

**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:

05/01/2018

Submitted Date:

05/09/2018

Document Number:

680102942

**FIELD INSPECTION FORM**Loc ID 414880 Inspector Name: Colby, Lou On-Site Inspection ☐ 2A Doc Num: \_\_\_\_\_**Operator Information:**

OGCC Operator Number: 10456

Name of Operator: CAERUS PICEANCE LLC

Address: 1001 17TH STREET #1600

City: DENVER State: CO Zip: 80202

**Status Summary:**☐ THIS IS A FOLLOW UP INSPECTION☒ FOLLOW UP INSPECTION REQUIRED☐ NO FOLLOW UP INSPECTION REQUIRED**Findings:**

11 Number of Comments

9 Number of Corrective Actions

☒ Corrective Action Response Requested**Contact Information:**

Contact Name	Phone	Email	Comment
		cogcc.inspections@caerusoil ndgas.com	
		dnr_cogccenforcement@state .co.us	

**Inspected Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
414827	WELL	XX	10/22/2015	LO	045-18924	Long 12C-20	CI
414831	WELL	XX	12/11/2009	LO	045-18925	LONG 20-23C (20F)	CI
414832	WELL	XX	10/22/2015	LO	045-18926	Long 13D-20	CI
414857	WELL	XX	10/22/2015	LO	045-18931	Long 12B-20	CI
414869	WELL	XX	10/22/2015	LO	045-18935	Long 13B-20	CI
414876	WELL	XX	10/22/2015	LO	045-18936	Long 13C-20	CI
414888	WELL	XX	10/22/2015	LO	045-18938	Long 12A-20	CI
414893	WELL	XX	10/22/2015	LO	045-18939	Long 13A-20	CI
414905	WELL	XX	10/22/2015	LO	045-18942	Long 12D-20	CI

**General Comment:**

This is a Construction and Stormwater Inspection, prompted by Complaint, Form 18 Doc#200445816. This inspection is being entered for compliance notification and documentation purposes only. This inspection is not intended to provide the operator the opportunity to resolve the alleged violations; documented below, without the possible imposition of a penalty, pursuant to Rule 522.c.(1). Instead, Staff will be following up on this inspection by issuing a Notice of Alleged Violation, pursuant to Rule 522.d and referring the matter to COGCC enforcement.

**Location Construction**

Location ID: 414880 CDP: \_\_\_\_\_

Comment: Form 42 : Notice of Construction: was filed for this site, start Date 9/7/17. This construction is an Amendment / Expansion of an existing Location. The site is in a Sensitive Wildlife Habitat (Elk Production). Surface Owner communicated to COGCC that Operator has not been working on site since Fall of 2017. Pad itself is compacted & graveled, though all other aspects of work appear incomplete or absent. In 2A, estimated depth to ground water is 93 ft. It was noted by Inspector that water was, at surface, due to live spring which is also noted in Location plans & drawings.

Corrective Action: \_\_\_\_\_

Date: \_\_\_\_\_

**Form 2A COAs:**

**Comment:**

Corrective Action:

Date: \_\_\_\_\_

**Wildlife BMPs:****Comment:**

Wildlife BMPs have not been adhered to.

General Housekeeping: Debris & Equipment - Fencing has been torn down and left on ground, becoming debris, barbed wire has not been rolled up along base of fill slope having adverse impacts to workplace safety and wildlife entrapment.

Construction: Stock piles of topsoil were not evident. Pad perimeter is not bermed, BMPs have not been protected, inspected and repaired as necessary. Fill slopes are unstable. Complaint indicates that dust mitigation practices have not been utilized.

Stormwater/Erosion: Run-off, Perimeter Stormwater controls are insufficient and have been overwhelmed by sloughing of unstable fill slopes. Conditions along base of fill slope with slash, boulders, barbed wire & sloughing soil are not conducive to worker & wildlife safety, and site access.

Corrective Action:

Implement required Wildlife BMPs.

Operator is directed to perform corrective actions outlined on this inspection report immediately. Doing so may decrease the duration of the alleged violations and the penalties that may be assessed pursuant to Rule 523.

Date: \_\_\_\_\_

**Stormwater:**

Erosion BMPs	Present	Other BMPs	Present
WADDLES	Yes		

Comments: Erosion BMPs:

BMPs are non functional. BMPs are not installed in accordance with good engineering practices.

Other BMPs:

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

Date: \_\_\_\_\_

Operator is directed to perform corrective actions outlined on this inspection report immediately. Doing so may decrease the duration of the alleged violations and the penalties that may be assessed pursuant to Rule 523.

RETENTION PONDS

Yes

Comments: Erosion BMPs:

BMPs are non functional. BMPs are not installed in accordance with good engineering practices.

Other BMPs:

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

Date: \_\_\_\_\_

Operator is directed to perform corrective actions outlined on this inspection report immediately. Doing so may decrease the duration of the alleged violations and the penalties that may be assessed pursuant to Rule 523.

DITCHES

No

Comments: Erosion BMPs:

BMPs are non functional. Depression in soil is so inadequately constructed as to not function as a stormwater ditch.

Other BMPs:

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

Date: \_\_\_\_\_

Operator is directed to perform corrective actions outlined on this inspection report immediately. Doing so may decrease the duration of the alleged violations and the penalties that may be assessed pursuant to Rule 523.

