

FORM
INSPRev
X/15

State of Colorado Oil and Gas Conservation Commission

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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: 10433				
Name of Operator: LARAMIE ENERGY LLC				
Address: 1401 SEVENTEENTH STREET #1400				
City: DENVER State: CO Zip: 80202				

Contact Information:			
Contact Name	Phone	Email	Comment
		cogccnotifications@laramie-energy.com	All inspections

Inspected Facilities:							
Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
449831	WELL	PR	01/15/2018	OW	077-10365	Bruton 19-12E	RI
449833	WELL	PR	12/30/2017	OW	077-10366	Bruton 19-13E	RI
449834	WELL	PR	12/30/2017	OW	077-10367	Bruton 19-17E	RI
449840	WELL	PR	11/19/2017	OW	077-10368	Bruton 19-19E	RI
449843	WELL	PR	12/30/2017	OW	077-10369	Bruton 19-18E	RI
449846	WELL	PR	11/10/2017	OW	077-10370	Bruton 30-02E	RI
449847	WELL	PR	11/15/2017	OW	077-10371	Bruton 30-01E	RI
449848	WELL	PR	11/19/2017	OW	077-10372	Bruton 19-21E	RI
449849	WELL	PR	12/24/2017	OW	077-10373	Bruton 19-21W	RI
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
449855	WELL	PR	12/24/2017	OW	077-10379	Bruton 19-17W	RI
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: <u>449831</u>	Type: <u>WELL</u>	API Number: <u>077-10365</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>449833</u>	Type: <u>WELL</u>	API Number: <u>077-10366</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>449834</u>	Type: <u>WELL</u>	API Number: <u>077-10367</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>449840</u>	Type: <u>WELL</u>	API Number: <u>077-10368</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>449843</u>	Type: <u>WELL</u>	API Number: <u>077-10369</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>449846</u>	Type: <u>WELL</u>	API Number: <u>077-10370</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>449847</u>	Type: <u>WELL</u>	API Number: <u>077-10371</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>449848</u>	Type: <u>WELL</u>	API Number: <u>077-10372</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>449849</u>	Type: <u>WELL</u>	API Number: <u>077-10373</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>449850</u>	Type: <u>WELL</u>	API Number: <u>077-10374</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>449851</u>	Type: <u>WELL</u>	API Number: <u>077-10375</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>449852</u>	Type: <u>WELL</u>	API Number: <u>077-10376</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>449853</u>	Type: <u>WELL</u>	API Number: <u>077-10377</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>449854</u>	Type: <u>WELL</u>	API Number: <u>077-10378</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>449855</u>	Type: <u>WELL</u>	API Number: <u>077-10379</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>449875</u>	Type: <u>WELL</u>	API Number: <u>077-10380</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>

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 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: 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