

**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 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 SEVENTEENTH STREET #1400
City: DENVER State: CO Zip: 80202

Findings:

- 8 Number of Comments
- 1 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
Arauzo, Steven		steven.arauza@state.co.us	
		cogccnotifications@laramie-energy.com	All inspections

Inspected Facilities:

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

General Comment:

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: Equipment & supplies are not being stored in accordance with good Housekeeping practices. Covering Materials / Materials handling /self-inspection addressed in Stormwater section.

Several bags (labeled as Alcomer 507) on pallets had tears & 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.

Corrective Action:

Date: _____

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: <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
Silt Fences	Fail			Self Inspection	Fail	Refer to 1002 f. (2)D See Photos attached
Sediment Traps	Fail					
Ditches	Fail					
Compaction	Fail			Material Handling And Spill Prevention	Fail	Refer to 1002 f. (2)B. See photos attached
Comment:	<p>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.</p>					Date: 10/24/2018
Corrective Action:	<p>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.</p>					
Pits:	<input type="checkbox"/> 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
401800791	INSPECTION SUBMITTED	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4613047
692400234	Inspection Photos	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4613042