

**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:

07/30/2018

Submitted Date:

08/24/2018

Document Number:

692400041**FIELD INSPECTION FORM**

Loc ID 450791	Inspector Name: Colby, Lou	On-Site Inspection <input type="checkbox"/>	2A Doc Num: _____
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**Operator Information:**

OGCC Operator Number: 10433

Name of Operator: LARAMIE ENERGY LLC

Address: 1401 SEVENTEENTH STREET #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:**

5 Number of Comments

2 Number of Corrective Actions

☒ Corrective Action Response Requested

<b>Contact Information:</b>			
Contact Name	Phone	Email	Comment
Arauz, Steven		steven.arauza@state.co.us	
		cogccnotifications@laramie-energy.com	<a href="#">All inspections</a>

<b>Inspected Facilities:</b>							
Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
450786	WELL	PR	04/01/2018	OG	077-10402	Nichols 0994-24-02W	RI
450787	WELL	DG	02/03/2018		077-10403	Nichols 0994-13-20E	RI
450788	WELL	PR	05/01/2018		077-10404	Nichols 0994-24-07W	RI
450789	WELL	PR	05/01/2018		077-10405	Nichols 0994-24-06E	RI
450790	WELL	DG	01/16/2018		077-10406	Nichols 0994-24-01E	RI
450792	WELL	PR	04/01/2018	OG	077-10407	Nichols 0994-24-05W	RI
450793	WELL	PR	04/01/2018		077-10408	Nichols 0994-24-05E	RI
450794	WELL	DG	01/28/2018		077-10409	Nichols 0994-13-20W	RI
450795	WELL	PR	05/27/2018	OW	077-10410	Nichols 0994-24-09E	RI
450796	WELL	DG	02/06/2018		077-10411	Nichols 0994-13-18E	RI
450797	WELL	PR	05/27/2018	OW	077-10412	Nichols 0994-24-08E	RI
450798	WELL	DG	01/24/2018		077-10413	Nichols 0994-13-21W	RI
450799	WELL	PR	05/01/2018		077-10414	Nichols 0994-24-07E	RI
450800	WELL	PR	05/01/2018	OW	077-10415	Nichols 0994-24-06W	RI
450801	WELL	DG	01/20/2018		077-10416	Nichols 0994-13-21E	RI
450802	WELL	DG	02/10/2018		077-10417	Nichols 0994-13-18W	RI
450803	WELL	DG	01/12/2018		077-10418	Nichols 0994-24-01W	RI
450804	WELL	PR	04/01/2018		077-10419	Nichols 0994-24-03E	RI
450805	WELL	PR	04/01/2018		077-10420	Nichols 0994-24-04E	RI
450806	WELL	PR	04/01/2018		077-10421	Nichols 0994-24-02E	RI

<b>General Comment:</b>

This Inspection is submitted to Replace Insp Doc#692400012 (deleted) which had incorrect Location ID#.

This is a Post Construction & Stormwater focused Inspection. Inspection conducted as Follow Up to site visit by COGCC staff & Operator personel to address Construction & Stormwater practices at Locations in area. Stormwater & stabilization issues were identified that needed to be addressed.

Inspected Facilities				
Facility ID: <u>450786</u>	Type: <u>WELL</u>	API Number: <u>077-10402</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>450787</u>	Type: <u>WELL</u>	API Number: <u>077-10403</u>	Status: <u>DG</u>	Insp. Status: <u>RI</u>
Facility ID: <u>450788</u>	Type: <u>WELL</u>	API Number: <u>077-10404</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>450789</u>	Type: <u>WELL</u>	API Number: <u>077-10405</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>450790</u>	Type: <u>WELL</u>	API Number: <u>077-10406</u>	Status: <u>DG</u>	Insp. Status: <u>RI</u>
Facility ID: <u>450792</u>	Type: <u>WELL</u>	API Number: <u>077-10407</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>450793</u>	Type: <u>WELL</u>	API Number: <u>077-10408</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>450794</u>	Type: <u>WELL</u>	API Number: <u>077-10409</u>	Status: <u>DG</u>	Insp. Status: <u>RI</u>
Facility ID: <u>450795</u>	Type: <u>WELL</u>	API Number: <u>077-10410</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>450796</u>	Type: <u>WELL</u>	API Number: <u>077-10411</u>	Status: <u>DG</u>	Insp. Status: <u>RI</u>
Facility ID: <u>450797</u>	Type: <u>WELL</u>	API Number: <u>077-10412</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>450798</u>	Type: <u>WELL</u>	API Number: <u>077-10413</u>	Status: <u>DG</u>	Insp. Status: <u>RI</u>
Facility ID: <u>450799</u>	Type: <u>WELL</u>	API Number: <u>077-10414</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>450800</u>	Type: <u>WELL</u>	API Number: <u>077-10415</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>450801</u>	Type: <u>WELL</u>	API Number: <u>077-10416</u>	Status: <u>DG</u>	Insp. Status: <u>RI</u>
Facility ID: <u>450802</u>	Type: <u>WELL</u>	API Number: <u>077-10417</u>	Status: <u>DG</u>	Insp. Status: <u>RI</u>
Facility ID: <u>450803</u>	Type: <u>WELL</u>	API Number: <u>077-10418</u>	Status: <u>DG</u>	Insp. Status: <u>RI</u>
Facility ID: <u>450804</u>	Type: <u>WELL</u>	API Number: <u>077-10419</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>450805</u>	Type: <u>WELL</u>	API Number: <u>077-10420</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>

Facility ID:	450806	Type:	WELL	API Number:	077-10421	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  
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? \_\_\_\_\_ F \_\_\_\_\_

Comment Site is not yet at timeline phase requiring Interim Reclamation to be installed.

Noxious weeds, Musk thistle, was noted on site; plants seed heads were matured & dispensing seed.

Corrective Action Control Noxious Weeds.

Date **09/03/2018**

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
Drains	Fail					
Compaction	Pass					
Retention Ponds	Pass					
Hydro Mulch						To be installed
Sediment Traps	Fail					
Gravel	Pass					
Culverts	Pass					
Waddles	Pass					
Silt Fences	Pass					
Check Dams	Pass					

**Comment:** Drain at middle of Pad edge on Fill slope side has had drain opening partially cleared (was blocked by dirt). Sediment pooling area & drain opening as well as BMP at base of Fill slope (that receives discharge from flexible drain pipe) need further structure formation / stabilization to handle discharge of stormwater. Refer to Photo#s 5,6,7 attached.

What appears to be cuttings material are spread on slope at Southeast corner of Location, immediately upgrade of stormwater ditch that channels SW to BMPs and off Location. There are no BMPs installed to prevent transport of Cuttings residue/sediment into ditch.

Operator has reported that Fill slope has been Stabilized (Hydro-mulch applied) August 2, 2018.

**Corrective Action:** There are two CAs & two CA Dates in this Section:  
CA#1) Install or repair required BMPs per Rule 1002.f. by 9/7/18.

CA#2) Contact COGCC EPS, Steven Arauza, for discussion of Location Cuttings material & providing status report with Cuttings sample data and if results are Table 910-1 compliant by 8/31/18.

Date: 09/07/2018

**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
401744215	INSPECTION SUBMITTED	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4561947">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4561947</a>
692400042	Inspection Photos	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4561945">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4561945</a>