

**FORM
INSP**Rev
X/15**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:

09/13/2018

Submitted Date:

09/13/2018

Document Number:

682503879

FIELD INSPECTION FORMLoc ID: 457131 Inspector Name: Trujillo, Aaron On-Site Inspection: ☐ 2A Doc Num: _____**Operator Information:**

OGCC Operator Number: 10661

Name of Operator: BISON OIL & GAS II LLC

Address: 518 17TH STREET #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:

6 Number of Comments

1 Number of Corrective Actions

☒ Corrective Action Response Requested**Contact Information:**

Contact Name	Phone	Email	Comment
		aakers@bisonog.com	

General Comment:

This is a pre-drill, construction and stormwater inspection. Any corrective action(s) from previous inspections that have not been addressed are still applicable.

Location Construction

Location ID: 457131 CDP: _____

Comment: A disturbance area of 10.47 acres was mapped on 9/12/2018 using a Trimble Juno 3B handheld device; this appears to be in compliance with the approved Form 2A for the permitted disturbance area (10.88).

Corrective Action: _____ Date: _____

Form 2A COAs:

Comment: _____

Corrective Action: _____ Date: _____

Wildlife BMPs:

Comment: _____

Corrective Action: _____ Date: _____

Stormwater:

Erosion BMPs	Present	Other BMPs	Present
		Vehicle Trakcing	Yes`

Comments: Erosion BMPs: Operator actively spraying road with water to mitigate dust.

Other BMPs: _____

Corrective Action: _____ Date: _____

SLOPE ROUGHENING

Comments: Erosion BMPs: Operator has implemented surface roughening along perimeter of the location. This is a temporary erosion control BMP that needs to be used in conjunction with other BMPs. Alternative BMPs should be considered and installed once pad construction has been completed.

Other BMPs: Surface roughening appears to have been traveled over by vehicle traffic rendering the control to no longer be in proper functioning condition. Avoid traveling over BMPs. Conduct ongoing maintenance as needed to ensure BMPs remain in proper functioning condition.

Corrective Action:

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:

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 _____ In _____

Comment _____

Topsoil salvage in process at time of inspection, however, It unclear if sufficient topsoil salvage on the location has been conducted. Contractors performing soil salvage and construction indicate that "~8 inches of topsoil" is being salvaged and stored on the east end of the location". Contractor indicated that he was unaware of the actual depth of the topsoil horizon, and indicated that portions of the location have already been constructed to grade. COGCC rule 1002.b.(2) requires that "operator shall separate and store the topsoil horizon or the top six (6) inches, whichever is deeper....". Inspector dug a sample pit on the Northwest corner of the pad. It appears that the topsoil horizon exceeds 8 inches in depth.

Corrective Action _____

Provide detailed calculations with documentation showing the topsoil depth on the location, and the amount of topsoil horizon that the operator salvaged, separated and stored for the location in accordance with 1002.b.(2). A corrective action date of two weeks is being provided as soil salvage and pad construction in ongoing.

Date **09/27/2018**

1002c. PROTECTION OF SOILS _____ In Process _____

Comment _____

Once topsoil salvage has been conducted in accordance with 1002.b.(2), ensure all stockpiled soils are protected from degradation in accordance withg 1002.c

Corrective Action _____

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 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 _____

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 ☐

Attached Documents

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

Document Num	Description	URL
682503880	Inspection Photos	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4578586