

**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:

12/11/2017

Submitted Date:

12/13/2017

Document Number:

682502935

FIELD INSPECTION FORM

Loc ID 322636 Inspector Name: Trujillo, Aaron On-Site Inspection 2A Doc Num: _____

Status Summary:

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

Operator Information:

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

Findings:

- 6 Number of Comments
- 1 Number of Corrective Actions
- Corrective Action Response Requested

Contact Information:

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

Inspected Facilities:

| Facility ID | Type | Status | Status Date | Well Class | API Num | Facility Name | Insp Status |
|-------------|--------------|--------|-------------|------------|-----------|---------------|-------------|
| 243992 | WELL | PA | 11/27/2015 | GW | 123-11784 | PESCHEL 44-20 | RI |
| 444548 | TANK BATTERY | CL | | | - | | RI |

General Comment:

This is a follow-up, final reclamation inspection. Any corrective action(s) from previous inspections that have not been addressed are still applicable.

Inspected Facilities

Facility ID: 243992 Type: WELL API Number: 123-11784 Status: PA Insp. Status: RI

Facility ID: 444548 Type: TANK API Number: - Status: CL Insp. Status: RI

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 _____ Pit mouse/rat holes, cellars backfilled _____

Debris removed _____ No disturbance /Location never built _____

Access Roads Regraded **Fail** Contoured **Fail** Culverts removed _____

Gravel removed **Fail**

Location and associated production facilities reclaimed _____ Locations, facilities, roads, recontoured _____

Compaction alleviation **Fail** Dust and erosion control _____

Non cropland: Revegetated 80% _____ Cropland: perennial forage **Fail**

Weeds present _____ Subsidence **Fail**

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 **07/08/2017**

Overall Final Reclamation **Fail** Well Release on Active Location Multi-Well Location

COGCC Comments

| Comment | User | Date |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|------------|
| COGCC 1000 series reclamation rules require reclamation activities to be conducted within three months of plugging on cropland. Well was plugged 11/18/2015. All work should have been conducted by 2/18/2015. This may be referred to enforcement. | trujilloam | 12/13/2017 |
| CORRECTIVE ACTION Perform compaction alleviation on location(s) and road and repair subsidence by 7/08/2017. Ensure stabilization controls are in place until permanent vegetation can be established. Establish vegetation with total perennial, non-invasive uniform plant cover of at least eighty (80) percent of pre-disturbance or reference area levels. Use a seed mixture requested by the surface owner to re-establish perennial crop. Ensure erosion controls are implemented to stabilize the seeded soil, and continue to monitor and manage this site until Final Reclamation has passed. Revegetation activities shall be complete no later than 11/15/2017. | trujilloam | 12/13/2017 |
| COMMENT Inspection #682502204 dated 6/8/2017 documented that well location and access road have not been reclaimed in accordance to COGCC 1000 series rules and requirements; compaction concerns identified at well/road, gravel remains, access road and well have not been revegetated, adjacent reference area irrigated cropland. Subsidence issues were also documented at the former battery location. Inspection required operator to perform compaction alleviation on location(s) and access road, and to repair subsidence at battery by 7/8/2017, with revegetation/seeding activities to be completed by 11/15/2017. Follow-up inspection #675103872 dated 8/17/2017 documented that no work has been conducted per the CA on the access road or well, and subsidence issues have not been repaired at battery. As of 12/11/2017, no reclamation activities appear to have been conducted; compaction concerns remain at access road/well location. Access road/well location remains unreclaimed; unable to find evidence that additional revegetation activities have been conducted at access road/well location. Subsidence issues at the battery have not been repaired and has continued to degrade. Original corrective action and corrective action dates remain applicable. | trujilloam | 12/13/2017 |

Attached Documents

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

| Document Num | Description | URL |
|--------------|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 401484902 | INSPECTION SUBMITTED | http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4324989 |
| 682502936 | Inspeicton Photos | http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4324977 |