

**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:

09/25/2018

Submitted Date:

09/27/2018

Document Number:

689701823**FIELD INSPECTION FORM**

Loc ID 324100	Inspector Name: LONGWORTH, MIKE	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
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>				Findings: 38 Number of Comments 10 Number of Corrective Actions <input checked="" type="checkbox"/> 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
Colby, Lou		lou.colby@state.co.us	
Pesicka, Conor		conor.pesicka@state.co.us	
Kellerby, Shaun		shaun.kellerby@state.co.us	
COGCC, Laramie	970-248-0497	cogccnotifications@laramie-energy.com	All inspections

Inspected Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
257135	WELL	PR	10/04/2012	GW	045-07519	CASCADE CREEK 608-41	PR
301359	WELL	XX	08/01/2016	GW	045-18126	Cascade Creek 697-05-78B	TA
301360	WELL	PR	08/14/2011	GW	045-18127	Cascade Creek 697-08-06A	PR
301361	WELL	PR	11/10/2011	GW	045-18128	Cascade Creek 697-08-08B	PR
301362	WELL	PR	05/16/2013	GW	045-18129	Cascade Creek 697-08-16	PR
301363	WELL	PR	03/05/2013	GW	045-18130	Cascade Creek 697-08-14	PR
301364	WELL	PR	11/11/2013	GW	045-18131	Cascade Creek 697-08-08A	PR
301387	WELL	PR	11/11/2013	GW	045-18146	Cascade Creek 697-05-80A	PR
301388	WELL	PR	12/05/2011	GW	045-18147	Cascade Creek 697-08-23A	PR
301389	WELL	PR	09/28/2011	GW	045-18148	Cascade Creek 697-08-06B	PR
301390	WELL	PR	05/18/2015	GW	045-18149	Cascade Creek 697-09-09	PR
301391	WELL	PR	10/07/2011	GW	045-18150	Cascade Creek 697-09-17B	PR
413183	WELL	PR	10/06/2011	GW	045-18730	Cascade Creek 697-09-17A	PR
413184	WELL	PR	10/14/2011	GW	045-18733	Cascade Creek 697-05-80B	PR
413185	WELL	PR	10/14/2011	GW	045-18732	Cascade Creek 697-05-72	PR
413186	WELL	PR	07/01/2017	GW	045-18731	Cascade Creek 697-05-78A	PR
419700	WELL	PR	10/29/2013	GW	045-20011	Cascade Creek 697-05-70	PR
419701	WELL	PR	11/05/2013	GW	045-20012	Cascade Creek 697-05-69	PR

419702	WELL	PR	10/07/2016	GW	045-20013	Cascade Creek 697-05-71	PR
419741	WELL	PR	06/21/2012	GW	045-20017	Cascade Creek 697-09-02B	PR
419764	WELL	PR	10/29/2014	GW	045-20020	Cascade Creek 697-09-19A	PR
419770	WELL	PR	10/07/2016	GW	045-20023	Cascade Creek 697-09-10B	PR
419772	WELL	XX	09/21/2016	GW	045-20024	Cascade Creek 697-09-10A	TA

General Comment:
[Routine General Field Inspection](#)

LocationOverall Good: ☐**Signs/Marker:**

Type	BATTERY		
Comment:	Sign at entrance and main road. No Contact number on sign.		
Corrective Action:	Install sign to comply with Rule 210.b.(2)	Date:	10/31/2018
Type	OTHER		
Comment:	No lock out tag out tags on out of service flow lines in tank battery containment. Lock out tag out tags missing from 2 of 6 out of service flow line risers at separators.		
Corrective Action:	Tag out of service lines.	Date:	10/31/2018
Type	WELLHEAD		
Comment:	The T/A 697-09-10A well sign not readily visible and no legal description on sign. T/A well 697-05-78B well sign off of well and laying in the cellar.		
Corrective Action:	Install sign to comply with Rule 210.b.	Date:	11/30/2018
Type	CONTAINERS		
Comment:	Faded label on center container.		
Corrective Action:	Install sign to comply with Rule 210.d.	Date:	11/30/2018
Type	TANK LABELS/PLACARDS		
Comment:	New labels on tanks and old damaged labels left on tanks. 500 gallon metahonal tank at well heads needs operator name, contact number and volume capacity. The labels are smaller than the previous labels and have been placed over the bigger labels. One of the old labels is visible and has conflicting hazard information. Out of service sticker has a smaller operator name sticker only partialy cover it.		
Corrective Action:	Install sign to comply with Rule 210.d. & .e.	Date:	11/30/2018

Emergency Contact Number:

Comment: 970-248-0497 Needs post on entrance battery sign.

