

**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:

10/16/2018

Submitted Date:

10/17/2018

Document Number:

692400233**FIELD INSPECTION FORM**

Loc ID 452797	Inspector Name: Colby, Lou	On-Site Inspection <input type="checkbox"/>	2A Doc Num: _____	<b>Status Summary:</b> <input type="checkbox"/> THIS IS A FOLLOW UP INSPECTION <input checked="" type="checkbox"/> FOLLOW UP INSPECTION REQUIRED <input type="checkbox"/> NO FOLLOW UP INSPECTION REQUIRED <b>Findings:</b> 8 Number of Comments 1 Number of Corrective Actions <input checked="" type="checkbox"/> Corrective Action Response Requested			
<b>Operator Information:</b> OGCC Operator Number: <u>10433</u> Name of Operator: <u>LARAMIE ENERGY LLC</u> Address: <u>1401 SEVENTEENTH STREET #1400</u> City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80202</u>				<b>ANY CORRECTIVE ACTION(S) FROM PREVIOUS INSPECTIONS THAT HAVE NOT BEEN ADDRESSED ARE STILL APPLICABLE</b>			
<b>Contact Information:</b>							
Contact Name	Phone	Email	Comment				
		cogccnotifications@laramie-energy.com	All inspections				
Arauza, Steven		steven.arauza@state.co.us					
<b>Inspected Facilities:</b>							
Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
452788	WELL	DG	10/01/2018		077-10508	BCU 0993-21-05E	RI
452789	WELL	XX	10/29/2017		077-10509	BCU 0993-21-01E	RI
452790	WELL	XX	10/29/2017		077-10510	BCU 0993-21-02E	RI
452791	WELL	DG	10/09/2018		077-10511	BCU 0993-21-04W	RI
452792	WELL	DG	09/28/2018		077-10512	BCU 0993-21-05W	RI
452793	WELL	DG	08/31/2018		077-10513	BCU 0993-21-09E	RI
452794	WELL	DG	09/16/2018		077-10514	BCU 0993-21-07E	RI
452795	WELL	XX	10/29/2017		077-10515	BCU 0993-21-01W	RI
452796	WELL	DG	09/03/2018		077-10516	BCU 0993-21-08E	RI
452798	WELL	XX	10/29/2017		077-10517	BCU 0993-21-03W	RI
452799	WELL	DG	10/04/2018		077-10518	BCU 0993-21-04E	RI
452800	WELL	DG	09/19/2018		077-10519	BCU 0993-21-06E	RI
452801	WELL	DG	08/28/2018		077-10520	BCU 0993-21-09W	RI
452802	WELL	DG	08/24/2018		077-10521	BCU 0993-21-10W	RI
452803	WELL	DG	08/20/2018		077-10522	BCU 0993-21-10E	RI
452804	WELL	XX	10/29/2017		077-10523	BCU 0993-21-02W	RI
452805	WELL	DG	09/23/2018		077-10524	BCU 0993-21-06W	RI
452821	WELL	DG	09/07/2018		077-10525	BCU 0993-21-08W	RI
452831	WELL	DG	09/12/2018		077-10526	BCU 0993-21-07W	RI
<b>General Comment:</b>							

This is an Interim Reclamation & Stormwater focused Inspection. Any Corrective Actions from previous Inspections that have not been addressed are still applicable. Inspection was prompted by Operator self -reporting via email 10/15/18 of Fill slope failure at Location. Area had received a week of significant precipitation preceding the failure. Please be aware that there are two CAs in this Inspection; both are listed in the Stormwater Section.

**Location**Overall Good: ☐

Emergency Contact Number:

Comment: Corrective Action: Date: **Good Housekeeping:**

Type	STORAGE OF SUPL		
Comment:	<p>Equipment &amp; supplies are not being stored in accordance with good Housekeeping practices. Covering Materials / Materials handling /self-inspection addressed in Stormwater section.</p> <p>Several bags (labeled as Alcomer 507) on pallets had tears &amp; material spilled on ground. Laramie Drilling Manager was on site and indicated spill would be cleaned up ASAP. Covering Materials / Materials handling /self-inspection addressed in Stormwater section.</p>		
Corrective Action:	<input type="text"/>	Date:	<input type="text"/>

Overall Good: ☐**Spills:**

Type	Area	Volume		
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In Containment: No

Comment: ☐ Multiple Spills and Releases?**Venting:**

Yes/No	<input type="text"/>		
Comment:	<input type="text"/>		
Corrective Action:	<input type="text"/>	Date:	<input type="text"/>

**Flaring:**

Type	<input type="text"/>		
Comment:	<input type="text"/>		
Corrective Action:	<input type="text"/>	Date:	<input type="text"/>

