

**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:

08/22/2018

Submitted Date:

08/29/2018

Document Number:

692400057**FIELD INSPECTION FORM**

Loc ID 335699	Inspector Name: Colby, Lou	On-Site Inspection <input type="checkbox"/>	2A Doc Num: _____	<b>Status Summary:</b> <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
<b>Operator Information:</b> OGCC Operator Number: <u>10456</u> Name of Operator: <u>CAERUS PICEANCE LLC</u> Address: <u>1001 17TH STREET #1600</u> City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80202</u>				<b>Findings:</b> 13 Number of Comments 2 Number of Corrective Actions <input checked="" type="checkbox"/> Corrective Action Response Requested

**Contact Information:**

Contact Name	Phone	Email	Comment
		cogcc.inspections@caerusoila ndgas.com	

**Inspected Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
287610	WELL	PR	02/01/2018	GW	045-13007	N. PARACHUTE CP14A-09 G09 59	CI
287621	WELL	PR	05/01/2018	GW	045-13006	N. PARACHUTE CP07B-09 G09 59	CI
287624	WELL	PR	06/01/2017	GW	045-13004	N. PARACHUTE CP02D-09 G09 59	CI
291109	WELL	PR	06/20/2007	GW	045-14297	N.PARACHUTE CP11B-09 G09 596	CI
454313	WELL	XX	03/14/2018		045-23860	NPR 12C-9-596	CI
454314	WELL	XX	03/14/2018		045-23861	NPR 21B-9-596	CI
454315	WELL	XX	03/14/2018		045-23862	NPR 22B-9-596	CI
454316	WELL	XX	03/14/2018		045-23863	NPR 22D-9-596	CI
454317	WELL	XX	03/14/2018		045-23864	NPR 14B-9-596	CI
454318	WELL	XX	03/14/2018		045-23865	NPR 21C-9-596	CI
454319	WELL	XX	03/14/2018		045-23866	NPR 11B-9-596	CI
454320	WELL	XX	03/14/2018		045-23867	NPR 12D-9-596	CI
454321	WELL	XX	03/14/2018		045-23868	NPR 12B-9-596	CI
454322	WELL	XX	03/14/2018		045-23869	NPR 13D-9-596	CI
454323	WELL	XX	03/14/2018		045-23870	NPR 14C-9-596	CI
454324	WELL	XX	03/14/2018		045-23871	NPR 13A-9-596	CI
454325	WELL	XX	03/14/2018		045-23872	NPR 22A-9-596	CI
454326	WELL	XX	03/14/2018		045-23873	NPR 11C-9-596	CI
454327	WELL	XX	03/14/2018		045-23874	NPR 11D-9-596	CI
454328	WELL	XX	03/14/2018		045-23875	NPR 13B-9-596	CI
454329	WELL	XX	03/14/2018		045-23876	NPR 11A-9-596	CI
454330	WELL	XX	03/14/2018		045-23877	NPR 21A-9-596	CI

454331	WELL	XX	03/14/2018		045-23878	NPR 12A-9-596	CI
454332	WELL	XX	03/14/2018		045-23879	NPR 24A-9-596	CI
454333	WELL	XX	03/14/2018		045-23880	NPR 23B-9-596	CI
454334	WELL	XX	03/14/2018		045-23881	NPR 25D-4-596	CI
454335	WELL	XX	03/14/2018		045-23882	NPR 23D-9-596	CI
454336	WELL	XX	03/14/2018		045-23883	NPR 23C-9-596	CI
454337	WELL	XX	03/14/2018		045-23884	NPR 23A-9-596	CI
454338	WELL	XX	03/14/2018		045-23885	NPR 24B-9-596	CI
454339	WELL	XX	03/14/2018		045-23886	NPR 25C-4-596	CI
454353	WELL	XX	03/15/2018		045-23887	NPR 14A-9-596	CI

**General Comment:**

This is a Construction and Stormwater Inspection. Form 42 : NOTICE OF CONSTRUCTION: was Filed for this Site, Start Date 8/11/2018. Conditions at time of Inspection were Clear Sunny Skies, at 75 degrees F. Elevation at Site is 7,650 ft.

**Location**Overall Good: ☐

Emergency Contact Number:

Comment: Corrective Action: Date: Overall Good: ☐**Spills:**

Type	Area	Volume		
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In Containment: No

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

corrective date

Type: Other

#

Comment: Well Cellars do not have covers installed. Open uncovered Cellars present a Workplace Safety and Wildlife (Protection) Hazard. There are no measures implemented to prevent wildlife ingress or provide an effective means for egress. Refer to photos attached.

