

**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:

08/20/2020

Submitted Date:

08/21/2020

Document Number:

693902167

**FIELD INSPECTION FORM**

Loc ID 312068 Inspector Name: ROY, CATHERINE 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: 10679  
Name of Operator: LOGOS OPERATING LLC  
Address: 2010 AFTON PLACE  
City: FARMINGTON State: NM Zip: 87415

**Findings:**

- 5 Number of Comments
- 2 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
Sessions, Tamra		tsessions@logosresourcesllc.com	<a href="#">All Inspections</a>
Rowley, Darren		drowley@logosresourcesllc.com	<a href="#">All inspections</a>

**Inspected Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
216555	WELL	PR	07/01/2019	GW	067-08161	BONDAD 33-9 13A	RI

**General Comment:**

This is an interim reclamation and stormwater inspection. Location is shared between BP America and Logos Operating. It is the responsibility of both operators to coordinate and ensure compliance with reclamation regulations. Operator submitted FIR Resolution Form documents operator's response to corrective actions identified during a 2018 reclamation inspection. During this inspection the following compliance issues were observed:

- Long-term stormwater and erosion controls need to be installed to stabilize the well pad cut and fill-slopes, and reduce sedimentation, by 9/30/2020.
- Weeds need to be controlled by 9/30/2020. Subsequent treatments are needed.

See below, and attached photos for additional detail.

**Inspected Facilities**

Facility ID: 216555 Type: WELL API Number: 067-08161 Status: PR 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? Pass

Comment \_\_\_\_\_

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

Date \_\_\_\_\_

Unused or unneeded equipment onsite? Pass

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? \_\_\_\_\_ F \_\_\_\_\_

Comment Approximately 2000 Russian knapweeds, 300 Canada and Scotch thistles, and tamarisk observed within the project area. Poor revegetation on the well pad cut and fill slopes. See Corrective action under "Stormwater" for erosion controls.

Corrective Action Weeds need to be controlled. Continued and subsequent monitoring and treatment are needed until weed infestations are controlled. This is the second corrective action for weeds at this location.

Date 09/30/2020

Overall Interim Reclamation Fail

**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: <input style="width: 95%;" type="text"/>	Date: <input style="width: 95%;" type="text"/>
Overall Final Reclamation <input type="checkbox"/>	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

Comment:  Corrective Action:	<p style="color: blue;">Diversion ditch along the western fill and eastern cut-slopes are full of sediment. Stormwater flows are tunneling through the western berm resulting in erosional gullyng on the slope. Little desirable vegetation is present on the slopes.</p> <p style="color: red;">Stormwater and erosion controls installed in response to 2018 reclamation inspection are not adequate. Long-term stormwater controls and erosion controls including slope stabilization measures, need to be installed to stabilize erosion within the project area. Stormwater and erosion controls need to be selected, sized, installed, and maintained according to good engineering practices. Erosion controls need to be maintained in place until bare soils on slopes are stabilized with desirable perennial vegetation. As response to 2018 corrective action is noted, a new corrective action date is assigned. This is the second corrective action for stormwater erosion at this location.</p>	Date: <u>09/30/2020</u>
<b>Pits:</b> <input checked="" type="checkbox"/> NO SURFACE INDICATION OF PIT		

**Attached Documents**

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

Document Num	Description	URL
693902168	Inspection Photos	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5230196">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5230196</a>