

**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:

09/19/2023

Submitted Date:

09/21/2023

Document Number:

696205261

FIELD INSPECTION FORM

Loc ID 452807	Inspector Name: Trujillo, Aaron	On-Site Inspection <input type="checkbox"/>	2A Doc Num: _____	Status Summary: <input checked="" type="checkbox"/> THIS IS A FOLLOW UP INSPECTION <input checked="" type="checkbox"/> FOLLOW UP INSPECTION REQUIRED <input type="checkbox"/> NO FOLLOW UP INSPECTION REQUIRED Findings: 17 Number of Comments 5 Number of Corrective Actions <input checked="" type="checkbox"/> Corrective Action Response Requested
Operator Information: OGCC Operator Number: 10433 Name of Operator: LARAMIE ENERGY LLC Address: 1700 LINCOLN ST STE 3950 City: DENVER State: CO Zip: 80203				ANY CORRECTIVE ACTION(S) FROM PREVIOUS INSPECTIONS THAT HAVE NOT BEEN ADDRESSED ARE STILL APPLICABLE

Contact Information:

Contact Name	Phone	Email	Comment
Arauz, Steven		steven.arauza@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
452806	WELL	PR	09/01/2022	OW	045-23793	CC Federal 0697-03-01E	RI
452807	LOCATION	AC			-	CC 0697-03-07 Pad	RI
453168	WELL	PR	08/01/2022	GW	045-23794	CC 0697-03-13W	RI
453169	WELL	PR	09/01/2022	OW	045-23795	CC Federal 0697-03-03E	RI
453170	WELL	PR	08/01/2022	GW	045-23796	CC 0697-03-12W	RI
453171	WELL	PR	08/01/2022	GW	045-23797	CC 0697-03-17E	RI
453172	WELL	PR	10/10/2022	OW	045-23798	CC Federal 0697-03-04E	RI
453173	WELL	PR	01/03/2023	OW	045-23799	CC Federal 0697-03-02E	RI
453174	WELL	PR	10/07/2022	OW	045-23800	CC 0697-03-11W	RI
453175	WELL	PR	08/01/2022	GW	045-23801	CC 0697-03-14E	RI
453176	WELL	PR	08/01/2022	GW	045-23802	CC 0697-03-15W	RI
453177	WELL	PR	08/01/2022	GW	045-23803	CC 0697-03-12E	RI
453178	WELL	PR	08/01/2022	GW	045-23804	CC 0697-03-14W	RI
453179	WELL	PR	10/05/2022	GW	045-23805	CC 0697-03-10E	RI
453181	WELL	PR	09/01/2022	GW	045-23807	CC Federal 0697-03-08E	RI
453184	WELL	PR	08/01/2022	GW	045-23810	CC 0697-03-16W	RI
453185	WELL	PR	08/01/2022	GW	045-23811	CC 0697-03-15E	RI
453187	WELL	PR	09/01/2022	GW	045-23813	CC 0697-03-13E	RI
453188	WELL	PR	01/03/2023	OW	045-23814	CC 0697-03-09E	RI
453189	WELL	PR	08/01/2022	GW	045-23815	CC 0697-03-17W	RI

453190	WELL	PR	08/01/2022	GW	045-23816	CC 0697-03-16E	RI
--------	------	----	------------	----	-----------	----------------	----

General Comment:

On 9/19/2023, Reclamation Specialist Trujillo conducted an inspection at Laramie Energy LLC's Cascade Creek (CC) 0697-03-07 location in Garfield County, Colorado.

This inspection is a followup to #696204555, #696205102 and #696205152 to document compliance with the following corrective actions:

- Signage
- Stained soils/Spills
- Stormwater

Any corrective action(s) from previous inspections that have not been addressed are still applicable. The "Date of Discovery" is being provided as the corrective action date for all new observed compliance issues. Location will remain out of compliance until corrective action(s) has(have) been resolved. A follow up inspection on this site will be conducted to ensure the compliance issues have been corrected to comply with COGCC rules.

