

**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:

02/03/2025

Submitted Date:

02/04/2025

Document Number:

718700031

**FIELD INSPECTION FORM**

Loc ID: 471039 Inspector Name: Edwardson, Dylan On-Site Inspection:  2A Doc Num: \_\_\_\_\_

**Status Summary:**

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

**Operator Information:**

ECMC Operator Number: 10814  
Name of Operator: MDS ENERGY DEVELOPMENT LLC  
Address: 409 BUTLER RD SUITE A  
City: KITTANNING State: PA Zip: 16201

**Findings:**

- 13 Number of Comments
- 9 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
		kelsi.welch@iptwell.com	
Heibel, Krystal		krystal.heibel@state.co.us	
		jim.jacobsen@iptwell.com	
SAADEH, RICHARD		richard.saadeh@mdsed.com	

**Inspected Facilities:**

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

**General Comment:**

This is a follow-up Interim Reclamation and Stormwater Inspection for Location ID (471039) and to the previous FIR (doc #708201671) conducted on 09/30/2024.

Operator submitted FIRR (doc #403967157) on 11/07/2024 stating that corrective actions have been completed.

**Location**

Overall Good:

Emergency Contact Number:

Comment:

Corrective Action:

Date: \_\_\_\_\_

**Good Housekeeping:**

Type	OTHER		
Comment:	Hydrocarbon staining was observed throughout the location. This has been documented in previous FIRs and is an ongoing compliance issue. Refer to attached inspection photos.		
Corrective Action:	Conduct maintenance on equipment, cleanup stained material and review self inspection processes per Rule 1002.f(2).D	Date:	02/08/2025
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:	02/11/2025

Overall Good:

**Spills:**

Type	Area	Volume	

In Containment: No

Comment:

Multiple Spills and Releases?

**Equipment:**

Type	#		corrective date
Type: Compressor	#		
Comment:	Gas can laying on its side and outside of secondary containment, near compressor. Refer to attached inspection photos.		
Corrective Action:	Comply with Rule 1002.f.(2)B to implement or modify BMPs for improved material handling and spill prevention.	Date:	02/06/2025
Type: Other	#		
Comment:	Pothole/subsidence observed on the northeast corner of the production facilities, north of tank battery. Refer to attached inspection photos.		
Corrective Action:	Operator shall immediately ensure operations are safe and will properly install safety controls and/or backfill the observed hole/subsidence pursuant to Rule 602.c.	Date:	02/05/2025
Type: Bird Protectors	#		
Comment:	No cover or netting was observed around open rat/mouse hole at Well API 123-50751; hydrocarbons were observed within opening at the time of this inspection. Refer to attached inspection photos.		
Corrective Action:	Install or repair wildlife protection equipment per Rule 902.b.	Date:	02/05/2025
Type: Other	#		
Comment:	Wellhead and associated equipment (e.g. valves, piping, etc) were observed to have visible hydrocarbon staining. Refer to attached inspection photos.		
Corrective Action:	Securely fasten all valves, pipes, fittings, and Production Facilities to ensure good mechanical condition, inspect at regular intervals and maintain in good mechanical condition per Rule 608.e.	Date:	02/05/2025

**Venting:**

Yes/No		
Comment:		

Corrective Action:		Date:	
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**Flaring:**

Type	
Comment:	
Corrective Action:	
	Date:

**Location Construction**

Location ID: 471039 CDP: \_\_\_\_\_

Comment: A wildlife mortality was observed within the production areas, near the well locations. ECMC Staff spoke with on-site Pumper and recommended that the Operator to reach out to CPW to notify of the mortality. This is being entered for documentation purposes.

Corrective Action: \_\_\_\_\_ Date: \_\_\_\_\_

**Form 2A COAs:**

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

Corrective Action: \_\_\_\_\_ Date: \_\_\_\_\_

**Wildlife BMPs:**

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

Corrective Action: \_\_\_\_\_ Date: \_\_\_\_\_

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

Corrective Action: \_\_\_\_\_ Date: \_\_\_\_\_

**On Site Inspection (305):**

Surface Owner Contact Information:

Name: \_\_\_\_\_ Address: \_\_\_\_\_

Phone Number: \_\_\_\_\_ Cell Phone: \_\_\_\_\_

Operator Rep. Contact Information:

Landman Name: \_\_\_\_\_ Phone Number: \_\_\_\_\_

Date Onsite Request Received: \_\_\_\_\_ Date of Rule 306 Consultation: \_\_\_\_\_

Request LGD Attendance: \_\_\_\_\_

LGD Contact Information:

