

**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 2A Doc Num: _____

Status Summary:

THIS IS A FOLLOW UP INSPECTION

FOLLOW UP INSPECTION REQUIRED

NO FOLLOW UP INSPECTION REQUIRED

Findings:

38 Number of Comments

10 Number of Corrective Actions

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

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](#)

Location			
Overall Good: <input type="checkbox"/>			
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.		Date:
Corrective Action:			

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:			
<input type="checkbox"/> 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:
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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	

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

Producing Well			
Comment:	Producing well		
Corrective Action:		Date:	

Facility ID: 419700 Type: WELL API Number: 045-20011 Status: PR Insp. Status: PR

Producing Well			
Comment:	Producing well		
Corrective Action:		Date:	

Facility ID: 419701 Type: WELL API Number: 045-20012 Status: PR Insp. Status: PR

Producing Well			
Comment:	Producing well		
Corrective Action:		Date:	

Facility ID: 419702 Type: WELL API Number: 045-20013 Status: PR Insp. Status: PR

Producing Well			
Comment:	Producing well		
Corrective Action:		Date:	

Facility ID: 419741 Type: WELL API Number: 045-20017 Status: PR Insp. Status: PR

Producing Well			
Comment:	Producing well		
Corrective Action:		Date:	

Facility ID: 419764 Type: WELL API Number: 045-20020 Status: PR Insp. Status: PR

Producing Well			
Comment:	Producing well		
Corrective Action:		Date:	

Facility ID: 419770 Type: WELL API Number: 045-20023 Status: PR Insp. Status: PR

Producing Well			
Comment:	Producing well		
Corrective Action:		Date:	

Facility ID: 419772 Type: WELL API Number: 045-20024 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 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 Cellar open to all wells with no cover or fencing. Livestock and wild life at risk.

Corrective Action Comply with the 1003.a. interim reclamation rules.

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

Corrective Action

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