



August 11, 2025

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

**Re: Closure Request
South Taylor 13 Federal 001
Incident Number nAPP2513327698
Eddy County, New Mexico**

To Whom It May Concern:

Ensolum, LLC (Ensolum), on behalf of Matador Production Company (Matador), has prepared this *Closure Request* to document assessment and soil sampling activities performed at the South Taylor 13 Federal 001 (Site) in Unit P, Section 13, Township 18 South, Range 31 East, in Eddy County, New Mexico (Figure 1). The purpose of the Site assessment and soil sampling activities was to assess for the presence or absence of impacts to soil resulting from a release of crude oil, which impacted the earthen berm containment at the Site. Based on field observations, field screening activities, and laboratory analytical results, Matador is submitting this *Closure Request* and requesting closure for Incident Number nAPP2513327698.

SITE DESCRIPTION AND RELEASE SUMMARY

The Site is located in Eddy County, New Mexico (32.741274°, -103.817659°) and is associated with oil and gas exploration and production operations on Federal Land managed by the Bureau of Land Management (BLM).

On May 12, 2025, a bottom pump failed causing the overflow of a production storage tank at the Site. This failure resulted in the release of approximately 9 barrels (bbls) of crude oil; 7 bbls of crude oil were recovered via vacuum truck. Matador reported the release to the New Mexico Oil Conservation Division (NMOCD) on a Release Notification Form C-141 (Form C-141) on May 20, 2025. The release was assigned Incident Number nAPP2513327698. The Form C-141 can be referenced within the NMOCD Incident Portal.

SITE CHARACTERIZATION AND CLOSURE CRITERIA

The Site was characterized to assess applicability of Table I, Closure Criteria for Soils Impacted by a Release, of Title 19, Chapter 15, Part 29 (19.15.29) of the New Mexico Administrative Code (NMAC). Results from the characterization desktop review are presented on page 3 of the Form C-141, Site Assessment/Characterization. Potential Site receptors are identified on Figure 1.

According to the New Mexico Office of the State Engineer (NMOSE), the closest permitted groundwater well with depth to groundwater data is CP 02051 POD1, located approximately 2.41 miles southwest of the release area. The well had a reported depth to groundwater greater than 55 feet below ground surface (bgs) and a total depth of 55 feet bgs. There are no regional or Site-specific hydrogeological conditions, such as shallow surface water, karst features, wetlands, or vegetation to suggest the Site is

conductive to shallow groundwater. All wells used for depth to groundwater determination are presented on Figure 1. The referenced well record is included in Appendix A.

The closest continuously flowing or significant watercourse to the Site is an intermittent dry wash, located approximately 4.13 miles northwest of the Site. The Site is greater than 200 feet from a lakebed, sinkhole, or playa lake and greater than 300 feet from an occupied residence, school, hospital, institution, church, or wetland. The Site is greater than 1,000 feet to a freshwater well or spring and is not within a 100-year floodplain or overlying a subsurface mine. The Site is not underlain by unstable geology (low potential karst designation area). Site receptors are identified on Figure 1.

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

- Benzene: 10 milligrams per kilogram (mg/kg)
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg
- Total Petroleum Hydrocarbons (TPH): 100 mg/kg
- Chloride: 600 mg/kg

SITE ASSESSMENT ACTIVITIES

Beginning on May 12, 2025, Site assessment activities were conducted to evaluate the release extent based on information provided on the Form C-141 and visual observations. Ensolum personnel mapped the release extent. Ensolum personnel advanced two boreholes (BH01 and BH02) via hand auger to depths of 2 feet and 3 feet bgs, respectively, within the release extent to verify the vertical extent of impacted soil. On August 1, 2025, Ensolum personnel returned to the Site and collected four lateral delineation soil samples (SS01 through SS04) around the release extent, at ground surface. Soil from the lateral delineation samples (SS01 through SS04) and from vertical delineation soil samples (BH01 and BH02) were field screened for TPH utilizing a calibrated PetroFLAG® soil analyzer system and chloride using Hach® chloride QuanTab® test strips.

The delineation soil sample locations are depicted on Figure 2. Lithologic Sample Logs are included as Appendix B. Photographs were taken during the liner integrity inspection and during soil sampling activities and a photographic log is included in Appendix C.

All soil samples were placed directly into pre-cleaned glass jars, labeled with the location, date, time, sampler name, method of analysis, and immediately placed on ice. The soil samples were transported under strict chain-of-custody procedures to Envirotech Analytical Laboratory (Envirotech) in Farmington, New Mexico, for analysis of the following chemicals of concern (COCs): BTEX following United States Environmental Protection Agency (EPA) Method 8021B; TPH-gasoline range organics (GRO), TPH-diesel range organics (DRO), and TPH-oil range organics (ORO) following EPA Method 8015M/D; and chloride following EPA Method 300.0.

LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for lateral delineation soil samples (SS01 through SS04), collected around the release extent, were compliant with the strictest Closure Criteria per NMOCD Table I. Laboratory analytical results from delineation boreholes BH01 and BH02 collected from the on-pad release extent exceeded the strictest Closure Criteria at ground surface but were in compliance with the strictest

South Taylor 13 Federal 001
Matador Production Company
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Closure Criteria at a depth of 1-foot bgs and 3 feet bgs, respectively. Laboratory analytical results are summarized in Table 1 and the complete laboratory analytical report is included as Appendix D.

EXCAVATION AND CONFIRMATION SOIL SAMPLING ACTIVITIES

From July 15 through July 17, 2025, impacted soil was excavated from the release extent via backhoe and hand crew as indicated by visible staining and delineation soil sampling results. The excavation occurred within the earthen secondary tank containment and around associated production equipment. To direct excavation activities, Ensolum personnel field screened soil for chloride and TPH utilizing the same methods described above.

Following removal of impacted soil, Ensolum personnel collected 5-point composite soil samples representing at least 200 square feet from the floor of the excavation. The 5-point composite samples were collected by placing five equivalent aliquots of soil into a resealable plastic bag and homogenizing the samples by thoroughly mixing. Composite soil samples FS01 through FS05 were collected from the floor of the excavation at depths ranging from 1-foot to 3 feet bgs. Three confirmation sidewall soil samples (SW01 through SW03) were collected from the sidewalls of the excavation area. The excavation soil samples were collected, handled, and analyzed following the same procedures as described above. The excavation extent and excavation soil sample locations are presented on Figure 3.

The final excavation extent measured approximately 773 square feet. A total of approximately 42 cubic yards of impacted soil was removed during the excavation activities. The impacted soil was transported and properly disposed of at the Lea Land Disposal in Hobbs, New Mexico.

LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for excavation floor samples FS01 through FS05, collected from the floor of the release extent, were compliant with the strictest Closure Criteria per NMOCD Table I at depths ranging from 1-foot bgs to 3 feet bgs. Laboratory analytical results from confirmation sidewall soil samples SW01 through SW03, collected from ground surface to 3 feet bgs, were in compliance with the strictest Closure Criteria. Laboratory analytical results are summarized in Table 2 and the complete laboratory analytical report is included as Appendix D.

CLOSURE REQUEST

Site assessment and excavation activities were conducted at the Site to address the May 2025 release of crude oil at the Site. Laboratory analytical results from vertical delineation samples BH01 and BH02 indicated all COCs were in compliance with strictest Closure Criteria at 1-foot and 3 feet bgs, respectively. The release area has been laterally and vertically defined in accordance with the strictest Closure Criteria per NMOCD Table I criteria. Laboratory analytical results for the excavation soil samples, collected from the final excavation extent, indicated all COC concentrations were in compliance with the strictest Closure Criteria. Based on the soil sample analytical results, no further remediation was required.

Excavation of impacted and waste-containing soil has mitigated adverse conditions at this Site. Depth to groundwater has been estimated to be greater than 55 feet bgs and no other sensitive receptors were identified near the release extent. Matador believes these remedial actions are protective of human health, the environment, and groundwater. As such, Matador respectfully requests closure for Incident Number nAPP2513327698.

South Taylor 13 Federal 001
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If you have any questions or comments, please contact Ms. Ashley Giovengo at (575) 988-0055 or agiovengo@ensolum.com.

Sincerely,
Ensolum, LLC

A handwritten signature in black ink, appearing to read "Chad Hamilton", with a stylized, overlapping loop at the end.

Chad Hamilton
Project Geologist

A handwritten signature in black ink, appearing to read "Daniel R. Moir", with a large, rounded loop at the end.

Daniel R. Moir, PG
Senior Managing Geologist

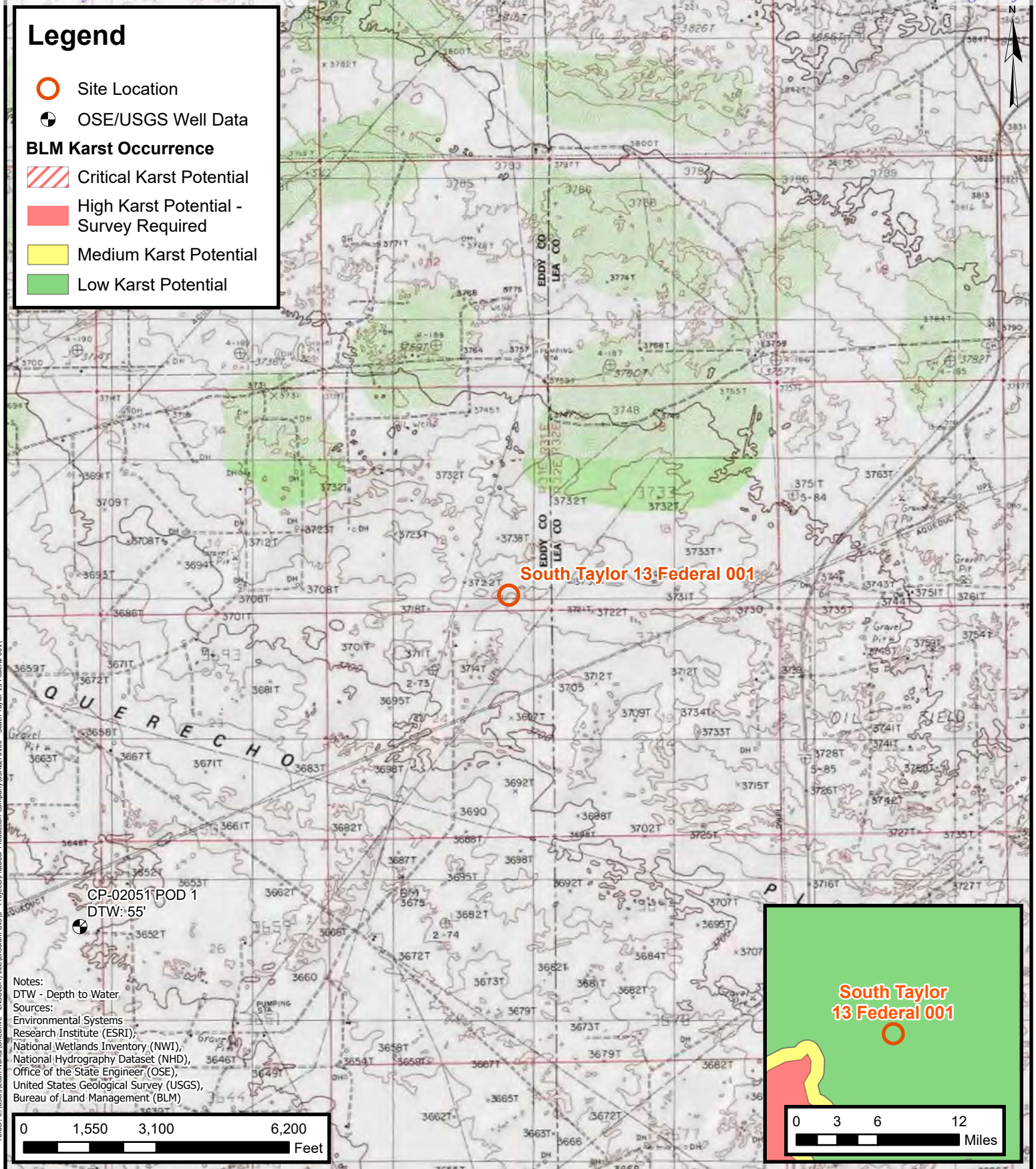
cc: Jason Touchet, Matador

Appendices:

Figure 1	Site Receptor Map
Figure 2	Delineation Soil Sample Locations
Figure 3	Excavation Soil Sample Locations
Table 1	Delineation Soil Sample Analytical Results
Table 2	Excavation Soil Sample Analytical Results
Appendix A	Well Record and Log
Appendix B	Lithologic Soil Sampling Logs
Appendix C	Photographic Log
Appendix D	Laboratory Analytical Reports & Chain-of-Custody Documentation
Appendix E	NMOCD Correspondence



FIGURES



Site Receptor Map

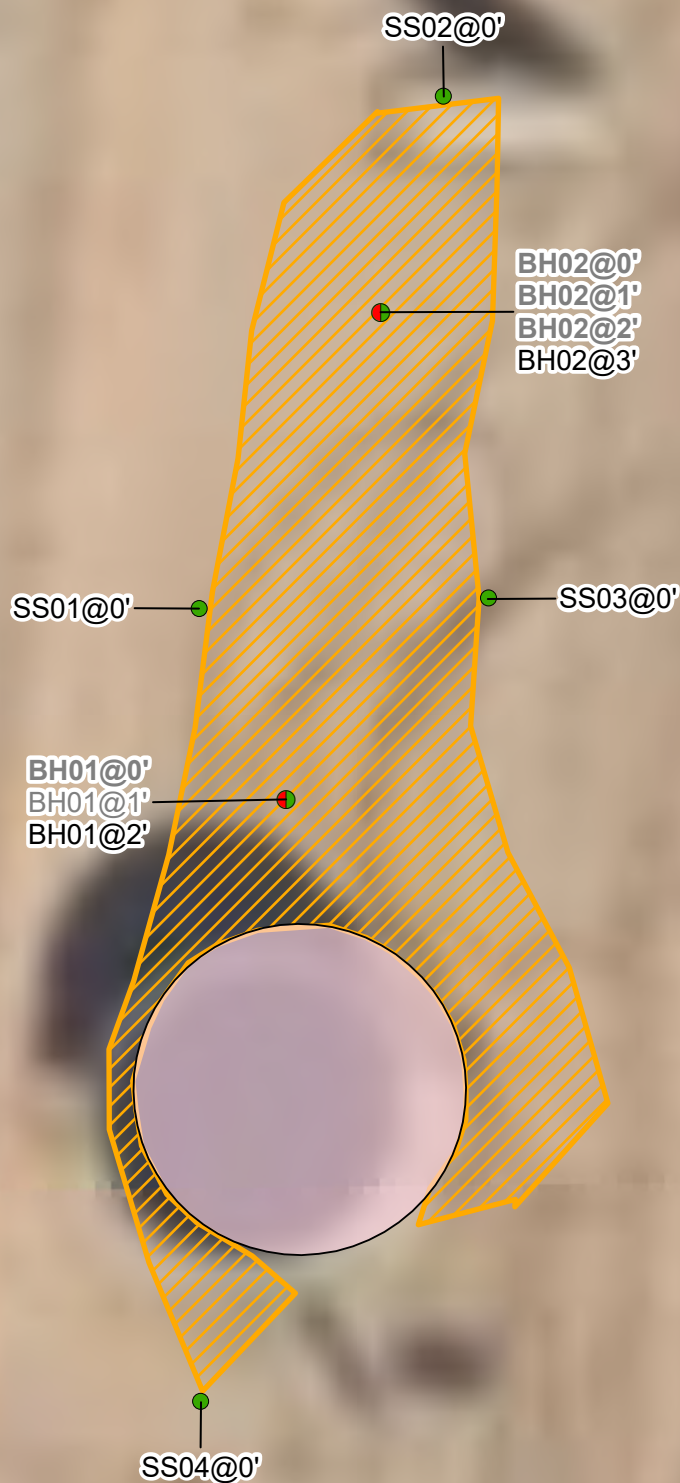
Matador Production Company
South Taylor 13 Federal 001
Incident Number: nAPP2513327698
Unit P, Section 13, T 18S, R 31E
Eddy County, New Mexico

FIGURE

1

Legend

- Delineation Soil Sample in Compliance with Closure Criteria
- Delineation Soil Sample with Concentrations Previously Exceeding Closure Criteria
- Infrastructure
- Release Extent



Notes:
 Sample ID @ Depth Below Ground Surface.
 Samples in bold indicate sample exceeded applicable Closure Criteria.
 Grey text indicate soil sample has been excavated.

0 5 10 20
 Feet

Sources: Environmental Systems Research Institute (ESRI)



Delineation Soil Sample Locations

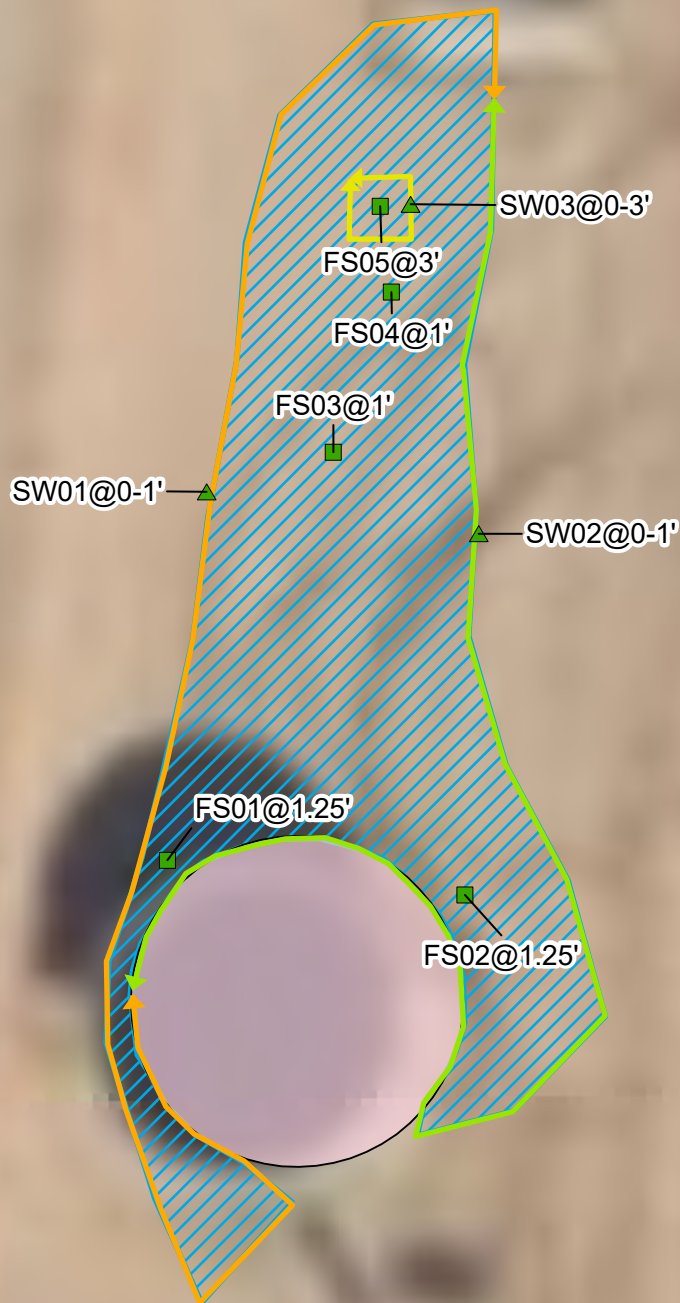
Matador Production Company
 South Taylor 13 Federal 001
 Incident Number: nAPP2513327698
 Unit P, Section 13, T 18S, R 31E
 Eddy County, New Mexico

FIGURE

2

Legend

- Excavation Floor Sample in Compliance with Closure Criteria
- ▲ Excavation Sidewall Sample in Compliance with Closure Criteria
- ↔ SW01 Extent
- ↔ SW02 Extent
- ↔ SW03 Extent
- ▨ Excavation Extent
- Infrastructure



Notes:
Sample ID @ Depth Below Ground Surface.

0 5 10 20
Feet

Sources: Environmental Systems Research Institute (ESRI)



Excavation Soil Sample Locations

Matador Production Company
South Taylor 13 Federal 001
Incident Number: nAPP2513327698
Unit P, Section 13, T 18S, R 31E
Eddy County, New Mexico

FIGURE

3



TABLES



TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
 South Taylor 13 Federal 001
 Matador Production Company
 Eddy County, New Mexico

Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	NE	100	600
Delineation Soil Samples										
SS01	8/1/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS02	8/1/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS03	8/1/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS04	8/1/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH01	5/20/2025	0	<0.0250	2.87	<20.0	16,700	7,560	16,700	24,260	2,730
BH01	5/20/2025	1	<0.0250	0.0887	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH01	5/20/2025	2	<0.0250	0.0864	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH02	5/20/2025	0	0.530	25.3	141	57,900	26,300	58,041	84,341	5,620
BH02	5/20/2025	1	<0.0250	<0.0500	<20.0	79.7	135.0	79.7	215	<20.0
BH02	5/20/2025	2	<0.0250	0.110	<20.0	107	159.0	107	266	<20.0
BH02	5/20/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0

Notes:

bgs: below ground surface

mg/kg: milligrams per kilogram

NMOCD: New Mexico Oil Conservation Division

NMAC: New Mexico Administrative Code

Grey text represents samples that have been excavated

<: Laboratory Analytical result is less than reporting limit

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

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

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

TABLE 2
SOIL SAMPLE ANALYTICAL RESULTS
 South Taylor 13 Federal 001
 Matador Production Company
 Eddy County, New Mexico

Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	NE	100	600
Excavation Floor Soil Samples										
FS01	7/17/2025	1.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS02	7/17/2025	1.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS03	7/16/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS04	7/16/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS05	7/17/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
Sidewall Soil Samples										
SW01	7/16/2025	0-1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SW02	7/16/2025	0-1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SW03	7/17/2025	0-3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0