Name: \_\_\_\_\_ Phone Number: \_\_\_\_\_ Agreed to Attend: \_\_\_\_\_

Summary of Landowner Issues:

\_\_\_\_\_

Summary of Operator Response to Landowner Issues:

\_\_\_\_\_

Onsite Inspection Memorandum Summarizing Discussions at Inspection as Attachment:

\_\_\_\_\_

**Inspected Facilities**

Facility ID: 471039 Type: LOCATION API Number: - Status: AC Insp. Status: RI

The subreport 'InspWellFlowline' could not be found at the specified location \\10.14.12

Facility ID: 471064 Type: WELL API Number: 123-50750 Status: PR Insp. Status: RI

The subreport 'InspWellFlowline' could not be found at the specified location \\10.14.12

Facility ID: 471065 Type: WELL API Number: 123-50751 Status: PR Insp. Status: RI

The subreport 'InspWellFlowline' could not be found at the specified location \\10.14.12

Facility ID: 471066 Type: WELL API Number: 123-50752 Status: PR Insp. Status: RI

The subreport 'InspWellFlowline' could not be found at the specified location \\10.14.12

Facility ID: 471069 Type: WELL API Number: 123-50755 Status: PR Insp. Status: RI

The subreport 'InspWellFlowline' could not be found at the specified location \\10.14.12

**Environmental**

**Spills/Releases:**

Type of Spill: OTHER E&P WASTE

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

Comment: Pooled hydrocarbons were observed next to the wellhead (API #123-50751), inside of the rat/mouse hole 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. The operator shall report the spill/release via Form 19 to the ECMC. Contact ECMC Staff Krystal Heibel (krystal.heibel@state.co.us) with any questions.

Date: 02/05/2025

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: \_\_\_\_\_

**Reclamation - Storm Water - Pit**

**Interim Reclamation:**

Date Interim Reclamation Started: \_\_\_\_\_ Date Interim Reclamation Completed: \_\_\_\_\_

Land Use: RANGELAND

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

**1002 SITE PREPARATION AND STABILIZATION**

1002a. FENCING \_\_\_\_\_

Comment \_\_\_\_\_

Corrective Action \_\_\_\_\_

Date \_\_\_\_\_

1002b. SOIL REMOVAL AND \_\_\_\_\_ Fail

Comment **Previous FIR (doc #708201671) documented that topsoil appeared to have been imported to the location and spread throughout the interim reclamation areas. It also documented that the western portion of the existing topsoil stockpile appeared to have had an amount of topsoil removed (approximately 60' x 75').**  
  
**In order to comply with the outstanding corrective action and COA on Form 4 (doc #403684816), Operator is required to submit documentation (e.g. manifests, truck counts, photos, etc) of topsoil importation and explanation of missing topsoil from the existing stockpile.**

Corrective Action **Submit FIRR with documentation of topsoil importation activities and explanation of missing topsoil from existing stockpile.**

Date \_\_\_\_\_

1002c. PROTECTION OF SOILS \_\_\_\_\_ Fail

Comment **This location does not comply with Reclamation rules. Rule 1002.c. states all stockpiled soils shall be protected from degradation due to contamination, compaction and, to the extent practicable, from wind and water erosion during drilling and production operations. Best management practices to prevent weed establishment and to maintain soil microbial activity shall be implemented.**  
  
**Topsoil stockpile has significant weed cover (russian thistle and kochia) with no perennial vegetation that would compete with the weedy vegetation and generally work to decrease weed growth.**

Corrective Action **Best management practices to prevent weed establishment shall be implemented. Control, manage, and prevent weedy, annual vegetation on all topsoil stockpiles. If reseeding is an option for long-term protection and stabilization of topsoil, then the next favorable seeding opportunity shall be conducted.**

Date \_\_\_\_\_

1002E. SURFACE DISTURBANCE MINIMIZATION \_\_\_\_\_

Comment \_\_\_\_\_

Corrective Action \_\_\_\_\_

Date \_\_\_\_\_

1003a. Waste and Debris removed? \_\_\_\_\_

Comment \_\_\_\_\_

Corrective Action \_\_\_\_\_

Date \_\_\_\_\_

Unused or unneeded equipment onsite? \_\_\_\_\_

Comment \_\_\_\_\_

Corrective Action \_\_\_\_\_

Date \_\_\_\_\_

Pit, cellars, rat holes and other bores closed? \_\_\_\_\_

Comment \_\_\_\_\_

Corrective Action \_\_\_\_\_

Date \_\_\_\_\_

Guy line anchors marked? \_\_\_\_\_

Comment

Corrective Action

Date \_\_\_\_\_

1003b. Area no longer in use? \_\_\_\_\_ Production areas stabilized ? \_\_\_\_\_

