

**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:

12/01/2021

Submitted Date:

12/03/2021

Document Number:

696203392**FIELD INSPECTION FORM**Loc ID 335643 Inspector Name: Trujillo, Aaron On-Site Inspection ☐ 2A Doc Num: ☐**Operator Information:**OGCC Operator Number: 10433Name of Operator: LARAMIE ENERGY LLCAddress: 1001 17TH STREET #1900City: 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 Comments1 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
335643	LOCATION	AC			-	Cascade Creek 697-16-28	RI

General Comment:

On 12/1/2021, Reclamation Specialist Trujillo inspected Laramie Energy's CC 0616-21-32 Pad location in Garfield County, Colorado.

This inspection is a followup to #696203156 and #696203344 to document compliance with the following corrective actions:

- 1002.f: Stormwater by 9/20/2021
- 1002.b: Documentation of topsoil

It was observed in this inspection that the Location remains out of compliance with COGCC Rules and corrective actions.

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 inspection on this site 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: RANGELAND

Comment: _____

1002 SITE PREPARATION AND STABILIZATION

1002a. FENCING _____

Comment _____

Corrective Action _____

Date _____

1002b. SOIL REMOVAL AND SEGREGATION _____

Comment _____

Previous inspections observed that there appeared to be insufficient topsoil for final reclamation. Inspection required Operator to submit a Form 4 showing location of where topsoil is being stored, and amount.

Operator submitted #402862691 stating 550 cubic yards of topsoil is placed.

After additional evaluation, including topsoil test-pits, it was determined that there is approximately 13" of topsoil within the reference area; this indicates that 18,934 cy of topsoil should have been salvaged over the 10.68 acre disturbance area.

Through staff analysis, it has been determined that inadequate topsoil was salvaged, and this is a compliance concern.

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? _____ Production areas stabilized ? _____

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? _____ 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

Previous inspection required Operator to comply with 1003 rules by 11/15/2021.

Operator submitted FIRR Nos. 402874413 and 402874425 on 11/18/2021 stating additional work to seed the Location was performed on 11/03/2021.

Reclamation in process, continue to monitor/manage location until site receives a passing final inspection. Conduct addition work as necessary to ensure site progresses towards, and meets 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: 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"/>

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.	
Corrective Action:	Install or repair required BMPs in accordance with good engineering practices per Rule 1002.f.(2)C	Date: 09/20/2021

Pits: ☐ NO SURFACE INDICATION OF PIT

COGCC Comments

Comment	User	Date
<p>STORMATER COMMENTS</p> <p>Previous inspections observed that control measures to protect/stabilize the cut/fill slopes of the Location, and manage runoff were missing or insufficient. Inspection required Operator to comply with Rule 1002.f by 9/20/2021.</p> <p>It was observed in this inspection that a slope drain has been installed on the northwestern production area to manage runoff, and erosion control blankets have been installed on the cut slopes of the Location. This portion of the corrective action has been addressed.</p> <p>It was also observed that Operator has applied straw mulch on the northwestern fill slopes of the Location; mulch has been loosely applied; fill slopes constructed with a steep grade, with rocky subgrade material. Straw mulch alone inadequate to protect/stabilize slopes per good engineering practices and the site's conditions. This portion of the CA has not been addressed and remains applicable.</p>	trujilloam	12/03/2021

Attached Documents

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

Document Num	Description	URL
402887060	INSPECTION SUBMITTED	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5595999
696203407	Inspection Photos	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5595995