Notes:

bgs: below ground surface

mg/kg: milligrams per kilogram

NMOCD: New Mexico Oil Conservation Division

NMAC: New Mexico Administrative Code

Grey text represents samples that have been excavated

<": Laboratory Analytical result is less than reporting limit

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

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

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes



APPENDIX A

Well Log and Record



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER
www.ose.state.nm.us

POD Renumbered

From: L-15415To: CP-2015-POD1

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) POD 1		WELL TAG ID NO.		OSE FILE NO(S) L-15415		
	WELL OWNER NAME(S) Frontier Field Services				PHONE (OPTIONAL)		
	WELL OWNER MAILING ADDRESS 47 Conoco Rd				CITY Maljamar	STATE NM	
					ZIP 88264		
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE 32	MINUTES 41	SECONDS 0.24	N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND	
	LONGITUDE 103	47	44.24	W	* DATUM REQUIRED: WGS 84		
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE Unit Letter "M", Section 5, T19S, R32E							
2. DRILLING & CASING INFORMATION	LICENSE NO. 1755		NAME OF LICENSED DRILLER John Norris			NAME OF WELL DRILLING COMPANY Hungry Horse, LLC	
	DRILLING STARTED 12/9/2022		DRILLING ENDED 12/9/2022		DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT) 55	DEPTH WATER FIRST ENCOUNTERED (FT) NA
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN *add Centralizer info below <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED)					STATIC WATER LEVEL IN COMPLETED WELL (FT) NA	DATE STATIC MEASURED NA
	DRILLING FLUID: <input checked="" type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES - SPECIFY:						
	DRILLING METHOD: <input checked="" type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input type="checkbox"/> OTHER - SPECIFY:					CHECK HERE IF PITLESS ADAPTER IS INSTALLED <input type="checkbox"/>	
	DEPTH (feet bgl) FROM TO		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)
				No Casing			
3. ANNULAR MATERIAL	DEPTH (feet bgl) FROM TO		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL *(if using Centralizers for Artesian wells- indicate the spacing below)	AMOUNT (cubic feet)	METHOD OF PLACEMENT	
	0 10		6	Bentonite Chips	1.96	temic	
	10 55		6	Native Soil	8.84	shovel	

OSE DTI JAN 3 2023 4:17


FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 09/22/2022)

FILE NO. <u>L-15415</u>	POD NO. <u>1</u>	TRN NO. <u>765483</u>
LOCATION <u>19S. 32E. 05 333</u>	WELL TAG ID NO. <u>NH</u>	PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL	DEPTH (feet bgl)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER- BEARING ZONES (gpm)
	FROM	TO				
	0	15	15	Red Sand	Y ✓ N	
	15	20	5	Caliche	Y ✓ N	
	20	30	10	Sand and Gravel	Y ✓ N	
	30	50	20	Sand	Y ✓ N	
	50	55	5	Grey Clay	Y ✓ N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
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					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: <input type="checkbox"/> PUMP <input type="checkbox"/> AIR LIFT <input type="checkbox"/> BAILER <input checked="" type="checkbox"/> OTHER - SPECIFY: Not tested					TOTAL ESTIMATED WELL YIELD (gpm): 0.00	

5. TEST; RIG SUPERVISION	WELL TEST	TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.
		MISCELLANEOUS INFORMATION: The borehole was drilled according to NMOCD request as no water wells exist within a half-mile radius of a release site. As per NMOCD, drill a 55' borehole, wait 72 hours, then gauge for presence of water. No water was present so borehole was plugged per approved plugging plan. <div style="text-align: right;">USE DTI JAN 3 2023 AM 3:17</div>
	PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: Dean Parent	


6. SIGNATURE	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:	
	 SIGNATURE OF DRILLER / PRINT SIGNEE NAME	John Norris DATE: 12/27/2022


FOR USE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 09/22/2022)	
FILE NO. L-15415	POD NO. 1	TRN NO. 765483	
LOCATION 19.32E.05 3 3 3	WELL TAG ID NO. NA	PAGE 2 OF 2	



APPENDIX B

Lithologic Soil Sampling Logs

 ENSOLUM		Sample Name: BH01		Date: 05/20/2025				
		Site Name: South Taylor 13 Federal #001						
		Incident Number: nAPP2513327698						
		Job Number: 03A2270100						
LITHOLOGIC / SOIL SAMPLING LOG								
Coordinates:			Logged By: H.Gonzalez		Method: Auger			
			Hole Diameter: 3"		Total Depth: 3'			
Comments: Field screening conducted with HACH Chloride Test Strips and PetroFlag for chloride and TPH, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. No correction factors included.								
Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
M	ND	15	Y	BH01	0	0	SW-SC	Well graded sand with trace amounts of gravel and clay, heavily stained, strong odor, black.
			N	BH01	1	1		Clayey sand, well graded, cohesive, non plastic, no staining, no odor, light tan.
				BH01	2	2		
				BH01	3	3		
Total Depth @ 3 feet bgs.								

 ENSOLUM		Sample Name: BH02		Date: 05/20/2025				
		Site Name: South Taylor 13 Federal #001						
		Incident Number: nAPP2513327698						
		Job Number: 03A2270100						
LITHOLOGIC / SOIL SAMPLING LOG								
Coordinates:			Logged By: H.Gonzalez		Method: Auger			
			Hole Diameter: 3"		Total Depth: 3'			
Comments: Field screening conducted with HACH Chloride Test Strips and PetroFlag for chloride and TPH, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. No correction factors included.								
Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
M	ND	706	Y	BH02	0	0	SW-SC	Well graded sand with trace amounts of gravel and clay, heavily stained, strong odor, black.
			N	BH02	1	1		Clayey sand, well graded, cohesive, non plastic, no staining, no odor, light tan.
				BH02	2	2		
				BH02	3	3		
Total Depth @ 3 feet bgs.								



APPENDIX C

Photographic Log



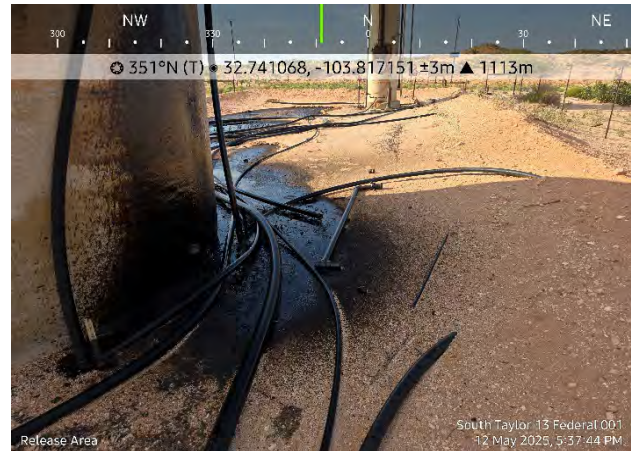
Photographic Log

Matador Production Company
South Taylor 13 Federal 001
nAPP2513327698



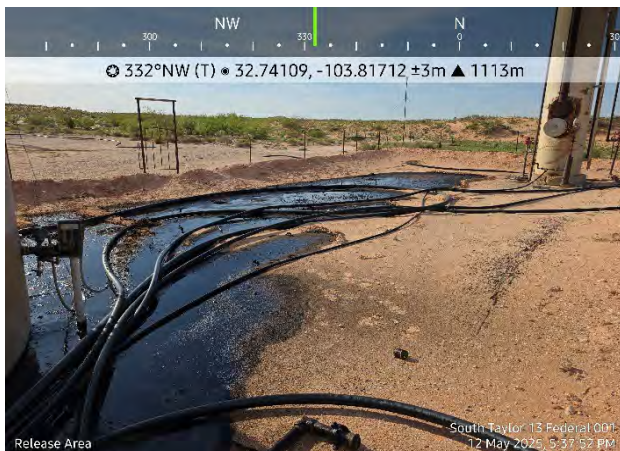
Photograph 1
Description: Lease Sign
View: East

Date: 5/19/2025



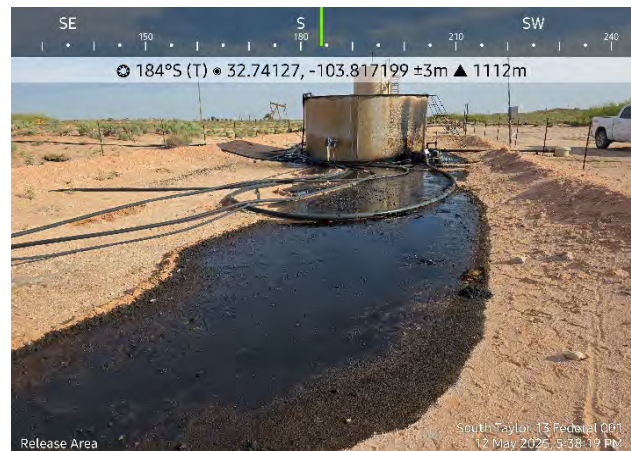
Photograph 2
Description: Release Extent
View: North

Date: 5/12/2025



Photograph 3
Description: Release Extent
View: Northwest

Date: 5/12/2025



Photograph 4
Description: Release Extent
View: South

Date: 5/12/2025

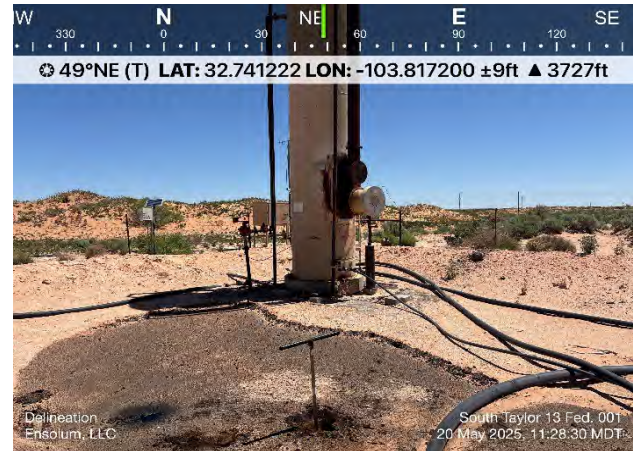


Photographic Log

Matador Production Company
South Taylor 13 Federal 001
nAPP2513327698



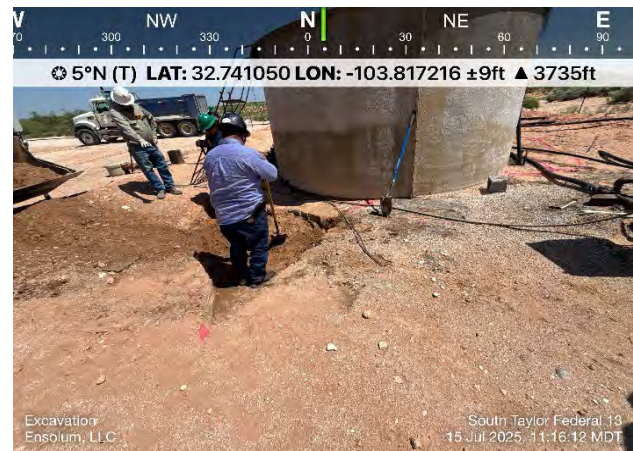
Photograph 5 Date: 5/20/2025
Description: Delineation (BH01)
View: Northeast



