



Sampling Summary and Closure Request

Matador Resources Company

Janie Conner #221H

Eddy County, New Mexico

Unit Letter "A", Section 14, Township 24 South, Range 28 East

Latitude 32.223988 North, Longitude 104.050534 West

NMOCD Incident # NAB1616636453

Prepared For:

Matador Resources Company
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Dallas, TX 75240

Prepared By:

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August 2025

A handwritten signature in black ink, appearing to read "Daniel Dominguez", is written over a horizontal line.

Daniel Dominguez
Environmental Director
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HUNGRY HORSE, LLC

The following *Sampling Summary and Closure Request* serves as a condensed update on field activities undertaken at the afore referenced Site.

Background:

The site is located in Unit Letter A (NE/NE), Section 14, Township 24 South, Range 28 East, approximately one mile East of Malaga, in Eddy County, New Mexico. The site is located on Private land. Topographic Map, OSE POD Locations Map, and USGS Well Locations Map are included as Figure 1, Figure 2, and Figure 3, respectively.

The location is an active well pad; Latitude 32.223988 North, Longitude 104.050534 West. The NMOCD Form C-141 indicated that on June 12, 2016 approximately 13 bbls of oil-based mud were released due to hose separation. A crew was dispatched to the release site to manage the release. Approximately 13 bbls were recovered. Previously submitted information is available on the NMOCD Permitting Portal.

In 2018 the release area was delineated, excavated, and backfilled. However, closure was denied citing incomplete delineation, a lack of photographs, and too few closure samples. Matador has contracted Hungry Horse to complete delineation, collect adequate closure samples, and photograph the sampling event.

NMOCD Site Classification:

A search of the New Mexico Office of the State Engineer (NMOSE) and United States Geological Survey (USGS) groundwater databases was completed in an effort to determine the horizontal distance to known water sources within a half mile radius of the Release Site. Approximate depth to groundwater was determined using maintained and published water well data. Karst mapping indicates the site is located in a medium Karst designated area. Depth to groundwater information is provided as Attachment III and the results are depicted on Figures 2 and 3.

Four wells are located within a half mile radius of the location. However, as the site is located in a medium Karst designated area, the site will be sampled according to the strictest NMOCD Closure Criteria. Utilizing this information, the NMOCD Closure Criteria for the Site were determined as follows:

Depth to Groundwater	Constituent	Method	Limit
<50'	Chloride	EPA 300.0 or SM4500 CLB	600 mg/kg
	TPH (GRO + DRO + MRO)	EPA SW-846 Method 8015M Ext	100 mg/kg
	BTEX	EPA SW-846 Methods 8021B or 8260B	50 mg/kg
	Benzene	EPA SW-846 Methods 8021B or 8260B	10 mg/kg



Sampling Activities:

In March 2025, Matador contracted Hungry Horse requesting a review of the unresolved 2018 release at the Janie Conner #221H facility. After review of the remediation activities and closure denial, Hungry Horse submitted a sampling map and plan to the OCD representative for approval. On June 16, 2025, the sampling plan was approved. Correspondence is provided as Attachment II.

On June 18, 2025, Hungry Horse notified OCD that closure sampling would occur at the Janie Conner location on June 30 – July 2, 2025. Correspondence is provided as Attachment II.

On June 30 – July 2, 2025, Hungry Horse conducted closure sampling of the remediated area. During sampling activities, thirty-three hand augured test bores, and one sample test trench at BH3, were advanced throughout the affected area in an effort to determine the vertical extent of contamination, if any. Soil samples were collected from each sample location at the surface and then at one-foot intervals through four feet bgs. Soil samples were also collected at sample location BH3, at the surface and then at one-foot intervals through ten feet bgs, per OCD request.

Soil samples were then submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated contaminant concentrations were below the NMOCD Closure Criteria in each of the submitted samples, with the exception of FL11 at four feet bgs and BH3 at three and four feet bgs, which exhibited chloride concentrations in excess of NMOCD Closure Criteria.

On July 22, 2025, Hungry Horse notified OCD that additional closure sampling would occur at the Janie Conner location on July 25, 2025. Correspondence is provided as Attachment II.

On July 24, 2025, the areas characterized by sample locations FL11 and BH3 were excavated, with contaminated soil hauled to an NMOCD approved disposal facility. On July 25, 2025, eleven composite confirmation soil samples were collected from each excavation floor and sidewalls, with each sample representing no more than 200 square feet. One soil sample was also collected from the backfill pit. Soil samples FL1, FL2, FL3, SW1 – SW8, and Backfill, were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated contaminant concentrations were below the NMOCD Closure Criteria in each of the submitted samples.

Closure Sample Map A and Closure Sample Map B are provided as Figure 4 and Figure 5, respectively. A Summary of Soil Sample Laboratory Analytical Results is provided as Table 1 and Laboratory Analytical Reports are provided as Attachment V.

Sampling Procedure and Identification:

During closure sampling, soil samples were collected from the release area per the OCD approved sampling plan. Soil samples were collected from each sample location at the surface



and then at one-foot intervals through four feet bgs. Soil samples were also collected at sample location BH3, at the surface and then at one-foot intervals through ten feet bgs, per OCD request. Soil samples were jarred, iced, and delivered to the laboratory for analysis of BTEX, TPH, and chloride.

Sampling activities were photographed with Photographs provided in Attachment IV. Each sample location was backfilled with the augured material after the requisite samples were collected and jarred.

Restoration, Reclamation, and Re-Vegetation:

Based upon laboratory analytical results from confirmation soil samples, no additional excavation activities will be required. Each sample location was backfilled with the augured material after the requisite samples were collected and jarred. Excavations at FL11 and BH3, were backfilled with locally sourced, clean, non-impacted caliche. As the release occurred on an active production pad, no seeding will be required.

Closure Request:

Sampling activities were conducted in accordance with applicable NMOCD Regulations and approved sampling plan. Laboratory analytical results from closure confirmation samples indicate concentrations of BTEX, TPH, and chloride are below the NMOCD Closure Criteria.

Based on laboratory analytical results, Matador Resources Company respectfully requests closure of the Janie Conner 13 24S 28E RB #221H location, NAB1616636453.

Limitations:

Hungry Horse, LLC, has prepared this *Sampling Summary and Closure Request* to the best of its ability. No other warranty, expressed or implied, is made or intended. Hungry Horse has examined and relied upon documents referenced in the report and on oral statements made by certain individuals. Hungry Horse has not conducted an independent examination of the facts contained in referenced materials and statements. Hungry Horse has presumed the genuineness of these documents and statements and that the information provided therein is true and accurate. Hungry Horse notes that the facts and conditions referenced in this report may change over time, and the conclusions and recommendations set forth herein are applicable only to the facts and conditions as described at the time of this report.



Distribution:

Matador Resources Company

5400 LBJ Freeway Ste 1500

Dallas, TX 75240

New Mexico Energy, Minerals and Natural Resources Department

Oil Conservation Division, District 2

811 S. First St.

Artesia, NM 88210

Figures

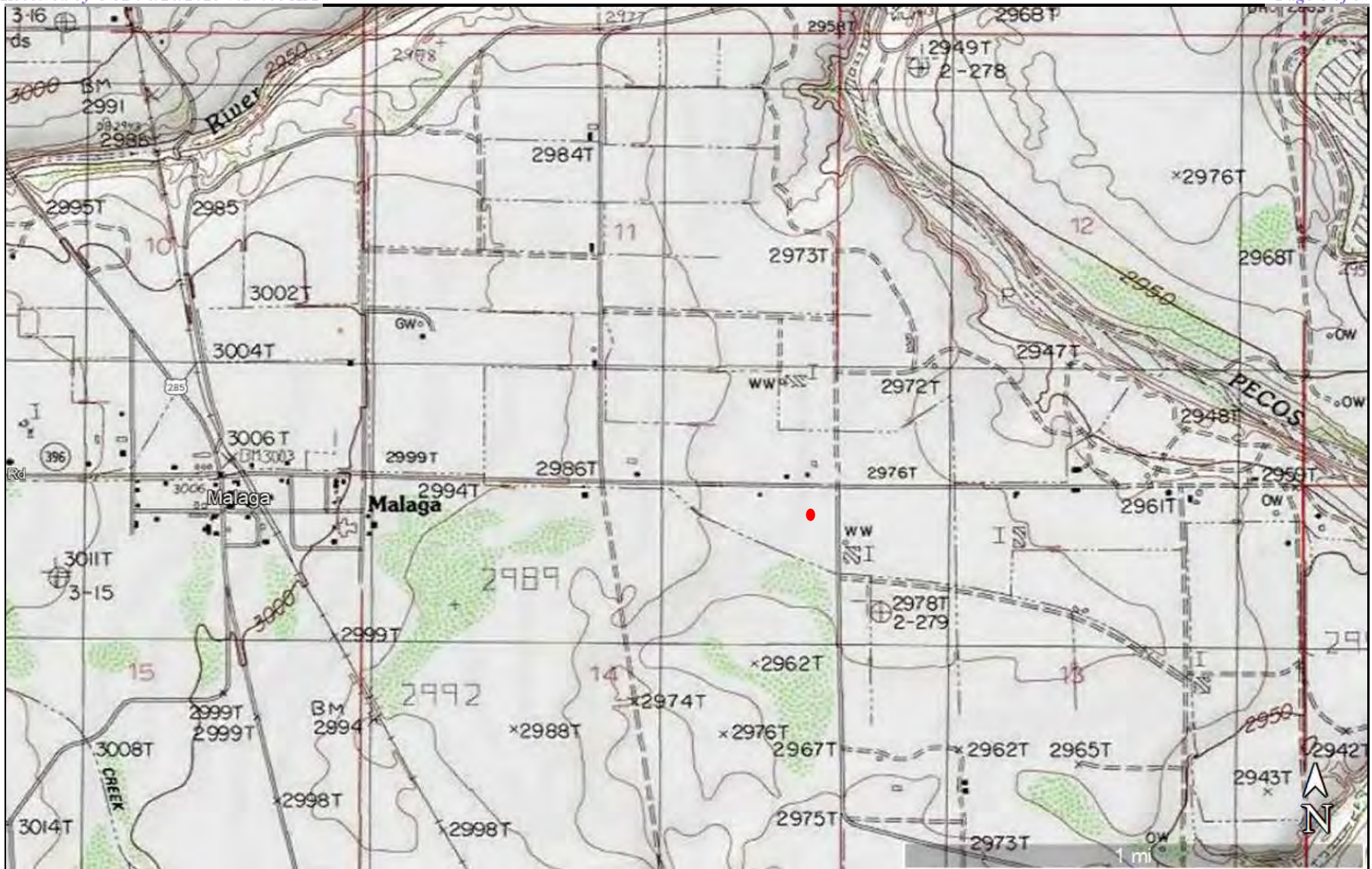


Figure 1

Topographic Map

Matador Resources Company

Janie Conner 13 24S 28E RB #221H

GPS: 32.223988, -104.050534

Eddy County

Legend:

● Janie Conner 13 24S 28E RB #221H Location

Drafted: dd

Checked: jh

Date: 5/19/25



**Figure 2**

OSE POD Locations Map
 Matador Resources Company
 Janie Conner 13 24S 28E RB #221H
 GPS: 32.223988, -104.050534
 Eddy County

Legend:

● Janie Conner 13 24S 28E RB #221H Location

Drafted: dd
 Checked: jh
 Date: 5/19/25



**Figure 3**

USGS Well Locations Map
Matador Resources Company
Janie Conner 13 24S 28E RB #221H
GPS: 32.223988, -104.050534
Eddy County

Legend:

- Janie Conner 13 24S 28E RB #221H Location
- ▲ USGS Well Location



Drafted: dd
Checked: jh
Date: 5/19/25

**Figure 4**

Closure Sample Map A
 Matador Resources Company
 Janie Conner 13 24S 28E RB #221H
 GPS: 32.223988, -104.050534
 Eddy County

Legend:

- Approximate Area of Historic Excavation
- 400 Square Foot Sample Areas
- FL1 Sample Location - Chloride below 600 mg/kg Surface through 4 feet
- BH3 Sample Location - Chloride over 600 mg/kg at 3 and 4 feet
- FL11 Sample Location - Chloride over 600 mg/kg at 4 feet

Drafted: dd
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 Date: 7/14/25



**Figure 5**

Closure Sample Map B
 Matador Resources Company
 Janie Conner 13 24S 28E RB #221H
 GPS: 32.223988, -104.050534
 Eddy County

Legend:

- Approximate Area of Historic Excavation
- Excavation Area of Samples Over NMOCD Closure Criteria
- FL1 Composite Confirmation Floor Sample Location
- SW1 Composite Confirmation Sidewall Sample Location

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 Date: 7/30/25



Table

TABLE 1
Summary of Soil Sample Laboratory Analytical Results
Matador Resources Company
Janie Conner 13 24S 28E RB #221H
NMOCD Ref. #: NAB1616636453

Sample ID	Date	Depth (ft)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
FL1	6/30/25	Surf	In-Situ	ND	ND	ND	ND	ND	ND	ND	41.5
	6/30/25	1	In-Situ	ND	ND	ND	ND	ND	ND	ND	ND
	6/30/25	2	In-Situ	ND	ND	ND	ND	34.9	ND	34.9	567
	6/30/25	3	In-Situ	ND	ND	ND	ND	48.1	ND	48.1	562
	6/30/25	4	In-Situ	ND	ND	ND	ND	ND	ND	ND	514
FL2	6/30/25	Surf	In-Situ	ND	ND	ND	ND	ND	ND	ND	ND
	6/30/25	1	In-Situ	ND	ND	ND	ND	ND	ND	ND	493
	6/30/25	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	43.7
	6/30/25	3	In-Situ	ND	ND	ND	ND	ND	ND	ND	487
	6/30/25	4	In-Situ	ND	ND	ND	39.0	39.0	ND	39.0	432
FL3	6/30/25	Surf	In-Situ	ND	ND	ND	ND	ND	ND	ND	47.5
	6/30/25	1	In-Situ	ND	ND	ND	ND	ND	ND	ND	50.6
	6/30/25	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	436
	6/30/25	3	In-Situ	ND	ND	ND	ND	ND	ND	ND	508
	6/30/25	4	In-Situ	ND	ND	ND	ND	ND	ND	ND	485
FL4	6/30/25	Surf	In-Situ	ND	ND	ND	ND	ND	ND	ND	ND
	6/30/25	1	In-Situ	ND	ND	ND	ND	ND	ND	ND	48.5
	6/30/25	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	415
	6/30/25	3	In-Situ	ND	ND	ND	35.7	35.7	ND	35.7	406
	6/30/25	4	In-Situ	ND	ND	ND	ND	ND	ND	ND	411
FL5	6/30/25	Surf	In-Situ	ND	ND	ND	ND	ND	ND	ND	ND
	6/30/25	1	In-Situ	ND	ND	ND	ND	ND	ND	ND	ND
	6/30/25	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	451
	6/30/25	3	In-Situ	ND	ND	ND	36.6	36.6	ND	36.6	470
	6/30/25	4	In-Situ	ND	ND	ND	ND	ND	ND	ND	355
FL6	6/30/25	Surf	In-Situ	ND	ND	ND	ND	ND	ND	ND	44.0
	6/30/25	1	In-Situ	ND	ND	ND	ND	ND	ND	ND	ND
	6/30/25	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	574
	6/30/25	3	In-Situ	ND	ND	ND	25.5	25.5	ND	25.5	558
	6/30/25	4	In-Situ	ND	ND	ND	ND	ND	ND	ND	375
FL7	6/30/25	Surf	In-Situ	ND	ND	ND	ND	ND	ND	ND	42.3
	6/30/25	1	In-Situ	ND	ND	ND	ND	ND	ND	ND	ND
	6/30/25	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	475
	6/30/25	3	In-Situ	ND	ND	ND	35.9	35.9	ND	35.9	551
	6/30/25	4	In-Situ	ND	ND	ND	89.2	89.2	ND	89.2	378
FL8	6/30/25	Surf	In-Situ	ND	ND	ND	ND	ND	ND	ND	ND
	6/30/25	1	In-Situ	ND	ND	ND	ND	ND	ND	ND	49.4
	6/30/25	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	513
	6/30/25	3	In-Situ	ND	ND	ND	42.4	42.4	ND	42.4	397
	6/30/25	4	In-Situ	ND	ND	ND	ND	ND	ND	ND	415
FL9	6/30/25	Surf	In-Situ	ND	ND	ND	ND	ND	ND	ND	250
	6/30/25	1	In-Situ	ND	ND	ND	ND	ND	ND	ND	97.9
	6/30/25	2	In-Situ	ND	ND	ND	48.8	48.8	ND	48.8	456
	6/30/25	3	In-Situ	ND	ND	ND	ND	ND	ND	ND	409
	6/30/25	4	In-Situ	ND	ND	ND	ND	ND	ND	ND	428
NMOCD Closure Criteria				10	50	-	-	NA	-	100	600

NOTES:

- = Sample not analyzed for that constituent.

Bold text denotes a concentration that exceeds the NMOCD Closure Criteria

TABLE 1
Summary of Soil Sample Laboratory Analytical Results
Matador Resources Company
Janie Conner 13 24S 28E RB #221H
NMOCD Ref. #: NAB1616636453

Sample ID	Date	Depth (ft)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
FL10	6/30/25	Surf	In-Situ	ND	ND	ND	ND	ND	ND	ND	101
	6/30/25	1	In-Situ	ND	ND	ND	ND	ND	ND	ND	110
	6/30/25	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	424
	6/30/25	3	In-Situ	ND	ND	ND	ND	ND	ND	ND	371
	6/30/25	4	In-Situ	ND	ND	ND	ND	ND	ND	ND	382
FL11	6/30/25	Surf	In-Situ	ND	ND	ND	ND	ND	ND	ND	ND
	6/30/25	1	In-Situ	ND	ND	ND	ND	ND	ND	ND	144
	6/30/25	2	Excavated	ND	ND	ND	ND	ND	ND	ND	525
	6/30/25	3	Excavated	ND	ND	ND	ND	ND	ND	ND	540
	6/30/25	4	Excavated	ND	ND	ND	ND	ND	ND	ND	627
FL12	6/30/25	Surf	In-Situ	ND	ND	ND	ND	ND	ND	ND	118
	6/30/25	1	In-Situ	ND	ND	ND	ND	ND	ND	ND	ND
	6/30/25	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	330
	6/30/25	3	In-Situ	ND	ND	ND	ND	ND	ND	ND	344
	6/30/25	4	In-Situ	ND	ND	ND	ND	ND	ND	ND	312
FL13	6/30/25	Surf	In-Situ	ND	ND	ND	ND	ND	ND	ND	115
	6/30/25	1	In-Situ	ND	ND	ND	ND	ND	ND	ND	45.7
	6/30/25	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	330
	6/30/25	3	In-Situ	ND	ND	ND	ND	ND	ND	ND	293
	6/30/25	4	In-Situ	ND	ND	ND	ND	ND	ND	ND	333
FL14	6/30/25	Surf	In-Situ	ND	ND	ND	ND	ND	ND	ND	ND
	6/30/25	1	In-Situ	ND	ND	ND	ND	ND	ND	ND	382
	6/30/25	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	336
	6/30/25	3	In-Situ	ND	ND	ND	28.1	28.1	ND	28.1	338
	6/30/25	4	In-Situ	ND	ND	ND	29.4	29.4	ND	29.4	375
FL15	7/1/25	Surf	In-Situ	ND	ND	ND	ND	ND	ND	ND	48.6
	7/1/25	1	In-Situ	ND	ND	ND	ND	ND	ND	ND	ND
	7/1/25	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	346
	7/1/25	3	In-Situ	ND	ND	ND	ND	ND	ND	ND	359
	7/1/25	4	In-Situ	ND	ND	ND	ND	ND	ND	ND	341
FL16	7/1/25	Surf	In-Situ	ND	ND	ND	ND	ND	ND	ND	78.9
	7/1/25	1	In-Situ	ND	ND	ND	ND	ND	ND	ND	46.7
	7/1/25	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	344
	7/1/25	3	In-Situ	ND	ND	ND	ND	ND	ND	ND	353
	7/1/25	4	In-Situ	ND	ND	ND	ND	ND	ND	ND	358
FL17	7/1/25	Surf	In-Situ	ND	ND	ND	ND	ND	ND	ND	52.6
	7/1/25	1	In-Situ	ND	ND	ND	ND	ND	ND	ND	ND
	7/1/25	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	402
	7/1/25	3	In-Situ	ND	ND	ND	ND	ND	ND	ND	383
	7/1/25	4	In-Situ	ND	ND	ND	ND	ND	ND	ND	356
FL18	7/1/25	Surf	In-Situ	ND	ND	ND	ND	ND	ND	ND	ND
	7/1/25	1	In-Situ	ND	ND	ND	ND	ND	ND	ND	ND
	7/1/25	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	374
	7/1/25	3	In-Situ	ND	ND	ND	ND	ND	ND	ND	371
	7/1/25	4	In-Situ	ND	ND	ND	ND	ND	ND	ND	347
NMOCD Closure Criteria				10	50	-	-	NA	-	100	600

NOTES:

- = Sample not analyzed for that constituent.

Bold text denotes a concentration that exceeds the NMOCD Closure Criteria

TABLE 1
Summary of Soil Sample Laboratory Analytical Results
Matador Resources Company
Janie Conner 13 24S 28E RB #221H
NMOCD Ref. #: NAB1616636453

Sample ID	Date	Depth (ft)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
FL19	7/1/25	Surf	In-Situ	ND	ND	ND	ND	ND	ND	ND	ND
	7/1/25	1	In-Situ	ND	ND	ND	ND	ND	ND	ND	ND
	7/1/25	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	348
	7/1/25	3	In-Situ	ND	ND	ND	ND	ND	ND	ND	348
	7/1/25	4	In-Situ	ND	ND	ND	ND	ND	ND	ND	395
FL20	7/1/25	Surf	In-Situ	ND	ND	ND	ND	ND	ND	ND	68.9
	7/1/25	1	In-Situ	ND	ND	ND	ND	ND	ND	ND	105
	7/1/25	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	350
	7/1/25	3	In-Situ	ND	ND	ND	ND	ND	ND	ND	339
	7/1/25	4	In-Situ	ND	ND	ND	ND	ND	ND	ND	336
FL21	7/1/25	Surf	In-Situ	ND	ND	ND	ND	ND	ND	ND	165
	7/1/25	1	In-Situ	ND	ND	ND	ND	ND	ND	ND	219
	7/1/25	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	396
	7/1/25	3	In-Situ	ND	ND	ND	ND	ND	ND	ND	327
	7/1/25	4	In-Situ	ND	ND	ND	ND	ND	ND	ND	394
FL22	7/1/25	Surf	In-Situ	ND	ND	ND	ND	ND	ND	ND	163
	7/1/25	1	In-Situ	ND	ND	ND	ND	ND	ND	ND	176
	7/1/25	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	351
	7/1/25	3	In-Situ	ND	ND	ND	ND	ND	ND	ND	403
	7/1/25	4	In-Situ	ND	ND	ND	ND	ND	ND	ND	370
FL23	7/1/25	Surf	In-Situ	ND	ND	ND	ND	ND	ND	ND	224
	7/1/25	1	In-Situ	ND	ND	ND	ND	ND	ND	ND	185
	7/1/25	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	306
	7/1/25	3	In-Situ	ND	ND	ND	ND	ND	ND	ND	283
	7/1/25	4	In-Situ	ND	ND	ND	ND	ND	ND	ND	302
FL24	7/1/25	Surf	In-Situ	ND	ND	ND	ND	ND	ND	ND	235
	7/1/25	1	In-Situ	ND	ND	ND	ND	ND	ND	ND	216
	7/1/25	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	290
	7/1/25	3	In-Situ	ND	ND	ND	ND	ND	ND	ND	355
	7/1/25	4	In-Situ	ND	ND	ND	ND	ND	ND	ND	316
FL25	7/1/25	Surf	In-Situ	ND	ND	ND	ND	ND	ND	ND	186
	7/1/25	1	In-Situ	ND	ND	ND	ND	ND	ND	ND	252
	7/1/25	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	317
	7/1/25	3	In-Situ	ND	ND	ND	ND	ND	ND	ND	324
	7/1/25	4	In-Situ	ND	ND	ND	ND	ND	ND	ND	289
FL26	7/1/25	Surf	In-Situ	ND	ND	ND	ND	ND	ND	ND	204
	7/1/25	1	In-Situ	ND	ND	ND	ND	ND	ND	ND	101
	7/1/25	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	306
	7/1/25	3	In-Situ	ND	ND	ND	ND	ND	ND	ND	284
	7/1/25	4	In-Situ	ND	ND	ND	ND	ND	ND	ND	293
FL27	7/1/25	Surf	In-Situ	ND	ND	ND	ND	ND	ND	ND	190
	7/1/25	1	In-Situ	ND	ND	ND	ND	ND	ND	ND	113
	7/1/25	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	329
	7/1/25	3	In-Situ	ND	ND	ND	ND	ND	ND	ND	337
	7/1/25	4	In-Situ	ND	ND	ND	ND	ND	ND	ND	130
NMOCD Closure Criteria				10	50	-	-	NA	-	100	600

NOTES:

- = Sample not analyzed for that constituent.

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NMOCD Ref. #: NAB1616636453

Sample ID	Date	Depth (ft)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
FL28	7/1/25	Surf	In-Situ	ND	ND	ND	ND	ND	ND	ND	198
	7/1/25	1	In-Situ	ND	ND	ND	ND	ND	ND	ND	203
	7/1/25	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	145
	7/1/25	3	In-Situ	ND	ND	ND	ND	ND	ND	ND	327
	7/1/25	4	In-Situ	ND	ND	ND	ND	ND	ND	ND	351
FL29	7/2/25	Surf	In-Situ	ND	ND	ND	ND	ND	ND	ND	112
	7/2/25	1	In-Situ	ND	ND	ND	ND	ND	ND	ND	163
	7/2/25	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	325
	7/2/25	3	In-Situ	ND	ND	ND	ND	ND	ND	ND	139
	7/2/25	4	In-Situ	ND	ND	ND	ND	ND	ND	ND	312
FL30	7/2/25	Surf	In-Situ	ND	ND	ND	ND	ND	ND	ND	209
	7/2/25	1	In-Situ	ND	ND	ND	ND	ND	ND	ND	191
	7/2/25	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	304
	7/2/25	3	In-Situ	ND	ND	ND	ND	ND	ND	ND	322
	7/2/25	4	In-Situ	ND	ND	ND	ND	ND	ND	ND	272
FL31	7/2/25	Surf	In-Situ	ND	ND	ND	ND	ND	ND	ND	260
	7/2/25	1	In-Situ	ND	ND	ND	ND	ND	ND	ND	195
	7/2/25	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	333
	7/2/25	3	In-Situ	ND	ND	ND	ND	ND	ND	ND	315
	7/2/25	4	In-Situ	ND	ND	ND	ND	ND	ND	ND	341
FL32	7/2/25	Surf	In-Situ	ND	ND	ND	ND	ND	ND	ND	233
	7/2/25	1	In-Situ	ND	ND	ND	ND	ND	ND	ND	164
	7/2/25	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	347
	7/2/25	3	In-Situ	ND	ND	ND	ND	ND	ND	ND	305
	7/2/25	4	In-Situ	ND	ND	ND	ND	ND	ND	ND	324
FL33	7/2/25	Surf	In-Situ	ND	ND	ND	ND	ND	ND	ND	194
	7/2/25	1	In-Situ	ND	ND	ND	ND	ND	ND	ND	158
	7/2/25	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	310
	7/2/25	3	In-Situ	ND	ND	ND	ND	ND	ND	ND	292
	7/2/25	4	In-Situ	ND	ND	ND	ND	ND	ND	ND	307
BH3	7/2/25	Surf	In-Situ	ND	ND	ND	ND	ND	ND	ND	162
	7/2/25	1	In-Situ	ND	ND	ND	ND	ND	ND	ND	171
	7/2/25	2	In-Situ	ND	ND	ND	39.8	39.8	ND	39.8	297
	7/2/25	3	Excavated	ND	ND	ND	ND	ND	ND	ND	620
	7/2/25	4	Excavated	ND	ND	ND	ND	ND	ND	ND	714
	7/2/25	5	In-Situ	ND	ND	ND	ND	ND	ND	ND	541
	7/2/25	6	In-Situ	ND	ND	ND	ND	ND	ND	ND	192
	7/2/25	7	In-Situ	ND	ND	ND	ND	ND	ND	ND	210
	7/2/25	8	In-Situ	ND	ND	ND	ND	ND	ND	ND	161
	7/2/25	9	In-Situ	ND	ND	ND	ND	ND	ND	ND	177
	7/2/25	10	In-Situ	ND	ND	ND	ND	ND	ND	ND	162
NMOCD Closure Criteria				10	50	-	-	NA	-	100	600

NOTES:

- = Sample not analyzed for that constituent.

Bold text denotes a concentration that exceeds the NMOCD Closure Criteria

TABLE 1
Summary of Soil Sample Laboratory Analytical Results
Matador Resources Company
Janie Conner 13 24S 28E RB #221H
NMOCD Ref. #: NAB1616636453

Sample ID	Date	Depth (ft)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
FL1	7/25/25	4.5	In-Situ	ND	ND	ND	ND	ND	ND	ND	66.5
FL2	7/25/25	4.5	In-Situ	ND	ND	ND	ND	ND	ND	ND	83.8
FL3	7/25/25	4.5	In-Situ	ND	ND	ND	ND	ND	ND	ND	116
SW1	7/25/25	0-4.5	In-Situ	ND	ND	ND	ND	ND	ND	ND	159
SW2	7/25/25	0-4.5	In-Situ	ND	ND	ND	ND	ND	ND	ND	153
SW3	7/25/25	0-4.5	In-Situ	ND	ND	ND	ND	ND	ND	ND	130
SW4	7/25/25	0-4.5	In-Situ	ND	ND	ND	ND	ND	ND	ND	134
SW5	7/25/25	0-4.5	In-Situ	ND	ND	ND	ND	ND	ND	ND	88.3
SW6	7/25/25	0-4.5	In-Situ	ND	ND	ND	ND	ND	ND	ND	136
SW7	7/25/25	0-4.5	In-Situ	ND	ND	ND	ND	ND	ND	ND	139
SW8	7/25/25	0-4.5	In-Situ	ND	ND	ND	ND	ND	ND	ND	96.0
Backfill	7/25/25	1	In-Situ	ND	ND	ND	ND	ND	ND	ND	146
NMOCD Closure Criteria				10	50	-	-	NA	-	100	600

NOTES:

- = Sample not analyzed for that constituent.

Bold text denotes a concentration that exceeds the NMOCD Closure Criteria

Attachment I


Karst and Wetland Maps

Janie Conner #221H



5/29/2025

BLM NM CFO Karst Potential Polys

 High - Survey Required Medium

World Imagery

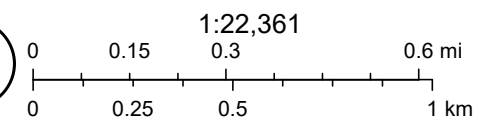
Low Resolution 15m Imagery

High Resolution 60cm Imagery

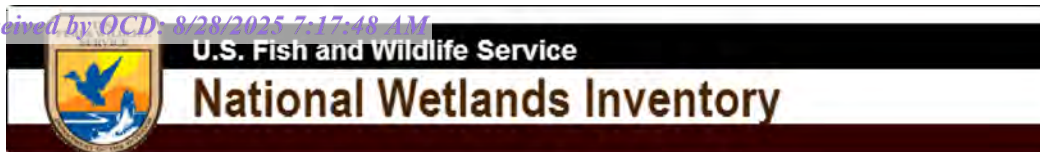
High Resolution 30cm Imagery

Citations

4.8m Resolution Metadata



Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community, Maxar



Janie Conner #221H



U.S. Fish and Wildlife Service, National Standards and Support Team,
wetlands_team@fws.gov

May 29, 2025

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

Attachment II NMOCD Correspondence

Daniel Dominguez

From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Sent: Monday, June 16, 2025 1:21 PM
To: Daniel Dominguez
Cc: Jason Touchet
Subject: RE: [EXTERNAL] Janie Conner #221H - NAB1616636453

Good afternoon Daniel,

This looks good. The sampling plan is approved. These samples should be submitted to a laboratory to be tested for all Table I constituents. Should any contamination be found, it is required to be remediated pursuant to 19.15.29.12 and 19.15.29.13 NMAC and a closure report or deferral request be submitted to the OCD.

Sincerely,

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: Daniel Dominguez <ddominguez@hungry-horse.com>
Sent: Monday, June 16, 2025 12:53 PM
To: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Cc: Jason Touchet <jason.touchet@matadorresources.com>
Subject: RE: [EXTERNAL] Janie Conner #221H - NAB1616636453

Shelly,

Attached for your review is the revised sample map for the Janie Conner location. As requested we will sample surface through four feet at locations FL1 – FL33 and surface through ten feet at location BH3.

Let me know if you have any questions.

Thank you,

Daniel Dominguez
Environmental Director
Hungry Horse, LLC
(m) 575-408-3134
ddominguez@hungry-horse.com

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS

Action 476745

QUESTIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 476745
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAB1616636453
Incident Name	NAB1616636453 JANIE CONNER 13 24S 28E RB #221H @ 30-015-43756
Incident Type	Release Other
Incident Status	Initial C-141 Approved
Incident Well	[30-015-43756] JANIE CONNER 13 24S 28E RB #221H

Location of Release Source	
Site Name	JANIE CONNER 13 24S 28E RB #221H
Date Release Discovered	06/12/2016
Surface Owner	Private

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	13,200
What is the estimated number of samples that will be gathered	176
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	06/30/2025
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Jerry Heidelberg 575-390-3639
Please provide any information necessary for navigation to sampling site	32.223988, -104.050534

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

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/oed/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 476745

CONDITIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 476745
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	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.	6/18/2025
j_touchet	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	6/18/2025

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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 476760

QUESTIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 476760
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAB1616636453
Incident Name	NAB1616636453 JANIE CONNER 13 24S 28E RB #221H @ 30-015-43756
Incident Type	Release Other
Incident Status	Initial C-141 Approved
Incident Well	[30-015-43756] JANIE CONNER 13 24S 28E RB #221H

Location of Release Source	
Site Name	JANIE CONNER 13 24S 28E RB #221H
Date Release Discovered	06/12/2016
Surface Owner	Private

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	13,200
What is the estimated number of samples that will be gathered	176
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	07/01/2025
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Jerry Heidelberg 575-390-3639
Please provide any information necessary for navigation to sampling site	32.223988, -104.050534

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

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/oed/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 476760

CONDITIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 476760
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	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.	6/18/2025
j_touchet	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	6/18/2025

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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 476764

QUESTIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 476764
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAB1616636453
Incident Name	NAB1616636453 JANIE CONNER 13 24S 28E RB #221H @ 30-015-43756
Incident Type	Release Other
Incident Status	Initial C-141 Approved
Incident Well	[30-015-43756] JANIE CONNER 13 24S 28E RB #221H

Location of Release Source	
Site Name	JANIE CONNER 13 24S 28E RB #221H
Date Release Discovered	06/12/2016
Surface Owner	Private

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	13,200
What is the estimated number of samples that will be gathered	176
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	07/02/2025
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Jerry Heidelberg 575-390-3639
Please provide any information necessary for navigation to sampling site	32.223988, -104.050534

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

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/oecd/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 476764

CONDITIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 476764
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	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.	6/18/2025
j_touchet	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	6/18/2025

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

General Information
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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 487593

QUESTIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 487593
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAB1616636453
Incident Name	NAB1616636453 JANIE CONNER 13 24S 28E RB #221H @ 30-015-43756
Incident Type	Release Other
Incident Status	Initial C-141 Approved
Incident Well	[30-015-43756] JANIE CONNER 13 24S 28E RB #221H

Location of Release Source	
Site Name	JANIE CONNER 13 24S 28E RB #221H
Date Release Discovered	06/12/2016
Surface Owner	Private

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	600
What is the estimated number of samples that will be gathered	12
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	07/25/2025
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Jerry Heidelberg 575-390-3639
Please provide any information necessary for navigation to sampling site	32.223988, -104.050534

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

General Information
Phone: (505) 629-6116

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Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 487593

CONDITIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 487593
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	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.	7/22/2025
j_touchet	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	7/22/2025

Attachment III

Depth to Groundwater



New Mexico Office of the State Engineer

Wells With Well Log Information

(A
CLW#####
in the
POD suffix
indicates the
POD has
been
replaced &
no longer
serves a
water right
file.)
(R=POD has
been
replaced,
O=orphaned,
C=the file is
closed)
(quarters are
1=NW 2=NE
3=SW 4=SE)
(quarters are
smallest to largest)
(NAD83 UTM in meters)
(meters)
(in feet)

POD Number	Code	Sub basin		County	Source	Q64 Q16 Q4				Sec	Tws	Range	X	Y	Distance	Start Date	Finish Date	Log File Date	Borehole Depth	Depth Water		Driller	License Number
C 00738		CUB	ED		Shallow	SW	NW	NW	13	24S	28E	589673.0	3565472.0	*		279	1957-01-15	1957-01-18	1957-02-04	125	12	DONOWHO, JOE	75
C 00574		CUB	ED		Shallow	NE	SE	SE	11	24S	28E	589452.0	3566081.0	*		422	1954-08-12	1954-08-12	1954-09-10	200	20	W. D. BRININSTOOL	161
C 00903		C	ED		Shallow		NE	NW	13	24S	28E	590178.0	3565575.0	*		717	1959-10-01	1959-10-31	1960-01-28	57	30	SMITH, SAM S.	108

Record Count: 3

UTM Filters (in meters):

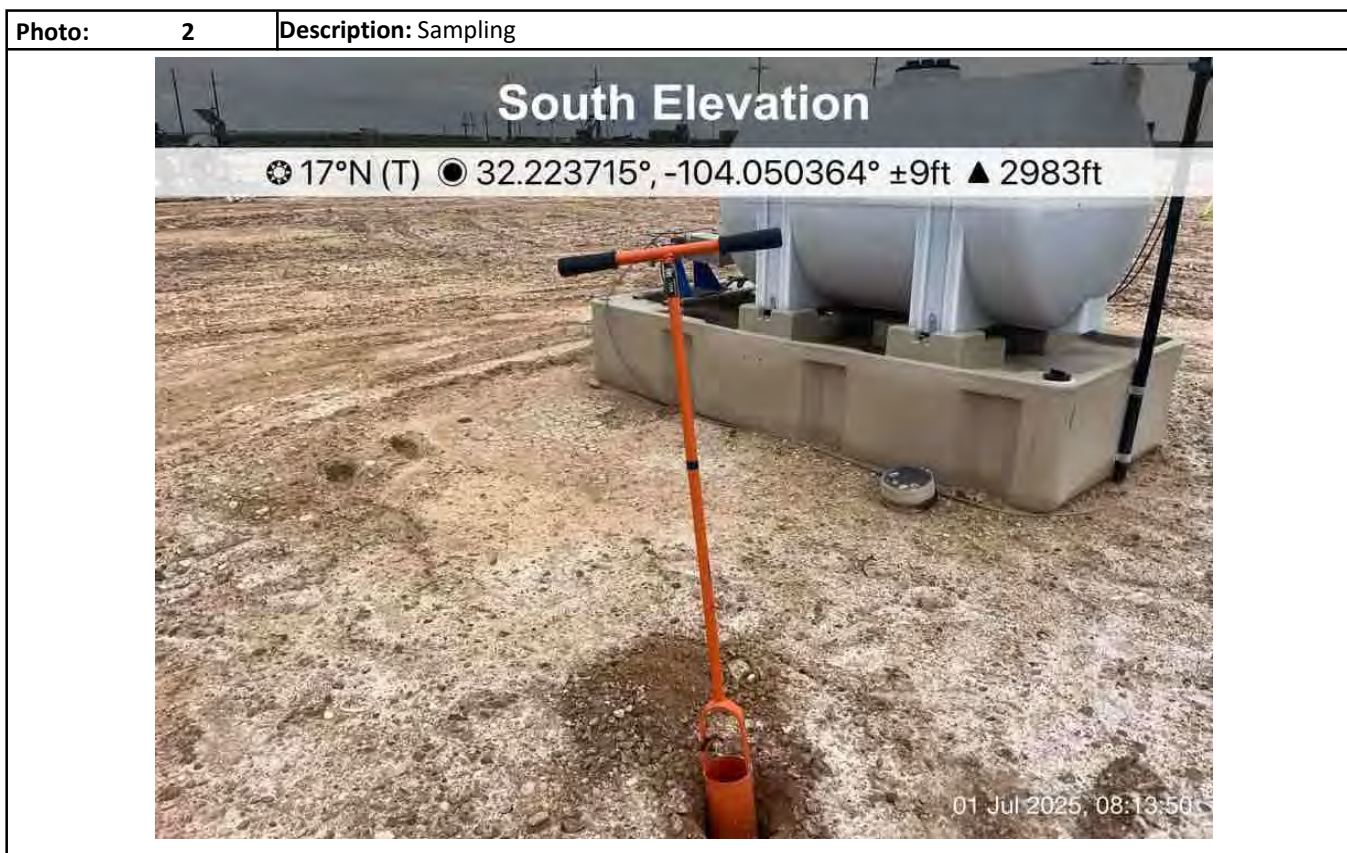
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Northing: 3565658.81
Radius: 805

