

**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 FORMLoc ID 436801 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:

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
		kris.neidel@state.co.us	
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		chris.binschus@state.co.us	
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		alex.fischer@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.

LocationOverall Good: ☐**Signs/Marker:**

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

Emergency Contact Number:

Comment:		Date: _____
Corrective Action:		

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		
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In Containment: No

Comment: ☐ Multiple Spills and Releases?**Equipment:**

			corrective date
Type: Other	#		
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 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

Inspection #697505279 observed that interim reclamation was not conducted along the eastern interim reclamation area pursuant to Rule 1003.b. Inspection required Operator to comply with 1003 Rules.

In this inspection, it was observed that the eastern interim reclamation area had not been re-contoured or reseeded, and had little to no desirable vegetative growth; Operator indicated that seeding would occur this fall.

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.

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
403955003	INSPECTION SUBMITTED	https://ecmc.state.co.us/weblink/DownloadDocumentPDF.aspx?DocumentId=6743412
712300097	Inspection Photos	https://ecmc.state.co.us/weblink/DownloadDocumentPDF.aspx?DocumentId=6743402