



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.

**Location**

Overall Good:

<b>Signs/Marker:</b>			
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
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

<b>Emergency Contact Number:</b>			
Comment:	<input type="text"/>		
Corrective Action:	<input type="text"/>		
		Date:	_____

<b>Good Housekeeping:</b>			
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
Type	WEEDS		
Comment:	<p>Previous inspection documented noxious weed and other undesirable weedy plant establishment on location and around equipment. Weed management appears to have been conducted.</p>		
Corrective Action:		Date:	

Overall Good:

<b>Spills:</b>			
Type	Area	Volume	

In Containment: No

Comment:

Multiple Spills and Releases?

**Venting:**

Yes/No			
Comment:			
Corrective Action:		Date:	

**Flaring:**

Type		
Comment:		
Corrective Action:		Date:

**Inspected Facilities**

Facility ID: 454166 Type: LOCATION API Number: - Status: AC Insp. Status: RI

**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 \_\_\_\_\_

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 REVEGETATION

Cropland

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  Multi-Well Location

**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: [Previous inspections required operator to comply with 1002.f.](#)  
[Interim reclamation in process and crews were observed on location installing perimeter stormwater and erosion control BMPs.](#)  
[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.](#)

Corrective Action: [Install or repair required BMPs per Rule 1002.f, and in accordance with good engineering practices.](#) Date: 04/12/2019

**Pits:**  NO SURFACE INDICATION OF PIT

**COGCC Comments**

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

**Attached Documents**

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

Document Num	Description	URL
402186374	INSPECTION SUBMITTED	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4945021">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4945021</a>
696200793	Inspection Photos	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4944996">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4944996</a>