

FORM  
INSPRev  
X/15State of Colorado  
Oil and Gas Conservation Commission1120 Lincoln Street, Suite 801, Denver, Colorado 80203  
Phone: (303) 894-2100 Fax: (303) 894-2109

Inspection Date:

12/08/2020

Submitted Date:

12/11/2020

Document Number:

696202120

## FIELD INSPECTION FORM

 Loc ID 335815 Inspector Name: Trujillo, Aaron On-Site Inspection  2A Doc Num:
**Operator Information:**

OGCC Operator Number: 10433

Name of Operator: LARAMIE ENERGY LLC

Address: 1401 17TH STREET SUITE #1400

City: DENVER State: CO Zip: 80202

**Status Summary:**

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

**Findings:**

5 Number of Comments

3 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
Arthur, Denise		denise.arthur@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
277332	WELL	PR	08/01/2012	GW	045-10675	CASCADE CREEK 697-08-53	RI
335815	LOCATION	AC			-	Cascade Creek 697-08-53	RI
419919	WELL	PR	04/09/2012	GW	045-20056	Cascade Creek 697-08-49	RI
419920	WELL	PR	04/10/2012	GW	045-20057	Cascade Creek 697-08-33B	RI
419923	WELL	PR	04/10/2012	GW	045-20060	Cascade Creek 697-08-43B	RI
419926	WELL	PR	04/10/2012	GW	045-20062	Cascade Creek 697-08-52B	RI
419932	WELL	PR	04/10/2012	GW	045-20063	Cascade Creek 697-08-58A	RI
419937	WELL	PR	08/01/2012	GW	045-20065	Cascade Creek 697-08-41A	RI
419945	WELL	PR	04/10/2012	GW	045-20067	Cascade Creek 697-08-27A	RI
419953	WELL	PR	04/10/2012	GW	045-20069	Cascade Creek 697-08-35B	RI
419959	WELL	PR	03/22/2012	GW	045-20071	Cascade Creek 697-08-50	RI
419976	WELL	PR	04/10/2012	GW	045-20078	Cascade Creek 697-08-58B	RI
419978	WELL	PR	03/22/2012	GW	045-20079	Cascade Creek 697-08-52A	RI
419980	WELL	PR	04/10/2012	GW	045-20081	Cascade Creek 697-08-43A	RI
419997	WELL	PR	04/10/2012	GW	045-20087	Cascade Creek 697-08-41B	RI
420006	WELL	PR	04/10/2012	GW	045-20091	Cascade Creek 697-08-27B	RI
420014	WELL	PR	04/10/2012	GW	045-20093	Cascade Creek 697-08-35A	RI
420170	WELL	PR	04/10/2012	GW	045-20104	Cascade Creek 697-08-58C	RI

**General Comment:**

On 12/08/2020, Reclamation Specialist Trujillo conducted an interim reclamation and stormwater inspection at Laramie Energy's Cascade Creek 697-08-53 location in Garfield County, Colorado.

The following compliance issues were observed during the inspection:

603.f: Good Housekeeping

1002.f.(2): Stormwater

1003.b: Interim Reclamation

Refer to the "Good Housekeeping", "Reclamation" and "Stormwater" sections 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.

**Location**

Overall Good:

Emergency Contact Number:

Comment:

Corrective Action:

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

**Good Housekeeping:**

Type

DEBRIS

Comment:

Trash debris observed on the slopes of the southwest and northwest ends of the Location. See photos 10, 13 and 27.

Corrective Action:

Comply with Rule 603.f

Date:

12/25/2020

Overall Good:

**Spills:**

Type

Area

Volume

In Containment: No

Comment:

Multiple Spills and Releases?

**Venting:**

Yes/No

Comment:

Corrective Action:

Date:

**Flaring:**

Type

Comment:

Corrective Action:

Date:

## Inspected Facilities

Facility ID: <u>277332</u>	Type: <u>WELL</u>	API Number: <u>045-10675</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>335815</u>	Type: <u>LOCATION</u>	API Number: <u>-</u>	Status: <u>AC</u>	Insp. Status: <u>RI</u>
Facility ID: <u>419919</u>	Type: <u>WELL</u>	API Number: <u>045-20056</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>419920</u>	Type: <u>WELL</u>	API Number: <u>045-20057</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>419923</u>	Type: <u>WELL</u>	API Number: <u>045-20060</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>419926</u>	Type: <u>WELL</u>	API Number: <u>045-20062</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>419932</u>	Type: <u>WELL</u>	API Number: <u>045-20063</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>419937</u>	Type: <u>WELL</u>	API Number: <u>045-20065</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>419945</u>	Type: <u>WELL</u>	API Number: <u>045-20067</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>419953</u>	Type: <u>WELL</u>	API Number: <u>045-20069</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>419959</u>	Type: <u>WELL</u>	API Number: <u>045-20071</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>419976</u>	Type: <u>WELL</u>	API Number: <u>045-20078</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>419978</u>	Type: <u>WELL</u>	API Number: <u>045-20079</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>419980</u>	Type: <u>WELL</u>	API Number: <u>045-20081</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>419997</u>	Type: <u>WELL</u>	API Number: <u>045-20087</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>420006</u>	Type: <u>WELL</u>	API Number: <u>045-20091</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>420014</u>	Type: <u>WELL</u>	API Number: <u>045-20093</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>420170</u>	Type: <u>WELL</u>	API Number: <u>045-20104</u>	Status: <u>PR</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 \_\_\_\_\_

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 ? \_\_\_\_\_  
 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? \_\_\_\_\_ 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 It was observed in this inspection that areas not needed for production have not been reclaimed on the Location in accordance with 1003 Rules. Records show date of first production 4/4/2012; interim reclamation of the Location should have been conducted by 10/4/2012.

Corrective Action Comply with Rule 1003.b and conduct reclamation on areas not needed for production and establish vegetation with total perennial, non-invasive uniform plant cover of at least eighty (80) percent of pre-disturbance or reference area levels. Use a seed mixture requested by the surface owner, or a mixture prescribed by the local soil conservation district. Ensure erosion controls are implemented to stabilize the seeded soil, and continue to monitor and manage interim areas until Final Reclamation has passed. A CA date of 03/01/2016 is being provided as this is when Laramie took ownership of the Location.

Date 03/01/2016

Overall Interim Reclamation Fail

**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: It was observed in this inspection that BMPs to protect, stabilize and prevent off-site sediment transport from the cut and fill slopes of the Location are missing or insufficient / not constructed in accordance with good engineering practices. See attached photos.

Corrective Action: Comply with Rule 1002.f.(2) and install BMPs in accordance with good engineering practices. Temporary controls will be required by 1/11/2021 until interim reclamation of the Location is conducted, at which point long-term controls will need to be implemented.

Date: 01/11/2021

**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
402552271	INSPECTION SUBMITTED	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5308648">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5308648</a>
696202121	Inspection Photos	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5308644">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5308644</a>