* UTM location was derived from PLSS - see Help

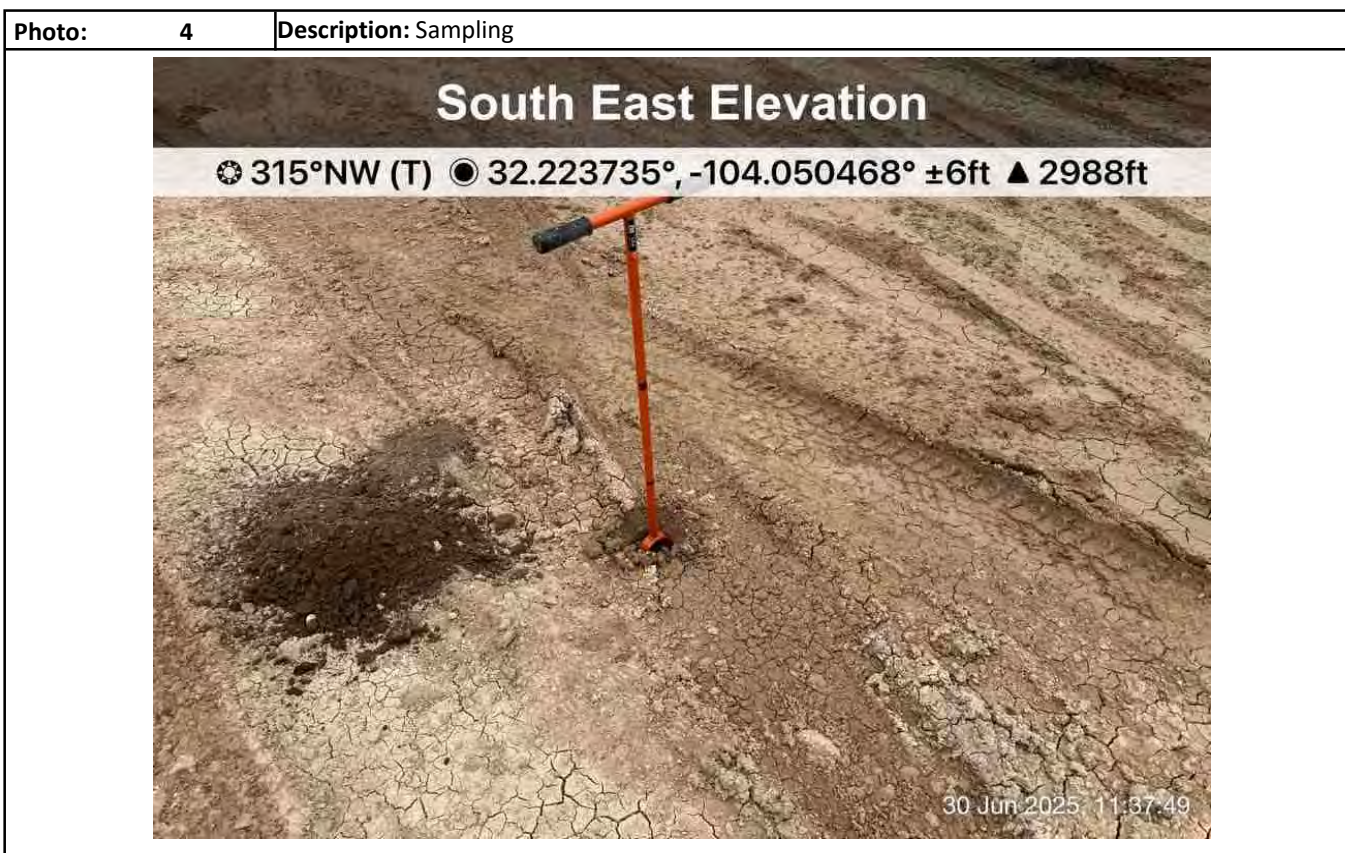
The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

Attachment IV Site Photographs

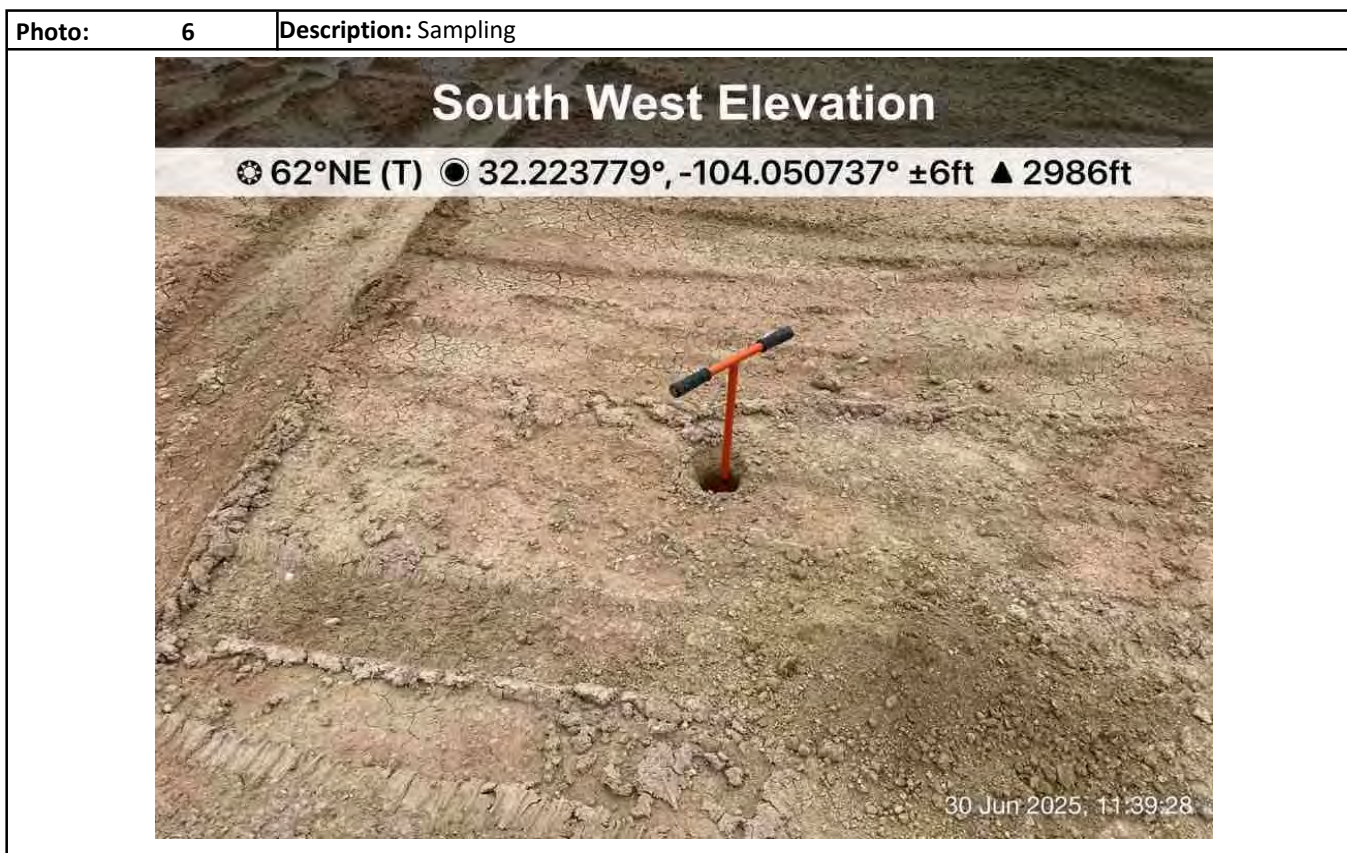
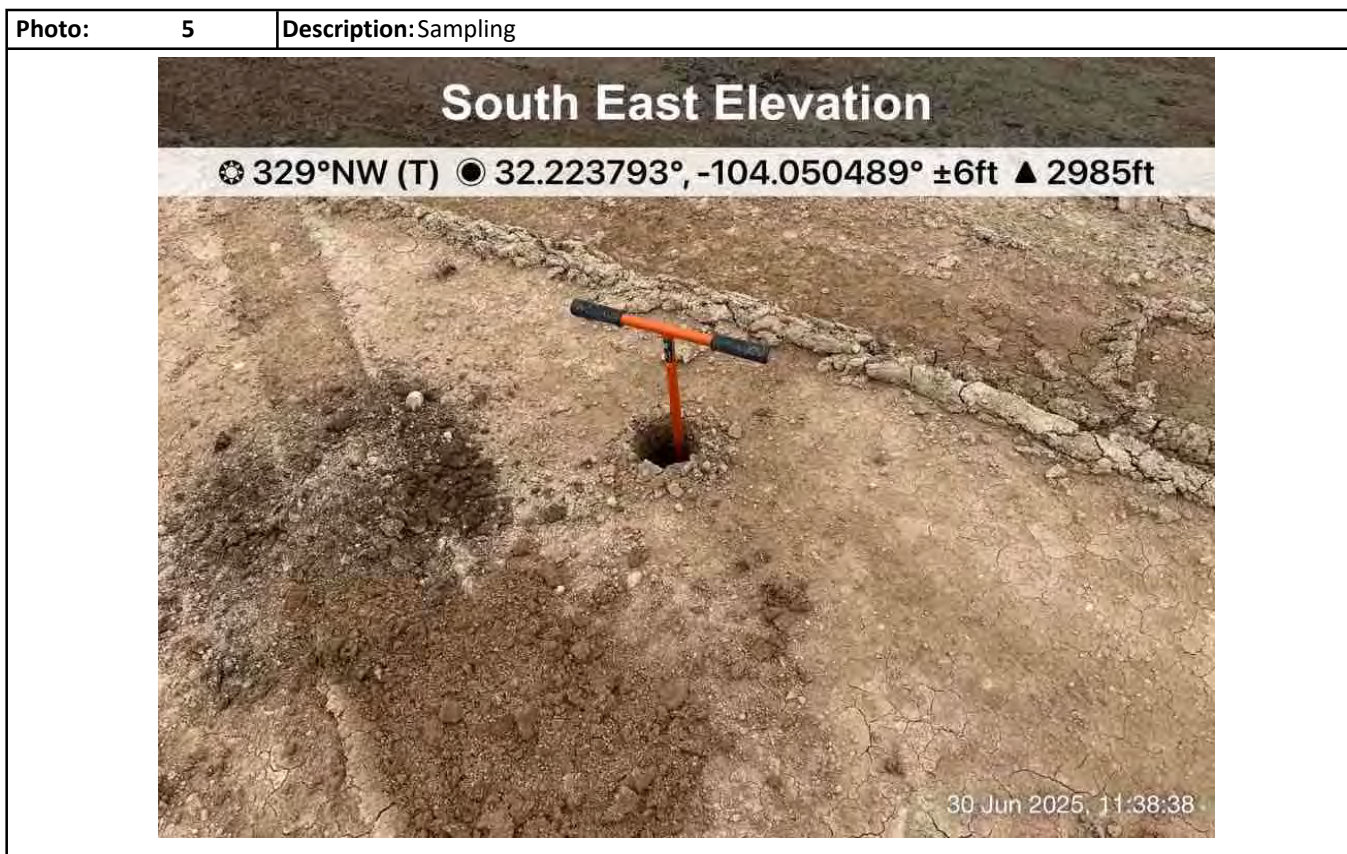
Photographs



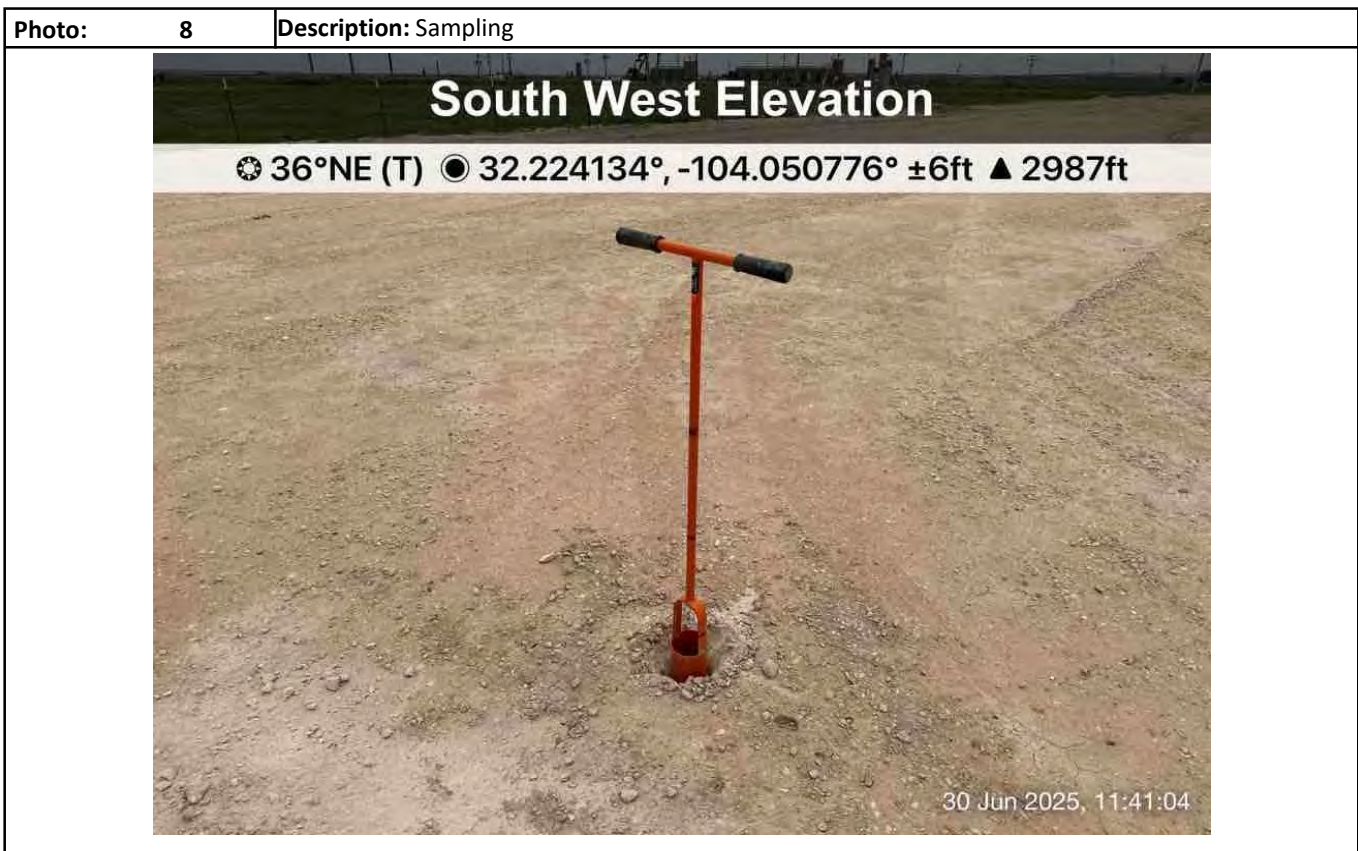
Photographs



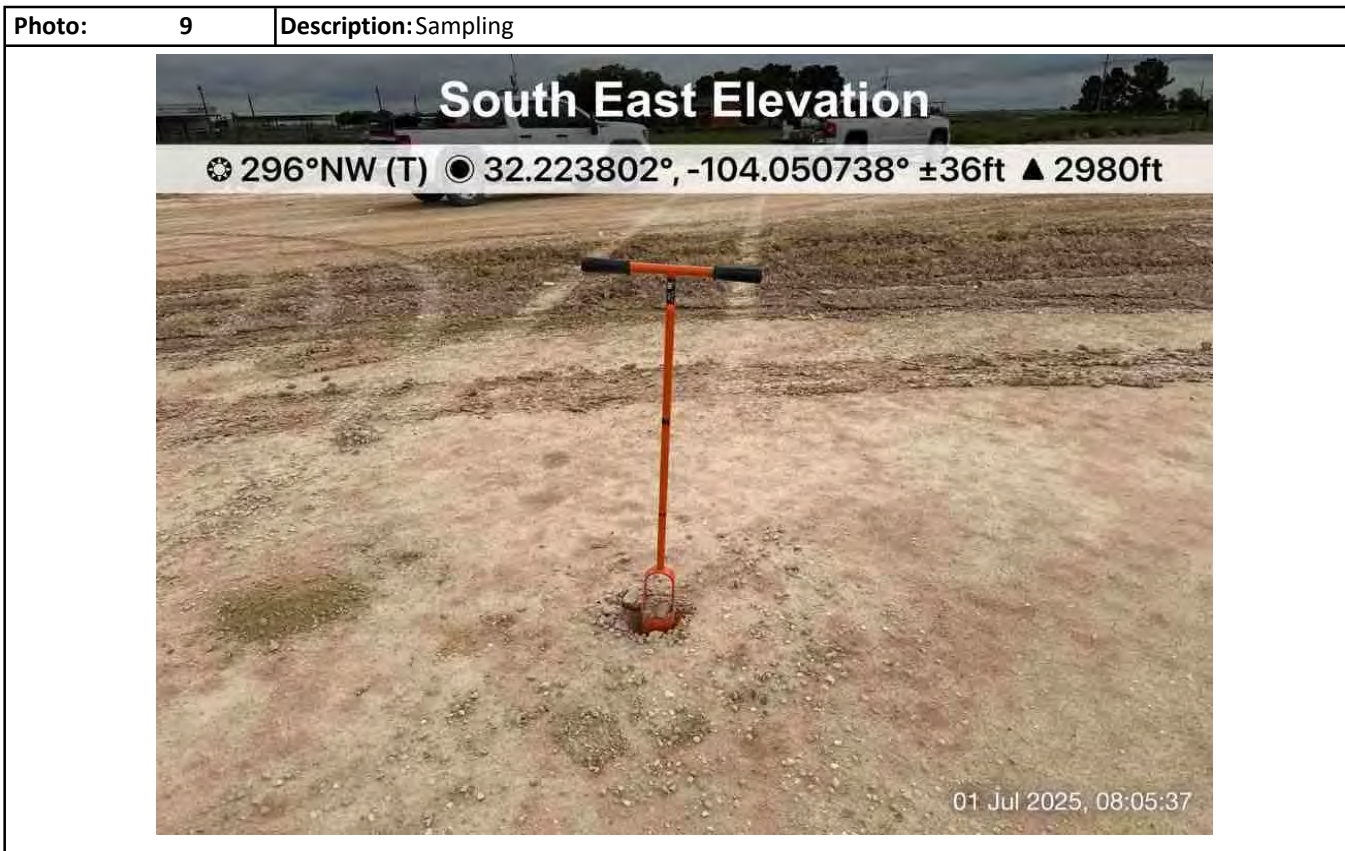
Photographs



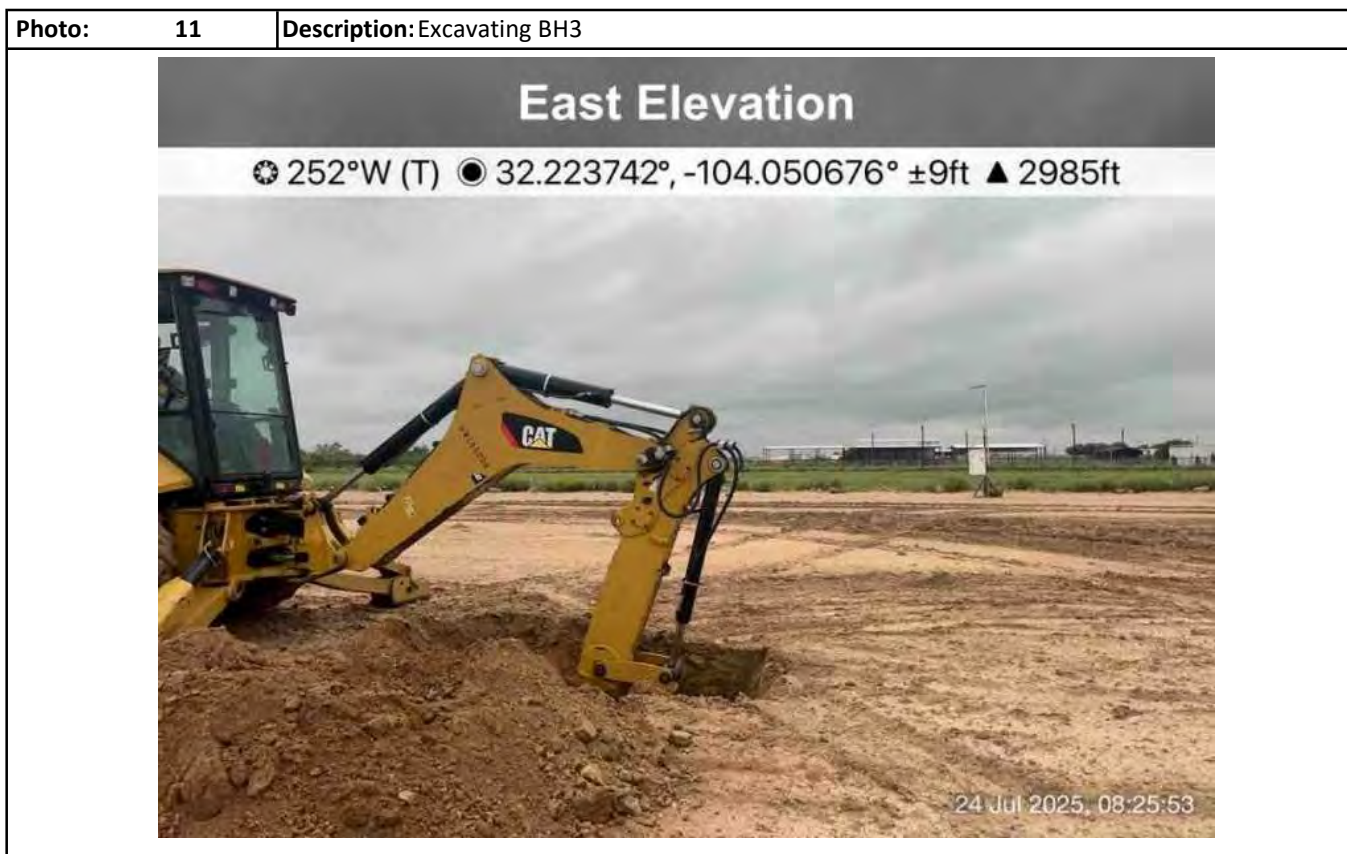
Photographs



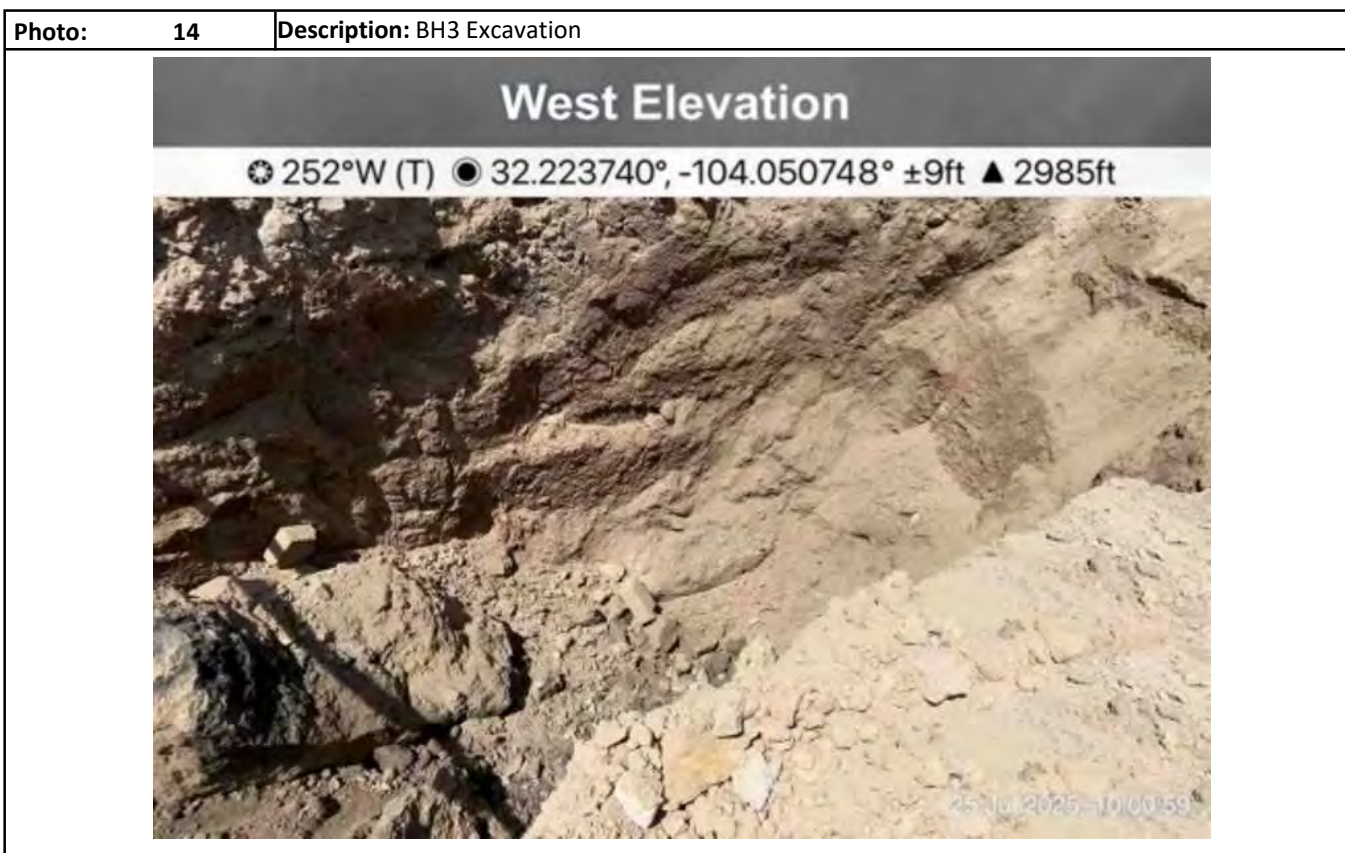
Photographs



Photographs



Photographs



Photographs



Attachment V

Laboratory Analytical Reports

Report to:

Daniel Dominguez



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Matador Resources, LLC.

Project Name: Janie Conner 13 24S 28E RB
#221H

Work Order: E507024

Job Number: 23052-0001

Received: 7/3/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/10/25

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 7/10/25



Daniel Dominguez
5400 LBJ Freeway, Suite 1500
Dallas, TX 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Workorder: E507024
Date Received: 7/3/2025 9:00:00AM

Daniel Dominguez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/3/2025 9:00:00AM, under the Project Name: Janie Conner 13 24S 28E RB #221H.

The analytical test results summarized in this report with the Project Name: Janie Conner 13 24S 28E RB #221H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
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Sample Summary

Matador Resources, LLC.

5400 LBJ Freeway, Suite 1500

Dallas TX, 75240

Project Name:

Janie Conner 13 24S 28E RB #221H

Project Number:

23052-0001

Project Manager:

Daniel Dominguez

Reported:

07/10/25 14:31

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FL1 Surf	E507024-01A	Soil	06/30/25	07/03/25	Glass Jar, 2 oz.
FL1 1'	E507024-02A	Soil	06/30/25	07/03/25	Glass Jar, 2 oz.
FL1 2'	E507024-03A	Soil	06/30/25	07/03/25	Glass Jar, 2 oz.
FL1 3'	E507024-04A	Soil	06/30/25	07/03/25	Glass Jar, 2 oz.
FL1 4'	E507024-05A	Soil	06/30/25	07/03/25	Glass Jar, 2 oz.
FL2 Surf	E507024-06A	Soil	06/30/25	07/03/25	Glass Jar, 2 oz.
FL2 1'	E507024-07A	Soil	06/30/25	07/03/25	Glass Jar, 2 oz.
FL2 2'	E507024-08A	Soil	06/30/25	07/03/25	Glass Jar, 2 oz.
FL2 3'	E507024-09A	Soil	06/30/25	07/03/25	Glass Jar, 2 oz.
FL2 4'	E507024-10A	Soil	06/30/25	07/03/25	Glass Jar, 2 oz.
FL3 Surf	E507024-11A	Soil	06/30/25	07/03/25	Glass Jar, 2 oz.
FL3 1'	E507024-12A	Soil	06/30/25	07/03/25	Glass Jar, 2 oz.
FL3 2'	E507024-13A	Soil	06/30/25	07/03/25	Glass Jar, 2 oz.
FL3 3'	E507024-14A	Soil	06/30/25	07/03/25	Glass Jar, 2 oz.
FL3 4'	E507024-15A	Soil	06/30/25	07/03/25	Glass Jar, 2 oz.
FL4 Surf	E507024-16A	Soil	06/30/25	07/03/25	Glass Jar, 2 oz.
FL4 1'	E507024-17A	Soil	06/30/25	07/03/25	Glass Jar, 2 oz.
FL4 2'	E507024-18A	Soil	06/30/25	07/03/25	Glass Jar, 2 oz.
FL4 3'	E507024-19A	Soil	06/30/25	07/03/25	Glass Jar, 2 oz.
FL4 4'	E507024-20A	Soil	06/30/25	07/03/25	Glass Jar, 2 oz.



Sample Data

Matador Resources, LLC.

5400 LBJ Freeway, Suite 1500

Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H

Project Number: 23052-0001

Project Manager: Daniel Dominguez

Reported:

7/10/2025 2:31:22PM

FL1 Surf

E507024-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2527111	
Benzene	ND	0.0250	1	07/03/25	07/09/25	
Ethylbenzene	ND	0.0250	1	07/03/25	07/09/25	
Toluene	ND	0.0250	1	07/03/25	07/09/25	
o-Xylene	ND	0.0250	1	07/03/25	07/09/25	
p,m-Xylene	ND	0.0500	1	07/03/25	07/09/25	
Total Xylenes	ND	0.0250	1	07/03/25	07/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		99.7 %	70-130	07/03/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2527111	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/03/25	07/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		105 %	70-130	07/03/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2528056	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>		108 %	61-141	07/08/25	07/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK		Batch: 2528060	
Chloride	41.5	40.0	2	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 2:31:22PM

FL1 1'

E507024-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2527111	
Benzene	ND	0.0250	1	07/03/25	07/09/25	
Ethylbenzene	ND	0.0250	1	07/03/25	07/09/25	
Toluene	ND	0.0250	1	07/03/25	07/09/25	
o-Xylene	ND	0.0250	1	07/03/25	07/09/25	
p,m-Xylene	ND	0.0500	1	07/03/25	07/09/25	
Total Xylenes	ND	0.0250	1	07/03/25	07/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.7 %	70-130		07/03/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2527111	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/03/25	07/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	104 %	70-130		07/03/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2528056	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>						
	116 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: AK		Batch: 2528060	
Chloride	ND	40.0	2	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 2:31:22PM

FL1 2'

E507024-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2527111
Benzene	ND	0.0250	1	07/03/25	07/09/25	
Ethylbenzene	ND	0.0250	1	07/03/25	07/09/25	
Toluene	ND	0.0250	1	07/03/25	07/09/25	
o-Xylene	ND	0.0250	1	07/03/25	07/09/25	
p,m-Xylene	ND	0.0500	1	07/03/25	07/09/25	
Total Xylenes	ND	0.0250	1	07/03/25	07/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.1 %	70-130		07/03/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2527111
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/03/25	07/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	102 %	70-130		07/03/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2528056
Diesel Range Organics (C10-C28)	34.9	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>						
	109 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: AK		Batch: 2528060
Chloride	567	100	5	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 2:31:22PM

FL1 3'

E507024-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2527111
Benzene	ND	0.0250	1	07/03/25	07/09/25	
Ethylbenzene	ND	0.0250	1	07/03/25	07/09/25	
Toluene	ND	0.0250	1	07/03/25	07/09/25	
o-Xylene	ND	0.0250	1	07/03/25	07/09/25	
p,m-Xylene	ND	0.0500	1	07/03/25	07/09/25	
Total Xylenes	ND	0.0250	1	07/03/25	07/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.2 %	70-130		07/03/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2527111
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/03/25	07/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	104 %	70-130		07/03/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2528056
Diesel Range Organics (C10-C28)	48.1	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>						
	113 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: AK		Batch: 2528060
Chloride	562	40.0	2	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 2:31:22PM

FL1 4'

E507024-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2527111
Benzene	ND	0.0250	1	07/03/25	07/09/25	
Ethylbenzene	ND	0.0250	1	07/03/25	07/09/25	
Toluene	ND	0.0250	1	07/03/25	07/09/25	
o-Xylene	ND	0.0250	1	07/03/25	07/09/25	
p,m-Xylene	ND	0.0500	1	07/03/25	07/09/25	
Total Xylenes	ND	0.0250	1	07/03/25	07/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.8 %	70-130		07/03/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2527111
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/03/25	07/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	104 %	70-130		07/03/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2528056
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>						
	106 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: AK		Batch: 2528060
Chloride	514	100	5	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 2:31:22PM

FL2 Surf

E507024-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2527111	
Benzene	ND	0.0250	1	07/03/25	07/09/25	
Ethylbenzene	ND	0.0250	1	07/03/25	07/09/25	
Toluene	ND	0.0250	1	07/03/25	07/09/25	
o-Xylene	ND	0.0250	1	07/03/25	07/09/25	
p,m-Xylene	ND	0.0500	1	07/03/25	07/09/25	
Total Xylenes	ND	0.0250	1	07/03/25	07/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.9 %	70-130		07/03/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2527111	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/03/25	07/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	105 %	70-130		07/03/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2528056	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>						
	108 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: AK		Batch: 2528060	
Chloride	ND	100	5	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 2:31:22PM

FL2 1'

E507024-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2527111	
Benzene	ND	0.0250	1	07/03/25	07/09/25	
Ethylbenzene	ND	0.0250	1	07/03/25	07/09/25	
Toluene	ND	0.0250	1	07/03/25	07/09/25	
o-Xylene	ND	0.0250	1	07/03/25	07/09/25	
p,m-Xylene	ND	0.0500	1	07/03/25	07/09/25	
Total Xylenes	ND	0.0250	1	07/03/25	07/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.7 %	70-130		07/03/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2527111	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/03/25	07/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	105 %	70-130		07/03/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2528056	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>						
	108 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: AK		Batch: 2528060	
Chloride	493	40.0	2	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 2:31:22PM

FL2 2'

E507024-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2527111
Benzene	ND	0.0250	1	07/03/25	07/09/25	
Ethylbenzene	ND	0.0250	1	07/03/25	07/09/25	
Toluene	ND	0.0250	1	07/03/25	07/09/25	
o-Xylene	ND	0.0250	1	07/03/25	07/09/25	
p,m-Xylene	ND	0.0500	1	07/03/25	07/09/25	
Total Xylenes	ND	0.0250	1	07/03/25	07/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.3 %	70-130		07/03/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2527111
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/03/25	07/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	106 %	70-130		07/03/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2528056
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>						
	110 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: AK		Batch: 2528060
Chloride	43.7	40.0	2	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 2:31:22PM

FL2 3'

E507024-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2527111	
Benzene	ND	0.0250	1	07/03/25	07/09/25	
Ethylbenzene	ND	0.0250	1	07/03/25	07/09/25	
Toluene	ND	0.0250	1	07/03/25	07/09/25	
o-Xylene	ND	0.0250	1	07/03/25	07/09/25	
p,m-Xylene	ND	0.0500	1	07/03/25	07/09/25	
Total Xylenes	ND	0.0250	1	07/03/25	07/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.5 %	70-130		07/03/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2527111	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/03/25	07/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	106 %	70-130		07/03/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2528056	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>						
	112 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: AK		Batch: 2528060	
Chloride	487	100	5	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 2:31:22PM

FL2 4'

E507024-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2527111	
Benzene	ND	0.0250	1	07/03/25	07/09/25	
Ethylbenzene	ND	0.0250	1	07/03/25	07/09/25	
Toluene	ND	0.0250	1	07/03/25	07/09/25	
o-Xylene	ND	0.0250	1	07/03/25	07/09/25	
p,m-Xylene	ND	0.0500	1	07/03/25	07/09/25	
Total Xylenes	ND	0.0250	1	07/03/25	07/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.4 %	70-130		07/03/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2527111	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/03/25	07/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	102 %	70-130		07/03/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2528056	
Diesel Range Organics (C10-C28)	39.0	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>						
	109 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: AK		Batch: 2528060	
Chloride	432	100	5	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 2:31:22PM

FL3 Surf

E507024-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2527111
Benzene	ND	0.0250	1	07/03/25	07/09/25	
Ethylbenzene	ND	0.0250	1	07/03/25	07/09/25	
Toluene	ND	0.0250	1	07/03/25	07/09/25	
o-Xylene	ND	0.0250	1	07/03/25	07/09/25	
p,m-Xylene	ND	0.0500	1	07/03/25	07/09/25	
Total Xylenes	ND	0.0250	1	07/03/25	07/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.2 %	70-130		07/03/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2527111
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/03/25	07/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	107 %	70-130		07/03/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2528056
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>						
	107 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: AK		Batch: 2528060
Chloride	47.5	40.0	2	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Janie Conner 13 24S 28E RB #221H Project Number: 23052-0001 Project Manager: Daniel Dominguez	Reported: 7/10/2025 2:31:22PM
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FL3 1'

E507024-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2527111	
Benzene	ND	0.0250	1	07/03/25	07/09/25	
Ethylbenzene	ND	0.0250	1	07/03/25	07/09/25	
Toluene	ND	0.0250	1	07/03/25	07/09/25	
o-Xylene	ND	0.0250	1	07/03/25	07/09/25	
p,m-Xylene	ND	0.0500	1	07/03/25	07/09/25	
Total Xylenes	ND	0.0250	1	07/03/25	07/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	98.1 %	70-130		07/03/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2527111	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/03/25	07/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	103 %	70-130		07/03/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2528056	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>	113 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK		Batch: 2528060	
Chloride	50.6	40.0	2	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 2:31:22PM

FL3 2'

E507024-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2527111	
Benzene	ND	0.0250	1	07/03/25	07/09/25	
Ethylbenzene	ND	0.0250	1	07/03/25	07/09/25	
Toluene	ND	0.0250	1	07/03/25	07/09/25	
o-Xylene	ND	0.0250	1	07/03/25	07/09/25	
p,m-Xylene	ND	0.0500	1	07/03/25	07/09/25	
Total Xylenes	ND	0.0250	1	07/03/25	07/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	97.8 %	70-130		07/03/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2527111	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/03/25	07/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	102 %	70-130		07/03/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2528056	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>	111 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK		Batch: 2528060	
Chloride	436	100	5	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.