BERMS	No	
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Comments: Erosion BMPs: **BMPs are non functional. BMPs are not installed in accordance with good engineering practices.**

Other BMPs:

Corrective Action: **Install or repair required BMPs per Rule 1002.f.  
Operator is directed to perform corrective actions outlined on this inspection report immediately. Doing so may decrease the duration of the alleged violations and the penalties that may be assessed pursuant to Rule 523.**

Date: \_\_\_\_\_

**Comment:** Location is not in Compliance with good stormwater engineering practices. Sufficient BMPs have not been installed; those in place are ineffective and have not been maintained or repaired in accordance with good engineering practices. Significant erosion & sediment migration is occurring. Perimeter depression & BMPs have been overwhelmed by sloughing soil & boulders from fill slopes. Spring on site has been channeled in french drain to unconsolidated perimeter ditch & immediately infiltrates into soil, potentially saturating soils, which could further destabilize fill slopes. Hydro mulch is beginning to fail in two areas applied. Access road BMPs also appear nonexistent or inadequate.

**Corrective Action:** **Install or repair required BMPs per Rule 1002.f.  
Operator is directed to perform corrective actions outlined on this inspection report immediately. Doing so may decrease the duration of the alleged violations and the penalties that may be assessed pursuant to Rule 523.**

**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: <u>414827</u>	Type: <u>WELL</u>	API Number: <u>045-18924</u>	Status: <u>XX</u>	Insp. Status: <u>CI</u>
Facility ID: <u>414831</u>	Type: <u>WELL</u>	API Number: <u>045-18925</u>	Status: <u>XX</u>	Insp. Status: <u>CI</u>
Facility ID: <u>414832</u>	Type: <u>WELL</u>	API Number: <u>045-18926</u>	Status: <u>XX</u>	Insp. Status: <u>CI</u>
Facility ID: <u>414857</u>	Type: <u>WELL</u>	API Number: <u>045-18931</u>	Status: <u>XX</u>	Insp. Status: <u>CI</u>
Facility ID: <u>414869</u>	Type: <u>WELL</u>	API Number: <u>045-18935</u>	Status: <u>XX</u>	Insp. Status: <u>CI</u>
Facility ID: <u>414876</u>	Type: <u>WELL</u>	API Number: <u>045-18936</u>	Status: <u>XX</u>	Insp. Status: <u>CI</u>
Facility ID: <u>414888</u>	Type: <u>WELL</u>	API Number: <u>045-18938</u>	Status: <u>XX</u>	Insp. Status: <u>CI</u>
Facility ID: <u>414893</u>	Type: <u>WELL</u>	API Number: <u>045-18939</u>	Status: <u>XX</u>	Insp. Status: <u>CI</u>
Facility ID: <u>414905</u>	Type: <u>WELL</u>	API Number: <u>045-18942</u>	Status: <u>XX</u>	Insp. Status: <u>CI</u>

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

Date Interim Reclamation Started: \_\_\_\_\_ Date Interim Reclamation Completed: \_\_\_\_\_

Land Use: OTHER, 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 **Fail** \_\_\_\_\_

Comment \_\_\_\_\_

Topsoil from new construction could not be identified. Two hydro-mulched areas were noted but did not match Operator BMP description of topsoil --- "areas of Stockpiles for topsoil and excess cut material will be located in work areas surrounded by a BMP." If topsoil has been salvaged, it appears to have been mixed.

Corrective Action \_\_\_\_\_

Salvage &amp; protect topsoil.

Date \_\_\_\_\_

1002E. SURFACE DISTURBANCE MINIMIZATION **Fail** \_\_\_\_\_

Comment \_\_\_\_\_

Disturbance area appears excessive (refer to 2017 aerial image attached). Efforts are not apparent to consolidate & mitigate trees & slash debris along fill slope base.

Corrective Action \_\_\_\_\_

Minimize areas of excessive disturbance.  
Operator is directed to perform corrective actions outlined on this inspection report immediately. Doing so may decrease the duration of the alleged violations and the penalties that may be assessed pursuant to Rule 523.

Date \_\_\_\_\_

1003a. Waste and Debris removed? **Fail** \_\_\_\_\_

Comment \_\_\_\_\_

Fencing has been torn down and left on ground, becoming debris. Slash & downed trees along base of fill slope perimeter are waste & debris. In conjunction with 1003 a, site must also be in Compliance with Rule 603 f.

Corrective Action \_\_\_\_\_

Remove all waste & debris including but not limited to Slash, down trees & down fencing that has become debris.  
Operator is directed to perform corrective actions outlined on this inspection report immediately. Doing so may decrease the duration of the alleged violations and the penalties that may be assessed pursuant to Rule 523.

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: OTHER, 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 \_\_\_\_\_

Inspector Name: Colby, Lou

Comment:			
Corrective Action:			Date
Overall Final Reclamation	Well Release on Active Location <input type="checkbox"/>	Multi-Well Location <input type="checkbox"/>	

**Attached Documents**

You can go to COGCC Images (<https://cogcc.state.co.us/weblink/>) and search by document number:

Document Num	Description	URL
680102959	Inspection Photos	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4457313">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4457313</a>