Corrective Action: **Install cellar covers to maximize safety and wildlife welfare.**Date: 09/12/2018**Venting:**

Yes/No

Comment: Corrective Action: Date: **Flaring:**

Type	<input type="text"/>	<input type="text"/>
Comment:	<input type="text"/>	<input type="text"/>
Corrective Action:	<input type="text"/>	Date: <input type="text"/>

**Location Construction**Location ID: 335699CDP: 

Comment: This Construction is to Amend an Existing Location. Topsoil has been salvaged, windrowed / bermed along site perimeter.; Perimeter BMPs have been installed.

Corrective Action: Date: **Form 2A COAs:**Comment: Corrective Action: Date: **Wildlife BMPs:**

Comment: Site is within a Sensitive Wildlife Habitat Area; Greater Sage Grouse & CPW Black Bear Area.

Corrective Action: Date: **Stormwater:**

Erosion BMPs	Present	Other BMPs	Present
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WADDLES	Yes		
Comments: Erosion BMPs: <span style="color: blue;">Wattles installed on site perimeter, have been disturbed &amp; damaged by Cattle &amp; do not appear to have been well entrenched / seated in. Crew was in process of repairing these BMPs.</span>			
Other BMPs: <div style="border: 1px solid black; height: 20px;"></div>			
Corrective Action: _____			Date: _____
RETENTION PONDS	Yes		
Comments: Erosion BMPs: <span style="color: blue;">Ponds for existing Location and road are in place; ponds for new construction are not yet in place.</span>			
Other BMPs: <div style="border: 1px solid black; height: 20px;"></div>			
Corrective Action: _____			Date: _____
SLOPE ROUGHENING	Yes		
Comments: Erosion BMPs: <div style="border: 1px solid black; height: 20px;"></div>			
Other BMPs: <div style="border: 1px solid black; height: 20px;"></div>			
Corrective Action: _____			Date: _____
WADDLES	No		
Comments: Erosion BMPs: <span style="color: blue;">BMPs (not necessarily wattles) need to be installed as checks on steep areas of Diversion ditch at top of Cut slope. Operator indicated this was scheduled.</span>			
Other BMPs: <div style="border: 1px solid black; height: 20px;"></div>			
Corrective Action: _____			Date: _____
DITCHES	Yes		
Comments: Erosion BMPs: <span style="color: blue;">Diversion ditch is installed on top of Cut Slope</span>			
Other BMPs: <div style="border: 1px solid black; height: 20px;"></div>			
Corrective Action: _____			Date: _____

**Comment:** Distance to Nearest down gradient surface water feature, West fork Parachute Creek, is 365 feet.

**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: 287610	Type: WELL	API Number: 045-13007	Status: PR	Insp. Status: CI
Producing Well				
Comment:	Bubbling was seen in fluid in Cellar that appears to be coming from submerged Well head (Casing/ Piping?).			
Corrective Action:	Securely fasten all valves, pipes, and fittings to ensure good mechanical condition, inspect at regular intervals and maintain in good mechanical condition per Rule 605.d.			Date: 08/31/2018
Facility ID: 287621	Type: WELL	API Number: 045-13006	Status: PR	Insp. Status: CI
Facility ID: 287624	Type: WELL	API Number: 045-13004	Status: PR	Insp. Status: CI
Facility ID: 291109	Type: WELL	API Number: 045-14297	Status: PR	Insp. Status: CI
Facility ID: 454313	Type: WELL	API Number: 045-23860	Status: XX	Insp. Status: CI
Facility ID: 454314	Type: WELL	API Number: 045-23861	Status: XX	Insp. Status: CI
Facility ID: 454315	Type: WELL	API Number: 045-23862	Status: XX	Insp. Status: CI
Facility ID: 454316	Type: WELL	API Number: 045-23863	Status: XX	Insp. Status: CI
Facility ID: 454317	Type: WELL	API Number: 045-23864	Status: XX	Insp. Status: CI
Facility ID: 454318	Type: WELL	API Number: 045-23865	Status: XX	Insp. Status: CI
Facility ID: 454319	Type: WELL	API Number: 045-23866	Status: XX	Insp. Status: CI
Facility ID: 454320	Type: WELL	API Number: 045-23867	Status: XX	Insp. Status: CI
Facility ID: 454321	Type: WELL	API Number: 045-23868	Status: XX	Insp. Status: CI
Facility ID: 454322	Type: WELL	API Number: 045-23869	Status: XX	Insp. Status: CI
Facility ID: 454323	Type: WELL	API Number: 045-23870	Status: XX	Insp. Status: CI
Facility ID: 454324	Type: WELL	API Number: 045-23871	Status: XX	Insp. Status: CI
Facility ID: 454325	Type: WELL	API Number: 045-23872	Status: XX	Insp. Status: CI
Facility ID: 454326	Type: WELL	API Number: 045-23873	Status: XX	Insp. Status: CI