5400 LBJ Freeway, Suite 1500

Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H

Project Number: 23052-0001

Project Manager: Daniel Dominguez

Reported:

7/10/2025 2:31:22PM

FL3 3'

E507024-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2527111	
Benzene	ND	0.0250	1	07/03/25	07/09/25	
Ethylbenzene	ND	0.0250	1	07/03/25	07/09/25	
Toluene	ND	0.0250	1	07/03/25	07/09/25	
o-Xylene	ND	0.0250	1	07/03/25	07/09/25	
p,m-Xylene	ND	0.0500	1	07/03/25	07/09/25	
Total Xylenes	ND	0.0250	1	07/03/25	07/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	96.5 %	70-130		07/03/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2527111	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/03/25	07/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	103 %	70-130		07/03/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2528056	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>	110 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK		Batch: 2528060	
Chloride	508	100	5	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 2:31:22PM

FL3 4'

E507024-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2527111	
Benzene	ND	0.0250	1	07/03/25	07/09/25	
Ethylbenzene	ND	0.0250	1	07/03/25	07/09/25	
Toluene	ND	0.0250	1	07/03/25	07/09/25	
o-Xylene	ND	0.0250	1	07/03/25	07/09/25	
p,m-Xylene	ND	0.0500	1	07/03/25	07/09/25	
Total Xylenes	ND	0.0250	1	07/03/25	07/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	98.3 %	70-130		07/03/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2527111	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/03/25	07/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	99.3 %	70-130		07/03/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2528056	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>	111 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK		Batch: 2528060	
Chloride	485	100	5	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 2:31:22PM

FL4 Surf

E507024-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2527111	
Benzene	ND	0.0250	1	07/03/25	07/09/25	
Ethylbenzene	ND	0.0250	1	07/03/25	07/09/25	
Toluene	ND	0.0250	1	07/03/25	07/09/25	
o-Xylene	ND	0.0250	1	07/03/25	07/09/25	
p,m-Xylene	ND	0.0500	1	07/03/25	07/09/25	
Total Xylenes	ND	0.0250	1	07/03/25	07/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.2 %	70-130		07/03/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2527111	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/03/25	07/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	102 %	70-130		07/03/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2528056	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>						
	108 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: AK		Batch: 2528060	
Chloride	ND	100	5	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 2:31:22PM

FL4 1'

E507024-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2527111	
Benzene	ND	0.0250	1	07/03/25	07/09/25	
Ethylbenzene	ND	0.0250	1	07/03/25	07/09/25	
Toluene	ND	0.0250	1	07/03/25	07/09/25	
o-Xylene	ND	0.0250	1	07/03/25	07/09/25	
p,m-Xylene	ND	0.0500	1	07/03/25	07/09/25	
Total Xylenes	ND	0.0250	1	07/03/25	07/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.3 %	70-130		07/03/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2527111	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/03/25	07/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	103 %	70-130		07/03/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2528056	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>						
	104 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: AK		Batch: 2528060	
Chloride	48.5	40.0	2	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 2:31:22PM

FL4 2'

E507024-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2527111	
Benzene	ND	0.0250	1	07/03/25	07/09/25	
Ethylbenzene	ND	0.0250	1	07/03/25	07/09/25	
Toluene	ND	0.0250	1	07/03/25	07/09/25	
o-Xylene	ND	0.0250	1	07/03/25	07/09/25	
p,m-Xylene	ND	0.0500	1	07/03/25	07/09/25	
Total Xylenes	ND	0.0250	1	07/03/25	07/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.9 %	70-130		07/03/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2527111	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/03/25	07/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	104 %	70-130		07/03/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2528056	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>						
	110 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: AK		Batch: 2528060	
Chloride	415	40.0	2	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 2:31:22PM

FL4 3'

E507024-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2527111	
Benzene	ND	0.0250	1	07/03/25	07/09/25	
Ethylbenzene	ND	0.0250	1	07/03/25	07/09/25	
Toluene	ND	0.0250	1	07/03/25	07/09/25	
o-Xylene	ND	0.0250	1	07/03/25	07/09/25	
p,m-Xylene	ND	0.0500	1	07/03/25	07/09/25	
Total Xylenes	ND	0.0250	1	07/03/25	07/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.9 %	70-130		07/03/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2527111	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/03/25	07/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	102 %	70-130		07/03/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2528056	
Diesel Range Organics (C10-C28)	35.7	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>						
	104 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: AK		Batch: 2528060	
Chloride	406	40.0	2	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 2:31:22PM

FL4 4'

E507024-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2527111	
Benzene	ND	0.0250	1	07/03/25	07/09/25	
Ethylbenzene	ND	0.0250	1	07/03/25	07/09/25	
Toluene	ND	0.0250	1	07/03/25	07/09/25	
o-Xylene	ND	0.0250	1	07/03/25	07/09/25	
p,m-Xylene	ND	0.0500	1	07/03/25	07/09/25	
Total Xylenes	ND	0.0250	1	07/03/25	07/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.8 %	70-130		07/03/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2527111	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/03/25	07/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	102 %	70-130		07/03/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2528056	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>						
	98.8 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: AK		Batch: 2528060	
Chloride	411	100	5	07/08/25	07/09/25	



QC Summary Data

Matador Resources, LLC.	Project Name:	Janie Conner 13 24S 28E RB #221H	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23052-0001	
Dallas TX, 75240	Project Manager:	Daniel Dominguez	7/10/2025 2:31:22PM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2527111-BLK1)

Prepared: 07/03/25 Analyzed: 07/09/25

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.84		8.00		98.0	70-130			

LCS (2527111-BS1)

Prepared: 07/03/25 Analyzed: 07/09/25

Benzene	4.98	0.0250	5.00		99.6	70-130			
Ethylbenzene	4.93	0.0250	5.00		98.6	70-130			
Toluene	4.97	0.0250	5.00		99.3	70-130			
o-Xylene	4.93	0.0250	5.00		98.7	70-130			
p,m-Xylene	10.0	0.0500	10.0		100	70-130			
Total Xylenes	14.9	0.0250	15.0		99.6	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.67		8.00		95.9	70-130			

Matrix Spike (2527111-MS1)

Source: E507024-04

Prepared: 07/03/25 Analyzed: 07/09/25

Benzene	5.59	0.0250	5.00	ND	112	70-130			
Ethylbenzene	5.53	0.0250	5.00	ND	111	70-130			
Toluene	5.57	0.0250	5.00	ND	111	70-130			
o-Xylene	5.52	0.0250	5.00	ND	110	70-130			
p,m-Xylene	11.2	0.0500	10.0	ND	112	70-130			
Total Xylenes	16.7	0.0250	15.0	ND	111	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.71		8.00		96.3	70-130			

Matrix Spike Dup (2527111-MSD1)

Source: E507024-04

Prepared: 07/03/25 Analyzed: 07/09/25

Benzene	4.91	0.0250	5.00	ND	98.2	70-130	12.9	27	
Ethylbenzene	4.89	0.0250	5.00	ND	97.7	70-130	12.4	26	
Toluene	4.90	0.0250	5.00	ND	98.0	70-130	12.8	20	
o-Xylene	4.89	0.0250	5.00	ND	97.9	70-130	12.0	25	
p,m-Xylene	9.90	0.0500	10.0	ND	99.0	70-130	12.2	23	
Total Xylenes	14.8	0.0250	15.0	ND	98.7	70-130	12.2	26	
Surrogate: 4-Bromochlorobenzene-PID	7.59		8.00		94.9	70-130			



QC Summary Data

Matador Resources, LLC.	Project Name:	Janie Conner 13 24S 28E RB #221H	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23052-0001	
Dallas TX, 75240	Project Manager:	Daniel Dominguez	7/10/2025 2:31:22PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2527111-BLK1) Prepared: 07/03/25 Analyzed: 07/09/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.39		8.00		105	70-130			

LCS (2527111-BS2) Prepared: 07/03/25 Analyzed: 07/09/25

Gasoline Range Organics (C6-C10)	47.3	20.0	50.0		94.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.65		8.00		108	70-130			

Matrix Spike (2527111-MS2) Source: E507024-04 Prepared: 07/03/25 Analyzed: 07/09/25

Gasoline Range Organics (C6-C10)	51.3	20.0	50.0	ND	103	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.48		8.00		106	70-130			

Matrix Spike Dup (2527111-MSD2) Source: E507024-04 Prepared: 07/03/25 Analyzed: 07/09/25

Gasoline Range Organics (C6-C10)	50.3	20.0	50.0	ND	101	70-130	1.94	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.64		8.00		108	70-130			



QC Summary Data

Matador Resources, LLC.	Project Name:	Janie Conner 13 24S 28E RB #221H	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23052-0001	
Dallas TX, 75240	Project Manager:	Daniel Dominguez	7/10/2025 2:31:22PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2528056-BLK1)					Prepared: 07/08/25 Analyzed: 07/08/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	52.3		50.0		105	61-141			

LCS (2528056-BS1)					Prepared: 07/08/25 Analyzed: 07/08/25				
Diesel Range Organics (C10-C28)	277	25.0	250		111	66-144			
Surrogate: n-Nonane	55.0		50.0		110	61-141			

Matrix Spike (2528056-MS1)					Source: E507024-06		Prepared: 07/08/25 Analyzed: 07/08/25		
Diesel Range Organics (C10-C28)	274	25.0	250	ND	110	56-156			
Surrogate: n-Nonane	53.9		50.0		108	61-141			

Matrix Spike Dup (2528056-MSD1)					Source: E507024-06		Prepared: 07/08/25 Analyzed: 07/09/25		
Diesel Range Organics (C10-C28)	278	25.0	250	ND	111	56-156	1.53	20	
Surrogate: n-Nonane	55.0		50.0		110	61-141			



QC Summary Data

Matador Resources, LLC.	Project Name:	Janie Conner 13 24S 28E RB #221H	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23052-0001	
Dallas TX, 75240	Project Manager:	Daniel Dominguez	7/10/2025 2:31:22PM

Anions by EPA 300.0/9056A

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
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Blank (2528060-BLK1)					Prepared: 07/08/25 Analyzed: 07/09/25				
Chloride	ND	20.0							
LCS (2528060-BS1)					Prepared: 07/08/25 Analyzed: 07/09/25				
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2528060-MS1)					Source: E507024-04		Prepared: 07/08/25 Analyzed: 07/09/25		
Chloride	772	40.0	250	562	83.9	80-120			
Matrix Spike Dup (2528060-MSD1)					Source: E507024-04		Prepared: 07/08/25 Analyzed: 07/09/25		
Chloride	748	40.0	250	562	74.5	80-120	3.10	20	M2

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 13 24S 28E RB #221H	
5400 LBJ Freeway, Suite 1500	Project Number:	23052-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	07/10/25 14:31

- M2 Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.

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

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

Released to: Hungry Horse 9/10/2025 9:32:12 AM

Received by OCD: 8/28/2025 7:17:48 AM

Client: Matador Resources Company				Bill To				Lab Use Only				TAT				EPA Program											
Project: Janie Conner 13 24S 28E RB #221H				Attention: Jason Touchet				Lab WO#		Job Number		1D	2D	3D	Standard	CWA	SDWA										
Project Manager: Daniel Dominguez				Address: 5400 LBJ Freeway Ste 1500				E507024		23052-0001					X												
Address: 4024 Plains Hwy				City, State, Zip: Dallas				Analysis and Method										RCRA									
City, State, Zip: Lovington, NM 88260, NM, 88260				Phone: 3376523463														State									
Phone: 575 393-3386				Email: jason.touchet@matadorresources.com														NM		CO		UT		AZ		TX	
mail: pm@hungry-horse.com																		X									
Report due by:																											

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Depth	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
805	30-Jun	Soil	1	FL1	Surf	1							X		4.0
810	30-Jun	Soil	1	FL1	1'	2							X		4.2
815	30-Jun	Soil	1	FL1	2'	3							X		4.6
820	30-Jun	Soil	1	FL1	3'	4							X		4.1
825	30-Jun	Soil	1	FL1	4'	5							X		3.8
830	30-Jun	Soil	1	FL2	Surf	6							X		4.2
835	30-Jun	Soil	1	FL2	1'	7							X		3.6
840	30-Jun	Soil	1	FL2	2'	8							X		3.4
845	30-Jun	Soil	1	FL2	3'	9							X		4.0
850	30-Jun	Soil	1	FL2	4'	10							X		4.2

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Sampled by: _____

Relinquished by: (Signature) _____ Date 7/2/25 Time 1330

Received by: (Signature) Michelle Gonzales Date 7-2-25 Time 1330

Relinquished by: (Signature) Michelle Gonzales Date 7-2-25 Time 1700

Received by: (Signature) _____ Date 7-2-25 Time 1700

Relinquished by: (Signature) _____ Date 7-2-25 Time 2400

Received by: (Signature) Caitlynn Mann Date 7-3-25 Time 900

Received on ice: (Y) / N

T1 _____ T2 _____ T3 _____

AVG Temp °C _____

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

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

Note: Samples are discarded 30 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.

Page 74 of 372

Client: Matador Resources Company				Bill To Attention: Jason Touchet Address: 5400 LBJ Freeway Ste 1500 City, State, Zip: Dallas Phone: 3376523463 Email: jason.touchet@matadorresources.com				Lab Use Only				TAT				EPA Program		
Project: Janie Conner 13 24S 28E RB #221H								Lab WO# E507024		Job Number 23050-0001		1D	2D	3D	Standard		CWA	SDWA
Project Manager: Daniel Dominguez																		
Address: 4024 Plains Hwy																		
City, State, Zip: Lovington, NM 88260, NM, 88260																		
Phone: 575 393-3386														RCRA				
Email: pm@hungry-horse.com														State				
Report due by:														NM CO UT AZ TX				
														X				
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Depth	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BDOC NM	BDOC TX	Remarks			
905	30-Jun	Soil	1	FL3	Surf	11							X		3.6			
910	30-Jun	Soil	1	FL3	1'	12							X		3.6			
915	30-Jun	Soil	1	FL3	2'	13							X		3.8			
920	30-Jun	Soil	1	FL3	3'	14							X		4.0			
925	30-Jun	Soil	1	FL3	4'	15							X		4.1			
930	30-Jun	Soil	1	FL4	Surf	16							X		3.6			
935	30-Jun	Soil	1	FL4	1'	17							X		3.4			
940	30-Jun	Soil	1	FL4	2'	18							X		3.2			
945	30-Jun	Soil	1	FL4	3'	19							X		3.0			
950	30-Jun	Soil	1	FL4	4'	20							X		3.4			
Additional Instructions: I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																		
Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6°C on subsequent days.																		
Relinquished by: (Signature) <i>[Signature]</i> Date 7/2/25 Time 1330						Received by: (Signature) <i>Michelle Gonzales</i> Date 7-2-25 Time 1330						Lab Use Only Received on ice: <input checked="" type="radio"/> Y / <input type="radio"/> N						
Relinquished by: (Signature) <i>Michelle Gonzales</i> Date 7-2-25 Time 1700						Received by: (Signature) <i>[Signature]</i> Date 7.2.25 Time 1700						T1 T2 T3						
Relinquished by: (Signature) <i>[Signature]</i> Date 7.2.25 Time 2400						Received by: (Signature) <i>Caitlin Mann</i> Date 7-3-25 Time 900						AVG Temp °C						
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																		
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																		
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																		

Envirotech Analytical Laboratory

Printed: 7/3/2025 2:22:02PM

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:	07/03/25 09:00	Work Order ID:	E507024
Phone:	(972) 371-5200	Date Logged In:	07/02/25 15:54	Logged In By:	Caitlin Mars
Email:	pm@hungry-horse.com	Due Date:	07/10/25 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

Carrier: Courier

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

Sample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client InstructionComments/Resolution

Project Janie Conner 13 24S 28E RB #221H has been separated into multiple reports due to sample volume. WOs are E507024 to E507032. Sampled by not provided on COC.

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

Date



envirotech Inc.

Report to:

Daniel Dominguez



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Matador Resources, LLC.

Project Name: Janie Conner 13 24S 28E RB
#221H

Work Order: E507025

Job Number: 23052-0001

Received: 7/3/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/10/25

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 7/10/25



Daniel Dominguez
5400 LBJ Freeway, Suite 1500
Dallas, TX 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Workorder: E507025
Date Received: 7/3/2025 9:00:00AM

Daniel Dominguez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/3/2025 9:00:00AM, under the Project Name: Janie Conner 13 24S 28E RB #221H.

The analytical test results summarized in this report with the Project Name: Janie Conner 13 24S 28E RB #221H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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

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mgonzaless@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Matador Resources, LLC.

5400 LBJ Freeway, Suite 1500

Dallas TX, 75240

Project Name:

Janie Conner 13 24S 28E RB #221H

Project Number:

23052-0001

Project Manager:

Daniel Dominguez

Reported:

07/10/25 16:15

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FL5 Surf	E507025-01A	Soil	06/30/25	07/03/25	Glass Jar, 2 oz.
FL5 1'	E507025-02A	Soil	06/30/25	07/03/25	Glass Jar, 2 oz.
FL5 2'	E507025-03A	Soil	06/30/25	07/03/25	Glass Jar, 2 oz.
FL5 3'	E507025-04A	Soil	06/30/25	07/03/25	Glass Jar, 2 oz.
FL5 4'	E507025-05A	Soil	06/30/25	07/03/25	Glass Jar, 2 oz.
FL6 Surf	E507025-06A	Soil	06/30/25	07/03/25	Glass Jar, 2 oz.
FL6 1'	E507025-07A	Soil	06/30/25	07/03/25	Glass Jar, 2 oz.
FL6 2'	E507025-08A	Soil	06/30/25	07/03/25	Glass Jar, 2 oz.
FL6 3'	E507025-09A	Soil	06/30/25	07/03/25	Glass Jar, 2 oz.
FL6 4'	E507025-10A	Soil	06/30/25	07/03/25	Glass Jar, 2 oz.
FL7 Surf	E507025-11A	Soil	06/30/25	07/03/25	Glass Jar, 2 oz.
FL7 1'	E507025-12A	Soil	06/30/25	07/03/25	Glass Jar, 2 oz.
FL7 2'	E507025-13A	Soil	06/30/25	07/03/25	Glass Jar, 2 oz.
FL7 3'	E507025-14A	Soil	06/30/25	07/03/25	Glass Jar, 2 oz.
FL7 4'	E507025-15A	Soil	06/30/25	07/03/25	Glass Jar, 2 oz.
FL8 Surf	E507025-16A	Soil	06/30/25	07/03/25	Glass Jar, 2 oz.
FL8 1'	E507025-17A	Soil	06/30/25	07/03/25	Glass Jar, 2 oz.
FL8 2'	E507025-18A	Soil	06/30/25	07/03/25	Glass Jar, 2 oz.
FL8 3'	E507025-19A	Soil	06/30/25	07/03/25	Glass Jar, 2 oz.
FL8 4'	E507025-20A	Soil	06/30/25	07/03/25	Glass Jar, 2 oz.



Sample Data

Matador Resources, LLC.

5400 LBJ Freeway, Suite 1500

Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H

Project Number: 23052-0001

Project Manager: Daniel Dominguez

Reported:

7/10/2025 4:15:51PM

FL5 Surf

E507025-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2528007	
Benzene	ND	0.0250	1	07/07/25	07/09/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/09/25	
Toluene	ND	0.0250	1	07/07/25	07/09/25	
o-Xylene	ND	0.0250	1	07/07/25	07/09/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/09/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		87.1 %	70-130	07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2528007	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.6 %	70-130	07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS		Batch: 2528057	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>		107 %	61-141	07/08/25	07/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK		Batch: 2528061	
Chloride	ND	100	5	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 4:15:51PM

FL5 1'

E507025-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2528007	
Benzene	ND	0.0250	1	07/07/25	07/09/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/09/25	
Toluene	ND	0.0250	1	07/07/25	07/09/25	
o-Xylene	ND	0.0250	1	07/07/25	07/09/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/09/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	87.7 %	70-130		07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2528007	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	94.4 %	70-130		07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS		Batch: 2528057	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>	110 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK		Batch: 2528061	
Chloride	ND	100	5	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 4:15:51PM

FL5 2'

E507025-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2528007
Benzene	ND	0.0250	1	07/07/25	07/09/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/09/25	
Toluene	ND	0.0250	1	07/07/25	07/09/25	
o-Xylene	ND	0.0250	1	07/07/25	07/09/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/09/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	86.8 %	70-130		07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2528007
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.3 %	70-130		07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2528057
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>						
	109 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: AK		Batch: 2528061
Chloride	451	40.0	2	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 4:15:51PM

FL5 3'

E507025-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2528007
Benzene	ND	0.0250	1	07/07/25	07/09/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/09/25	
Toluene	ND	0.0250	1	07/07/25	07/09/25	
o-Xylene	ND	0.0250	1	07/07/25	07/09/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/09/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	89.4 %	70-130		07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2528007
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.8 %	70-130		07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2528057
Diesel Range Organics (C10-C28)	36.6	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>						
	108 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: AK		Batch: 2528061
Chloride	470	40.0	2	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 4:15:51PM

FL5 4'

E507025-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2528007
Benzene	ND	0.0250	1	07/07/25	07/09/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/09/25	
Toluene	ND	0.0250	1	07/07/25	07/09/25	
o-Xylene	ND	0.0250	1	07/07/25	07/09/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/09/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	89.1 %	70-130		07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2528007
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.8 %	70-130		07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2528057
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>						
	110 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: AK		Batch: 2528061
Chloride	355	100	5	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 4:15:51PM

FL6 Surf

E507025-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2528007	
Benzene	ND	0.0250	1	07/07/25	07/09/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/09/25	
Toluene	ND	0.0250	1	07/07/25	07/09/25	
o-Xylene	ND	0.0250	1	07/07/25	07/09/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/09/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	87.0 %	70-130		07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2528007	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.9 %	70-130		07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2528057	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>						
	110 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: AK		Batch: 2528061	
Chloride	44.0	40.0	2	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 4:15:51PM

FL6 1'

E507025-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2528007	
Benzene	ND	0.0250	1	07/07/25	07/09/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/09/25	
Toluene	ND	0.0250	1	07/07/25	07/09/25	
o-Xylene	ND	0.0250	1	07/07/25	07/09/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/09/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	87.3 %	70-130		07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2528007	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.4 %	70-130		07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2528057	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>						
	109 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: AK		Batch: 2528061	
Chloride	ND	40.0	2	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 4:15:51PM

FL6 2'

E507025-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2528007	
Benzene	ND	0.0250	1	07/07/25	07/09/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/09/25	
Toluene	ND	0.0250	1	07/07/25	07/09/25	
o-Xylene	ND	0.0250	1	07/07/25	07/09/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/09/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	89.2 %	70-130		07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2528007	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.0 %	70-130		07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2528057	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>						
	113 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: AK		Batch: 2528061	
Chloride	574	100	5	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 4:15:51PM

FL6 3'

E507025-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2528007	
Benzene	ND	0.0250	1	07/07/25	07/09/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/09/25	
Toluene	ND	0.0250	1	07/07/25	07/09/25	
o-Xylene	ND	0.0250	1	07/07/25	07/09/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/09/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	87.5 %	70-130		07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2528007	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	93.5 %	70-130		07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS		Batch: 2528057	
Diesel Range Organics (C10-C28)	25.5	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>	111 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK		Batch: 2528061	
Chloride	558	100	5	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 4:15:51PM

FL6 4'

E507025-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2528007	
Benzene	ND	0.0250	1	07/07/25	07/09/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/09/25	
Toluene	ND	0.0250	1	07/07/25	07/09/25	
o-Xylene	ND	0.0250	1	07/07/25	07/09/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/09/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	88.5 %	70-130		07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2528007	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.5 %	70-130		07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2528057	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>						
	111 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: AK		Batch: 2528061	
Chloride	375	40.0	2	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 4:15:51PM

FL7 Surf

E507025-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2528007	
Benzene	ND	0.0250	1	07/07/25	07/10/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/10/25	
Toluene	ND	0.0250	1	07/07/25	07/10/25	
o-Xylene	ND	0.0250	1	07/07/25	07/10/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/10/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	88.0 %	70-130		07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2528007	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	93.5 %	70-130		07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS		Batch: 2528057	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>	110 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK		Batch: 2528061	
Chloride	42.3	40.0	2	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 4:15:51PM

FL7 1'

E507025-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2528007	
Benzene	ND	0.0250	1	07/07/25	07/10/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/10/25	
Toluene	ND	0.0250	1	07/07/25	07/10/25	
o-Xylene	ND	0.0250	1	07/07/25	07/10/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/10/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	87.9 %	70-130		07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2528007	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	93.2 %	70-130		07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS		Batch: 2528057	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>	102 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK		Batch: 2528061	
Chloride	ND	40.0	2	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 4:15:51PM

FL7 2'

E507025-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2528007	
Benzene	ND	0.0250	1	07/07/25	07/10/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/10/25	
Toluene	ND	0.0250	1	07/07/25	07/10/25	
o-Xylene	ND	0.0250	1	07/07/25	07/10/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/10/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	87.9 %	70-130		07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2528007	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	93.8 %	70-130		07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS		Batch: 2528057	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>	107 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK		Batch: 2528061	
Chloride	475	100	5	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 4:15:51PM

FL7 3'

E507025-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2528007	
Benzene	ND	0.0250	1	07/07/25	07/10/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/10/25	
Toluene	ND	0.0250	1	07/07/25	07/10/25	
o-Xylene	ND	0.0250	1	07/07/25	07/10/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/10/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	87.5 %	70-130		07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2528007	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	95.7 %	70-130		07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS		Batch: 2528057	
Diesel Range Organics (C10-C28)	35.9	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>	110 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK		Batch: 2528061	
Chloride	551	100	5	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 4:15:51PM

FL7 4'

E507025-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2528007	
Benzene	ND	0.0250	1	07/07/25	07/10/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/10/25	
Toluene	ND	0.0250	1	07/07/25	07/10/25	
o-Xylene	ND	0.0250	1	07/07/25	07/10/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/10/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	88.9 %	70-130		07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2528007	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	94.5 %	70-130		07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS		Batch: 2528057	
Diesel Range Organics (C10-C28)	89.2	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>	111 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK		Batch: 2528061	
Chloride	378	100	5	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 4:15:51PM

FL8 Surf

E507025-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2528007	
Benzene	ND	0.0250	1	07/07/25	07/10/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/10/25	
Toluene	ND	0.0250	1	07/07/25	07/10/25	
o-Xylene	ND	0.0250	1	07/07/25	07/10/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/10/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	89.7 %	70-130		07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2528007	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	93.1 %	70-130		07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS		Batch: 2528057	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>	109 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK		Batch: 2528061	
Chloride	ND	100	5	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 4:15:51PM

FL8 1'

E507025-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2528007	
Benzene	ND	0.0250	1	07/07/25	07/10/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/10/25	
Toluene	ND	0.0250	1	07/07/25	07/10/25	
o-Xylene	ND	0.0250	1	07/07/25	07/10/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/10/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	91.4 %	70-130		07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2528007	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	93.1 %	70-130		07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS		Batch: 2528057	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>	108 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK		Batch: 2528061	
Chloride	49.4	40.0	2	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 4:15:51PM

FL8 2'

E507025-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2528007	
Benzene	ND	0.0250	1	07/07/25	07/10/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/10/25	
Toluene	ND	0.0250	1	07/07/25	07/10/25	
o-Xylene	ND	0.0250	1	07/07/25	07/10/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/10/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		91.7 %	70-130	07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2528007	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.2 %	70-130	07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS		Batch: 2528057	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>		111 %	61-141	07/08/25	07/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK		Batch: 2528061	
Chloride	513	100	5	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 4:15:51PM

FL8 3'

E507025-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2528007	
Benzene	ND	0.0250	1	07/07/25	07/10/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/10/25	
Toluene	ND	0.0250	1	07/07/25	07/10/25	
o-Xylene	ND	0.0250	1	07/07/25	07/10/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/10/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.0 %	70-130		07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2528007	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.1 %	70-130		07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2528057	
Diesel Range Organics (C10-C28)	42.4	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>						
	108 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: AK		Batch: 2528061	
Chloride	397	40.0	2	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 4:15:51PM

FL8 4'

E507025-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2528007	
Benzene	ND	0.0250	1	07/07/25	07/10/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/10/25	
Toluene	ND	0.0250	1	07/07/25	07/10/25	
o-Xylene	ND	0.0250	1	07/07/25	07/10/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/10/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	91.9 %	70-130		07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2528007	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	92.6 %	70-130		07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS		Batch: 2528057	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>	119 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK		Batch: 2528061	
Chloride	415	100	5	07/08/25	07/09/25	



QC Summary Data

Matador Resources, LLC.	Project Name:	Janie Conner 13 24S 28E RB #221H	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23052-0001	
Dallas TX, 75240	Project Manager:	Daniel Dominguez	7/10/2025 4:15:51PM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2528007-BLK1)

Prepared: 07/07/25 Analyzed: 07/09/25

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	6.92		8.00		86.5	70-130			

LCS (2528007-BS1)

Prepared: 07/07/25 Analyzed: 07/09/25

Benzene	4.83	0.0250	5.00		96.5	70-130			
Ethylbenzene	4.73	0.0250	5.00		94.7	70-130			
Toluene	4.80	0.0250	5.00		96.0	70-130			
o-Xylene	4.69	0.0250	5.00		93.8	70-130			
p,m-Xylene	9.57	0.0500	10.0		95.7	70-130			
Total Xylenes	14.3	0.0250	15.0		95.0	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.00		8.00		87.5	70-130			

Matrix Spike (2528007-MS1)

Source: E507025-02

Prepared: 07/07/25 Analyzed: 07/09/25

Benzene	5.15	0.0250	5.00	ND	103	70-130			
Ethylbenzene	5.04	0.0250	5.00	ND	101	70-130			
Toluene	5.12	0.0250	5.00	ND	102	70-130			
o-Xylene	5.05	0.0250	5.00	ND	101	70-130			
p,m-Xylene	10.2	0.0500	10.0	ND	102	70-130			
Total Xylenes	15.2	0.0250	15.0	ND	102	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.10		8.00		88.8	70-130			

Matrix Spike Dup (2528007-MSD1)

Source: E507025-02

Prepared: 07/07/25 Analyzed: 07/09/25

Benzene	5.61	0.0250	5.00	ND	112	70-130	8.60	27	
Ethylbenzene	5.50	0.0250	5.00	ND	110	70-130	8.59	26	
Toluene	5.57	0.0250	5.00	ND	111	70-130	8.43	20	
o-Xylene	5.44	0.0250	5.00	ND	109	70-130	7.56	25	
p,m-Xylene	11.1	0.0500	10.0	ND	111	70-130	8.23	23	
Total Xylenes	16.5	0.0250	15.0	ND	110	70-130	8.01	26	
Surrogate: 4-Bromochlorobenzene-PID	7.07		8.00		88.4	70-130			



QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Janie Conner 13 24S 28E RB #221H Project Number: 23052-0001 Project Manager: Daniel Dominguez	Reported: 7/10/2025 4:15:51PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2528007-BLK1)

Prepared: 07/07/25 Analyzed: 07/09/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.55		8.00		94.4	70-130			

LCS (2528007-BS2)

Prepared: 07/07/25 Analyzed: 07/09/25

Gasoline Range Organics (C6-C10)	47.2	20.0	50.0		94.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.61		8.00		95.2	70-130			

Matrix Spike (2528007-MS2)

Source: E507025-02

Prepared: 07/07/25 Analyzed: 07/09/25

Gasoline Range Organics (C6-C10)	48.0	20.0	50.0	ND	96.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.62		8.00		95.3	70-130			

Matrix Spike Dup (2528007-MSD2)

Source: E507025-02

Prepared: 07/07/25 Analyzed: 07/09/25

Gasoline Range Organics (C6-C10)	47.8	20.0	50.0	ND	95.7	70-130	0.309	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.60		8.00		95.0	70-130			



QC Summary Data

Matador Resources, LLC.	Project Name:	Janie Conner 13 24S 28E RB #221H	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23052-0001	
Dallas TX, 75240	Project Manager:	Daniel Dominguez	7/10/2025 4:15:51PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2528057-BLK1)					Prepared: 07/08/25 Analyzed: 07/09/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	53.8		50.0		108	61-141			

LCS (2528057-BS1)					Prepared: 07/08/25 Analyzed: 07/09/25				
Diesel Range Organics (C10-C28)	271	25.0	250		108	66-144			
Surrogate: n-Nonane	52.3		50.0		105	61-141			

Matrix Spike (2528057-MS1)					Source: E507025-01		Prepared: 07/08/25 Analyzed: 07/09/25		
Diesel Range Organics (C10-C28)	275	25.0	250	ND	110	56-156			
Surrogate: n-Nonane	53.0		50.0		106	61-141			

Matrix Spike Dup (2528057-MSD1)					Source: E507025-01		Prepared: 07/08/25 Analyzed: 07/09/25		
Diesel Range Organics (C10-C28)	272	25.0	250	ND	109	56-156	1.17	20	
Surrogate: n-Nonane	53.0		50.0		106	61-141			



QC Summary Data

Matador Resources, LLC.	Project Name:	Janie Conner 13 24S 28E RB #221H	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23052-0001	
Dallas TX, 75240	Project Manager:	Daniel Dominguez	7/10/2025 4:15:51PM

Anions by EPA 300.0/9056A

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
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Blank (2528061-BLK1)					Prepared: 07/08/25 Analyzed: 07/09/25				
Chloride	ND	20.0							
LCS (2528061-BS1)					Prepared: 07/08/25 Analyzed: 07/09/25				
Chloride	250	20.0	250		100	90-110			
Matrix Spike (2528061-MS1)					Source: E507025-05		Prepared: 07/08/25 Analyzed: 07/09/25		
Chloride	628	100	250	355	109	80-120			
Matrix Spike Dup (2528061-MSD1)					Source: E507025-05		Prepared: 07/08/25 Analyzed: 07/09/25		
Chloride	627	100	250	355	109	80-120	0.0478	20	

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

Definitions and Notes

Matador Resources, LLC.	Project Name:	Janie Conner 13 24S 28E RB #221H	
5400 LBJ Freeway, Suite 1500	Project Number:	23052-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	07/10/25 16:15

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

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

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



Client: Matador Resources Company				Bill To				Lab Use Only				TAT				EPA Program			
Project: Janie Conner 13 24S 28E RB #221H				Attention: Jason Touchet				Lab WO#		Job Number		1D	2D	3D	Standard	CWA	SDWA		
Project Manager: Daniel Dominguez				Address: 5400 LBJ Freeway Ste 1500				E507025		23052-0001					X				
Address: 4024 Plains Hwy				City, State, Zip: Dallas				Analysis and Method										RCRA	
City, State, Zip: Lovington, NM 88260, NM, 88260				Phone: 3376523463														State	
Phone: 575 393-3386				Email: jason.touchet@matadorresources.com														NM	
mail: pm@hungry-horse.com																		Remarks	
Report due by:																			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Depth	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC NM	BGDOC TX				
1005	30-Jun	Soil	1	FL5	Surf	1								X			4.1		
1010	30-Jun	Soil	1	FL5	1'	2								X			4.0		
1015	30-Jun	Soil	1	FL5	2'	3								X			3.8		
1020	30-Jun	Soil	1	FL5	3'	4								X			3.6		
1025	30-Jun	Soil	1	FL5	4'	5								X			4.1		
1030	30-Jun	Soil	1	FL6	Surf	6								X			4.0		
1035	30-Jun	Soil	1	FL6	1'	7								X			3.0		
1040	30-Jun	Soil	1	FL6	2'	8								X			3.4		
1045	30-Jun	Soil	1	FL6	3'	9								X			3.6		
1050	30-Jun	Soil	1	FL6	4'	10								X			4.6		

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Sampled by: _____

Relinquished by: (Signature) _____ Date 7/2/25 Time 1330 Received by: (Signature) Michelle Gonzales Date 7-2-25 Time 1330

Relinquished by: (Signature) Michelle Gonzales Date 7-2-25 Time 1700 Received by: (Signature) J.H. Date 7.2.25 Time 1700

Relinquished by: (Signature) J.H. Date 7.2.25 Time 2400 Received by: (Signature) Carter Mann Date 7-3-25 Time 900

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____ Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 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.

Client: Matador Resources Company				Bill To				Lab Use Only				TAT				EPA Program			
Project: Janie Conner 13 24S 28E RB #221H				Attention: Jason Touchet				Lab WO#		Job Number		1D	2D	3D	Standard	CWA	SDWA		
Project Manager: Daniel Dominguez				Address: 5400 LBJ Freeway Ste 1500				E501025		23052-0001					X				
Address: 4024 Plains Hwy				City, State, Zip: Dallas				Analysis and Method										RCRA	
City, State, Zip: Lovington, NM 88260, NM, 88260				Phone: 3376523463														State	
Phone: 575 393-3386				Email: jason.touchet@matadorresources.com														NM	
Email: pm@hungry-horse.com																		Remarks	
Report due by:																			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Depth	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX					
1105	30-Jun	Soil	1	FL7	Surf	11							X				4.1		
1110	30-Jun	Soil	1	FL7	1'	12							X				4.1		
1115	30-Jun	Soil	1	FL7	2'	13							X				4.0		
1120	30-Jun	Soil	1	FL7	3'	14							X				3.8		
1125	30-Jun	Soil	1	FL7	4'	15							X				3.6		
1130	30-Jun	Soil	1	FL8	Surf	16							X				3.5		
1135	30-Jun	Soil	1	FL8	1'	17							X				3.4		
1140	30-Jun	Soil	1	FL8	2'	18							X				4.2		
1145	30-Jun	Soil	1	FL8	3'	19							X				4.4		
1150	30-Jun	Soil	1	FL8	4'	20							X				4.5		

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Sampled by: _____

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only Received on ice: <input checked="" type="radio"/> Y / <input type="radio"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C _____
<i>[Signature]</i>	7/2/25	1330	<i>Michelle Gonzales</i>	7-2-25	1330	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
<i>Michelle Gonzales</i>	7-2-25	1700	<i>L.H.</i>	7-2-25	1700	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
<i>L.H.</i>	7-2-25	2400	<i>Caitlin Mann</i>	7-3-25	900	

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

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

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Envirotech Analytical Laboratory

Printed: 7/3/2025 2:25:49PM

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:	07/03/25 09:00	Work Order ID:	E507025
Phone:	(972) 371-5200	Date Logged In:	07/02/25 15:59	Logged In By:	Caitlin Mars
Email:	pm@hungry-horse.com	Due Date:	07/10/25 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

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

Carrier: CourierSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client InstructionComments/Resolution

Project Janie Conner 13 24S 28E RB #221H has been separated into multiple reports due to sample volume. WOs are E507024 to E507032. Sampled by not provided on COC.

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

Date



envirotech Inc.

Report to:

Daniel Dominguez



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Matador Resources, LLC.

Project Name: Janie Conner 13 24S 28E RB
#221H

Work Order: E507026

Job Number: 23052-0001

Received: 7/3/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/10/25

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 7/10/25

Daniel Dominguez
5400 LBJ Freeway, Suite 1500
Dallas, TX 75240



Project Name: Janie Conner 13 24S 28E RB #221H
Workorder: E507026
Date Received: 7/3/2025 9:00:00AM

Daniel Dominguez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/3/2025 9:00:00AM, under the Project Name: Janie Conner 13 24S 28E RB #221H.

