

**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:

02/22/2017

Submitted Date:

02/23/2017

Document Number:

682401816**FIELD INSPECTION FORM**

Loc ID 439079	Inspector Name: Binschus, Chris	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>Findings:</b> 9 Number of Comments 2 Number of Corrective Actions <input checked="" type="checkbox"/> Corrective Action Response Requested
<b>Operator Information:</b> OGCC Operator Number: <u>10459</u> Name of Operator: <u>EXTRACTION OIL &amp; GAS LLC</u> Address: <u>370 17TH STREET SUITE 5300</u> City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80202</u>				

**Contact Information:**

Contact Name	Phone	Email	Comment
Ford, Blake		bford@extractionog.com	
,		COGCCInspections@extractionog.com	<a href="#">All inspections</a>

**Inspected Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
439069	WELL	XX	09/13/2016	LO	123-40293	Kennedy 11	CI
439070	WELL	XX	09/13/2016	LO	123-40294	Kennedy 3	CI
439071	WELL	XX	09/13/2016	LO	123-40295	Kennedy 8	CI
439072	WELL	XX	09/13/2016	LO	123-40296	Kennedy 10	CI
439073	WELL	XX	09/13/2016	LO	123-40297	Kennedy 17	CI
439074	WELL	XX	09/13/2016	LO	123-40298	Kennedy 9	CI
439075	WELL	XX	09/13/2016	LO	123-40299	Kennedy 5	CI
439076	WELL	XX	09/13/2016	LO	123-40300	Kennedy 14	CI
439077	WELL	XX	09/13/2016	LO	123-40301	Kennedy 7	CI
439078	WELL	XX	09/13/2016	LO	123-40302	Kennedy 12	CI
439080	WELL	XX	09/13/2016	LO	123-40303	Kennedy 6	CI
439081	WELL	XX	09/13/2016	LO	123-40304	Kennedy 4	CI
439082	WELL	XX	09/13/2016	LO	123-40305	Kennedy 16	CI
439083	WELL	XX	09/13/2016	LO	123-40306	Kennedy 13	CI
439084	WELL	XX	09/13/2016	LO	123-40307	Kennedy 2	CI
439085	WELL	XX	09/13/2016	LO	123-40308	Kennedy 1	CI
439086	WELL	XX	09/13/2016	LO	123-40309	Kennedy 15	CI

**General Comment:**

This is a construction and stormwater inspection in response to Form 42- Notice of construction- Document 401196319. This is a shorter corrective action because the current stormwater BMP along the southwestern portion of the location is not properly functioning and not properly installed. The BMP does not appear to provide control for potential pollutant sources and to prevent pollution or degradation of the nearby state waters southwest of location.

**Location**Overall Good: ☐

Emergency Contact Number:

Comment:

Corrective Action:

Date: \_\_\_\_\_

**Good Housekeeping:**

Type

TRASH

Comment: Trash along eastern location.

Corrective Action: Comply with Rule 603.f using the Rule 603.f guidance document for further details.

Date: 03/09/2017

Overall Good: ☐**Spills:**

Type

Area

Volume

In Containment: No

Comment:

☐ Multiple Spills and Releases?**Venting:**

Yes/No

Comment:

Corrective Action:

Date:

**Flaring:**

Type

Comment:

Corrective Action:

Date:

## Location Construction

Location ID: 439079 CDP: \_\_\_\_\_

**Comment:** Topsoil salvaged and stored along the southern perimeter of location. Per Rule 1002, topsoil shall be stabilized and protected from degradation due to wind and water erosion. Per Rule 1002, BMPs to prevent weed establishment and to maintain soil microbial activity shall be implemented.

