

**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:

06/19/2018

Submitted Date:

06/20/2018

Document Number:

682503516**FIELD INSPECTION FORM**
 Loc ID 436744 Inspector Name: Trujillo, Aaron On-Site Inspection ☐ 2A Doc Num:
Operator Information:OGCC Operator Number: 10414Name of Operator: CASCADE PETROLEUM LLCAddress: P O BOX 3316City: DENVER State: CO Zip: 80155**Status Summary:**

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

Findings:6 Number of Comments1 Number of Corrective Actions☒ Corrective Action Response Requested**Contact Information:**

Contact Name	Phone	Email	Comment
Boone, Linda		LDBoonePar@aol.com	all inspections
,		dnr_cogccenforcement@state.co.us	
Halde, Kerry	(719) 340-0329	haldeoil@hotmail.com	All Inspections
Herian, Tim	(316) 655-9200	therian1@cox.net	All Inspections

Inspected Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
436745	WELL	PA	11/05/2014	DA	073-06594	CRAIG 9S-55W-19-41	RI

General Comment:

[This is a follow-up final reclamation and stormwater inspection. Any corrective action\(s\) from previous inspections that have not been addressed are still applicable.](#)

Inspected Facilities									
Facility ID:	436745	Type:	WELL	API Number:	073-06594	Status:	PA	Insp. Status:	RI

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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? _____

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 REVEGETATIONCropland

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: RANGELAND

Reminder: _____

Comment: _____

Well plugged _____ Pit mouse/rat holes, cellars backfilled _____

Debris removed _____ No disturbance /Location never built _____

Access Roads _____ Regraded **Fail** Contoured **Fail** Culverts removed _____

Gravel removed _____

Location and associated production facilities reclaimed **Fail** Locations, facilities, roads, recontoured _____

Compaction alleviation **Fail** 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: [SEE "COGCC COMMENTS" FOR COMMENTS REGARDING FINAL RECLAMATION.](#)

Corrective Action: _____ Date **03/31/2018**

Perform reclamation in accordance to COGCC 1000 series rules on the access road, including by not limited to, removing gravel, compaction alleviation, regrading/recontouring and establish vegetation with total perennial, non-invasive uniform plant cover of at least eighty (80) percent of pre-disturbance or reference area levels. Use a seed mixture requested by the surface owner, or a mixture prescribed by the local county NRCS. Ensure erosion controls are implemented to stabilize the seeded soil, and continue to monitor and manage this site until Final Reclamation has passed. Revegetation activities shall be complete no later than 3/31/2018.

Overall Final Reclamation

Fail

Well Release on Active Location ☐Multi-Well Location ☐**COGCC Comments**

Comment

User

Date

COMMENT

trujilloam

06/20/2018

Inspection #682502822 dated 11/15/2017 required operator to perform additional reclamation activities on the location, and to perform reclamation on the access road. Operator submitted FIRR #401613226 on 4/18/2018 stating "Corrective Action Complete". Resolution was "Not Approved" as it was determined that operator had not performed reclamation on the entire access road. On 4/30/2018 a follow-up inspection was conducted (Doc. #682503289) and documented that operator appears to have conducted work on part of the access road, however, it does not appear as though compaction alleviation was conducted in accordance to 1004.a; the access road appears to have only been ripped once (rather than a cross-ripping) in the ruts of the access road, with one pass-through, and that compaction concerns remain. In addition it was also documented that operator failed to perform reclamation on ~1200 feet of access road to the north. Operator submitted FIRR #401631283 on 5/7/2018 requesting a factual review regarding the reclamation of the access road. This resolution was "Not Approved" stating that the corrective actions and corrective action dates remain applicable.

This location does not meet reclamation requirements; no additional reclamation activities appear to have conducted since inspection #682503289. Operator appears to have conducted work on only a portion of the access road; ~1200 feet of access road to the north has not removed gravel, recontoured/reggraded, compaction alleviation or reclamation.

Sufficient compaction alleviation does not appear to have been conducted in accordance to 1004.a; the access road appears to have only been ripped once (rather than a cross-ripping) in the ruts of the access road, with one pass-through. Compaction concerns remain evident on these access road.

This is being referred for enforcement

Attached Documents

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

Document Num	Description	URL
682503517	Inspection Photos	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4500601