

**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:

712300072

FIELD INSPECTION FORM

Loc ID: 487288 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:

- 16 Number of Comments
- 6 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	
		wes.corliss@fulcrumeo.com	
		inspections@fulcrumeo.com	
		chris.binschus@state.co.us	
		alex.fischer@state.co.us	
		scott.ramsey@state.co.us	

Inspected Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
487288	LOCATION	AC	07/15/2024		-	Janet 0780 S5	CI

General Comment:

On 9/10//2024, Eastern Reclamation Work Lead Binschus and Reclamation Specialist Maxwell conducted a New Construction and Stormwater inspection in reponse to Form 42- Notice of Construction (Doc # 403861134) at Fulcrum Energy Operating's Janet 0780 S5 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:

- Stormwater BMPs
- OGDP and 2A Conditions of Approval

Refer to the "Location," "Reclamation," and "Stormwater" sections of this inspection report for additional details.

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.

A follow up inspection on this site will be conducted to ensure the compliance issues have been corrected to comply with ECMC rules.

Location

Overall Good:

Signs/Marker:

Type	DRILLING/RECOMP		
Comment:	<p>Pursuant to Rule 605.b, from the time of or prior to Move-In, Rig-Up, the Operator will place a sign or marker at the point of intersection of the public road and rig access road, and the sign will be maintained until the drill rig is released. The sign placed during drilling operations will identify the public road to be used in accessing the rig, along with all necessary emergency numbers, and will be posted in a conspicuous place at the drilling rig.</p> <p>At the time of inspection, the sign at the intersection of the public road and rig access road was observed to be missing information.</p>		
Corrective Action:	Comply with Rule 605.b.	Date:	
Type	OTHER		
Comment:	<p>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.</p>		
Corrective Action:	Comply with Rule 406.c.	Date:	
Type	DRILLING/RECOMP		
Comment:	<p>Pursuant to Rule 605.c, during drilling, the Operator will place directional signs at locations sufficient to advise emergency crews where drilling Operations are taking place.</p> <p>At the time of inspection, the sign at the intersection of the public road and rig access road was observed to be missing information.</p>		
Corrective Action:	Comply with Rule 605.c.	Date:	
Type	OTHER		
Comment:	<p>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.</p> <p>At the time of this inspection, the sign was posted at the Location entrance.</p>		
Corrective Action:		Date:	

Emergency Contact Number:

Comment:

Corrective Action:

Date:

Overall Good:

Spills:

Type	Area	Volume			

In Containment: No

Comment:

Multiple Spills and Releases?

Venting:

Yes/No			
Comment:			
Corrective Action:		Date:	

Flaring:

Type		
Comment:		
Corrective Action:		Date:

Location Construction

Location ID: 487288 CDP: _____

Comment: Pursuant to Form 2A #403211377, the size of Location's disturbance area is to be 6.61 acres. At the time of inspection, a disturbance of approximately 6.2 acres for the production and well pad area was mapped.

Corrective Action: _____ Date: _____

Form 2A COAs:

Comment: _____

Corrective Action: _____ Date: _____

Wildlife BMPs:

Comment: Pursuant to Rule 1202.a.(8)., the Operator is required to conduct pre-construction nesting migratory bird surveys between April 1- August 31. The Operator was out of compliance when Staff requested the survey and it was not provided. After discussions with the Operator, they communicated directly with CPW, who provided a 1202.a.(8) waiver on 9/6/2024, excluding them from this requirement.

Corrective Action: _____ Date: _____

Stormwater:

Erosion BMPs	Present	Other BMPs	Present
BERMS			

Comments: Erosion BMPs: At the time of inspection, stormwater BMPs have been installed (berms) around the entire perimeter 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. Refer to the ECMC Comments section for additional stormwater compliance information.

Other BMPs: _____

Corrective Action: _____ Date: _____

Comments: Erosion 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.

Other BMPs: _____

Corrective Action: _____ Date: _____

Comments: Erosion BMPs:

Per Rule 1002.f., operators shall implement and maintain BMPs at all oil and gas locations to control stormwater runoff in a manner that minimizes erosion, transport of sediment offsite, and site degradation. Operators shall implement BMPs in accordance with good engineering practices.

Other BMPs:

It was observed that round river rock was implemented at the stormwater outlet and in check dams in the perimeter ditch not per good engineering practices. Operator indicated that there was a geotextile fabric lining underneath, however Staff did not confirm. A follow up inspections will be conducted at a future date for compliance with Rule 1002.f.

Corrective Action:

Date:

Vehicle Tracking

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 (shared with Ray Ranch North Location).

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. See photo documentation from Inspection #712300071.

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: _____

LGD Contact Information:

Name: _____

Phone Number: _____

Agreed to Attend: _____

Summary of Landowner Issues:

Summary of Operator Response to Landowner Issues:

Onsite Inspection Memorandum Summarizing Discussions at Inspection as Attachment:

Inspected Facilities

Facility ID: 487288 Type: LOCATION API Number: - Status: AC Insp. Status: CI

The subreport 'InspWellFlowline' could not be found at the specified location \\10.14.12

Environmental

Waste Management:

Type	Management	Condition	GPS (Lat) (Long)	
	Comment Pursuant to Form 2A #403211377 drilling fluids and cuttings will be disposed offsite.			
	Corrective Action			Date: <input style="width: 50px;" type="text"/>

Spill/Remediation:

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: IRRIGATED

Comment: _____

1002 SITE PREPARATION AND STABILIZATION

1002a. FENCING _____

Comment _____

Corrective Action _____

Date _____

1002b. SOIL REMOVAL AND SEGREGATION Pass

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 or areas where topsoil had been utilized for other purposes pursuant to Rule 1002.b.*

Corrective Action _____

Date _____

1002c. PROTECTION OF SOILS Fail

Comment *At the time of this inspection, it was observed that topsoil was temporarily tracked. No other BMPs have been implement in conjunction with tracking to minimize erosion, degradation and sediment transport per good engineering practices.*
It was also observed that topsoil materials were utilized in the sediment trap. Utilization of topsoil material as part of stormwater controls does not comport with Rule 1002.c, as this places the topsoil resource at risk to degradation, contamination (commingling with sediment), and loss of the resource.
No perimeter stormwater BMPs had been installed around topsoil stockpile.
Staff was informed that some topsoil was removed by the Surface Owner and that they plan to seed the topsoil pile this fall.

Corrective Action *Comply with Rule 1002.f.(2). and 1002.c. to implement topsoil stormwater BMPs. 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.*

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? _____ 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: IRRIGATED _____

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
Culverts	Fail					

Comment: Per Rule 1002.f., oil and gas operators shall implement and maintain Best Management Practices (BMPs) at all oil and gas locations to control stormwater runoff in a manner that minimizes erosion, transport of sediment offsite, and site degradation.

Pursuant to Form 2A COAs, and Operator's SWMP, BMPs, inlet and outlet protection was to be implemented for two culverts under access road and one culvert extending outside of disturbance area.

At the time of inspection, no inlet/outlet protection was implemented per good engineering practices. See photos 9 and 10.

Corrective Action: Comply with Rule 1002.f. and Form 2A COAs 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
712300082	Inspection Photos	https://ecmc.state.co.us/weblink/DownloadDocumentPDF.aspx?DocumentId=6743401