The analytical test results summarized in this report with the Project Name: Janie Conner 13 24S 28E RB #221H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

Raina Schwanz
Laboratory Administrator
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mgonzaless@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Janie Conner 13 24S 28E RB #221H Project Number: 23052-0001 Project Manager: Daniel Dominguez	Reported: 07/10/25 16:17
-----------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------	-----------------------------

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FL9 Surf	E507026-01A	Soil	06/30/25	07/03/25	Glass Jar, 2 oz.
FL9 1'	E507026-02A	Soil	06/30/25	07/03/25	Glass Jar, 2 oz.
FL9 2'	E507026-03A	Soil	06/30/25	07/03/25	Glass Jar, 2 oz.
FL9 3'	E507026-04A	Soil	06/30/25	07/03/25	Glass Jar, 2 oz.
FL9 4'	E507026-05A	Soil	06/30/25	07/03/25	Glass Jar, 2 oz.
FL10 Surf	E507026-06A	Soil	06/30/25	07/03/25	Glass Jar, 2 oz.
FL10 1'	E507026-07A	Soil	06/30/25	07/03/25	Glass Jar, 2 oz.
FL10 2'	E507026-08A	Soil	06/30/25	07/03/25	Glass Jar, 2 oz.
FL10 3'	E507026-09A	Soil	06/30/25	07/03/25	Glass Jar, 2 oz.
FL10 4'	E507026-10A	Soil	06/30/25	07/03/25	Glass Jar, 2 oz.
FL11 Surf	E507026-11A	Soil	06/30/25	07/03/25	Glass Jar, 2 oz.
FL11 1'	E507026-12A	Soil	06/30/25	07/03/25	Glass Jar, 2 oz.
FL11 2'	E507026-13A	Soil	06/30/25	07/03/25	Glass Jar, 2 oz.
FL11 3'	E507026-14A	Soil	06/30/25	07/03/25	Glass Jar, 2 oz.
FL11 4'	E507026-15A	Soil	06/30/25	07/03/25	Glass Jar, 2 oz.
FL12 Surf	E507026-16A	Soil	06/30/25	07/03/25	Glass Jar, 2 oz.
FL12 1'	E507026-17A	Soil	06/30/25	07/03/25	Glass Jar, 2 oz.
FL12 2'	E507026-18A	Soil	06/30/25	07/03/25	Glass Jar, 2 oz.
FL12 3'	E507026-19A	Soil	06/30/25	07/03/25	Glass Jar, 2 oz.
FL12 4'	E507026-20A	Soil	06/30/25	07/03/25	Glass Jar, 2 oz.



Sample Data

Matador Resources, LLC.

5400 LBJ Freeway, Suite 1500

Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H

Project Number: 23052-0001

Project Manager: Daniel Dominguez

Reported:

7/10/2025 4:17:38PM

FL9 Surf

E507026-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2528008	
Benzene	ND	0.0250	1	07/07/25	07/09/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/09/25	
Toluene	ND	0.0250	1	07/07/25	07/09/25	
o-Xylene	ND	0.0250	1	07/07/25	07/09/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/09/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.6 %	70-130	07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2528008	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		102 %	70-130	07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2528064	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>		106 %	61-141	07/08/25	07/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK		Batch: 2528062	
Chloride	250	40.0	2	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 4:17:38PM

FL9 1'

E507026-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2528008
Benzene	ND	0.0250	1	07/07/25	07/09/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/09/25	
Toluene	ND	0.0250	1	07/07/25	07/09/25	
o-Xylene	ND	0.0250	1	07/07/25	07/09/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/09/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.6 %	70-130		07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2528008
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	104 %	70-130		07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2528064
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>						
	104 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: AK		Batch: 2528062
Chloride	97.9	40.0	2	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 4:17:38PM

FL9 2'

E507026-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2528008	
Benzene	ND	0.0250	1	07/07/25	07/09/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/09/25	
Toluene	ND	0.0250	1	07/07/25	07/09/25	
o-Xylene	ND	0.0250	1	07/07/25	07/09/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/09/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	98.3 %	70-130		07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2528008	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	101 %	70-130		07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2528064	
Diesel Range Organics (C10-C28)	48.8	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>	104 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK		Batch: 2528062	
Chloride	456	100	5	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 4:17:38PM

FL9 3'

E507026-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2528008	
Benzene	ND	0.0250	1	07/07/25	07/09/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/09/25	
Toluene	ND	0.0250	1	07/07/25	07/09/25	
o-Xylene	ND	0.0250	1	07/07/25	07/09/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/09/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	98.7 %	70-130		07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2528008	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	104 %	70-130		07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2528064	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>	109 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK		Batch: 2528062	
Chloride	409	100	5	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 4:17:38PM

FL9 4'

E507026-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2528008
Benzene	ND	0.0250	1	07/07/25	07/09/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/09/25	
Toluene	ND	0.0250	1	07/07/25	07/09/25	
o-Xylene	ND	0.0250	1	07/07/25	07/09/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/09/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.3 %	70-130		07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2528008
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	103 %	70-130		07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2528064
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>						
	106 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: AK		Batch: 2528062
Chloride	428	100	5	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 4:17:38PM

FL10 Surf

E507026-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2528008
Benzene	ND	0.0250	1	07/07/25	07/09/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/09/25	
Toluene	ND	0.0250	1	07/07/25	07/09/25	
o-Xylene	ND	0.0250	1	07/07/25	07/09/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/09/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.5 %	70-130		07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2528008
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	101 %	70-130		07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2528064
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>						
	104 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: AK		Batch: 2528062
Chloride	101	40.0	2	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 4:17:38PM

FL10 1'

E507026-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2528008
Benzene	ND	0.0250	1	07/07/25	07/09/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/09/25	
Toluene	ND	0.0250	1	07/07/25	07/09/25	
o-Xylene	ND	0.0250	1	07/07/25	07/09/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/09/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.0 %	70-130		07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2528008
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	103 %	70-130		07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2528064
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>						
	103 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: AK		Batch: 2528062
Chloride	110	40.0	2	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 4:17:38PM

FL10 2'

E507026-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2528008	
Benzene	ND	0.0250	1	07/07/25	07/10/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/10/25	
Toluene	ND	0.0250	1	07/07/25	07/10/25	
o-Xylene	ND	0.0250	1	07/07/25	07/10/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/10/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	97.2 %	70-130		07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2528008	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	107 %	70-130		07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2528064	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>	110 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK		Batch: 2528062	
Chloride	424	100	5	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 4:17:38PM

FL10 3'

E507026-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2528008	
Benzene	ND	0.0250	1	07/07/25	07/10/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/10/25	
Toluene	ND	0.0250	1	07/07/25	07/10/25	
o-Xylene	ND	0.0250	1	07/07/25	07/10/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/10/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	99.1 %	70-130		07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2528008	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	102 %	70-130		07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2528064	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>	110 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK		Batch: 2528062	
Chloride	371	100	5	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 4:17:38PM

FL10 4'

E507026-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2528008	
Benzene	ND	0.0250	1	07/07/25	07/10/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/10/25	
Toluene	ND	0.0250	1	07/07/25	07/10/25	
o-Xylene	ND	0.0250	1	07/07/25	07/10/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/10/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	97.2 %	70-130		07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2528008	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	106 %	70-130		07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2528064	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>	106 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK		Batch: 2528062	
Chloride	382	100	5	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 4:17:38PM

FL11 Surf

E507026-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2528008	
Benzene	ND	0.0250	1	07/07/25	07/10/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/10/25	
Toluene	ND	0.0250	1	07/07/25	07/10/25	
o-Xylene	ND	0.0250	1	07/07/25	07/10/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/10/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.3 %	70-130		07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2528008	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	106 %	70-130		07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2528064	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>						
	107 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: AK		Batch: 2528062	
Chloride	ND	100	5	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 4:17:38PM

FL11 1'

E507026-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2528008	
Benzene	ND	0.0250	1	07/07/25	07/10/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/10/25	
Toluene	ND	0.0250	1	07/07/25	07/10/25	
o-Xylene	ND	0.0250	1	07/07/25	07/10/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/10/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	97.2 %	70-130		07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2528008	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	103 %	70-130		07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2528064	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>	109 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK		Batch: 2528062	
Chloride	144	40.0	2	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 4:17:38PM

FL11 2'

E507026-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2528008	
Benzene	ND	0.0250	1	07/07/25	07/10/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/10/25	
Toluene	ND	0.0250	1	07/07/25	07/10/25	
o-Xylene	ND	0.0250	1	07/07/25	07/10/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/10/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.6 %	70-130		07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2528008	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	106 %	70-130		07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2528064	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>						
	109 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: AK		Batch: 2528062	
Chloride	525	100	5	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 4:17:38PM

FL11 3'

E507026-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2528008	
Benzene	ND	0.0250	1	07/07/25	07/10/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/10/25	
Toluene	ND	0.0250	1	07/07/25	07/10/25	
o-Xylene	ND	0.0250	1	07/07/25	07/10/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/10/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.4 %	70-130		07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2528008	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	107 %	70-130		07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2528064	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>						
	102 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: AK		Batch: 2528062	
Chloride	540	100	5	07/08/25	07/10/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 4:17:38PM

FL11 4'

E507026-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2528008	
Benzene	ND	0.0250	1	07/07/25	07/10/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/10/25	
Toluene	ND	0.0250	1	07/07/25	07/10/25	
o-Xylene	ND	0.0250	1	07/07/25	07/10/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/10/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	95.0 %	70-130		07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2528008	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	108 %	70-130		07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2528064	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>	107 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK		Batch: 2528062	
Chloride	627	100	5	07/08/25	07/10/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 4:17:38PM

FL12 Surf

E507026-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2528008	
Benzene	ND	0.0250	1	07/07/25	07/10/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/10/25	
Toluene	ND	0.0250	1	07/07/25	07/10/25	
o-Xylene	ND	0.0250	1	07/07/25	07/10/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/10/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.2 %	70-130		07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2528008	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	104 %	70-130		07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2528064	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>						
	107 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: AK		Batch: 2528062	
Chloride	118	40.0	2	07/08/25	07/10/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 4:17:38PM

FL12 1'

E507026-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2528008	
Benzene	ND	0.0250	1	07/07/25	07/10/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/10/25	
Toluene	ND	0.0250	1	07/07/25	07/10/25	
o-Xylene	ND	0.0250	1	07/07/25	07/10/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/10/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.8 %	70-130		07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2528008	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	106 %	70-130		07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2528064	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>						
	105 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: AK		Batch: 2528062	
Chloride	ND	100	5	07/08/25	07/10/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 4:17:38PM

FL12 2'

E507026-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2528008	
Benzene	ND	0.0250	1	07/07/25	07/10/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/10/25	
Toluene	ND	0.0250	1	07/07/25	07/10/25	
o-Xylene	ND	0.0250	1	07/07/25	07/10/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/10/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	94.7 %	70-130		07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2528008	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	106 %	70-130		07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2528064	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>	102 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK		Batch: 2528062	
Chloride	330	100	5	07/08/25	07/10/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 4:17:38PM

FL12 3'

E507026-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2528008	
Benzene	ND	0.0250	1	07/07/25	07/10/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/10/25	
Toluene	ND	0.0250	1	07/07/25	07/10/25	
o-Xylene	ND	0.0250	1	07/07/25	07/10/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/10/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.4 %	70-130		07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2528008	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	105 %	70-130		07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2528064	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>						
	102 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: AK		Batch: 2528062	
Chloride	344	100	5	07/08/25	07/10/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 4:17:38PM

FL12 4'

E507026-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2528008	
Benzene	ND	0.0250	1	07/07/25	07/10/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/10/25	
Toluene	ND	0.0250	1	07/07/25	07/10/25	
o-Xylene	ND	0.0250	1	07/07/25	07/10/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/10/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	93.7 %	70-130		07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2528008	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	108 %	70-130		07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2528064	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>	99.4 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK		Batch: 2528062	
Chloride	312	100	5	07/08/25	07/10/25	



QC Summary Data

Matador Resources, LLC.	Project Name:	Janie Conner 13 24S 28E RB #221H	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23052-0001	
Dallas TX, 75240	Project Manager:	Daniel Dominguez	7/10/2025 4:17:38PM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2528008-BLK1)

Prepared: 07/07/25 Analyzed: 07/09/25

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.89		8.00		98.6	70-130			

LCS (2528008-BS1)

Prepared: 07/07/25 Analyzed: 07/09/25

Benzene	4.70	0.0250	5.00		94.0	70-130			
Ethylbenzene	4.68	0.0250	5.00		93.6	70-130			
Toluene	4.70	0.0250	5.00		93.9	70-130			
o-Xylene	4.69	0.0250	5.00		93.9	70-130			
p,m-Xylene	9.52	0.0500	10.0		95.2	70-130			
Total Xylenes	14.2	0.0250	15.0		94.8	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.81		8.00		97.6	70-130			

Matrix Spike (2528008-MS1)

Source: E507026-06

Prepared: 07/07/25 Analyzed: 07/09/25

Benzene	5.64	0.0250	5.00	ND	113	70-130			
Ethylbenzene	5.58	0.0250	5.00	ND	112	70-130			
Toluene	5.62	0.0250	5.00	ND	112	70-130			
o-Xylene	5.59	0.0250	5.00	ND	112	70-130			
p,m-Xylene	11.3	0.0500	10.0	ND	113	70-130			
Total Xylenes	16.9	0.0250	15.0	ND	113	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.67		8.00		95.9	70-130			

Matrix Spike Dup (2528008-MSD1)

Source: E507026-06

Prepared: 07/07/25 Analyzed: 07/09/25

Benzene	4.76	0.0250	5.00	ND	95.1	70-130	16.9	27	
Ethylbenzene	4.75	0.0250	5.00	ND	95.0	70-130	16.1	26	
Toluene	4.76	0.0250	5.00	ND	95.2	70-130	16.5	20	
o-Xylene	4.85	0.0250	5.00	ND	97.0	70-130	14.1	25	
p,m-Xylene	9.68	0.0500	10.0	ND	96.8	70-130	15.5	23	
Total Xylenes	14.5	0.0250	15.0	ND	96.9	70-130	15.0	26	
Surrogate: 4-Bromochlorobenzene-PID	7.91		8.00		98.8	70-130			



QC Summary Data

Matador Resources, LLC.	Project Name:	Janie Conner 13 24S 28E RB #221H	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23052-0001	
Dallas TX, 75240	Project Manager:	Daniel Dominguez	7/10/2025 4:17:38PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2528008-BLK1)

Prepared: 07/07/25 Analyzed: 07/09/25

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

LCS (2528008-BS2)

Prepared: 07/07/25 Analyzed: 07/09/25

Gasoline Range Organics (C6-C10)	48.7	20.0	50.0		97.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.13		8.00		102	70-130			

Matrix Spike (2528008-MS2)

Source: E507026-06

Prepared: 07/07/25 Analyzed: 07/09/25

Gasoline Range Organics (C6-C10)	46.8	20.0	50.0	ND	93.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.46		8.00		106	70-130			

Matrix Spike Dup (2528008-MSD2)

Source: E507026-06

Prepared: 07/07/25 Analyzed: 07/10/25

Gasoline Range Organics (C6-C10)	49.0	20.0	50.0	ND	98.0	70-130	4.53	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.19		8.00		102	70-130			



QC Summary Data

Matador Resources, LLC.	Project Name:	Janie Conner 13 24S 28E RB #221H	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23052-0001	
Dallas TX, 75240	Project Manager:	Daniel Dominguez	7/10/2025 4:17:38PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2528064-BLK1)					Prepared: 07/08/25 Analyzed: 07/09/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	50.2		50.0		100	61-141			

LCS (2528064-BS1)					Prepared: 07/08/25 Analyzed: 07/09/25				
Diesel Range Organics (C10-C28)	272	25.0	250		109	66-144			
Surrogate: n-Nonane	51.3		50.0		103	61-141			

Matrix Spike (2528064-MS1)					Source: E507026-10		Prepared: 07/08/25 Analyzed: 07/09/25		
Diesel Range Organics (C10-C28)	280	25.0	250	ND	112	56-156			
Surrogate: n-Nonane	51.2		50.0		102	61-141			

Matrix Spike Dup (2528064-MSD1)					Source: E507026-10		Prepared: 07/08/25 Analyzed: 07/09/25		
Diesel Range Organics (C10-C28)	284	25.0	250	ND	114	56-156	1.69	20	
Surrogate: n-Nonane	51.1		50.0		102	61-141			



QC Summary Data

Matador Resources, LLC.	Project Name:	Janie Conner 13 24S 28E RB #221H	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23052-0001	
Dallas TX, 75240	Project Manager:	Daniel Dominguez	7/10/2025 4:17:38PM

Anions by EPA 300.0/9056A

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
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Blank (2528062-BLK1)					Prepared: 07/08/25 Analyzed: 07/09/25				
Chloride	ND	20.0							
LCS (2528062-BS1)					Prepared: 07/08/25 Analyzed: 07/09/25				
Chloride	255	20.0	250		102	90-110			
Matrix Spike (2528062-MS1)					Source: E507026-06		Prepared: 07/08/25 Analyzed: 07/09/25		
Chloride	342	40.0	250	101	96.2	80-120			
Matrix Spike Dup (2528062-MSD1)					Source: E507026-06		Prepared: 07/08/25 Analyzed: 07/09/25		
Chloride	373	40.0	250	101	109	80-120	8.81	20	

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



Definitions and Notes

Matador Resources, LLC.	Project Name:	Janie Conner 13 24S 28E RB #221H	
5400 LBJ Freeway, Suite 1500	Project Number:	23052-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	07/10/25 16:17

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

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

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



Client: Matador Resources Company		Bill To		Lab Use Only				TAT				EPA Program	
Project: Janie Conner 13 24S 28E RB #221H		Attention: Jason Touchet		Lab WO#		Job Number		1D	2D	3D	Standard	CWA	SDWA
Project Manager: Daniel Dominguez		Address: 5400 LBJ Freeway Ste 1500		E507026		23052.0001					X		
Address: 4024 Plains Hwy		City, State, Zip: Dallas		Analysis and Method								RCRA	
City, State, Zip: Lovington, NM 88260, NM, 88260		Phone: 3376523463											
Phone: 575 393-3386		Email: jason.touchet@matadorresources.com											
Email: pm@hungry-horse.com													
Report due by:													

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Depth	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BDOC NM	BDOC TX	Remarks
1205	30-Jun	Soil	1	FL9	Surf	1							X		3.6
1210	30-Jun	Soil	1	FL9	1'	2							X		4.0
1215	30-Jun	Soil	1	FL9	2'	3							X		4.1
1220	30-Jun	Soil	1	FL9	3'	4							X		3.8
1225	30-Jun	Soil	1	FL9	4'	5							X		3.4
1230	30-Jun	Soil	1	FL10	Surf	6							X		3.2
1235	30-Jun	Soil	1	FL10	1'	7							X		4.0
1240	30-Jun	Soil	1	FL10	2'	8							X		4.0
1245	30-Jun	Soil	1	FL10	3'	9							X		3.8
1250	30-Jun	Soil	1	FL10	4'	10							X		3.6

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6°C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only Received on ice: (Y) / N T1 _____ T2 _____ T3 _____ AVG Temp °C _____
<i>Samir Dany</i>	7/2/25	1330	<i>Michelle Gonzales</i>	7-2-25	1330	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
<i>Michelle Gonzales</i>	7-2-25	1700	<i>Samir Dany</i>	7-2-25	1700	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
<i>Michelle</i>	7-2-25	2400	<i>Samir Dany</i>	7-3-25	900	

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

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

Note: Samples are discarded 30 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.

Client: Matador Resources Company				Bill To				Lab Use Only				TAT				EPA Program					
Project: Janie Conner 13 24S 28E RB #221H				Attention: Jason Touchet				Lab WO# 575507026				Job Number 23052001				1D	2D	3D	Standard	CWA	SDWA
Project Manager: Daniel Dominguez				Address: 5400 LBJ Freeway Ste 1500															X		
Address: 4024 Plains Hwy				City, State, Zip: Dallas																	RCRA
City, State, Zip: Lovington, NM 88260, NM, 88260				Phone: 3376523463																	
Phone: 575 393-3386				Email: jason.touchet@matadorresources.com																	
Email: pm@hungry-horse.com																					
Report due by:																					

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Depth	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC NM	BGDOC TX			State	NM	CO	UT	AZ	TX	Remarks
1305	30-Jun	Soil	1	FL11	Surf	11									X										4.0
1310	30-Jun	Soil	1	FL11	1'	12									X										3.6
1315	30-Jun	Soil	1	FL11	2'	13									X										3.4
1320	30-Jun	Soil	1	FL11	3'	14									X										4.1
1325	30-Jun	Soil	1	FL11	4'	15									X										4.0
1330	30-Jun	Soil	1	FL12	Surf	16									X										3.2
1335	30-Jun	Soil	1	FL12	1'	17									X										3.3
1340	30-Jun	Soil	1	FL12	2'	18									X										3.8
1345	30-Jun	Soil	1	FL12	3'	19									X										3.6
1350	30-Jun	Soil	1	FL12	4'	20									X										3.5

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Relinquished by: (Signature) <i>[Signature]</i>				Date	Time	Received by: (Signature) <i>Michelle Gonzales</i>				Date	Time	Lab Use Only			
				7/2/25	1330					7-2-25	1330	Received on ice: <input checked="" type="radio"/> Y / <input type="radio"/> N			
Relinquished by: (Signature) <i>Michelle Gonzales</i>				Date	Time	Received by: (Signature) <i>[Signature]</i>				Date	Time	T1 _____ T2 _____ T3 _____			
				7-2-25	1700					7-2-25	1700				
Relinquished by: (Signature) <i>[Signature]</i>				Date	Time	Received by: (Signature) <i>Caitlin Mann</i>				Date	Time	AVG Temp °C _____			
				7-2-25	2400					7-3-25	900				

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____ Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Envirotech Analytical Laboratory

Printed: 7/3/2025 2:27:39PM

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:	07/03/25 09:00	Work Order ID:	E507026
Phone:	(972) 371-5200	Date Logged In:	07/02/25 16:01	Logged In By:	Caitlin Mars
Email:	pm@hungry-horse.com	Due Date:	07/10/25 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

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

Carrier: CourierSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client InstructionComments/Resolution

Project Janie Conner 13 24S 28E RB #221H has been separated into multiple reports due to sample volume. WOs are E507024 to E507032. Sampled by not provided on COC.

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

Date



envirotech Inc.

Report to:

Daniel Dominguez



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 13 24S 28E RB
#221H

Work Order: E507027

Job Number: 23052-0001

Received: 7/3/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/10/25

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: 7/10/25

Daniel Dominguez
5400 LBJ Freeway, Suite 1500
Dallas, TX 75240



Project Name: Janie Conner 13 24S 28E RB #221H
Workorder: E507027
Date Received: 7/3/2025 9:00:00AM

Daniel Dominguez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/3/2025 9:00:00AM, under the Project Name: Janie Conner 13 24S 28E RB #221H.

The analytical test results summarized in this report with the Project Name: Janie Conner 13 24S 28E RB #221H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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Sample Summary

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Janie Conner 13 24S 28E RB #221H Project Number: 23052-0001 Project Manager: Daniel Dominguez	Reported: 07/10/25 16:19
-----------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------	-----------------------------

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FL13 Surf	E507027-01A	Soil	06/30/25	07/03/25	Glass Jar, 2 oz.
FL13 1'	E507027-02A	Soil	06/30/25	07/03/25	Glass Jar, 2 oz.
FL13 2'	E507027-03A	Soil	06/30/25	07/03/25	Glass Jar, 2 oz.
FL13 3'	E507027-04A	Soil	06/30/25	07/03/25	Glass Jar, 2 oz.
FL13 4'	E507027-05A	Soil	06/30/25	07/03/25	Glass Jar, 2 oz.
FL14 Surf	E507027-06A	Soil	06/30/25	07/03/25	Glass Jar, 2 oz.
FL14 1'	E507027-07A	Soil	06/30/25	07/03/25	Glass Jar, 2 oz.
FL14 2'	E507027-08A	Soil	06/30/25	07/03/25	Glass Jar, 2 oz.
FL14 3'	E507027-09A	Soil	06/30/25	07/03/25	Glass Jar, 2 oz.
FL14 4'	E507027-10A	Soil	06/30/25	07/03/25	Glass Jar, 2 oz.
FL15 Surf	E507027-11A	Soil	07/01/25	07/03/25	Glass Jar, 2 oz.
FL15 1'	E507027-12A	Soil	07/01/25	07/03/25	Glass Jar, 2 oz.
FL15 2'	E507027-13A	Soil	07/01/25	07/03/25	Glass Jar, 2 oz.
FL15 3'	E507027-14A	Soil	07/01/25	07/03/25	Glass Jar, 2 oz.
FL15 4'	E507027-15A	Soil	07/01/25	07/03/25	Glass Jar, 2 oz.
FL16 Surf	E507027-16A	Soil	07/01/25	07/03/25	Glass Jar, 2 oz.
FL16 1'	E507027-17A	Soil	07/01/25	07/03/25	Glass Jar, 2 oz.
FL16 2'	E507027-18A	Soil	07/01/25	07/03/25	Glass Jar, 2 oz.
FL16 3'	E507027-19A	Soil	07/01/25	07/03/25	Glass Jar, 2 oz.
FL16 4'	E507027-20A	Soil	07/01/25	07/03/25	Glass Jar, 2 oz.



Sample Data

Matador Resources, LLC.

5400 LBJ Freeway, Suite 1500

Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H

Project Number: 23052-0001

Project Manager: Daniel Dominguez

Reported:

7/10/2025 4:19:08PM

FL13 Surf

E507027-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2528009	
Benzene	ND	0.0250	1	07/07/25	07/09/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/09/25	
Toluene	ND	0.0250	1	07/07/25	07/09/25	
o-Xylene	ND	0.0250	1	07/07/25	07/09/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/09/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.7 %	70-130	07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2528009	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		89.0 %	70-130	07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2528065	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>		105 %	61-141	07/08/25	07/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK		Batch: 2528080	
Chloride	115	40.0	2	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 4:19:08PM

FL13 1'

E507027-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2528009	
Benzene	ND	0.0250	1	07/07/25	07/09/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/09/25	
Toluene	ND	0.0250	1	07/07/25	07/09/25	
o-Xylene	ND	0.0250	1	07/07/25	07/09/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/09/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	93.8 %	70-130		07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2528009	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	85.6 %	70-130		07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2528065	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>	106 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK		Batch: 2528080	
Chloride	45.7	40.0	2	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 4:19:08PM

FL13 2'

E507027-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2528009	
Benzene	ND	0.0250	1	07/07/25	07/09/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/09/25	
Toluene	ND	0.0250	1	07/07/25	07/09/25	
o-Xylene	ND	0.0250	1	07/07/25	07/09/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/09/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		92.1 %	70-130	07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2528009	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		84.8 %	70-130	07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2528065	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>		105 %	61-141	07/08/25	07/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK		Batch: 2528080	
Chloride	330	100	5	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 4:19:08PM

FL13 3'

E507027-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2528009	
Benzene	ND	0.0250	1	07/07/25	07/09/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/09/25	
Toluene	ND	0.0250	1	07/07/25	07/09/25	
o-Xylene	ND	0.0250	1	07/07/25	07/09/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/09/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	96.5 %	70-130		07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2528009	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	89.3 %	70-130		07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2528065	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>	107 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK		Batch: 2528080	
Chloride	293	100	5	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 4:19:08PM

FL13 4'

E507027-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2528009	
Benzene	ND	0.0250	1	07/07/25	07/09/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/09/25	
Toluene	ND	0.0250	1	07/07/25	07/09/25	
o-Xylene	ND	0.0250	1	07/07/25	07/09/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/09/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	94.5 %	70-130		07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2528009	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	88.0 %	70-130		07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2528065	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>	109 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK		Batch: 2528080	
Chloride	333	100	5	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 4:19:08PM

FL14 Surf

E507027-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2528009	
Benzene	ND	0.0250	1	07/07/25	07/09/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/09/25	
Toluene	ND	0.0250	1	07/07/25	07/09/25	
o-Xylene	ND	0.0250	1	07/07/25	07/09/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/09/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	93.0 %	70-130		07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2528009	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	87.0 %	70-130		07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2528065	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>	105 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK		Batch: 2528080	
Chloride	ND	100	5	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 4:19:08PM

FL14 1'

E507027-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2528009	
Benzene	ND	0.0250	1	07/07/25	07/09/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/09/25	
Toluene	ND	0.0250	1	07/07/25	07/09/25	
o-Xylene	ND	0.0250	1	07/07/25	07/09/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/09/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	93.7 %	70-130		07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2528009	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	85.8 %	70-130		07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2528065	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/10/25	
<i>Surrogate: n-Nonane</i>	105 %	61-141		07/08/25	07/10/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK		Batch: 2528080	
Chloride	382	40.0	2	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 4:19:08PM

FL14 2'

E507027-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2528009	
Benzene	ND	0.0250	1	07/07/25	07/09/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/09/25	
Toluene	ND	0.0250	1	07/07/25	07/09/25	
o-Xylene	ND	0.0250	1	07/07/25	07/09/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/09/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.3 %	70-130		07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2528009	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.7 %	70-130		07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2528065	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/10/25	
<i>Surrogate: n-Nonane</i>						
	109 %	61-141		07/08/25	07/10/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: AK		Batch: 2528080	
Chloride	336	100	5	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 4:19:08PM

FL14 3'

E507027-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2528009	
Benzene	ND	0.0250	1	07/07/25	07/09/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/09/25	
Toluene	ND	0.0250	1	07/07/25	07/09/25	
o-Xylene	ND	0.0250	1	07/07/25	07/09/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/09/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	95.0 %	70-130		07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2528009	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	87.2 %	70-130		07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2528065	
Diesel Range Organics (C10-C28)	28.1	25.0	1	07/08/25	07/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/10/25	
<i>Surrogate: n-Nonane</i>	110 %	61-141		07/08/25	07/10/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK		Batch: 2528080	
Chloride	338	100	5	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 4:19:08PM

FL14 4'

E507027-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2528009	
Benzene	ND	0.0250	1	07/07/25	07/09/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/09/25	
Toluene	ND	0.0250	1	07/07/25	07/09/25	
o-Xylene	ND	0.0250	1	07/07/25	07/09/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/09/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.8 %	70-130		07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2528009	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	87.2 %	70-130		07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2528065	
Diesel Range Organics (C10-C28)	29.4	25.0	1	07/08/25	07/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/10/25	
<i>Surrogate: n-Nonane</i>						
	108 %	61-141		07/08/25	07/10/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: AK		Batch: 2528080	
Chloride	375	100	5	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 4:19:08PM

FL15 Surf

E507027-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2528009	
Benzene	ND	0.0250	1	07/07/25	07/09/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/09/25	
Toluene	ND	0.0250	1	07/07/25	07/09/25	
o-Xylene	ND	0.0250	1	07/07/25	07/09/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/09/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	94.2 %	70-130		07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2528009	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	85.9 %	70-130		07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2528065	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/10/25	
<i>Surrogate: n-Nonane</i>	109 %	61-141		07/08/25	07/10/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK		Batch: 2528080	
Chloride	48.6	40.0	2	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 4:19:08PM

FL15 1'

E507027-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2528009	
Benzene	ND	0.0250	1	07/07/25	07/09/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/09/25	
Toluene	ND	0.0250	1	07/07/25	07/09/25	
o-Xylene	ND	0.0250	1	07/07/25	07/09/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/09/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	94.6 %	70-130		07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2528009	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	86.6 %	70-130		07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2528065	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/10/25	
<i>Surrogate: n-Nonane</i>	112 %	61-141		07/08/25	07/10/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK		Batch: 2528080	
Chloride	ND	40.0	2	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 4:19:08PM

FL15 2'

E507027-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2528009
Benzene	ND	0.0250	1	07/07/25	07/09/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/09/25	
Toluene	ND	0.0250	1	07/07/25	07/09/25	
o-Xylene	ND	0.0250	1	07/07/25	07/09/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/09/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.4 %	70-130		07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2528009
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	87.4 %	70-130		07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2528065
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/10/25	
<i>Surrogate: n-Nonane</i>						
	104 %	61-141		07/08/25	07/10/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: AK		Batch: 2528080
Chloride	346	100	5	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 4:19:08PM

FL15 3'

E507027-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2528009	
Benzene	ND	0.0250	1	07/07/25	07/09/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/09/25	
Toluene	ND	0.0250	1	07/07/25	07/09/25	
o-Xylene	ND	0.0250	1	07/07/25	07/09/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/09/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	94.4 %	70-130		07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2528009	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	87.9 %	70-130		07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2528065	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/10/25	
<i>Surrogate: n-Nonane</i>	106 %	61-141		07/08/25	07/10/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK		Batch: 2528080	
Chloride	359	100	5	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 4:19:08PM

FL15 4'

E507027-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2528009	
Benzene	ND	0.0250	1	07/07/25	07/09/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/09/25	
Toluene	ND	0.0250	1	07/07/25	07/09/25	
o-Xylene	ND	0.0250	1	07/07/25	07/09/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/09/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	94.4 %	70-130		07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2528009	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	86.7 %	70-130		07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2528065	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/10/25	
<i>Surrogate: n-Nonane</i>	108 %	61-141		07/08/25	07/10/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK		Batch: 2528080	
Chloride	341	100	5	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 4:19:08PM

FL16 Surf

E507027-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2528009
Benzene	ND	0.0250	1	07/07/25	07/09/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/09/25	
Toluene	ND	0.0250	1	07/07/25	07/09/25	
o-Xylene	ND	0.0250	1	07/07/25	07/09/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/09/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.0 %	70-130		07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2528009
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	86.1 %	70-130		07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2528065
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/10/25	
<i>Surrogate: n-Nonane</i>						
	107 %	61-141		07/08/25	07/10/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: AK		Batch: 2528080
Chloride	78.9	40.0	2	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 4:19:08PM

FL16 1'

E507027-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2528009	
Benzene	ND	0.0250	1	07/07/25	07/09/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/09/25	
Toluene	ND	0.0250	1	07/07/25	07/09/25	
o-Xylene	ND	0.0250	1	07/07/25	07/09/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/09/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.6 %	70-130		07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2528009	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	83.7 %	70-130		07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2528065	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/10/25	
<i>Surrogate: n-Nonane</i>						
	108 %	61-141		07/08/25	07/10/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: AK		Batch: 2528080	
Chloride	46.7	40.0	2	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 4:19:08PM

FL16 2'

E507027-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2528009	
Benzene	ND	0.0250	1	07/07/25	07/09/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/09/25	
Toluene	ND	0.0250	1	07/07/25	07/09/25	
o-Xylene	ND	0.0250	1	07/07/25	07/09/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/09/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	96.8 %	70-130		07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2528009	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	88.1 %	70-130		07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2528065	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/10/25	
<i>Surrogate: n-Nonane</i>	112 %	61-141		07/08/25	07/10/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK		Batch: 2528080	
Chloride	344	100	5	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 4:19:08PM

FL16 3'

E507027-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2528009	
Benzene	ND	0.0250	1	07/07/25	07/09/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/09/25	
Toluene	ND	0.0250	1	07/07/25	07/09/25	
o-Xylene	ND	0.0250	1	07/07/25	07/09/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/09/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	95.6 %	70-130		07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2528009	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	85.9 %	70-130		07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2528065	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/10/25	
<i>Surrogate: n-Nonane</i>	110 %	61-141		07/08/25	07/10/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK		Batch: 2528080	
Chloride	353	100	5	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 4:19:08PM

FL16 4'

E507027-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2528009	
Benzene	ND	0.0250	1	07/07/25	07/09/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/09/25	
Toluene	ND	0.0250	1	07/07/25	07/09/25	
o-Xylene	ND	0.0250	1	07/07/25	07/09/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/09/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		91.2 %	70-130	07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2528009	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		87.3 %	70-130	07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2528065	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/10/25	
<i>Surrogate: n-Nonane</i>		114 %	61-141	07/08/25	07/10/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK		Batch: 2528080	
Chloride	358	100	5	07/08/25	07/09/25	



QC Summary Data

Matador Resources, LLC.	Project Name:	Janie Conner 13 24S 28E RB #221H	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23052-0001	
Dallas TX, 75240	Project Manager:	Daniel Dominguez	7/10/2025 4:19:08PM

Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2528009-BLK1)

Prepared: 07/07/25 Analyzed: 07/09/25

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.50		8.00		93.8	70-130			

LCS (2528009-BS1)

Prepared: 07/07/25 Analyzed: 07/09/25

Benzene	4.93	0.0250	5.00		98.6	70-130			
Ethylbenzene	4.81	0.0250	5.00		96.1	70-130			
Toluene	4.90	0.0250	5.00		97.9	70-130			
o-Xylene	4.86	0.0250	5.00		97.1	70-130			
p,m-Xylene	9.68	0.0500	10.0		96.8	70-130			
Total Xylenes	14.5	0.0250	15.0		96.9	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.59		8.00		94.9	70-130			

Matrix Spike (2528009-MS1)

Source: E507027-06

Prepared: 07/07/25 Analyzed: 07/09/25

Benzene	5.04	0.0250	5.00	ND	101	70-130			
Ethylbenzene	4.90	0.0250	5.00	ND	98.0	70-130			
Toluene	5.00	0.0250	5.00	ND	99.9	70-130			
o-Xylene	4.94	0.0250	5.00	ND	98.8	70-130			
p,m-Xylene	9.86	0.0500	10.0	ND	98.6	70-130			
Total Xylenes	14.8	0.0250	15.0	ND	98.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.49		8.00		93.7	70-130			

Matrix Spike Dup (2528009-MSD1)

Source: E507027-06

Prepared: 07/07/25 Analyzed: 07/09/25

Benzene	5.16	0.0250	5.00	ND	103	70-130	2.44	27	
Ethylbenzene	5.06	0.0250	5.00	ND	101	70-130	3.17	26	
Toluene	5.14	0.0250	5.00	ND	103	70-130	2.91	20	
o-Xylene	5.08	0.0250	5.00	ND	102	70-130	2.72	25	
p,m-Xylene	10.2	0.0500	10.0	ND	102	70-130	3.13	23	
Total Xylenes	15.2	0.0250	15.0	ND	102	70-130	3.00	26	
Surrogate: 4-Bromochlorobenzene-PID	7.58		8.00		94.8	70-130			



QC Summary Data

Matador Resources, LLC.	Project Name:	Janie Conner 13 24S 28E RB #221H	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23052-0001	
Dallas TX, 75240	Project Manager:	Daniel Dominguez	7/10/2025 4:19:08PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2528009-BLK1) Prepared: 07/07/25 Analyzed: 07/09/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.79		8.00		84.9	70-130			

LCS (2528009-BS2) Prepared: 07/07/25 Analyzed: 07/09/25

Gasoline Range Organics (C6-C10)	47.5	20.0	50.0		95.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.95		8.00		86.9	70-130			

Matrix Spike (2528009-MS2) Source: E507027-06 Prepared: 07/07/25 Analyzed: 07/09/25

Gasoline Range Organics (C6-C10)	42.7	20.0	50.0	ND	85.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.98		8.00		87.3	70-130			

Matrix Spike Dup (2528009-MSD2) Source: E507027-06 Prepared: 07/07/25 Analyzed: 07/09/25

Gasoline Range Organics (C6-C10)	45.6	20.0	50.0	ND	91.2	70-130	6.60	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.09		8.00		88.6	70-130			



QC Summary Data

Matador Resources, LLC.	Project Name:	Janie Conner 13 24S 28E RB #221H	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23052-0001	
Dallas TX, 75240	Project Manager:	Daniel Dominguez	7/10/2025 4:19:08PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2528065-BLK1)					Prepared: 07/08/25 Analyzed: 07/09/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	51.9		50.0		104	61-141			

LCS (2528065-BS1)					Prepared: 07/08/25 Analyzed: 07/09/25				
Diesel Range Organics (C10-C28)	268	25.0	250		107	66-144			
Surrogate: n-Nonane	51.8		50.0		104	61-141			

Matrix Spike (2528065-MS1)					Source: E507027-14		Prepared: 07/08/25 Analyzed: 07/09/25		
Diesel Range Organics (C10-C28)	360	25.0	250	ND	144	56-156			
Surrogate: n-Nonane	53.1		50.0		106	61-141			

Matrix Spike Dup (2528065-MSD1)					Source: E507027-14		Prepared: 07/08/25 Analyzed: 07/09/25		
Diesel Range Organics (C10-C28)	283	25.0	250	ND	113	56-156	23.8	20	R3
Surrogate: n-Nonane	53.5		50.0		107	61-141			



QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Janie Conner 13 24S 28E RB #221H Project Number: 23052-0001 Project Manager: Daniel Dominguez	Reported: 7/10/2025 4:19:08PM
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Anions by EPA 300.0/9056A

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
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Blank (2528080-BLK1)					Prepared: 07/08/25 Analyzed: 07/09/25				
Chloride	ND	20.0							
LCS (2528080-BS1)					Prepared: 07/08/25 Analyzed: 07/09/25				
Chloride	258	20.0	250		103	90-110			
Matrix Spike (2528080-MS1)					Source: E507027-07		Prepared: 07/08/25 Analyzed: 07/09/25		
Chloride	604	40.0	250	382	88.6	80-120			
Matrix Spike Dup (2528080-MSD1)					Source: E507027-07		Prepared: 07/08/25 Analyzed: 07/09/25		
Chloride	609	40.0	250	382	90.5	80-120	0.799	20	

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



Definitions and Notes

Matador Resources, LLC.	Project Name:	Janie Conner 13 24S 28E RB #221H	
5400 LBJ Freeway, Suite 1500	Project Number:	23052-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	07/10/25 16:19

- R3 The RPD exceeded the acceptance limit. LCS spike recovery met acceptance criteria.
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.