Inspected Facilities				
Facility ID: <u>452788</u>	Type: <u>WELL</u>	API Number: <u>077-10508</u>	Status: <u>DG</u>	Insp. Status: <u>RI</u>
Facility ID: <u>452789</u>	Type: <u>WELL</u>	API Number: <u>077-10509</u>	Status: <u>XX</u>	Insp. Status: <u>RI</u>
Facility ID: <u>452790</u>	Type: <u>WELL</u>	API Number: <u>077-10510</u>	Status: <u>XX</u>	Insp. Status: <u>RI</u>
Facility ID: <u>452791</u>	Type: <u>WELL</u>	API Number: <u>077-10511</u>	Status: <u>DG</u>	Insp. Status: <u>RI</u>
Facility ID: <u>452792</u>	Type: <u>WELL</u>	API Number: <u>077-10512</u>	Status: <u>DG</u>	Insp. Status: <u>RI</u>
Facility ID: <u>452793</u>	Type: <u>WELL</u>	API Number: <u>077-10513</u>	Status: <u>DG</u>	Insp. Status: <u>RI</u>
Facility ID: <u>452794</u>	Type: <u>WELL</u>	API Number: <u>077-10514</u>	Status: <u>DG</u>	Insp. Status: <u>RI</u>
Facility ID: <u>452795</u>	Type: <u>WELL</u>	API Number: <u>077-10515</u>	Status: <u>XX</u>	Insp. Status: <u>RI</u>
Facility ID: <u>452796</u>	Type: <u>WELL</u>	API Number: <u>077-10516</u>	Status: <u>DG</u>	Insp. Status: <u>RI</u>
Facility ID: <u>452798</u>	Type: <u>WELL</u>	API Number: <u>077-10517</u>	Status: <u>XX</u>	Insp. Status: <u>RI</u>
Facility ID: <u>452799</u>	Type: <u>WELL</u>	API Number: <u>077-10518</u>	Status: <u>DG</u>	Insp. Status: <u>RI</u>
Facility ID: <u>452800</u>	Type: <u>WELL</u>	API Number: <u>077-10519</u>	Status: <u>DG</u>	Insp. Status: <u>RI</u>
Facility ID: <u>452801</u>	Type: <u>WELL</u>	API Number: <u>077-10520</u>	Status: <u>DG</u>	Insp. Status: <u>RI</u>
Facility ID: <u>452802</u>	Type: <u>WELL</u>	API Number: <u>077-10521</u>	Status: <u>DG</u>	Insp. Status: <u>RI</u>
Facility ID: <u>452803</u>	Type: <u>WELL</u>	API Number: <u>077-10522</u>	Status: <u>DG</u>	Insp. Status: <u>RI</u>
Facility ID: <u>452804</u>	Type: <u>WELL</u>	API Number: <u>077-10523</u>	Status: <u>XX</u>	Insp. Status: <u>RI</u>
Facility ID: <u>452805</u>	Type: <u>WELL</u>	API Number: <u>077-10524</u>	Status: <u>DG</u>	Insp. Status: <u>RI</u>
Facility ID: <u>452821</u>	Type: <u>WELL</u>	API Number: <u>077-10525</u>	Status: <u>DG</u>	Insp. Status: <u>RI</u>
Facility ID: <u>452831</u>	Type: <u>WELL</u>	API Number: <u>077-10526</u>	Status: <u>DG</u>	Insp. Status: <u>RI</u>

**Reclamation - Storm Water - Pit****Interim Reclamation:**

Date Interim Reclamation Started: \_\_\_\_\_ Date Interim Reclamation Completed: \_\_\_\_\_

Land Use: RANGELAND

Comment: [Drill Rig on site; Drilling ongoing.](#)**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 \_\_\_\_\_

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
Berms	Fail			Covering Materials	Fail	Refer to 1002 f.(2)A .See photos attached
Compaction	Fail			Material Handling And Spill Prevention	Fail	Refer to 1002 f. (2)B. See photos attached
Silt Fences	Fail			Self Inspection	Fail	Refer to 1002 f. (2)D See Photos attached
Ditches	Fail					
Sediment Traps	Fail					

Comment: It appears the flex pipe outlet on the north side of the pad was overwhelmed by storm water, which released over and caused failure of the containment berm and severe erosion of the fill slope, depositing sediment and damaging BMPs at base of slope. Temporary repair of Berm was finished up by contractor at time of inspection, though stormwater was still visible seeping out from under repair & down erosion channel in fill slope. SW controls for cuttings & materials are not adequate. Besides failed portion of fill slope, other areas of slope appear unstable. Housekeeping & equipment storage issues are interfering with good stormwater practices. Refer to 1002 f. (2)A.B.C. D. and Photo log attached.

Corrective Action: There are two CAS in this Section.  
 CA#1) Contact EPS Steven Arauza to discuss Cuttings management & analytical results by 10/24/18  
 CA#2) Continue installing, repairing required BMPs per Rule 1002.f. including stabilization of fill slope by 11/17/18. Saturated soils may delay repairs for some BMPs, though temporary solutions to control SW should be implemented ASAP.

Date: 10/24/2018

Pits: ☐ NO SURFACE INDICATION OF PIT

**Attached Documents**

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

Document Num	Description	URL
692400234	Inspection Photos	<a href="http://ogccwebblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4613042">http://ogccwebblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4613042</a>