

**FORM  
INSP**Rev  
X/20**State of Colorado  
Oil and Gas Conservation Commission**1120 Lincoln Street, Suite 801, Denver, Colorado 80203  
Phone: (303) 894-2100 Fax: (303) 894-2109

Inspection Date:

02/26/2025

Submitted Date:

02/27/2025

Document Number:

709100485**FIELD INSPECTION FORM**Loc ID 471039 Inspector Name: Heibel, Krystal On-Site Inspection ☐ 2A Doc Num: \_\_\_\_\_**Operator Information:**ECMC Operator Number: 10814Name of Operator: MDS ENERGY DEVELOPMENT LLCAddress: 409 BUTLER RD SUITE ACity: KITTANNING State: PA Zip: 16201**Status Summary:**

- ☒ THIS IS A FOLLOW UP INSPECTION
- ☒ FOLLOW UP INSPECTION REQUIRED
- ☐ NO FOLLOW UP INSPECTION REQUIRED

**Findings:**14 Number of Comments11 Number of Corrective Actions☒ Corrective Action Response Requested**ANY CORRECTIVE ACTION(S) FROM  
PREVIOUS INSPECTIONS THAT HAVE NOT  
BEEN ADDRESSED ARE STILL APPLICABLE****Contact Information:**

Contact Name	Phone	Email	Comment
Dylan Edwardson		dylan.edwardson@state.co.us	
SAADEH, RICHARD		richard.saadeh@mdsed.com	
Kyle Waggoner		kyle.waggoner@state.co.us	

**Inspected Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
471039	LOCATION	AC			-	Castor 7-59 10	EI
471064	WELL	PR	11/01/2023	OW	123-50750	CASTOR 7-59 10-3-1	EI
471065	WELL	PR	11/01/2023	OW	123-50751	CASTOR 7-59 10-3-5	EI
471066	WELL	PR	11/01/2023	OW	123-50752	CASTOR 7-59 10-3-8	EI
471069	WELL	PR	12/01/2023	OW	123-50755	CASTOR 7-59 10-3-12	EI

**General Comment:**

On Feb 26, 2025, ECMC Environmental Staff Krystal Heibel and Dylan Edwardson conducted an environmental field inspection of MDS Energy Development LLC (MDS) Castor 7-59 10 location (Location ID: 471039).

This location has an active spill/release documented at the Castor 7-59 10-3-5 Mousehole from when ECMC Staff Dylan Edwardson observed and photo documented hydrocarbons within the mousehole.

Weather was sunny and windy. For the most recent reclamation field inspection report of this facility, please refer to Document#718700134 (Inspection Date: Feb 26, 2025).

The following is a summary: At the time of inspection, gravel filled the mousehole and hydrocarbon staining was observed. Hydrocarbon olfactory sense was observed and the PID reading showed a VOC field screening of 12.7 ppm.

Refer to the photo-documentation of the observed compliance issues attached to this report.

Any corrective action(s) and corrective action due dates from previous inspections that have not been addressed are still applicable.

Location				
<b>Lease Road:</b>				
Type	Main			
comment:	Lease road was accessible.			
Corrective Action	L		Date:	
Overall Good: <input type="checkbox"/>				
<b>Signs/Marker:</b>				
Type	TANK LABELS/PLACARDS			
Comment:	No NFPA placard on day tank; See photo 91			
Corrective Action:	Install placard to comply with CDPHE rules.		Date:	03/06/2025
Type	BATTERY			
Comment:	Emergency contact number at tank battery illegible from a distance.			
Corrective Action:	Install a sign to comply with Rule 605.e.(2)		Date:	03/25/2025
Emergency Contact Number:				
Comment:	<input type="text"/>			
Corrective Action:	<input type="text"/>			Date: <input type="text"/>
<b>Good Housekeeping:</b>				
Type				
Comment:	Unused equipment (hoses and plastic containers) observed on location			
Corrective Action:	Comply with Rule 606		Date:	03/06/2025
Type	WEEDS			
Comment:	Tumble weeds observed in and around equipment			
Corrective Action:	Comply with Rule 606		Date:	03/06/2025
Type	DEBRIS			
Comment:	Trash and debris was observed throughout the location and production equipment. Refer to attached inspection photos.			
Corrective Action:	Comply with Rule 606 to remove all trash and debris.		Date:	03/06/2025
Overall Good: <input type="checkbox"/>				
<b>Spills:</b>				
Type	Area	Volume		
Crude Oil	WELLHEAD			
Comment:	Wellhead and associated equipment (e.g. valves, piping, etc) were observed to have visible hydrocarbon staining. Refer to attached inspection photos.			
Corrective Action:	Control and contain spills/releases and clean up per Rule 912.a.			Date: 02/28/2025
Crude Oil				
Comment:	Hydrocarbons observed next to production equipment, on lined containment, on the inside of metal containment walls, and underneath piping bends. See photos 55 through 64 and photo 73 through 75 of photo log.			
Corrective Action:	Control and contain spills/releases and clean up per Rule 912.a.			Date: 02/28/2025
Crude Oil				
Comment:	Hydrocarbons observed within the engine skin containment / compressor. See photos 77 through 82.			
Corrective Action:	Control and contain spills/releases and clean up per Rule 912.a.			Date: 02/28/2025

