

**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:

09/06/2019

Submitted Date:

09/16/2019

Document Number:

692401347

FIELD INSPECTION FORM

Loc ID 324314 Inspector Name: Colby, Lou 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: 10433
Name of Operator: LARAMIE ENERGY LLC
Address: 1401 SEVENTEENTH STREET #1401
City: DENVER State: CO Zip: 80202

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 |
|--------------|-------|---------------------------------------|---------------------------------|
| | | cogccnotifications@laramie-energy.com | All inspections |

Inspected Facilities:

| Facility ID | Type | Status | Status Date | Well Class | API Num | Facility Name | Insp Status |
|-------------|------|--------|-------------|------------|-----------|-------------------------|-------------|
| 278188 | WELL | PR | 04/29/2013 | GW | 045-10854 | CASCADE CREEK 610-24-43 | RI |

General Comment:

This is an Interim Reclamation & Stormwater focused Inspection, a Follow up to Insp Doc#680102468 Dated 12/7/17. Any Corrective Actions from previous Inspections that have not been addressed are still applicable.

CAs from previous RI inspection have not been resolved.

Inspected Facilities

Facility ID: 278188 Type: WELL API Number: 045-10854 Status: PR Insp. Status: RI

Reclamation - Storm Water - Pit

Interim Reclamation:

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

Land Use: _____

Comment: Interim Reclamation has not been Installed

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? _____

Comment _____

Corrective Action _____ Date _____

Unused or unneeded equipment onsite? _____

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? Fail Production areas stabilized ? Fail
 1003c. Compacted areas have been cross ripped? Fail
 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? Fail
 Production areas have been stabilized? Fail Segregated soils have been replaced? Fail

RESTORATION AND REVEGETATION

Cropland

Top soil replaced _____ Recontoured _____ Perennial forage re-established _____

Non-Cropland

Top soil replaced Fail Recontoured Fail 80% Revegetation Fail

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 Areas no longer needed for Use, Production, Drilling or Subsequent Operations have not been Reclaimed. Site has been Out of Compliance for more than a Year.

Corrective Action Install Reclamation in Areas no longer needed for Use, Production, Drilling or Subsequent Operations; including Fill Slopes in revegetation plans; installing appropriate BMPs to Stabilize Areas until Vegetation establishes. Reclamation Activities should be complete by 6/15/2018.

Date 06/15/2018

Overall Interim Reclamation Fail

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 <input type="checkbox"/> | 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 |
|------------------|-----------------|-------------------------|-----------------------|---------------|--------------------------|---------|
| | | | | | | |

| | | |
|--|--|--------------------------------|
| <p>Comment:</p> | <p>CA#s from previous RI Insp have not been resolved. It appears that there is not adequate Sediment Drop out area (@ two BMP installations) at top on Pad where SW drains down Flexible Pipes((inadequately sized) to base of Location West Fill Slope and appears to discharge directly off Location (no receiving BMP). Steep Fill slopes are unstable, loose rocky material; not contained by any apparent BMPs. Seeding if installed is unsuccessful.</p> | |
| <p>Corrective Action:</p> | <p>CA#1) Install or repair required BMPs in accordance with Good Engineering Practices per Rule 1002.f. Refer to the 1002.f guidance document for further details.</p> <p>CA#2) Stabilize Fill Slopes; incorporate with Interim Reclamation CA Activities, installing Appropriate BMPs to stabilize slopes until vegetation establishes. Refer to Photos attached.</p> | <p>Date: <u>06/15/2018</u></p> |
| <p>Pits: <input 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 |
|--------------|----------------------|---|
| 402178714 | INSPECTION SUBMITTED | http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4938934 |
| 692401348 | Inspection Photos | http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4938933 |