

**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:

10/18/2017

Submitted Date:

10/19/2017

Document Number:

682502716

**FIELD INSPECTION FORM**

Loc ID 312291 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

**Operator Information:**

OGCC Operator Number: 95620  
Name of Operator: WESTERN OPERATING COMPANY  
Address: 1165 DELAWARE STREET #200  
City: DENVER State: CO Zip: 80204

**Findings:**

- 5 Number of Comments
- 2 Number of Corrective Actions
- Corrective Action Response Requested

**Contact Information:**

Contact Name	Phone	Email	Comment
		dale@westernoperating.com	
		steve@westernoperating.com	
		tcrumley@comcast.net	

**General Comment:**

This is a follow-up reclamation and stormwater inspection to doc. #675103918. Any corrective actions from previous inspections that have not been addressed are still applicable.



**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 Inspection #675103918 required operator to perform remediation/reclamation at areas of erosion degradation. This corrective action remains applicable.

Corrective Action See "COGCC Comments" for corrective action

Date 11/15/2017

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 \_\_\_\_\_

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
<p>Comment: <a href="#">Inspection #675103918 required operator to implement temporary stabilization controls to prevent further degradation from occurring, until more permanent stabilization controls have been installed and reclamation activities conducted. No BMPs have been installed. Original CA and CA date remains in place.</a></p>						
<p>Corrective Action: <a href="#">Properly select, install and maintain stormwater and sediment control BMPs in accordance to 1002.f and good engineering practices.</a></p>						Date: 10/12/2017
<p><b>Pits:</b> <input type="checkbox"/> NO SURFACE INDICATION OF PIT</p>						
Type: <u>Produced Water</u>		Lined: <u>NO</u>	Pit ID:	Lat:	Long:	
Reference Point:	Other:	Length:	Width:			
<b>Lining:</b>						
Liner Type:			Liner Condition:			
Comment:						
Corrective Action						Date: <u>c</u>
<b>Fencing:</b>						
Fencing Type:			Fencing Condition:			
Comment:						
Corrective Action						Date:
<b>Netting:</b>						
Netting Type:			Netting Condition:			
Comment:						
Corrective Action						Date:
Anchor Trench Present:		Oil Accumulation:		2+ feet Freeboard:		
<p>Comment: <a href="#">Inspection #675103918 required operator to test soil from bare areas below pit location. Operator submitted sundry doc. #401427753 10/12/2017 with results. Inspection required operator to submit a form 27 to EPS if impacted areas are greater than table 910-1 standards. Operator submitted form 27 #401254768 on 10/4/2017. This corrective action has been addressed.</a></p>						
Corrective Action						Date:

COGCC Comments		
Comment	User	Date
<p>If soil sampling and analysis indicates areas do not meet 910-1 standards, perform remediation and maintain stabilization BMPs until standards are met, at which point revegetation activities shall be conducted. If areas meet 910-1 standards, reclaim the disturbed areas in accordance to COGCC 1000 series reclamation rules and standards; <b>Regrade</b> disturbed areas and 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 reclamation has passed. Remediation and/or revegetation activities shall be conducted no later than 11/15/2017</p>	trujilloam	10/19/2017

**Attached Documents**

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

Document Num	Description	URL
401435762	INSPECTION SUBMITTED	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4279467">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4279467</a>
682502717	Inspection Photos	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4279459">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4279459</a>