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

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



Client: Matador Resources Company		Bill To		Lab Use Only				TAT				EPA Program											
Project: Janie Conner 13 24S 28E RB #221H		Attention: Jason Touchet		Lab WO#		Job Number		1D	2D	3D	Standard	CWA	SDWA										
Project Manager: Daniel Dominguez		Address: 5400 LBJ Freeway Ste 1500		E501027		23052-0001					X												
Address: 4024 Plains Hwy		City, State, Zip: Dallas		Analysis and Method																			
City, State, Zip: Lovington, NM 88260, NM, 88260		Phone: 3376523463																					
Phone: 575 393-3386		Email: jason.touchet@matadorresources.com																					
mail: pm@hungry-horse.com				State																			
Report due by:				<table border="1"> <tr> <td>NM</td> <td>CO</td> <td>UT</td> <td>AZ</td> <td>TX</td> </tr> <tr> <td>X</td> <td></td> <td></td> <td></td> <td></td> </tr> </table>										NM	CO	UT	AZ	TX	X				
NM	CO	UT	AZ	TX																			
X																							

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Depth	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
1405	30-Jun	Soil	1	FL13	Surf	1							X		2.8
1410	30-Jun	Soil	1	FL13	1'	2							X		2.0
1415	30-Jun	Soil	1	FL13	2'	3							X		3.0
1420	30-Jun	Soil	1	FL13	3'	4							X		3.4
1425	30-Jun	Soil	1	FL13	4'	5							X		3.8
1430	30-Jun	Soil	1	FL14	Surf	6							X		3.6
1435	30-Jun	Soil	1	FL14	1'	7							X		2.4
1440	30-Jun	Soil	1	FL14	2'	8							X		2.6
1445	30-Jun	Soil	1	FL14	3'	9							X		2.0
1450	30-Jun	Soil	1	FL14	4'	10							X		2.1

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Sampled by: _____

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only Received on ice: <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C _____
<i>Sam Conner</i>	7/2/25	1330	<i>Michelle Gonzales</i>	7-2-25	1330	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
<i>Michelle Gonzales</i>	7-2-25	1700	<i>J.H.</i>	7-2-25	1700	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
<i>J.H.</i>	7-2-25	2400	<i>Caitlin Mann</i>	7-3-25	900	

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

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

Note: Samples are discarded 30 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.

Client: Matador Resources Company				Bill To Attention: Jason Touchet Address: 5400 LBJ Freeway Ste 1500 City, State, Zip: Dallas Phone: 3376523463 Email: jason.touchet@matadorresources.com				Lab Use Only						TAT				EPA Program	
Project: Janie Conner 13 24S 28E RB #221H								Lab WO#		Job Number		1D	2D	3D	Standard	CWA	SDWA		
Project Manager: Daniel Dominguez								ES07027		R3052-0001					X				
Address: 4024 Plains Hwy								Analysis and Method						RCRA					
City, State, Zip: Lovington, NM 88260, NM, 88260																			
Phone: 575 393-3386										State									
Email: pm@hungry-horse.com										NM CO UT AZ TX									
Report due by:										X									
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Depth	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BDOC NM	BDOC TX	Remarks				
805	1-Jul	Soil	1	FL15	Surf	11							X		4.0				
810	1-Jul	Soil	1	FL15	1'	12							X		3.8				
815	1-Jul	Soil	1	FL15	2'	13							X		3.6				
820	1-Jul	Soil	1	FL15	3'	14							X		4.1				
825	1-Jul	Soil	1	FL15	4'	15							X		4.2				
830	1-Jul	Soil	1	FL16	Surf	16							X		3.4				
835	1-Jul	Soil	1	FL16	1'	17							X		3.2				
840	1-Jul	Soil	1	FL16	2'	18							X		3.4				
845	1-Jul	Soil	1	FL16	3'	19							X		2.8				
850	1-Jul	Soil	1	FL16	4'	20							X		2.6				
Additional Instructions:																			
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.												Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6°C on subsequent days.							
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Lab Use Only											
<i>[Signature]</i>		7/2/25	1330	<i>Michelle Gonzales</i>		7-2-25	1330	Received on ice: <input checked="" type="radio"/> Y <input type="radio"/> N											
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	T1 T2 T3											
<i>Michelle Gonzales</i>		7-2-25	1700	<i>[Signature]</i>		7-2-25	1700												
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	AVG Temp °C											
<i>[Signature]</i>		7-2-25	2400	<i>Crittley Ann</i>		7-3-25	900												
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other												Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA							
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																			

Envirotech Analytical Laboratory

Printed: 7/3/2025 2:28:53PM

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:	07/03/25 09:00	Work Order ID:	E507027
Phone:	(972) 371-5200	Date Logged In:	07/02/25 16:03	Logged In By:	Caitlin Mars
Email:	pm@hungry-horse.com	Due Date:	07/10/25 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

Carrier: Courier

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

Sample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client InstructionComments/Resolution

Project Janie Conner 13 24S 28E RB #221H has been separated into multiple reports due to sample volume. WOs are E507024 to E507032. Sampled by not provided on COC.

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

Date



envirotech Inc.

Report to:

Daniel Dominguez



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Matador Resources, LLC.

Project Name: Janie Conner 13 24S 28E RB
#221H

Work Order: E507028

Job Number: 23052-0001

Received: 7/3/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/11/25

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 7/11/25

Daniel Dominguez
5400 LBJ Freeway, Suite 1500
Dallas, TX 75240



Project Name: Janie Conner 13 24S 28E RB #221H
Workorder: E507028
Date Received: 7/3/2025 9:00:00AM

Daniel Dominguez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/3/2025 9:00:00AM, under the Project Name: Janie Conner 13 24S 28E RB #221H.

The analytical test results summarized in this report with the Project Name: Janie Conner 13 24S 28E RB #221H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

Raina Schwanz
Laboratory Administrator
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Sample Summary

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
07/11/25 14:05

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FL17 Surf	E507028-01A	Soil	07/01/25	07/03/25	Glass Jar, 2 oz.
FL17 1'	E507028-02A	Soil	07/01/25	07/03/25	Glass Jar, 2 oz.
FL17 2'	E507028-03A	Soil	07/01/25	07/03/25	Glass Jar, 2 oz.
FL17 3'	E507028-04A	Soil	07/01/25	07/03/25	Glass Jar, 2 oz.
FL17 4'	E507028-05A	Soil	07/01/25	07/03/25	Glass Jar, 2 oz.
FL18 Surf	E507028-06A	Soil	07/01/25	07/03/25	Glass Jar, 2 oz.
FL18 1'	E507028-07A	Soil	07/01/25	07/03/25	Glass Jar, 2 oz.
FL18 2'	E507028-08A	Soil	07/01/25	07/03/25	Glass Jar, 2 oz.
FL18 3'	E507028-09A	Soil	07/01/25	07/03/25	Glass Jar, 2 oz.
FL18 4'	E507028-10A	Soil	07/01/25	07/03/25	Glass Jar, 2 oz.
FL19 Surf	E507028-11A	Soil	07/01/25	07/03/25	Glass Jar, 2 oz.
FL19 1'	E507028-12A	Soil	07/01/25	07/03/25	Glass Jar, 2 oz.
FL19 2'	E507028-13A	Soil	07/01/25	07/03/25	Glass Jar, 2 oz.
FL19 3'	E507028-14A	Soil	07/01/25	07/03/25	Glass Jar, 2 oz.
FL19 4'	E507028-15A	Soil	07/01/25	07/03/25	Glass Jar, 2 oz.
FL20 Surf	E507028-16A	Soil	07/01/25	07/03/25	Glass Jar, 2 oz.
FL20 1'	E507028-17A	Soil	07/01/25	07/03/25	Glass Jar, 2 oz.
FL20 2'	E507028-18A	Soil	07/01/25	07/03/25	Glass Jar, 2 oz.
FL20 3'	E507028-19A	Soil	07/01/25	07/03/25	Glass Jar, 2 oz.
FL20 4'	E507028-20A	Soil	07/01/25	07/03/25	Glass Jar, 2 oz.



Sample Data

Matador Resources, LLC.

5400 LBJ Freeway, Suite 1500

Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H

Project Number: 23052-0001

Project Manager: Daniel Dominguez

Reported:

7/11/2025 2:05:10PM

FL17 Surf

E507028-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2528010	
Benzene	ND	0.0250	1	07/07/25	07/10/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/10/25	
Toluene	ND	0.0250	1	07/07/25	07/10/25	
o-Xylene	ND	0.0250	1	07/07/25	07/10/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/10/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		100 %	70-130	07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2528010	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		98.8 %	70-130	07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2528066	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>		85.4 %	61-141	07/08/25	07/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK		Batch: 2528081	
Chloride	52.6	40.0	2	07/08/25	07/10/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/11/2025 2:05:10PM

FL17 1'

E507028-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2528010	
Benzene	ND	0.0250	1	07/07/25	07/10/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/10/25	
Toluene	ND	0.0250	1	07/07/25	07/10/25	
o-Xylene	ND	0.0250	1	07/07/25	07/10/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/10/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	102 %	70-130		07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2528010	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	98.5 %	70-130		07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2528066	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>						
	84.6 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: AK		Batch: 2528081	
Chloride	ND	100	5	07/08/25	07/10/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/11/2025 2:05:10PM

FL17 2'

E507028-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2528010	
Benzene	ND	0.0250	1	07/07/25	07/10/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/10/25	
Toluene	ND	0.0250	1	07/07/25	07/10/25	
o-Xylene	ND	0.0250	1	07/07/25	07/10/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/10/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		103 %	70-130	07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2528010	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.3 %	70-130	07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2528066	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>		80.6 %	61-141	07/08/25	07/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK		Batch: 2528081	
Chloride	402	20.0	1	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/11/2025 2:05:10PM

FL17 3'

E507028-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2528010	
Benzene	ND	0.0250	1	07/07/25	07/10/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/10/25	
Toluene	ND	0.0250	1	07/07/25	07/10/25	
o-Xylene	ND	0.0250	1	07/07/25	07/10/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/10/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2528010	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		99.3 %	70-130	07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2528066	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>		85.1 %	61-141	07/08/25	07/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK		Batch: 2528081	
Chloride	383	100	5	07/08/25	07/10/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/11/2025 2:05:10PM

FL17 4'

E507028-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2528010	
Benzene	ND	0.0250	1	07/07/25	07/10/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/10/25	
Toluene	ND	0.0250	1	07/07/25	07/10/25	
o-Xylene	ND	0.0250	1	07/07/25	07/10/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/10/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	99.2 %	70-130		07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2528010	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	98.3 %	70-130		07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2528066	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>	84.3 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK		Batch: 2528081	
Chloride	356	100	5	07/08/25	07/10/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/11/2025 2:05:10PM

FL18 Surf

E507028-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2528010	
Benzene	ND	0.0250	1	07/07/25	07/10/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/10/25	
Toluene	ND	0.0250	1	07/07/25	07/10/25	
o-Xylene	ND	0.0250	1	07/07/25	07/10/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/10/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	96.7 %	70-130		07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2528010	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	100 %	70-130		07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2528066	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>	84.1 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK		Batch: 2528081	
Chloride	ND	100	5	07/08/25	07/10/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/11/2025 2:05:10PM

FL18 1'

E507028-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2528010	
Benzene	ND	0.0250	1	07/07/25	07/10/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/10/25	
Toluene	ND	0.0250	1	07/07/25	07/10/25	
o-Xylene	ND	0.0250	1	07/07/25	07/10/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/10/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.2 %	70-130		07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2528010	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	99.4 %	70-130		07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2528066	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>						
	77.0 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: AK		Batch: 2528081	
Chloride	ND	100	5	07/08/25	07/10/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/11/2025 2:05:10PM

FL18 2'

E507028-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2528010	
Benzene	ND	0.0250	1	07/07/25	07/10/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/10/25	
Toluene	ND	0.0250	1	07/07/25	07/10/25	
o-Xylene	ND	0.0250	1	07/07/25	07/10/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/10/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	99.8 %	70-130		07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2528010	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	98.6 %	70-130		07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2528066	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>	86.3 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK		Batch: 2528081	
Chloride	374	100	5	07/08/25	07/10/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/11/2025 2:05:10PM

FL18 3'

E507028-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2528010	
Benzene	ND	0.0250	1	07/07/25	07/10/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/10/25	
Toluene	ND	0.0250	1	07/07/25	07/10/25	
o-Xylene	ND	0.0250	1	07/07/25	07/10/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/10/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.1 %	70-130		07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2528010	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	105 %	70-130		07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2528066	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>						
	83.6 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: AK		Batch: 2528081	
Chloride	371	100	5	07/08/25	07/10/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/11/2025 2:05:10PM

FL18 4'

E507028-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2528010	
Benzene	ND	0.0250	1	07/07/25	07/10/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/10/25	
Toluene	ND	0.0250	1	07/07/25	07/10/25	
o-Xylene	ND	0.0250	1	07/07/25	07/10/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/10/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.5 %	70-130		07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2528010	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	99.8 %	70-130		07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2528066	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>						
	83.2 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: AK		Batch: 2528081	
Chloride	347	100	5	07/08/25	07/10/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/11/2025 2:05:10PM

FL19 Surf

E507028-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2528010	
Benzene	ND	0.0250	1	07/07/25	07/10/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/10/25	
Toluene	ND	0.0250	1	07/07/25	07/10/25	
o-Xylene	ND	0.0250	1	07/07/25	07/10/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/10/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.9 %	70-130		07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2528010	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.3 %	70-130		07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2528066	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>						
	88.1 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: AK		Batch: 2528081	
Chloride	ND	100	5	07/08/25	07/10/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/11/2025 2:05:10PM

FL19 1'

E507028-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2528010	
Benzene	ND	0.0250	1	07/07/25	07/10/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/10/25	
Toluene	ND	0.0250	1	07/07/25	07/10/25	
o-Xylene	ND	0.0250	1	07/07/25	07/10/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/10/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	92.5 %	70-130		07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2528010	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	91.6 %	70-130		07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2528066	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>	89.2 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK		Batch: 2528081	
Chloride	ND	100	5	07/08/25	07/10/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/11/2025 2:05:10PM

FL19 2'

E507028-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2528010	
Benzene	ND	0.0250	1	07/07/25	07/10/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/10/25	
Toluene	ND	0.0250	1	07/07/25	07/10/25	
o-Xylene	ND	0.0250	1	07/07/25	07/10/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/10/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	92.2 %	70-130		07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2528010	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	92.2 %	70-130		07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2528066	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>	81.6 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK		Batch: 2528081	
Chloride	348	100	5	07/08/25	07/10/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/11/2025 2:05:10PM

FL19 3'

E507028-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2528010	
Benzene	ND	0.0250	1	07/07/25	07/10/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/10/25	
Toluene	ND	0.0250	1	07/07/25	07/10/25	
o-Xylene	ND	0.0250	1	07/07/25	07/10/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/10/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	90.3 %	70-130		07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2528010	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	90.9 %	70-130		07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2528066	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>	78.6 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK		Batch: 2528081	
Chloride	348	100	5	07/08/25	07/10/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/11/2025 2:05:10PM

FL19 4'

E507028-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2528010	
Benzene	ND	0.0250	1	07/07/25	07/10/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/10/25	
Toluene	ND	0.0250	1	07/07/25	07/10/25	
o-Xylene	ND	0.0250	1	07/07/25	07/10/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/10/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.2 %	70-130		07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2528010	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.0 %	70-130		07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2528066	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>						
	86.8 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: AK		Batch: 2528081	
Chloride	395	100	5	07/08/25	07/10/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/11/2025 2:05:10PM

FL20 Surf

E507028-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2528010	
Benzene	ND	0.0250	1	07/07/25	07/10/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/10/25	
Toluene	ND	0.0250	1	07/07/25	07/10/25	
o-Xylene	ND	0.0250	1	07/07/25	07/10/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/10/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	88.8 %	70-130		07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2528010	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	91.3 %	70-130		07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2528066	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/10/25	
<i>Surrogate: n-Nonane</i>	87.3 %	61-141		07/08/25	07/10/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK		Batch: 2528081	
Chloride	68.9	40.0	2	07/08/25	07/10/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/11/2025 2:05:10PM

FL20 1'

E507028-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2528010	
Benzene	ND	0.0250	1	07/07/25	07/10/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/10/25	
Toluene	ND	0.0250	1	07/07/25	07/10/25	
o-Xylene	ND	0.0250	1	07/07/25	07/10/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/10/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	88.7 %	70-130		07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2528010	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.6 %	70-130		07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2528066	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/10/25	
<i>Surrogate: n-Nonane</i>						
	84.4 %	61-141		07/08/25	07/10/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: AK		Batch: 2528081	
Chloride	105	40.0	2	07/08/25	07/10/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/11/2025 2:05:10PM

FL20 2'

E507028-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2528010	
Benzene	ND	0.0250	1	07/07/25	07/10/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/10/25	
Toluene	ND	0.0250	1	07/07/25	07/10/25	
o-Xylene	ND	0.0250	1	07/07/25	07/10/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/10/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	87.6 %	70-130		07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2528010	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.2 %	70-130		07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2528066	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/10/25	
<i>Surrogate: n-Nonane</i>						
	85.8 %	61-141		07/08/25	07/10/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: AK		Batch: 2528081	
Chloride	350	100	5	07/08/25	07/10/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/11/2025 2:05:10PM

FL20 3'

E507028-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2528010	
Benzene	ND	0.0250	1	07/07/25	07/10/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/10/25	
Toluene	ND	0.0250	1	07/07/25	07/10/25	
o-Xylene	ND	0.0250	1	07/07/25	07/10/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/10/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	88.4 %	70-130		07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2528010	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.1 %	70-130		07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2528066	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/10/25	
<i>Surrogate: n-Nonane</i>						
	87.4 %	61-141		07/08/25	07/10/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: AK		Batch: 2528081	
Chloride	339	100	5	07/08/25	07/10/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/11/2025 2:05:10PM

FL20 4'

E507028-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2528010	
Benzene	ND	0.0250	1	07/07/25	07/10/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/10/25	
Toluene	ND	0.0250	1	07/07/25	07/10/25	
o-Xylene	ND	0.0250	1	07/07/25	07/10/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/10/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	87.6 %	70-130		07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2528010	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.4 %	70-130		07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2528066	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/10/25	
<i>Surrogate: n-Nonane</i>						
	88.0 %	61-141		07/08/25	07/10/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: AK		Batch: 2528081	
Chloride	336	100	5	07/08/25	07/10/25	



QC Summary Data

Matador Resources, LLC.	Project Name:	Janie Conner 13 24S 28E RB #221H	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23052-0001	
Dallas TX, 75240	Project Manager:	Daniel Dominguez	7/11/2025 2:05:10PM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2528010-BLK1)

Prepared: 07/07/25 Analyzed: 07/10/25

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.45		8.00		93.2	70-130			

LCS (2528010-BS1)

Prepared: 07/07/25 Analyzed: 07/10/25

Benzene	4.90	0.0250	5.00		98.1	70-130			
Ethylbenzene	4.90	0.0250	5.00		98.1	70-130			
Toluene	4.92	0.0250	5.00		98.3	70-130			
o-Xylene	4.91	0.0250	5.00		98.3	70-130			
p,m-Xylene	9.94	0.0500	10.0		99.4	70-130			
Total Xylenes	14.9	0.0250	15.0		99.0	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.41		8.00		92.6	70-130			

Matrix Spike (2528010-MS1)

Source: E507028-09

Prepared: 07/07/25 Analyzed: 07/10/25

Benzene	5.11	0.0250	5.00	ND	102	70-130			
Ethylbenzene	5.05	0.0250	5.00	ND	101	70-130			
Toluene	5.09	0.0250	5.00	ND	102	70-130			
o-Xylene	5.08	0.0250	5.00	ND	102	70-130			
p,m-Xylene	10.2	0.0500	10.0	ND	102	70-130			
Total Xylenes	15.3	0.0250	15.0	ND	102	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.93		8.00		99.1	70-130			

Matrix Spike Dup (2528010-MSD1)

Source: E507028-09

Prepared: 07/07/25 Analyzed: 07/10/25

Benzene	5.24	0.0250	5.00	ND	105	70-130	2.36	27	
Ethylbenzene	5.17	0.0250	5.00	ND	103	70-130	2.32	26	
Toluene	5.21	0.0250	5.00	ND	104	70-130	2.30	20	
o-Xylene	5.22	0.0250	5.00	ND	104	70-130	2.80	25	
p,m-Xylene	10.5	0.0500	10.0	ND	105	70-130	2.21	23	
Total Xylenes	15.7	0.0250	15.0	ND	105	70-130	2.40	26	
Surrogate: 4-Bromochlorobenzene-PID	7.98		8.00		99.7	70-130			



QC Summary Data

Matador Resources, LLC.	Project Name:	Janie Conner 13 24S 28E RB #221H	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23052-0001	
Dallas TX, 75240	Project Manager:	Daniel Dominguez	7/11/2025 2:05:10PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2528010-BLK1) Prepared: 07/07/25 Analyzed: 07/10/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.64		8.00		108	70-130			

LCS (2528010-BS2) Prepared: 07/07/25 Analyzed: 07/10/25

Gasoline Range Organics (C6-C10)	46.3	20.0	50.0		92.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.57		8.00		107	70-130			

Matrix Spike (2528010-MS2) Source: E507028-09 Prepared: 07/07/25 Analyzed: 07/10/25

Gasoline Range Organics (C6-C10)	49.4	20.0	50.0	ND	98.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.45		8.00		106	70-130			

Matrix Spike Dup (2528010-MSD2) Source: E507028-09 Prepared: 07/07/25 Analyzed: 07/10/25

Gasoline Range Organics (C6-C10)	46.9	20.0	50.0	ND	93.8	70-130	5.28	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.06		8.00		101	70-130			



QC Summary Data

Matador Resources, LLC.	Project Name:	Janie Conner 13 24S 28E RB #221H	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23052-0001	
Dallas TX, 75240	Project Manager:	Daniel Dominguez	7/11/2025 2:05:10PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2528066-BLK1)					Prepared: 07/08/25 Analyzed: 07/09/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	42.7		50.0		85.3	61-141			

LCS (2528066-BS1)					Prepared: 07/08/25 Analyzed: 07/09/25				
Diesel Range Organics (C10-C28)	269	25.0	250		107	66-144			
Surrogate: n-Nonane	42.7		50.0		85.4	61-141			

Matrix Spike (2528066-MS1)					Source: E507028-01		Prepared: 07/08/25 Analyzed: 07/09/25		
Diesel Range Organics (C10-C28)	258	25.0	250	ND	103	56-156			
Surrogate: n-Nonane	38.8		50.0		77.6	61-141			

Matrix Spike Dup (2528066-MSD1)					Source: E507028-01		Prepared: 07/08/25 Analyzed: 07/09/25		
Diesel Range Organics (C10-C28)	244	25.0	250	ND	97.6	56-156	5.57	20	
Surrogate: n-Nonane	37.2		50.0		74.5	61-141			



QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Janie Conner 13 24S 28E RB #221H Project Number: 23052-0001 Project Manager: Daniel Dominguez	Reported: 7/11/2025 2:05:10PM
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Anions by EPA 300.0/9056A

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
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Blank (2528081-BLK1)					Prepared: 07/08/25 Analyzed: 07/09/25				
Chloride	ND	20.0							
LCS (2528081-BS1)					Prepared: 07/08/25 Analyzed: 07/09/25				
Chloride	254	20.0	250		101	90-110			
Matrix Spike (2528081-MS1)					Source: E507028-03		Prepared: 07/08/25 Analyzed: 07/10/25		
Chloride	638	20.0	250	402	94.2	80-120			
Matrix Spike Dup (2528081-MSD1)					Source: E507028-03		Prepared: 07/08/25 Analyzed: 07/10/25		
Chloride	616	20.0	250	402	85.5	80-120	3.46	20	

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



Definitions and Notes

Matador Resources, LLC.	Project Name:	Janie Conner 13 24S 28E RB #221H	
5400 LBJ Freeway, Suite 1500	Project Number:	23052-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	07/11/25 14:05

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



Client: Matador Resources Company				Bill To				Lab Use Only				TAT				EPA Program					
Project: Janie Conner 13 24S 28E RB #221H				Attention: Jason Touchet				Lab WO# E507028				Job Number 23052-0001				1D	2D	3D	Standard	CWA	SDWA
Project Manager: Daniel Dominguez				Address: 5400 LBJ Freeway Ste 1500															X		
Address: 4024 Plains Hwy				City, State, Zip: Dallas																	RCRA
City, State, Zip: Lovington, NM 88260, NM, 88260				Phone: 3376523463																	
Phone: 575 393-3386				Email: jason.touchet@matadorresources.com																	
Email: pm@hungry-horse.com																					
Report due by:																					

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Depth	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC NM	BGDOC TX				State	Remarks
																			NM CO UT AZ TX	
																			X	
905	1-Jul	Soil	1	FL17	Surf	1								X						2.6
910	1-Jul	Soil	1	FL17	1'	2								X						2.4
915	1-Jul	Soil	1	FL17	2'	3								X						3.6
920	1-Jul	Soil	1	FL17	3'	4								X						3.4
925	1-Jul	Soil	1	FL17	4'	5								X						2.8
930	1-Jul	Soil	1	FL18	Surf	6								X						2.4
935	1-Jul	Soil	1	FL18	1'	7								X						4.0
940	1-Jul	Soil	1	FL18	2'	8								X						4.0
945	1-Jul	Soil	1	FL18	3'	9								X						3.8
950	1-Jul	Soil	1	FL18	4'	10								X						3.6

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Sampled by:

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6°C on subsequent days.

Relinquished by: (Signature) <i>Don Samir</i>	Date 7/2/25	Time 1330	Received by: (Signature) <i>Michelle Gonzales</i>	Date 7-2-25	Time 1330	Lab Use Only Received on ice: <input checked="" type="radio"/> Y / <input type="radio"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C _____
Relinquished by: (Signature) <i>Michelle Gonzales</i>	Date 7-2-25	Time 1700	Received by: (Signature) <i>J.H.</i>	Date 7.2.25	Time 1700	
Relinquished by: (Signature) <i>J.H.</i>	Date 7.2.25	Time 2400	Received by: (Signature) <i>Caitlin Mann</i>	Date 7-3-25	Time 900	

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

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

Note: Samples are discarded 30 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.

Client: Matador Resources Company		Bill To		Lab Use Only				TAT				EPA Program	
Project: Janie Conner 13 24S 28E RB #221H		Attention: Jason Touchet		Lab WO#		Job Number		1D	2D	3D	Standard	CWA	SDWA
Project Manager: Daniel Dominguez		Address: 5400 LBJ Freeway Ste 1500		E507028		23052-0001					X		
Address: 4024 Plains Hwy		City, State, Zip: Dallas											
City, State, Zip: Lovington, NM 88260, NM, 88260		Phone: 3376523463		Analysis and Method									
Phone: 575 393-3386		Email: jason.touchet@matadorresources.com											
Email: pm@hungry-horse.com		Report due by:		State									
				NM CO UT AZ TX									
				X									

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Depth	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
1005	1-Jul	Soil	1	FL19	Surf	11							X		4.0
1010	1-Jul	Soil	1	FL19	1'	12							X		3.6
1015	1-Jul	Soil	1	FL19	2'	13							X		3.2
1020	1-Jul	Soil	1	FL19	3'	14							X		2.8
1025	1-Jul	Soil	1	FL19	4'	15							X		2.0
1030	1-Jul	Soil	1	FL20	Surf	16							X		3.1
1035	1-Jul	Soil	1	FL20	1'	17							X		3.4
1040	1-Jul	Soil	1	FL20	2'	18							X		4.1
1045	1-Jul	Soil	1	FL20	3'	19							X		5.8
1050	1-Jul	Soil	1	FL20	4'	20							X		3.6

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Relinquished by: (Signature)				Date		Time		Received by: (Signature)				Date		Time		Lab Use Only	
<i>[Signature]</i>				7/2/25		1330		<i>Michelle Gonzales</i>				7-2-25		1330		Received on ice: <input checked="" type="radio"/> Y / <input type="radio"/> N	
Relinquished by: (Signature)				Date		Time		Received by: (Signature)				Date		Time		T1 T2 T3	
<i>Michelle Gonzales</i>				7-2-25		1700		<i>[Signature]</i>				7-2-25		1700			
Relinquished by: (Signature)				Date		Time		Received by: (Signature)				Date		Time		AVG Temp °C	
<i>[Signature]</i>				7-2-25		2400		<i>Carlyle Mann</i>				7-3-25		900			

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

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

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Envirotech Analytical Laboratory

Printed: 7/3/2025 2:30:03PM

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:	07/03/25 09:00	Work Order ID:	E507028
Phone:	(972) 371-5200	Date Logged In:	07/02/25 16:05	Logged In By:	Caitlin Mars
Email:	pm@hungry-horse.com	Due Date:	07/10/25 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

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

Carrier: Courier**Sample Turn Around Time (TAT)**

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction**Comments/Resolution**

Project Janie Conner 13 24S 28E RB #221H has been separated into multiple reports due to sample volume. WOs are E507024 to E507032. Sampled by not provided on COC.

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

Date



envirotech Inc.

Report to:

Daniel Dominguez



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 13 24S 28E RB
#221H

Work Order: E507029

Job Number: 23052-0001

Received: 7/3/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/10/25

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: 7/10/25

Daniel Dominguez
5400 LBJ Freeway, Suite 1500
Dallas, TX 75240



Project Name: Janie Conner 13 24S 28E RB #221H
Workorder: E507029
Date Received: 7/3/2025 9:00:00AM

Daniel Dominguez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/3/2025 9:00:00AM, under the Project Name: Janie Conner 13 24S 28E RB #221H.

The analytical test results summarized in this report with the Project Name: Janie Conner 13 24S 28E RB #221H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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Sample Summary

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
07/10/25 15:56

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FL21 Surf	E507029-01A	Soil	07/01/25	07/03/25	Glass Jar, 2 oz.
FL21 1'	E507029-02A	Soil	07/01/25	07/03/25	Glass Jar, 2 oz.
FL21 2'	E507029-03A	Soil	07/01/25	07/03/25	Glass Jar, 2 oz.
FL21 3'	E507029-04A	Soil	07/01/25	07/03/25	Glass Jar, 2 oz.
FL21 4'	E507029-05A	Soil	07/01/25	07/03/25	Glass Jar, 2 oz.
FL22 Surf	E507029-06A	Soil	07/01/25	07/03/25	Glass Jar, 2 oz.
FL22 1'	E507029-07A	Soil	07/01/25	07/03/25	Glass Jar, 2 oz.
FL22 2'	E507029-08A	Soil	07/01/25	07/03/25	Glass Jar, 2 oz.
FL22 3'	E507029-09A	Soil	07/01/25	07/03/25	Glass Jar, 2 oz.
FL22 4'	E507029-10A	Soil	07/01/25	07/03/25	Glass Jar, 2 oz.
FL23 Surf	E507029-11A	Soil	07/01/25	07/03/25	Glass Jar, 2 oz.
FL23 1'	E507029-12A	Soil	07/01/25	07/03/25	Glass Jar, 2 oz.
FL23 2'	E507029-13A	Soil	07/01/25	07/03/25	Glass Jar, 2 oz.
FL23 3'	E507029-14A	Soil	07/01/25	07/03/25	Glass Jar, 2 oz.
FL23 4'	E507029-15A	Soil	07/01/25	07/03/25	Glass Jar, 2 oz.
FL24 Surf	E507029-16A	Soil	07/01/25	07/03/25	Glass Jar, 2 oz.
FL24 1'	E507029-17A	Soil	07/01/25	07/03/25	Glass Jar, 2 oz.
FL24 2'	E507029-18A	Soil	07/01/25	07/03/25	Glass Jar, 2 oz.
FL24 3'	E507029-19A	Soil	07/01/25	07/03/25	Glass Jar, 2 oz.
FL24 4'	E507029-20A	Soil	07/01/25	07/03/25	Glass Jar, 2 oz.



Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Janie Conner 13 24S 28E RB #221H Project Number: 23052-0001 Project Manager: Daniel Dominguez	Reported: 7/10/2025 3:56:13PM
-----------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------	-----------------------------------------

FL21 Surf

E507029-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2528011	
Benzene	ND	0.0250	1	07/07/25	07/09/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/09/25	
Toluene	ND	0.0250	1	07/07/25	07/09/25	
o-Xylene	ND	0.0250	1	07/07/25	07/09/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/09/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		100 %	70-130	07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2528011	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.4 %	70-130	07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2528068	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>		109 %	61-141	07/08/25	07/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2528082	
Chloride	165	40.0	2	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 3:56:13PM

FL21 1'

E507029-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2528011	
Benzene	ND	0.0250	1	07/07/25	07/09/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/09/25	
Toluene	ND	0.0250	1	07/07/25	07/09/25	
o-Xylene	ND	0.0250	1	07/07/25	07/09/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/09/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	99.5 %	70-130		07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2528011	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	93.8 %	70-130		07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2528068	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>	106 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2528082	
Chloride	219	40.0	2	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 3:56:13PM

FL21 2'

E507029-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2528011	
Benzene	ND	0.0250	1	07/07/25	07/09/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/09/25	
Toluene	ND	0.0250	1	07/07/25	07/09/25	
o-Xylene	ND	0.0250	1	07/07/25	07/09/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/09/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	99.5 %	70-130		07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2528011	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	93.3 %	70-130		07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2528068	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>	107 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2528082	
Chloride	396	100	5	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 3:56:13PM

FL21 3'

E507029-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2528011	
Benzene	ND	0.0250	1	07/07/25	07/09/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/09/25	
Toluene	ND	0.0250	1	07/07/25	07/09/25	
o-Xylene	ND	0.0250	1	07/07/25	07/09/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/09/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	98.8 %	70-130		07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2528011	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	95.5 %	70-130		07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2528068	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>	108 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2528082	
Chloride	327	100	5	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 3:56:13PM

FL21 4'

E507029-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2528011	
Benzene	ND	0.0250	1	07/07/25	07/09/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/09/25	
Toluene	ND	0.0250	1	07/07/25	07/09/25	
o-Xylene	ND	0.0250	1	07/07/25	07/09/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/09/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		100 %	70-130	07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2528011	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.2 %	70-130	07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2528068	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>		107 %	61-141	07/08/25	07/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2528082	
Chloride	394	40.0	2	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 3:56:13PM

FL22 Surf

E507029-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2528011	
Benzene	ND	0.0250	1	07/07/25	07/09/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/09/25	
Toluene	ND	0.0250	1	07/07/25	07/09/25	
o-Xylene	ND	0.0250	1	07/07/25	07/09/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/09/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	97.9 %	70-130		07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2528011	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	94.0 %	70-130		07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2528068	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/10/25	
<i>Surrogate: n-Nonane</i>	106 %	61-141		07/08/25	07/10/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2528082	
Chloride	163	40.0	2	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 3:56:13PM

FL22 1'

E507029-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2528011	
Benzene	ND	0.0250	1	07/07/25	07/09/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/09/25	
Toluene	ND	0.0250	1	07/07/25	07/09/25	
o-Xylene	ND	0.0250	1	07/07/25	07/09/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/09/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.1 %	70-130	07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2528011	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.0 %	70-130	07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2528068	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/10/25	
<i>Surrogate: n-Nonane</i>		106 %	61-141	07/08/25	07/10/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2528082	
Chloride	176	40.0	2	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 3:56:13PM

FL22 2'

E507029-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2528011	
Benzene	ND	0.0250	1	07/07/25	07/09/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/09/25	
Toluene	ND	0.0250	1	07/07/25	07/09/25	
o-Xylene	ND	0.0250	1	07/07/25	07/09/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/09/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	97.7 %	70-130		07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2528011	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	93.8 %	70-130		07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2528068	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/10/25	
<i>Surrogate: n-Nonane</i>	109 %	61-141		07/08/25	07/10/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2528082	
Chloride	351	100	5	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 3:56:13PM

FL22 3'

E507029-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2528011	
Benzene	ND	0.0250	1	07/07/25	07/09/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/09/25	
Toluene	ND	0.0250	1	07/07/25	07/09/25	
o-Xylene	ND	0.0250	1	07/07/25	07/09/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/09/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	98.6 %	70-130		07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2528011	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	94.8 %	70-130		07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2528068	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/10/25	
<i>Surrogate: n-Nonane</i>	109 %	61-141		07/08/25	07/10/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2528082	
Chloride	403	100	5	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 3:56:13PM

FL22 4'

E507029-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2528011	
Benzene	ND	0.0250	1	07/07/25	07/09/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/09/25	
Toluene	ND	0.0250	1	07/07/25	07/09/25	
o-Xylene	ND	0.0250	1	07/07/25	07/09/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/09/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	96.8 %	70-130		07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2528011	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	93.6 %	70-130		07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2528068	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/10/25	
<i>Surrogate: n-Nonane</i>	106 %	61-141		07/08/25	07/10/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2528082	
Chloride	370	100	5	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 3:56:13PM

FL23 Surf

E507029-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2528011	
Benzene	ND	0.0250	1	07/07/25	07/09/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/09/25	
Toluene	ND	0.0250	1	07/07/25	07/09/25	
o-Xylene	ND	0.0250	1	07/07/25	07/09/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/09/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.7 %	70-130		07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2528011	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.8 %	70-130		07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2528068	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/10/25	
<i>Surrogate: n-Nonane</i>						
	118 %	61-141		07/08/25	07/10/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2528082	
Chloride	224	40.0	2	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 3:56:13PM

FL23 1'

E507029-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2528011	
Benzene	ND	0.0250	1	07/07/25	07/09/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/09/25	
Toluene	ND	0.0250	1	07/07/25	07/09/25	
o-Xylene	ND	0.0250	1	07/07/25	07/09/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/09/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	98.7 %	70-130		07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2528011	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	93.2 %	70-130		07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2528068	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/10/25	
<i>Surrogate: n-Nonane</i>	121 %	61-141		07/08/25	07/10/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2528082	
Chloride	185	40.0	2	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 3:56:13PM

FL23 2'

E507029-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2528011	
Benzene	ND	0.0250	1	07/07/25	07/09/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/09/25	
Toluene	ND	0.0250	1	07/07/25	07/09/25	
o-Xylene	ND	0.0250	1	07/07/25	07/09/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/09/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2528011	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.2 %	70-130	07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2528068	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/10/25	
<i>Surrogate: n-Nonane</i>		108 %	61-141	07/08/25	07/10/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2528082	
Chloride	306	100	5	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 3:56:13PM

FL23 3'

E507029-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2528011	
Benzene	ND	0.0250	1	07/07/25	07/09/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/09/25	
Toluene	ND	0.0250	1	07/07/25	07/09/25	
o-Xylene	ND	0.0250	1	07/07/25	07/09/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/09/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	99.2 %	70-130		07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2528011	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	95.8 %	70-130		07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2528068	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/10/25	
<i>Surrogate: n-Nonane</i>	108 %	61-141		07/08/25	07/10/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2528082	
Chloride	283	100	5	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 3:56:13PM

FL23 4'

E507029-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2528011	
Benzene	ND	0.0250	1	07/07/25	07/09/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/09/25	
Toluene	ND	0.0250	1	07/07/25	07/09/25	
o-Xylene	ND	0.0250	1	07/07/25	07/09/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/09/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	99.2 %	70-130		07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2528011	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	93.7 %	70-130		07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2528068	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/10/25	
<i>Surrogate: n-Nonane</i>	108 %	61-141		07/08/25	07/10/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2528082	
Chloride	302	100	5	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 3:56:13PM

