

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

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

Storm Water:						
Loc Erosion BMPs	BMP Maintenance	Lease Road Erosion BMPs	Lease BMP Maintenance	Chemical BMPs	Chemical BMP Maintenance	Comment
Comment: 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.						Date: 12/30/2021
Corrective Action: -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.						
Pits: <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
402884472	INSPECTION SUBMITTED	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5593866
693903917	Inspection Photos	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5593858