

**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:

04/15/2024

Submitted Date:

05/16/2024

Document Number:

697505279

FIELD INSPECTION FORM

Loc ID 436801 Inspector Name: Binschus, Chris 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: 10805
Name of Operator: FULCRUM ENERGY OPERATING LLC
Address: 240 SAINT PAUL STREET SUITE 502
City: DENVER State: CO Zip: 80206

Findings:

- 4 Number of Comments
- 3 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:

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Inspected Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
436790	WELL	SI	10/01/2023	OW	057-06526	Surprise Unit 2-08H	RI

General Comment:

This is an Interim Reclamation and Stormwater inspection. This was a joint inspection with Environmental and Reclamation units. Note- there will be a separate Environmental inspection submitted.

On May 2, 2024, Reclamation Staff, Chris Binschus, had a conference call with the Operator, Annalee Penner and Wes Corliss, regarding Fulcrum locations inspected the week of April 15th, 2024.

The Compliance Unit submitted a Field Inspection Report from a May 1, 2024 inspection. Operator shall comply with all corrective actions from previous inspections.

Inspected Facilities

Facility ID: 436790 Type: WELL API Number: 057-06526 Status: SI 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 **This location does not comply with Reclamation Rule 1002.c. Rule states all stockpiled soils shall be protected from wind and water erosion during production operations. BMPs to prevent weed establishment shall be implemented.**

There is evidence of erosion along the toe of the stockpile. Also, the stockpile has little to no vegetative growth to stabilize the stockpile and that would compete with weedy vegetation and generally work to decrease weed growth. Given the time of this inspection, weed growth is likely dormant but the topsoil stockpile is susceptible to future weed establishment. Weed establishment on the topsoil stockpile can lead to future reclamation complications when performing final reclamation. Refer to Photos 8-9.

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 _____

On May 2nd, Staff discussed leaving Corrective Action dates blank given the timing stipulations and allowing the Operator to determine when the best time would be to complete the work.

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? 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? _____

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

This location does not comply with Reclamation Rule 1003.b. Rule states all disturbed areas affected by subsequent operations shall be reclaimed as early and as nearly as practicable to their original condition or their final land use.

Disturbances along the eastern interim reclamation area were observed, likely related to a remediation project. Refer to Photos 6-7.

Corrective Action

Comply with Rule 1003.b. to reclaim all disturbed areas affected by subsequent operations.

On May 2nd, Staff discussed leaving Corrective Action dates blank given the timing stipulations and allowing the Operator to determine when the best time would be to complete the work.

Date _____

Overall 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

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).

1) Silt fence was in disrepair and has not been properly installed. Refer to Photos 4-5. Note- the previous inspection from the Compliance Unit made the same observation.

2) The topsoil stockpile had evidence of erosion along the toe of the slope without a perimeter BMP. Refer to Photo 8.

Corrective Action: Comply with Rule 1002.f. for the above two observations. 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
403795438	INSPECTION SUBMITTED	https://ecmc.state.co.us/weblink/DownloadDocumentPDF.aspx?DocumentId=6552339
697505280	Inspection Photos	https://ecmc.state.co.us/weblink/DownloadDocumentPDF.aspx?DocumentId=6552330