

**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:

01/30/2018

Submitted Date:

01/31/2018

Document Number:

682403241**FIELD INSPECTION FORM**Loc ID 439027 Inspector Name: Binschus, Chris On-Site Inspection ☐ 2A Doc Num: _____**Operator Information:**OGCC Operator Number: 10459Name of Operator: EXTRACTION OIL & GAS INCAddress: 370 17TH STREET SUITE 5300City: DENVER State: CO Zip: 80202**Status Summary:**☐ THIS IS A FOLLOW UP INSPECTION☒ FOLLOW UP INSPECTION REQUIRED☐ NO FOLLOW UP INSPECTION REQUIRED**Findings:**6 Number of Comments2 Number of Corrective Actions☒ Corrective Action Response Requested**Contact Information:**

Contact Name	Phone	Email	Comment
Ford, Blake		bford@extractionog.com	
,		COGCCInspections@extractionog.com	All inspections

Inspected Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
439012	WELL	PR	08/01/2015	OW	123-40256	Thornton 11	RI
439013	WELL	PR	09/08/2015	OW	123-40257	Thornton 3	RI
439021	WELL	PR	08/28/2015	OW	123-40264	Thornton 12	RI
439026	WELL	PR	08/28/2015	OW	123-40269	Thornton 6	RI
439029	WELL	PR	09/03/2015	OW	123-40271	Thornton 9	RI
439030	WELL	PR	07/01/2017	LO	123-40272	Thornton 1	RI

General Comment:

This is an Interim Reclamation and Stormwater Inspection. Any corrective actions from previous inspections that have not been addressed are still applicable.

Inspected Facilities

Facility ID: <u>439012</u>	Type: <u>WELL</u>	API Number: <u>123-40256</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>439013</u>	Type: <u>WELL</u>	API Number: <u>123-40257</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>439021</u>	Type: <u>WELL</u>	API Number: <u>123-40264</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>439026</u>	Type: <u>WELL</u>	API Number: <u>123-40269</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>439029</u>	Type: <u>WELL</u>	API Number: <u>123-40271</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>439030</u>	Type: <u>WELL</u>	API Number: <u>123-40272</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>

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

Date Interim Reclamation Started: _____ Date Interim Reclamation Completed: _____

Land Use: IMPROVED PASTURE

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? Fail 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? Fail
- Production areas have been stabilized? _____ Segregated soils have been replaced? _____

RESTORATION AND REVEGETATIONCropland

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

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? F

Comment

Appears the western, southern and eastern interim reclamation areas have been redone by the evidence of a seedbed prep; however, this has not been seeded or stabilized- see Stormwater section for more details. The northern interim area used for the Modular Large Volume Tank storage area does not appear to meet Rule 1003 standards, as much of the vegetation is dominated by weedy, annual vegetation (Kochia and Russian thistle). Reference area vegetation mainly consists of Sand dropseed (*Sporobolus cryptandrus*) and Blue grama (*Bouteloua gracilis*). Refer to the attached inspection photos for more detail.

Corrective Action

Perform reclamation in accordance to Rule 1003. Establish vegetation with total perennial, non-invasive uniform plant cover of at least eighty (80) percent of reference area levels. Use a seed mixture with species consistent with the adjacent plant community or a seed mixture requested by the surface owner. Ensure erosion controls are implemented to stabilize the seeded soil, and continue to monitor and manage this site until the location meets Rule 1003 standards. Interim reclamation activities shall be complete no later than April 30, 2018.

Date 04/30/2018Overall Interim Reclamation Fail**Final Reclamation/ Abandoned Location:**

Date Final Reclamation Started: _____ Date Final Reclamation Completed: _____

Final Land Use: IMPROVED PASTURE

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 ☐**Storm Water:**

Loc Erosion BMPs	BMP Maintenance	Lease Road Erosion BMPs	Lease BMP Maintenance	Chemical BMPs	Chemical BMP Maintenance	Comment
Slope Roughening	Fail					Not properly installed-see Photo 5

Comment: A temporary BMP (surface roughening) has been implemented throughout the western, southern and eastern interim areas, and should be used in conjunction with other stormwater BMPs. However, there were no other observed stormwater BMPs and it has not been properly installed along a portion of the eastern interim area. These interim areas are susceptible to erosion and site degradation because it has not been properly stabilized. There is no down gradient stormwater BMP to prevent and control stormwater runoff in a manner that minimizes transport of sediment offsite. Surface water (canal) is less than 25' from the disturbance area.

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

Date: 02/28/2018

Pits: ☐ NO SURFACE INDICATION OF PIT**COGCC Comments**

Comment	User	Date
It should be noted that stormwater management rules cannot be waived.	binschusc	01/31/2018

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

Document Num	Description	URL
401531251	INSPECTION SUBMITTED	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4365621
682403242	Inspection Photos	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4365620