

**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:

08/02/2019

Submitted Date:

08/02/2019

Document Number:

696200520

FIELD INSPECTION FORMLoc ID 454591 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:**

8 Number of Comments

0 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
		aakers@bisonog.com	
Andrews, Doug		doug.andrews@state.co.us	
Wenk, Abigal	720-644-6997	awenk@bisonog.com	Regulatory Manager

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: 454591 CDP: _____

Comment: A disturbance area of 10.2 acres was mapped on 8/2/2019; this appears to be exceed the approved Form 2A for the permitted disturbance area (9.9 acres).

Corrective Action: _____

Date: _____

Form 2A COAs:

Comment: _____

Corrective Action: _____

Date: _____

Wildlife BMPs:

Comment: _____

Corrective Action: _____

Date: _____

Stormwater:

Erosion BMPs	Present	Other BMPs	Present
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	Vehicle Tracking	No`
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Comments: Erosion BMPs: Road currently wet/muddy due to recent rain event. Vehicle tracking/stabilization BMPs missing from access road. Additionally, access road appears to have been constructed across, and damming, a drainage. No BMPs (such as a culvert) have been installed to allow stormwater movement. Access road does not appear to have been constructed in such a manner to mitigate degradation or sediment transport per 1002.f and 1002.e.

Other BMPs:

Corrective Action: _____ Date: _____

RETENTION PONDS	Yes	
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Comments: Erosion BMPs: Operator has installed three (3) sediment traps on the south end of the location. Traps have not been constructed in such a manner to properly function as intended and collect stormwater runoff from the location. Additionally, BMP itself has not been constructed in accordance with good engineering practices; berms along perimeter have not been sufficiently consolidated, trap has not been constructed at an appropriate grade to mitigate stormwater degradation, BMP missing (continued below)

Other BMPs: (continued from above) inlet and outlet protection.

BMP will need to be installed in accordance with good engineering practices per 1002.f (2). A follow-up inspection will be conducted to document compliance with COGCC rules.

Corrective Action: _____ Date: _____

SLOPE ROUGHENING	Yes	
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Comments: Erosion BMPs: Operator has implemented surface roughening (ripping) along the perimeter of the disturbance area. This is a temporary BMP that needs to be used in conjunction with other BMPs. No other perimeter controls appear to have been installed to be used in conjunction with surface roughening.

Surface roughening appears to have been traveled over on the south and southeastern ends of the location, and is no longer in proper functioning condition.

Other BMPs:

Corrective Action: _____ Date: _____

Comment: _____

Corrective Action: Install or repair required BMPs per Rule 1002.f. **Date:** 08/05/2019

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:

<u>Summary of Operator Response to Landowner Issues:</u>	
<u>Onsite Inspection Memorandum Summarizing Discussions at Inspection as Attachment:</u>	

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 _____

Soil removal and segregation appears to be in process at time of inspection. Topsoil on the eastern areas of the location do not appear to have been salvaged at time of inspection.

Ensure all topsoil salvage and segregation is conducted from the disturbance area in accordance with 1002.b

Corrective Action _____

Date _____

1002c. PROTECTION OF SOILS _____ In Process _____

Comment _____

Soil removal and segregation appears to be in process at time of inspection. Ensure BMPs are installed at slopes and stockpiled soils to ensure protection of soils in accordance with 1002.c

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 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
696200521	Inspection Photos	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4899218