

**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:

12/07/2017

Submitted Date:

12/12/2017

Document Number:

680102468**FIELD INSPECTION FORM**
 Loc ID 324314 Inspector Name: Colby, Lou On-Site Inspection ☐ 2A Doc Num: _____
Operator Information:OGCC Operator Number: 10433Name of Operator: LARAMIE ENERGY LLCAddress: 1401 SEVENTEENTH STREET #1400City: DENVER State: CO Zip: 80202**Status Summary:**

- ☒ THIS IS A FOLLOW UP INSPECTION
- ☒ FOLLOW UP INSPECTION REQUIRED
- ☐ NO FOLLOW UP INSPECTION REQUIRED

Findings:9 Number of Comments2 Number of Corrective Actions☒ Corrective Action Response Requested**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. Any Corrective Actions from previous Inspections that have not been addressed are still applicable. This is a Follow up to Insp Doc#674703213 Dated 10/11/16 in which it was Noted that Location was an Excessive Size and FAILED 1003e.(Areas no longer needed for drilling or subsequent operations for have been re-vegetated to 80% of pre-existing?); No Corrective Actions were given.

Reclamation - Storm Water - Pit**Interim Reclamation:**

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

Land Use: _____

Comment: [Range Land. 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? Pass

Comment _____

Corrective Action _____

Date _____

Unused or unneeded equipment onsite? Pass

Comment _____

Corrective Action _____

Date _____

Pit, cellars, rat holes and other bores closed? Pass

Comment _____

Corrective Action _____

Date _____

Guy line anchors marked? _____

Comment _____

Corrective Action _____

Date _____

1003b. Area no longer in use? FailProduction areas stabilized ? Fail1003c. Compacted areas have been cross ripped? Fail1003d. Drilling pit closed? PassSubsidence over on drill pit? Pass

Cuttings management: _____

1003e. Areas no longer needed for drilling or subsequent operations for have been re-vegetated to 80% of pre-existing? FailProduction areas have been stabilized? FailSegregated soils have been replaced? Fail**RESTORATION AND REVEGETATION**Cropland

Top soil replaced _____

Recontoured _____

Perennial forage re-established _____

Non-CroplandTop soil replaced FailRecontoured Fail80% 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? PComment Areas no longer needed for Use, Production, Drilling or Subsequent Operations have not been Reclaimed.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 06/15/2018Overall 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
Retention Ponds						Lack of, at base of Location Fill Slope Drains
Drains	Fail	Drains	Pass			
Seeding	Fail					
Gravel	Pass	Ditches	Pass			
Compaction	Pass	Culverts	Pass			
Sediment Traps						Lack of, to receive SW flow on Pad
Ditches						Lack of, at base of Location Fill Slope
Berms	Pass	Check Dams	Pass			
		Other	Fail			Lack of, BMPs in Cut slope ditch of Access Rd

Comment: It appears that there is not adequate Sediment Drop out area (@ two BMP installations) at top on Pad where SW drains down Flexible Pipes to base of Location West Fill Slope and appears to discharge directly off Location (no receiving BMP). Refer to Photos#s 4,5,6,7. Steep Fill slopes are unstable, loose rocky material; not contained by any apparent BMPs. Seeding if installed is unsuccessful. There is some sediment migration along Access Road Cut Slope Ditch. Refer to Photos attached.

Date: 01/12/2018

Corrective Action: 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. CA#2)Stabilize Fill Slopes; incorporate with Interim Reclamation CA Activities, installing Appropriate BMPs to stabilize slopes until vegetation establishes. Refer to Photos attached.

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
401483980	INSPECTION SUBMITTED	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4324103
680102479	Inspection Photos	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4324092