

**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:

09/20/2019

Submitted Date:

09/23/2019

Document Number:

696200792**FIELD INSPECTION FORM**
 Loc ID 454166 Inspector Name: Trujillo, Aaron On-Site Inspection ☐ 2A Doc Num:
Operator Information:OGCC Operator Number: 10661Name of Operator: BISON OIL & GAS II LLCAddress: 518 17TH STREET #1800City: 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 Comments6 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
,		dnr_cogccenforcement@state.co.us	
		aakers@bisonog.com	

Inspected Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
454166	LOCATION	AC			-	Hunt 8-60 6C	RI

General Comment:

On 09/20/2019, Reclamation Specialist Trujillo conducted a follow-up construction and stormwater inspection at Bison Oil and Gas' Hunt 8-60 location in Weld County, Colorado.

This inspection is a follow-up to inspection #682504584 dated 3/8/2019, and #696200612 dated 8/20/2019.

This inspection is also in regards to Sundry doc. #401844836 requesting a 502.b delayed interim reclamation variance for a duration not to exceed five (5) years

This inspection is to document compliance for the following corrective actions:

210.d: Required signage missing at tanks at battery.

210.d(2): Labels not posted, or labelling illegible on barrels/containers.

603.f: Weed establishment on location and around equipment

603.f: Noxious weed management

603.f / 1002.f: Proper materials management. Barrels/containers observed on location without secondary containment.

1002.c: Weed establishment on topsoil pile. Stabilization BMPs

907.e / 1002.f: Stained soils observed around equipment and barrels outside of containment.

1002.f: Stormwater degradation on location. Insufficient stormwater and erosion control BMPs; BMPs not been installed in accordance with good engineering practices, and/or maintained in proper functioning condition. Sediment transport off location. Ponding at wells and location with vehicle tracking evident.

The following compliance issues were observed during this inspection:

210.d: Required signage missing at tanks at battery.

210.d(2): Labels not posted, or labelling illegible on barrels/containers.

603.f / 1002.f: Proper materials management. Barrels/containers observed on location without secondary containment.

907.e / 1002.f: Stained soils observed around equipment.

1003.c: Compaction alleviation.

It was observed that interim reclamation was in process and contractors on site were observed installing stormwater and erosion control BMPs.

Refer to the "Location", "Reclamation", "Stormwater" and "COGCC Comments" 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.

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

LocationOverall Good: ☐**Signs/Marker:**

Type	TANK LABELS/PLACARDS		
Comment:	<p>Previous inspections documented that the required signs or labels (capacity, contents, NFPA, etc...) are not posted on tanks at the battery.</p> <p>It was observed that the required signs or labels remain un-posted on tanks at battery. See photos 9-11</p> <p>This corrective action has not been addressed and remains applicable.</p>		
Corrective Action:	Install signage/labelling to comply with Rule 210.b.	Date:	09/21/2019
Type	CONTAINERS		
Comment:	<p>Previous inspections documented that that labels were not posted, or labelling illegible on barrels/containers on location.</p> <p>It was observed int this inspection that labels were not posted, or labelling illegible on barrels/containers on location; Unable to clearly identify contents. See photos 5-8</p>		
Corrective Action:	Install required signage/labelling on barrels/containers to comply with Rule 210.b	Date:	09/21/2019

Emergency Contact Number:

Comment:

Corrective Action:

Date: _____

Good Housekeeping:

Type	WEEDS		
Comment:	Previous inspection documented noxious weed and other undesirable weedy plant establishment on location and around equipment. Weed management appears to have been conducted.		
Corrective Action:		Date:	
Type	STORAGE OF SUPL		
Comment:	<p>Previous inspections documented containers stored outside of secondary containment. Inspections required operator to comply with 603.f and 1002.f(2).b and place containers into secondary containment, or remove from location and properly store.</p> <p>It was observed in this inspection that barrels/containers remain stored on location without secondary containment. See photos 7-8.</p> <p>Original corrective action and date remains applicable.</p>		
Corrective Action:	Comply with 603.f and 1002.f(2).b and place materials into secondary containment, or remove and properly store.	Date:	03/26/2019
Type	OTHER		
Comment:	<p>Previous inspections documented stained soils around equipment, and barrels outside of containment.</p> <p>It was observed in this inspection that the stained soils have not been sufficiently treated or disposed per corrective actions.</p>		
Corrective Action:	Properly treat or dispose of oily waste in accordance with 907.e.	Date:	09/21/2019

Overall Good: ☐**Spills:**

Type	Area	Volume		
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In Containment: No

Comment:

☐ Multiple Spills and Releases?

Venting:

Yes/No			
Comment:			
Corrective Action:		Date:	

Flaring:

Type		
Comment:		
Corrective Action:		Date:

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 _____

Comment _____

It was observed that Operator appears to be conducting interim reclamation on the location.

It appears the Operator has used all the topsoil for Interim Reclamation. Contractor on site conducting work indicated that all topsoil was planned to be used for interim reclamation. This is not advisable; If Operator salvages all the topsoil from the disturbance areas, there should be topsoil remaining to facilitate Final Reclamation activities.

Corrective Action _____

Date _____

1002c. PROTECTION OF SOILS _____

Comment _____

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? **Fail** _____

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 **Contractor on site was observed conducting compaction alleviation on location. Contractor was observed ripping interim areas once, in one direction. Reclamation specialist discussed compaction alleviation activities with the contractor who identified himself as "Reese", and was notified that the location was not planned to be cross-ripped in accordance with 1003.c. In addition, it was observed that the teeth used to conduct compaction alleviation were not sufficient in size to rip to a minimum depth of eighteen (18) inches in accordance with 1003.c. See photos 18-20**

Corrective Action **Comply with 1003.c and conduct compaction alleviation (cross-ripping) to a minimum depth of 18 inches. The date of inspection is being used as the corrective action date**

Date **09/20/2019**

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 <input type="checkbox"/>	Multi-Well Location <input type="checkbox"/>

Storm Water:

Loc Erosion BMPs	BMP Maintenance	Lease Road Erosion BMPs	Lease BMP Maintenance	Chemical BMPs	Chemical BMP Maintenance	Comment
Waddles	In Process					
Ditches	In Process					
Sediment Traps	In Process					

Comment:	<p>Previous inspections required operator to comply with 1002.f.</p> <p>Interim reclamation in process and crews were observed on location installing perimeter stormwater and erosion control BMPs.</p> <p>Corrective action will remain applicable until addressed in its entirety, and sufficient stormwater and erosion control BMPs have been installed on location in accordance with good engineering practices.</p>		Date: 04/12/2019
Corrective Action:	<p>Install or repair required BMPs per Rule 1002.f, and in accordance with good engineering practices.</p>		
Pits: <input type="checkbox"/> NO SURFACE INDICATION OF PIT			

COGCC Comments

Comment	User	Date
Operator submitted sundry doc. #401844836 requesting a 502.b delayed interim reclamation variance. Operator appears to be conducting interim reclamation.	trujilloam	09/23/2019
If variance is no longer required, contact Reclamation Specialist via email (aaron.trujillo@state.co.us) requesting withdrawal of the sundry.		

Attached Documents

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

Document Num	Description	URL
696200793	Inspection Photos	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4944996