

**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:

09/10/2024

Submitted Date:

10/11/2024

Document Number:

712300063

FIELD INSPECTION FORMLoc ID 416625 Inspector Name: Maxwell, Logan On-Site Inspection ☐ 2A Doc Num: _____**Operator Information:**

ECMC Operator Number: 10805

Name of Operator: FULCRUM ENERGY OPERATING LLC

Address: 240 SAINT PAUL STREET SUITE 502

City: DENVER State: CO Zip: 80206

Status Summary:

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

Findings:

6 Number of Comments

5 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
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		kris.neidel@state.co.us	
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Inspected Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
416625	LOCATION	AC	01/01/2024		-	Surprise-Damfino S6 Pad	RI

General Comment:

On 9/10//2024, Eastern Reclamation Work Lead Binschus and Reclamation Specialist Maxwell conducted an Interim Reclamation and Stormwater inspection at Fulcrum Energy Operating's Surprise Damfino 6S Pad Oil and Gas Location in Jackson County, Colorado. This inspection is a follow-up to Inspection #697505285, dated 4/15/2024, to document compliance with the following corrective actions:

-Stormwater
-Interim Reclamation

Refer to the "Location," "Reclamation," and "Stormwater" sections of this inspection report for additional details.

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

A follow up inspection on this site will be conducted to ensure the compliance issues have been corrected to comply with ECMC rules.

Any corrective actions from previous inspections that have not been addressed remain applicable. Any new corrective actions without corrective action dates, requires the Operator the comply with the Rules as soon as possible or when environmental conditions permit. Location will remain out of compliance until corrective action(s) has (have) been resolved and a follow up inspection will be conducted to ensure the compliance issues have been corrected to comply with ECMC rules.

Location				
Overall Good: <input type="checkbox"/>				
Emergency Contact Number:				
Comment:				Date: _____
Corrective Action:				
Good Housekeeping:				
Type	WEEDS			
Comment:	It was observed in this inspection that weeds (e.g. Russian Thistle) were growing along the perimeter of the well pad, berms, and topsoil stockpile.			
Corrective Action:	Comply with Rule 606. Operator shall control and manage weeds to prevent weed waste and to prevent the spread of weeds onto adjacent lands.			Date:
Overall Good: <input type="checkbox"/>				
Spills:				
Type	Area	Volume		
In Containment: No				
Comment: _____				
<input type="checkbox"/> Multiple Spills and Releases?				
Venting:				
Yes/No				
Comment:				
Corrective Action:				Date:
Flaring:				
Type				
Comment:				
Corrective Action:				Date:

Inspected Facilities									
Facility ID:	416625	Type:	LOCATION	API Number:	-	Status:	AC	Insp. Status:	RI
The subreport 'InspWellFlowline' could not be found at the specified location \\10.14.12									

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 _____

Comment _____

Corrective Action _____

Date _____

1002c. PROTECTION OF SOILS _____ Fail _____

Comment _____

Inspection #697505285 observed that there was evidence of erosion along the topsoil stockpile.

In this inspection, it was observed that erosion is still occurring along the topsoil stockpile. The stockpile has little to no desirable vegetative growth to stabilize the stockpile. It was indicated that the Operator plans to seed this fall.

Rule 1002.c. states all stockpiled soils shall be protected from wind and water erosion during production operations. BMPs to prevent weed establishment shall be implemented.

Corrective Action _____

Comply with Rule 1002.c. to implement long-term BMP stabilization and to help prevent weed establishment. If seeding is an option for long-term stabilization and protection 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 _____

In this inspection, it was observed that there was unused equipment in the eastern portion of the working pad. See Photo 4.

Corrective Action _____

Comply with Rule 606.a. Remove all unused equipment not need for production.

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? Fail 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? Fail
- Production areas have been stabilized? _____ Segregated soils have been replaced? _____

RESTORATION AND REVEGETATIONCropland

Top soil replaced _____ Recontoured _____ Perennial forage re-established _____

Non-Cropland

Top soil replaced _____ Recontoured _____ 80% Revegetation Fail

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 was observed in this inspection that disturbed areas not needed or used for production in the northern portion of the pad have not been reclaimed pursuant to Rule 1003.

It was observed in this inspection that the western interim reclamation areas have been re-contoured and seeded with a mix predominantly of introduced species that are not reflective of the reference area vegetation.

Pursuant to Rule 1003.e, Seed Mixtures are to be provided by the Surface Owner, or by the local soil conservation district.

Corrective Action

Comply with Rule 1003.b and conduct reclamation at areas not necessary for production operations including, but not limited to, compaction alleviation, recontouring/regrading, replacement of topsoil and revegetation activities.

Pursuant to Rule 210.a, submit documentation showing Surface Owner provided/approved the seed mixture/species used during reclamation. CA Date is reflective of this corrective action (Rule 210.a.).

Date 10/18/2024Overall Interim Reclamation Fail**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
Silt Fences	Fail					

Comment: This location does not comply with Reclamation Rule 1002.f. Rule states Operator shall implement BMPs in accordance with good engineering practices and maintain BMPs until the facility is abandoned and final reclamation is achieved pursuant to Rule 1004. Also, Operators shall employ BMPs for soil stockpiles (i.e., topsoil stockpile).

Operator indicated that the perimeter silt fence was repaired. In this inspection, the silt fence did not appear to be repaired/maintained per good engineering practices. The perimeter BMP does not appear to be an appropriate BMP given the snow accumulation in the winter months, which will continue to cause failures.

Corrective Action: Comply with Rule 1002.f. to implement BMPs in accordance with good engineering practices based on site-specific conditions and maintain BMPs until the facility is abandoned and final reclamation is achieved pursuant to Rule 1004. The CA date remains the same.

Date: 05/31/2024

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
403954996	INSPECTION SUBMITTED	https://ecmc.state.co.us/weblink/DownloadDocumentPDF.aspx?DocumentId=6743407
712300094	Inspection Photos	https://ecmc.state.co.us/weblink/DownloadDocumentPDF.aspx?DocumentId=6743396