

**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:

03/01/2019

Submitted Date:

03/14/2019

Document Number:

674902642

**FIELD INSPECTION FORM**

|   |                                  |   |                   |   |
|---|----------------------------------|---|-------------------|---|
| Loc ID<br>305083  | Inspector Name:<br>Beam, Russell | On-Site Inspection <input type="checkbox"/> | 2A Doc Num: _____ | <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 |
| <b>Operator Information:</b><br>OGCC Operator Number: 69175<br>Name of Operator: PDC ENERGY INC<br>Address: 1775 SHERMAN STREET - STE 3000<br>City: DENVER State: CO Zip: 80203 |                                  |   |                   | <b>Findings:</b><br>4 Number of Comments<br>2 Number of Corrective Actions<br><input checked="" type="checkbox"/> Corrective Action Response Requested  |
|   |                                  |   |                   | <b>ANY CORRECTIVE ACTION(S) FROM PREVIOUS INSPECTIONS THAT HAVE NOT BEEN ADDRESSED ARE STILL APPLICABLE</b>   |

**Contact Information:**

| Contact Name | Phone | Email                    | Comment         |
|--------------|-------|--------------------------|-----------------|
| ,            |       | cogccinspection@pdce.com | ALL INSPECTIONS |

**Inspected Facilities:**

| Facility ID | Type | Status | Status Date | Well Class | API Num   | Facility Name     | Insp Status |
|-------------|------|--------|-------------|------------|-----------|-------------------|-------------|
| 273918      | WELL | PA     | 05/25/2016  | GW         | 123-22422 | STONEBRAKER 42-28 | PA          |

**General Comment:**

This is a Final Reclamation Inspection for the PA Well. Well was plugged 5/25/2016.

Inspection was conducted on 3/1/19 by I, Russell Beam, COGCC Reclamation Specialist at the location.

The following Corrective Actions were observed during the Inspections.

1002.f.2 Stormwater management. Operator does not appear to have implemented and maintained Best Management Practices (BMPs) to control stormwater runoff in a manner that minimizes erosion, transport of sediment offsite, and site degradation per Rule 1002.f.(2). Operator does not appear to have implemented BMPs in accordance with good engineering practices per Rule 1002.f.(2).– CA Date 3/1/2019.

1004,a Final Reclamation. This location is not in compliance with Rule 1004a due to the reclamation is not at percent cover and has non-uniform establishment of perennial cover – CA Date 3/1/2019.

Operator is directed to perform corrective actions outlined on this inspection report immediately. Doing so may decrease the duration of the alleged violations and the penalties that may be assessed pursuant to Rule 523.

End of summary.

| Inspected Facilities |        |       |      |             |           |         |    |               |    |
|----------------------|--------|-------|------|-------------|-----------|---------|----|---------------|----|
| Facility ID:         | 273918 | Type: | WELL | API Number: | 123-22422 | Status: | PA | Insp. Status: | PA |

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

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

Land Use: DRY LAND, IMPROVED PASTURE

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? \_\_\_\_\_

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: DRY LAND, IMPROVED PASTURE \_\_\_\_\_

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 **Fail** \_\_\_\_\_

Non cropland: Revegetated 80% **Fail** \_\_\_\_\_ 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: This location is not in compliance with Rule 1004. This location is not in compliance with Rule 1004a due to the reclamation is not at percent cover and has non-uniform establishment of perennial cover Appears the Operator has recently performed reclamation activities with drill rows observed but no straw crimped mulch. Please refer to the attached inspection photos for more detail.

|   |  |   |
|---|--|---|
| Corrective Action:  | Perform reclamation in accordance to COGCC 1004 reclamation rules and requirements. Operator is directed to perform corrective actions outlined on this inspection report immediately. Doing so may decrease the duration of the alleged violations and the penalties that may be assessed pursuant to Rule 523. | Date <b>03/01/2019</b>  |
| Overall Final Reclamation   | <b>Fail</b>  | Well Release on Active Location <input type="checkbox"/> Multi-Well Location <input type="checkbox"/> |
| <b><u>Storm Water:</u></b>  |  |   |
| Loc Erosion BMPs  | BMP Maintenance  | Lease Road Erosion BMPs   |
|   |  |   |
| <div style="display: flex; justify-content: space-between;"> <div> <p>Comment: Operator does not appear to have implemented and maintained Best Management Practices (BMPs) to control stormwater runoff in a manner that minimizes erosion, transport of sediment offsite, and site degradation per Rule 1002.f.(2). Operator does not appear to have implemented BMPs in accordance with good engineering practices per Rule 1002.f.(2). See attached inspection photos for more details.</p> <p>Corrective Action: Install or repair required BMPs per Rule 1002.f. in accordance with good engineering practices.</p> </div> <div style="text-align: right;"> <p>Date: 03/01/2019</p> </div> </div> |  |   |
| <b>Pits:</b> <input type="checkbox"/> 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   |
|--------------|----------------------|---|
| 401973098    | INSPECTION SUBMITTED | <a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4763460">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4763460</a> |
| 674902671    | Inspection Photos    | <a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4763456">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4763456</a> |