Facility ID:	<u>454327</u>	Type:	<u>WELL</u>	API Number:	<u>045-23874</u>	Status:	<u>XX</u>	Insp. Status:	<u>CI</u>
Facility ID:	<u>454328</u>	Type:	<u>WELL</u>	API Number:	<u>045-23875</u>	Status:	<u>XX</u>	Insp. Status:	<u>CI</u>
Facility ID:	<u>454329</u>	Type:	<u>WELL</u>	API Number:	<u>045-23876</u>	Status:	<u>XX</u>	Insp. Status:	<u>CI</u>
Facility ID:	<u>454330</u>	Type:	<u>WELL</u>	API Number:	<u>045-23877</u>	Status:	<u>XX</u>	Insp. Status:	<u>CI</u>
Facility ID:	<u>454331</u>	Type:	<u>WELL</u>	API Number:	<u>045-23878</u>	Status:	<u>XX</u>	Insp. Status:	<u>CI</u>
Facility ID:	<u>454332</u>	Type:	<u>WELL</u>	API Number:	<u>045-23879</u>	Status:	<u>XX</u>	Insp. Status:	<u>CI</u>
Facility ID:	<u>454333</u>	Type:	<u>WELL</u>	API Number:	<u>045-23880</u>	Status:	<u>XX</u>	Insp. Status:	<u>CI</u>
Facility ID:	<u>454334</u>	Type:	<u>WELL</u>	API Number:	<u>045-23881</u>	Status:	<u>XX</u>	Insp. Status:	<u>CI</u>
Facility ID:	<u>454335</u>	Type:	<u>WELL</u>	API Number:	<u>045-23882</u>	Status:	<u>XX</u>	Insp. Status:	<u>CI</u>
Facility ID:	<u>454336</u>	Type:	<u>WELL</u>	API Number:	<u>045-23883</u>	Status:	<u>XX</u>	Insp. Status:	<u>CI</u>
Facility ID:	<u>454337</u>	Type:	<u>WELL</u>	API Number:	<u>045-23884</u>	Status:	<u>XX</u>	Insp. Status:	<u>CI</u>
Facility ID:	<u>454338</u>	Type:	<u>WELL</u>	API Number:	<u>045-23885</u>	Status:	<u>XX</u>	Insp. Status:	<u>CI</u>
Facility ID:	<u>454339</u>	Type:	<u>WELL</u>	API Number:	<u>045-23886</u>	Status:	<u>XX</u>	Insp. Status:	<u>CI</u>
Facility ID:	<u>454353</u>	Type:	<u>WELL</u>	API Number:	<u>045-23887</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 \_\_\_\_\_ In \_\_\_\_\_

Comment Topsoil windrowed along toe of Fill slope is not being protected / segregated as required by the reclamation rules; there is potential for degradation due to mixing with subsoil and wind/water erosion. Discussion was had with Operator, Reclamation Supervisor & Inspector about the need for additional protections & of possible remedies & resolutions to this issue. This section will be put "In Process" until Follow Up Inspection is conducted.

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

Date \_\_\_\_\_

1002c. PROTECTION OF SOILS \_\_\_\_\_ In Process \_\_\_\_\_

Comment Topsoil windrowed along toe of Fill slope is not being protected / segregated as required by the reclamation rules; there is potential for degradation due to mixing with subsoil and wind/water erosion. Discussion was had with Operator, Reclamation Supervisor & Inspector about the need for additional protections & possible remedies & resolutions to this issue. This section will be put "In Process" until Follow Up Inspection is conducted.

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: 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 \_\_\_\_\_

Comment: \_\_\_\_\_

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

Overall Final Reclamation \_\_\_\_\_ Well Release on Active Location ☐ Multi-Well Location ☐

**COGCC Comments**

Comment	User	Date
Follow up inspection(s) will proceed while construction of location is IN-PROCESS. Refer to Photos attached for more detail.	colbyl	08/29/2018

**Attached Documents**

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

Document Num	Description	URL
401748772	INSPECTION SUBMITTED	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4565799">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4565799</a>
692400061	Inspection photos	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4565798">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4565798</a>