

**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:

09/30/2024

Submitted Date:

10/09/2024

Document Number:

708201671

**FIELD INSPECTION FORM**Loc ID 471039 Inspector Name: Edwardson, Dylan On-Site Inspection ☐ 2A Doc Num: \_\_\_\_\_**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

**Status Summary:**

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

**Findings:**

10 Number of Comments

1 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
SAADEH, RICHARD		richard.saadeh@mdsed.com	
		jim.jacobsen@iptwell.com	
		kelsi.welch@iptwell.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 #708201524) conducted on 08/19/2024.

**Location**Overall Good: ☐

Emergency Contact Number:

Comment: Corrective Action: Date: **Good Housekeeping:**

Type	WEEDS		
Comment:	Undesirable vegetation (e.g. russian thistle and kochia) was observed throughout the location. At the time of this inspection, on-site Lease Operator (Alec) explained to Staff that weeds were sprayed with herbicide. Operator shall continue to monitor and manage the location for undesirable vegetation.		
Corrective Action:		Date:	
Type	OTHER		
Comment:	Previous inspections have documented stained soil throughout the location, including near production equipment (compressor) and loadout lines. Operator subitted FIRR (doc #403915024) stating that the corrective action has been completed. During this inspection, it was observed that stained soil appears to have been disposed of; trace amounts of stained pea gravel remain in the tank battery secondary containment. Operator shall continue to monitor and manage the location for stained soil and implement BMPs where nescessary.		
Corrective Action:		Date:	

Overall Good: ☐**Spills:**

Type	Area	Volume		
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In Containment: No Comment: ☐ Multiple Spills and Releases?**Equipment:**

			corrective date
Type: Bird Protectors	#		
Comment:	Previous inspection (doc #708201524) documented no cover or netting was observed around an open rat hole near Well API 123-50751. Operator submitted FIRR (doc #403915024) stating that the corrective action has been completed. During this inspection, it appears that the rat hole has been buried/filled with gravel to exclude entry.		
Corrective Action:		Date:	
Type: Compressor	#		
Comment:	Previous inspection (doc #708201524) documented a 5 gallon bucket outside of secondary containment at one of the compressors. Operator submitted FIRR (doc #403915024) stating that the corrective action has been completed. During this inspection, it appears that the 5 gallon bucket has been removed from location.		
Corrective Action:		Date:	
Type: Other	#		
Comment:	Previous inspections documented subsidence around wellheads. Operator submitted FIRR (doc #403915024) stating that the corrective action has been completed. During this inspection, no subsidence was observed around the wellheads.		
Corrective Action:		Date:	
Type: Other	#		





**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 SEGREGATION \_\_\_\_\_ In \_\_\_\_\_

Comment

During this inspection, it appears that topsoil has been imported to the location and spread throughout the interim reclamation areas. It was also observed that the western portion of the existing topsoil stockpile appears to have had an amount of topsoil removed (approximately 60' x 75'). When submitting the FIRR for the outstanding corrective action, the Operator shall also provide an explanation of missing topsoil from the existing topsoil stockpile. Operator is also being advised that per COA on Form 4 (doc #403684816) documentation (e.g. manifests, truck counts, photos, etc) of topsoil importation is required when submitting FIRR. This is being left "In-Process" until the FIRR is submitted.

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

Date \_\_\_\_\_

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

Comment \_\_\_\_\_

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

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

It appears that interim reclamation activities have been performed to reduce disturbance areas only needed for production operations. Topsoil has been imported to the location and spread throughout the interim areas which appear to have been recontoured. It does not appear that the interim areas have been reseeded at the time of this inspection. Operator shall continue to monitor and manage this site until the location meets Rule 1003 standards, including stormwater and weed management. Operator shall submit a Form 4 Interim Reclamation Complete notice when the location meets Rule 1003 standards. ECMC may conduct inspections prior to receiving said notice to ensure compliance with Rule 1003.

Corrective Action

Date \_\_\_\_\_

Overall Interim Reclamation

**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:		Date	
Corrective Action:			
Overall Final Reclamation		Well Release on Active Location <input type="checkbox"/>	Multi-Well Location <input type="checkbox"/>

<b>Storm Water:</b>						
Loc Erosion BMPs	BMP Maintenance	Lease Road Erosion BMPs	Lease BMP Maintenance	Chemical BMPs	Chemical BMP Maintenance	Comment
Comment:	<p>This location does not comply with Rule 1002.f. Operator submitted FIRR (doc #403915024) stating that the corrective action has been completed. It does not appear that any stormwater maintenance/installations have occurred since the previous inspection. Perimeter stormwater controls appear to have been removed, including ditch and berms, and the sediment trap located on the northwest corner of the disturbance area. Refer to attached inspection photos.</p>					Date:
Corrective Action:	<p>Install or repair required BMPs per Rule 1002.f.(2)C immediately. (Original CA Date: 08/23/2024).</p>					
Pits:	<input type="checkbox"/> 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
708201677	Inspection Photos	<a href="https://ecmc.state.co.us/weblink/DownloadDocumentPDF.aspx?DocumentId=6739792">https://ecmc.state.co.us/weblink/DownloadDocumentPDF.aspx?DocumentId=6739792</a>