

**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: _____

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:

- 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 | |
| | | scott.ramsey@state.co.us | |
| | | alex.fischer@state.co.us | |
| | | wes.corliss@fulcrumeo.com | |
| | | inspections@fulcrumeo.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 reponse 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
- OGDPA 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 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: | |
| 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: | |

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: 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:** _____

| Erosion BMPs | Present | Vehicle Tracking | Present |
|--------------|---------|------------------|---------|
| | | | |

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

Waste Management:

| Type | Management | Condition | GPS (Lat) (Long) | |
|-------------------|--|-----------|------------------|---|
| | | | | |
| Comment | Pursuant to Form 2A #403211514, 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: 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 tospoil 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 |
|--------------|----------------------|---|
| 403955001 | INSPECTION SUBMITTED | https://ecmc.state.co.us/weblink/DownloadDocumentPDF.aspx?DocumentId=6743410 |
| 712300075 | Inspection Photos | https://ecmc.state.co.us/weblink/DownloadDocumentPDF.aspx?DocumentId=6743400 |