

**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:

12/08/2020

Submitted Date:

12/11/2020

Document Number:

696202118

FIELD INSPECTION FORM

Loc ID: 383337 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:

- 4 Number of Comments
- 2 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
, Laramie		cogccnotifications@laramie-energy.com	All Inspections
Arthur, Denise		denise.arthur@state.co.us	

Inspected Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
277264	WELL	PR	09/04/2013	GW	045-10653	CASCADE CREEK 608-43-31	RI
302009	WELL	PR	08/14/2011	GW	045-18345	Cascade Creek 697-09-25A	RI
302012	WELL	PR	08/07/2011	GW	045-18348	Cascade Creek 697-08-47B	RI
302013	WELL	PR	08/19/2014	GW	045-18349	Cascade Creek 697-08-47A	RI
302014	WELL	PR	09/08/2011	GW	045-18350	Cascade Creek 697-08-39	RI
302015	WELL	PR	08/19/2014	GW	045-18351	CASCADE CREEKI 697-08-31B	RI
302016	WELL	PR	09/08/2011	GW	045-18352	CASCADE CREEK 697-08-31A	RI
302017	WELL	PR	02/22/2016	GW	045-18353	Cascade Creek 697-08-23B	RI
302018	WELL	PR	08/13/2013	GW	045-18354	CASCADE CREEK 697-09-25B	RI
383337	LOCATION	AC			-	Cascade Creek 608-43-31	RI
419502	WELL	PR	09/12/2011	GW	045-19936	Cascade Creek 697-08-29A	RI
419504	WELL	PR	09/09/2011	GW	045-19937	Cascade Creek 697-08-21	RI
419505	WELL	PR	09/08/2011	GW	045-19938	Cascade Creek 697-08-37B	RI
419507	WELL	PR	09/08/2011	GW	045-19939	Cascade Creek 697-08-45	RI
419509	WELL	PR	09/08/2011	GW	045-19940	Cascade Creek 697-08-37A	RI
419510	WELL	PR	09/08/2011	GW	045-19941	Cascade Creek 697-08-46B	RI
419511	WELL	PR	09/09/2011	GW	045-19942	Cascade Creek 697-08-20	RI
419516	WELL	PR	09/12/2011	GW	045-19943	Cascade Creek 697-08-29B	RI

419517	WELL	PR	10/03/2011	GW	045-19944	Cascade Creek 697-08-29C	RI
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General Comment:

On 12/08/2020, Reclamation Specialist Trujillo conducted an interim reclamation and stormwater inspection at Laramie Energy's Cascade Creek 608-43-31 location in Garfield County, Colorado.

This following compliance issues were observed during the inspection:

1003.b: Interim Reclamation

1002.f.(2): Stormwater

Refer to the "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.

Inspected Facilities

Facility ID: <u>277264</u>	Type: <u>WELL</u>	API Number: <u>045-10653</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>302009</u>	Type: <u>WELL</u>	API Number: <u>045-18345</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>302012</u>	Type: <u>WELL</u>	API Number: <u>045-18348</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>302013</u>	Type: <u>WELL</u>	API Number: <u>045-18349</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>302014</u>	Type: <u>WELL</u>	API Number: <u>045-18350</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>302015</u>	Type: <u>WELL</u>	API Number: <u>045-18351</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>302016</u>	Type: <u>WELL</u>	API Number: <u>045-18352</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>302017</u>	Type: <u>WELL</u>	API Number: <u>045-18353</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>302018</u>	Type: <u>WELL</u>	API Number: <u>045-18354</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>383337</u>	Type: <u>LOCATION</u>	API Number: <u>-</u>	Status: <u>AC</u>	Insp. Status: <u>RI</u>
Facility ID: <u>419502</u>	Type: <u>WELL</u>	API Number: <u>045-19936</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>419504</u>	Type: <u>WELL</u>	API Number: <u>045-19937</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>419505</u>	Type: <u>WELL</u>	API Number: <u>045-19938</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>419507</u>	Type: <u>WELL</u>	API Number: <u>045-19939</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>419509</u>	Type: <u>WELL</u>	API Number: <u>045-19940</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>419510</u>	Type: <u>WELL</u>	API Number: <u>045-19941</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>419511</u>	Type: <u>WELL</u>	API Number: <u>045-19942</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>419516</u>	Type: <u>WELL</u>	API Number: <u>045-19943</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>419517</u>	Type: <u>WELL</u>	API Number: <u>045-19944</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: OTHER, 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? _____

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 8/13/2011 as the "date of first production" for the last well to go into production; interim reclamation of the Location should have been conducted by 2/13/2012.

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: OTHER, 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. 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

Permit:	Facility ID	Permit Num	Expiration Date
	291945	1433703	

Attached Documents

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

Document Num	Description	URL
696202119	Inspection Photos	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5308643