

**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:

05/23/2017

Submitted Date:

05/23/2017

Document Number:

680704131**FIELD INSPECTION FORM**

|                   |                                  |   |  |
|-------------------|----------------------------------|---|--|
| Loc ID<br>331212  | Inspector Name:<br>Peterson, Tom | On-Site Inspection <input type="checkbox"/> | <b>Status Summary:</b><br><input type="checkbox"/> THIS IS A FOLLOW UP INSPECTION<br><input checked="" type="checkbox"/> FOLLOW UP INSPECTION REQUIRED<br><input type="checkbox"/> NO FOLLOW UP INSPECTION REQUIRED<br><br><b>Findings:</b><br>17 Number of Comments<br>4 Number of Corrective Actions<br><input checked="" type="checkbox"/> Corrective Action Response Requested |
| 2A Doc Num: _____ |                                  |   |  |

**Operator Information:**OGCC Operator Number: 100322Name of Operator: NOBLE ENERGY INCAddress: 1625 BROADWAY STE 2200City: DENVER State: CO Zip: 80202**Contact Information:**

| Contact Name  | Phone | Email                                  | Comment |
|---------------|-------|--|---------|
| ,             |       | NBL_DJBU_Inspections@NB<br>LENERGY.COM |         |
| Leonard, Mike |       | mike.leonard@state.co.us               |         |

**Inspected Facilities:**

| Facility ID | Type | Status | Status Date | Well Class | API Num   | Facility Name         | Insp Status |
|-------------|------|--------|-------------|------------|-----------|-----------------------|-------------|
| 259420      | WELL | PR     | 03/19/2005  | GW         | 123-20319 | HSR-LOT HOLDINGS 8-12 | EG          |

**General Comment:**2017 Flowline NTO Inspection 1000' Buffer

**Location**Overall Good: ☒

|                      |   |       |            |
|----------------------|---|-------|------------|
| <b>Signs/Marker:</b> |   |       |            |
| Type                 | TANK LABELS/PLACARDS  |       |            |
| Comment:             | Crude oil tank contents/capacity placarding has faded and is illegible. See attached photo. |       |            |
| Corrective Action:   | Install sign to comply with Rule 210.d.   | Date: | 07/25/2017 |
| Type                 | BATTERY   |       |            |
| Comment:             |   |       |            |
| Corrective Action:   |   | Date: |            |
| Type                 | WELLHEAD  |       |            |
| Comment:             |   |       |            |
| Corrective Action:   |   | Date: |            |

|                           |             |
|---------------------------|-------------|
| Emergency Contact Number: |             |
| Comment:                  |             |
| Corrective Action:        | Date: _____ |

|                           |   |       |            |
|---------------------------|---|-------|------------|
| <b>Good Housekeeping:</b> |   |       |            |
| Type                      | UNUSED EQUIPMENT  |       |            |
| Comment:                  | Unused automation equipment on ground next to separator and unused dry gas tower on ground next to ECD scrubber. See attached photos. |       |            |
| Corrective Action:        | Comply with Rule 603.f using the Rule 603.f guidance document for further details.  | Date: | 06/26/2017 |

Overall Good: ☐

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

In Containment: No

Comment: ☐ Multiple Spills and Releases?

|                    |                               |       |  |
|--------------------|-------------------------------|-------|--|
| <b>Fencing/:</b>   |                               |       |  |
| Type               | WELLHEAD                      |       |  |
| Comment:           | Barbed wire topped chain link |       |  |
| Corrective Action: |                               | Date: |  |
| Type               | IGNITOR/COMBUSTOR             |       |  |
| Comment:           | Chain link x 2                |       |  |
| Corrective Action: |                               | Date: |  |
| Type               | SEPARATOR                     |       |  |
| Comment:           | Barbed wire topped chain link |       |  |
| Corrective Action: |                               | Date: |  |
| Type               | TANK BATTERY                  |       |  |
| Comment:           | Barbed wire topped chain link |       |  |
| Corrective Action: |                               | Date: |  |

|                                   |  |  |  |                 |  |
|-----------------------------------|--|--|--|-----------------|--|
| <b>Equipment:</b>                 |  |  |  | corrective date |  |
| Type: Plunger Lift                | # 1  |  |  |                 |  |
| Comment:                          |  |  |  |                 |  |
| Corrective Action:                |  |  |  | Date:           |  |
| Type: Flow Line                   | # 19   |  |  |                 |  |
| Comment:                          | 13- 2" steel risers, 4-1" process line risers, one 3 " capped riser at crude oil tank and one above ground cut poly line at separator. |  |  |                 |  |
| Corrective Action:                |  |  |  | Date:           |  |
| Type: Gas Meter Run               | # 1  |  |  |                 |  |
| Comment:                          |  |  |  |                 |  |
| Corrective Action:                |  |  |  | Date:           |  |
| Type: Pig Station                 | # 1  |  |  |                 |  |
| Comment:                          | N40.32745 W-104.83072  |  |  |                 |  |
| Corrective Action:                |  |  |  | Date:           |  |
| Type: Emission Control Device     | # 2  |  |  |                 |  |
| Comment:                          | N40.32738 W-104.83074  |  |  |                 |  |
| Corrective Action:                |  |  |  | Date:           |  |
| Type: Flow Line                   | # 2  |  |  |                 |  |
| Comment:                          | Above ground ECD flowlines   |  |  |                 |  |
| Corrective Action:                |  |  |  | Date:           |  |
| Type: Horizontal Heated Separator | # 1  |  |  |                 |  |
| Comment:                          | N40.32745 W-104.83073  |  |  |                 |  |
| Corrective Action:                |  |  |  | Date:           |  |
| Type: Bird Protectors             | # 3  |  |  |                 |  |
| Comment:                          |  |  |  |                 |  |
| Corrective Action:                |  |  |  | Date:           |  |
| Type: Ancillary equipment         | # 3  |  |  |                 |  |
| Comment:                          | Automation array and two ECD scrubbers   |  |  |                 |  |
| Corrective Action:                |  |  |  | Date:           |  |

