

**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: _____	Status Summary: <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 Findings: 8 Number of Comments 1 Number of Corrective Actions <input checked="" type="checkbox"/> Corrective Action Response Requested																																																																																																																																																																
Operator Information: 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>				ANY CORRECTIVE ACTION(S) FROM PREVIOUS INSPECTIONS THAT HAVE NOT BEEN ADDRESSED ARE STILL APPLICABLE																																																																																																																																																																
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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.

LocationOverall Good: ☐

Emergency Contact Number:

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

Type	STORAGE OF SUPL		
Comment:	<p>Equipment & 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 & 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:		Date:	

Overall Good: ☐**Spills:**

Type	Area	Volume		
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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>
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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>
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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 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 _____

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: 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
401800791	INSPECTION SUBMITTED	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4613047
692400234	Inspection Photos	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4613042