Photograph 6 Date: 5/20/2025
Description: Delineation (BH02)
View: Northeast



Photograph 7 Date: 7/15/2025
Description: Excavation Area
View: Southwest



Photograph 8 Date: 7/15/2025
Description: Excavation Activities
View: North



Photographic Log

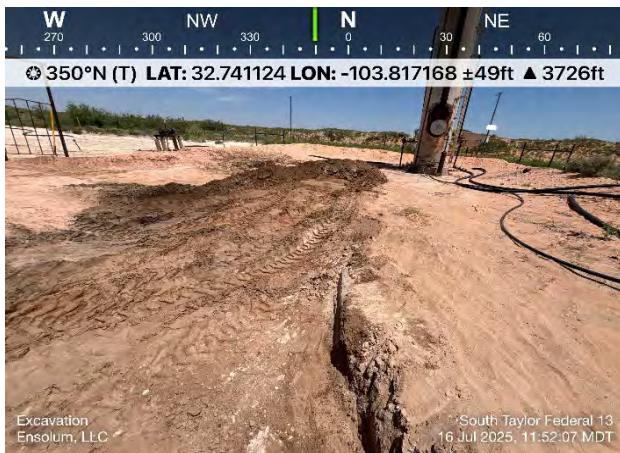
Matador Production Company
South Taylor 13 Federal 001
nAPP2513327698



Photograph 9 Date: 7/16/2025
Description: Excavation Activities
View: North



Photograph 10 Date: 7/16/2025
Description: Excavation Activities
View: Southeast



Photograph 11 Date: 7/16/2025
Description: Excavation Activities
View: North



Photograph 12 Date: 7/16/2025
Description: Excavation Activities
View: East



Photographic Log

Matador Production Company
South Taylor 13 Federal 001
nAPP2513327698



Photograph 13
Description: FS05
View: Northeast

Date: 7/17/2025



Photograph 14
Description: FS05
View: Southeast

Date: 7/17/2025



Photograph 15
Description: SS04
View: Northeast

Date: 8/1/2025



Photograph 16
Description: SS03
View: Northwest

Date: 8/1/2025

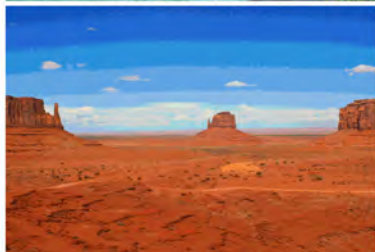


APPENDIX D

Laboratory Analytical Reports & Chain-of-Custody Documentation

Report to:

Ashley Giovengo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Matador Resources, LLC.

Project Name: South Taylor 13 Federal 001

Work Order: E505248

Job Number: 23003-0002

Received: 5/22/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
5/29/25

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: 5/29/25

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



Project Name: South Taylor 13 Federal 001
Workorder: E505248
Date Received: 5/22/2025 6:45:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/22/2025 6:45:00AM, under the Project Name: South Taylor 13 Federal 001.

The analytical test results summarized in this report with the Project Name: South Taylor 13 Federal 001 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
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Sample Summary

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: South Taylor 13 Federal 001 Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 05/29/25 10:48
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH01-0'	E505248-01A	Soil	05/20/25	05/22/25	Glass Jar, 2 oz.
BH01-1'	E505248-02A	Soil	05/20/25	05/22/25	Glass Jar, 2 oz.
BH01-2'	E505248-03A	Soil	05/20/25	05/22/25	Glass Jar, 2 oz.
BH02-0'	E505248-04A	Soil	05/20/25	05/22/25	Glass Jar, 2 oz.
BH02-1'	E505248-05A	Soil	05/20/25	05/22/25	Glass Jar, 2 oz.
BH02-2'	E505248-06A	Soil	05/20/25	05/22/25	Glass Jar, 2 oz.
BH02-3'	E505248-07A	Soil	05/20/25	05/22/25	Glass Jar, 2 oz.



Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: South Taylor 13 Federal 001 Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 5/29/2025 10:48:29AM
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BH01-0'

E505248-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2521114	
Benzene	ND	0.0500	2	05/22/25	05/24/25	
Ethylbenzene	1.84	0.0500	2	05/22/25	05/24/25	
Toluene	0.186	0.0500	2	05/22/25	05/24/25	
o-Xylene	0.445	0.0500	2	05/22/25	05/24/25	
p,m-Xylene	0.404	0.100	2	05/22/25	05/24/25	
Total Xylenes	0.849	0.0500	2	05/22/25	05/24/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	<i>94.0 %</i>	<i>70-130</i>		<i>05/22/25</i>	<i>05/24/25</i>	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2521114	
Gasoline Range Organics (C6-C10)	ND	40.0	2	05/22/25	05/24/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	<i>94.2 %</i>	<i>70-130</i>		<i>05/22/25</i>	<i>05/24/25</i>	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM		Batch: 2522007	
Diesel Range Organics (C10-C28)	16700	125	5	05/27/25	05/27/25	
Oil Range Organics (C28-C36)	7560	250	5	05/27/25	05/27/25	
<i>Surrogate: n-Nonane</i>	<i>131 %</i>	<i>61-141</i>		<i>05/27/25</i>	<i>05/27/25</i>	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2521137	
Chloride	2730	40.0	2	05/23/25	05/24/25	



Sample Data

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

Project Name: South Taylor 13 Federal 001
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
5/29/2025 10:48:29AM

BH01-1'

E505248-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2521114	
Benzene	ND	0.0250	1	05/22/25	05/24/25	
Ethylbenzene	ND	0.0250	1	05/22/25	05/24/25	
Toluene	ND	0.0250	1	05/22/25	05/24/25	
o-Xylene	0.0309	0.0250	1	05/22/25	05/24/25	
p,m-Xylene	0.0578	0.0500	1	05/22/25	05/24/25	
Total Xylenes	0.0887	0.0250	1	05/22/25	05/24/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	<i>92.2 %</i>	<i>70-130</i>		<i>05/22/25</i>	<i>05/24/25</i>	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2521114	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/22/25	05/24/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	<i>95.5 %</i>	<i>70-130</i>		<i>05/22/25</i>	<i>05/24/25</i>	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM		Batch: 2522007	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/27/25	05/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/27/25	05/28/25	
<i>Surrogate: n-Nonane</i>	<i>114 %</i>	<i>61-141</i>		<i>05/27/25</i>	<i>05/28/25</i>	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2521137	
Chloride	ND	20.0	1	05/23/25	05/24/25	



Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: South Taylor 13 Federal 001 Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 5/29/2025 10:48:29AM
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BH01-2'

E505248-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2521114	
Benzene	ND	0.0250	1	05/22/25	05/24/25	
Ethylbenzene	ND	0.0250	1	05/22/25	05/24/25	
Toluene	ND	0.0250	1	05/22/25	05/24/25	
o-Xylene	0.0327	0.0250	1	05/22/25	05/24/25	
p,m-Xylene	0.0538	0.0500	1	05/22/25	05/24/25	
Total Xylenes	0.0864	0.0250	1	05/22/25	05/24/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	87.9 %	70-130		05/22/25	05/24/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2521114	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/22/25	05/24/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	95.1 %	70-130		05/22/25	05/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM		Batch: 2522007	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/27/25	05/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/27/25	05/28/25	
<i>Surrogate: n-Nonane</i>	112 %	61-141		05/27/25	05/28/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2521137	
Chloride	ND	20.0	1	05/23/25	05/24/25	



Sample Data

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

Project Name: South Taylor 13 Federal 001
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
5/29/2025 10:48:29AM

BH02-0'

E505248-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2521114	
Benzene	0.530	0.125	5	05/22/25	05/24/25	
Ethylbenzene	15.5	0.125	5	05/22/25	05/24/25	
Toluene	3.65	0.125	5	05/22/25	05/24/25	
o-Xylene	2.44	0.125	5	05/22/25	05/24/25	
p,m-Xylene	3.18	0.250	5	05/22/25	05/24/25	
Total Xylenes	5.62	0.125	5	05/22/25	05/24/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.6 %	70-130		05/22/25	05/24/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2521114	
Gasoline Range Organics (C6-C10)	141	100	5	05/22/25	05/24/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.7 %	70-130		05/22/25	05/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: HM		Batch: 2522007	
Diesel Range Organics (C10-C28)	57900	500	20	05/27/25	05/28/25	
Oil Range Organics (C28-C36)	26300	1000	20	05/27/25	05/28/25	
<i>Surrogate: n-Nonane</i>						
	165 %	61-141		05/27/25	05/28/25	SS
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2521137	
Chloride	5620	40.0	2	05/23/25	05/24/25	



Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: South Taylor 13 Federal 001 Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 5/29/2025 10:48:29AM
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BH02-1'

E505248-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2521114	
Benzene	ND	0.0250	1	05/22/25	05/24/25	
Ethylbenzene	ND	0.0250	1	05/22/25	05/24/25	
Toluene	ND	0.0250	1	05/22/25	05/24/25	
o-Xylene	ND	0.0250	1	05/22/25	05/24/25	
p,m-Xylene	ND	0.0500	1	05/22/25	05/24/25	
Total Xylenes	ND	0.0250	1	05/22/25	05/24/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	89.0 %	70-130		05/22/25	05/24/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2521114	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/22/25	05/24/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	95.1 %	70-130		05/22/25	05/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM		Batch: 2522007	
Diesel Range Organics (C10-C28)	79.7	25.0	1	05/27/25	05/28/25	
Oil Range Organics (C28-C36)	135	50.0	1	05/27/25	05/28/25	
<i>Surrogate: n-Nonane</i>	132 %	61-141		05/27/25	05/28/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2521137	
Chloride	ND	20.0	1	05/23/25	05/24/25	



Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: South Taylor 13 Federal 001 Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 5/29/2025 10:48:29AM
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BH02-2'

E505248-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2521114	
Benzene	ND	0.0250	1	05/22/25	05/24/25	
Ethylbenzene	ND	0.0250	1	05/22/25	05/24/25	
Toluene	ND	0.0250	1	05/22/25	05/24/25	
o-Xylene	0.0591	0.0250	1	05/22/25	05/24/25	
p,m-Xylene	0.0513	0.0500	1	05/22/25	05/24/25	
Total Xylenes	0.110	0.0250	1	05/22/25	05/24/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	85.5 %	70-130		05/22/25	05/24/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2521114	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/22/25	05/24/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	95.1 %	70-130		05/22/25	05/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM		Batch: 2522007	
Diesel Range Organics (C10-C28)	107	25.0	1	05/27/25	05/28/25	
Oil Range Organics (C28-C36)	159	50.0	1	05/27/25	05/28/25	
<i>Surrogate: n-Nonane</i>	132 %	61-141		05/27/25	05/28/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2521137	
Chloride	ND	20.0	1	05/23/25	05/24/25	



Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: South Taylor 13 Federal 001 Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 5/29/2025 10:48:29AM
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BH02-3'