LocationOverall Good: ☐**Signs/Marker:**

Type	WELLHEAD		
Comment:			
Corrective Action:		Date:	
Type	TANK LABELS/PLACARDS		
Comment:	Tanks at battery		
Corrective Action:		Date:	
Type	BATTERY		
Comment:	Posted on the southwestern tank at the battery		
Corrective Action:		Date:	
Type	OTHER		
Comment:	Location		
Corrective Action:		Date:	
Type	TANK LABELS/PLACARDS		
Comment:	Previous inspection observed that many of the frac tanks on Location lack required labeling. Inspection required Operator to comply with 605.h. Though most of the tanks on the Location have been removed, 1 frac tank remains; tank lacks required label information in accordance with Rule 605.h. This CA remains applicable.		
Corrective Action:	Comply with Rule 605.h	Date:	09/19/2023

Emergency Contact Number:

Comment:	1-800-891-6191/911		
Corrective Action:		Date:	

Overall Good: ☐**Spills:**

Type	Area	Volume		
Comment:	Unknown black material observed spilled throughout the Location and access road.			
Corrective Action:	Clean spills and implement proper materials handling and spill prevention procedures.			Date: 09/19/2023
Comment:	Stained soils observed at pipeline equipment on the south end of the Location.			
Corrective Action:	Clean/remediate stained soils to Table 915-1 cleanup standards.			Date: 09/19/2023

In Containment: No

Comment: Previous inspection observed POLS spilled onto the working pad surface. Inspection required Operator to clean spill. Previous inspection also observed discolored fluids within the secondary containment BMPs of the mobile pumping units. Inspection required Operator to remove and properly dispose fluids.

It was observed in this inspection that the spills appear to have cleaned, and the containment BMPs, equipment and fluids have been removed. This CA has been resolved.

These CAa have been resolved

☐ Multiple Spills and Releases?

Venting:			
Yes/No			
Comment:			
Corrective Action:		Date:	
Flaring:			
Type			
Comment:			
Corrective Action:		Date:	

--	--	--	--

Inspected Facilities				
Facility ID: <u>452806</u>	Type: <u>WELL</u>	API Number: <u>045-23793</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>452807</u>	Type: <u>LOCATION</u>	API Number: <u>-</u>	Status: <u>AC</u>	Insp. Status: <u>RI</u>
Facility ID: <u>453168</u>	Type: <u>WELL</u>	API Number: <u>045-23794</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>453169</u>	Type: <u>WELL</u>	API Number: <u>045-23795</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>453170</u>	Type: <u>WELL</u>	API Number: <u>045-23796</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>453171</u>	Type: <u>WELL</u>	API Number: <u>045-23797</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>453172</u>	Type: <u>WELL</u>	API Number: <u>045-23798</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>453173</u>	Type: <u>WELL</u>	API Number: <u>045-23799</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>453174</u>	Type: <u>WELL</u>	API Number: <u>045-23800</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>453175</u>	Type: <u>WELL</u>	API Number: <u>045-23801</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>453176</u>	Type: <u>WELL</u>	API Number: <u>045-23802</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>453177</u>	Type: <u>WELL</u>	API Number: <u>045-23803</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>453178</u>	Type: <u>WELL</u>	API Number: <u>045-23804</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>453179</u>	Type: <u>WELL</u>	API Number: <u>045-23805</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>453181</u>	Type: <u>WELL</u>	API Number: <u>045-23807</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>453184</u>	Type: <u>WELL</u>	API Number: <u>045-23810</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>453185</u>	Type: <u>WELL</u>	API Number: <u>045-23811</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>453187</u>	Type: <u>WELL</u>	API Number: <u>045-23813</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>453188</u>	Type: <u>WELL</u>	API Number: <u>045-23814</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>

