

FORM
INSPRev
X/15State of Colorado
Oil and Gas Conservation Commission1120 Lincoln Street, Suite 801, Denver, Colorado 80203
Phone: (303) 894-2100 Fax: (303) 894-2109

Inspection Date:

12/08/2020

Submitted Date:

12/10/2020

Document Number:

696202114

FIELD INSPECTION FORM

 Loc ID 452807 Inspector Name: Trujillo, Aaron On-Site Inspection 2A Doc Num:
Status Summary:

- THIS IS A FOLLOW UP INSPECTION
 FOLLOW UP INSPECTION REQUIRED
 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:

- 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
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
452806	WELL	XX	10/30/2017		045-23793	CC Federal 0697-03-01E	RI
452807	LOCATION	AC			-	CC 0697-03-07 Pad	RI
453168	WELL	PR	12/21/2018	GW	045-23794	CC 0697-03-13W	RI
453169	WELL	XX	11/29/2017		045-23795	CC Federal 0697-03-03E	RI
453170	WELL	PR	12/21/2018	GW	045-23796	CC 0697-03-12W	RI
453171	WELL	PR	10/26/2018	GW	045-23797	CC 0697-03-17E	RI
453172	WELL	XX	11/29/2017		045-23798	CC Federal 0697-03-04E	RI
453173	WELL	XX	11/29/2017		045-23799	CC Federal 0697-03-02E	RI
453174	WELL	XX	11/29/2017		045-23800	CC 0697-03-11W	RI
453175	WELL	PR	11/24/2018	GW	045-23801	CC 0697-03-14E	RI
453176	WELL	PR	11/23/2018	GW	045-23802	CC 0697-03-15W	RI
453177	WELL	PR	12/21/2018	GW	045-23803	CC 0697-03-12E	RI
453178	WELL	PR	11/22/2018	GW	045-23804	CC 0697-03-14W	RI
453179	WELL	XX	11/29/2017		045-23805	CC 0697-03-10E	RI
453181	WELL	PR	12/22/2018	GW	045-23807	CC Federal 0697-03-08E	RI
453184	WELL	PR	10/24/2018	GW	045-23810	CC 0697-03-16W	RI
453185	WELL	PR	11/24/2018	GW	045-23811	CC 0697-03-15E	RI
453187	WELL	PR	12/22/2018	OG	045-23813	CC 0697-03-13E	RI
453188	WELL	XX	11/29/2017		045-23814	CC 0697-03-09E	RI
453189	WELL	PR	10/29/2018	GW	045-23815	CC 0697-03-17W	RI

453190	WELL	PR	10/26/2018	GW	045-23816	CC 0697-03-16E	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 CC 0697-03-07 Pad location in Garfield County, Colorado.

This inspection is a follow-up to inspection #692401699 to document compliance with the following corrective action:
1003.b: Interim Reclamation

This following compliance issues were observed during the inspection:

1002.f.(2): Stormwater
1003.b: Interim Reclamation

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>452806</u>	Type: <u>WELL</u>	API Number: <u>045-23793</u>	Status: <u>XX</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>XX</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>XX</u>	Insp. Status: <u>RI</u>
Facility ID: <u>453173</u>	Type: <u>WELL</u>	API Number: <u>045-23799</u>	Status: <u>XX</u>	Insp. Status: <u>RI</u>
Facility ID: <u>453174</u>	Type: <u>WELL</u>	API Number: <u>045-23800</u>	Status: <u>XX</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>XX</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>XX</u>	Insp. Status: <u>RI</u>

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

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

FIR #692401699 documented that the Location was out of compliance with 1003 requirements, required Operator to conduct interim reclamation on the Location.

It was observed in this inspection that areas not needed for production have not been reclaimed on the Location in accordance with 1003 Rules and corrective actions. Records show 12/2/2018 as the "date of first production", for the last well to go into production on the Location; pursuant to Rule 1003.b interim reclamation of the Location was required by 6/2/2019. It was also observed that slopes along access road are bare soil, and will also require revegetation.

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 6/2/2019 is being provided as interim reclamation was required by this date.

Date 06/02/2019

Overall 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, and access road 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 1/10/2021 until interim reclamation of the Location is conducted, at which point long-term controls will need to be implemented.

Date: 01/10/2021

Pits: NO SURFACE INDICATION OF PIT

Attached Documents

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

Document Num	Description	URL
696202115	Inspection Photos	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5308220