1003c. Compacted areas have been cross ripped? \_\_\_\_\_

1003d. Drilling pit closed? \_\_\_\_\_ Subsidence over on drill pit? \_\_\_\_\_

Cuttings management: \_\_\_\_\_

1003e. Areas no longer needed for drilling or subsequent operations for have been re-vegetated to 80% of pre-existing? \_\_\_\_\_

Production areas have been stabilized? \_\_\_\_\_ Segregated soils have been replaced? \_\_\_\_\_

RESTORATION AND REVEGETATION

Cropland

Top soil replaced \_\_\_\_\_ Recontoured \_\_\_\_\_ Perennial forage re-established \_\_\_\_\_

Non-Cropland

Top soil replaced \_\_\_\_\_ Recontoured \_\_\_\_\_ 80% Revegetation \_\_\_\_\_

1003e. INTERIM VEGETATION TRANSECT

TRANSECT RESULTS OF DISTURBED AREA% \_\_\_\_\_

TRANSECT RESULTS OF REFERENCE AREA% \_\_\_\_\_

TOTAL % OF DESIRABLE VEGETATION COVER \_\_\_\_\_

VEGETATIVE COVER \_\_\_\_\_

1003 f. Weeds Noxious weeds? \_\_\_\_\_

Comment

Corrective Action

Date \_\_\_\_\_

Overall Interim Reclamation In Process

**Final Reclamation/ Abandoned Location:**

Date Final Reclamation Started: \_\_\_\_\_ Date Final Reclamation Completed: \_\_\_\_\_

Final Land Use: RANGELAND \_\_\_\_\_

Reminder: \_\_\_\_\_

Comment:

Well plugged \_\_\_\_\_ Pit mouse/rat holes, cellars backfilled \_\_\_\_\_

Debris removed \_\_\_\_\_ No disturbance /Location never built \_\_\_\_\_

Access Roads Regraded \_\_\_\_\_ Contoured \_\_\_\_\_ Culverts removed \_\_\_\_\_

Gravel removed \_\_\_\_\_

Location and associated production facilities reclaimed \_\_\_\_\_ Locations, facilities, roads, recontoured \_\_\_\_\_

Compaction alleviation \_\_\_\_\_ Dust and erosion control \_\_\_\_\_

Non cropland: Revegetated 80% \_\_\_\_\_ Cropland: perennial forage \_\_\_\_\_

Weeds present \_\_\_\_\_ Subsidence \_\_\_\_\_

1004.d. FINAL VEGETATION TRANSECT

TRANSECT RESULTS OF DISTURBED AREA% \_\_\_\_\_

TRANSECT RESULTS OF REFERENCE AREA% \_\_\_\_\_

TOTAL % OF DESIRABLE VEGETATION COVER \_\_\_\_\_

VEGETATIVE COVER \_\_\_\_\_

Comment:

Corrective Action:

Date \_\_\_\_\_

Overall Final Reclamation \_\_\_\_\_

Well Release on Active Location

Multi-Well Location

**Storm Water:**

Loc Erosion BMPs	BMP Maintenance	Lease Road Erosion BMPs	Lease BMP Maintenance	Chemical BMPs	Chemical BMP Maintenance	Comment

Comment: During this inspection, it was observed that a perimeter ditch and berm, and sediment traps have been constructed around the production facilities and well locations. No stormwater erosion issues were observed at this time.

Operator shall continue to monitor and manage this site for stormwater run on and runoff in a manner that minimizes erosion, transport of sediment offsite, and site degradation until the facility is abandoned and final reclamation is achieved pursuant to Rule 1004.

Corrective Action:

Date: \_\_\_\_\_

**Pits:**  NO SURFACE INDICATION OF PIT

**Attached Documents**

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

Document Num	Description	URL
404080820	INSPECTION SUBMITTED	<a href="https://ecmc.state.co.us/weblink/DownloadDocumentPDF.aspx?DocumentId=6904443">https://ecmc.state.co.us/weblink/DownloadDocumentPDF.aspx?DocumentId=6904443</a>
718700032	Inspection Photos	<a href="https://ecmc.state.co.us/weblink/DownloadDocumentPDF.aspx?DocumentId=6904423">https://ecmc.state.co.us/weblink/DownloadDocumentPDF.aspx?DocumentId=6904423</a>