

**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 FORMLoc ID 436801 Inspector Name: Binschus, Chris 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:**

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:**

Contact Name	Phone	Email	Comment
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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.

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 _____

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 REVEGETATIONCropland

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.

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.

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
697505280	Inspection Photos	https://ecmc.state.co.us/weblink/DownloadDocumentPDF.aspx?DocumentId=6552330