

**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:

712300071

**FIELD INSPECTION FORM**Loc ID 436642 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:**

11 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
		annalee@fulcrumef.com	
		kris.neidel@state.co.us	
		chris.binschus@state.co.us	
		alex.fischer@state.co.us	
		scott.ramsey@state.co.us	
		wes.corliss@fulcrumef.com	
		inspections@fulcrumef.com	

**Inspected Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
436642	LOCATION	AC	07/15/2024		-	Ray Ranch North 0880 S32 CTB	CI

**General Comment:**

On 9/10/2024, Eastern Reclamation Work Lead Binschus and Reclamation Specialist Maxwell conducted a New Construction and Stormwater inspection in response to Form 42- Notice of Construction (Doc # 403909120) at Fulcrum Energy Operating's Ray Ranch 0880 North Oil and Gas Location in Jackson County, Colorado. Staff had a conversation with the Operator on site to discuss observations and compliance issues.

The following compliance issues were observed during this inspection:

- Signage
- Stormwater BMPs
- OGD and 2A Conditions of Approval

Refer to the "Location Construction," "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 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	OTHER		
Comment:	Pursuant to Rule 605.a, from the time of construction until Reclamation is complete, the Operator will post a sign at the entrance to an Oil and Gas Location that includes the: (1) Oil and Gas Location name; (2) Commission's assigned Oil and Gas Location identification number (ID #); (3) The Operator's telephone number where it may be reached at all times; and (4) Telephone number(s) for local emergency services (911 where available). Signage not yet posted and will be required upon commencement. It was observed in this inspection that signage pursuant to Rule 605.a has not been posted at the entrance of the Location. Signage not yet posted and will be required upon commencement. The entrance sign refers to a separate Location.		
Corrective Action:	Comply with Rule 605.a.	Date:	
Type	OTHER		
Comment:	Pursuant to Rule 406.d., Operator will post a sign not less than 2 feet by 2 feet at the intersection of the lease road and the public road providing access to the Oil and Gas Location, with the name of the proposed Well or Oil and Gas Location, the legal location thereof, and the estimated date of commencement of construction. Such sign will be maintained until Well completion operations and construction operations at the Oil and Gas Location are concluded.  It was observed in this inspection that signage with the information pursuant to Rule 406.d has not been posted; signage currently existing has been posted for the Janet 0780 S5 Location. See inspection #712300072 for additional details.		
Corrective Action:	Comply with Rule 406.d.	Date:	
Type	OTHER		
Comment:	Pursuant to Rule 406.c a copy of the approved Form 2A, and any Form 4 modifying the approved Form 2A, will be posted in a protected and conspicuous place on location upon commencement of operations with heavy equipment until the conclusion of interim Reclamation. It was observed in this inspection that the approved Form 2A, and any Form 4 modifying the approved Form 2A, has not been posted on the Location. Staff discussed this with the Operator and it was indicated that permit information was currently at another Location.		
Corrective Action:	Comply with Rule 406.c.	Date:	

**Emergency Contact Number:**

Comment: 970-594-0477

Corrective Action:

Date: \_\_\_\_\_

Overall Good: ☐**Spills:**

Type	Area	Volume		
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In Containment: No

Comment:

☐ Multiple Spills and Releases?**Venting:**

Yes/No			
Comment:			
Corrective Action:		Date:	

**Flaring:**

Type		
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Comment:			
Corrective Action:		Date:	

### Location Construction

Location ID: 436642 CDP: \_\_\_\_\_

**Comment:** Pursuant to Form 2A #403211514, the size of Location's disturbance area is to be 9.09 acres. At the time of inspection, a disturbance of 7.21 acres for the production and well pad area was mapped using a GPS App. The northeastern portion of the Location had not been disturbed at that time. A follow up inspection will be conducted to ensure compliance with the approved Form 2A for the permitted disturbance area.

Corrective Action: \_\_\_\_\_ **Date:** \_\_\_\_\_

**Form 2A COAs:****Comment:** \_\_\_\_\_

Corrective Action: \_\_\_\_\_ **Date:** \_\_\_\_\_

**Wildlife BMPs:****Comment:** \_\_\_\_\_

Corrective Action: \_\_\_\_\_ **Date:** \_\_\_\_\_

**Stormwater:**

Erosion BMPs	Present	Other BMPs	Present

**Comments:** Erosion BMPs: \_\_\_\_\_

Other BMPs: Operator on site stated that a "Street Sweeper" has been employed to clean sediment tracked off-site and onto the public road. Street Sweeper was not observed on Location at time of inspection.

