

**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: _____

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:

- 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.

Inspected Facilities

Facility ID: 216491 Type: WELL API Number: 067-08097 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? _____

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 Multi-Well Location

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.

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.

Date: 05/01/2022

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	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5716672
693904368	Inspection Photos	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5716663