

**FORM
INSP**Rev
X/20**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:

11/01/2021

Submitted Date:

11/04/2021

Document Number:

696203334

FIELD INSPECTION FORMLoc 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: 1001 17TH STREET #1900

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

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
, Laramie		cogccnotifications@laramie-energy.com	All Inspections

Inspected Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
383337	LOCATION	AC			-	Cascade Creek 608-43-31	RI

General Comment:

On 11/1/2021, 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 inspection is a followup to #696202118, #696202858 and #696203102 to document compliance with the following corrective actions:
 -Comply with Rule 1002.f by 1/11/2021
 -Comply with 1003 Rules by 3/1/2016

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.

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 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? <u>In</u> 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? <u>In</u> Production areas have been stabilized? <u>Fail</u> Segregated soils have been replaced? _____	Production areas stabilized ? <u>Fail</u>
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RESTORATION AND REVEGETATION

Cropland

Top soil replaced _____	Recontoured _____	Perennial forage re-established _____
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Non-Cropland

Top soil replaced _____	Recontoured <u>Pass</u>	80% Revegetation <u>In</u>
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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 interim reclamation of the Location was "in process"; production areas reduced; interim areas not needed for production have been recontoured/regraded. Operator was observed applying hydromulch to southern interim areas at time of inspection.

Continue to monitor and manage interim areas; conduct additional work as necessary to ensure site progresses towards 1003 standards.

Corrective Action Date _____

Overall Interim Reclamation In Process

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:		Date
Corrective Action:		
Overall Final Reclamation	Well Release on Active Location <input type="checkbox"/>	Multi-Well Location <input type="checkbox"/>

Storm Water:

Loc Erosion BMPs	BMP Maintenance	Lease Road Erosion BMPs	Lease BMP Maintenance	Chemical BMPs	Chemical BMP Maintenance	Comment

Comment:	See "COGCC Comments" for comments regarding stormwater.	Date: 11/11/2021
Corrective Action:	Comply with Rule 1002.f	

Pits: ☐ NO SURFACE INDICATION OF PIT

Permit:	Facility ID	Permit Num	Expiration Date
	291945	1433703	

COGCC Comments

Comment	User	Date
STORMWATER COMMENTS It was observed in this inspection that interim reclamation is "in process". CA requiring temporary controls at the cut/fill slopes is no longer applicable, though it is noted that Operator failed to comply with the corrective action. Operator was observed installing a hydromulch to the southern interim areas of the Location; continue to maintain BMP to ensure it remains in proper functioning condition per good engineering practices. It was observed in this inspection that control measures to stabilize the production area and mitigate tracking and offsite sediment transport are missing or insufficient. Operator has installed a sediment trap on the east end of the Location; BMP has not been constructed in accordance with good engineering practices and is missing proper armoring and protection at the outlet spillway; control is inadequate to allow for proper stormwater discharge from the Location.	trujilloam	11/04/2021

Attached Documents

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

Document Num	Description	URL
696203335	Inspection Photos	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5572627