FL24 Surf

E507029-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2528011	
Benzene	ND	0.0250	1	07/07/25	07/09/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/09/25	
Toluene	ND	0.0250	1	07/07/25	07/09/25	
o-Xylene	ND	0.0250	1	07/07/25	07/09/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/09/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	100 %	70-130		07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2528011	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.7 %	70-130		07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2528068	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/10/25	
<i>Surrogate: n-Nonane</i>						
	109 %	61-141		07/08/25	07/10/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2528082	
Chloride	235	40.0	2	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 3:56:13PM

FL24 1'

E507029-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2528011	
Benzene	ND	0.0250	1	07/07/25	07/09/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/09/25	
Toluene	ND	0.0250	1	07/07/25	07/09/25	
o-Xylene	ND	0.0250	1	07/07/25	07/09/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/09/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	98.9 %	70-130		07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2528011	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	94.6 %	70-130		07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2528068	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/10/25	
<i>Surrogate: n-Nonane</i>	109 %	61-141		07/08/25	07/10/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2528082	
Chloride	216	40.0	2	07/08/25	07/10/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 3:56:13PM

FL24 2'

E507029-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2528011	
Benzene	ND	0.0250	1	07/07/25	07/09/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/09/25	
Toluene	ND	0.0250	1	07/07/25	07/09/25	
o-Xylene	ND	0.0250	1	07/07/25	07/09/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/09/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	99.0 %	70-130		07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2528011	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	94.3 %	70-130		07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2528068	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/10/25	
<i>Surrogate: n-Nonane</i>	108 %	61-141		07/08/25	07/10/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2528082	
Chloride	290	100	5	07/08/25	07/10/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 3:56:13PM

FL24 3'

E507029-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2528011	
Benzene	ND	0.0250	1	07/07/25	07/09/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/09/25	
Toluene	ND	0.0250	1	07/07/25	07/09/25	
o-Xylene	ND	0.0250	1	07/07/25	07/09/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/09/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	99.0 %	70-130		07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2528011	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	94.3 %	70-130		07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2528068	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/10/25	
<i>Surrogate: n-Nonane</i>	111 %	61-141		07/08/25	07/10/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2528082	
Chloride	355	100	5	07/08/25	07/10/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 3:56:13PM

FL24 4'

E507029-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2528011	
Benzene	ND	0.0250	1	07/07/25	07/09/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/09/25	
Toluene	ND	0.0250	1	07/07/25	07/09/25	
o-Xylene	ND	0.0250	1	07/07/25	07/09/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/09/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	99.9 %	70-130		07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2528011	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	93.8 %	70-130		07/07/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2528068	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/10/25	
<i>Surrogate: n-Nonane</i>	109 %	61-141		07/08/25	07/10/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2528082	
Chloride	316	100	5	07/08/25	07/10/25	



QC Summary Data

Matador Resources, LLC.	Project Name:	Janie Conner 13 24S 28E RB #221H	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23052-0001	
Dallas TX, 75240	Project Manager:	Daniel Dominguez	7/10/2025 3:56:13PM

Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2528011-BLK1)

Prepared: 07/07/25 Analyzed: 07/09/25

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

LCS (2528011-BS1)

Prepared: 07/07/25 Analyzed: 07/09/25

Benzene	4.80	0.0250	5.00		96.0	70-130			
Ethylbenzene	4.69	0.0250	5.00		93.7	70-130			
Toluene	4.76	0.0250	5.00		95.1	70-130			
o-Xylene	4.60	0.0250	5.00		91.9	70-130			
p,m-Xylene	9.43	0.0500	10.0		94.3	70-130			
Total Xylenes	14.0	0.0250	15.0		93.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.99		8.00		99.9	70-130			

Matrix Spike (2528011-MS1)

Source: E507029-05

Prepared: 07/07/25 Analyzed: 07/09/25

Benzene	5.01	0.0250	5.00	ND	100	70-130			
Ethylbenzene	4.89	0.0250	5.00	ND	97.8	70-130			
Toluene	4.97	0.0250	5.00	ND	99.3	70-130			
o-Xylene	4.81	0.0250	5.00	ND	96.2	70-130			
p,m-Xylene	9.85	0.0500	10.0	ND	98.5	70-130			
Total Xylenes	14.7	0.0250	15.0	ND	97.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.00		8.00		99.9	70-130			

Matrix Spike Dup (2528011-MSD1)

Source: E507029-05

Prepared: 07/07/25 Analyzed: 07/09/25

Benzene	5.72	0.0250	5.00	ND	114	70-130	13.4	27	
Ethylbenzene	5.59	0.0250	5.00	ND	112	70-130	13.3	26	
Toluene	5.68	0.0250	5.00	ND	114	70-130	13.3	20	
o-Xylene	5.49	0.0250	5.00	ND	110	70-130	13.2	25	
p,m-Xylene	11.2	0.0500	10.0	ND	112	70-130	13.0	23	
Total Xylenes	16.7	0.0250	15.0	ND	111	70-130	13.1	26	
Surrogate: 4-Bromochlorobenzene-PID	7.91		8.00		98.9	70-130			



QC Summary Data

Matador Resources, LLC.	Project Name:	Janie Conner 13 24S 28E RB #221H	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23052-0001	
Dallas TX, 75240	Project Manager:	Daniel Dominguez	7/10/2025 3:56:13PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2528011-BLK1) Prepared: 07/07/25 Analyzed: 07/09/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.41		8.00		92.6	70-130			

LCS (2528011-BS2) Prepared: 07/07/25 Analyzed: 07/09/25

Gasoline Range Organics (C6-C10)	46.5	20.0	50.0		93.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.61		8.00		95.1	70-130			

Matrix Spike (2528011-MS2) Source: E507029-05 Prepared: 07/07/25 Analyzed: 07/09/25

Gasoline Range Organics (C6-C10)	43.5	20.0	50.0	ND	86.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.50		8.00		93.7	70-130			

Matrix Spike Dup (2528011-MSD2) Source: E507029-05 Prepared: 07/07/25 Analyzed: 07/09/25

Gasoline Range Organics (C6-C10)	46.7	20.0	50.0	ND	93.3	70-130	7.10	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.48		8.00		93.5	70-130			



QC Summary Data

Matador Resources, LLC.	Project Name:	Janie Conner 13 24S 28E RB #221H	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23052-0001	
Dallas TX, 75240	Project Manager:	Daniel Dominguez	7/10/2025 3:56:13PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2528068-BLK1)

Prepared: 07/08/25 Analyzed: 07/09/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	54.2		50.0		108	61-141			

LCS (2528068-BS1)

Prepared: 07/08/25 Analyzed: 07/09/25

Diesel Range Organics (C10-C28)	281	25.0	250		112	66-144			
Surrogate: n-Nonane	50.4		50.0		101	61-141			

Matrix Spike (2528068-MS1)

Source: E507029-09

Prepared: 07/08/25 Analyzed: 07/09/25

Diesel Range Organics (C10-C28)	300	25.0	250	ND	120	56-156			
Surrogate: n-Nonane	54.5		50.0		109	61-141			

Matrix Spike Dup (2528068-MSD1)

Source: E507029-09

Prepared: 07/08/25 Analyzed: 07/09/25

Diesel Range Organics (C10-C28)	296	25.0	250	ND	119	56-156	1.10	20	
Surrogate: n-Nonane	53.5		50.0		107	61-141			



QC Summary Data

Matador Resources, LLC.	Project Name:	Janie Conner 13 24S 28E RB #221H	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23052-0001	
Dallas TX, 75240	Project Manager:	Daniel Dominguez	7/10/2025 3:56:13PM

Anions by EPA 300.0/9056A

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
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Blank (2528082-BLK1)					Prepared: 07/08/25 Analyzed: 07/09/25				
Chloride	ND	20.0							
LCS (2528082-BS1)					Prepared: 07/08/25 Analyzed: 07/09/25				
Chloride	256	20.0	250		102	90-110			
Matrix Spike (2528082-MS1)					Source: E507029-04		Prepared: 07/08/25 Analyzed: 07/09/25		
Chloride	619	100	250	327	117	80-120			
Matrix Spike Dup (2528082-MSD1)					Source: E507029-04		Prepared: 07/08/25 Analyzed: 07/09/25		
Chloride	588	100	250	327	104	80-120	5.05	20	

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



Definitions and Notes

Matador Resources, LLC.	Project Name:	Janie Conner 13 24S 28E RB #221H	
5400 LBJ Freeway, Suite 1500	Project Number:	23052-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	07/10/25 15:56

- 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: Matador Resources Company				Bill To				Lab Use Only				TAT				EPA Program					
Project: Janie Conner 13 24S 28E RB #221H				Attention: Jason Touchet				Lab WO#				Job Number				1D	2D	3D	Standard	CWA	SDWA
Project Manager: Daniel Dominguez				Address: 5400 LBJ Freeway Ste 1500				E507029				83052-0001							X		
Address: 4024 Plains Hwy				City, State, Zip: Dallas				Analysis and Method								RCRA					
City, State, Zip: Lovington, NM 88260, NM, 88260				Phone: 3376523463																	
Phone: 575 393-3386				Email: jason.touchet@matadorresources.com																	
Email: pm@hungry-horse.com																					
Report due by:																					

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Depth	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BDOC NM	BDOC TX	Remarks
1105	1-Jul	Soil	1	FL21	Surf	1							X		3.0
1110	1-Jul	Soil	1	FL21	1'	2							X		3.0
1115	1-Jul	Soil	1	FL21	2'	3							X		2.8
1120	1-Jul	Soil	1	FL21	3'	4							X		2.6
1125	1-Jul	Soil	1	FL21	4'	5							X		2.4
1130	1-Jul	Soil	1	FL22	Surf	6							X		3.3
1135	1-Jul	Soil	1	FL22	1'	7							X		3.0
1140	1-Jul	Soil	1	FL22	2'	8							X		3.6
1145	1-Jul	Soil	1	FL22	3'	9							X		2.9
1150	1-Jul	Soil	1	FL22	4'	10							X		3.1

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Sampled by:

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6°C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only Received on ice: <input checked="" type="radio"/> Y / <input type="radio"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C _____
<i>Sam Conner</i>	7/2/25	1330	<i>Michelle Gonzales</i>	7.2.25	1330	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
<i>Michelle Gonzales</i>	7.2.25	1700	<i>Michelle</i>	7.2.25	1700	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
<i>Michelle</i>	7.2.25	2400	<i>Caitlin</i>	7.3.25	900	

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

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

Note: Samples are discarded 30 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.

Client: Matador Resources Company		Bill To		Lab Use Only				TAT				EPA Program	
Project: Janie Conner 13 24S 28E RB #221H		Attention: Jason Touchet		Lab WO#		Job Number		1D	2D	3D	Standard	CWA	SDWA
Project Manager: Daniel Dominguez		Address: 5400 LBJ Freeway Ste 1500		E507029		23052001					X		
Address: 4024 Plains Hwy		City, State, Zip: Dallas											
City, State, Zip: Lovington, NM 88260, NM, 88260		Phone: 3376523463											
Phone: 575 393-3386		Email: jason.touchet@matadorresources.com											
Email: pm@hungry-horse.com													
Report due by:													

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Depth	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BDOC NM	BDOC TX	Remarks
1205	1-Jul	Soil	1	FL23	Surf	11							X		4.5
1210	1-Jul	Soil	1	FL23	1'	12							X		4.7
1215	1-Jul	Soil	1	FL23	2'	13							X		3.8
1220	1-Jul	Soil	1	FL23	3'	14							X		3.6
1225	1-Jul	Soil	1	FL23	4'	15							X		4.1
1230	1-Jul	Soil	1	FL24	Surf	16							X		4.0
1235	1-Jul	Soil	1	FL24	1'	17							X		3.6
1240	1-Jul	Soil	1	FL24	2'	18							X		3.4
1245	1-Jul	Soil	1	FL24	3'	19							X		3.5
1250	1-Jul	Soil	1	FL24	4'	20							X		3.7

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6°C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only Received on ice: <input checked="" type="radio"/> Y / <input type="radio"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C _____
<i>Janie Conner</i>	7/2/25	1330	<i>Michelle Gonzales</i>	7.2.25	1330	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
<i>Michelle Gonzales</i>	7.2.25	1700	<i>L.H.</i>	7.2.25	1700	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
<i>L.H.</i>	7.2.25	2400	<i>Caitlin Mann</i>	7.3.25	900	

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____ Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Envirotech Analytical Laboratory

Printed: 7/3/2025 2:33:00PM

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:	07/03/25 09:00	Work Order ID:	E507029
Phone:	(972) 371-5200	Date Logged In:	07/02/25 16:08	Logged In By:	Caitlin Mars
Email:	pm@hungry-horse.com	Due Date:	07/10/25 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

Carrier: Courier

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

Sample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client InstructionComments/Resolution

Project Janie Conner 13 24S 28E RB #221H has been separated into multiple reports due to sample volume. WOs are E507024 to E507032. Sampled by not provided on COC.

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

Date



envirotech Inc.

Report to:

Daniel Dominguez



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Matador Resources, LLC.

Project Name: Janie Conner 13 24S 28E RB
#221H

Work Order: E507030

Job Number: 23052-0001

Received: 7/3/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/11/25

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 7/11/25

Daniel Dominguez
5400 LBJ Freeway, Suite 1500
Dallas, TX 75240



Project Name: Janie Conner 13 24S 28E RB #221H
Workorder: E507030
Date Received: 7/3/2025 9:00:00AM

Daniel Dominguez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/3/2025 9:00:00AM, under the Project Name: Janie Conner 13 24S 28E RB #221H.

The analytical test results summarized in this report with the Project Name: Janie Conner 13 24S 28E RB #221H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman
Laboratory Director
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Cell: 775-287-1762
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Sample Summary

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
07/11/25 15:30

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FL25 Surf	E507030-01A	Soil	07/01/25	07/03/25	Glass Jar, 2 oz.
FL25 1'	E507030-02A	Soil	07/01/25	07/03/25	Glass Jar, 2 oz.
FL25 2'	E507030-03A	Soil	07/01/25	07/03/25	Glass Jar, 2 oz.
FL25 3'	E507030-04A	Soil	07/01/25	07/03/25	Glass Jar, 2 oz.
FL25 4'	E507030-05A	Soil	07/01/25	07/03/25	Glass Jar, 2 oz.
FL26 Surf	E507030-06A	Soil	07/01/25	07/03/25	Glass Jar, 2 oz.
FL26 1'	E507030-07A	Soil	07/01/25	07/03/25	Glass Jar, 2 oz.
FL26 2'	E507030-08A	Soil	07/01/25	07/03/25	Glass Jar, 2 oz.
FL26 3'	E507030-09A	Soil	07/01/25	07/03/25	Glass Jar, 2 oz.
FL26 4'	E507030-10A	Soil	07/01/25	07/03/25	Glass Jar, 2 oz.
FL27 Surf	E507030-11A	Soil	07/01/25	07/03/25	Glass Jar, 2 oz.
FL27 1'	E507030-12A	Soil	07/01/25	07/03/25	Glass Jar, 2 oz.
FL27 2'	E507030-13A	Soil	07/01/25	07/03/25	Glass Jar, 2 oz.
FL27 3'	E507030-14A	Soil	07/01/25	07/03/25	Glass Jar, 2 oz.
FL27 4'	E507030-15A	Soil	07/01/25	07/03/25	Glass Jar, 2 oz.
FL28 Surf	E507030-16A	Soil	07/01/25	07/03/25	Glass Jar, 2 oz.
FL28 1'	E507030-17A	Soil	07/01/25	07/03/25	Glass Jar, 2 oz.
FL28 2'	E507030-18A	Soil	07/01/25	07/03/25	Glass Jar, 2 oz.
FL28 3'	E507030-19A	Soil	07/01/25	07/03/25	Glass Jar, 2 oz.
FL28 4'	E507030-20A	Soil	07/01/25	07/03/25	Glass Jar, 2 oz.



Sample Data

Matador Resources, LLC.

5400 LBJ Freeway, Suite 1500

Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H

Project Number: 23052-0001

Project Manager: Daniel Dominguez

Reported:

7/11/2025 3:30:59PM

FL25 Surf

E507030-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2528012	
Benzene	ND	0.0250	1	07/07/25	07/10/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/10/25	
Toluene	ND	0.0250	1	07/07/25	07/10/25	
o-Xylene	ND	0.0250	1	07/07/25	07/10/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/10/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	95.5 %	70-130		07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2528012	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	94.6 %	70-130		07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS		Batch: 2528069	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>	82.9 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK		Batch: 2528083	
Chloride	186	40.0	2	07/08/25	07/10/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/11/2025 3:30:59PM

FL25 1'

E507030-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2528012	
Benzene	ND	0.0250	1	07/07/25	07/10/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/10/25	
Toluene	ND	0.0250	1	07/07/25	07/10/25	
o-Xylene	ND	0.0250	1	07/07/25	07/10/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/10/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	95.5 %	70-130		07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2528012	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	95.2 %	70-130		07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS		Batch: 2528069	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>	85.0 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK		Batch: 2528083	
Chloride	252	40.0	2	07/08/25	07/10/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/11/2025 3:30:59PM

FL25 2'

E507030-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2528012	
Benzene	ND	0.0250	1	07/07/25	07/10/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/10/25	
Toluene	ND	0.0250	1	07/07/25	07/10/25	
o-Xylene	ND	0.0250	1	07/07/25	07/10/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/10/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	95.2 %	70-130		07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2528012	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	94.9 %	70-130		07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS		Batch: 2528069	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>	86.3 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK		Batch: 2528083	
Chloride	317	100	5	07/08/25	07/10/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/11/2025 3:30:59PM

FL25 3'

E507030-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2528012
Benzene	ND	0.0250	1	07/07/25	07/10/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/10/25	
Toluene	ND	0.0250	1	07/07/25	07/10/25	
o-Xylene	ND	0.0250	1	07/07/25	07/10/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/10/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/10/25	
Surrogate: 4-Bromochlorobenzene-PID	95.8 %	70-130		07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2528012
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/10/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID	96.1 %	70-130		07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2528069
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
Surrogate: n-Nonane	86.1 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: AK		Batch: 2528083
Chloride	324	100	5	07/08/25	07/10/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/11/2025 3:30:59PM

FL25 4'

E507030-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2528012	
Benzene	ND	0.0250	1	07/07/25	07/10/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/10/25	
Toluene	ND	0.0250	1	07/07/25	07/10/25	
o-Xylene	ND	0.0250	1	07/07/25	07/10/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/10/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	94.2 %	70-130		07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2528012	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	95.7 %	70-130		07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS		Batch: 2528069	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/10/25	
<i>Surrogate: n-Nonane</i>	74.5 %	61-141		07/08/25	07/10/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK		Batch: 2528083	
Chloride	289	100	5	07/08/25	07/10/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/11/2025 3:30:59PM

FL26 Surf

E507030-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2528012	
Benzene	ND	0.0250	1	07/07/25	07/10/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/10/25	
Toluene	ND	0.0250	1	07/07/25	07/10/25	
o-Xylene	ND	0.0250	1	07/07/25	07/10/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/10/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	94.9 %	70-130		07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2528012	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	94.7 %	70-130		07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS		Batch: 2528069	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/10/25	
<i>Surrogate: n-Nonane</i>	85.5 %	61-141		07/08/25	07/10/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK		Batch: 2528083	
Chloride	204	40.0	2	07/08/25	07/10/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/11/2025 3:30:59PM

FL26 1'

E507030-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2528012	
Benzene	ND	0.0250	1	07/07/25	07/10/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/10/25	
Toluene	ND	0.0250	1	07/07/25	07/10/25	
o-Xylene	ND	0.0250	1	07/07/25	07/10/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/10/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	94.0 %	70-130		07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2528012	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	96.1 %	70-130		07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS		Batch: 2528069	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/10/25	
<i>Surrogate: n-Nonane</i>	73.5 %	61-141		07/08/25	07/10/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK		Batch: 2528083	
Chloride	101	40.0	2	07/08/25	07/10/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/11/2025 3:30:59PM

FL26 2'

E507030-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2528012	
Benzene	ND	0.0250	1	07/07/25	07/10/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/10/25	
Toluene	ND	0.0250	1	07/07/25	07/10/25	
o-Xylene	ND	0.0250	1	07/07/25	07/10/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/10/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	93.5 %	70-130		07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2528012	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	94.8 %	70-130		07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS		Batch: 2528069	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/10/25	
<i>Surrogate: n-Nonane</i>	86.9 %	61-141		07/08/25	07/10/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK		Batch: 2528083	
Chloride	306	100	5	07/08/25	07/10/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/11/2025 3:30:59PM

FL26 3'

E507030-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2528012	
Benzene	ND	0.0250	1	07/07/25	07/10/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/10/25	
Toluene	ND	0.0250	1	07/07/25	07/10/25	
o-Xylene	ND	0.0250	1	07/07/25	07/10/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/10/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	95.1 %	70-130		07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2528012	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	95.4 %	70-130		07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS		Batch: 2528069	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/10/25	
<i>Surrogate: n-Nonane</i>	81.7 %	61-141		07/08/25	07/10/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK		Batch: 2528083	
Chloride	284	100	5	07/08/25	07/10/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/11/2025 3:30:59PM

FL26 4'

E507030-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2528012	
Benzene	ND	0.0250	1	07/07/25	07/10/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/10/25	
Toluene	ND	0.0250	1	07/07/25	07/10/25	
o-Xylene	ND	0.0250	1	07/07/25	07/10/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/10/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.9 %	70-130		07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2528012	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.2 %	70-130		07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2528069	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/10/25	
<i>Surrogate: n-Nonane</i>						
	83.8 %	61-141		07/08/25	07/10/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: AK		Batch: 2528083	
Chloride	293	200	10	07/08/25	07/10/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/11/2025 3:30:59PM

FL27 Surf

E507030-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2528012	
Benzene	ND	0.0250	1	07/07/25	07/10/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/10/25	
Toluene	ND	0.0250	1	07/07/25	07/10/25	
o-Xylene	ND	0.0250	1	07/07/25	07/10/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/10/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	95.8 %	70-130		07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2528012	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	95.2 %	70-130		07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS		Batch: 2528069	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/10/25	
<i>Surrogate: n-Nonane</i>	84.4 %	61-141		07/08/25	07/10/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK		Batch: 2528083	
Chloride	190	40.0	2	07/08/25	07/10/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/11/2025 3:30:59PM

FL27 1'

E507030-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2528012	
Benzene	ND	0.0250	1	07/07/25	07/10/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/10/25	
Toluene	ND	0.0250	1	07/07/25	07/10/25	
o-Xylene	ND	0.0250	1	07/07/25	07/10/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/10/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	97.4 %	70-130		07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2528012	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	95.5 %	70-130		07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS		Batch: 2528069	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/10/25	
<i>Surrogate: n-Nonane</i>	91.3 %	61-141		07/08/25	07/10/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK		Batch: 2528083	
Chloride	113	20.0	1	07/08/25	07/10/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/11/2025 3:30:59PM

FL27 2'

E507030-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2528012	
Benzene	ND	0.0250	1	07/07/25	07/10/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/10/25	
Toluene	ND	0.0250	1	07/07/25	07/10/25	
o-Xylene	ND	0.0250	1	07/07/25	07/10/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/10/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	98.2 %	70-130		07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2528012	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	95.3 %	70-130		07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS		Batch: 2528069	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>	77.1 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK		Batch: 2528083	
Chloride	329	100	5	07/08/25	07/10/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/11/2025 3:30:59PM

FL27 3'

E507030-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2528012	
Benzene	ND	0.0250	1	07/07/25	07/10/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/10/25	
Toluene	ND	0.0250	1	07/07/25	07/10/25	
o-Xylene	ND	0.0250	1	07/07/25	07/10/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/10/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	99.7 %	70-130		07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2528012	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	94.6 %	70-130		07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS		Batch: 2528069	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/10/25	
<i>Surrogate: n-Nonane</i>	83.5 %	61-141		07/08/25	07/10/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK		Batch: 2528083	
Chloride	337	100	5	07/08/25	07/10/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/11/2025 3:30:59PM

FL27 4'

E507030-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2528012	
Benzene	ND	0.0250	1	07/07/25	07/10/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/10/25	
Toluene	ND	0.0250	1	07/07/25	07/10/25	
o-Xylene	ND	0.0250	1	07/07/25	07/10/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/10/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		103 %	70-130	07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2528012	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.9 %	70-130	07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS		Batch: 2528069	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/10/25	
<i>Surrogate: n-Nonane</i>		91.4 %	61-141	07/08/25	07/10/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK		Batch: 2528083	
Chloride	130	100	5	07/08/25	07/10/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/11/2025 3:30:59PM

FL28 Surf

E507030-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2528012	
Benzene	ND	0.0250	1	07/07/25	07/10/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/10/25	
Toluene	ND	0.0250	1	07/07/25	07/10/25	
o-Xylene	ND	0.0250	1	07/07/25	07/10/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/10/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		104 %	70-130	07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2528012	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.9 %	70-130	07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS		Batch: 2528069	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/10/25	
<i>Surrogate: n-Nonane</i>		85.0 %	61-141	07/08/25	07/10/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK		Batch: 2528083	
Chloride	198	40.0	2	07/08/25	07/10/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/11/2025 3:30:59PM

FL28 1'

E507030-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2528012	
Benzene	ND	0.0250	1	07/07/25	07/10/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/10/25	
Toluene	ND	0.0250	1	07/07/25	07/10/25	
o-Xylene	ND	0.0250	1	07/07/25	07/10/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/10/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		105 %	70-130	07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2528012	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.4 %	70-130	07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS		Batch: 2528069	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/10/25	
<i>Surrogate: n-Nonane</i>		84.6 %	61-141	07/08/25	07/10/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK		Batch: 2528083	
Chloride	203	40.0	2	07/08/25	07/10/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/11/2025 3:30:59PM

FL28 2'

E507030-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2528012	
Benzene	ND	0.0250	1	07/07/25	07/10/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/10/25	
Toluene	ND	0.0250	1	07/07/25	07/10/25	
o-Xylene	ND	0.0250	1	07/07/25	07/10/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/10/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		106 %	70-130	07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2528012	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.5 %	70-130	07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS		Batch: 2528069	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/10/25	
<i>Surrogate: n-Nonane</i>		69.4 %	61-141	07/08/25	07/10/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK		Batch: 2528083	
Chloride	145	100	5	07/08/25	07/10/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/11/2025 3:30:59PM

FL28 3'

E507030-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2528012	
Benzene	ND	0.0250	1	07/07/25	07/10/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/10/25	
Toluene	ND	0.0250	1	07/07/25	07/10/25	
o-Xylene	ND	0.0250	1	07/07/25	07/10/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/10/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		106 %	70-130	07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2528012	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.9 %	70-130	07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS		Batch: 2528069	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/10/25	
<i>Surrogate: n-Nonane</i>		84.0 %	61-141	07/08/25	07/10/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK		Batch: 2528083	
Chloride	327	100	5	07/08/25	07/10/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/11/2025 3:30:59PM

FL28 4'

E507030-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2528012	
Benzene	ND	0.0250	1	07/07/25	07/10/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/10/25	
Toluene	ND	0.0250	1	07/07/25	07/10/25	
o-Xylene	ND	0.0250	1	07/07/25	07/10/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/10/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		107 %	70-130	07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2528012	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		93.2 %	70-130	07/07/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2528069	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/10/25	
<i>Surrogate: n-Nonane</i>						
		85.8 %	61-141	07/08/25	07/10/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: AK		Batch: 2528083	
Chloride	351	100	5	07/08/25	07/10/25	



QC Summary Data

Matador Resources, LLC.	Project Name:	Janie Conner 13 24S 28E RB #221H	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23052-0001	
Dallas TX, 75240	Project Manager:	Daniel Dominguez	7/11/2025 3:30:59PM

Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2528012-BLK1)

Prepared: 07/07/25 Analyzed: 07/09/25

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.89		8.00		98.7	70-130			

LCS (2528012-BS1)

Prepared: 07/07/25 Analyzed: 07/10/25

Benzene	5.48	0.0250	5.00		110	70-130			
Ethylbenzene	5.33	0.0250	5.00		107	70-130			
Toluene	5.43	0.0250	5.00		109	70-130			
o-Xylene	5.21	0.0250	5.00		104	70-130			
p,m-Xylene	10.7	0.0500	10.0		107	70-130			
Total Xylenes	15.9	0.0250	15.0		106	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.79		8.00		97.4	70-130			

Matrix Spike (2528012-MS1)

Source: E507030-13

Prepared: 07/07/25 Analyzed: 07/10/25

Benzene	5.47	0.0250	5.00	ND	109	70-130			
Ethylbenzene	5.32	0.0250	5.00	ND	106	70-130			
Toluene	5.42	0.0250	5.00	ND	108	70-130			
o-Xylene	5.22	0.0250	5.00	ND	104	70-130			
p,m-Xylene	10.7	0.0500	10.0	ND	107	70-130			
Total Xylenes	15.9	0.0250	15.0	ND	106	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.72		8.00		96.5	70-130			

Matrix Spike Dup (2528012-MSD1)

Source: E507030-13

Prepared: 07/07/25 Analyzed: 07/10/25

Benzene	5.55	0.0250	5.00	ND	111	70-130	1.43	27	
Ethylbenzene	5.39	0.0250	5.00	ND	108	70-130	1.37	26	
Toluene	5.49	0.0250	5.00	ND	110	70-130	1.30	20	
o-Xylene	5.29	0.0250	5.00	ND	106	70-130	1.25	25	
p,m-Xylene	10.8	0.0500	10.0	ND	108	70-130	1.17	23	
Total Xylenes	16.1	0.0250	15.0	ND	107	70-130	1.20	26	
Surrogate: 4-Bromochlorobenzene-PID	7.68		8.00		96.0	70-130			



QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Janie Conner 13 24S 28E RB #221H Project Number: 23052-0001 Project Manager: Daniel Dominguez	Reported: 7/11/2025 3:30:59PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2528012-BLK1)

Prepared: 07/07/25 Analyzed: 07/09/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.52		8.00		94.0	70-130			

LCS (2528012-BS2)

Prepared: 07/07/25 Analyzed: 07/10/25

Gasoline Range Organics (C6-C10)	45.4	20.0	50.0		90.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.75		8.00		96.9	70-130			

Matrix Spike (2528012-MS2)

Source: E507030-13

Prepared: 07/07/25 Analyzed: 07/10/25

Gasoline Range Organics (C6-C10)	46.0	20.0	50.0	ND	92.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.71		8.00		96.4	70-130			

Matrix Spike Dup (2528012-MSD2)

Source: E507030-13

Prepared: 07/07/25 Analyzed: 07/10/25

Gasoline Range Organics (C6-C10)	50.3	20.0	50.0	ND	101	70-130	9.02	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.75		8.00		96.9	70-130			



QC Summary Data

Matador Resources, LLC.	Project Name:	Janie Conner 13 24S 28E RB #221H	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23052-0001	
Dallas TX, 75240	Project Manager:	Daniel Dominguez	7/11/2025 3:30:59PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2528069-BLK1)					Prepared: 07/08/25 Analyzed: 07/09/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	43.7		50.0		87.5	61-141			

LCS (2528069-BS1)					Prepared: 07/08/25 Analyzed: 07/09/25				
Diesel Range Organics (C10-C28)	258	25.0	250		103	66-144			
Surrogate: n-Nonane	40.9		50.0		81.7	61-141			

Matrix Spike (2528069-MS1)					Source: E507030-13		Prepared: 07/08/25 Analyzed: 07/09/25		
Diesel Range Organics (C10-C28)	267	25.0	250	ND	107	56-156			
Surrogate: n-Nonane	38.1		50.0		76.2	61-141			

Matrix Spike Dup (2528069-MSD1)					Source: E507030-13		Prepared: 07/08/25 Analyzed: 07/09/25		
Diesel Range Organics (C10-C28)	265	25.0	250	ND	106	56-156	0.961	20	
Surrogate: n-Nonane	38.5		50.0		76.9	61-141			



QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Janie Conner 13 24S 28E RB #221H Project Number: 23052-0001 Project Manager: Daniel Dominguez	Reported: 7/11/2025 3:30:59PM
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Anions by EPA 300.0/9056A

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
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Blank (2528083-BLK1)					Prepared: 07/08/25 Analyzed: 07/10/25				
Chloride	ND	20.0							
LCS (2528083-BS1)					Prepared: 07/08/25 Analyzed: 07/10/25				
Chloride	255	20.0	250		102	90-110			
Matrix Spike (2528083-MS1)					Source: E507030-06		Prepared: 07/08/25 Analyzed: 07/10/25		
Chloride	440	40.0	250	204	94.4	80-120			
Matrix Spike Dup (2528083-MSD1)					Source: E507030-06		Prepared: 07/08/25 Analyzed: 07/10/25		
Chloride	441	40.0	250	204	94.8	80-120	0.251	20	

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



Definitions and Notes

Matador Resources, LLC.	Project Name:	Janie Conner 13 24S 28E RB #221H	
5400 LBJ Freeway, Suite 1500	Project Number:	23052-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	07/11/25 15:30

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



Client: Matador Resources Company		Bill To		Lab Use Only				TAT				EPA Program	
Project: Janie Conner 13 24S 28E RB #221H		Attention: Jason Touchet		Lab WO#		Job Number		1D	2D	3D	Standard	CWA	SDWA
Project Manager: Daniel Dominguez		Address: 5400 LBJ Freeway Ste 1500		E507030		23052-0001					X		
Address: 4024 Plains Hwy		City, State, Zip: Dallas		Analysis and Method								RCRA	
City, State, Zip: Lovington, NM 88260, NM, 88260		Phone: 3376523463											
Phone: 575 393-3386		Email: jason.touchet@matadorresources.com											
Email: pm@hungry-horse.com													
Report due by:													

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Depth	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	State	Remarks
1305	1-Jul	Soil	1	FL25	Surf	1							X			3.5
1310	1-Jul	Soil	1	FL25	1'	2							X			3.7
1315	1-Jul	Soil	1	FL25	2'	3							X			3.9
1320	1-Jul	Soil	1	FL25	3'	4							X			4.0
1325	1-Jul	Soil	1	FL25	4'	5							X			4.4
1330	1-Jul	Soil	1	FL26	Surf	6							X			3.6
1335	1-Jul	Soil	1	FL26	1'	7							X			3.8
1340	1-Jul	Soil	1	FL26	2'	8							X			4.0
1345	1-Jul	Soil	1	FL26	3'	9							X			4.2
1350	1-Jul	Soil	1	FL26	4'	10							X			4.1

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.						Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6°C on subsequent days.					
Relinquished by: (Signature) <i>[Signature]</i> Date 7/2/25 Time 1330						Received by: (Signature) <i>Michelle Gonzales</i> Date 7.2.25 Time 1330					
Relinquished by: (Signature) <i>Michelle Gonzales</i> Date 7.2.25 Time 1700						Received by: (Signature) <i>L.H.</i> Date 7.2.25 Time 1700					
Relinquished by: (Signature) <i>[Signature]</i> Date 7.2.25 Time 2400						Received by: (Signature) <i>Caitlin Mauer</i> Date 7.3.25 Time 900					
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other						Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA					

Note: Samples are discarded 30 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.

23052.0001 cm

Client: Matador Resources Company				Bill To				Lab Use Only				TAT				EPA Program					
Project: Janie Conner 13 24S 28E RB #221H				Attention: Jason Touchet				Lab WO#				Job Number				1D	2D	3D	Standard	CWA	SDWA
Project Manager: Daniel Dominguez				Address: 5400 LBJ Freeway Ste 1500				E5051030				2503							X		
Address: 4024 Plains Hwy				City, State, Zip: Dallas																	RCRA
City, State, Zip: Lovington, NM 88260, NM, 88260				Phone: 3376523463																	
Phone: 575 393-3386				Email: jason.touchet@matadorresources.com																	
Email: pm@hungry-horse.com																					
Report due by:																					

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Depth	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BDOC NM	BDOC TX	Remarks
1405	1-Jul	Soil	1	FL27	Surf	11							X		3.9
1410	1-Jul	Soil	1	FL27	1'	12							X		4.0
1415	1-Jul	Soil	1	FL27	2'	13							X		4.1
1420	1-Jul	Soil	1	FL27	3'	14							X		4.0
1425	1-Jul	Soil	1	FL27	4'	15							X		4.2
1430	1-Jul	Soil	1	FL28	Surf	16							X		4.4
1435	1-Jul	Soil	1	FL28	1'	17							X		4.6
1440	1-Jul	Soil	1	FL28	2'	18							X		3.8
1445	1-Jul	Soil	1	FL28	3'	19							X		4.6
1450	1-Jul	Soil	1	FL28	4'	20							X		4.4

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Relinquished by: (Signature)				Date	Time	Received by: (Signature)				Date	Time	Lab Use Only			
<i>[Signature]</i>				7/2/25	1330	<i>Michelle Gonzales</i>				7-2-25	1330	Received on ice: <input checked="" type="checkbox"/> Y / N			
Relinquished by: (Signature)				Date	Time	Received by: (Signature)				Date	Time	T1 T2 T3			
<i>Michelle Gonzales</i>				7-2-25	1700	<i>[Signature]</i>				7-2-25	1700				
Relinquished by: (Signature)				Date	Time	Received by: (Signature)				Date	Time	AVG Temp °C			
<i>[Signature]</i>				7-2-25	2400	<i>Caitlin Mann</i>				7-3-25	900				

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

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

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Envirotech Analytical Laboratory

Printed: 7/3/2025 2:34:02PM

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:	07/03/25 09:00	Work Order ID:	E507030
Phone:	(972) 371-5200	Date Logged In:	07/02/25 16:10	Logged In By:	Caitlin Mars
Email:	pm@hungry-horse.com	Due Date:	07/10/25 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

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

Carrier: CourierComments/Resolution

Project Janie Conner 13 24S 28E RB #221H has been separated into multiple reports due to sample volume. WOs are E507024 to E507032. Sampled by not provided on COC.

Sample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:

Daniel Dominguez



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Matador Resources, LLC.

Project Name: Janie Conner 13 24S 28E RB
#221H

Work Order: E507031

Job Number: 23052-0001

Received: 7/3/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/10/25

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 7/10/25

Daniel Dominguez
5400 LBJ Freeway, Suite 1500
Dallas, TX 75240



Project Name: Janie Conner 13 24S 28E RB #221H
Workorder: E507031
Date Received: 7/3/2025 9:00:00AM

Daniel Dominguez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/3/2025 9:00:00AM, under the Project Name: Janie Conner 13 24S 28E RB #221H.

The analytical test results summarized in this report with the Project Name: Janie Conner 13 24S 28E RB #221H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

Raina Schwanz
Laboratory Administrator
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Sample Summary

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
07/10/25 14:40

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FL29 Surf	E507031-01A	Soil	07/02/25	07/03/25	Glass Jar, 2 oz.
FL29 1'	E507031-02A	Soil	07/02/25	07/03/25	Glass Jar, 2 oz.
FL29 2'	E507031-03A	Soil	07/02/25	07/03/25	Glass Jar, 2 oz.
FL29 3'	E507031-04A	Soil	07/02/25	07/03/25	Glass Jar, 2 oz.
FL29 4'	E507031-05A	Soil	07/02/25	07/03/25	Glass Jar, 2 oz.
FL30 Surf	E507031-06A	Soil	07/02/25	07/03/25	Glass Jar, 2 oz.
FL30 1'	E507031-07A	Soil	07/02/25	07/03/25	Glass Jar, 2 oz.
FL30 2'	E507031-08A	Soil	07/02/25	07/03/25	Glass Jar, 2 oz.
FL30 3'	E507031-09A	Soil	07/02/25	07/03/25	Glass Jar, 2 oz.
FL30 4'	E507031-10A	Soil	07/02/25	07/03/25	Glass Jar, 2 oz.
FL31 Surf	E507031-11A	Soil	07/02/25	07/03/25	Glass Jar, 2 oz.
FL31 1'	E507031-12A	Soil	07/02/25	07/03/25	Glass Jar, 2 oz.
FL31 2'	E507031-13A	Soil	07/02/25	07/03/25	Glass Jar, 2 oz.
FL31 3'	E507031-14A	Soil	07/02/25	07/03/25	Glass Jar, 2 oz.
FL31 4'	E507031-15A	Soil	07/02/25	07/03/25	Glass Jar, 2 oz.
FL32 Surf	E507031-16A	Soil	07/02/25	07/03/25	Glass Jar, 2 oz.
FL32 1'	E507031-17A	Soil	07/02/25	07/03/25	Glass Jar, 2 oz.
FL32 2'	E507031-18A	Soil	07/02/25	07/03/25	Glass Jar, 2 oz.
FL32 3'	E507031-19A	Soil	07/02/25	07/03/25	Glass Jar, 2 oz.
FL32 4'	E507031-20A	Soil	07/02/25	07/03/25	Glass Jar, 2 oz.



