

**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:

10/25/2017

Submitted Date:

10/26/2017

Document Number:

682402933**FIELD INSPECTION FORM**Loc ID 451686 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
,		COGCCInspections@extracti onog.com	All inspections
,		dnr_cogccenforcement@state .co.us	

Inspected Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
451684	WELL	XX	08/11/2017		123-45170	Launer 2C	CI
451685	WELL	AL	08/17/2017		123-45171	Launer 1	CI
451687	WELL	XX	08/11/2017		123-45172	Launer 5	CI
451688	WELL	XX	08/11/2017		123-45173	Launer 6	CI
451689	WELL	AL	08/17/2017		123-45174	Launer 4	CI
451690	WELL	XX	08/11/2017		123-45175	Launer 3	CI
451692	WELL	XX	08/11/2017		123-45176	Launer 8C	CI
451693	WELL	AL	08/17/2017		123-45177	Launer 7	CI
451694	WELL	XX	08/11/2017		123-45178	Launer 12	CI
451695	WELL	XX	08/11/2017		123-45179	Launer 9	CI
451696	WELL	XX	08/11/2017		123-45180	Launer 11	CI
451697	WELL	AL	08/17/2017		123-45181	Launer 13	CI
451698	WELL	AL	08/17/2017		123-45182	Launer 10	CI

General Comment:

This is a Construction and Stormwater Inspection in response to Form 42: Notice of construction- Document #401403219. This location is being referred to Enforcement.

Inspected Facilities				
Facility ID: <u>451684</u>	Type: <u>WELL</u>	API Number: <u>123-45170</u>	Status: <u>XX</u>	Insp. Status: <u>CI</u>
Facility ID: <u>451685</u>	Type: <u>WELL</u>	API Number: <u>123-45171</u>	Status: <u>AL</u>	Insp. Status: <u>CI</u>
Facility ID: <u>451687</u>	Type: <u>WELL</u>	API Number: <u>123-45172</u>	Status: <u>XX</u>	Insp. Status: <u>CI</u>
Facility ID: <u>451688</u>	Type: <u>WELL</u>	API Number: <u>123-45173</u>	Status: <u>XX</u>	Insp. Status: <u>CI</u>
Facility ID: <u>451689</u>	Type: <u>WELL</u>	API Number: <u>123-45174</u>	Status: <u>AL</u>	Insp. Status: <u>CI</u>
Facility ID: <u>451690</u>	Type: <u>WELL</u>	API Number: <u>123-45175</u>	Status: <u>XX</u>	Insp. Status: <u>CI</u>
Facility ID: <u>451692</u>	Type: <u>WELL</u>	API Number: <u>123-45176</u>	Status: <u>XX</u>	Insp. Status: <u>CI</u>
Facility ID: <u>451693</u>	Type: <u>WELL</u>	API Number: <u>123-45177</u>	Status: <u>AL</u>	Insp. Status: <u>CI</u>
Facility ID: <u>451694</u>	Type: <u>WELL</u>	API Number: <u>123-45178</u>	Status: <u>XX</u>	Insp. Status: <u>CI</u>
Facility ID: <u>451695</u>	Type: <u>WELL</u>	API Number: <u>123-45179</u>	Status: <u>XX</u>	Insp. Status: <u>CI</u>
Facility ID: <u>451696</u>	Type: <u>WELL</u>	API Number: <u>123-45180</u>	Status: <u>XX</u>	Insp. Status: <u>CI</u>
Facility ID: <u>451697</u>	Type: <u>WELL</u>	API Number: <u>123-45181</u>	Status: <u>AL</u>	Insp. Status: <u>CI</u>
Facility ID: <u>451698</u>	Type: <u>WELL</u>	API Number: <u>123-45182</u>	Status: <u>AL</u>	Insp. Status: <u>CI</u>

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

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

Land Use: IRRIGATED

Comment: _____

1002 SITE PREPARATION AND STABILIZATION

1002a. FENCING _____

Comment _____

Corrective Action _____

Date _____

1002b. SOIL REMOVAL AND
SEGREGATION

Fail

Comment

Per Rule 1002.b.(1), topsoil segregation shall be performed to the extent practicable to a depth of six (6) feet or bedrock, whichever is shallower.

Does not appear the Operator has salvaged a sufficient amount of topsoil. The adjacent location to the south (Hergert well pad- Location ID 440396) has approximately the same disturbance area but has significantly more topsoil salvaged than the Launer location. Refer to the attached inspection photos for more detail.

Corrective Action

Operator shall provide the following documentation: 1) How did the Operator determine topsoil segregation depth from lower soil horizons, and 2) How much topsoil was salvaged and stored at location.

In addition, the Operator shall salvage and store topsoil per Rule 1002.b.(1).

Date **09/18/2017**

1002c. PROTECTION OF SOILS _____ In Process

Comment

Per Rule 1002.c., all stockpiles shall be protected from degradation due to contamination, compaction and, to the extent practicable, from wind and water erosion during drilling and production operations. Per Rule 1002, BMPs to prevent weed establishment and to maintain soil microbial activity shall be implemented.

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: IRRIGATED _____

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
<p>Comment: This location is not in compliance with Reclamation rules. At the time of this inspection, Operator did not have any stormwater and erosion control BMPs implemented throughout any portion of the location. Per Form 42 Document #401403219 (Notice of construction), construction activities commenced on September 18, 2017. Based on these inspection observations, Operator failed to install stormwater and erosion control BMPs prior to, or at, the start of construction.</p> <p>Corrective Action: Operator shall install stormwater and erosion control BMPs prior to, or at, the start of construction; therefore, the corrective action date is based off the Form 42 start of construction date.</p> <p>Date: 09/18/2017</p>						
<p>Pits: <input type="checkbox"/> NO SURFACE INDICATION OF PIT</p>						

COGCC Comments

Comment	User	Date
Per Rule 805.c., Operator shall minimize fugitive dust emissions. Fugitive dust was observed from truck traffic along the access road. Operator said a water truck was scheduled to be at location later on the day of this inspection.	binschusc	10/26/2017

Attached Documents

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

Document Num	Description	URL
401442406	INSPECTION SUBMITTED	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4285243
682402935	Inspection Photos	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4285228