Corrective Action:

Date: _____

Good Housekeeping:

Type	STORAGE OF SUPL		
Comment:	Storage of of heat tubes and tarps in well cellars and methanol containment.		
Corrective Action:	Comply with Rule 603.f .	Date:	10/31/2018

Overall Good: ☐**Spills:**

Type	Area	Volume		
------	------	--------	--	--

In Containment: No

Comment:

☐ Multiple Spills and Releases?**Fencing/:**

Type	WELLHEAD		
Comment:	Open cellars with no covers or fencing.		
Corrective Action:	Comply with Rule 1203.a.(13)	Date:	10/01/2018

Equipment:				corrective date	
Type: Horizontal Heated Separator	# 20				
Comment:					
Corrective Action:					Date:
Type: Plunger Lift	# 1				
Comment:					
Corrective Action:					Date:
Type: Vertical Heated Separator	# 4				
Comment:	Unit on multipal well pad.				
Corrective Action:					Date:
Type: Bird Protectors	# 15				
Comment:					
Corrective Action:					Date:
Type: Plunger Lift	# 20				
Comment:					
Corrective Action:					Date:
Type: Horizontal Heated Separator	# 3				
Comment:					
Corrective Action:					Date:
Type: Ancillary equipment	# 6				
Comment:	Chemical containers at wells.				
Corrective Action:					Date:

Tanks and Berms:

Contents	#	Capacity	Type	Tank ID	SE GPS	
CONDENSATE	1	400 BBLs	HEATED STEEL AST		,	
Comment:						
Corrective Action:						Date:

Paint

Condition	Adequate				
Other (Content)					
Other (Capacity)					
Other (Type)					

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance		
Metal	Adequate	Walls Sufficent	Base Sufficent	Adequate		
Comment:						
Corrective Action:					Date:	
Contents	#	Capacity	Type	Tank ID	SE GPS	
CONDENSATE	3	400 BBLs	STEEL AST		,	
Comment:						

Corrective Action:					Date:	
--------------------	--	--	--	--	-------	--

Paint

Condition	Adequate				
Other (Content)					
Other (Capacity)					
Other (Type)					

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance	
Metal	Adequate	Walls Sufficient	Base Sufficient	Adequate	
Comment:					
Corrective Action:					Date:

Venting:

Yes/No	NO		
Comment:			
Corrective Action:			Date:

Flaring:

Type		
Comment:		
Corrective Action:		Date:

Location Construction

Location ID: 324100 CDP: _____

Comment: _____

Corrective Action: _____

Date: _____

Form 2A COAs:

Comment: _____

Corrective Action: _____

Date: _____

Wildlife BMPs:

Comment: _____

Corrective Action: _____

Date: _____

Comment: _____

Corrective
Action: _____

Date: _____

On Site Inspection (305):

Surface Owner Contact Information:

Name: _____

Address: _____

Phone Number: _____

Cell Phone: _____

Operator Rep. Contact Information:

Landman Name: _____

Phone Number: _____

Date Onsite Request Received: _____

Date of Rule 306 Consultation: _____

Request LGD Attendance: _____

LGD Contact Information:

Name: _____ Phone Number: _____ Agreed to Attend: _____

Summary of Landowner Issues:

Summary of Operator Response to Landowner Issues:

Onsite Inspection Memorandum Summarizing Discussions at Inspection as Attachment:

Inspected Facilities									
Facility ID:	257135	Type:	WELL	API Number:	045-07519	Status:	PR	Insp. Status:	PR
Producing Well									
Comment:	Producing well								
Corrective Action:					Date:				
Facility ID:	301359	Type:	WELL	API Number:	045-18126	Status:	XX	Insp. Status:	TA
Idle Well									
Purpose:	<input type="checkbox"/> Shut In	<input checked="" type="checkbox"/> Temporarily Abandoned	Reminder: _____						
Comment:	Well is shut in with a single frac valve no cap on valve. Doc #200405651 MIT date 05-16-2014								
Corrective Action:					Date:				
Facility ID:	301360	Type:	WELL	API Number:	045-18127	Status:	PR	Insp. Status:	PR
Producing Well									
Comment:	Producing well								
Corrective Action:					Date:				
Facility ID:	301361	Type:	WELL	API Number:	045-18128	Status:	PR	Insp. Status:	PR
Producing Well									
Comment:	Producing well								
Corrective Action:					Date:				
Facility ID:	301362	Type:	WELL	API Number:	045-18129	Status:	PR	Insp. Status:	PR
Producing Well									
Comment:	Producing well								
Corrective Action:					Date:				
Facility ID:	301363	Type:	WELL	API Number:	045-18130	Status:	PR	Insp. Status:	PR
Producing Well									
Comment:	Producing well								
Corrective Action:					Date:				
Facility ID:	301364	Type:	WELL	API Number:	045-18131	Status:	PR	Insp. Status:	PR
Producing Well									
Comment:	Producing well								
Corrective Action:					Date:				
Facility ID:	301387	Type:	WELL	API Number:	045-18146	Status:	PR	Insp. Status:	PR