**Tanks and Berms:**

| Contents           | #   | Capacity | Type      | Tank ID | SE GPS                |
|--------------------|---|----------|-----------|---------|-----------------------|
| CRUDE OIL          | 1   | OTHER    | STEEL AST |         | 40.327390,-104.831020 |
| Comment:           | Paint has peeled off of crude oil tank. See attached photo. |          |           |         |                       |
| Corrective Action: | Repair and paint tanks per Rule 804.                        |          |           |         | Date: 06/26/2017      |

**Paint**

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

**Berms**

Inspector Name: Peterson, Tom

|                    |  |                     |                     |             |                       |
|--------------------|--|---------------------|---------------------|-------------|-----------------------|
| Type               | Capacity   | Permeability (Wall) | Permeability (Base) | Maintenance |                       |
| Earth              | Adequate   | Walls Sufficent     | Base Sufficent      | Adequate    |                       |
| Comment:           |  |                     |                     |             |                       |
| Corrective Action: |  |                     |                     |             | Date:                 |
| Contents           | #  | Capacity            | Type                | Tank ID     | SE GPS                |
| PRODUCED WATER     | 1  | <50 BBLs            | BV CONCRETE         |             | 40.327390,-104.831020 |
| Comment:           | 48 bbls. Produced water vault loadline extends beyond berm and is uncapped. See attached photo |                     |                     |             |                       |
| Corrective Action: | Bullplug or cap load line per rule 604.  |                     |                     |             | Date: 06/26/2017      |
| <b>Paint</b>       |  |                     |                     |             |                       |
| Condition          | Adequate   |                     |                     |             |                       |
| Other (Content)    |  |                     |                     |             |                       |
| Other (Capacity)   |  |                     |                     |             |                       |
| Other (Type)       |  |                     |                     |             |                       |
| <b>Berms</b>       |  |                     |                     |             |                       |
| Type               | Capacity   | Permeability (Wall) | Permeability (Base) | Maintenance |                       |
| Earth              | Adequate   | Walls Sufficent     | Base Sufficent      | Adequate    |                       |
| Comment:           |  |                     |                     |             |                       |
| Corrective Action: |  |                     |                     |             | Date:                 |
| <b>Venting:</b>    |  |                     |                     |             |                       |
| Yes/No             | NO   |                     |                     |             |                       |
| Comment:           |  |                     |                     |             |                       |
| Corrective Action: |  |                     |                     |             | Date:                 |
| <b>Flaring:</b>    |  |                     |                     |             |                       |
| Type               |  |                     |                     |             |                       |
| Comment:           |  |                     |                     |             |                       |
| Corrective Action: |  |                     |                     |             | Date:                 |

| Inspected Facilities |   |       |      |             |           |         |    |               |    |
|----------------------|---|-------|------|-------------|-----------|---------|----|---------------|----|
| Facility ID:         | 259420                                  | Type: | WELL | API Number: | 123-20319 | Status: | PR | Insp. Status: | EG |
| Producing Well       |   |       |      |             |           |         |    |               |    |
| Comment:             | PR                                      |       |      |             |           |         |    |               |    |
| Corrective Action:   |   |       |      |             |           | Date:   |    |               |    |
| BradenHead           |   |       |      |             |           |         |    |               |    |
| Comment:             | Bradenhead valve is exposed at surface. |       |      |             |           |         |    |               |    |
| Corrective Action:   |   |       |      |             |           | Date:   |    |               |    |

| Environmental                      |  |
|------------------------------------|--|
| <b>Spill/Remediation:</b>          |  |
| Comment:                           |  |
| Corrective Action:                 | Date:  |
| Emission Control Burner (ECB): YES |  |
| Comment:                           |  |
| Pilot: ON                          | Wildlife Protection Devices (fired vessels): YES |

**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? \_\_\_\_\_

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: \_\_\_\_\_

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   |
|--------------|----------------------|---|
| 401291400    | INSPECTION SUBMITTED | <a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4154259">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4154259</a> |
| 680704132    | Photos               | <a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4154241">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4154241</a> |