

**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:

08/16/2019

Submitted Date:

08/19/2019

Document Number:

696200608

FIELD INSPECTION FORM

Loc ID 455519 Inspector Name: Trujillo, Aaron On-Site Inspection 2A Doc Num: _____

Status Summary:
 THIS IS A FOLLOW UP INSPECTION
 FOLLOW UP INSPECTION REQUIRED
 NO FOLLOW UP INSPECTION REQUIRED

Findings:
7 Number of Comments
3 Number of Corrective Actions
 Corrective Action Response Requested

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

ANY CORRECTIVE ACTION(S) FROM PREVIOUS INSPECTIONS THAT HAVE NOT BEEN ADDRESSED ARE STILL APPLICABLE

Contact Information:

Contact Name	Phone	Email	Comment
		denise.arthur@state.co.us	
		aakers@bisonog.com	

Inspected Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
455519	LOCATION	AC			-	Boomslang Fed 8-60 14B	CI

General Comment:

On 8/16/2019, Reclamation Specialist Trujillo conducted a construction, pre-drill stormwater inspection inspection at Bison Oil and Gas' Boomslang Fed 8-60 14B location in Weld County, Colorado.

This inspection is a follow-up stormwater inspection to #696200568 dated 8/8/2019

This inspection is to document compliance for the following corrective actions:
 1002.f: Stormwater Management.

During this inspection, it was observed that:
 1) Stormwater BMPs have not been installed in accordance with good engineering practices.

Refer to the stormwater section of this inspection report for additional details.

Refer to the photo-documentation of the observed compliance issues attached to this report.

Any corrective action(s) from previous inspections that have not been addressed are still applicable.

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

Location Construction

Location ID: 455519 CDP: _____

Comment: _____

Corrective Action: _____ Date: _____

Form 2A COAs:

Comment: _____

Corrective Action: _____ Date: _____

Wildlife BMPs:

Comment: _____

Corrective Action: _____ Date: _____

Stormwater:

Erosion BMPs	Present	Other BMPs	Present
DITCHES	Yes		

Comments: Erosion BMPs: Inspection #696200568 documented that ditch/berms along perimeter of the location, pad and soil stockpiles were not installed in accordance with good engineering practices.

It was observed that Operator has repaired BMP; Ditch appears to be sufficiently consolidated. Operator has used a trackifier as a stabilization control within the ditch.

Continue to monitor and maintain BMP to ensure BMP remains in proper functioning condition.

Other BMPs: _____

Corrective Action: _____ Date: _____

WADDLES	Yes		
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Comments: Erosion BMPs: It was observed that Operator has selected/placed straw wattles within the ditch of the location. Wattles appear to have been placed as a "Velocity Check". Straw wattles have not been installed in accordance with good engineering practices. Wattles are required to be trenched and back-filled in order to be in proper functioning condition. Insufficient trenching/backfilling will result in degradation to the ditch due to stormwater cutting and passing beneath the wattle.

Other BMPs: Wattles have been installed/placed at the inlet/outlet of the sediment traps. Wattles are a stormwater ponding BMP and alone are insufficient for inlet/outlet protection, or as a stabilization BMP. Operator has also implemented tackifier and tracking in conjunction with one another within ditches and slopes that may mitigate issues resulting from improperly installed BMP.

Corrective Action: **Install or repair required BMPs per Rule 1002.f, and in accordance with good engineering practices.** Date: **08/09/2019**

			No`
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Comments: Erosion BMPs: Inspection #696200568 documented insufficient armoring/stormwater protection at culverts along access road.

It was observed tha tarmoring/stormwater protection at culverts along access road remains insufficient. See photos 3, 5. Original corrective action and date remains applicable.

Other BMPs: _____

Corrective Action: **Install or repair required BMPs per Rule 1002.f, and in accordance with good engineering practices.** Date: **08/09/2019**

RETENTION PONDS	Yes	
<p>Comments: Erosion BMPs: Inspection #696200568 documented that the sediment traps on the location appear to be sufficient in size. However traps were not constructed in accordance with good engineering practices.</p> <p>It was observed that additional work to the BMP has been conducted, however BMP has not been constructed with sufficient inlet/outlet protection in accordance with good engineering practices: Additional smaller sized rip-rap has been placed at outlet (continued below)</p> <p>Other BMPs: in conjunction with the large coarse material observed in the previous inspection. It does not appear as though operator has installed a geotextile lining beneath the coarse aggregate and rip-rap, and sufficient inlet protection remains missing.</p> <p>Corrective Action: Install or repair required BMPs per Rule 1002.f, and in accordance with good engineering practices. Date: 08/09/2019</p>		

SLOPE ROUGHENING	Yes	
<p>Comments: Erosion BMPs: Inspection #696200568 documented that the tracking BMPs to stabilize the slopes of the location have not been installed in accordance with good engineering practices.</p> <p>It was observed that the tracking has been reinstalled up and down the slopes and is now being used in conjunction with a tackifier. BMPs appear to be in proper functioning condition. This corrective action has been addressed</p> <p>Other BMPs: Continue to monitor and maintain BMP to ensure BMP remains in proper functioning condition.</p> <p>Corrective Action: _____ Date: _____</p>		

Comment: The corrective action date of 8/9/2019 remains applicable. Stormwater and erosion control BMPs are required to be installed in accordance with good engineering practices, and maintained in proper functioning condition at all times in accordance with 1002.f.

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: 455519 Type: LOCATION API Number: - Status: AC Insp. Status: CI

Attached Documents

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

Document Num	Description	URL
402149827	INSPECTION SUBMITTED	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4913720
696200609	Inspection Photos	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4913709