

**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 _____ Inspector Name: _____ On-Site Inspection
439079 _____ Binschus, Chris _____ 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: 10459
Name of Operator: EXTRACTION OIL & GAS LLC
Address: 370 17TH STREET SUITE 5300
City: DENVER State: CO Zip: 80202

Findings:

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

Contact Information:

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

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>

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 Multi-Well Location

Storm Water:

Loc Erosion BMPs	BMP Maintenance	Lease Road Erosion BMPs	Lease BMP Maintenance	Chemical BMPs	Chemical BMP Maintenance	Comment
Berms	Pass					
Gravel	Pass					
Ditches	Pass					
Culverts	Pass					
Silt Fences	Fail					

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
BMPs should remain in place and in proper functioning condition until the location reaches final reclamation.	binschusc	02/23/2017
Refer to attached inspection photos in Document #682401819.	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
401217836	INSPECTION SUBMITTED	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4082865
682401819	Inspection Photos	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4082864