

**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:

12/28/2016

Submitted Date:

12/28/2016

Document Number:

681901904**FIELD INSPECTION FORM**
 Loc ID 320277 Inspector Name: HELGELAND, GARY On-Site Inspection ☐ 2A Doc Num:                     
**Operator Information:**OGCC Operator Number: 10459Name of Operator: EXTRACTION OIL & GAS LLCAddress: 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:**12 Number of Comments1 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> |

**Inspected Facilities:**

| Facility ID | Type | Status | Status Date | Well Class | API Num   | Facility Name   | Insp Status |
|-------------|------|--------|-------------|------------|-----------|-----------------|-------------|
| 203333      | WELL | PR     | 01/09/1988  | GW         | 001-08842 | SHANNON MD 14-5 | PR          |

**General Comment:**

**Location**Overall Good: ☒

|                      |   |       |            |
|----------------------|---|-------|------------|
| <b>Signs/Marker:</b> |   |       |            |
| Type                 | BATTERY   |       |            |
| Comment:             | WRONG WELL ON BATTERY SIGN. SEE ATTACHED PICTURE. |       |            |
| Corrective Action:   | "Install sign to comply with Rule 210.b."         | Date: | 01/28/2017 |
| Type                 | WELLHEAD  |       |            |
| Comment:             | SATISFACTORY                                      |       |            |
| Corrective Action:   |   | Date: |            |
| Type                 | TANK LABELS/PLACARDS                              |       |            |
| Comment:             | SATISFACTORY                                      |       |            |
| Corrective Action:   |   | Date: |            |

Emergency Contact Number:

Comment: SATISFACTORY

Corrective Action:

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

Overall Good: ☒

|                |      |        |  |
|----------------|------|--------|--|
| <b>Spills:</b> |      |        |  |
| Type           | Area | Volume |  |

In Containment: No

Comment:

☐ Multiple Spills and Releases?

|                    |          |       |  |
|--------------------|----------|-------|--|
| <b>Fencing/:</b>   |          |       |  |
| Type               | WELLHEAD |       |  |
| Comment:           | PANEL    |       |  |
| Corrective Action: |          | Date: |  |

|                                   |              |       |                 |
|-----------------------------------|--------------|-------|-----------------|
| <b>Equipment:</b>                 |              |       | corrective date |
| Type: Plunger Lift                | # 1          |       |                 |
| Comment:                          | SATISFACTORY |       |                 |
| Corrective Action:                |              | Date: |                 |
| Type: Horizontal Heated Separator | # 1          |       |                 |
| Comment:                          | SATISFACTORY |       |                 |
| Corrective Action:                |              | Date: |                 |
| Type: Bird Protectors             | # 1          |       |                 |
| Comment:                          | SATISFACTORY |       |                 |
| Corrective Action:                |              | Date: |                 |
| Type: Gas Meter Run               | # 1          |       |                 |
| Comment:                          | SATISFACTORY |       |                 |
| Corrective Action:                |              | Date: |                 |

**Tanks and Berms:**

|                    |   |          |           |         |                       |       |
|--------------------|---|----------|-----------|---------|-----------------------|-------|
| Contents           | # | Capacity | Type      | Tank ID | SE GPS                |       |
| CRUDE OIL          | 1 | 300 BBLs | STEEL AST |         | 39.970596,-104.975334 |       |
| Comment:           |   |          |           |         |                       |       |
| Corrective Action: |   |          |           |         |                       | Date: |

**Paint**

|                  |          |  |
|------------------|----------|--|
| Condition        | Adequate |  |
| Other (Content)  |          |  |
| Other (Capacity) |          |  |
| Other (Type)     |          |  |

**Berms**

|                    |          |                     |                     |             |       |
|--------------------|----------|---------------------|---------------------|-------------|-------|
| Type               | Capacity | Permeability (Wall) | Permeability (Base) | Maintenance |       |
| Earth              | Adequate | Walls Sufficient    | Base Sufficient     | Adequate    |       |
| Comment:           |          |                     |                     |             |       |
| Corrective Action: |          |                     |                     |             | Date: |

|                    |   |          |              |         |        |       |
|--------------------|---|----------|--------------|---------|--------|-------|
| Contents           | # | Capacity | Type         | Tank ID | SE GPS |       |
| PRODUCED WATER     | 1 | <50 BBLs | PBV CONCRETE |         | ,      |       |
| Comment:           |   |          |              |         |        |       |
| Corrective Action: |   |          |              |         |        | Date: |

