

**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:

06/28/2018

Submitted Date:

07/02/2018

Document Number:

674104503**FIELD INSPECTION FORM**Loc ID 311747 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:**7 Number of Comments3 Number of Corrective Actions

- ☒
- Corrective Action Response Requested

**Contact Information:**

| Contact Name   | Phone | Email                                 | Comment                         |
|----------------|-------|---------------------------------------|---------------------------------|
|                |       | cogccnotifications@laramie-energy.com | <a href="#">All inspections</a> |
| Arauza, Steven |       | steven.arauza@state.co.us             |                                 |

**Inspected Facilities:**

| Facility ID | Type | Status | Status Date | Well Class | API Num   | Facility Name        | Insp Status |
|-------------|------|--------|-------------|------------|-----------|----------------------|-------------|
| 454790      | WELL | DG     | 06/03/2018  |            | 077-10562 | PVGP SCU 0992-18-09W | RI          |
| 454791      | WELL | XX     | 04/16/2018  |            | 077-10563 | PVGP SCU 0992-18-07W | RI          |
| 454792      | WELL | XX     | 04/16/2018  |            | 077-10564 | PVGP SCU 0992-18-08W | RI          |

**General Comment:**

This is a Interim Reclamation & Stormwater focused Inspection. Any Corrective Actions from previous Inspections that have not been addressed are still applicable. Drilling was recently completed at Location; Interim Reclamation not yet installed. This site is in an RSO area; Cutthroat Trout Habitat. Note that there are Four CAs in this Inspection; two in the Reclamation Section and two in Stormwater Section.

| Inspected Facilities |               |       |             |             |                  |         |           |               |           |
|----------------------|---------------|-------|-------------|-------------|------------------|---------|-----------|---------------|-----------|
| Facility ID:         | <u>454790</u> | Type: | <u>WELL</u> | API Number: | <u>077-10562</u> | Status: | <u>DG</u> | Insp. Status: | <u>RI</u> |
|                      |               |       |             |             |                  |         |           |               |           |
| Facility ID:         | <u>454791</u> | Type: | <u>WELL</u> | API Number: | <u>077-10563</u> | Status: | <u>XX</u> | Insp. Status: | <u>RI</u> |
|                      |               |       |             |             |                  |         |           |               |           |
| Facility ID:         | <u>454792</u> | Type: | <u>WELL</u> | API Number: | <u>077-10564</u> | Status: | <u>XX</u> | Insp. Status: | <u>RI</u> |
|                      |               |       |             |             |                  |         |           |               |           |

**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 [Electric fence installed around perimeter of Location.](#)

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

1002b. SOIL REMOVAL AND  
SEGREGATION \_\_\_\_\_

Comment \_\_\_\_\_

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

1002c. PROTECTION OF SOILS \_\_\_\_\_

Comment [Placement of Cuttings Pile has potential of Cuttings mixing with topsoil. Refer to Stormwater Section.](#)

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

1002E. SURFACE DISTURBANCE MINIMIZATION \_\_\_\_\_

Comment \_\_\_\_\_

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

1003a. Waste and Debris removed? **Fail**Comment [Pile of Debris at West side of Access road at entry to Location. Refer to Photo Log attached.](#)Corrective Action [Remove Debris from Location.](#) Date **07/30/2018**

Unused or unneeded equipment onsite? \_\_\_\_\_

Comment \_\_\_\_\_

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

Pit, cellars, rat holes and other bores closed? **Fail**Comment [Wellhead Cellar and Rat hole are both open with no covers to prevent entrapment of Wildlife; both contained water at time of inspection. Open uncovered Cellars / present a Wildlife \(Protection\) Hazard. There are no measures implemented to prevent wildlife ingress or provide an effective means for egress. Refer to Photo Log attached.](#)Corrective Action [Cover Open Cellar & Rat Hole. Operator was contacted & notified of short CA Date.](#) Date **07/06/2018**

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: Cuttings are stored at South end of Location.
- 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 \_\_\_\_\_ 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:** Drill cuttings are stored at South end of Location, immediately adjacent to stormwater ditch that flows between Cuttings and Southern bermed topsoil, channeling SW to BMPs and off Location. Berm around cuttings appears loose & unconsolidated & is at some points breached by Cuttings which could allow transport of Cuttings residue, sediment off site and potential mixing with topsoil. In discussion, Operator indicated immediate BMP reinforcement would be installed & longer term plan to move cuttings to area more easily secured. Operator thought that test results for Cuttings were in process. Refer to Photo Log attached for detail of Site conditions.

**Corrective Action:** There are two CAs in this Section  
 CA#1) Install or repair required BMPs per Rule 1002.f.  
 CA#2) Contact COGCC EPS, Steven Arauza, for discussion of Location Cuttings storage & providing status report with Cuttings sample data and if results are Table 910-1 compliant.

Date: 07/09/2018

**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   |
|--------------|----------------------|---|
| 401692178    | INSPECTION SUBMITTED | <a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4512405">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4512405</a> |
| 674104513    | Inspection Photos    | <a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4512403">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4512403</a> |