

**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:

04/18/2018

Submitted Date:

04/29/2018

Document Number:

680102913**FIELD INSPECTION FORM**

Loc ID 449874	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: 4 Number of Comments 2 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>																																																																																																																																											
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449850	WELL	PR	11/22/2017	OW	077-10374	Bruton 19-19W	RI
449851	WELL	PR	11/20/2017	OW	077-10375	Bruton 19-20W	RI
449852	WELL	PR	11/01/2017	OW	077-10376	Bruton 19-18W	RI
449853	WELL	PR	12/29/2017	OW	077-10377	Bruton 19-14E	RI
449854	WELL	PR	11/09/2017	OW	077-10378	Bruton 19-20E	RI
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449875	WELL	PR	12/28/2017	OW	077-10380	Bruton 19-16E	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. Location was Built and Wells Drilled in 2017. It appears that as the last Well began Production in December 2017; that Interim Reclamation should occur in June 2018 (unless subsequent drilling operations are to be commenced within 12 months).

Inspected Facilities				
Facility ID: 449831	Type: WELL	API Number: 077-10365	Status: PR	Insp. Status: RI
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Facility ID: 449850	Type: WELL	API Number: 077-10374	Status: PR	Insp. Status: RI
Facility ID: 449851	Type: WELL	API Number: 077-10375	Status: PR	Insp. Status: RI
Facility ID: 449852	Type: WELL	API Number: 077-10376	Status: PR	Insp. Status: RI
Facility ID: 449853	Type: WELL	API Number: 077-10377	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: IRRIGATED

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 _____ Fail _____

Comment _____

Topsoil is not being protected as required by Reclamation rules. Topsoil is not stabilized, has the potential for degradation due to mixing with subsoil and wind/water erosion, and has the potential to become a source of sediment pollution. Two areas of concern are #1) Topsoil along base of fill slope. #2) Topsoil at top of cut slope where cuttings have been piled & are mixing with soil. Refer to Photo Log attached.

Corrective Action _____

Protect & stabilize topsoil. Operator was on site and indicated that CAs discussed would be implemented ASAP.

Date **05/21/2018**

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: IRRIGATED _____

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
Sediment Traps	Fail	Culverts	Pass			
Ditches	Fail	Compaction	Pass			
Waddles	Pass	Ditches	Pass			

Comment: Stormwater erosion is occurring on SE section of cut slope & sediment is migrating onto & off of site. Slope needs to be stabilized. Operator was on site and indicated that CAs discussed would be implemented ASAP.

Corrective Action: Install or repair required BMPs per Rule 1002.f.

Date: 05/16/2018

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
401624832	INSPECTION SUBMITTED	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4448979
680102924	Inspection Photos	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4448968