

**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:

12/11/2019

Submitted Date:

12/19/2019

Document Number:

692401698

**FIELD INSPECTION FORM**

Loc ID Inspector Name: On-Site Inspection ☐  
 324100 Colby, Lou 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
		cogccnotifications@laramie-energy.com	All inspections

**Inspected Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
257135	WELL	PR	10/04/2012	GW	045-07519	CASCADE CREEK 608-41	RI
301360	WELL	PR	08/14/2011	GW	045-18127	Cascade Creek 697-08-06A	RI
301361	WELL	PR	11/10/2011	GW	045-18128	Cascade Creek 697-08-08B	RI
301362	WELL	PR	05/16/2013	GW	045-18129	CASCADE CREEK 697-08-16	RI
301363	WELL	PR	03/05/2013	GW	045-18130	Cascade Creek 697-08-14	RI
301364	WELL	PR	11/11/2013	GW	045-18131	Cascade Creek 697-08-08A	RI
301387	WELL	SI	07/01/2019	GW	045-18146	CASCADE CREEK 697-05-80A	RI
301388	WELL	PR	12/05/2011	GW	045-18147	Cascade Creek 697-08-23A	RI
301389	WELL	PR	09/28/2011	GW	045-18148	Cascade Creek 697-08-06B	RI
301390	WELL	PR	05/18/2015	GW	045-18149	Cascade Creek 697-09-09	RI
301391	WELL	PR	10/07/2011	GW	045-18150	Cascade Creek 697-09-17B	RI
413183	WELL	PR	10/06/2011	GW	045-18730	Cascade Creek 697-09-17A	RI
413184	WELL	PR	10/14/2011	GW	045-18733	Cascade Creek 697-05-80B	RI
413185	WELL	PR	10/14/2011	GW	045-18732	Cascade Creek 697-05-72	RI
413186	WELL	SI	09/01/2019	GW	045-18731	Cascade Creek 697-05-78A	RI
419700	WELL	PR	10/29/2013	GW	045-20011	Cascade Creek 697-05-70	RI
419701	WELL	PR	11/05/2013	GW	045-20012	Cascade Creek 697-05-69	RI
419702	WELL	PR	10/07/2016	GW	045-20013	Cascade Creek 697-05-71	RI
419741	WELL	PR	06/21/2012	GW	045-20017	Cascade Creek 697-09-02B	RI
419764	WELL	PR	10/29/2014	GW	045-20020	Cascade Creek 697-09-19A	RI

419770	WELL	PR	10/07/2016	GW	045-20023	Cascade Creek 697-09-10B	RI
419772	WELL	XX	09/21/2016	GW	045-20024	Cascade Creek 697-09-10A	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.

Inspected Facilities				
Facility ID: <u>257135</u>	Type: <u>WELL</u>	API Number: <u>045-07519</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>301360</u>	Type: <u>WELL</u>	API Number: <u>045-18127</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>301361</u>	Type: <u>WELL</u>	API Number: <u>045-18128</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>301362</u>	Type: <u>WELL</u>	API Number: <u>045-18129</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>301363</u>	Type: <u>WELL</u>	API Number: <u>045-18130</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>301364</u>	Type: <u>WELL</u>	API Number: <u>045-18131</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>301387</u>	Type: <u>WELL</u>	API Number: <u>045-18146</u>	Status: <u>SI</u>	Insp. Status: <u>RI</u>
Facility ID: <u>301388</u>	Type: <u>WELL</u>	API Number: <u>045-18147</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>301389</u>	Type: <u>WELL</u>	API Number: <u>045-18148</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>301390</u>	Type: <u>WELL</u>	API Number: <u>045-18149</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>301391</u>	Type: <u>WELL</u>	API Number: <u>045-18150</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>413183</u>	Type: <u>WELL</u>	API Number: <u>045-18730</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>413184</u>	Type: <u>WELL</u>	API Number: <u>045-18733</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>413185</u>	Type: <u>WELL</u>	API Number: <u>045-18732</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>413186</u>	Type: <u>WELL</u>	API Number: <u>045-18731</u>	Status: <u>SI</u>	Insp. Status: <u>RI</u>
Facility ID: <u>419700</u>	Type: <u>WELL</u>	API Number: <u>045-20011</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>419701</u>	Type: <u>WELL</u>	API Number: <u>045-20012</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>419702</u>	Type: <u>WELL</u>	API Number: <u>045-20013</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>419741</u>	Type: <u>WELL</u>	API Number: <u>045-20017</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>

Inspector Name: Colby, Lou

Facility ID:	419764	Type:	WELL	API Number:	045-20020	Status:	PR	Insp. Status:	RI
Facility ID:	419770	Type:	WELL	API Number:	045-20023	Status:	PR	Insp. Status:	RI
Facility ID:	419772	Type:	WELL	API Number:	045-20024	Status:	XX	Insp. Status:	RI

**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 \_\_\_\_\_

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? \_\_\_\_\_

Comment

Previous FI inspection noted "Cellar open to all wells with no cover or fencing. Livestock and wild life at risk." with CA to Comply with the 1003.a. interim reclamation rules. Livestock Panels have been installed around Well line up which excludes livestock and larger wildlife from cellars. Configuration of concrete cellars still allows ingress of smaller Wildlife with no means of egress that Inspector could see in snow cover conditions. Other Operators have filled cellars with gravel or installed wildlife escape ramps in response to this concern.

Corrective Action

Install means of egress from cellars to maximize safety and wildlife welfare.

Date **01/20/2020**

Guy line anchors marked? \_\_\_\_\_

Comment \_\_\_\_\_

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

Date \_\_\_\_\_

1003b. Area no longer in use? \_\_\_\_\_ Production areas stabilized ? Pass

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? Pass Segregated soils have been replaced? \_\_\_\_\_**RESTORATION AND REVEGETATION**Cropland

Top soil replaced \_\_\_\_\_ Recontoured \_\_\_\_\_ Perennial forage re-established \_\_\_\_\_

Non-CroplandTop soil replaced \_\_\_\_\_ Recontoured Pass 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? P

Comment FIRR reported Interim Reclamation was initiated in mid June 2019 in Response to CA in 9/25/18 Field Insp. Snow cover prevented full assessment, though it appears that site footprint has been reduced.

Corrective Action  Date \_\_\_\_\_Overall Interim Reclamation In Process**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 <input type="checkbox"/>		Multi-Well Location <input type="checkbox"/>		
<b>Storm Water:</b>						
Loc Erosion BMPs	BMP Maintenance	Lease Road Erosion BMPs	Lease BMP Maintenance	Chemical BMPs	Chemical BMP Maintenance	Comment
Comment: <input type="text" value="Site appears stable, though snow cover prevented detailed assessment."/>						Date: _____
Corrective Action: <input type="text"/>						
<b>Pits:</b> <input type="checkbox"/> NO SURFACE INDICATION OF PIT						

<b>COGCC Comments</b>		
Comment	User	Date
Follow up Insp should be conducted in Spring of 2020 to document status of Interim Reclamation & compliance with Reclamation CA.	colbyl	12/18/2019

**Attached Documents**

You can go to COGCC Images (<https://cogcc.state.co.us/weblink/>) and search by document number:

Document Num	Description	URL
402267672	INSPECTION SUBMITTED	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5017496">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5017496</a>
692401720	Inspection photos RI	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5017486">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5017486</a>