

**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:

04/05/2022

Submitted Date:

04/06/2022

Document Number:

693904367

**FIELD INSPECTION FORM**
 Loc ID 326438 Inspector Name: ROY, CATHERINE On-Site Inspection ☐ 2A Doc Num:
**Operator Information:**

OGCC Operator Number: 10679

Name of Operator: LOGOS OPERATING LLC

Address: 2010 AFTON PLACE

City: FARMINGTON State: NM Zip: 87401

**Status Summary:**☐ THIS IS A FOLLOW UP INSPECTION☒ FOLLOW UP INSPECTION REQUIRED☐ NO FOLLOW UP INSPECTION REQUIRED**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
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
216491	WELL	PR	07/01/2019	GW	067-08097	IGNACIO 33-7 3A	RI

**General Comment:**

On 4/5/2022 Catherine Roy conducted a reclamation and stormwater inspection. During this inspection the following compliance issues were observed:

-Spot seeding needs to be conducted within the reclamation areas where bare, sparsely vegetated soils remain. As described below, erosion controls need to be maintained in place until stabilization with desirable perennial vegetation is achieved. Corrective action date: 5/1/2022.

-Stormwater and erosion controls need to be applied to portions of the project area where bare/exposed soils persist. Stabilization measures such as erosion control blanket, ecofiber, etc. need to remain functioning in place until bare soils are stabilized with desirable perennial vegetation. Stormwater controls (BMPs) need to be installed to stabilize erosional channeling that continues within the southwestern cut-slope and where concentrated stormwater flows off of the southeastern portion of the well pad. Corrective action date: 5/1/2022.

See below, and attached photos for additional detail.



**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? \_\_\_\_\_

Comment Seeding efforts from 2018 corrective actions appear to have resulted in better stabilization on the well pad cut-slope and portions of the fill slope. However, bare/sparse revegetation remains on the steep fill slope and additional stabilization is needed here.

Corrective Action -Spot seeding needs to be conducted within the reclamation areas where bare, sparsely vegetated soils remain. As described below, erosion controls need to be maintained in place until stabilization with desirable perennial vegetation is achieved. Corrective action date: 5/1/2022.

Date 05/01/2022

## 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	<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:	Wattles in the southeastern project area are no longer functioning and are not adequate BMPs in this area. Bare soils on steep slope above irrigation ditch continue to need stabilization. Erosional channeling observed within the southwestern fill slope.					Date: 05/01/2022
Corrective Action:	-Stormwater and erosion controls need to be applied to portions of the project area where bare/exposed soils persist. Stabilization measures such as erosion control blanket, ecofiber, etc. need to remain functioning in place until bare soils are stabilized with desirable perennial vegetation. Stormwater controls (BMPs) need to be installed to stabilize erosional channeling that continues within the southwestern cut-slope and where concentrated stormwater flows off of the southeastern portion of the well pad. Corrective action date: 5/1/2022.					

  

**Pits:**    ☒ 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
403007139	INSPECTION SUBMITTED	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5716672">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5716672</a>
693904368	Inspection Photos	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5716663">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5716663</a>