<u>Producing Well</u>				
Comment:	Producing well			
Corrective Action:			Date:	
Facility ID: 301388 Type: WELL API Number: 045-18147 Status: PR Insp. Status: PR				
<u>Producing Well</u>				
Comment:	Producing well			
Corrective Action:			Date:	
Facility ID: 301389 Type: WELL API Number: 045-18148 Status: PR Insp. Status: PR				
<u>Producing Well</u>				
Comment:	Producing well			
Corrective Action:			Date:	
Facility ID: 301390 Type: WELL API Number: 045-18149 Status: PR Insp. Status: PR				
<u>Producing Well</u>				
Comment:	Producing well			
Corrective Action:			Date:	
Facility ID: 301391 Type: WELL API Number: 045-18150 Status: PR Insp. Status: PR				
<u>Producing Well</u>				
Comment:	Producing well			
Corrective Action:			Date:	
Facility ID: 413183 Type: WELL API Number: 045-18730 Status: PR Insp. Status: PR				
<u>Producing Well</u>				
Comment:	Producing well			
Corrective Action:			Date:	
Facility ID: 413184 Type: WELL API Number: 045-18733 Status: PR Insp. Status: PR				
<u>Producing Well</u>				
Comment:	Producing well			
Corrective Action:			Date:	
Facility ID: 413185 Type: WELL API Number: 045-18732 Status: PR Insp. Status: PR				
<u>Producing Well</u>				
Comment:	Producing well			
Corrective Action:			Date:	
Facility ID: 413186 Type: WELL API Number: 045-18731 Status: PR Insp. Status: PR				

<u>Producing Well</u>				
Comment:	Producing well			
Corrective Action:		Date:		
Facility ID: 419700	Type: WELL	API Number: 045-20011	Status: PR	Insp. Status: PR
<u>Producing Well</u>				
Comment:	Producing well			
Corrective Action:		Date:		
Facility ID: 419701	Type: WELL	API Number: 045-20012	Status: PR	Insp. Status: PR
<u>Producing Well</u>				
Comment:	Producing well			
Corrective Action:		Date:		
Facility ID: 419702	Type: WELL	API Number: 045-20013	Status: PR	Insp. Status: PR
<u>Producing Well</u>				
Comment:	Producing well			
Corrective Action:		Date:		
Facility ID: 419741	Type: WELL	API Number: 045-20017	Status: PR	Insp. Status: PR
<u>Producing Well</u>				
Comment:	Producing well			
Corrective Action:		Date:		
Facility ID: 419764	Type: WELL	API Number: 045-20020	Status: PR	Insp. Status: PR
<u>Producing Well</u>				
Comment:	Producing well			
Corrective Action:		Date:		
Facility ID: 419770	Type: WELL	API Number: 045-20023	Status: PR	Insp. Status: PR
<u>Producing Well</u>				
Comment:	Producing well			
Corrective Action:		Date:		
Facility ID: 419772	Type: WELL	API Number: 045-20024	Status: XX	Insp. Status: TA
<u>Idle Well</u>				
Purpose:	<input type="checkbox"/> Shut In <input checked="" type="checkbox"/> Temporarily Abandoned Reminder: _____			
Comment:	Well is shut in with a double stacked frac valves no cap on valve. Doc #400994003 MIT date 02-22-2016			
Corrective Action:		Date:		

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

Date Interim Reclamation Started: _____ Date Interim Reclamation Completed: _____

Land Use: RANGELAND

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 _____

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? Fail

Comment _____

Corrective Action _____

Date **10/31/2018**

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 Location is excessive sized. Interim reclamation has not been started.

Corrective Action Comply with the 1003 interim reclamation rules.

Date 10/31/2018

Overall Interim Reclamation Fail

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
		Culverts	Pass			
Compaction	Pass					
		Ditches	Fail			
Berms	Pass					
Gravel	Pass					
				Material Handling And Spill Prevention	Pass	
		Check Dams	Pass			

Comment: Ditch on access road at entrance is blocked with sediment and storm water washing around sediment into the road. Open berm with pit liner on location. No bmps off the edges of location found. Sediment and shale migrating down grade.

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

Date: 10/31/2018

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
401779233	INSPECTION SUBMITTED	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4593737
689701824	Inspection 689701823 photo log	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4593732