

**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:

11/05/2019

Submitted Date:

11/19/2019

Document Number:

696200818

**FIELD INSPECTION FORM**

Loc ID: 315169    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:**

6 Number of Comments

3 Number of Corrective Actions

Corrective Action Response Requested

**Operator Information:**

OGCC Operator Number: 96155

Name of Operator: WHITING OIL & GAS CORPORATION

Address: 1700 BROADWAY STE 2300

City: DENVER    State: CO    Zip: 80290

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

**Contact Information:**

Contact Name	Phone	Email	Comment
,		WhitingWesternCO@Whiting.com	All Inspections

**Inspected Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
230361	WELL	PA	06/30/2016	GW	103-08023	HILL 11-6	RI
315169	LOCATION	CL			-	HILL-61N101W 6NESW	RI

**General Comment:**

On 11/05/2019, Reclamation Specialist Trujillo conducted a final reclamation and stormwater inspection at Whiting Oil and Gas' Hill 11-6 location in Rio Blanco County, Colorado.

Location Fee Surface/Fee Mineral. Well PA 2016, at least 3 growing seasons have passed.

It was documented that:  
Reclamation over the location appears to be progressing towards COGCC 1004 reclamation standards, however additional seeding may be needed to achieve uniform vegetative establishment.

Access road and facility location is not progressing towards COGCC 1004 reclamation standards; gravel appears to be remaining on access road and appears to be hindering vegetative establishment; fence at location entrance and CR 218 in disrepair, vehicle access/travel over reclamation area evident. Stormwater erosion degradation evident on slope at pad entrance. Pipe half buried remaining at facility location.

The following alleged compliance issues were observed during this inspection:  
1004.a: Disturbed areas not progressing towards reclamation requirements. Pipe remaining.  
1002.f: Stormwater management

Refer to the "Reclamation" and "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**

<b>Lease Road:</b>			
Type	Access		
comment:	Operator installed a fence at the access road entrance. It was observed that the orange fence is in disrepair; vehicle travel over the reclamation area evident. See photo 2 in the attached photo document.		
Corrective Action:	Repair and maintain fence.	Date:	12/19/2019

Overall Good:

<b>Emergency Contact Number:</b>	
Comment:	<input style="width: 100%;" type="text"/>
Corrective Action:	<input style="width: 100%;" type="text"/>
Date:	<input style="width: 100%;" type="text"/>

Overall Good:

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

In Containment: No

Comment:

Multiple Spills and Releases?

**Venting:**

Yes/No			
Comment:	<input style="width: 100%;" type="text"/>		
Corrective Action:	<input style="width: 100%;" type="text"/>		Date:

**Flaring:**

Type			
Comment:	<input style="width: 100%;" type="text"/>		
Corrective Action:	<input style="width: 100%;" type="text"/>		Date:

**Inspected Facilities**

Facility ID: 230361 Type: WELL API Number: 103-08023 Status: PA Insp. Status: RI

Facility ID: 315169 Type: LOCATION API Number: - Status: CL Insp. Status: RI

**Reclamation - Storm Water - Pit**

**Interim Reclamation:**

Date Interim Reclamation Started: \_\_\_\_\_ Date Interim Reclamation Completed: \_\_\_\_\_

Land Use: \_\_\_\_\_

Comment: \_\_\_\_\_

**1002 SITE PREPARATION AND STABILIZATION**

1002a. FENCING \_\_\_\_\_

Comment \_\_\_\_\_

Corrective Action \_\_\_\_\_

Date \_\_\_\_\_

1002b. SOIL REMOVAL AND SEGREGATION \_\_\_\_\_

Comment \_\_\_\_\_

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? \_\_\_\_\_  
 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

Corrective Action

Date \_\_\_\_\_

Overall Interim Reclamation

**Final Reclamation/ Abandoned Location:**

Date Final Reclamation Started: \_\_\_\_\_ Date Final Reclamation Completed: \_\_\_\_\_

Final Land Use: \_\_\_\_\_

Reminder: \_\_\_\_\_

Comment:

Well plugged \_\_\_\_\_ Pit mouse/rat holes, cellars backfilled \_\_\_\_\_

Debris removed \_\_\_\_\_ No disturbance /Location never built \_\_\_\_\_

Access Roads Regraded \_\_\_\_\_ Contoured \_\_\_\_\_ Culverts removed **Fail**

Gravel removed \_\_\_\_\_

Location and associated production facilities reclaimed **Fail** Locations, facilities, roads, recontoured \_\_\_\_\_

Compaction alleviation \_\_\_\_\_ Dust and erosion control **Fail**

Non cropland: Revegetated 80% **Fail** 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 **04/15/2020**

Remove pipe and conduct additional reclamation in accordance with COGCC 1000 series rules. Establish vegetation with total perennial, non-invasive uniform plant cover of at least eighty (80) percent of pre-disturbance or reference area levels. Use a seed mixture requested by the surface owner, or a mixture prescribed by the local county NRCS. Ensure erosion controls are implemented to stabilize the seeded soil, and continue to monitor and manage this site until Final Reclamation has passed. Revegetation activities shall be completed no later than 4/15/2020.

Overall Final Reclamation **Fail** 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
			Fail			

Comment: Erosion degradation observed along the sloped portions of the access road directly east of the well location; insufficient stormwater and erosion control BMPs have been installed and/or maintained. See photos 6,7.

Corrective Action: **Comply with 1002.f**

Date: 12/19/2019

**Pits:**  NO SURFACE INDICATION OF PIT

**COGCC Comments**

Comment	User	Date
<p><b>RECLAMATION COMMENT</b></p> <p>It was observed in this inspection that the well location appears to be progressing towards reclamation requirements. Additional seeding may be required to achieve uniform desirable vegetative establishment.</p> <p>It was also observed that access road and battery location is not progressing towards COGCC 1004 reclamation requirements; Pipe remaining at the battery location. Insufficient desirable perennial vegetation establishing on access road and battery/facility location; Gravel appears to be remaining along access road and is likely hindering reclamation, material not observed on soils of reference area. Orange fence at access road in disrepair and vehicle travel over the reclamation area evident (see "lease road"). Stormwater erosion evident on sloped portions of the access road (see "stormwater").</p>	trujilloam	11/19/2019

**Attached Documents**

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

Document Num	Description	URL
402243162	INSPECTION SUBMITTED	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4991995">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4991995</a>
696200819	Inspection Photos	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4991986">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4991986</a>