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

### Form 2A COAs:

**Comment:** An area of 7.65 acres was mapped on 2/22/2017 using a Trimble Juno 3B handheld device.

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

### Wildlife BMPs:

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

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

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

**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>439069</u>	Type: <u>WELL</u>	API Number: <u>123-40293</u>	Status: <u>XX</u>	Insp. Status: <u>CI</u>
Facility ID: <u>439070</u>	Type: <u>WELL</u>	API Number: <u>123-40294</u>	Status: <u>XX</u>	Insp. Status: <u>CI</u>
Facility ID: <u>439071</u>	Type: <u>WELL</u>	API Number: <u>123-40295</u>	Status: <u>XX</u>	Insp. Status: <u>CI</u>
Facility ID: <u>439072</u>	Type: <u>WELL</u>	API Number: <u>123-40296</u>	Status: <u>XX</u>	Insp. Status: <u>CI</u>
Facility ID: <u>439073</u>	Type: <u>WELL</u>	API Number: <u>123-40297</u>	Status: <u>XX</u>	Insp. Status: <u>CI</u>
Facility ID: <u>439074</u>	Type: <u>WELL</u>	API Number: <u>123-40298</u>	Status: <u>XX</u>	Insp. Status: <u>CI</u>
Facility ID: <u>439075</u>	Type: <u>WELL</u>	API Number: <u>123-40299</u>	Status: <u>XX</u>	Insp. Status: <u>CI</u>
Facility ID: <u>439076</u>	Type: <u>WELL</u>	API Number: <u>123-40300</u>	Status: <u>XX</u>	Insp. Status: <u>CI</u>
Facility ID: <u>439077</u>	Type: <u>WELL</u>	API Number: <u>123-40301</u>	Status: <u>XX</u>	Insp. Status: <u>CI</u>
Facility ID: <u>439078</u>	Type: <u>WELL</u>	API Number: <u>123-40302</u>	Status: <u>XX</u>	Insp. Status: <u>CI</u>
Facility ID: <u>439080</u>	Type: <u>WELL</u>	API Number: <u>123-40303</u>	Status: <u>XX</u>	Insp. Status: <u>CI</u>
Facility ID: <u>439081</u>	Type: <u>WELL</u>	API Number: <u>123-40304</u>	Status: <u>XX</u>	Insp. Status: <u>CI</u>
Facility ID: <u>439082</u>	Type: <u>WELL</u>	API Number: <u>123-40305</u>	Status: <u>XX</u>	Insp. Status: <u>CI</u>
Facility ID: <u>439083</u>	Type: <u>WELL</u>	API Number: <u>123-40306</u>	Status: <u>XX</u>	Insp. Status: <u>CI</u>
Facility ID: <u>439084</u>	Type: <u>WELL</u>	API Number: <u>123-40307</u>	Status: <u>XX</u>	Insp. Status: <u>CI</u>
Facility ID: <u>439085</u>	Type: <u>WELL</u>	API Number: <u>123-40308</u>	Status: <u>XX</u>	Insp. Status: <u>CI</u>
Facility ID: <u>439086</u>	Type: <u>WELL</u>	API Number: <u>123-40309</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: 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 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 Appears the Operator started to construct stormwater BMPs outside of the current construction area but then reduced the size of the location. Operator will be responsible for reclaiming initial disturbances. Please refer to attached inspection photos.

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 \_\_\_\_\_ 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
Berms	Pass					
Silt Fences	Fail					
Culverts	Pass					
Gravel	Pass					
Ditches	Pass					

Comment: Silt fence does not appear to be installed in accordance with good engineering practices. Stakes appear to be spaced too far apart (i.e., 15' or more spacing). In addition, silt fence by itself appears insufficient to control for potential pollutant sources and to prevent pollution or degradation of the nearby state waters southwest of location.

Corrective Action: Install additional stormwater BMP(s) and repair required BMP per Rule 1002.f. If the Operator believes the current BMP (i.e., silt fence) is sufficient, then provide construction calculations from the site specific stormwater plan demonstrating that the installed BMPs are sufficient to prevent sediment laden storm runoff from leaving location.

Date: \_\_\_\_\_

Pits: ☐ NO SURFACE INDICATION OF PIT

**COGCC Comments**

Comment	User	Date
Refer to attached inspection photos in Document #682401819.	binschusc	02/23/2017
BMPs should remain in place and in proper functioning condition until the location reaches final reclamation.	binschusc	02/23/2017

**Attached Documents**

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

Document Num	Description	URL
682401819	Inspection Photos	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4082864">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4082864</a>