Crude Oil	Truck Loadout			
Comment:	Truck loadout and tank battery's internal bermed containment walls were observed to have visible hydrocarbon staining. Refer to attached inspection photos.			
Corrective Action:	Control and contain spills/releases and clean up per Rule 912.a.			Date: 02/28/2025

In Containment: No

Comment:

☒ Multiple Spills and Releases?

<b>Equipment:</b>				corrective date
Type:		#		
Comment:	Adequate wildlife netting observed over day tank.			
Corrective Action:				Date:
Type:		#		
Comment:	5-gal bucket not within secondary containment next to heater treater and no observed wildlife protection devices. 5-gal bucket observed next to truck loadout not properly stored.			
Corrective Action:	Comply with Rule 902.b to install or repair wildlife protection equipment. E&P Waste not properly stored, handled, transported, treated, recycled, or disposed per Rule 905. Contact ECMC EPS staff.			Date: 03/26/2025

**Venting:**

Yes/No			
Comment:			
Corrective Action:		Date:	

**Flaring:**

Type		
Comment:		
Corrective Action:		Date:



**Environmental****Spills/Releases:**

Type of Spill: \_\_\_\_\_

Estimated Spill Volume: \_\_\_\_\_

Comment: At the time of inspection, gravel filled the mousehole and hydrocarbon staining was observed at wellhead (API #123-50751). Hydrocarbon olfactory sense was observed and the PID reading showed a VOC field screening of 12.7 ppm. During a Feb 3, 2025 inspection (doc# 718700031), pooled hydrocarbons were observed next to the wellhead (API #123-50751), inside of the mousehole area. This was previously documented in FIR (doc #708201524) conducted on 08/19/2024. Refer to attached inspection photos.

Corrective Action: Control and contain spills/releases and clean up per Rule 912.a. In accordance with 913.d. (1) Operator will investigate impacts to soil, groundwater, and surface water as soon as the impacts are discovered. Operator shall collect confirmation soil sample(s) for Full Table 915-1 analytes to horizontally and vertically delineate the spill/release. The official lab documents, an analytics summary table, photo documentation of the spill/release and cleanup efforts, and a Soil Sample Location Map shall be attached to a Form 19-S and submitted to the ECMC. Contact ECMC Staff Krystal Heibel (krystal.heibel@state.co.us) with any questions.

Date: 02/28/2025

Reportable: YES

GPS: Lat \_\_\_\_\_

Long \_\_\_\_\_

Proximity to Surface Water: \_\_\_\_\_

Depth to Ground Water: \_\_\_\_\_

**Water Well Complaint:**

Lat \_\_\_\_\_ Long \_\_\_\_\_

DWR Receipt Num: \_\_\_\_\_

Owner Name: \_\_\_\_\_

GPS : \_\_\_\_\_

**Field Parameters:**

Sample Location: \_\_\_\_\_

Comment: \_\_\_\_\_

**Attached Documents**You can go to ECMC Images (<https://ecmc.state.co.us/weblink/>) and search by document number:

Document Num	Description	URL
404110305	INSPECTION SUBMITTED	<a href="https://ecmc.state.co.us/weblink/DownloadDocumentPDF.aspx?DocumentId=6938278">https://ecmc.state.co.us/weblink/DownloadDocumentPDF.aspx?DocumentId=6938278</a>
709100486	Photos	<a href="https://ecmc.state.co.us/weblink/DownloadDocumentPDF.aspx?DocumentId=6938272">https://ecmc.state.co.us/weblink/DownloadDocumentPDF.aspx?DocumentId=6938272</a>