Sample Data

Matador Resources, LLC.

5400 LBJ Freeway, Suite 1500

Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H

Project Number: 23052-0001

Project Manager: Daniel Dominguez

Reported:

7/10/2025 2:40:41PM

FL29 Surf

E507031-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2528047	
Benzene	ND	0.0250	1	07/08/25	07/10/25	
Ethylbenzene	ND	0.0250	1	07/08/25	07/10/25	
Toluene	ND	0.0250	1	07/08/25	07/10/25	
o-Xylene	ND	0.0250	1	07/08/25	07/10/25	
p,m-Xylene	ND	0.0500	1	07/08/25	07/10/25	
Total Xylenes	ND	0.0250	1	07/08/25	07/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	93.9 %	70-130		07/08/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2528047	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/08/25	07/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	86.6 %	70-130		07/08/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2528070	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>	74.4 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2528084	
Chloride	112	40.0	2	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 2:40:41PM

FL29 1'

E507031-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2528047	
Benzene	ND	0.0250	1	07/08/25	07/10/25	
Ethylbenzene	ND	0.0250	1	07/08/25	07/10/25	
Toluene	ND	0.0250	1	07/08/25	07/10/25	
o-Xylene	ND	0.0250	1	07/08/25	07/10/25	
p,m-Xylene	ND	0.0500	1	07/08/25	07/10/25	
Total Xylenes	ND	0.0250	1	07/08/25	07/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		93.1 %	70-130	07/08/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2528047	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/08/25	07/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		84.7 %	70-130	07/08/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2528070	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>		81.6 %	61-141	07/08/25	07/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2528084	
Chloride	163	40.0	2	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 2:40:41PM

FL29 2'

E507031-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2528047	
Benzene	ND	0.0250	1	07/08/25	07/10/25	
Ethylbenzene	ND	0.0250	1	07/08/25	07/10/25	
Toluene	ND	0.0250	1	07/08/25	07/10/25	
o-Xylene	ND	0.0250	1	07/08/25	07/10/25	
p,m-Xylene	ND	0.0500	1	07/08/25	07/10/25	
Total Xylenes	ND	0.0250	1	07/08/25	07/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	94.7 %	70-130		07/08/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2528047	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/08/25	07/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	85.4 %	70-130		07/08/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2528070	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>	86.1 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2528084	
Chloride	325	100	5	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 2:40:41PM

FL29 3'

E507031-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2528047	
Benzene	ND	0.0250	1	07/08/25	07/10/25	
Ethylbenzene	ND	0.0250	1	07/08/25	07/10/25	
Toluene	ND	0.0250	1	07/08/25	07/10/25	
o-Xylene	ND	0.0250	1	07/08/25	07/10/25	
p,m-Xylene	ND	0.0500	1	07/08/25	07/10/25	
Total Xylenes	ND	0.0250	1	07/08/25	07/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	93.1 %	70-130		07/08/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2528047	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/08/25	07/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	85.8 %	70-130		07/08/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2528070	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>	83.6 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2528084	
Chloride	139	100	5	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 2:40:41PM

FL29 4'

E507031-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2528047	
Benzene	ND	0.0250	1	07/08/25	07/10/25	
Ethylbenzene	ND	0.0250	1	07/08/25	07/10/25	
Toluene	ND	0.0250	1	07/08/25	07/10/25	
o-Xylene	ND	0.0250	1	07/08/25	07/10/25	
p,m-Xylene	ND	0.0500	1	07/08/25	07/10/25	
Total Xylenes	ND	0.0250	1	07/08/25	07/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	92.3 %	70-130		07/08/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2528047	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/08/25	07/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	82.5 %	70-130		07/08/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2528070	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>	80.7 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2528084	
Chloride	312	100	5	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 2:40:41PM

FL30 Surf

E507031-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2528047	
Benzene	ND	0.0250	1	07/08/25	07/10/25	
Ethylbenzene	ND	0.0250	1	07/08/25	07/10/25	
Toluene	ND	0.0250	1	07/08/25	07/10/25	
o-Xylene	ND	0.0250	1	07/08/25	07/10/25	
p,m-Xylene	ND	0.0500	1	07/08/25	07/10/25	
Total Xylenes	ND	0.0250	1	07/08/25	07/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.7 %	70-130		07/08/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2528047	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/08/25	07/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	85.3 %	70-130		07/08/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2528070	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>						
	86.0 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2528084	
Chloride	209	40.0	2	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 2:40:41PM

FL30 1'

E507031-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2528047	
Benzene	ND	0.0250	1	07/08/25	07/09/25	
Ethylbenzene	ND	0.0250	1	07/08/25	07/09/25	
Toluene	ND	0.0250	1	07/08/25	07/09/25	
o-Xylene	ND	0.0250	1	07/08/25	07/09/25	
p,m-Xylene	ND	0.0500	1	07/08/25	07/09/25	
Total Xylenes	ND	0.0250	1	07/08/25	07/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	93.5 %	70-130		07/08/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2528047	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/08/25	07/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	85.8 %	70-130		07/08/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2528070	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>	85.7 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2528084	
Chloride	191	40.0	2	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 2:40:41PM

FL30 2'

E507031-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2528047	
Benzene	ND	0.0250	1	07/08/25	07/10/25	
Ethylbenzene	ND	0.0250	1	07/08/25	07/10/25	
Toluene	ND	0.0250	1	07/08/25	07/10/25	
o-Xylene	ND	0.0250	1	07/08/25	07/10/25	
p,m-Xylene	ND	0.0500	1	07/08/25	07/10/25	
Total Xylenes	ND	0.0250	1	07/08/25	07/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.8 %	70-130		07/08/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2528047	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/08/25	07/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	87.2 %	70-130		07/08/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2528070	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>						
	84.6 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2528084	
Chloride	304	100	5	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 2:40:41PM

FL30 3'

E507031-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2528047	
Benzene	ND	0.0250	1	07/08/25	07/10/25	
Ethylbenzene	ND	0.0250	1	07/08/25	07/10/25	
Toluene	ND	0.0250	1	07/08/25	07/10/25	
o-Xylene	ND	0.0250	1	07/08/25	07/10/25	
p,m-Xylene	ND	0.0500	1	07/08/25	07/10/25	
Total Xylenes	ND	0.0250	1	07/08/25	07/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.3 %	70-130		07/08/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2528047	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/08/25	07/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	85.3 %	70-130		07/08/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2528070	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>						
	79.3 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2528084	
Chloride	322	100	5	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 2:40:41PM

FL30 4'

E507031-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2528047	
Benzene	ND	0.0250	1	07/08/25	07/10/25	
Ethylbenzene	ND	0.0250	1	07/08/25	07/10/25	
Toluene	ND	0.0250	1	07/08/25	07/10/25	
o-Xylene	ND	0.0250	1	07/08/25	07/10/25	
p,m-Xylene	ND	0.0500	1	07/08/25	07/10/25	
Total Xylenes	ND	0.0250	1	07/08/25	07/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	91.2 %	70-130		07/08/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2528047	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/08/25	07/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	86.7 %	70-130		07/08/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2528070	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>	82.1 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2528084	
Chloride	272	100	5	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 2:40:41PM

FL31 Surf

E507031-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2528047	
Benzene	ND	0.0250	1	07/08/25	07/10/25	
Ethylbenzene	ND	0.0250	1	07/08/25	07/10/25	
Toluene	ND	0.0250	1	07/08/25	07/10/25	
o-Xylene	ND	0.0250	1	07/08/25	07/10/25	
p,m-Xylene	ND	0.0500	1	07/08/25	07/10/25	
Total Xylenes	ND	0.0250	1	07/08/25	07/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.1 %	70-130		07/08/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2528047	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/08/25	07/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	87.6 %	70-130		07/08/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2528070	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>						
	82.1 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2528084	
Chloride	260	40.0	2	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 2:40:41PM

FL31 1'

E507031-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2528047	
Benzene	ND	0.0250	1	07/08/25	07/10/25	
Ethylbenzene	ND	0.0250	1	07/08/25	07/10/25	
Toluene	ND	0.0250	1	07/08/25	07/10/25	
o-Xylene	ND	0.0250	1	07/08/25	07/10/25	
p,m-Xylene	ND	0.0500	1	07/08/25	07/10/25	
Total Xylenes	ND	0.0250	1	07/08/25	07/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.6 %	70-130		07/08/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2528047	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/08/25	07/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	85.5 %	70-130		07/08/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2528070	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>						
	84.7 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2528084	
Chloride	195	40.0	2	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 2:40:41PM

FL31 2'

E507031-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2528047	
Benzene	ND	0.0250	1	07/08/25	07/10/25	
Ethylbenzene	ND	0.0250	1	07/08/25	07/10/25	
Toluene	ND	0.0250	1	07/08/25	07/10/25	
o-Xylene	ND	0.0250	1	07/08/25	07/10/25	
p,m-Xylene	ND	0.0500	1	07/08/25	07/10/25	
Total Xylenes	ND	0.0250	1	07/08/25	07/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	92.9 %	70-130		07/08/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2528047	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/08/25	07/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	87.8 %	70-130		07/08/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2528070	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>	81.1 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2528084	
Chloride	333	100	5	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 2:40:41PM

FL31 3'

E507031-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2528047	
Benzene	ND	0.0250	1	07/08/25	07/10/25	
Ethylbenzene	ND	0.0250	1	07/08/25	07/10/25	
Toluene	ND	0.0250	1	07/08/25	07/10/25	
o-Xylene	ND	0.0250	1	07/08/25	07/10/25	
p,m-Xylene	ND	0.0500	1	07/08/25	07/10/25	
Total Xylenes	ND	0.0250	1	07/08/25	07/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	89.7 %	70-130		07/08/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2528047	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/08/25	07/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	86.0 %	70-130		07/08/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2528070	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>						
	83.2 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2528084	
Chloride	315	100	5	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 2:40:41PM

FL31 4'

E507031-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2528047	
Benzene	ND	0.0250	1	07/08/25	07/10/25	
Ethylbenzene	ND	0.0250	1	07/08/25	07/10/25	
Toluene	ND	0.0250	1	07/08/25	07/10/25	
o-Xylene	ND	0.0250	1	07/08/25	07/10/25	
p,m-Xylene	ND	0.0500	1	07/08/25	07/10/25	
Total Xylenes	ND	0.0250	1	07/08/25	07/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	90.2 %	70-130		07/08/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2528047	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/08/25	07/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	86.7 %	70-130		07/08/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2528070	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>	84.1 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2528084	
Chloride	341	100	5	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 2:40:41PM

FL32 Surf

E507031-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2528047	
Benzene	ND	0.0250	1	07/08/25	07/10/25	
Ethylbenzene	ND	0.0250	1	07/08/25	07/10/25	
Toluene	ND	0.0250	1	07/08/25	07/10/25	
o-Xylene	ND	0.0250	1	07/08/25	07/10/25	
p,m-Xylene	ND	0.0500	1	07/08/25	07/10/25	
Total Xylenes	ND	0.0250	1	07/08/25	07/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	92.4 %	70-130		07/08/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2528047	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/08/25	07/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	87.7 %	70-130		07/08/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2528070	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/10/25	
<i>Surrogate: n-Nonane</i>	84.6 %	61-141		07/08/25	07/10/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2528084	
Chloride	233	40.0	2	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 2:40:41PM

FL32 1'

E507031-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2528047	
Benzene	ND	0.0250	1	07/08/25	07/10/25	
Ethylbenzene	ND	0.0250	1	07/08/25	07/10/25	
Toluene	ND	0.0250	1	07/08/25	07/10/25	
o-Xylene	ND	0.0250	1	07/08/25	07/10/25	
p,m-Xylene	ND	0.0500	1	07/08/25	07/10/25	
Total Xylenes	ND	0.0250	1	07/08/25	07/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	93.2 %	70-130		07/08/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2528047	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/08/25	07/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	86.4 %	70-130		07/08/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2528070	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/10/25	
<i>Surrogate: n-Nonane</i>	76.3 %	61-141		07/08/25	07/10/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2528084	
Chloride	164	40.0	2	07/08/25	07/10/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 2:40:41PM

FL32 2'

E507031-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2528047	
Benzene	ND	0.0250	1	07/08/25	07/10/25	
Ethylbenzene	ND	0.0250	1	07/08/25	07/10/25	
Toluene	ND	0.0250	1	07/08/25	07/10/25	
o-Xylene	ND	0.0250	1	07/08/25	07/10/25	
p,m-Xylene	ND	0.0500	1	07/08/25	07/10/25	
Total Xylenes	ND	0.0250	1	07/08/25	07/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	94.0 %	70-130		07/08/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2528047	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/08/25	07/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	87.2 %	70-130		07/08/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2528070	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/10/25	
<i>Surrogate: n-Nonane</i>	85.7 %	61-141		07/08/25	07/10/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2528084	
Chloride	347	100	5	07/08/25	07/10/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 2:40:41PM

FL32 3'

E507031-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2528047	
Benzene	ND	0.0250	1	07/08/25	07/10/25	
Ethylbenzene	ND	0.0250	1	07/08/25	07/10/25	
Toluene	ND	0.0250	1	07/08/25	07/10/25	
o-Xylene	ND	0.0250	1	07/08/25	07/10/25	
p,m-Xylene	ND	0.0500	1	07/08/25	07/10/25	
Total Xylenes	ND	0.0250	1	07/08/25	07/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	93.2 %	70-130		07/08/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2528047	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/08/25	07/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	85.6 %	70-130		07/08/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2528070	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/10/25	
<i>Surrogate: n-Nonane</i>	79.9 %	61-141		07/08/25	07/10/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2528084	
Chloride	305	100	5	07/08/25	07/10/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 2:40:41PM

FL32 4'

E507031-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2528047	
Benzene	ND	0.0250	1	07/08/25	07/10/25	
Ethylbenzene	ND	0.0250	1	07/08/25	07/10/25	
Toluene	ND	0.0250	1	07/08/25	07/10/25	
o-Xylene	ND	0.0250	1	07/08/25	07/10/25	
p,m-Xylene	ND	0.0500	1	07/08/25	07/10/25	
Total Xylenes	ND	0.0250	1	07/08/25	07/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	94.0 %	70-130		07/08/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2528047	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/08/25	07/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	86.0 %	70-130		07/08/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2528070	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/10/25	
<i>Surrogate: n-Nonane</i>	78.0 %	61-141		07/08/25	07/10/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2528084	
Chloride	324	100	5	07/08/25	07/10/25	



QC Summary Data

Matador Resources, LLC.	Project Name:	Janie Conner 13 24S 28E RB #221H	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23052-0001	
Dallas TX, 75240	Project Manager:	Daniel Dominguez	7/10/2025 2:40:41PM

Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2528047-BLK1) Prepared: 07/08/25 Analyzed: 07/09/25

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.45		8.00		93.2	70-130			

LCS (2528047-BS1) Prepared: 07/08/25 Analyzed: 07/09/25

Benzene	4.64	0.0250	5.00		92.7	70-130			
Ethylbenzene	4.55	0.0250	5.00		90.9	70-130			
Toluene	4.60	0.0250	5.00		92.0	70-130			
o-Xylene	4.59	0.0250	5.00		91.7	70-130			
p,m-Xylene	9.14	0.0500	10.0		91.4	70-130			
Total Xylenes	13.7	0.0250	15.0		91.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.66		8.00		95.7	70-130			

Matrix Spike (2528047-MS1) Source: E507031-07 Prepared: 07/08/25 Analyzed: 07/09/25

Benzene	5.02	0.0250	5.00	ND	100	70-130			
Ethylbenzene	4.89	0.0250	5.00	ND	97.7	70-130			
Toluene	4.98	0.0250	5.00	ND	99.6	70-130			
o-Xylene	4.93	0.0250	5.00	ND	98.6	70-130			
p,m-Xylene	9.84	0.0500	10.0	ND	98.4	70-130			
Total Xylenes	14.8	0.0250	15.0	ND	98.4	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.33		8.00		91.6	70-130			

Matrix Spike Dup (2528047-MSD1) Source: E507031-07 Prepared: 07/08/25 Analyzed: 07/10/25

Benzene	5.40	0.0250	5.00	ND	108	70-130	7.17	27	
Ethylbenzene	5.27	0.0250	5.00	ND	105	70-130	7.59	26	
Toluene	5.35	0.0250	5.00	ND	107	70-130	7.17	20	
o-Xylene	5.33	0.0250	5.00	ND	107	70-130	7.75	25	
p,m-Xylene	10.6	0.0500	10.0	ND	106	70-130	7.21	23	
Total Xylenes	15.9	0.0250	15.0	ND	106	70-130	7.39	26	
Surrogate: 4-Bromochlorobenzene-PID	7.53		8.00		94.1	70-130			



QC Summary Data

Matador Resources, LLC.	Project Name:	Janie Conner 13 24S 28E RB #221H	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23052-0001	
Dallas TX, 75240	Project Manager:	Daniel Dominguez	7/10/2025 2:40:41PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2528047-BLK1) Prepared: 07/08/25 Analyzed: 07/09/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.89		8.00		86.1	70-130			

LCS (2528047-BS2) Prepared: 07/08/25 Analyzed: 07/09/25

Gasoline Range Organics (C6-C10)	44.0	20.0	50.0		88.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.96		8.00		87.0	70-130			

Matrix Spike (2528047-MS2) Source: E507031-07 Prepared: 07/08/25 Analyzed: 07/10/25

Gasoline Range Organics (C6-C10)	50.4	20.0	50.0	ND	101	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.90		8.00		86.3	70-130			

Matrix Spike Dup (2528047-MSD2) Source: E507031-07 Prepared: 07/08/25 Analyzed: 07/10/25

Gasoline Range Organics (C6-C10)	49.1	20.0	50.0	ND	98.2	70-130	2.59	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.76		8.00		84.5	70-130			



QC Summary Data

Matador Resources, LLC.	Project Name:	Janie Conner 13 24S 28E RB #221H	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23052-0001	
Dallas TX, 75240	Project Manager:	Daniel Dominguez	7/10/2025 2:40:41PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2528070-BLK1)					Prepared: 07/08/25 Analyzed: 07/09/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	42.9		50.0		85.8	61-141			

LCS (2528070-BS1)					Prepared: 07/08/25 Analyzed: 07/09/25				
Diesel Range Organics (C10-C28)	256	25.0	250		103	66-144			
Surrogate: n-Nonane	38.2		50.0		76.5	61-141			

Matrix Spike (2528070-MS1)					Source: E507031-17		Prepared: 07/08/25 Analyzed: 07/09/25		
Diesel Range Organics (C10-C28)	257	25.0	250	ND	103	56-156			
Surrogate: n-Nonane	31.9		50.0		63.9	61-141			

Matrix Spike Dup (2528070-MSD1)					Source: E507031-17		Prepared: 07/08/25 Analyzed: 07/09/25		
Diesel Range Organics (C10-C28)	255	25.0	250	ND	102	56-156	0.710	20	
Surrogate: n-Nonane	44.1		50.0		88.1	61-141			



QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Janie Conner 13 24S 28E RB #221H Project Number: 23052-0001 Project Manager: Daniel Dominguez	Reported: 7/10/2025 2:40:41PM
-----------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------	--------------------------------------

Anions by EPA 300.0/9056A

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
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Blank (2528084-BLK1)					Prepared: 07/08/25 Analyzed: 07/09/25				
Chloride	ND	20.0							
LCS (2528084-BS1)					Prepared: 07/08/25 Analyzed: 07/09/25				
Chloride	255	20.0	250		102	90-110			
Matrix Spike (2528084-MS1)					Source: E507031-05		Prepared: 07/08/25 Analyzed: 07/09/25		
Chloride	568	100	250	312	102	80-120			
Matrix Spike Dup (2528084-MSD1)					Source: E507031-05		Prepared: 07/08/25 Analyzed: 07/09/25		
Chloride	563	100	250	312	100	80-120	0.756	20	

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



Definitions and Notes

Matador Resources, LLC.	Project Name:	Janie Conner 13 24S 28E RB #221H	
5400 LBJ Freeway, Suite 1500	Project Number:	23052-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	07/10/25 14:40

- 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: Matador Resources Company		Bill To		Lab Use Only				TAT				EPA Program	
Project: Janie Conner 13 24S 28E RB #221H		Attention: Jason Touchet		Lab WO#		Job Number		1D	2D	3D	Standard	CWA	SDWA
Project Manager: Daniel Dominguez		Address: 5400 LBJ Freeway Ste 1500		E507031		23050-0001					X		
Address: 4024 Plains Hwy		City, State, Zip: Dallas		Analysis and Method									
City, State, Zip: Lovington, NM 88260, NM, 88260		Phone: 3376523463											
Phone: 575 393-3386		Email: jason.touchet@matadorresources.com											
Email: pm@hungry-horse.com													
Report due by:													

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Depth	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BDOC NM	BDOC TX	Remarks
805	2-Jul	Soil	1	FL29	Surf	1							X		4.4
810	2-Jul	Soil	1	FL29	1'	2							X		4.6
815	2-Jul	Soil	1	FL29	2'	3							X		4.0
820	2-Jul	Soil	1	FL29	3'	4							X		4.2
825	2-Jul	Soil	1	FL29	4'	5							X		3.9
830	2-Jul	Soil	1	FL30	Surf	6							X		3.4
835	2-Jul	Soil	1	FL30	1'	7							X		4.1
840	2-Jul	Soil	1	FL30	2'	8							X		3.7
845	2-Jul	Soil	1	FL30	3'	9							X		3.6
850	2-Jul	Soil	1	FL30	4'	10							X		3.4

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Sampled by: _____

Relinquished by: (Signature) _____ Date 7/2/25 Time 1330

Received by: (Signature) Michelle Gonzales Date 7.2.25 Time 1330

Relinquished by: (Signature) Michelle Gonzales Date 7.2.25 Time 1700

Received by: (Signature) J.H. Date 7.2.25 Time 1700

Relinquished by: (Signature) J.H. Date 7.2.25 Time 2400

Received by: (Signature) Caitlin Mann Date 7.3.25 Time 900

Lab Use Only

Received on ice: ☒ Y / ☐ N

T1 _____ T2 _____ T3 _____

AVG Temp °C _____

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

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

Note: Samples are discarded 30 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.

Client: Matador Resources Company				Bill To Attention: Jason Touchet Address: 5400 LBJ Freeway Ste 1500 City, State, Zip: Dallas Phone: 3376523463 Email: jason.touchet@matadorresources.com				Lab Use Only						TAT				EPA Program			
Project: Janie Conner 13 24S 28E RB #221H								Lab WO# E507031		Job Number 23052-0001		1D	2D	3D	Standard X		CWA	SDWA			
Project Manager: Daniel Dominguez																				RCRA	
Address: 4024 Plains Hwy																					
City, State, Zip: Lovington, NM 88260, NM, 88260																					
Phone: 575 393-3386																State					
Email: pm@hungry-horse.com																NM	CO	UT	AZ	TX	
Report due by:																X					
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Depth	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC NM	BGDOC TX	Remarks					
905	2-Jul	Soil	1	FL31	Surf	11								X			4.0				
910	2-Jul	Soil	1	FL31	1'	12								X			4.2				
915	2-Jul	Soil	1	FL31	2'	13								X			4.3				
920	2-Jul	Soil	1	FL31	3'	14								X			4.6				
925	2-Jul	Soil	1	FL31	4'	15								X			3.8				
930	2-Jul	Soil	1	FL32	Surf	16								X			3.6				
935	2-Jul	Soil	1	FL32	1'	17								X			3.4				
940	2-Jul	Soil	1	FL32	2'	18								X			3.6				
945	2-Jul	Soil	1	FL32	3'	19								X			4.1				
950	2-Jul	Soil	1	FL32	4'	20								X			4.2				
Additional Instructions: I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																					
Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 5°C on subsequent days.																					
Relinquished by: (Signature)				Date		Time		Received by: (Signature)				Date		Time		Lab Use Only					
[Signature]				7/2/25		1330		Michelle Gonzales				7.2.25		1330		Received on ice: Y/ N					
Relinquished by: (Signature)				Date		Time		Received by: (Signature)				Date		Time		T1 T2 T3					
Michelle Gonzales				7.2.25		1700		[Signature]				7.2.25		1700							
Relinquished by: (Signature)				Date		Time		Received by: (Signature)				Date		Time		AVG Temp °C					
[Signature]				7.2.25		2400		Caitlin Mann				7.3.25		900							
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____																					
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																					
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																					

Envirotech Analytical Laboratory

Printed: 7/3/2025 2:35:14PM

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:	07/03/25 09:00	Work Order ID:	E507031
Phone:	(972) 371-5200	Date Logged In:	07/02/25 16:12	Logged In By:	Caitlin Mars
Email:	pm@hungry-horse.com	Due Date:	07/10/25 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

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

Carrier: CourierSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client InstructionComments/Resolution

Project Janie Conner 13 24S 28E RB #221H has been separated into multiple reports due to sample volume. WOs are E507024 to E507032. Sampled by not provided on COC.

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

Date



envirotech Inc.

Report to:

Daniel Dominguez



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Matador Resources, LLC.

Project Name: Janie Conner 13 24S 28E RB
#221H

Work Order: E507032

Job Number: 23052-0001

Received: 7/3/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/10/25

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 7/10/25



Daniel Dominguez
5400 LBJ Freeway, Suite 1500
Dallas, TX 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Workorder: E507032
Date Received: 7/3/2025 9:00:00AM

Daniel Dominguez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/3/2025 9:00:00AM, under the Project Name: Janie Conner 13 24S 28E RB #221H.

The analytical test results summarized in this report with the Project Name: Janie Conner 13 24S 28E RB #221H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

Raina Schwanz
Laboratory Administrator
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Sample Summary

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Janie Conner 13 24S 28E RB #221H Project Number: 23052-0001 Project Manager: Daniel Dominguez	Reported: 07/10/25 14:32
-----------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------	-----------------------------

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FL33 Surf	E507032-01A	Soil	07/02/25	07/03/25	Glass Jar, 2 oz.
FL33 1'	E507032-02A	Soil	07/02/25	07/03/25	Glass Jar, 2 oz.
FL33 2'	E507032-03A	Soil	07/02/25	07/03/25	Glass Jar, 2 oz.
FL33 3'	E507032-04A	Soil	07/02/25	07/03/25	Glass Jar, 2 oz.
FL33 4'	E507032-05A	Soil	07/02/25	07/03/25	Glass Jar, 2 oz.
BH3 Surf	E507032-06A	Soil	07/02/25	07/03/25	Glass Jar, 2 oz.
BH3 1'	E507032-07A	Soil	07/02/25	07/03/25	Glass Jar, 2 oz.
BH3 2'	E507032-08A	Soil	07/02/25	07/03/25	Glass Jar, 2 oz.
BH3 3'	E507032-09A	Soil	07/02/25	07/03/25	Glass Jar, 2 oz.
BH3 4'	E507032-10A	Soil	07/02/25	07/03/25	Glass Jar, 2 oz.
BH3 5'	E507032-11A	Soil	07/02/25	07/03/25	Glass Jar, 2 oz.
BH3 6'	E507032-12A	Soil	07/02/25	07/03/25	Glass Jar, 2 oz.
BH3 7'	E507032-13A	Soil	07/02/25	07/03/25	Glass Jar, 2 oz.
BH3 8'	E507032-14A	Soil	07/02/25	07/03/25	Glass Jar, 2 oz.
BH3 9'	E507032-15A	Soil	07/02/25	07/03/25	Glass Jar, 2 oz.
BH3 10'	E507032-16A	Soil	07/02/25	07/03/25	Glass Jar, 2 oz.



Sample Data

Matador Resources, LLC.

5400 LBJ Freeway, Suite 1500

Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H

Project Number: 23052-0001

Project Manager: Daniel Dominguez

Reported:

7/10/2025 2:32:55PM

FL33 Surf

E507032-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2528048	
Benzene	ND	0.0250	1	07/08/25	07/09/25	
Ethylbenzene	ND	0.0250	1	07/08/25	07/09/25	
Toluene	ND	0.0250	1	07/08/25	07/09/25	
o-Xylene	ND	0.0250	1	07/08/25	07/09/25	
p,m-Xylene	ND	0.0500	1	07/08/25	07/09/25	
Total Xylenes	ND	0.0250	1	07/08/25	07/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		81.1 %	70-130	07/08/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2528048	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/08/25	07/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.1 %	70-130	07/08/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2528071	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>		105 %	61-141	07/08/25	07/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK		Batch: 2528085	
Chloride	194	40.0	2	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 2:32:55PM

FL33 1'

E507032-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2528048
Benzene	ND	0.0250	1	07/08/25	07/09/25	
Ethylbenzene	ND	0.0250	1	07/08/25	07/09/25	
Toluene	ND	0.0250	1	07/08/25	07/09/25	
o-Xylene	ND	0.0250	1	07/08/25	07/09/25	
p,m-Xylene	ND	0.0500	1	07/08/25	07/09/25	
Total Xylenes	ND	0.0250	1	07/08/25	07/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	81.0 %	70-130		07/08/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2528048
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/08/25	07/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.9 %	70-130		07/08/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2528071
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>						
	103 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: AK		Batch: 2528085
Chloride	158	40.0	2	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 2:32:55PM

FL33 2'

E507032-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2528048	
Benzene	ND	0.0250	1	07/08/25	07/09/25	
Ethylbenzene	ND	0.0250	1	07/08/25	07/09/25	
Toluene	ND	0.0250	1	07/08/25	07/09/25	
o-Xylene	ND	0.0250	1	07/08/25	07/09/25	
p,m-Xylene	ND	0.0500	1	07/08/25	07/09/25	
Total Xylenes	ND	0.0250	1	07/08/25	07/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	82.7 %	70-130		07/08/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2528048	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/08/25	07/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	94.6 %	70-130		07/08/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2528071	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>	102 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK		Batch: 2528085	
Chloride	310	100	5	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 2:32:55PM

FL33 3'

E507032-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2528048	
Benzene	ND	0.0250	1	07/08/25	07/09/25	
Ethylbenzene	ND	0.0250	1	07/08/25	07/09/25	
Toluene	ND	0.0250	1	07/08/25	07/09/25	
o-Xylene	ND	0.0250	1	07/08/25	07/09/25	
p,m-Xylene	ND	0.0500	1	07/08/25	07/09/25	
Total Xylenes	ND	0.0250	1	07/08/25	07/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	82.9 %	70-130		07/08/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2528048	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/08/25	07/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	93.8 %	70-130		07/08/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2528071	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>	107 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK		Batch: 2528085	
Chloride	292	100	5	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 2:32:55PM

FL33 4'

E507032-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2528048	
Benzene	ND	0.0250	1	07/08/25	07/09/25	
Ethylbenzene	ND	0.0250	1	07/08/25	07/09/25	
Toluene	ND	0.0250	1	07/08/25	07/09/25	
o-Xylene	ND	0.0250	1	07/08/25	07/09/25	
p,m-Xylene	ND	0.0500	1	07/08/25	07/09/25	
Total Xylenes	ND	0.0250	1	07/08/25	07/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	85.2 %	70-130		07/08/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2528048	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/08/25	07/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.2 %	70-130		07/08/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2528071	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>						
	104 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: AK		Batch: 2528085	
Chloride	307	100	5	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 2:32:55PM

BH3 Surf

E507032-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2528048	
Benzene	ND	0.0250	1	07/08/25	07/09/25	
Ethylbenzene	ND	0.0250	1	07/08/25	07/09/25	
Toluene	ND	0.0250	1	07/08/25	07/09/25	
o-Xylene	ND	0.0250	1	07/08/25	07/09/25	
p,m-Xylene	ND	0.0500	1	07/08/25	07/09/25	
Total Xylenes	ND	0.0250	1	07/08/25	07/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	82.1 %	70-130		07/08/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2528048	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/08/25	07/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.6 %	70-130		07/08/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2528071	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/10/25	
<i>Surrogate: n-Nonane</i>						
	102 %	61-141		07/08/25	07/10/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: AK		Batch: 2528085	
Chloride	162	40.0	2	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 2:32:55PM

BH3 1'

E507032-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2528048	
Benzene	ND	0.0250	1	07/08/25	07/09/25	
Ethylbenzene	ND	0.0250	1	07/08/25	07/09/25	
Toluene	ND	0.0250	1	07/08/25	07/09/25	
o-Xylene	ND	0.0250	1	07/08/25	07/09/25	
p,m-Xylene	ND	0.0500	1	07/08/25	07/09/25	
Total Xylenes	ND	0.0250	1	07/08/25	07/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	87.9 %	70-130		07/08/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2528048	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/08/25	07/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.2 %	70-130		07/08/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2528071	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/10/25	
<i>Surrogate: n-Nonane</i>						
	105 %	61-141		07/08/25	07/10/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: AK		Batch: 2528085	
Chloride	171	40.0	2	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 2:32:55PM

BH3 2'

E507032-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2528048
Benzene	ND	0.0250	1	07/08/25	07/09/25	
Ethylbenzene	ND	0.0250	1	07/08/25	07/09/25	
Toluene	ND	0.0250	1	07/08/25	07/09/25	
o-Xylene	ND	0.0250	1	07/08/25	07/09/25	
p,m-Xylene	ND	0.0500	1	07/08/25	07/09/25	
Total Xylenes	ND	0.0250	1	07/08/25	07/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	84.4 %	70-130		07/08/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2528048
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/08/25	07/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.2 %	70-130		07/08/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2528071
Diesel Range Organics (C10-C28)	39.8	25.0	1	07/08/25	07/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/10/25	
<i>Surrogate: n-Nonane</i>						
	103 %	61-141		07/08/25	07/10/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: AK		Batch: 2528085
Chloride	297	100	5	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 2:32:55PM

BH3 3'

E507032-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2528048	
Benzene	ND	0.0250	1	07/08/25	07/09/25	
Ethylbenzene	ND	0.0250	1	07/08/25	07/09/25	
Toluene	ND	0.0250	1	07/08/25	07/09/25	
o-Xylene	ND	0.0250	1	07/08/25	07/09/25	
p,m-Xylene	ND	0.0500	1	07/08/25	07/09/25	
Total Xylenes	ND	0.0250	1	07/08/25	07/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	85.2 %	70-130		07/08/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2528048	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/08/25	07/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.3 %	70-130		07/08/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2528071	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/10/25	
<i>Surrogate: n-Nonane</i>						
	111 %	61-141		07/08/25	07/10/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: AK		Batch: 2528085	
Chloride	620	200	10	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 2:32:55PM

BH3 4'

E507032-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2528048	
Benzene	ND	0.0250	1	07/08/25	07/09/25	
Ethylbenzene	ND	0.0250	1	07/08/25	07/09/25	
Toluene	ND	0.0250	1	07/08/25	07/09/25	
o-Xylene	ND	0.0250	1	07/08/25	07/09/25	
p,m-Xylene	ND	0.0500	1	07/08/25	07/09/25	
Total Xylenes	ND	0.0250	1	07/08/25	07/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	88.1 %	70-130		07/08/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2528048	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/08/25	07/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.0 %	70-130		07/08/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2528071	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/10/25	
<i>Surrogate: n-Nonane</i>						
	105 %	61-141		07/08/25	07/10/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: AK		Batch: 2528085	
Chloride	714	200	10	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 2:32:55PM

BH3 5'

E507032-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2528048	
Benzene	ND	0.0250	1	07/08/25	07/09/25	
Ethylbenzene	ND	0.0250	1	07/08/25	07/09/25	
Toluene	ND	0.0250	1	07/08/25	07/09/25	
o-Xylene	ND	0.0250	1	07/08/25	07/09/25	
p,m-Xylene	ND	0.0500	1	07/08/25	07/09/25	
Total Xylenes	ND	0.0250	1	07/08/25	07/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	89.0 %	70-130		07/08/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2528048	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/08/25	07/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.9 %	70-130		07/08/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2528071	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/10/25	
<i>Surrogate: n-Nonane</i>						
	100 %	61-141		07/08/25	07/10/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: AK		Batch: 2528085	
Chloride	541	200	10	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 2:32:55PM

BH3 6'

E507032-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2528048
Benzene	ND	0.0250	1	07/08/25	07/09/25	
Ethylbenzene	ND	0.0250	1	07/08/25	07/09/25	
Toluene	ND	0.0250	1	07/08/25	07/09/25	
o-Xylene	ND	0.0250	1	07/08/25	07/09/25	
p,m-Xylene	ND	0.0500	1	07/08/25	07/09/25	
Total Xylenes	ND	0.0250	1	07/08/25	07/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	88.2 %	70-130		07/08/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2528048
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/08/25	07/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.0 %	70-130		07/08/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2528071
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/10/25	
<i>Surrogate: n-Nonane</i>						
	102 %	61-141		07/08/25	07/10/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: AK		Batch: 2528085
Chloride	192	40.0	2	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 2:32:55PM

BH3 7'

E507032-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2528048	
Benzene	ND	0.0250	1	07/08/25	07/09/25	
Ethylbenzene	ND	0.0250	1	07/08/25	07/09/25	
Toluene	ND	0.0250	1	07/08/25	07/09/25	
o-Xylene	ND	0.0250	1	07/08/25	07/09/25	
p,m-Xylene	ND	0.0500	1	07/08/25	07/09/25	
Total Xylenes	ND	0.0250	1	07/08/25	07/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	87.7 %	70-130		07/08/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2528048	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/08/25	07/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.7 %	70-130		07/08/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2528071	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/10/25	
<i>Surrogate: n-Nonane</i>						
	108 %	61-141		07/08/25	07/10/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: AK		Batch: 2528085	
Chloride	210	40.0	2	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 2:32:55PM

BH3 8'

E507032-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2528048	
Benzene	ND	0.0250	1	07/08/25	07/09/25	
Ethylbenzene	ND	0.0250	1	07/08/25	07/09/25	
Toluene	ND	0.0250	1	07/08/25	07/09/25	
o-Xylene	ND	0.0250	1	07/08/25	07/09/25	
p,m-Xylene	ND	0.0500	1	07/08/25	07/09/25	
Total Xylenes	ND	0.0250	1	07/08/25	07/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	88.0 %	70-130		07/08/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2528048	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/08/25	07/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.9 %	70-130		07/08/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2528071	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/10/25	
<i>Surrogate: n-Nonane</i>						
	111 %	61-141		07/08/25	07/10/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: AK		Batch: 2528085	
Chloride	161	40.0	2	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 2:32:55PM

BH3 9'

E507032-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2528048
Benzene	ND	0.0250	1	07/08/25	07/09/25	
Ethylbenzene	ND	0.0250	1	07/08/25	07/09/25	
Toluene	ND	0.0250	1	07/08/25	07/09/25	
o-Xylene	ND	0.0250	1	07/08/25	07/09/25	
p,m-Xylene	ND	0.0500	1	07/08/25	07/09/25	
Total Xylenes	ND	0.0250	1	07/08/25	07/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	86.0 %	70-130		07/08/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2528048
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/08/25	07/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.7 %	70-130		07/08/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2528071
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/10/25	
<i>Surrogate: n-Nonane</i>						
	111 %	61-141		07/08/25	07/10/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: AK		Batch: 2528085
Chloride	177	40.0	2	07/08/25	07/09/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
7/10/2025 2:32:55PM

