

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

OGCC Operator Number: 96155

Name of Operator: WHITING OIL & GAS CORPORATION

Address: 1700 BROADWAY STE 2300

City: DENVER State: CO Zip: 80290

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**Lease Road:**

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: ☐**Emergency Contact Number:**

Comment:		Date: _____
Corrective Action:		

Overall Good: ☐**Spills:**

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:	<u>230361</u>	Type:	<u>WELL</u>	API Number:	<u>103-08023</u>	Status:	<u>PA</u>	Insp. Status:	<u>RI</u>
Facility ID:	<u>315169</u>	Type:	<u>LOCATION</u>	API Number:	<u>-</u>	Status:	<u>CL</u>	Insp. Status:	<u>RI</u>

--

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 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 _____

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: [SEE "COGCC COMMENTS" FOR COMMENTS REGARDING RECLAMATION](#)

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>RECLAMATION COMMENT</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
696200819	Inspection Photos	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4991986