E505248-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2521114	
Benzene	ND	0.0250	1	05/22/25	05/24/25	
Ethylbenzene	ND	0.0250	1	05/22/25	05/24/25	
Toluene	ND	0.0250	1	05/22/25	05/24/25	
o-Xylene	ND	0.0250	1	05/22/25	05/24/25	
p,m-Xylene	ND	0.0500	1	05/22/25	05/24/25	
Total Xylenes	ND	0.0250	1	05/22/25	05/24/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	87.3 %	70-130		05/22/25	05/24/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2521114	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/22/25	05/24/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	97.7 %	70-130		05/22/25	05/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM		Batch: 2522007	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/27/25	05/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/27/25	05/28/25	
<i>Surrogate: n-Nonane</i>	113 %	61-141		05/27/25	05/28/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2521137	
Chloride	ND	20.0	1	05/23/25	05/24/25	



QC Summary Data

Matador Resources, LLC.	Project Name:	South Taylor 13 Federal 001	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	5/29/2025 10:48:29AM

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 (2521114-BLK1)Prepared: 05/22/25 Analyzed: 05/24/25

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	6.99		8.00		87.4	70-130			

LCS (2521114-BS1)Prepared: 05/22/25 Analyzed: 05/24/25

Benzene	4.30	0.0250	5.00		86.1	70-130			
Ethylbenzene	4.40	0.0250	5.00		88.0	70-130			
Toluene	4.41	0.0250	5.00		88.2	70-130			
o-Xylene	4.36	0.0250	5.00		87.2	70-130			
p,m-Xylene	8.93	0.0500	10.0		89.3	70-130			
Total Xylenes	13.3	0.0250	15.0		88.6	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.13		8.00		89.2	70-130			

Matrix Spike (2521114-MS1)Source: E505247-07Prepared: 05/22/25 Analyzed: 05/24/25

Benzene	5.55	0.0250	5.00	ND	111	70-130			
Ethylbenzene	5.63	0.0250	5.00	ND	113	70-130			
Toluene	5.67	0.0250	5.00	ND	113	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	7.02		8.00		87.8	70-130			

Matrix Spike Dup (2521114-MSD1)Source: E505247-07Prepared: 05/22/25 Analyzed: 05/24/25

Benzene	5.21	0.0250	5.00	ND	104	70-130	6.28	27	
Ethylbenzene	5.35	0.0250	5.00	ND	107	70-130	5.26	26	
Toluene	5.34	0.0250	5.00	ND	107	70-130	5.95	20	
o-Xylene	5.29	0.0250	5.00	ND	106	70-130	5.53	25	
p,m-Xylene	10.8	0.0500	10.0	ND	108	70-130	4.84	23	
Total Xylenes	16.1	0.0250	15.0	ND	107	70-130	5.07	26	
Surrogate: 4-Bromochlorobenzene-PID	7.05		8.00		88.1	70-130			



QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: South Taylor 13 Federal 001 Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 5/29/2025 10:48:29AM
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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 (2521114-BLK1)

Prepared: 05/22/25 Analyzed: 05/24/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.75		8.00		96.9	70-130			

LCS (2521114-BS2)

Prepared: 05/22/25 Analyzed: 05/27/25

Gasoline Range Organics (C6-C10)	48.5	20.0	50.0		97.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.90		8.00		98.7	70-130			

Matrix Spike (2521114-MS2)

Source: E505247-07

Prepared: 05/22/25 Analyzed: 05/24/25

Gasoline Range Organics (C6-C10)	46.7	20.0	50.0	ND	93.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.83		8.00		97.9	70-130			

Matrix Spike Dup (2521114-MSD2)

Source: E505247-07

Prepared: 05/22/25 Analyzed: 05/24/25

Gasoline Range Organics (C6-C10)	42.9	20.0	50.0	ND	85.8	70-130	8.62	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.75		8.00		96.9	70-130			



QC Summary Data

Matador Resources, LLC.	Project Name:	South Taylor 13 Federal 001	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	5/29/2025 10:48:29AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: HM

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 (2522007-BLK1)					Prepared: 05/27/25 Analyzed: 05/27/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	56.5		50.0		113	61-141			

LCS (2522007-BS1)					Prepared: 05/27/25 Analyzed: 05/27/25				
Diesel Range Organics (C10-C28)	286	25.0	250		114	66-144			
Surrogate: n-Nonane	55.2		50.0		110	61-141			

Matrix Spike (2522007-MS1)					Source: E505259-22		Prepared: 05/27/25 Analyzed: 05/27/25		
Diesel Range Organics (C10-C28)	297	25.0	250	ND	119	56-156			
Surrogate: n-Nonane	55.6		50.0		111	61-141			

Matrix Spike Dup (2522007-MSD1)					Source: E505259-22		Prepared: 05/27/25 Analyzed: 05/27/25		
Diesel Range Organics (C10-C28)	291	25.0	250	ND	116	56-156	2.11	20	
Surrogate: n-Nonane	55.0		50.0		110	61-141			



QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: South Taylor 13 Federal 001 Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 5/29/2025 10:48:29AM
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Anions by EPA 300.0/9056A

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 (2521137-BLK1)						Prepared: 05/23/25 Analyzed: 05/23/25			
Chloride	ND	20.0							
LCS (2521137-BS1)						Prepared: 05/23/25 Analyzed: 05/23/25			
Chloride	259	20.0	250		103	90-110			
Matrix Spike (2521137-MS1)				Source: E505247-03		Prepared: 05/23/25 Analyzed: 05/23/25			
Chloride	272	20.0	250	ND	109	80-120			
Matrix Spike Dup (2521137-MSD1)				Source: E505247-03		Prepared: 05/23/25 Analyzed: 05/23/25			
Chloride	273	20.0	250	ND	109	80-120	0.341	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:	South Taylor 13 Federal 001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	05/29/25 10:48

- S5 Surrogate spike recovery exceeded acceptance limits due to interfering target and/or non-target analytes.
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.

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

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



Client Information				Invoice Information		Lab Use Only		TAT		State			
Client: Matador Production Company				Company: Ensolum LLC		Lab WO#		1D 2D 3D Std		NM CO UT TX			
Project Name: South Taylor 13 Federal 001				Address: 3122 National Parks Hwy		E505248		Job Number		23003-0002			
Project Manager: Ashley Giovengo				City, State, Zip: Carlsbad NM, 88220						X			
Address: 3122 National Parks Hwy				Phone: 575-988-0055									
City, State, Zip: Carlsbad NM, 88220				Email: agiovengo@ensolum.com									
Phone: 575-988-0055				Miscellaneous:									
Email: agiovengo@ensolum.com													

Sample Information						Analysis and Method										EPA Program		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	SGDOC - NM	SGDOC - TX	SDWA	CWA	RCRA
0938	05/20/2025	S	1	BH01 - 0'		1								X				
0950	05/20/2025	S	1	BH01 - 1'		2								X				
0953	05/20/2025	S	1	BH01 - 2'		3								X				
0940	05/20/2025	S	1	BH02 - 0'		4								X				
1055	05/20/2025	S	1	BH02 - 1'		5								X				
1056	05/20/2025	S	1	BH02 - 2'		6								X				
1059	05/20/2025	S	1	BH02 3'		7								X				

Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com

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

Sampled by: Higinio Gonzalez, Jarad McCauley

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: (X) N
	05-21-25		Michelle Gonzalez	5-21-25	0815	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
	5-21-25	1615		5-21-25	1645	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
	5-21-25	2300	Carla Man	5-20-25	1645	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	

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

Envirotech Analytical Laboratory

Printed: 5/22/2025 7:42:27AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Matador Resources, LLC.	Date Received:	05/22/25 06:45	Work Order ID:	E505248
Phone:	(972) 371-5200	Date Logged In:	05/21/25 14:37	Logged In By:	Caitlin Mars
Email:	agiovento@ensolum.com	Due Date:	05/29/25 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? Yes
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/ResolutionSample 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? Yes

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab 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.

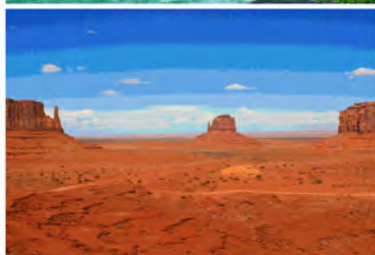
Date



envirotech Inc.

Report to:

Ashley Giovengo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Matador Resources, LLC.

Project Name: South Taylor 13 Federal 001

Work Order: E507211

Job Number: 23003-0002

Received: 7/18/2025

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/28/25

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.
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Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.

Date Reported: 7/28/25

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



Project Name: South Taylor 13 Federal 001
Workorder: E507211
Date Received: 7/18/2025 7:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/18/2025 7:30:00AM, under the Project Name: South Taylor 13 Federal 001.

The analytical test results summarized in this report with the Project Name: South Taylor 13 Federal 001 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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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: South Taylor 13 Federal 001 Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 07/28/25 10:34
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS03 - 1'	E507211-01A	Soil	07/16/25	07/18/25	Glass Jar, 2 oz.
FS04 - 1'	E507211-02A	Soil	07/16/25	07/18/25	Glass Jar, 2 oz.
SW01 - 0-1'	E507211-03A	Soil	07/16/25	07/18/25	Glass Jar, 2 oz.
SW02 - 0-1'	E507211-04A	Soil	07/16/25	07/18/25	Glass Jar, 2 oz.
FS01 - 1.25'	E507211-05A	Soil	07/17/25	07/18/25	Glass Jar, 2 oz.
FS02 - 1.25'	E507211-06A	Soil	07/17/25	07/18/25	Glass Jar, 2 oz.
FS05 - 3'	E507211-07A	Soil	07/17/25	07/18/25	Glass Jar, 2 oz.
SW03 - 0-3'	E507211-08A	Soil	07/17/25	07/18/25	Glass Jar, 2 oz.



Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: South Taylor 13 Federal 001 Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 7/28/2025 10:34:33AM
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FS03 - 1'

E507211-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2530035	
Benzene	ND	0.0250	1	07/21/25	07/24/25	
Ethylbenzene	ND	0.0250	1	07/21/25	07/24/25	
Toluene	ND	0.0250	1	07/21/25	07/24/25	
o-Xylene	ND	0.0250	1	07/21/25	07/24/25	
p,m-Xylene	ND	0.0500	1	07/21/25	07/24/25	
Total Xylenes	ND	0.0250	1	07/21/25	07/24/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	85.8 %	70-130		07/21/25	07/24/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2530035	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/21/25	07/24/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	86.3 %	70-130		07/21/25	07/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2530093	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/24/25	
<i>Surrogate: n-Nonane</i>	102 %	61-141		07/23/25	07/24/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2530100	
Chloride	ND	20.0	1	07/23/25	07/24/25	



Sample Data

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

Project Name: South Taylor 13 Federal 001
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
7/28/2025 10:34:33AM

FS04 - 1'

E507211-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2530035	
Benzene	ND	0.0250	1	07/21/25	07/24/25	
Ethylbenzene	ND	0.0250	1	07/21/25	07/24/25	
Toluene	ND	0.0250	1	07/21/25	07/24/25	
o-Xylene	ND	0.0250	1	07/21/25	07/24/25	
p,m-Xylene	ND	0.0500	1	07/21/25	07/24/25	
Total Xylenes	ND	0.0250	1	07/21/25	07/24/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	86.8 %	70-130		07/21/25	07/24/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2530035	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/21/25	07/24/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	86.4 %	70-130		07/21/25	07/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2530093	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/24/25	
<i>Surrogate: n-Nonane</i>	101 %	61-141		07/23/25	07/24/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2530100	
Chloride	ND	20.0	1	07/23/25	07/24/25	



Sample Data

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

Project Name: South Taylor 13 Federal 001
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
7/28/2025 10:34:33AM

SW01 - 0-1'

E507211-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2530035
Benzene	ND	0.0250	1	07/21/25	07/24/25	
Ethylbenzene	ND	0.0250	1	07/21/25	07/24/25	
Toluene	ND	0.0250	1	07/21/25	07/24/25	
o-Xylene	ND	0.0250	1	07/21/25	07/24/25	
p,m-Xylene	ND	0.0500	1	07/21/25	07/24/25	
Total Xylenes	ND	0.0250	1	07/21/25	07/24/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	87.5 %	70-130		07/21/25	07/24/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2530035
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/21/25	07/24/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	85.7 %	70-130		07/21/25	07/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2530093
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/24/25	
<i>Surrogate: n-Nonane</i>						
	101 %	61-141		07/23/25	07/24/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2530100
Chloride	ND	20.0	1	07/23/25	07/24/25	



Sample Data

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

Project Name: South Taylor 13 Federal 001
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
7/28/2025 10:34:33AM

SW02 - 0-1'

E507211-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2530035	
Benzene	ND	0.0250	1	07/21/25	07/24/25	
Ethylbenzene	ND	0.0250	1	07/21/25	07/24/25	
Toluene	ND	0.0250	1	07/21/25	07/24/25	
o-Xylene	ND	0.0250	1	07/21/25	07/24/25	
p,m-Xylene	ND	0.0500	1	07/21/25	07/24/25	
Total Xylenes	ND	0.0250	1	07/21/25	07/24/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	88.4 %	70-130		07/21/25	07/24/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2530035	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/21/25	07/24/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	85.2 %	70-130		07/21/25	07/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2530093	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/24/25	
<i>Surrogate: n-Nonane</i>	102 %	61-141		07/23/25	07/24/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2530100	
Chloride	ND	20.0	1	07/23/25	07/24/25	



Sample Data

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

Project Name: South Taylor 13 Federal 001
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
7/28/2025 10:34:33AM

FS01 - 1.25'

E507211-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2530035	
Benzene	ND	0.0250	1	07/21/25	07/24/25	
Ethylbenzene	ND	0.0250	1	07/21/25	07/24/25	
Toluene	ND	0.0250	1	07/21/25	07/24/25	
o-Xylene	ND	0.0250	1	07/21/25	07/24/25	
p,m-Xylene	ND	0.0500	1	07/21/25	07/24/25	
Total Xylenes	ND	0.0250	1	07/21/25	07/24/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	87.3 %	70-130		07/21/25	07/24/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2530035	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/21/25	07/24/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	84.9 %	70-130		07/21/25	07/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2530093	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/24/25	
<i>Surrogate: n-Nonane</i>	104 %	61-141		07/23/25	07/24/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2530100	
Chloride	ND	20.0	1	07/23/25	07/24/25	



Sample Data

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

Project Name: South Taylor 13 Federal 001
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
7/28/2025 10:34:33AM

FS02 - 1.25'

E507211-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2530035	
Benzene	ND	0.0250	1	07/21/25	07/24/25	
Ethylbenzene	ND	0.0250	1	07/21/25	07/24/25	
Toluene	ND	0.0250	1	07/21/25	07/24/25	
o-Xylene	ND	0.0250	1	07/21/25	07/24/25	
p,m-Xylene	ND	0.0500	1	07/21/25	07/24/25	
Total Xylenes	ND	0.0250	1	07/21/25	07/24/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	81.5 %	70-130		07/21/25	07/24/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2530035	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/21/25	07/24/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	83.9 %	70-130		07/21/25	07/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2530093	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/24/25	
<i>Surrogate: n-Nonane</i>	102 %	61-141		07/23/25	07/24/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2530100	
Chloride	ND	20.0	1	07/23/25	07/24/25	



Sample Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: South Taylor 13 Federal 001 Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 7/28/2025 10:34:33AM
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FS05 - 3'

E507211-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2530035	
Benzene	ND	0.0250	1	07/21/25	07/24/25	
Ethylbenzene	ND	0.0250	1	07/21/25	07/24/25	
Toluene	ND	0.0250	1	07/21/25	07/24/25	
o-Xylene	ND	0.0250	1	07/21/25	07/24/25	
p,m-Xylene	ND	0.0500	1	07/21/25	07/24/25	
Total Xylenes	ND	0.0250	1	07/21/25	07/24/25	
Surrogate: 4-Bromochlorobenzene-PID	85.2 %	70-130		07/21/25	07/24/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2530035	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/21/25	07/24/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID	86.5 %	70-130		07/21/25	07/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2530093	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/24/25	
Surrogate: n-Nonane	101 %	61-141		07/23/25	07/24/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2530100	
Chloride	ND	20.0	1	07/23/25	07/24/25	



Sample Data

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

Project Name: South Taylor 13 Federal 001
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
7/28/2025 10:34:33AM

SW03 - 0-3'

E507211-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2530035
Benzene	ND	0.0250	1	07/21/25	07/24/25	
Ethylbenzene	ND	0.0250	1	07/21/25	07/24/25	
Toluene	ND	0.0250	1	07/21/25	07/24/25	
o-Xylene	ND	0.0250	1	07/21/25	07/24/25	
p,m-Xylene	ND	0.0500	1	07/21/25	07/24/25	
Total Xylenes	ND	0.0250	1	07/21/25	07/24/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	84.7 %	70-130		07/21/25	07/24/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2530035
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/21/25	07/24/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	84.0 %	70-130		07/21/25	07/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2530093
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/24/25	
<i>Surrogate: n-Nonane</i>						
	102 %	61-141		07/23/25	07/24/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2530100
Chloride	ND	20.0	1	07/23/25	07/24/25	



QC Summary Data

Matador Resources, LLC.	Project Name:	South Taylor 13 Federal 001	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/28/2025 10:34:33AM

Volatile Organics by EPA 8021B

Analyst: RKS

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

Blank (2530035-BLK1)

Prepared: 07/21/25 Analyzed: 07/24/25

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	6.68		8.00		83.5	70-130			

LCS (2530035-BS1)

Prepared: 07/21/25 Analyzed: 07/24/25

Benzene	5.00	0.0250	5.00		99.9	70-130			
Ethylbenzene	4.84	0.0250	5.00		96.8	70-130			
Toluene	4.94	0.0250	5.00		98.8	70-130			
o-Xylene	4.79	0.0250	5.00		95.7	70-130			
p,m-Xylene	9.78	0.0500	10.0		97.8	70-130			
Total Xylenes	14.6	0.0250	15.0		97.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	6.83		8.00		85.4	70-130			

Matrix Spike (2530035-MS1)

Source: E507211-07 Prepared: 07/21/25 Analyzed: 07/24/25

Benzene	6.11	0.0250	5.00	ND	122	70-130			
Ethylbenzene	5.91	0.0250	5.00	ND	118	70-130			
Toluene	6.03	0.0250	5.00	ND	121	70-130			
o-Xylene	5.85	0.0250	5.00	ND	117	70-130			
p,m-Xylene	11.9	0.0500	10.0	ND	119	70-130			
Total Xylenes	17.7	0.0250	15.0	ND	118	70-130			
Surrogate: 4-Bromochlorobenzene-PID	6.83		8.00		85.4	70-130			

Matrix Spike Dup (2530035-MSD1)

Source: E507211-07 Prepared: 07/21/25 Analyzed: 07/24/25

Benzene	5.79	0.0250	5.00	ND	116	70-130	5.39	27	
Ethylbenzene	5.62	0.0250	5.00	ND	112	70-130	4.99	26	
Toluene	5.72	0.0250	5.00	ND	114	70-130	5.17	20	
o-Xylene	5.56	0.0250	5.00	ND	111	70-130	5.04	25	
p,m-Xylene	11.3	0.0500	10.0	ND	113	70-130	4.79	23	
Total Xylenes	16.9	0.0250	15.0	ND	112	70-130	4.87	26	
Surrogate: 4-Bromochlorobenzene-PID	6.81		8.00		85.1	70-130			

QC Summary Data

Matador Resources, LLC.	Project Name:	South Taylor 13 Federal 001	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/28/2025 10:34:33AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2530035-BLK1) Prepared: 07/21/25 Analyzed: 07/24/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.90		8.00		86.2	70-130			

LCS (2530035-BS2) Prepared: 07/21/25 Analyzed: 07/25/25

Gasoline Range Organics (C6-C10)	54.0	20.0	50.0		108	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.88		8.00		86.0	70-130			

Matrix Spike (2530035-MS2) Source: E507211-07 Prepared: 07/21/25 Analyzed: 07/24/25

Gasoline Range Organics (C6-C10)	40.3	20.0	50.0	ND	80.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.93		8.00		86.7	70-130			



QC Summary Data

Matador Resources, LLC.	Project Name:	South Taylor 13 Federal 001	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/28/2025 10:34:33AM

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 (2530093-BLK1)					Prepared: 07/23/25 Analyzed: 07/24/25				
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 (2530093-BS1)					Prepared: 07/23/25 Analyzed: 07/24/25				
Diesel Range Organics (C10-C28)	278	25.0	250		111	66-144			
Surrogate: n-Nonane	51.3		50.0		103	61-141			

Matrix Spike (2530093-MS1)					Source: E507212-01		Prepared: 07/23/25 Analyzed: 07/24/25		
Diesel Range Organics (C10-C28)	276	25.0	250	ND	111	56-156			
Surrogate: n-Nonane	51.1		50.0		102	61-141			

Matrix Spike Dup (2530093-MSD1)					Source: E507212-01		Prepared: 07/23/25 Analyzed: 07/24/25		
Diesel Range Organics (C10-C28)	278	25.0	250	ND	111	56-156	0.444	20	
Surrogate: n-Nonane	51.2		50.0		102	61-141			



QC Summary Data

Matador Resources, LLC.	Project Name:	South Taylor 13 Federal 001	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	7/28/2025 10:34:33AM

Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2530100-BLK1)					Prepared: 07/23/25 Analyzed: 07/24/25				
Chloride	ND	20.0							
LCS (2530100-BS1)					Prepared: 07/23/25 Analyzed: 07/24/25				
Chloride	255	20.0	250		102	90-110			
Matrix Spike (2530100-MS1)					Source: E507210-03		Prepared: 07/23/25 Analyzed: 07/24/25		
Chloride	256	20.0	250	ND	102	80-120			
Matrix Spike Dup (2530100-MSD1)					Source: E507210-03		Prepared: 07/23/25 Analyzed: 07/24/25		
Chloride	255	20.0	250	ND	102	80-120	0.0869	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:	South Taylor 13 Federal 001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	07/28/25 10:34

