

**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 2A Doc Num: _____

Status Summary:

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

Operator Information:

OGCC Operator Number: 10456
Name of Operator: CAERUS PICEANCE LLC
Address: 1001 17TH STREET #1600
City: DENVER State: CO Zip: 80202

Findings:

- 13 Number of Comments
- 2 Number of Corrective Actions
- Corrective Action Response Requested

Contact Information:

Contact Name	Phone	Email	Comment
		cogcc.inspections@caerusoil 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			

In Containment: No

Comment:

Multiple Spills and Releases?

Equipment:

Type: Other

#

corrective date

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

Comment:

Corrective Action:

Date:

Location Construction

Location ID: 335699

CDP: _____

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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RETENTION PONDS	Yes				
Comments: Erosion BMPs: Ponds for existing Location and road are in place; ponds for new construction are not yet in place.					
Other BMPs: 					
Corrective Action: _____					Date: _____
SLOPE ROUGHENING	Yes				
Comments: Erosion BMPs: 					
Other BMPs: 					
Corrective Action: _____					Date: _____
WADDLES	No				
Comments: Erosion BMPs: 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.					
Other BMPs: 					
Corrective Action: _____					Date: _____
WADDLES	Yes				
Comments: Erosion BMPs: Wattles installed on site perimeter, have been disturbed & damaged by Cattle & do not appear to have been well entrenched / seated in. Crew was in process of repairing these BMPs.					
Other BMPs: 					
Corrective Action: _____					Date: _____
DITCHES	Yes				
Comments: Erosion BMPs: Diversion ditch is installed on top of Cut Slope					
Other BMPs: 					
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:	<u>287610</u>	Type:	<u>WELL</u>	API Number:	<u>045-13007</u>	Status:	<u>PR</u>	Insp. Status:	<u>CI</u>
Producing Well									
Comment:	<u>Bubbling was seen in fluid in Cellar that appears to be coming from submerged Well head (Casing/ Piping?).</u>				Date:	<u>08/31/2018</u>			
Corrective Action:	<u>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.</u>								
Facility ID:	<u>287621</u>	Type:	<u>WELL</u>	API Number:	<u>045-13006</u>	Status:	<u>PR</u>	Insp. Status:	<u>CI</u>
Facility ID:	<u>287624</u>	Type:	<u>WELL</u>	API Number:	<u>045-13004</u>	Status:	<u>PR</u>	Insp. Status:	<u>CI</u>
Facility ID:	<u>291109</u>	Type:	<u>WELL</u>	API Number:	<u>045-14297</u>	Status:	<u>PR</u>	Insp. Status:	<u>CI</u>
Facility ID:	<u>454313</u>	Type:	<u>WELL</u>	API Number:	<u>045-23860</u>	Status:	<u>XX</u>	Insp. Status:	<u>CI</u>
Facility ID:	<u>454314</u>	Type:	<u>WELL</u>	API Number:	<u>045-23861</u>	Status:	<u>XX</u>	Insp. Status:	<u>CI</u>
Facility ID:	<u>454315</u>	Type:	<u>WELL</u>	API Number:	<u>045-23862</u>	Status:	<u>XX</u>	Insp. Status:	<u>CI</u>
Facility ID:	<u>454316</u>	Type:	<u>WELL</u>	API Number:	<u>045-23863</u>	Status:	<u>XX</u>	Insp. Status:	<u>CI</u>
Facility ID:	<u>454317</u>	Type:	<u>WELL</u>	API Number:	<u>045-23864</u>	Status:	<u>XX</u>	Insp. Status:	<u>CI</u>
Facility ID:	<u>454318</u>	Type:	<u>WELL</u>	API Number:	<u>045-23865</u>	Status:	<u>XX</u>	Insp. Status:	<u>CI</u>
Facility ID:	<u>454319</u>	Type:	<u>WELL</u>	API Number:	<u>045-23866</u>	Status:	<u>XX</u>	Insp. Status:	<u>CI</u>
Facility ID:	<u>454320</u>	Type:	<u>WELL</u>	API Number:	<u>045-23867</u>	Status:	<u>XX</u>	Insp. Status:	<u>CI</u>
Facility ID:	<u>454321</u>	Type:	<u>WELL</u>	API Number:	<u>045-23868</u>	Status:	<u>XX</u>	Insp. Status:	<u>CI</u>
Facility ID:	<u>454322</u>	Type:	<u>WELL</u>	API Number:	<u>045-23869</u>	Status:	<u>XX</u>	Insp. Status:	<u>CI</u>
Facility ID:	<u>454323</u>	Type:	<u>WELL</u>	API Number:	<u>045-23870</u>	Status:	<u>XX</u>	Insp. Status:	<u>CI</u>
Facility ID:	<u>454324</u>	Type:	<u>WELL</u>	API Number:	<u>045-23871</u>	Status:	<u>XX</u>	Insp. Status:	<u>CI</u>
Facility ID:	<u>454325</u>	Type:	<u>WELL</u>	API Number:	<u>045-23872</u>	Status:	<u>XX</u>	Insp. Status:	<u>CI</u>
Facility ID:	<u>454326</u>	Type:	<u>WELL</u>	API Number:	<u>045-23873</u>	Status:	<u>XX</u>	Insp. Status:	<u>CI</u>

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
692400061	Inspection photos	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4565798