

**FORM  
INSP**

Rev  
X/20

**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:

11/30/2021

Submitted Date:

12/01/2021

Document Number:

693903916

**FIELD INSPECTION FORM**

Loc ID 326435 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: 87401

**Findings:**

- 6 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
Rowley, Darren		drowley@logosresourcesllc.com	All inspections
,		regulatory@logosresourcesllc.com	All Inspections 8/2/2021

**Inspected Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
216488	WELL	PR	05/01/2020	GW	067-08094	IGNACIO 33-8 027	RI

**General Comment:**

On 11/30/2021 Catherine Roy conducted a reclamation and stormwater inspection. During this inspection the following compliance issues were observed:

- Stormwater controls need to be installed to stabilize erosion along the access road. This includes properly diverting stormwater flows, installation of BMPs, and stabilization of culvert inlets and outlets. All stormwater controls need to be selected, sized, installed, and maintained according to good engineering practices. Current practices and materials are not adequate. Corrective action date: 12/30/2021.
- Remove gravel and rock deposits from the intermittent stream and discharged areas down-slope of the access road. Stream is an intermittent stream and rock is considered a discharge into Waters of the State. Any damage to vegetation during gravel/rock removal process will require further seeding and reclamation. Corrective action date: 12/30/2021
- Access road is shared with Simcoe, it is the responsibility of both operators to ensure compliance on shared road.

See below, and attached photos for additional detail.

**Inspected Facilities**

Facility ID: 216488 Type: WELL API Number: 067-08094 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? **Fail**

Comment Significant volumes (see photos for volume est.) of gravel and rock debris observed downslope from the access road and deposited approximately 50ft downstream from road crossing, within the intermittent streambed (Waters of the State).

Corrective Action -Remove gravel and rock deposits from the intermittent stream and discharged areas downslope of the access road. Stream is an intermittent stream and rock is considered a discharge into Waters of the State. Any damage to vegetation during gravel/rock removal process will require further seeding and reclamation. Corrective action date: 12/30/2021 Date **12/30/2021**

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? \_\_\_\_\_ I \_\_\_\_\_

Comment Revegetation is progressing within the interim reclamation areas on the well pad. Weeds not observed.

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 \_\_\_\_\_

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

<b>Storm Water:</b>						
Loc Erosion BMPs	BMP Maintenance	Lease Road Erosion BMPs	Lease BMP Maintenance	Chemical BMPs	Chemical BMP Maintenance	Comment
<p>Comment: <span style="color: blue;">Stormwater erosion was observed along the access road where stormwater flows are not properly diverted and de-energized, culverts not properly stabilized, and BMPs are not in place.</span></p> <p>Corrective Action: <span style="color: red;">-Stormwater controls need to be installed to stabilize erosion along the access road. This includes properly diverting stormwater flows, installation of BMPs, and stabilization of culvert inlets and outlets. All stormwater controls need to be selected, sized, installed, and maintained according to good engineering practices. Current practices and materials are not adequate. Corrective action date: 12/30/2021.</span></p>						Date: <u>12/30/2021</u>
<p><b>Pits:</b>    <input checked="" type="checkbox"/> NO SURFACE INDICATION OF PIT</p>						

**Attached Documents**

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

Document Num	Description	URL
693903917	Inspection Photos	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5593858">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5593858</a>