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

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

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



Chain of Custody

Client Information				Invoice Information		Lab Use Only		TAT				State									
Client: Matador				Company: Ensolum LLC		Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX						
Project Name: South Taylor 13 Federal #001				Address: 3122 National Parks Hwy		E507211	23003-002				X	X									
Project Manager: Ashley Giovengo				City, State, Zip: Carlsbad NM, 88220																	
Address: 3122 National Parks Hwy				Phone: 575-988-0055																	
City, State, Zip: Carlsbad NM, 88220				Email: agiovengo@ensolum.com																	
Phone: 575-988-0055				Miscellaneous:																	
Email: agiovengo@ensolum.com																					
Sample Information						Analysis and Method								EPA Program							
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA			
																	Compliance	Y	or	N	
																	PWSID #				
																	Sample Temp			Remarks	
0915	07-16-25	s	1	FS03 - 1'		1								X			2.2				
1215	07-16-25	s	1	FS04 - 1'		2								X			3.3				
0918	07-16-25	s	1	SW01 - 0-1'		3								X			1.3				
0920	07-16-25	s	1	SW02 - 0-1'		4								X			1.5				
0827	07-17-25	s	1	FS01 - 1.25'		5								X			2.2				
0836	07-17-25	s	1	FS02 - 1.25'		6								X			2.7				
0942	07-17-25	s	1	FS05 - 3'		7								X			3.0				
0951	07-17-25	s	1	SW03 - 0-3'		8								X			3.6				
		s	1											X							
		s	1											X							
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com																					
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																					
Sampled by: Higinio Gonzalez																					
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: <u>Y</u> N													
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time														
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time														
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time														
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time														
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time														
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 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																					

Envirotech Analytical Laboratory

Printed: 7/18/2025 9:12:55AM

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:	07/18/25 07:30	Work Order ID:	E507211
Phone:	(972) 371-5200	Date Logged In:	07/17/25 15:45	Logged In By:	Caitlin Mars
Email:	agiovento@ensolum.com	Due Date:	07/25/25 17:00 (5 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? Yes
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/ResolutionSample 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? Yes

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab 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

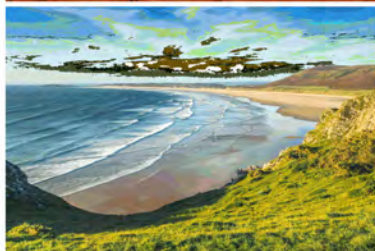
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Ashley Giovengo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Matador Resources, LLC.

Project Name: South Taylor 13 Federal 001

Work Order: E508022

Job Number: 23003-0002

Received: 8/5/2025

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
8/6/25

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: 8/6/25

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



Project Name: South Taylor 13 Federal 001
Workorder: E508022
Date Received: 8/5/2025 6:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/5/2025 6:00:00AM, under the Project Name: South Taylor 13 Federal 001.

The analytical test results summarized in this report with the Project Name: South Taylor 13 Federal 001 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

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Chain of Custody etc.	14

Sample Summary

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: South Taylor 13 Federal 001 Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 08/06/25 14:24
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS01-0'	E508022-01A	Soil	08/01/25	08/05/25	Glass Jar, 2 oz.
SS02-0'	E508022-02A	Soil	08/01/25	08/05/25	Glass Jar, 2 oz.
SS03-0'	E508022-03A	Soil	08/01/25	08/05/25	Glass Jar, 2 oz.
SS04-0'	E508022-04A	Soil	08/01/25	08/05/25	Glass Jar, 2 oz.



Sample Data

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

Project Name: South Taylor 13 Federal 001
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
8/6/2025 2:24:55PM

SS01-0'

E508022-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2532030	
Benzene	ND	0.0250	1	08/05/25	08/05/25	
Ethylbenzene	ND	0.0250	1	08/05/25	08/05/25	
Toluene	ND	0.0250	1	08/05/25	08/05/25	
o-Xylene	ND	0.0250	1	08/05/25	08/05/25	
p,m-Xylene	ND	0.0500	1	08/05/25	08/05/25	
Total Xylenes	ND	0.0250	1	08/05/25	08/05/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	<i>94.5 %</i>	<i>70-130</i>		<i>08/05/25</i>	<i>08/05/25</i>	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2532030	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/05/25	08/05/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	<i>92.3 %</i>	<i>70-130</i>		<i>08/05/25</i>	<i>08/05/25</i>	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2532026	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/05/25	08/05/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/05/25	08/05/25	
<i>Surrogate: n-Nonane</i>	<i>94.8 %</i>	<i>61-141</i>		<i>08/05/25</i>	<i>08/05/25</i>	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2532028	
Chloride	ND	20.0	1	08/05/25	08/05/25	



Sample Data

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

Project Name: South Taylor 13 Federal 001
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
8/6/2025 2:24:55PM

SS02-0'

E508022-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2532030	
Benzene	ND	0.0250	1	08/05/25	08/05/25	
Ethylbenzene	ND	0.0250	1	08/05/25	08/05/25	
Toluene	ND	0.0250	1	08/05/25	08/05/25	
o-Xylene	ND	0.0250	1	08/05/25	08/05/25	
p,m-Xylene	ND	0.0500	1	08/05/25	08/05/25	
Total Xylenes	ND	0.0250	1	08/05/25	08/05/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.8 %	70-130		08/05/25	08/05/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2532030	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/05/25	08/05/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.4 %	70-130		08/05/25	08/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2532026	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/05/25	08/05/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/05/25	08/05/25	
<i>Surrogate: n-Nonane</i>						
	97.9 %	61-141		08/05/25	08/05/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2532028	
Chloride	ND	20.0	1	08/05/25	08/05/25	



Sample Data

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

Project Name: South Taylor 13 Federal 001
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
8/6/2025 2:24:55PM

SS03-0'

E508022-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2532030
Benzene	ND	0.0250	1	08/05/25	08/05/25	
Ethylbenzene	ND	0.0250	1	08/05/25	08/05/25	
Toluene	ND	0.0250	1	08/05/25	08/05/25	
o-Xylene	ND	0.0250	1	08/05/25	08/05/25	
p,m-Xylene	ND	0.0500	1	08/05/25	08/05/25	
Total Xylenes	ND	0.0250	1	08/05/25	08/05/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.2 %	70-130		08/05/25	08/05/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2532030
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/05/25	08/05/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	88.6 %	70-130		08/05/25	08/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2532026
Diesel Range Organics (C10-C28)	ND	25.0	1	08/05/25	08/05/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/05/25	08/05/25	
<i>Surrogate: n-Nonane</i>						
	96.0 %	61-141		08/05/25	08/05/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2532028
Chloride	ND	20.0	1	08/05/25	08/05/25	



Sample Data

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

Project Name: South Taylor 13 Federal 001
Project Number: 23003-0002
Project Manager: Ashley Giovengo

Reported:
8/6/2025 2:24:55PM

SS04-0'

E508022-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2532030	
Benzene	ND	0.0250	1	08/05/25	08/05/25	
Ethylbenzene	ND	0.0250	1	08/05/25	08/05/25	
Toluene	ND	0.0250	1	08/05/25	08/05/25	
o-Xylene	ND	0.0250	1	08/05/25	08/05/25	
p,m-Xylene	ND	0.0500	1	08/05/25	08/05/25	
Total Xylenes	ND	0.0250	1	08/05/25	08/05/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.1 %	70-130		08/05/25	08/05/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2532030	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/05/25	08/05/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.4 %	70-130		08/05/25	08/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2532026	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/05/25	08/05/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/05/25	08/05/25	
<i>Surrogate: n-Nonane</i>						
	97.2 %	61-141		08/05/25	08/05/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2532028	
Chloride	ND	20.0	1	08/05/25	08/05/25	



QC Summary Data

Matador Resources, LLC.	Project Name:	South Taylor 13 Federal 001	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/6/2025 2:24:55PM

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 (2532030-BLK1)

Prepared: 08/05/25 Analyzed: 08/05/25

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	7.25		8.00		90.6	70-130			

LCS (2532030-BS1)

Prepared: 08/05/25 Analyzed: 08/05/25

Benzene	5.22	0.0250	5.00		104	70-130			
Ethylbenzene	5.12	0.0250	5.00		102	70-130			
Toluene	5.19	0.0250	5.00		104	70-130			
o-Xylene	5.15	0.0250	5.00		103	70-130			
p,m-Xylene	10.3	0.0500	10.0		103	70-130			
Total Xylenes	15.5	0.0250	15.0		103	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.24		8.00		90.6	70-130			

Matrix Spike (2532030-MS1)

Source: E508006-05

Prepared: 08/05/25 Analyzed: 08/05/25

Benzene	5.51	0.0250	5.00	ND	110	70-130			
Ethylbenzene	5.42	0.0250	5.00	ND	108	70-130			
Toluene	5.51	0.0250	5.00	0.0283	110	70-130			
o-Xylene	5.46	0.0250	5.00	ND	109	70-130			
p,m-Xylene	10.9	0.0500	10.0	ND	109	70-130			
Total Xylenes	16.4	0.0250	15.0	ND	109	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.50		8.00		93.7	70-130			

Matrix Spike Dup (2532030-MSD1)

Source: E508006-05

Prepared: 08/05/25 Analyzed: 08/05/25

Benzene	5.19	0.0250	5.00	ND	104	70-130	6.12	27	
Ethylbenzene	5.11	0.0250	5.00	ND	102	70-130	5.93	26	
Toluene	5.17	0.0250	5.00	0.0283	103	70-130	6.46	20	
o-Xylene	5.17	0.0250	5.00	ND	103	70-130	5.42	25	
p,m-Xylene	10.3	0.0500	10.0	ND	103	70-130	5.81	23	
Total Xylenes	15.5	0.0250	15.0	ND	103	70-130	5.68	26	
Surrogate: 4-Bromochlorobenzene-PID	7.60		8.00		95.1	70-130			



QC Summary Data

Matador Resources, LLC.	Project Name:	South Taylor 13 Federal 001	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/6/2025 2:24:55PM

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 (2532030-BLK1) Prepared: 08/05/25 Analyzed: 08/05/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.29		8.00		91.2	70-130			

LCS (2532030-BS2) Prepared: 08/05/25 Analyzed: 08/05/25

Gasoline Range Organics (C6-C10)	52.9	20.0	50.0		106	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.45		8.00		93.2	70-130			

Matrix Spike (2532030-MS2) Source: E508006-05 Prepared: 08/05/25 Analyzed: 08/05/25

Gasoline Range Organics (C6-C10)	54.4	20.0	50.0	ND	109	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.56		8.00		94.4	70-130			

Matrix Spike Dup (2532030-MSD2) Source: E508006-05 Prepared: 08/05/25 Analyzed: 08/05/25

Gasoline Range Organics (C6-C10)	51.9	20.0	50.0	ND	104	70-130	4.78	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.23		8.00		90.4	70-130			



QC Summary Data

Matador Resources, LLC.	Project Name:	South Taylor 13 Federal 001	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	8/6/2025 2:24:55PM

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 (2532026-BLK1)					Prepared: 08/05/25 Analyzed: 08/05/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	48.6		50.0		97.2	61-141			

