

**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:

10/03/2018

Submitted Date:

10/09/2018

Document Number:

688302606**FIELD INSPECTION FORM**

Loc ID      Inspector Name:      On-Site Inspection ☐  
 309657      Sherman, Susan      2A Doc Num: \_\_\_\_\_

**Operator Information:**OGCC Operator Number: 10399Name of Operator: NIGHTHAWK PRODUCTION LLCAddress: 1805 SHEA CENTER DR #290City: HIGHLANDS      State: CO      Zip: 80129**Status Summary:**

- ☐ THIS IS A FOLLOW UP INSPECTION  
☐ FOLLOW UP INSPECTION REQUIRED  
☐ NO FOLLOW UP INSPECTION REQUIRED

**Findings:**19 Number of Comments2 Number of Corrective Actions☒ Corrective Action Response Requested**ANY CORRECTIVE ACTION(S) FROM  
PREVIOUS INSPECTIONS THAT HAVE NOT  
BEEN ADDRESSED ARE STILL APPLICABLE****Contact Information:**

| Contact Name      | Phone        | Email                    | Comment          |
|-------------------|--------------|--------------------------|------------------|
| Silverman, Daniel | 713-227-0391 | dsilverman@d90energy.com | President        |
| Kosola, Jason     |              | jason.kosola@state.co.us | COGCC EPS        |
| Oakes, Kevin      | 713-227-0391 | kevin@d90energy.com      | Designated Agent |

**Inspected Facilities:**

| Facility ID | Type | Status | Status Date | Well Class | API Num   | Facility Name | Insp Status |
|-------------|------|--------|-------------|------------|-----------|---------------|-------------|
| 300637      | WELL | SI     | 06/01/2018  | OW         | 073-06365 | CRAIG 12-33   | TA          |

**General Comment:**

Routine Inspection. Stained soil behind produced water tanks (see attached photos).

**Location**Overall Good: ☒

|                      |                              |       |  |
|----------------------|------------------------------|-------|--|
| <b>Signs/Marker:</b> |                              |       |  |
| Type                 | BATTERY                      |       |  |
| Comment:             | update signs to new operator |       |  |
| Corrective Action:   |                              | Date: |  |
| Type                 | TANK LABELS/PLACARDS         |       |  |
| Comment:             | update signs to new operator |       |  |
| Corrective Action:   |                              | Date: |  |
| Type                 | WELLHEAD                     |       |  |
| Comment:             | update signs to new operator |       |  |
| Corrective Action:   |                              | Date: |  |

Emergency Contact Number:

Comment:

Corrective Action: Install sign to comply with Rule 210.e.

Date: 11/12/2018

**Good Housekeeping:**

|                    |                            |       |  |
|--------------------|----------------------------|-------|--|
| Type               | WEEDS                      |       |  |
| Comment:           | Control weeds on location. |       |  |
| Corrective Action: |                            | Date: |  |

Overall Good: ☐

|                    |  |          |                  |
|--------------------|--|----------|------------------|
| <b>Spills:</b>     |  |          |                  |
| Type               | Area   | Volume   |                  |
| Crude Oil          | Tank   | <= 1 bbl |                  |
| Comment:           | Oily stained soil behind produced water tank |          |                  |
| Corrective Action: | Contact COGCC EPS.                           |          | Date: 10/24/2018 |

In Containment: Yes

Comment:

☐ Multiple Spills and Releases?

|                    |             |       |  |
|--------------------|-------------|-------|--|
| <b>Fencing/:</b>   |             |       |  |
| Type               | WELLHEAD    |       |  |
| Comment:           | steel panel |       |  |
| Corrective Action: |             | Date: |  |
| Type               | LOCATION    |       |  |
| Comment:           | barbed wire |       |  |
| Corrective Action: |             | Date: |  |
| Type               | PUMP JACK   |       |  |
| Comment:           | steel pipe  |       |  |
| Corrective Action: |             | Date: |  |

|                               |        |  |                 |
|-------------------------------|--------|--|-----------------|
| <b>Equipment:</b>             |        |  | corrective date |
| Type: Pump Jack               | # 1    |  |                 |
| Comment:                      |        |  |                 |
| Corrective Action:            |        |  | Date:           |
| Type: Emission Control Device | # 0    |  |                 |
| Comment:                      |        |  |                 |
| Corrective Action:            |        |  | Date:           |
| Type: Deadman # & Marked      | # 4    |  |                 |
| Comment:                      |        |  |                 |
| Corrective Action:            |        |  | Date:           |
| Type: Vertical Heater Treater | # 1    |  |                 |
| Comment:                      | bermed |  |                 |
| Corrective Action:            |        |  | Date:           |
| Type: Prime Mover             | # 1    |  |                 |
| Comment:                      |        |  |                 |
| Corrective Action:            |        |  | Date:           |

**Tanks and Berms:**

|                    |                 |          |                  |         |        |       |
|--------------------|-----------------|----------|------------------|---------|--------|-------|
| Contents           | #               | Capacity | Type             | Tank ID | SE GPS |       |
| PRODUCED WATER     | 4               | 200 BBLs | HEATED STEEL AST |         | ,      |       |
| Comment:           | on enardo valve |          |                  |         |        |       |
| Corrective Action: |                 |          |                  |         |        | Date: |

**Paint**

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

**Berms**

|                    |                            |                     |                     |             |        |
|--------------------|----------------------------|---------------------|---------------------|-------------|--------|
| Type               | Capacity                   | Permeability (Wall) | Permeability (Base) | Maintenance |        |
| Metal              | Adequate                   | Walls Sufficent     |                     | Adequate    |        |
| Comment:           | check base liner integrity |                     |                     |             |        |
| Corrective Action: |                            |                     |                     |             |        |
|                    |                            |                     |                     | Date:       |        |
| Contents           | #                          | Capacity            | Type                | Tank ID     | SE GPS |
| CRUDE OIL          | 4                          | 400 BBLs            | STEEL AST           |             | ,      |
| Comment:           | one enardo vavle           |                     |                     |             |        |
| Corrective Action: |                            |                     |                     |             |        |
|                    |                            |                     |                     |             | Date:  |

**Paint**

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

**Berms**

|                    |  |                     |                     |             |  |
|--------------------|--|---------------------|---------------------|-------------|--|
| Type               | Capacity                                 | Permeability (Wall) | Permeability (Base) | Maintenance |  |
|                    |  |                     |                     |             |  |
| Comment:           | same metal berms as produced water tanks |                     |                     |             |  |
| Corrective Action: |  |                     |                     | Date:       |  |

**Venting:**

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

**Flaring:**

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

**Inspected Facilities**

Facility ID: 300637 Type: WELL API Number: 073-06365 Status: SI Insp. Status: TA

**Idle Well**

Purpose: ☐ Shut In ☒ Temporarily Abandoned Reminder: \_\_\_\_\_

Comment: Last MIT 10/15/16.

Corrective Action: \_\_\_\_\_ Date: \_\_\_\_\_

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

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

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

Comment: pasture, near South Rush Creek**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 \_\_\_\_\_

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 |
|------------------|-----------------|-------------------------|-----------------------|---------------|--------------------------|---------|
| Compaction       | Pass            | Compaction              | Pass                  |               |                          |         |
| 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   |
|--------------|------------------------------|---|
| 401790374    | INSPECTION SUBMITTED         | <a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4603068">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4603068</a> |
| 688302653    | D90 Energy LLC, Craing 12-33 | <a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4603062">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4603062</a> |