

**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:

09/16/2020

Submitted Date:

09/17/2020

Document Number:

696201784

**FIELD INSPECTION FORM**
 Loc ID 423444 Inspector Name: Trujillo, Aaron On-Site Inspection ☐ 2A Doc Num:
**Operator Information:**

OGCC Operator Number: 10433

Name of Operator: LARAMIE ENERGY LLC

Address: 1401 SEVENTEENTH STREET #1401

City: DENVER State: CO Zip: 80202

**Status Summary:**

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

**Findings:**

6 Number of Comments

1 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         |
|---------------|-------|---------------------------------------|-----------------|
| Fischer, Alex |       | alex.fischer@state.co.us              |                 |
| Arauz, Steven |       | steven.arauza@state.co.us             |                 |
| , Laramie     |       | cogccnotifications@laramie-energy.com | All Inspections |

**Inspected Facilities:**

| Facility ID | Type     | Status | Status Date | Well Class | API Num | Facility Name                   | Insp Status |
|-------------|----------|--------|-------------|------------|---------|---------------------------------|-------------|
| 423444      | LOCATION | AC     | 06/03/2011  |            | -       | Mesa Cuttings Disposal Facility | RI          |

**General Comment:**

On 9/16/2020, Reclamation Specialist Trujillo and Northwest EPS Arauz conducted a joint reclamation and stormwater inspection at Laramie Energy's Mesa Cuttings Disposal Facility location in Garfield County, Colorado.

It was observed that reclamation of the Location appears to be progressing towards reclamation standards.

The following compliance issues were observed during this inspection:

603.f/1004.a: Cable Debris

1004.e: Noxious weeds

Refer to the "Reclamation" section of this inspection report for additional details.

Refer to the photo-documentation of the observed compliance issues attached to this report.

Any corrective action(s) from previous inspections that have not been addressed are still applicable.

A follow up on this site inspection will be conducted to ensure the compliance issues have been corrected to comply with COGCC rules.



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

Date Interim Reclamation Started: \_\_\_\_\_ Date Interim Reclamation Completed: \_\_\_\_\_

Land Use: RANGELAND

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? \_\_\_\_\_

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? \_\_\_\_\_ 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 \_\_\_\_\_

Corrective Action \_\_\_\_\_ Date \_\_\_\_\_

Overall Interim Reclamation

**Final Reclamation/ Abandoned Location:**

Date Final Reclamation Started: \_\_\_\_\_ Date Final Reclamation Completed: \_\_\_\_\_

Final Land Use: RANGELAND \_\_\_\_\_

Reminder: \_\_\_\_\_

Comment: \_\_\_\_\_

Well plugged \_\_\_\_\_ Pit mouse/rat holes, cellars backfilled \_\_\_\_\_

Debris removed **Fail** \_\_\_\_\_ 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 \_\_\_\_\_ In \_\_\_\_\_

Non cropland: Revegetated 80% \_\_\_\_\_ In \_\_\_\_\_ Cropland: perennial forage \_\_\_\_\_

Weeds present **Fail** \_\_\_\_\_ Subsidence \_\_\_\_\_

## 1004.d. FINAL VEGETATION TRANSECT

TRANSECT RESULTS OF DISTURBED AREA% \_\_\_\_\_

TRANSECT RESULTS OF REFERENCE AREA% \_\_\_\_\_

TOTAL % OF DESIRABLE VEGETATION COVER \_\_\_\_\_

VEGETATIVE COVER \_\_\_\_\_

Comment:

It was observed in this inspection that reclamation of the Location appears to be progressing towards Rule 1004 standards, however, livestock grazing pressure is evident and may be hindering uniform desirable vegetative establishment.

A long cable was observed on the northern end on the Location; Cable appears to be trash debris and requires removal.

Noxious weeds (Musk thistle, Houndstongue, Common Mullein) observed throughout the Location, with higher densities observed along the western and southern ends; Musk thistle plants were observed to have reached seed head maturity and dispersal; Weed management required.

Corrective Action:

Comply with 1004 rules and remove cable debris, and any other trash debris remaining on the Location.

Comply with Rule 1004.e and conduct weed management. Ongoing monitoring and management is required in future growing seasons to prevent further establishment on the Location, and is required until location receives a passing final reclamation inspection.

Date **10/02/2020**

Overall Final Reclamation

In Process

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                               |
|------------------|-----------------|-------------------------|-----------------------|---------------|--------------------------|---------------------------------------|
| Ditches          | Pass            |                         |                       |               |                          | 3, diagonal to the Location's contour |
| Sediment Traps   | Pass            |                         |                       |               |                          |                                       |
| Culverts         | Pass            |                         |                       |               |                          | Under road                            |

Comment:

No major erosion degradation concerns were observed at time of inspection. Small pedestal formations along vegetation are evident, though slopes appear stabilized. Operator has installed three (3) stormwater ditches on the Location, diagonal to the contour of the slope. Stormwater channelization and cutting within the ditch is becoming evident and Operator is advised to implement BMPs in conjunction with the ditches to alleviate stormwater velocity within the ditch, to mitigate further incising within the ditch.

Continue to perform stormwater monitoring/management pursuant to Rule 1002.f, until Location receives a passing final reclamation inspection.

Corrective Action:

Date: \_\_\_\_\_

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   |
|--------------|----------------------|---|
| 402491963    | INSPECTION SUBMITTED | <a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5250235">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5250235</a> |
| 696201785    | Inspection Photos    | <a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5250231">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5250231</a> |
| 696201786    | Aerial Imagery       | <a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5250232">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5250232</a> |