

**FORM
INSP**

Rev
X/20

**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:

04/13/2021

Submitted Date:

04/14/2021

Document Number:

697502767

FIELD INSPECTION FORM

Loc ID 331801 Inspector Name: Binschus, Chris On-Site Inspection 2A Doc Num: _____

Operator Information:

OGCC Operator Number: 69175
Name of Operator: PDC ENERGY INC
Address: 1775 SHERMAN STREET - STE 3000
City: DENVER State: CO Zip: 80203

Status Summary:

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

Findings:

- 7 Number of Comments
- 2 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 |
|-----------------|-------|----------------------------|-----------------|
| Adamczyk, Megan | | megan.adamczyk@state.co.us | |
| , | | cogccinspection@pdce.com | ALL INSPECTIONS |
| | | phillip.porter@pdce.com | |

Inspected Facilities:

| Facility ID | Type | Status | Status Date | Well Class | API Num | Facility Name | Insp Status |
|-------------|------|--------|-------------|------------|-----------|---------------|-------------|
| 266097 | WELL | PA | 12/28/2017 | GW | 123-21323 | WYSCAVER 13-5 | RI |

General Comment:

This inspection is in response to a reclamation complaint. Refer to the complaint, final reclamation and stormwater sections for more detail.

This inspection is for the well location and access road. The associated offsite tank battery is being addressed under Field Inspection Report Doc.# 697502765.

Well API#123-21323 was plugged and abandoned 12/28/2017.

Inspected Facilities

Facility ID: 266097 Type: WELL API Number: 123-21323 Status: PA Insp. Status: RI

Complaint

Comment: [Complaint #: 200449628](#)
[Field Inspector Assigned: Chris Binschus](#)
[Location ID#: 331801](#)
[Inspection Document #: 697502767](#)
Nature of complaint: Complainant has concerns about the lack of reclamation efforts regarding four well locations, the associated access roads and two tank batteries.

Corrective Action:

Date:

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? _____

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 Pass 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 **Fail** Locations, facilities, roads, recontoured **Fail**

Compaction alleviation _____ Dust and erosion control _____

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:

| | | |
|---------------------------|--|--|
| | <p>Well location and access road have little to no establishment of desirable plant species. Well location is not stabilized and susceptible to wind erosion. The well location is classified as vona loamy sand which is highly susceptible to wind erosion. Refer to the attached inspection photos.</p> <p>Reference area vegetation is comprised mostly of warm season grasses like Blue grama. Surface owner has planted other cool season and warm season species throughout his property.</p> <p>See COGCC Comments section regarding fencing.</p> | |
| Corrective Action: | <p>Comply with Rule 1002.a.(3) and 1004. At the request of the surface owner, PDC shall fence off the well location and access road and maintain fence to prevent livestock entry until passing final reclamation. PDC shall collaborate with the surface owner on fencing requirements but it will likely be similar to Noble's fence at the shared tank battery.</p> <p>PDC shall use an approved surface owner seed mix.</p> <p>PDC shall perform final reclamation activities immediately.</p> <p>This location may be referred to Enforcement and therefore no corrective action date will be issued.</p> | Date _____ |
| Overall Final Reclamation | Fail | Well Release on Active Location <input type="checkbox"/> |
| | | Multi-Well Location <input type="checkbox"/> |

Storm Water:

| Loc Erosion BMPs | BMP Maintenance | Lease Road Erosion BMPs | Lease BMP Maintenance | Chemical BMPs | Chemical BMP Maintenance | Comment |
|---|-----------------|-------------------------|-----------------------|---------------|--------------------------|-------------|
| | | | | | | |
| <p>Comment: See the Final Reclamation section regarding wind erosion at the well location.</p> | | | | | | Date: _____ |
| <p>Corrective Action: PDC shall perform final reclamation activities immediately to stabilize the well location to minimize erosion, transport of sediment offsite and site degradation.</p> | | | | | | |
| <p>Pits: <input type="checkbox"/> NO SURFACE INDICATION OF PIT</p> | | | | | | |

COGCC Comments

| Comment | User | Date |
|--|-----------|------------|
| Fencing- Operator had previously installed fencing to prevent livestock entry while final reclamation was in process. Surface owner stated that fencing was not sufficient and was not maintained to prevent livestock entry; therefore, fencing was taken down. | binschusc | 04/14/2021 |
| COGCC staff, Chris Binschus, contacted Operator representatives, Phillip Porter and Ray Meisner, on April 14, 2021 to discuss observations and required corrective actions. | binschusc | 04/15/2021 |

Attached Documents

You can go to COGCC Images (<https://cogcc.state.co.us/weblink/>) and search by document number:

| Document Num | Description | URL |
|--------------|----------------------|---|
| 402660055 | INSPECTION SUBMITTED | http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5404428 |
| 697502768 | Inspection Photos | http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5404424 |