LCS (2532026-BS1)					Prepared: 08/05/25 Analyzed: 08/05/25				
Diesel Range Organics (C10-C28)	265	25.0	250		106	66-144			
Surrogate: n-Nonane	47.7		50.0		95.4	61-141			

Matrix Spike (2532026-MS1)					Source: E508020-21		Prepared: 08/05/25 Analyzed: 08/05/25		
Diesel Range Organics (C10-C28)	356	25.0	250	40.9	126	56-156			
Surrogate: n-Nonane	49.9		50.0		99.9	61-141			

Matrix Spike Dup (2532026-MSD1)					Source: E508020-21		Prepared: 08/05/25 Analyzed: 08/05/25		
Diesel Range Organics (C10-C28)	351	25.0	250	40.9	124	56-156	1.37	20	
Surrogate: n-Nonane	50.0		50.0		99.9	61-141			



QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Name: South Taylor 13 Federal 001 Project Number: 23003-0002 Project Manager: Ashley Giovengo	Reported: 8/6/2025 2:24:55PM
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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 (2532028-BLK1)					Prepared: 08/05/25 Analyzed: 08/05/25				
Chloride	ND	20.0							
LCS (2532028-BS1)					Prepared: 08/05/25 Analyzed: 08/05/25				
Chloride	257	20.0	250		103	90-110			
Matrix Spike (2532028-MS1)					Source: E508020-22		Prepared: 08/05/25 Analyzed: 08/05/25		
Chloride	1490	20.0	250	953	213	80-120			M4
Matrix Spike Dup (2532028-MSD1)					Source: E508020-22		Prepared: 08/05/25 Analyzed: 08/05/25		
Chloride	1330	20.0	250	953	151	80-120	11.0	20	M4

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



Definitions and Notes

Matador Resources, LLC.	Project Name:	South Taylor 13 Federal 001	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	08/06/25 14:24

- M4Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The associated LCS spike recovery was acceptable.
- NDAnalyte NOT DETECTED at or above the reporting limit
- NRNot Reported
- RPDRelative Percent Difference
- DNIDid Not Ignite
- DNRDid 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.

[illegible]

Envirotech Analytical Laboratory

Printed: 8/5/2025 9:10:59AM

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:	08/05/25 06:00	Work Order ID:	E508022
Phone:	(972) 371-5200	Date Logged In:	08/04/25 15:31	Logged In By:	Caitlin Mars
Email:	agiovento@ensolum.com	Due Date:	08/06/25 07:00 (1 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? Yes
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/ResolutionSample 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? Yes

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab 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.



APPENDIX E

NMOCD Correspondence

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 461252

QUESTIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 461252
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Location of Release Source <i>Please answer all the questions in this group.</i>	
Site Name	South Taylor 13 Federal 001
Date Release Discovered	05/12/2025
Surface Owner	Federal

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

Nature and Volume of Release <i>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.</i>	
Crude Oil Released (bbls) Details	Cause: Overflow - Tank, Pit, Etc. Tank (Any) Crude Oil Released: 9 BBL Recovered: 7 BBL Lost: 2 BBL.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Bottom pump failed causing tank to overflow.

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 461252

QUESTIONS (continued)

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 461252
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	Unavailable.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.

Per Paragraph 4 of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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

ACKNOWLEDGMENTS

Action 461252

ACKNOWLEDGMENTS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 461252
	Action Type: [NOTIFY] Notification Of Release (NOR)

ACKNOWLEDGMENTS

<input checked="" type="checkbox"/>	I acknowledge that I am authorized to submit notification of a release on behalf of my operator.
<input checked="" type="checkbox"/>	I acknowledge that upon submitting this application, I will be creating a new incident file (assigned to my operator) to track the notification(s) and corrective action(s) for a release, pursuant to NMAC 19.15.29.
<input checked="" type="checkbox"/>	I acknowledge that creating a new incident file will require my operator to file subsequent submission(s) of form "C-141, Application for administrative approval of a release notification and corrective action", pursuant to NMAC 19.15.29.
<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	I acknowledge the fact that the acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment.
<input checked="" type="checkbox"/>	I acknowledge the fact that, in addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

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Oil Conservation Division
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Santa Fe, NM 87505

CONDITIONS

Action 461252

CONDITIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 461252
	Action Type: [NOTIFY] Notification Of Release (NOR)

CONDITIONS

Created By	Condition	Condition Date
j_touchet	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	5/13/2025

Impacted Soil On-Pad	
Saturated Soil (inches)	
	1
Area (sq. ft.)	
	774
Standing fluids	
inches of standing fluid	
	0.25
bbl estimate of standing fluids	
barrels recovered (if known)	
	7
Soil type	
	pad caliche
Spill type	
	oil(crude)
Barrel estimate in soil	
	1.5
Barrel estimate (standing fluids/ recovered+in soil)	
	8.5

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QUESTIONS

Action 464821

QUESTIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 464821
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2513327698
Incident Name	NAPP2513327698 SOUTH TAYLOR 13 FEDERAL 001 @ 0
Incident Type	Oil Release
Incident Status	Initial C-141 Received

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	South Taylor 13 Federal 001
Date Release Discovered	05/12/2025
Surface Owner	Federal

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

Nature and Volume of Release	
<i>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.</i>	
Crude Oil Released (bbls) Details	Cause: Overflow - Tank, Pit, Etc. Tank (Any) Crude Oil Released: 9 BBL Recovered: 7 BBL Lost: 2 BBL.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Bottom pump failed causing tank to overflow.

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QUESTIONS, Page 2

Action 464821

QUESTIONS (continued)

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 464821
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	Unavailable.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 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: 05/19/2025
--	--

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QUESTIONS, Page 3

Action 464821

QUESTIONS (continued)

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 464821
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

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)	Not answered.
What method was used to determine the depth to ground water	Not answered.
Did this release impact groundwater or surface water	Not answered.
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Not answered.
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Not answered.
An occupied permanent residence, school, hospital, institution, or church	Not answered.
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Not answered.
Any other fresh water well or spring	Not answered.
Incorporated municipal boundaries or a defined municipal fresh water well field	Not answered.
A wetland	Not answered.
A subsurface mine	Not answered.
An (non-karst) unstable area	Not answered.
Categorize the risk of this well / site being in a karst geology	Not answered.
A 100-year floodplain	Not answered.
Did the release impact areas not on an exploration, development, production, or storage site	Not answered.

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	No
<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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CONDITIONS

Action 464821

CONDITIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 464821
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

CONDITIONS

Created By	Condition	Condition Date
nvez	None	5/20/2025

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QUESTIONS

Action 484281

QUESTIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 484281
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2513327698
Incident Name	NAPP2513327698 SOUTH TAYLOR 13 FEDERAL 001 @ 0
Incident Type	Oil Release
Incident Status	Initial C-141 Approved

Location of Release Source	
Site Name	South Taylor 13 Federal 001
Date Release Discovered	05/12/2025
Surface Owner	Federal

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	779
What is the estimated number of samples that will be gathered	8
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	07/15/2025
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Jimmy Gonzalez @ (575) 909-3249
Please provide any information necessary for navigation to sampling site	32.741274,-103.817659

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CONDITIONS

Action 484281

CONDITIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 484281
	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.	7/11/2025
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.	7/11/2025

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QUESTIONS

Action 484284

QUESTIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 484284
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2513327698
Incident Name	NAPP2513327698 SOUTH TAYLOR 13 FEDERAL 001 @ 0
Incident Type	Oil Release
Incident Status	Initial C-141 Approved

Location of Release Source	
Site Name	South Taylor 13 Federal 001
Date Release Discovered	05/12/2025
Surface Owner	Federal

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	779
What is the estimated number of samples that will be gathered	8
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	07/16/2025
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Jimmy Gonzalez @ (575) 909-3249
Please provide any information necessary for navigation to sampling site	32.741274,-103.817659

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CONDITIONS

Action 484284

CONDITIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 484284
	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.	7/11/2025
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.	7/11/2025

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QUESTIONS

Action 484285

QUESTIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 484285
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2513327698
Incident Name	NAPP2513327698 SOUTH TAYLOR 13 FEDERAL 001 @ 0
Incident Type	Oil Release
Incident Status	Initial C-141 Approved

Location of Release Source	
Site Name	South Taylor 13 Federal 001
Date Release Discovered	05/12/2025
Surface Owner	Federal

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	779
What is the estimated number of samples that will be gathered	8
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	07/17/2025
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Jimmy Gonzalez @ (575) 909-3249
Please provide any information necessary for navigation to sampling site	32.741274,-103.817659

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CONDITIONS

Action 484285

CONDITIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 484285
	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.	7/11/2025
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.	7/11/2025

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QUESTIONS

Action 494462

QUESTIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 494462
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2513327698
Incident Name	NAPP2513327698 SOUTH TAYLOR 13 FEDERAL 001 @ 0
Incident Type	Oil Release
Incident Status	Remediation Closure Report Received

Location of Release Source

Please answer all the questions in this group.

Site Name	South Taylor 13 Federal 001
Date Release Discovered	05/12/2025
Surface Owner	Federal

Incident Details

Please answer all the questions in this group.

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

Nature and Volume of Release

Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.

Crude Oil Released (bbls) Details	Cause: Overflow - Tank, Pit, Etc. Tank (Any) Crude Oil Released: 9 BBL Recovered: 7 BBL Lost: 2 BBL.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Bottom pump failed causing tank to overflow.

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QUESTIONS, Page 2

Action 494462

QUESTIONS (continued)

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 494462
	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: 08/11/2025
--	--

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QUESTIONS, Page 3

Action 494462

QUESTIONS (continued)

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 494462
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS**Site Characterization**

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission	Yes
<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)	5620
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	84341
GRO+DRO (EPA SW-846 Method 8015M)	58041
BTEX (EPA SW-846 Method 8021B or 8260B)	25.3
Benzene (EPA SW-846 Method 8021B or 8260B)	1

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

On what estimated date will the remediation commence	07/15/2025
On what date will (or did) the final sampling or liner inspection occur	07/17/2025
On what date will (or was) the remediation complete(d)	07/17/2025
What is the estimated surface area (in square feet) that will be reclaimed	773
What is the estimated volume (in cubic yards) that will be reclaimed	42
What is the estimated surface area (in square feet) that will be remediated	773
What is the estimated volume (in cubic yards) that will be remediated	42

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.

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

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QUESTIONS, Page 4

Action 494462

QUESTIONS (continued)

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 494462
	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 Disposal, Hobbs
(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: 08/11/2025
<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>	

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 5

Action 494462

QUESTIONS (continued)

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 494462
	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 494462

QUESTIONS (continued)

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 494462
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	484285
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	07/17/2025
What was the (estimated) number of samples that were to be gathered	8
What was the sampling surface area in square feet	779

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	773
What was the total volume (cubic yards) remediated	42
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	773
What was the total volume (in cubic yards) reclaimed	42
Summarize any additional remediation activities not included by answers (above)	N/A
<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: 08/11/2025

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QUESTIONS, Page 7

Action 494462

QUESTIONS (continued)

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 494462
	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 494462

CONDITIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 494462
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
nvez	None	9/3/2025