

**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:

12/09/2019

Submitted Date:

12/10/2019

Document Number:

696200878

FIELD INSPECTION FORMLoc ID 452871 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

2 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
Binschus, Chris		chris.binschus@state.co.us	
		awenk@bisonog.com	
Arthur, Denise		denise.arthur@state.co.us	
O&G, Bison	720-644-6997	ops@bisonog.com	All inspections
		aakers@bisonog.com	
,		dnr_cogccenforcement@state.co.us	

Inspected Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
452871	LOCATION	AC			-	Castor 8-59 19	CI

General Comment:

On 12/09/2019, Reclamation Specialist Trujillo conducted a stormwater inspection at Bison Oil & Gas II LLC's Castor 8-59 /19 location in Weld County, Colorado.

This inspection is a follow-up stormwater inspection to #682504582 dated 3/8/2019, #682504817 dated 4/26/2019, #696200364 dated 7/8/2019, #696200606 dated 8/16/2019 and #696200786 dated 9/20/2019.

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

It was documented that subsequent drilling operations on the Location is currently in process; Additional maintenance has been conducted to the two (2) sediment traps on the northwest/northeast ends of the pad; tackifier appears to have been applied to the cut slope on the southeast corner of the pad; tracking pad has filled with sediment and is no longer in proper functioning condition; multiple barrels of various chemicals observed outside of secondary containment; various chemicals/spills observed upon the surface of the pad.

The following alleged compliance issues were observed during this inspection:
1002.f: Stormwater Management

On 12/10/2019, Reclamation Specialist Trujillo contact Abigail Wenk (Regulatory Manager, Bison Oil & Gas) at approximately 08:42 hours to provide notice of the above issues observed, and the immediate requirement for issues to be addressed.

Refer to the "Stormwater" sections 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. Operator is directed to perform corrective actions outlined on this inspection report immediately. Doing so may decrease the duration of the alleged violations and the penalties that may be assessed pursuant to Rule 523.

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: 452871 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
		Vehicle Tracking	

Comments: Erosion BMPs: It was observed in this inspection that the vehicle tracking pad on the east end of the location has not been maintained; BMP has filled with sediment and is no longer in proper functioning condition. See photos 37, 38.

Other BMPs: _____

Corrective Action: Install/Repair Stormwater and erosion control BMPs in accordance with 1002.f. Ensure BMPs are installed in accordance with good engineering practice and maintained in proper functioning condition. Date: _____

RETENTION PONDS

Yes

Comments: Erosion BMPs:

Previous inspections documented that the sediment traps on the Northwest and Northeast corners of the pad have not been constructed in accordance with good engineering practices.

It was observed in this inspection that additional maintenance has been conducted on the sediment traps; at time of the inspection, BMPs appeared to be installed in accordance with good engineering practices and in proper functioning condition.

Other BMPs:

Continue to conduct ongoing stormwater monitoring, maintenance and management on the Location pursuant to 1002.f

Corrective Action:

Date:

Yes

Comments: Erosion BMPs:

Previous inspections documented insufficient BMPs on the southern/eastern cut slopes, as well as erosion degradation.

It was observed in this inspection that a tackifier mulch appears to have been applied to the Southeast corner/cut slope. It is noted however, that the BMP appears to be degrading and is unlikely to remain sufficient to maintain slope stabilization as there are areas where erosion shows signs of recurring. See photos 3, 4.

Other BMPs:

Operator is directed to monitor and maintain BMP to ensure slopes remain stabilized pursuant to Rule 1002.f. A follow-up inspection will be conducted to determine compliance with Rule 1002.f

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

Storm Water:

Loc Erosion BMPs	BMP Maintenance	Lease Road Erosion BMPs	Lease BMP Maintenance	Chemical BMPs	Chemical BMP Maintenance	Comment
Hydro Mulch	In Process					Tackifier, cut slopes
		Tracking Pad	Fail			
				Material Handling And Spill Prevention	Fail	
Sediment Traps	Pass					NW/NE corners

Comment: It was observed in this inspection that Operator has failed to conduct proper materials management pursuant to Rule 1002.f; multiple and various chemical barrels were observed stored on the Location without secondary containment; various chemical/materials were observed spilled onto the soil surface of the pad; chemicals (possible E&P waste) spilled onto the soil surface of the pad with discharge into the perimeter stormwater diversion ditch. It is noted that the spills/materials observed are adjacent to the stormwater diversion ditch, which may result in pollutants contaminating stormwater and discharging off Location. See photos 9-25.

Corrective Action: Comply with Rule 1002.f. Implement BMPs following good engineering practices to minimize contact with stormwater and precipitation. Implement or modify BMPs for improved material handling and spill prevention.

Date: _____

Pits: ☐ NO SURFACE INDICATION OF PIT

Attached Documents

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

Document Num	Description	URL
696200879	Inspection Photo	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5009382