Corrective Action: \_\_\_\_\_ **Date:** \_\_\_\_\_

		Vehicle Tracking	
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**Comments:** Erosion BMPs: Pursuant to Form 2A COAs, and Operator's SWMP, BMPs, including vehicle tracking controls, were to be installed on the access road for entrance/exit to the pad.

Other BMPs: It was observed in this inspection that vehicle tracking control measures, such as a vehicle track pad, have not been installed; BMPs to minimize off-site sediment transport are missing or insufficient.

Corrective Action: **Comply with Rule 1002.f. and Form 2A COAs** **Date:** \_\_\_\_\_

**Comment:** \_\_\_\_\_

**Corrective Action:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**On Site Inspection (305):**Surface Owner Contact Information:

Name: \_\_\_\_\_ Address: \_\_\_\_\_

Phone Number: \_\_\_\_\_ Cell Phone: \_\_\_\_\_

Operator Rep. Contact Information:

Landman Name: \_\_\_\_\_ Phone Number: \_\_\_\_\_

Date Onsite Request Received: _____	Date of Rule 306 Consultation: _____
Request LGD Attendance: _____	
<u>LGD Contact Information:</u>	
Name: _____	Phone Number: _____
Agreed to Attend: _____	
<u>Summary of Landowner Issues:</u>	
<u>Summary of Operator Response to Landowner Issues:</u>	
<u>Onsite Inspection Memorandum Summarizing Discussions at Inspection as Attachment:</u>	

Inspected Facilities									
Facility ID:	436642	Type:	LOCATION	API Number:	-	Status:	AC	Insp. Status:	CI
The subreport 'InspWellFlowline' could not be found at the specified location \\10.14.12									

Environmental					
<b>Waste Management:</b>					
Type	Management	Condition	GPS (Lat) (Long)		
Comment	Pursuant to Form 2A #403211514, drilling fluids and cuttings will be disposed offsite.				
Corrective Action					Date:
<b>Spill/Remediation:</b>					
Comment:					
Corrective Action:					Date: _____
Emission Control Burner (ECB): _____					
Comment: _____					
Pilot: _____ Wildlife Protection Devices (fired vessels): _____					

**Reclamation - Storm Water - Pit****Interim Reclamation:**

Date Interim Reclamation Started: \_\_\_\_\_ Date Interim Reclamation Completed: \_\_\_\_\_

Land Use: DRY LAND, RANGELAND

Comment: \_\_\_\_\_

**1002 SITE PREPARATION AND STABILIZATION**

1002a. FENCING \_\_\_\_\_

Comment \_\_\_\_\_

Corrective Action \_\_\_\_\_

Date \_\_\_\_\_

1002b. SOIL REMOVAL AND  
SEGREGATION \_\_\_\_\_

Comment

At time of inspection, topsoil salvage operations appear to have been completed on the Location, however there are areas of the Location where it does not appear as though all topsoil had been salvaged pursuant to Rule 1002.b.

A follow-up inspection will be conducted to determine compliance with Rule 1002.b.(2) requirements.

It was observed in this inspection Operator appeared to be in the process of regrading the stockpiles.

Corrective Action \_\_\_\_\_

Date \_\_\_\_\_

1002c. PROTECTION OF SOILS \_\_\_\_\_

Comment

Upon completion of contour work, BMPs to stabilize, as well as to minimize erosion, degradation, sediment transport, as well as to protect from weed establishment, will be required to be installed and maintained pursuant to Rule 1002.c and 1002.f.

All stockpiled soils shall be protected from degradation due to contamination, compaction and, to the extent practicable, from wind and water erosion during drilling and production operations. Operator shall install topsoil stockpile perimeter BMPs.

Corrective Action \_\_\_\_\_

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? \_\_\_\_\_

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****Final Reclamation/ Abandoned Location:**

Date Final Reclamation Started: \_\_\_\_\_

Date Final Reclamation Completed: \_\_\_\_\_

Final Land Use: DRY LAND, 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:

Stormwater BMPs are required to be installed prior to construction activities and at all times during Operations. At the time of inspection, perimeter stormwater BMPs had not been installed. Staff discussed this with the Operator, who indicated that they would install stormwater and erosion control BMPs during the construction phase of the location.  
  
A follow-up stormwater inspection will be conducted at a future date to ensure compliance with Rule 1002.f. standards.

Corrective Action:

Comply with Rule 1002.f- Install or repair required stormwater and erosion control BMPs in accordance with good engineering practices, to manage runoff in a manner that minimizes erosion, degradation and sediment transport.

Date:

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
712300075	Inspection Photos	<a href="https://ecmc.state.co.us/weblink/DownloadDocumentPDF.aspx?DocumentId=6743400">https://ecmc.state.co.us/weblink/DownloadDocumentPDF.aspx?DocumentId=6743400</a>

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