

**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:

04/12/2018

Submitted Date:

04/23/2018

Document Number:

680602596

FIELD INSPECTION FORM

Loc ID 333510 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:

- 6 Number of Comments
- 2 Number of Corrective Actions
- Corrective Action Response Requested

Contact Information:

Contact Name	Phone	Email	Comment
Rowley, Darren		drowley@logosresourcesllc.com	All inspections
Sessions, Tamra		tsessions@logosresourcesllc.com	All Inspections

Inspected Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
216492	WELL	PR	11/22/1997	GW	067-08098	BONDAD 33-10 16A	RI

General Comment:

This is an interim reclamation and stormwater inspection. Any corrective actions not addressed from previous inspections are still applicable.

Inspected Facilities

Facility ID: 216492 Type: WELL API Number: 067-08098 Status: PR Insp. Status: RI

Reclamation - Storm Water - Pit

Interim Reclamation:

Date Interim Reclamation Started: _____ Date Interim Reclamation Completed: _____

Land Use: _____

Comment: Project area is surrounded by pinyon juniper woodland. Revegetation is progressing on berms and flat areas with revegetation, although sparse on cut-slopes.

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 A portion of the western project area does not appear needed for production operations and needs revegetation. It is not apparent which of the two operators on the well pad is managing this area. Therefore it is the responsibility of the two operators to determine revegetation responsibility. See attached photos.

Corrective Action Revegetate the western portion of the project area. Date **05/31/2018**

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: Well pad stormwater diversion is full of sediment and needs maintenance. Stormwater run-on is not being controlled and better stabilization of cut-slopes is needed. Erosional channels and rilling are forming along the access road, needing stabilization. Stormwater controls along access road ditches are full of sediment and may not be sufficient to de-energize and catch sediment loads.

Corrective Action: Well pad stormwater diversion needs maintenance, and run-on needs to be controlled and cut-slopes better stabilized. Erosional channels and rilling along the access road needs to be stabilized. Stormwater controls along access need maintenance/repair and improvement to de-energize flows and capture sediment.

Date: 05/31/2018

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
680602598	Inspection Photos	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4441446