

**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:

09/13/2021

Submitted Date:

09/15/2021

Document Number:

697503241

**FIELD INSPECTION FORM**
 Loc ID 327274 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:**

5 Number of Comments

1 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
		phillip.porter@pdce.com	
		cogccinspection@pdce.com	ALL INSPECTIONS

**Inspected Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
246626	WELL	PA	11/03/2017	GW	123-14423	SUCCO GAS UNIT 4-20	RI
452625	TANK BATTERY	AC	10/19/2017		-	Succo GU 4, 43-20 Battery	RI

**General Comment:**

This is a follow up Final Reclamation inspection to FIR Doc.# 682403891. This inspection is also in response to a verbal complaint.

Inspected Facilities									
Facility ID:	<u>246626</u>	Type:	<u>WELL</u>	API Number:	<u>123-14423</u>	Status:	<u>PA</u>	Insp. Status:	<u>RI</u>
Facility ID:	<u>452625</u>	Type:	<u>TANK</u>	API Number:	<u>-</u>	Status:	<u>AC</u>	Insp. Status:	<u>RI</u>

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**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 \_\_\_\_\_

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 Pass No disturbance /Location never built \_\_\_\_\_

Access Roads Regraded \_\_\_\_\_ Contoured \_\_\_\_\_ Culverts removed \_\_\_\_\_

Gravel removed \_\_\_\_\_

Location and associated production facilities reclaimed In Locations, facilities, roads, recontoured \_\_\_\_\_

Compaction alleviation \_\_\_\_\_ Dust and erosion control \_\_\_\_\_

Non cropland: Revegetated 80% Pass Cropland: perennial forage \_\_\_\_\_

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:	<p>Operator has performed the previous corrective action to reclaim the wellhead location. Vegetation meets Rule 1004 standards; however, now there is subsidence. The surface owner stated the subsidence is impacting flood irrigation and not getting irrigation water all the way to the west.</p> <p>Based on historic aerial imagery from 2020 and field observations, crop growth did appear to be stunted out in the western crop field, which is directly west of the subsidence.</p> <p>There were approximately 3, maybe more, flowline potholes that have also subsided within the crop field where agricultural equipment is used.</p>	Date <b>09/13/2021</b>
	<p>Comply with Rule 1004. Collaborate with the landowner to determine mitigating measures that will allow reclamation work to be conducted in such a manner as to not interfere with agricultural activities or crop production. Provide documentation within the FIR Resolution form of when the corrective action work will be completed and provide date and documentation of coordination with surface owner.</p> <p>The corrective date is not intended to be the date for which the Operator shall complete the corrective actions but rather the corrective date is the date the location was observed out of compliance.</p>	
Overall Final Reclamation <b>Fail</b> Well Release on Active Location <input type="checkbox"/> Multi-Well Location <input type="checkbox"/>		

**COGCC Comments**

Comment	User	Date
COGCC staff, Chris Binschus, was responding to a nearby reclamation complaint on the same surface owners land when the surface owner brought up concerns regarding two PDC PA locations.	binschusc	09/15/2021
Note- a final reclamation variance was granted for a portion of the western access road, access road southeast of property owner's house that goes to the former tank battery, and the tank battery.	binschusc	09/15/2021
Tank battery has been utilized for the intended purpose for farm equipment storage. Location has been built upon and stabilized to minimize erosion per Rule 1004.d.		

**Attached Documents**

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

Document Num	Description	URL
697503242	Inspection Photos	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5531687">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5531687</a>