BH3 10'

E507032-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2528048	
Benzene	ND	0.0250	1	07/08/25	07/09/25	
Ethylbenzene	ND	0.0250	1	07/08/25	07/09/25	
Toluene	ND	0.0250	1	07/08/25	07/09/25	
o-Xylene	ND	0.0250	1	07/08/25	07/09/25	
p,m-Xylene	ND	0.0500	1	07/08/25	07/09/25	
Total Xylenes	ND	0.0250	1	07/08/25	07/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	86.0 %	70-130		07/08/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2528048	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/08/25	07/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.7 %	70-130		07/08/25	07/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2528071	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/10/25	
<i>Surrogate: n-Nonane</i>						
	103 %	61-141		07/08/25	07/10/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: AK		Batch: 2528085	
Chloride	162	40.0	2	07/08/25	07/09/25	



QC Summary Data

Matador Resources, LLC.	Project Name:	Janie Conner 13 24S 28E RB #221H	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23052-0001	
Dallas TX, 75240	Project Manager:	Daniel Dominguez	7/10/2025 2:32:55PM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2528048-BLK1)

Prepared: 07/08/25 Analyzed: 07/08/25

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	6.77		8.00		84.6	70-130			

LCS (2528048-BS1)

Prepared: 07/08/25 Analyzed: 07/08/25

Benzene	5.24	0.0250	5.00		105	70-130			
Ethylbenzene	5.12	0.0250	5.00		102	70-130			
Toluene	5.19	0.0250	5.00		104	70-130			
o-Xylene	5.03	0.0250	5.00		101	70-130			
p,m-Xylene	10.3	0.0500	10.0		103	70-130			
Total Xylenes	15.3	0.0250	15.0		102	70-130			
Surrogate: 4-Bromochlorobenzene-PID	6.71		8.00		83.9	70-130			

Matrix Spike (2528048-MS1)

Source: E507032-06

Prepared: 07/08/25 Analyzed: 07/09/25

Benzene	5.36	0.0250	5.00	ND	107	70-130			
Ethylbenzene	5.24	0.0250	5.00	ND	105	70-130			
Toluene	5.33	0.0250	5.00	ND	107	70-130			
o-Xylene	5.15	0.0250	5.00	ND	103	70-130			
p,m-Xylene	10.6	0.0500	10.0	ND	106	70-130			
Total Xylenes	15.7	0.0250	15.0	ND	105	70-130			
Surrogate: 4-Bromochlorobenzene-PID	6.60		8.00		82.5	70-130			

Matrix Spike Dup (2528048-MSD1)

Source: E507032-06

Prepared: 07/08/25 Analyzed: 07/09/25

Benzene	5.24	0.0250	5.00	ND	105	70-130	2.29	27	
Ethylbenzene	5.13	0.0250	5.00	ND	103	70-130	2.05	26	
Toluene	5.20	0.0250	5.00	ND	104	70-130	2.37	20	
o-Xylene	5.04	0.0250	5.00	ND	101	70-130	2.14	25	
p,m-Xylene	10.3	0.0500	10.0	ND	103	70-130	2.04	23	
Total Xylenes	15.4	0.0250	15.0	ND	103	70-130	2.07	26	
Surrogate: 4-Bromochlorobenzene-PID	6.54		8.00		81.8	70-130			



QC Summary Data

Matador Resources, LLC.	Project Name:	Janie Conner 13 24S 28E RB #221H	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23052-0001	
Dallas TX, 75240	Project Manager:	Daniel Dominguez	7/10/2025 2:32:55PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2528048-BLK1) Prepared: 07/08/25 Analyzed: 07/08/25

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

LCS (2528048-BS2) Prepared: 07/08/25 Analyzed: 07/08/25

Gasoline Range Organics (C6-C10)	43.0	20.0	50.0		85.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.63		8.00		95.4	70-130			

Matrix Spike (2528048-MS2) Source: E507032-06 Prepared: 07/08/25 Analyzed: 07/09/25

Gasoline Range Organics (C6-C10)	40.7	20.0	50.0	ND	81.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.73		8.00		96.6	70-130			

Matrix Spike Dup (2528048-MSD2) Source: E507032-06 Prepared: 07/08/25 Analyzed: 07/09/25

Gasoline Range Organics (C6-C10)	43.9	20.0	50.0	ND	87.7	70-130	7.47	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.66		8.00		95.7	70-130			



QC Summary Data

Matador Resources, LLC.	Project Name:	Janie Conner 13 24S 28E RB #221H	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23052-0001	
Dallas TX, 75240	Project Manager:	Daniel Dominguez	7/10/2025 2:32:55PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2528071-BLK1)					Prepared: 07/08/25 Analyzed: 07/09/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	50.6		50.0		101	61-141			

LCS (2528071-BS1)					Prepared: 07/08/25 Analyzed: 07/09/25				
Diesel Range Organics (C10-C28)	284	25.0	250		113	66-144			
Surrogate: n-Nonane	51.6		50.0		103	61-141			

Matrix Spike (2528071-MS1)					Source: E507032-14		Prepared: 07/08/25 Analyzed: 07/09/25		
Diesel Range Organics (C10-C28)	298	25.0	250	ND	119	56-156			
Surrogate: n-Nonane	53.1		50.0		106	61-141			

Matrix Spike Dup (2528071-MSD1)					Source: E507032-14		Prepared: 07/08/25 Analyzed: 07/09/25		
Diesel Range Organics (C10-C28)	292	25.0	250	ND	117	56-156	1.98	20	
Surrogate: n-Nonane	52.0		50.0		104	61-141			



QC Summary Data

Matador Resources, LLC.	Project Name:	Janie Conner 13 24S 28E RB #221H	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23052-0001	
Dallas TX, 75240	Project Manager:	Daniel Dominguez	7/10/2025 2:32:55PM

Anions by EPA 300.0/9056A

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
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Blank (2528085-BLK1)					Prepared: 07/08/25 Analyzed: 07/09/25				
Chloride	ND	20.0							
LCS (2528085-BS1)					Prepared: 07/08/25 Analyzed: 07/09/25				
Chloride	256	20.0	250		102	90-110			
Matrix Spike (2528085-MS1)					Source: E507032-06		Prepared: 07/08/25 Analyzed: 07/09/25		
Chloride	426	40.0	250	162	105	80-120			
Matrix Spike Dup (2528085-MSD1)					Source: E507032-06		Prepared: 07/08/25 Analyzed: 07/09/25		
Chloride	420	40.0	250	162	103	80-120	1.50	20	

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

Definitions and Notes

Matador Resources, LLC.	Project Name:	Janie Conner 13 24S 28E RB #221H	
5400 LBJ Freeway, Suite 1500	Project Number:	23052-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	07/10/25 14:32

- 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: Matador Resources Company		Bill To		Lab Use Only				TAT				EPA Program											
Project: Janie Conner 13 24S 28E RB #221H		Attention: Jason Touchet		Lab WO#		Job Number		1D	2D	3D	Standard	CWA	SDWA										
Project Manager: Daniel Dominguez		Address: 5400 LBJ Freeway Ste 1500		6507032		23052-0001					X												
Address: 4024 Plains Hwy		City, State, Zip: Dallas		Analysis and Method																			
City, State, Zip: Lovington, NM 88260, NM, 88260		Phone: 3376523463																					
Phone: 575 393-3386		Email: jason.touchet@matadorresources.com		RCRA																			
Email: pm@hungry-horse.com				State																			
Report due by:				<table border="1"> <tr> <td>NM</td> <td>CO</td> <td>UT</td> <td>AZ</td> <td>TX</td> </tr> <tr> <td>X</td> <td></td> <td></td> <td></td> <td></td> </tr> </table>										NM	CO	UT	AZ	TX	X				
NM	CO	UT	AZ	TX																			
X																							

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Depth	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
1005	2-Jul	Soil	1	FL33	Surf	1							X		4.0
1010	2-Jul	Soil	1	FL33	1'	2							X		4.2
1015	2-Jul	Soil	1	FL33	2'	3							X		4.3
1020	2-Jul	Soil	1	FL33	3'	4							X		3.8
1025	2-Jul	Soil	1	FL33	4'	5							X		3.6
1030	2-Jul	Soil	1	BH3	Surf	6							X		4.0
1035	2-Jul	Soil	1	BH3	1'	7							X		4.2
1040	2-Jul	Soil	1	BH3	2'	8							X		3.6
1045	2-Jul	Soil	1	BH3	3'	9							X		3.4
1050	2-Jul	Soil	1	BH3	4'	10							X		3.7

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Sampled by:

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6°C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only Received on ice: <input checked="" type="radio"/> Y / <input type="radio"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C _____
<i>[Signature]</i>	7/2/25	1330	<i>Michelle Gonzales</i>	7-2-25	1330	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
<i>Michelle Gonzales</i>	7-2-25	1700	<i>[Signature]</i>	7-2-25	1700	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
<i>[Signature]</i>	7-2-25	2400	<i>Caitlin [Signature]</i>	7-3-25	900	

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

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

Note: Samples are discarded 30 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.

Client: Matador Resources Company				Bill To				Lab Use Only				TAT				EPA Program					
Project: Janie Conner 13 24S 28E RB #221H				Attention: Jason Touchet				Lab WO# E507032				Job Number 23052-0001				1D	2D	3D	Standard	CWA	SDWA
Project Manager: Daniel Dominguez				Address: 5400 LBJ Freeway Ste 1500															X		
Address: 4024 Plains Hwy				City, State, Zip: Dallas																	RCRA
City, State, Zip: Lovington, NM 88260, NM, 88260				Phone: 3376523463																	
Phone: 575 393-3386				Email: jason.touchet@matadorresources.com																	
Email: pm@hungry-horse.com																					
Report due by:																					

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Depth	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	State	Remarks
1105	2-Jul	Soil	1	BH3	5'	11							X			4.4
1110	2-Jul	Soil	1	BH3	6'	12							X			4.2
1115	2-Jul	Soil	1	BH3	7'	13							X			4.0
1120	2-Jul	Soil	1	BH3	8'	14							X			3.8
1125	2-Jul	Soil	1	BH3	9'	15							X			4.1
1130	2-Jul	Soil	1	BH3	10'	16							X			4.2

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.						Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.					
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Lab Use Only			
<i>[Signature]</i>		7/2/25	1330	<i>Michelle Gonzales</i>		7.2.25	1330	Received on ice: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N			
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	T1 T2 T3			
<i>Michelle Gonzales</i>		7.2.25	1700	<i>[Signature]</i>		7.2.25	1700				
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	AVG Temp °C			
<i>[Signature]</i>		7.2.25	2400	<i>Caitlin Mann</i>		7.3.25	900				
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other						Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA					
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.											

Envirotech Analytical Laboratory

Printed: 7/3/2025 2:36:09PM

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:	07/03/25 09:00	Work Order ID:	E507032
Phone:	(972) 371-5200	Date Logged In:	07/02/25 16:14	Logged In By:	Caitlin Mars
Email:	pm@hungry-horse.com	Due Date:	07/10/25 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

Carrier: Courier

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

Sample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client InstructionComments/Resolution

Project Janie Conner 13 24S 28E RB #221H has been separated into multiple reports due to sample volume. WOs are E507024 to E507032. Sampled by not provided on COC.

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

Date



envirotech Inc.

Report to:

Daniel Dominguez



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 13 24S 28E RB
#221H

Work Order: E507319

Job Number: 23052-0001

Received: 7/28/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
8/1/25

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: 8/1/25



Daniel Dominguez
5400 LBJ Freeway, Suite 1500
Dallas, TX 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Workorder: E507319
Date Received: 7/28/2025 7:30:51AM

Daniel Dominguez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/28/2025 7:30:51AM, under the Project Name: Janie Conner 13 24S 28E RB #221H.

The analytical test results summarized in this report with the Project Name: Janie Conner 13 24S 28E RB #221H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

Raina Schwanz
Laboratory Administrator
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mgonzaless@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Janie Conner 13 24S 28E RB #221H Project Number: 23052-0001 Project Manager: Daniel Dominguez	Reported: 08/01/25 09:47
-----------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------	-----------------------------

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FL1 4.5'	E507319-01A	Soil	07/25/25	07/28/25	Glass Jar, 2 oz.
FL2 4.5'	E507319-02A	Soil	07/25/25	07/28/25	Glass Jar, 2 oz.
FL3 4.5'	E507319-03A	Soil	07/25/25	07/28/25	Glass Jar, 2 oz.
SW1 0-4.5'	E507319-04A	Soil	07/25/25	07/28/25	Glass Jar, 2 oz.
SW2 0-4.5'	E507319-05A	Soil	07/25/25	07/28/25	Glass Jar, 2 oz.
SW3 0-4.5'	E507319-06A	Soil	07/25/25	07/28/25	Glass Jar, 2 oz.
SW4 0-4.5'	E507319-07A	Soil	07/25/25	07/28/25	Glass Jar, 2 oz.
SW5 0-4.5'	E507319-08A	Soil	07/25/25	07/28/25	Glass Jar, 2 oz.
SW6 0-4.5'	E507319-09A	Soil	07/25/25	07/28/25	Glass Jar, 2 oz.
SW7 0-4.5'	E507319-10A	Soil	07/25/25	07/28/25	Glass Jar, 2 oz.
SW8 4.5'	E507319-11A	Soil	07/25/25	07/28/25	Glass Jar, 2 oz.
Backfill 1'	E507319-12A	Soil	07/25/25	07/28/25	Glass Jar, 2 oz.



Sample Data

Matador Resources, LLC.

5400 LBJ Freeway, Suite 1500

Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H

Project Number: 23052-0001

Project Manager: Daniel Dominguez

Reported:

8/1/2025 9:47:54AM

FL1 4.5'

E507319-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2531057	
Benzene	ND	0.0250	1	07/29/25	07/29/25	
Ethylbenzene	ND	0.0250	1	07/29/25	07/29/25	
Toluene	ND	0.0250	1	07/29/25	07/29/25	
o-Xylene	ND	0.0250	1	07/29/25	07/29/25	
p,m-Xylene	ND	0.0500	1	07/29/25	07/29/25	
Total Xylenes	ND	0.0250	1	07/29/25	07/29/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	94.9 %	70-130		07/29/25	07/29/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2531057	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/29/25	07/29/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	92.1 %	70-130		07/29/25	07/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2531076	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/29/25	07/31/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/29/25	07/31/25	
<i>Surrogate: n-Nonane</i>	97.6 %	61-141		07/29/25	07/31/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM		Batch: 2531094	
Chloride	66.5	20.0	1	07/30/25	07/31/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
8/1/2025 9:47:54AM

FL2 4.5'

E507319-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2531057	
Benzene	ND	0.0250	1	07/29/25	07/29/25	
Ethylbenzene	ND	0.0250	1	07/29/25	07/29/25	
Toluene	ND	0.0250	1	07/29/25	07/29/25	
o-Xylene	ND	0.0250	1	07/29/25	07/29/25	
p,m-Xylene	ND	0.0500	1	07/29/25	07/29/25	
Total Xylenes	ND	0.0250	1	07/29/25	07/29/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	95.4 %	70-130		07/29/25	07/29/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2531057	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/29/25	07/29/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	88.5 %	70-130		07/29/25	07/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2531076	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/29/25	07/31/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/29/25	07/31/25	
<i>Surrogate: n-Nonane</i>	95.3 %	61-141		07/29/25	07/31/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM		Batch: 2531094	
Chloride	83.8	20.0	1	07/30/25	07/31/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
8/1/2025 9:47:54AM

FL3 4.5'

E507319-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2531057	
Benzene	ND	0.0250	1	07/29/25	07/29/25	
Ethylbenzene	ND	0.0250	1	07/29/25	07/29/25	
Toluene	ND	0.0250	1	07/29/25	07/29/25	
o-Xylene	ND	0.0250	1	07/29/25	07/29/25	
p,m-Xylene	ND	0.0500	1	07/29/25	07/29/25	
Total Xylenes	ND	0.0250	1	07/29/25	07/29/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	95.0 %	70-130		07/29/25	07/29/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2531057	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/29/25	07/29/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	89.6 %	70-130		07/29/25	07/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2531076	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/29/25	07/31/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/29/25	07/31/25	
<i>Surrogate: n-Nonane</i>	97.8 %	61-141		07/29/25	07/31/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM		Batch: 2531094	
Chloride	116	20.0	1	07/30/25	07/31/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
8/1/2025 9:47:54AM

SW1 0-4.5'

E507319-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2531057	
Benzene	ND	0.0250	1	07/29/25	07/29/25	
Ethylbenzene	ND	0.0250	1	07/29/25	07/29/25	
Toluene	ND	0.0250	1	07/29/25	07/29/25	
o-Xylene	ND	0.0250	1	07/29/25	07/29/25	
p,m-Xylene	ND	0.0500	1	07/29/25	07/29/25	
Total Xylenes	ND	0.0250	1	07/29/25	07/29/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.9 %	70-130		07/29/25	07/29/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2531057	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/29/25	07/29/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.6 %	70-130		07/29/25	07/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2531076	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/29/25	07/31/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/29/25	07/31/25	
<i>Surrogate: n-Nonane</i>						
	96.8 %	61-141		07/29/25	07/31/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: JM		Batch: 2531094	
Chloride	159	20.0	1	07/30/25	07/30/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
8/1/2025 9:47:54AM

SW2 0-4.5'

E507319-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2531057	
Benzene	ND	0.0250	1	07/29/25	07/29/25	
Ethylbenzene	ND	0.0250	1	07/29/25	07/29/25	
Toluene	ND	0.0250	1	07/29/25	07/29/25	
o-Xylene	ND	0.0250	1	07/29/25	07/29/25	
p,m-Xylene	ND	0.0500	1	07/29/25	07/29/25	
Total Xylenes	ND	0.0250	1	07/29/25	07/29/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	95.2 %	70-130		07/29/25	07/29/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2531057	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/29/25	07/29/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	88.7 %	70-130		07/29/25	07/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2531076	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/29/25	07/31/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/29/25	07/31/25	
<i>Surrogate: n-Nonane</i>	96.4 %	61-141		07/29/25	07/31/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM		Batch: 2531094	
Chloride	153	20.0	1	07/30/25	07/31/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
8/1/2025 9:47:54AM

SW3 0-4.5'

E507319-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2531057	
Benzene	ND	0.0250	1	07/29/25	07/29/25	
Ethylbenzene	ND	0.0250	1	07/29/25	07/29/25	
Toluene	ND	0.0250	1	07/29/25	07/29/25	
o-Xylene	ND	0.0250	1	07/29/25	07/29/25	
p,m-Xylene	ND	0.0500	1	07/29/25	07/29/25	
Total Xylenes	ND	0.0250	1	07/29/25	07/29/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.2 %	70-130		07/29/25	07/29/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2531057	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/29/25	07/29/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.5 %	70-130		07/29/25	07/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2531076	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/29/25	07/31/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/29/25	07/31/25	
<i>Surrogate: n-Nonane</i>						
	93.3 %	61-141		07/29/25	07/31/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: JM		Batch: 2531094	
Chloride	130	20.0	1	07/30/25	07/31/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
8/1/2025 9:47:54AM

SW4 0-4.5'

E507319-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2531057	
Benzene	ND	0.0250	1	07/29/25	07/29/25	
Ethylbenzene	ND	0.0250	1	07/29/25	07/29/25	
Toluene	ND	0.0250	1	07/29/25	07/29/25	
o-Xylene	ND	0.0250	1	07/29/25	07/29/25	
p,m-Xylene	ND	0.0500	1	07/29/25	07/29/25	
Total Xylenes	ND	0.0250	1	07/29/25	07/29/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.9 %	70-130		07/29/25	07/29/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2531057	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/29/25	07/29/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	88.6 %	70-130		07/29/25	07/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2531076	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/29/25	07/31/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/29/25	07/31/25	
<i>Surrogate: n-Nonane</i>						
	96.1 %	61-141		07/29/25	07/31/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: JM		Batch: 2531094	
Chloride	134	20.0	1	07/30/25	07/31/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
8/1/2025 9:47:54AM

SW5 0-4.5'

E507319-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2531057	
Benzene	ND	0.0250	1	07/29/25	07/29/25	
Ethylbenzene	ND	0.0250	1	07/29/25	07/29/25	
Toluene	ND	0.0250	1	07/29/25	07/29/25	
o-Xylene	ND	0.0250	1	07/29/25	07/29/25	
p,m-Xylene	ND	0.0500	1	07/29/25	07/29/25	
Total Xylenes	ND	0.0250	1	07/29/25	07/29/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.4 %	70-130		07/29/25	07/29/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2531057	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/29/25	07/29/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	86.3 %	70-130		07/29/25	07/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2531076	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/29/25	07/31/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/29/25	07/31/25	
<i>Surrogate: n-Nonane</i>						
	96.4 %	61-141		07/29/25	07/31/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: JM		Batch: 2531094	
Chloride	88.3	20.0	1	07/30/25	07/31/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
8/1/2025 9:47:54AM

SW6 0-4.5'

E507319-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2531057	
Benzene	ND	0.0250	1	07/29/25	07/29/25	
Ethylbenzene	ND	0.0250	1	07/29/25	07/29/25	
Toluene	ND	0.0250	1	07/29/25	07/29/25	
o-Xylene	ND	0.0250	1	07/29/25	07/29/25	
p,m-Xylene	ND	0.0500	1	07/29/25	07/29/25	
Total Xylenes	ND	0.0250	1	07/29/25	07/29/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	94.9 %	70-130		07/29/25	07/29/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2531057	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/29/25	07/29/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	88.0 %	70-130		07/29/25	07/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2531076	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/29/25	07/31/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/29/25	07/31/25	
<i>Surrogate: n-Nonane</i>	95.9 %	61-141		07/29/25	07/31/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM		Batch: 2531094	
Chloride	136	20.0	1	07/30/25	07/31/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
8/1/2025 9:47:54AM

SW7 0-4.5'

E507319-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2531057	
Benzene	ND	0.0250	1	07/29/25	07/29/25	
Ethylbenzene	ND	0.0250	1	07/29/25	07/29/25	
Toluene	ND	0.0250	1	07/29/25	07/29/25	
o-Xylene	ND	0.0250	1	07/29/25	07/29/25	
p,m-Xylene	ND	0.0500	1	07/29/25	07/29/25	
Total Xylenes	ND	0.0250	1	07/29/25	07/29/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.9 %	70-130		07/29/25	07/29/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2531057	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/29/25	07/29/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	86.7 %	70-130		07/29/25	07/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2531076	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/29/25	07/31/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/29/25	07/31/25	
<i>Surrogate: n-Nonane</i>						
	97.8 %	61-141		07/29/25	07/31/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: JM		Batch: 2531094	
Chloride	139	20.0	1	07/30/25	07/31/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
8/1/2025 9:47:54AM

SW8 4.5'

E507319-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2531057	
Benzene	ND	0.0250	1	07/29/25	07/29/25	
Ethylbenzene	ND	0.0250	1	07/29/25	07/29/25	
Toluene	ND	0.0250	1	07/29/25	07/29/25	
o-Xylene	ND	0.0250	1	07/29/25	07/29/25	
p,m-Xylene	ND	0.0500	1	07/29/25	07/29/25	
Total Xylenes	ND	0.0250	1	07/29/25	07/29/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	96.5 %	70-130		07/29/25	07/29/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2531057	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/29/25	07/29/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	89.6 %	70-130		07/29/25	07/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2531076	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/29/25	07/31/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/29/25	07/31/25	
<i>Surrogate: n-Nonane</i>	97.7 %	61-141		07/29/25	07/31/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM		Batch: 2531094	
Chloride	96.0	20.0	1	07/30/25	07/31/25	



Sample Data

Matador Resources, LLC.
5400 LBJ Freeway, Suite 1500
Dallas TX, 75240

Project Name: Janie Conner 13 24S 28E RB #221H
Project Number: 23052-0001
Project Manager: Daniel Dominguez

Reported:
8/1/2025 9:47:54AM

Backfill 1'

E507319-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2531057	
Benzene	ND	0.0250	1	07/29/25	07/29/25	
Ethylbenzene	ND	0.0250	1	07/29/25	07/29/25	
Toluene	ND	0.0250	1	07/29/25	07/29/25	
o-Xylene	ND	0.0250	1	07/29/25	07/29/25	
p,m-Xylene	ND	0.0500	1	07/29/25	07/29/25	
Total Xylenes	ND	0.0250	1	07/29/25	07/29/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	93.0 %	70-130		07/29/25	07/29/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2531057	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/29/25	07/29/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	89.2 %	70-130		07/29/25	07/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2531076	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/29/25	07/31/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/29/25	07/31/25	
<i>Surrogate: n-Nonane</i>	96.6 %	61-141		07/29/25	07/31/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM		Batch: 2531094	
Chloride	146	20.0	1	07/30/25	07/31/25	



QC Summary Data

Matador Resources, LLC.	Project Name:	Janie Conner 13 24S 28E RB #221H	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23052-0001	
Dallas TX, 75240	Project Manager:	Daniel Dominguez	8/1/2025 9:47:54AM

Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2531057-BLK1) Prepared: 07/29/25 Analyzed: 07/29/25

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.66		8.00		95.7	70-130			

LCS (2531057-BS1) Prepared: 07/29/25 Analyzed: 07/29/25

Benzene	5.13	0.0250	5.00		103	70-130			
Ethylbenzene	5.01	0.0250	5.00		100	70-130			
Toluene	5.08	0.0250	5.00		102	70-130			
o-Xylene	5.05	0.0250	5.00		101	70-130			
p,m-Xylene	10.1	0.0500	10.0		101	70-130			
Total Xylenes	15.1	0.0250	15.0		101	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.62		8.00		95.3	70-130			

Matrix Spike (2531057-MS1) Source: E507319-06 Prepared: 07/29/25 Analyzed: 07/29/25

Benzene	5.07	0.0250	5.00	ND	101	70-130			
Ethylbenzene	4.97	0.0250	5.00	ND	99.3	70-130			
Toluene	5.02	0.0250	5.00	ND	100	70-130			
o-Xylene	5.00	0.0250	5.00	ND	100	70-130			
p,m-Xylene	9.99	0.0500	10.0	ND	99.9	70-130			
Total Xylenes	15.0	0.0250	15.0	ND	100	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.65		8.00		95.6	70-130			

Matrix Spike Dup (2531057-MSD1) Source: E507319-06 Prepared: 07/29/25 Analyzed: 07/29/25

Benzene	4.85	0.0250	5.00	ND	97.0	70-130	4.49	27	
Ethylbenzene	4.76	0.0250	5.00	ND	95.3	70-130	4.19	26	
Toluene	4.80	0.0250	5.00	ND	96.0	70-130	4.55	20	
o-Xylene	4.84	0.0250	5.00	ND	96.9	70-130	3.25	25	
p,m-Xylene	9.56	0.0500	10.0	ND	95.6	70-130	4.43	23	
Total Xylenes	14.4	0.0250	15.0	ND	96.0	70-130	4.04	26	
Surrogate: 4-Bromochlorobenzene-PID	7.76		8.00		97.0	70-130			



QC Summary Data

Matador Resources, LLC.	Project Name:	Janie Conner 13 24S 28E RB #221H	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23052-0001	
Dallas TX, 75240	Project Manager:	Daniel Dominguez	8/1/2025 9:47:54AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2531057-BLK1) Prepared: 07/29/25 Analyzed: 07/29/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.31		8.00		91.4	70-130			

LCS (2531057-BS2) Prepared: 07/29/25 Analyzed: 07/29/25

Gasoline Range Organics (C6-C10)	55.0	20.0	50.0		110	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.12		8.00		88.9	70-130			

Matrix Spike (2531057-MS2) Source: E507319-06 Prepared: 07/29/25 Analyzed: 07/29/25

Gasoline Range Organics (C6-C10)	55.3	20.0	50.0	ND	111	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.33		8.00		91.6	70-130			

Matrix Spike Dup (2531057-MSD2) Source: E507319-06 Prepared: 07/29/25 Analyzed: 07/29/25

Gasoline Range Organics (C6-C10)	52.3	20.0	50.0	ND	105	70-130	5.48	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.30		8.00		91.3	70-130			



QC Summary Data

Matador Resources, LLC.	Project Name:	Janie Conner 13 24S 28E RB #221H	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23052-0001	
Dallas TX, 75240	Project Manager:	Daniel Dominguez	8/1/2025 9:47:54AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2531076-BLK1)					Prepared: 07/29/25 Analyzed: 07/31/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	46.6		50.0		93.1	61-141			

LCS (2531076-BS1)					Prepared: 07/29/25 Analyzed: 07/31/25				
Diesel Range Organics (C10-C28)	273	25.0	250		109	66-144			
Surrogate: n-Nonane	48.8		50.0		97.7	61-141			

Matrix Spike (2531076-MS1)					Source: E507319-07		Prepared: 07/29/25 Analyzed: 07/31/25		
Diesel Range Organics (C10-C28)	271	25.0	250	ND	108	56-156			
Surrogate: n-Nonane	48.1		50.0		96.3	61-141			

Matrix Spike Dup (2531076-MSD1)					Source: E507319-07		Prepared: 07/29/25 Analyzed: 07/31/25		
Diesel Range Organics (C10-C28)	270	25.0	250	ND	108	56-156	0.414	20	
Surrogate: n-Nonane	48.4		50.0		96.8	61-141			



QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: Janie Conner 13 24S 28E RB #221H Project Number: 23052-0001 Project Manager: Daniel Dominguez	Reported: 8/1/2025 9:47:54AM
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Anions by EPA 300.0/9056A

Analyst: JM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2531094-BLK1)					Prepared: 07/30/25 Analyzed: 07/30/25				
Chloride	ND	20.0							
LCS (2531094-BS1)					Prepared: 07/30/25 Analyzed: 07/30/25				
Chloride	252	20.0	250		101	90-110			
Matrix Spike (2531094-MS1)					Source: E507319-04		Prepared: 07/30/25 Analyzed: 07/31/25		
Chloride	406	20.0	250	159	98.6	80-120			
Matrix Spike Dup (2531094-MSD1)					Source: E507319-04		Prepared: 07/30/25 Analyzed: 07/31/25		
Chloride	409	20.0	250	159	99.8	80-120	0.730	20	

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



Definitions and Notes

Matador Resources, LLC.	Project Name:	Janie Conner 13 24S 28E RB #221H	
5400 LBJ Freeway, Suite 1500	Project Number:	23052-0001	Reported:
Dallas TX, 75240	Project Manager:	Daniel Dominguez	08/01/25 09:47

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.



Project Information

Chain of Custody

Page 1 of 2

Client: Matador Resources Company				Bill To			Lab Use Only				TAT				EPA Program			
Project: Janie Conner 13 24S 28E RB #221H				Attention: Jason Touchet			Lab WO#		Job Number		1D	2D	3D	Standard	CWA	SDWA		
Project Manager: Daniel Dominguez				Address: 5400 LBJ Freeway Ste 1500			E907319		23082-0001					X				
Address: 4024 Plains Hwy				City, State, Zip: Dallas			Analysis and Method											RCRA
City, State, Zip: Lovington, NM 88260, NM, 8826				Phone: 3376523463														
Phone: 575 393-3386				Email: jason.touchet@matadorresources.com														
Email: pm@hungry-horse.com																		
Report due by:																		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Depth	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC NM	BGDOC TX	Temps	Remarks	
810	25-Jul	Soil	1	FL1	4.5'	1								X			4.1	Corrected Sample depths per client 7/28/25 em
815	25-Jul	Soil	1	FL2	4.5'	2								X			3.8	
820	25-Jul	Soil	1	FL3	4.5'	3								X			4.2	
825	25-Jul	Soil	1	SW1	0-4.5'	4								X			4.0	
830	25-Jul	Soil	1	SW2	0-4.5'	5								X			3.8	
835	25-Jul	Soil	1	SW3	0-4.5'	6								X			3.6	
840	25-Jul	Soil	1	SW4	0-4.5'	7								X			4.4	
845	25-Jul	Soil	1	SW5	0-4.5'	8								X			4.3	
850	25-Jul	Soil	1	SW6	0-4.5'	9								X			4.0	
855	25-Jul	Soil	1	SW7	0-4.5'	10								X			4.1	

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Sampled by:

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only Received on ice: <input checked="" type="radio"/> Y / <input type="radio"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C _____
<i>Gerard Rodriguez</i>	7-25-25	1300	<i>Michelle Gonzales</i>	7-25-25	1300	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
<i>Michelle Gonzales</i>	7-25-25	1700	<i>Andrew H.</i>	7-25-25	1700	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
<i>Andrew H.</i>	7-25-25	2330	<i>Carla Mar</i>	7-28-25	730	

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

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

Note: Samples are discarded 30 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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Page 2 of 2

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Project Information

Chain of Custody

Page 1 of 2

Client: Matador Resources Company				Bill To		Lab Use Only				TAT				EPA Program		
Project: Janie Conner 13 24S 28E RB #221H				Attention: Jason Touchet		Lab WO#		Job Number		1D	2D	3D	Standard	CWA	SDWA	
Project Manager: Daniel Dominguez				Address: 5400 LBJ Freeway Ste 1500		5507319		23052-0001					X			
Address: 4024 Plains Hwy				City, State, Zip: Dallas		Analysis and Method									RCRA	
City, State, Zip: Lovington, NM 88260, NM, 88260				Phone: 3376523463		DRO/DRO by 8015 GRO/DRO by 8015 BTEX by 8021 VOC by 8260 Metals 6010 Chloride 300.0 BGDOC NM BGDOC TX Temps									State	
Phone: 575 393-3386				Email: jason.touchet@matadorresources.com											NM	
Email: pm@hungry-horse.com																
Report due by:																
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Depth	Lab Number									Remarks	
810	25-Jul	Soil	1	FL1	4.5'	1							X		4.1	
815	25-Jul	Soil	1	FL2	4.5'	2							X		3.8	
820	25-Jul	Soil	1	FL3	4.5'	3							X		4.2	
825	25-Jul	Soil	1	SW1	0-4.5'	4							X		4.0	
830	25-Jul	Soil	1	SW2	0-4.5'	5							X		3.8	
835	25-Jul	Soil	1	SW3	0-4.5'	6							X		3.6	
840	25-Jul	Soil	1	SW4	0-4.5'	7							X		4.4	
845	25-Jul	Soil	1	SW5	0-4.5'	8							X		4.3	
850	25-Jul	Soil	1	SW6	0-4.5'	9							X		4.0	
855	25-Jul	Soil	1	SW7	0-4.5'	10							X		4.1	
Additional Instructions:																
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.										Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.						
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Lab Use Only								
[Signature]		7-25-25	1300	[Signature]		7-25-25	1300	Received on ice: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N								
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	T1 T2 T3								
[Signature]		7-25-25	1700	[Signature]		7-25-25	1700									
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	AVG Temp °C								
[Signature]		7-25-25	2330	[Signature]		7-28-25	730									
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																



envirotech



Envirotech Analytical Laboratory

Printed: 7/28/2025 10:43:21AM

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:	07/28/25 07:30	Work Order ID:	E507319
Phone:	(972) 371-5200	Date Logged In:	07/25/25 15:57	Logged In By:	Caitlin Mars
Email:	pm@hungry-horse.com	Due Date:	08/01/25 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

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

Carrier: CourierComments/Resolution

Sampled by not provided on COC.

Sample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

From: [Daniel Dominguez](#)
To: [Wells, Shelly, EMNRD](#)
Subject: [EXTERNAL] RE: nAB1616636453 JANIE CONNER 13 24S 28E RB #221H
Date: Tuesday, September 16, 2025 8:24:58 AM

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

Shelly,

Unfortunately, I do not have a better photo. I explained multiple times to the crew that part of the reason we were doing this was because photos weren't taken, and that's the best I got out of them. My Env Tech who really understands how to take the photos was at the hospital because his wife was sick. Anyway, I'm sorry but there are no other photos.

Daniel Dominguez
Environmental Director
Hungry Horse, LLC
(m) 575-408-3134
ddominguez@hungry-horse.com

From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Sent: Monday, September 15, 2025 4:04 PM
To: Daniel Dominguez <ddominguez@hungry-horse.com>
Subject: nAB1616636453 JANIE CONNER 13 24S 28E RB #221H

Hi Daniel,

I am reviewing the submitted remediation closure report for nAB1616636453 JANIE CONNER 13 24S 28E RB #221H and have a question for you. Do you have a better photo of the excavation that took place at the location of BH3? If so, can you please send it/them to me?

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/>

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS

Action 500072

QUESTIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 500072
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAB1616636453
Incident Name	NAB1616636453 JANIE CONNER 13 24S 28E RB #221H @ 30-015-43756
Incident Type	Release Other
Incident Status	Remediation Closure Report Received
Incident Well	[30-015-43756] JANIE CONNER 13 24S 28E RB #221H

Location of Release Source

Please answer all the questions in this group.

Site Name	JANIE CONNER 13 24S 28E RB #221H
Date Release Discovered	06/12/2016
Surface Owner	Private

Incident Details

Please answer all the questions in this group.

Incident Type	Release Other
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	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Cause: Equipment Failure Other (Specify) Condensate Released: 13 BBL Recovered: 13 BBL Lost: 0 BBL.
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.

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 2

Action 500072

QUESTIONS (continued)

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 500072
	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	<i>Unavailable.</i>
<i>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.</i>	

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	<i>Not answered.</i>

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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

I hereby agree and sign off to the above statement	Name: Jason Touchet Title: EHS Field Rep Email: jason.touchet@matadorresources.com Date: 08/28/2025
----------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------

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Oil Conservation Division
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Santa Fe, NM 87505

QUESTIONS, Page 3

Action 500072

QUESTIONS (continued)

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 500072
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization	
<i>Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 26 and 50 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between ½ and 1 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 500 and 1000 (ft.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 500 and 1000 (ft.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Between 1 and 5 (mi.)
A wetland	Between ½ and 1 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	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	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	714
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	89.2
GRO+DRO (EPA SW-846 Method 8015M)	89
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
On what estimated date will the remediation commence	09/18/2018
On what date will (or did) the final sampling or liner inspection occur	07/25/2025
On what date will (or was) the remediation complete(d)	07/24/2025
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	600
What is the estimated volume (in cubic yards) that will be remediated	12
<i>These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.</i>	
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 4

Action 500072

QUESTIONS (continued)

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 500072
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	<i>Not answered.</i>
OR which OCD approved well (API) will be used for off-site disposal	<i>Not answered.</i>
OR is the off-site disposal site, to be used, out-of-state	<i>Not answered.</i>
OR is the off-site disposal site, to be used, an NMED facility	Yes
What is the name of the NMED facility	Lea Land
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	<i>Not answered.</i>
(In Situ) Soil Vapor Extraction	<i>Not answered.</i>
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	<i>Not answered.</i>
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	<i>Not answered.</i>
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	<i>Not answered.</i>
Ground Water Abatement pursuant to 19.15.30 NMAC	<i>Not answered.</i>
OTHER (Non-listed remedial process)	<i>Not answered.</i>
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Jason Touchet Title: EHS Field Rep Email: jason.touchet@matadorresources.com Date: 08/28/2025
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 5

Action 500072

QUESTIONS (continued)

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 500072
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS, Page 6

Action 500072

QUESTIONS (continued)

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 500072
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	487593
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	07/25/2025
What was the (estimated) number of samples that were to be gathered	12
What was the sampling surface area in square feet	600

Remediation Closure Request	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
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	600
What was the total volume (cubic yards) remediated	12
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	600
What was the total volume (in cubic yards) reclaimed	12
Summarize any additional remediation activities not included by answers (above)	Sampling activities were conducted in accordance with applicable NMOCD Regulations and approved sampling plan. Laboratory analytical results from closure confirmation samples indicate concentrations of BTEX, TPH, and chloride are below the NMOCD Closure Criteria.
<i>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>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.	
I hereby agree and sign off to the above statement	Name: Jason Touchet Title: EHS Field Rep Email: jason.touchet@matadorresources.com Date: 08/28/2025

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Action 500072

QUESTIONS (continued)

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 500072
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

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CONDITIONS

Action 500072

CONDITIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 500072
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
scwells	None	9/16/2025