

**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<br>onog.com | <a href="#">All inspections</a> |
| ,            |       | dnr_cogccenforcement@state<br>.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 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 \_\_\_\_\_

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><b>Comment:</b> 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><b>Corrective Action:</b> 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><b>Date:</b> 09/18/2017</p> |                 |                         |                       |               |                          |         |
| <p><b>Pits:</b> <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   |
|--------------|-------------------|---|
| 682402935    | Inspection Photos | <a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4285228">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4285228</a> |