

**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:           
**Operator Information:**OGCC Operator Number: 69175Name of Operator: PDC ENERGY INCAddress: 1775 SHERMAN STREET - STE 3000City: DENVER State: CO Zip: 80203**Status Summary:**

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

**Findings:**6 Number of Comments1 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: Irrigated hay field; cropland

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: SEE "COGCC COMMENTS" FOR COMMENTS REGARDING RECLAMATION

Corrective Action: SEE "COGCC COMMENTS" FOR CORRECTIVE ACTION AND DATES 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
<b>CORRECTIVE ACTION</b>  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
<b>COMMENT</b>  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	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4324989">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4324989</a>
682502936	Inspection Photos	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4324977">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4324977</a>