

FORM
INSPRev
X/20State of Colorado
Oil and Gas Conservation Commission1120 Lincoln Street, Suite 801, Denver, Colorado 80203
Phone: (303) 894-2100 Fax: (303) 894-2109

Inspection Date:

08/13/2021

Submitted Date:

08/17/2021

Document Number:

696203079

FIELD INSPECTION FORM

Loc ID 425092 Inspector Name: Trujillo, Aaron On-Site Inspection 2A Doc Num: _____

Operator Information:

OGCC Operator Number: 10433
Name of Operator: LARAMIE ENERGY LLC
Address: 1401 17TH STREET SUITE #1400
City: 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 Comments
3 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
425087	WELL	AL	02/06/2013	LO	077-10165	NBC Elk Ranch 17-22D	RI
425092	LOCATION	AC			-	NBC Elk Ranch 17-22D	RI
426264	WELL	AL	02/06/2013	LO	077-10187	NBC Elk Ranch 17-23D	RI

General Comment:

On 8/13/2021, Reclamation Specialist Trujillo conducted a final reclamation inspection at Laramie Energy's NBC Elk Ranch 17-22D location in Mesa County, Colorado.

The following compliance issues were observed during this inspection:

- 1002.f: Stormwater
- 1004: Interim reclamation
- 1004.e: Noxious weeds

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.

Location

Overall Good:

Emergency Contact Number:

Comment:

Corrective Action:

Date: _____

Good Housekeeping:

Type

WEEDS

Comment:

Though not as dense as documented in previous inspections, noxious weeds (Musk thistle, Bindweed) were observed on the Location and access road. Plants observed have matured and are currently seeding out. Additional noxious weed management will need to be conducted in the 2022 growing season to prevent further establishment.

Corrective Action:

Comply with Rule 1004.e; due to seed head dispersal, additional weed management will be required during the Spring 2022 growing season, but no later than 5/31/2022.

Date: 05/31/2022

Overall Good:

Spills:

Type

Area

Volume

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: 425087 Type: WELL API Number: 077-10165 Status: AL Insp. Status: RI

Facility ID: 425092 Type: LOCATION API Number: - Status: AC Insp. Status: RI

Facility ID: 426264 Type: WELL API Number: 077-10187 Status: AL Insp. Status: RI

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? _____ 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 REVEGETATION

Cropland

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

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 **Fail** _____

Non cropland: Revegetated 80% **Fail** _____ 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:

Historic imagery indicates the road pre-existed Location.
 Records show Location was constructed, and was abandoned in 2013.
 It was observed in this inspection that the Location has been recontoured/regraded and revegetation activities have been performed; Overall reclamation is "in process", however, there are areas of the Location where vegetative establishment is not uniform; additional revegetation activities required to ensure site progresses towards 1004 standards.
 Noxious weeds observed (see "Good Housekeeping").
 Stormwater erosion degradation issues observed (see "stormwater").

Corrective Action: **Comply with COGCC 1004 rules; conduct additional revegetation activities on areas of the Location not progressing towards a uniform vegetative establishment. To allow for a fall seeding, a CA date of 11/15/2021 is being provided to perform reclamation work.**

Date 11/15/2021

Overall Final Reclamation In Process 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
Waddles	Fail					Debris

Comment: **It was observed in this inspection that BMPs are missing or insufficient on the Location; gully erosion observed on unvegetated areas of the Location; waddles observed are not in proper functioning condition, and are considered debris; stormwater monitoring/management inadequate.**

Corrective Action: **Comply with Rule 1002.f and implement and maintain temporary stormwater and erosion control BMPs until additional final reclamation has been performed; temporary BMPs required by 8/24/2021.**
Once additional final reclamation activities have been conducted, additional BMPs to stabilize the seeded soils, manage runoff and to protect the reclamation area will be required; monitor and maintain BMPs per good engineering practices until Location receives a passing final inspection.

Date: 08/24/2021

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
696203080	Inspection Photos	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5508191