**Paint**

|                  |          |  |
|------------------|----------|--|
| Condition        | Adequate |  |
| Other (Content)  |          |  |
| Other (Capacity) |          |  |
| Other (Type)     |          |  |

**Berms**

|                    |          |                     |                     |             |       |
|--------------------|----------|---------------------|---------------------|-------------|-------|
| Type               | Capacity | Permeability (Wall) | Permeability (Base) | Maintenance |       |
|                    |          |                     |                     |             |       |
| Comment:           |          |                     |                     |             |       |
| Corrective Action: |          |                     |                     |             | Date: |

**Venting:**

|                    |    |  |       |
|--------------------|----|--|-------|
| Yes/No             | NO |  |       |
| Comment:           |    |  |       |
| Corrective Action: |    |  | Date: |

**Flaring:**

|                    |  |  |       |
|--------------------|--|--|-------|
| Type               |  |  |       |
| Comment:           |  |  |       |
| Corrective Action: |  |  | Date: |

| Inspected Facilities |                                  |       |      |             |           |         |    |               |    |
|----------------------|----------------------------------|-------|------|-------------|-----------|---------|----|---------------|----|
| Facility ID:         | 203333                           | Type: | WELL | API Number: | 001-08842 | Status: | PR | Insp. Status: | PR |
| Producing Well       |                                  |       |      |             |           |         |    |               |    |
| Comment:             | PR                               |       |      |             |           |         |    |               |    |
| Corrective Action:   |                                  |       |      |             | Date:     |         |    |               |    |
| BradenHead           |                                  |       |      |             |           |         |    |               |    |
| Comment:             | Bradenhead is plumed to surface. |       |      |             |           |         |    |               |    |
| Corrective Action:   |                                  |       |      |             | Date:     |         |    |               |    |

**Environmental**

**Spill/Remediation:**

Comment:

Corrective Action:  Date:

Emission Control Burner (ECB): NO

Comment:

Pilot:  Wildlife Protection Devices (fired vessels):

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

Date Interim Reclamation Started: \_\_\_\_\_ Date Interim Reclamation Completed: \_\_\_\_\_

Land Use: \_\_\_\_\_

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? Pass

Comment \_\_\_\_\_

Corrective Action \_\_\_\_\_

Date \_\_\_\_\_

Unused or unneeded equipment onsite? Pass

Comment \_\_\_\_\_

Corrective Action \_\_\_\_\_

Date \_\_\_\_\_

Pit, cellars, rat holes and other bores closed? Pass

Comment \_\_\_\_\_

Corrective Action \_\_\_\_\_

Date \_\_\_\_\_

Guy line anchors marked? Pass

Comment \_\_\_\_\_

Corrective Action \_\_\_\_\_

Date \_\_\_\_\_

1003b. Area no longer in use? \_\_\_\_\_ Production areas stabilized ? Pass

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? Pass Segregated soils have been replaced? \_\_\_\_\_**RESTORATION AND REVEGETATION**CroplandTop soil replaced Pass Recontoured Pass Perennial forage re-established InNon-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 In Process**Final Reclamation/ Abandoned Location:**

Date Final Reclamation Started: \_\_\_\_\_ Date Final Reclamation Completed: \_\_\_\_\_

Final Land Use: \_\_\_\_\_

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 |
|------------------|-----------------|-------------------------|-----------------------|---------------|--------------------------|---------|
| Gravel           | Pass            | Gravel                  | Pass                  |               |                          |         |

Comment: Corrective Action: Date: **Pits:** ☒ NO SURFACE INDICATION OF PIT**Attached Documents**You can go to COGCC Images (<https://cogcc.state.co.us/weblink/>) and search by document number:

| Document Num | Description          | URL   |
|--------------|----------------------|---|
| 681901904    | INSPECTION SUBMITTED | <a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4039235">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4039235</a> |
| 681901908    | SIGN                 | <a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4039231">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4039231</a> |