

**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:

696202120

FIELD INSPECTION FORM

Loc ID 335815	Inspector Name: Trujillo, Aaron	On-Site Inspection <input type="checkbox"/>	2A Doc Num: _____	Status Summary: <input type="checkbox"/> THIS IS A FOLLOW UP INSPECTION <input checked="" type="checkbox"/> FOLLOW UP INSPECTION REQUIRED <input type="checkbox"/> NO FOLLOW UP INSPECTION REQUIRED
Operator Information: OGCC Operator Number: 10433 Name of Operator: LARAMIE ENERGY LLC Address: 1401 17TH STREET SUITE #1400 City: DENVER State: CO Zip: 80202				Findings: 5 Number of Comments 3 Number of Corrective Actions <input checked="" type="checkbox"/> 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.

This 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.

LocationOverall 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		
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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 REVEGETATIONCropland

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 03/01/2016Overall 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: 01/11/2020

Pits: ☐ NO SURFACE INDICATION OF PIT

Permit:	Facility ID	Permit Num	Expiration Date
	291971	1433707	
	291971	1433707	

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

Document Num	Description	URL
696202121	Inspection Photos	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5308644