

**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:

01/12/2024

Submitted Date:

01/19/2024

Document Number:

708200876

FIELD INSPECTION FORMLoc ID 485658 Inspector Name: Edwardson, Dylan On-Site Inspection ☐ 2A Doc Num: _____**Operator Information:**

OGCC Operator Number: 10670

Name of Operator: BISON IV OPERATING LLC

Address: 518 17TH STREET SUITE 1800

City: DENVER State: CO Zip: 80202

Status Summary:

- ☒ THIS IS A FOLLOW UP INSPECTION
- ☒ FOLLOW UP INSPECTION REQUIRED
- ☐ NO FOLLOW UP INSPECTION REQUIRED

Findings:

10 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 |
|--------------------|-------|---------------------|---------|
| AKERS, JOHN AUSTIN | | aakers@bisonog.com | |
| GILLEN, KATIE | | kgillen@bisonog.com | |
| GARZA, TARAH | | tgarza@bisonog.com | |

Inspected Facilities:

| Facility ID | Type | Status | Status Date | Well Class | API Num | Facility Name | Insp Status |
|-------------|----------|--------|-------------|------------|---------|----------------|-------------|
| 485658 | LOCATION | AC | 12/01/2023 | | - | Boomhog 8-59 3 | CI |

General Comment:

This is a follow-up Construction and Stormwater Inspection to previous Field Inspection Report (doc #708200781) conducted on 12/28/2023.

LocationOverall Good: ☐

Emergency Contact Number:

Comment:

Corrective Action:

Date: _____

Good Housekeeping:

| | | | |
|--------------------|---|-------|------------|
| Type | OTHER | | |
| Comment: | Previous inspection (doc #708200769) documented fugitive dust occurring from topsoil salvage and location construction activities. Operator submitted FIRR (doc #403633248; 01/02/2024) stating that the pad was sprayed for dust mitigation and such activities would continue throughout construction. However, during the previous inspection (#708200781; 12/28/2023) Staff did not observe any BMPs for dust mitigation; as of 01/12/2024 the pad construction now appears complete. ECMC Staff is requesting documentation (invoices, photos, work plans, etc) to demonstrate that active dust mitigation BMPs were implemented during construction activities. | | |
| Corrective Action: | Previous CA: Take actions to control fugitive dust per Rule 427.c. Corrective action date is the date the location was observed out of compliance. 01/12/2024 Corrective Action: Operator shall provide documentation (invoices, photos, plans, etc) of dust mitigation activities that occurred throughout construction and include those with the FIRR submission. | Date: | 12/19/2023 |
| Type | TRASH | | |
| Comment: | Trash remains on location (survey stakes, fence debris, etc). Refer to attached inspection photos. | | |
| Corrective Action: | Comply with Rule 606. The corrective action date is being backdated to when the location was first observed to be out of compliance. | Date: | 12/28/2023 |

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: |

| Inspected Facilities | | | | | | | | | |
|----------------------|--------|-------|----------|-------------|---|---------|----|---------------|----|
| Facility ID: | 485658 | Type: | LOCATION | API Number: | - | Status: | AC | Insp. Status: | CI |

| |
|--|
| |
|--|

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

Pass

Comment

Appears topsoil was salvaged and stored along the northern perimeter of the location in compliance with Rule 1002.b.

Corrective Action _____

Date _____

1002c. PROTECTION OF SOILS _____ Fail

Comment

This location does not comply with Rule 1002.c. Previous inspections (doc #708200781; 12/28/2023) documented erosion degradation occurring along the southeastern corner of the disturbance area with evidence of blow sand deposition outside of the fenced disturbance area. Soils have been temporarily stabilized with equipment tracking, however, wind erosion is still evident as equipment tracking is beginning to fill with loose soils. Stabilization BMPs remain inadequate for this location and additional/more robust stabilization BMPs are required. Refer to attached inspection photos.

Corrective Action

Comply with Rule 1002.c. The corrective action date is being backdated to when the location was first observed to be out of compliance.

Date **12/28/2023**

1002E. SURFACE DISTURBANCE MINIMIZATION _____ Fail

Comment

This location does not comply with Rule 1002.e. Lands outside of the fenced disturbance area have accumulated sand/soil deposits from unstabilized soils of the construction area, resulting in deposits ranging in depths of approximately 1/4in to 2in. Eroded soils shall be placed back their relative position (returned to the location) and the impacted areas shall be repaired/reclaimed per the reclamation rules. Refer to attached inspection photos.

Corrective Action

Comply with Rule 1002.e. The location will remain out of compliance until the corrective action has been resolved.

Date **01/12/2024**

1003a. Waste and Debris removed? _____

Comment

See "Good Housekeeping" section comments.

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 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 Operator shall comply with interim reclamation timing requirements.

Corrective Action _____ Date _____

Overall Interim Reclamation

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 |
|---|-----------------|-------------------------|-----------------------|---------------|--------------------------|---------|
| | | | | | | |
| <p>Comment: This location does not comply with Rule 1002.f. It was observed during this inspection that perimeter stormwater controls (filtrex wattles) are inadequate as they are filling with soil or require replacement due to condition (e.g. ripped). Inlet/outlet portection BMPs were also not observed at either the SW or SE stormwater retention areas, or at the access road culvert. Additional stormwater controls/BMPs and maintenance/repairs are required to prevent erosion degradation. Refer to attached inspection photos.</p> <p>Corrective Action: Comply with Rule 1002.f. The location will remain out of compliance until the corrective action has been resolved.</p> <p>Date: 01/12/2024</p> | | | | | | |
| <p>Pits: <input type="checkbox"/> NO SURFACE INDICATION OF PIT</p> | | | | | | |

COGCC Comments

| Comment | User | Date |
|---|------------|------------|
| 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. BMPs shall be maintained until the facility is abandoned and final reclamation is achieved pursuant to Rule 1004. Operators shall employ BMPs, as necessary to comply with this rule, at all oil and gas locations, including, but not limited to, well pads, soil stock piles, access roads, tank batteries, compressor stations, and pipeline rights of way. BMPs shall be selected based on site specific conditions, such as slope, vegetation cover, and proximity to water bodies, and may include maintaining in-place some or all of the BMPs installed during the construction phase of the facility. Where applicable based on site-specific conditions, operators shall implement BMPs in accordance with good engineering practices. | edwardsond | 01/19/2024 |

Attached Documents

You can go to COGCC Images (<https://cogcc.state.co.us/weblink/>) and search by document number:

| Document Num | Description | URL |
|--------------|----------------------|---|
| 403660935 | INSPECTION SUBMITTED | http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=6400170 |
| 708200890 | Inspection Photos | http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=6400163 |