

**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:

712300073

FIELD INSPECTION FORM

Loc ID 436801 Inspector Name: Maxwell, Logan 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:

- 7 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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		alex.fischer@state.co.us	
		chris.binschus@state.co.us	

Inspected Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
436801	LOCATION	AC			-	Surprise Unit 2-08H	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 Unit 2-08H Pad Oil and Gas Location in Jackson County, Colorado. This inspection is a follow-up to Inspection #697505279 dated 4/15/2024, to document compliance with the following corrective actions:

- Interim Reclamation
- Stormwater Management

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 that the Operator 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:

Signs/Marker:

Type	WELLHEAD		
Comment:	API was added to the wellhead sign. This CA is complete.		
Corrective Action:		Date:	

Emergency Contact Number:

Comment:	<input type="text"/>	Date:	<input type="text"/>
Corrective Action:	<input type="text"/>		

Good Housekeeping:

Type	WEEDS		
Comment:	Pursuant to Rule 606.c., Oil and Gas Locations will be kept free of all Undesirable Plant Species. It was observed that weeds were present at the wellhead and along the topsoil stockpile.		
Corrective Action:	Comply with Rule 606.c.	Date:	

Overall Good:

Spills:

Type	Area	Volume		

In Containment: No

Comment:

Multiple Spills and Releases?

Equipment:

Type: Other	#		corrective date
Comment:	Tank next to the wellhead is missing covers/caps; BMPs to prevent wildlife access to the tank missing or insufficient.		
Corrective Action:	Comply With Rule 902.b- Cover/Cap or install other BMPs to prevent wildlife access to the tank, including birds and bats.		Date: 10/18/2024

Venting:

Yes/No			
Comment:			
Corrective Action:		Date:	

Flaring:

Type			
Comment:			
Corrective Action:		Date:	

Inspected Facilities

Facility ID: 436801 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 Pursuant to Rule 1002.c, all stockpiled soils shall be protected from wind and water erosion, and weed establishment, during production operations. It was observed during this inspection that BMPs to protect the stockpile on the Location are missing or insufficient:

-Erosion degradation observed along the slope of the stockpile; stockpile lacks stabilization
-Stockpile has little to no desirable vegetative growth; vegetation is predominantly Undesirable Plant Species, such as Russian Thistle. See attached photo documentation.

Operator indicated that erosion nets and seeding will be implemented this fall.

Corrective Action Comply with Rule 1002.c. and 1002.f. Install or repair required erosion and control BMPs in accordance with good engineering practice to minimize erosion, degradation and sediment transport; temporary BMPs are required to be installed and maintained until long-term stabilization has been achieved.

Comply with Rules 1002.c. and 606.c. Keep stockpile free, and to prevent further spread and establishment, of Undesirable Plant Species.

Date _____

1002E. SURFACE DISTRURBANCE 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

Corrective Action

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: **It was observed in this inspection that BMPs to minimize erosion, degradation, and sediment transport are missing or insufficient:**
 -Sediment trap on the north end of the Location has not been maintained in proper functioning condition, resulting in degradation (Gully erosion) at the slopes.
 -Erosion degradation observed at the topsoil stockpile (See 1002.c).
 The silt fence previously observed has been removed. Operator indicated they would install erosion netting and conduct seeding this fall.

Corrective Action: **Comply with Rules 1002.f- Install or repair required erosion and control BMPs in accordance with good engineering practice to minimize erosion, degradation and sediment transport.**

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
712300097	Inspection Photos	https://ecmc.state.co.us/weblink/DownloadDocumentPDF.aspx?DocumentId=6743402