

**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:

03/12/2018

Submitted Date:

03/15/2018

Document Number:

689701146**FIELD INSPECTION FORM**Loc ID 335851 Inspector Name: LONGWORTH, MIKE On-Site Inspection ☐ 2A Doc Num: _____**Operator Information:**OGCC Operator Number: 100185Name of Operator: ENCANA OIL & GAS (USA) INCAddress: 370 17TH ST STE 1700City: DENVER State: CO Zip: 80202-**Status Summary:**

- ☐ THIS IS A FOLLOW UP INSPECTION
- ☐ FOLLOW UP INSPECTION REQUIRED
- ☒ NO FOLLOW UP INSPECTION REQUIRED

Findings:8 Number of Comments6 Number of Corrective Actions☒ Corrective Action Response Requested**Contact Information:**

Contact Name	Phone	Email	Comment
Lujan, Carlos		carlos.lujan@state.co.us	
Longworth, Mike		mike.longworth@state.co.us	
		rhaddock@caerusoilandgas.com	
Kellerby, Shaun		shaun.kellerby@state.co.us	
Colby, Lou		lou.colby@state.co.us	
Arthur, Denise		denise.arthur@state.co.us	
Noto, John		john.noto@state.co.us	
, Caerus Piceance		COGCC.inspections@caerusoilandgas.com	Piceance inspections only

General Comment:

Inspection prompted by inspector observing use of location by drilling operations. Inspector informed drilling consultant Boyd Cottam of findings from this inspection before leaving the area. 3/13/2018 inspector called Caerus' Sr. Regulatory Analyst of corrective actions and corrective action due dates.

LocationOverall Good: ☐

Emergency Contact Number:

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

Type	UNUSED EQUIPMENT		
Comment:	Unneeded/unused equipment stored on location from drilling operations.		
Corrective Action:	Remove unused equipment from location. Comply with Rule 603.f .	Date:	03/15/2018
Type	DEBRIS		
Comment:	Broken pallet debris on location.		
Corrective Action:	Remove all trash and debris from location. Comply with Rule 603.f .	Date:	03/15/2018
Type	STORAGE OF SUPL		
Comment:	Drilling chemicals and supplies stored on location. NOV Wate 4.0, Soltex, Fiber Plug, NOV Det. 5 gallon containers		
Corrective Action:	Remove all chemicals, and supplies from location. Comply with Rule 603.f .	Date:	03/17/2018

Overall Good: ☐

Spills:				
Type	Area	Volume		
Other				
Comment:	Drilling dry materials have spilled onto location.			
Corrective Action:	Clean up spilled material and remediate.			Date: 03/14/2018

In Containment: No

Comment: ☐ Multiple Spills and Releases?**Venting:**

Yes/No			
Comment:			
Corrective Action:		Date:	

Flaring:

Type		
Comment:		
Corrective Action:		Date:

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

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

Land Use: _____

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? _____

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: _____

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: [Carry on from 01/14/2018 inspection #680102531](#)
APDs have not been drilled, No Wells were observed. Location was constructed and has been partially Reclaimed. Graveled Access Road & Turn-around area have Not been Reclaimed. Snow cover prevented detailed assessment of Vegetation.

Corrective Action:

Date **06/01/2018**

Perform Final Reclamation of Access Road & Turn around area per COGCC 1004 Rules;
Reclamation Activities to be complete by June 1, 2018

Overall Final Reclamation

Fail

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
				Material Handling And Spill Prevention	Fail	

Comment: No stormwater BMPs in place. West Fork Parachute Creek is located less than 250 feet down-gradient of the site.

Corrective Action: Immediately install adequate stormwater BMPs to protect West Fork Parachute Creek from erosion, sedimentation and site degradation.

Date: 03/14/2018

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
689701150	Inspection 689701146 photo log	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4404212