

FORM
INSPRev
X/15State of Colorado
Oil and Gas Conservation Commission1120 Lincoln Street, Suite 801, Denver, Colorado 80203
Phone: (303) 894-2100 Fax: (303) 894-2109

Inspection Date:

06/30/2020

Submitted Date:

07/06/2020

Document Number:

692402350

FIELD INSPECTION FORM

 Loc ID 413476 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:

- 4 Number of Comments
 1 Number of Corrective Actions
 Corrective Action Response Requested

**ANY CORRECTIVE ACTION(S) FROM
 PREVIOUS INSPECTIONS THAT HAVE NOT
 BEEN ADDRESSED ARE STILL APPLICABLE**
Contact Information:

Contact Name	Phone	Email	Comment
Arauzo, Steven		steven.arauza@state.co.us	
		cogcc.inspections@caerusoilandgas.com	

Inspected Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
412724	WELL	PR	12/01/2016	OW	045-18563	Savage 41D-8	RI
412725	WELL	PR	12/01/2016	OW	045-18562	Savage 41C-8	RI
412726	WELL	PR	12/01/2016	OW	045-18561	Savage 41B-8	RI
412727	WELL	PR	09/01/2016	OW	045-18560	Savage 41A-8	RI
412728	WELL	PR	12/01/2016	OW	045-18559	Savage 31D-8	RI
412729	WELL	PR	12/01/2016	OW	045-18558	Savage 31C-8	RI
412730	WELL	PR	11/01/2018	OW	045-18557	Savage 31B-8	RI
412731	WELL	PR	09/01/2016	OW	045-18556	Savage 31A-8	RI
412732	WELL	PR	09/01/2016	OW	045-18555	Savage 44D-5	RI
412733	WELL	PR	09/01/2016	OW	045-18554	Savage 44C-5	RI
412734	WELL	PR	09/01/2016	OW	045-18553	Savage 44B-5	RI
412736	WELL	PR	09/01/2016	OW	045-18552	Savage 44A-5	RI
412738	WELL	PR	09/01/2016	OW	045-18551	Savage 34D-5	RI
412740	WELL	PR	09/01/2016	OW	045-18550	Savage 34C-5	RI
412741	WELL	PR	09/01/2016	OW	045-18549	Savage 34B-5	RI
412742	WELL	PR	09/01/2016	OW	045-18548	Savage 34A-5	RI
445181	WELL	IJ	12/01/2019	DSPW	045-23079	Savage 8A-794-SWD	RI
456039	SPILL OR RELEASE	CL	09/11/2018		-	SPILL/RELEASE POINT	RI
457002	SPILL OR RELEASE	CL	10/04/2018		-	SPILL/RELEASE POINT	RI

General Comment:

This is a Reclamation Inspection conducted along with COGCC Environmental Inspector S. Arauza. Any Corrective Actions from previous Inspections that have not been addressed are still applicable.

Inspection was prompted by referral Re: Remediation Projects #11661 & #11786 Reclamation Plans. Please refer to Environmental Section.

Inspected Facilities				
Facility ID: <u>412724</u>	Type: <u>WELL</u>	API Number: <u>045-18563</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>412725</u>	Type: <u>WELL</u>	API Number: <u>045-18562</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>412726</u>	Type: <u>WELL</u>	API Number: <u>045-18561</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>412727</u>	Type: <u>WELL</u>	API Number: <u>045-18560</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>412728</u>	Type: <u>WELL</u>	API Number: <u>045-18559</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>412729</u>	Type: <u>WELL</u>	API Number: <u>045-18558</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>412730</u>	Type: <u>WELL</u>	API Number: <u>045-18557</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>412731</u>	Type: <u>WELL</u>	API Number: <u>045-18556</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>412732</u>	Type: <u>WELL</u>	API Number: <u>045-18555</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>412733</u>	Type: <u>WELL</u>	API Number: <u>045-18554</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>412734</u>	Type: <u>WELL</u>	API Number: <u>045-18553</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>412736</u>	Type: <u>WELL</u>	API Number: <u>045-18552</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>412738</u>	Type: <u>WELL</u>	API Number: <u>045-18551</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>412740</u>	Type: <u>WELL</u>	API Number: <u>045-18550</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>412741</u>	Type: <u>WELL</u>	API Number: <u>045-18549</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>412742</u>	Type: <u>WELL</u>	API Number: <u>045-18548</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>445181</u>	Type: <u>WELL</u>	API Number: <u>045-23079</u>	Status: <u>IJ</u>	Insp. Status: <u>RI</u>
Facility ID: <u>456039</u>	Type: <u>SPILL OR</u>	API Number: <u>-</u>	Status: <u>CL</u>	Insp. Status: <u>RI</u>
Facility ID: <u>457002</u>	Type: <u>SPILL OR</u>	API Number: <u>-</u>	Status: <u>CL</u>	Insp. Status: <u>RI</u>

Environmental

Spill/Remediation:

Comment: RE: Remediation Projects #11661 & #11786. Operator is requesting relief from Table 910-1 for documented exceedances of EC (6.91-14.1 mmhos/cm) that were in soils that had been excavated from the releases but were used to backfill the excavated areas. Basis of request, is that exceedances will be buried under 3' of clean material upon reclamation of the pad. Though an Interim reclamation plan has been submitted, a Final Reclamation plan is required before Projects can be closed.

Corrective Action: Submit Final Reclamation plan: detailing final grading, contouring of Location, composition and source of the minimum 3 Ft of material to bury the exceedance areas.

Date: 07/27/2020

Emission Control Burner (ECB): _____

Comment: _____

Pilot: _____ Wildlife Protection Devices (fired vessels): _____

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? Pass

Comment _____

Corrective Action _____

Date _____

Unused or unneeded equipment onsite? Pass

Comment _____

Corrective Action _____

Date _____

Pit, cellars, rat holes and other bores closed? Pass

Comment _____

Corrective Action _____

Date _____

Guy line anchors marked? _____

Comment _____

Corrective Action _____

Date _____

1003b. Area no longer in use? Pass Production areas stabilized ? Pass

1003c. Compacted areas have been cross ripped? _____

1003d. Drilling pit closed? Pass Subsidence over on drill pit? Pass

Cuttings management: _____

1003e. Areas no longer needed for drilling or subsequent operations for have been re-vegetated to 80% of pre-existing? In

Production areas have been stabilized? Pass Segregated soils have been replaced? _____

RESTORATION AND REVEGETATION

Cropland

Top soil replaced _____ Recontoured _____ Perennial forage re-established _____

Non-Cropland

Top soil replaced _____ Recontoured Pass 80% Revegetation In

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? I

Comment Fill slope vegetation is well established and robust. Cut slope has areas of C list Cheat grass establishment and ruderal debris weeds, Yellow sweetclover and Mustard. It appears that lower Cut area may have been disturbed during remediation activities.

Corrective Action _____

Date _____

Overall Interim Reclamation In Process

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 <input type="checkbox"/>	Multi-Well Location <input type="checkbox"/>
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Storm Water:

Loc Erosion BMPs	BMP Maintenance	Lease Road Erosion BMPs	Lease BMP Maintenance	Chemical BMPs	Chemical BMP Maintenance	Comment

Comment: Location was stable and had no sediment migration or erosion concerns at time of inspection.

Corrective Action: Date: _____

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
402437920	INSPECTION SUBMITTED	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5190696
692402356	Inspection Photos RI	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5190693