

**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:

04/13/2020

Submitted Date:

04/17/2020

Document Number:

692402096**FIELD INSPECTION FORM**Loc ID 334517 Inspector Name: Colby, Lou On-Site Inspection ☐ 2A Doc Num: _____**Operator Information:**OGCC Operator Number: 10433Name of Operator: LARAMIE ENERGY LLCAddress: 1401 SEVENTEENTH STREET #1401City: DENVER State: CO Zip: 80202**Status Summary:**☐ THIS IS A FOLLOW UP INSPECTION☒ FOLLOW UP INSPECTION REQUIRED☐ NO FOLLOW UP INSPECTION REQUIRED**Findings:**9 Number of Comments2 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
Byers, Jim	970 -876 -9056	jbyers@blm.gov	NRS
Gross, Jason	970-876-9046	jason.gross@usda.gov	Surface
		cogccnotifications@laramie-energy.com	All inspections
Arauza, Steven		steven.arauza@state.co.us	
Fischer, Alex		alex.fischer@state.co.us	

Inspected Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
290711	WELL	PR	08/01/2019	LO	077-09306	Hells Gulch Federal 35-01W	RI

General Comment:

This is an Interim Reclamation & Stormwater focused Inspection of a Fed/Fed Location. Any Corrective Actions from previous Inspections that have not been addressed are still applicable.

Location had 502b Variance(to Delay Interim Reclamation)Doc#2369002 Approved 8/27/2012.

Site was Constructed in 2009. 2A to Amend Location was Approved in 2012. Four APDs were Approved for site in 2007 & 2008; Two Permits Abandoned in 2011; One in 2017. The remaining APD was with Drilled, Spud Date of 9/30/17; Form 6, Intent to Abandon and Proposed Plugging Procedure were Approved 4/1/2020.

Inspected Facilities									
Facility ID:	290711	Type:	WELL	API Number:	077-09306	Status:	PR	Insp. Status:	RI

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Environmental**Spills/Releases:**

Type of Spill: _____ Estimated Spill Volume: _____

Comment: _____

Corrective Action: _____ Date: _____

Reportable: _____ GPS: Lat _____ Long _____

Proximity to Surface Water: _____ Depth to Ground Water: _____

Water Well Complaint:

Lat _____ Long _____

DWR Receipt Num: _____ Owner Name: _____ GPS : _____

Field Parameters:

Sample Location: _____ Comment: _____

Waste Management:

Type	Management	Condition	GPS (Lat) (Long)
Drill Cuttings			
Comment	What appears to be Drill cuttings are stored at Southeast corner of Location, at base of Cut slope.		
Corrective Action	E&P Waste not properly stored, handled, transported, treated, recycled, or disposed per Rule 907. Contact COGCC EPS staff.		Date: 04/20/2020

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 _____

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 [Addressed in Environmental Section.](#)

Corrective Action _____

Date _____

Unused or unneeded equipment onsite? _____

Comment [Was addressed in Field Insp Doc#699800805](#)

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

Form 6, Intent to Abandon and Proposed Plugging Procedure were Approved 4/1/2020 for the one active Well on Location. Federal contacts indicated, that site will be scheduled for Final Reclamation after Plugging of the Well; that Interim Reclamation will Not be Installed. Maintenance & Compliance with applicable tabs above, are required until Final Reclamation is installed(ie: weeds, stabilization, protection of soils, debris, equipment).

It was early in season to assess vegetation/weed growth at site, though old growth of Debris weeds was noted on Fill slopes. Refer to Stormwater & Environmental section for present issues of concern.

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: No stormwater BMPs around what appears to be cuttings pile stored at SE Corner. Despite identification of stockpile; any unconsolidated Piles of materials/soils are potential Pollution sources.

BMPs & pad have not been designed and maintained to minimize ponding of stormwater; leading to rutting, and degradation of pad surface in SW portion of pad where equipment is Positioned and along base of Cut slope.

Drains/ discharge points, along top of Fill slope are blocked (during Frac Phase?)/not functioning though it was noted that SW appears to be cutting through at some points.

Cut Slope is not stabilized, rill erosion is occurring, sediment is moving onto location. Fill slopes should be monitored for deterioration, initiation of erosion

Corrective Action: Install or repair required BMPs per Rule 1002.f. Controls to be installed at cuttings pile ASAP; other repairs/ installations to be completed by 5/17/20.

Date: 04/24/2020

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
402374348	INSPECTION SUBMITTED	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5126776
692402102	Inspection Photos RI	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5126769