Facility ID:	453189	Type:	WELL	API Number:	045-23815	Status:	PR	Insp. Status:	RI
Facility ID:	453190	Type:	WELL	API Number:	045-23816	Status:	PR	Insp. Status:	RI

Environmental

Waste Management:

Type	Management	Condition	GPS (Lat)	(Long)
Drill Cuttings				
Comment:	Pursuant to Form 2A #401387622, drill cuttings will be disposed "onsite". Drill cuttings are currently stored along the cut slopes on the south end of the Location. Unable to find a remediation project related to the drill cuttings on the Location.			
Corrective Action:	Contact NW EPS Arauza and submit Form 27 for remediation of drill cuttings.			Date: 09/19/2023

Spill/Remediation:

Comment:			
Corrective Action:			Date: _____

Emission Control Burner (ECB): _____

Comment: _____

Pilot: _____ Wildlife Protection Devices (fired vessels): _____

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? _____ In _____

Comment

Majority of frac tanks have been removed; 1 tank and pipe associated with frac operations on the Cascade Creek (CC) 010-21-41 Location remain on site; frac operations have been completed, equipment will require removal.

Corrective Action _____

Date _____

Pit, cellars, rat holes and other bores closed? _____

Comment

No pit on site

Corrective Action _____

Date _____

Guy line anchors marked? _____

Comment

Anchors not observed

Corrective Action _____

Date _____

- 1003b. Area no longer in use? _____ Production areas stabilized ? _____
- 1003c. Compacted areas have been cross ripped? _____
- 1003d. Drilling pit closed? _____ Subsidence over on drill pit? _____
- Cuttings management: Per form 2A, cuttings will be disposed on site. _____
- 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? _____ Segregated soils have been replaced? _____

RESTORATION AND REVEGETATIONCropland

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

Non-Cropland

Top soil replaced _____ Recontoured _____ 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? _____

Comment

Records show all wells have been completed on the Location as of 1/3/2023.

Operator received approval on Form 4 #403389107 to use the CC 0697-03-07 as a staging area for frac operations on the CC 610-21-41. Operator comments state "once wells are completed, the "frac" tanks will be removed and the 03-07 pad will be interim reclaimed".

It was observed in this inspection that frac operations on the CC 610-21-41 have been completed, and all but 1 tanks have been removed from the Location; pursuant to 1003 rules, interim reclamation is now required w/in 6 months.

A followup inspection will be conducted to determine compliance with 1003 requirements.

Corrective Action

Date _____

Overall Interim Reclamation

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: [See "Stormwater Comments" at the end of this report.](#)Corrective Action: **Comply with Rule 1002.f and install or repair required stormwater and erosion control measures to stabilize slopes.**

Date: 08/04/2023

Pits: ☐ NO SURFACE INDICATION OF PIT**COGCC Comments**

Comment	User	Date
STORMWATER COMMENT	trujilloam	09/21/2023
Previous inspections observed that the porta-john units on the Location have not been secured, and that chemicals/fecal material had been spilled upon the working pad surface. Inspection required Operator to comply with Rule 1002.f, Rule 602.m, and to clean stained soils and fecal material from the working pad and properly dispose. It was observed in this inspection that the sanitary facilities have been secured, and the spill cleaned. This CA has been resolved.		
Inspection #696205152 also observed that the slopes west of the location entrance lacked stabilization. Inspection required Operator to comply with Rule 1002.f.		
It was observed in this inspection that stormwater and erosion control measures remain missing or insufficient at the slopes. This CA remains applicable.		
Remediation of drill cuttings / cuttings management is not interpreted as part of "drilling or subsequent operations", per the "NTO: Interim Reclamation Procedures for Delayed Operations"; Operators will conduct Land Treatment in a manner that does not preclude compliance with Rules 1003	trujilloam	09/21/2023

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

Document Num	Description	URL
696205262	Inspection Photos	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=6260185