

**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:

02/07/2023

Submitted Date:

02/08/2023

Document Number:

697504496

**FIELD INSPECTION FORM**Loc ID 433548 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:**

9 Number of Comments

4 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
,		cogccinspection@pdce.com	ALL INSPECTIONS
		Zack.Liesenfeld@pdce.com	
Wold, Reed		reed.wold@state.co.us	

**Inspected Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
433548	LOCATION	AC			-	Phelps 12-32NHZ	RI

**General Comment:**

This is an Interim Reclamation and Stormwater Inspection.

**Location**Overall Good: ☐

Emergency Contact Number:

Comment: Corrective Action: Date: **Good Housekeeping:**

Type

WEEDS

Comment: Unmanaged weed where observed within the sediment trap.Corrective Action: Comply with Rule 606.Date: 02/22/2023Overall Good: ☐**Spills:**

Type

Area

Volume

In Containment: No

Comment: ☐ Multiple Spills and Releases?**Venting:**

Yes/No

Comment: Corrective Action: Date: **Flaring:**

Type

Comment: Corrective Action: Date: **Location Construction**Location ID: 433548CDP: Comment: Corrective Action: Date: **Form 2A COAs:****Comment:** Corrective Action: Date: **Wildlife BMPs:****Comment:** Corrective Action: Date: **Stormwater:**

Erosion BMPs

Present

Other BMPs

Present

BERMS	Yes	
Comments: Erosion BMPs: <span style="color: red;">The earthen berm along the southern facility has failed and sediment laden stormwater is discharging off location towards the wetland. Refer to the attached inspection photos.</span>		
Other BMPs: <input type="text"/>		
Corrective Action: <span style="color: red;">Install or repair required BMPs per Rule 1002.f.(2)C. The corrective action date is the date the location was observed out of compliance. It is COGCC's expectation that the corrective action will be addressed immediately.</span>		
		Date: 02/07/2023

	Vehicle Trakcing	Yes
Comments: Erosion BMPs: <span style="color: red;">The vehicle tracking device BMP at the entrance off location off the country road is in need of maintenance. At the time of this inspection, there was no track out observed.</span>		
Other BMPs: <input type="text"/>		
Corrective Action: _____ Date: _____		

**Comment:**

**Corrective Action:**  **Date:** \_\_\_\_\_

### **On Site Inspection (305):**

#### Surface Owner Contact Information:

Name: \_\_\_\_\_ Address: \_\_\_\_\_  
 Phone Number: \_\_\_\_\_ Cell Phone: \_\_\_\_\_

#### Operator Rep. Contact Information:

Landman Name: \_\_\_\_\_ Phone Number: \_\_\_\_\_  
 Date Onsite Request Received: \_\_\_\_\_ Date of Rule 306 Consultation: \_\_\_\_\_

Request LGD Attendance: \_\_\_\_\_

#### LGD Contact Information:

Name: \_\_\_\_\_ Phone Number: \_\_\_\_\_ Agreed to Attend: \_\_\_\_\_

#### Summary of Landowner Issues:

#### Summary of Operator Response to Landowner Issues:

#### Onsite Inspection Memorandum Summarizing Discussions at Inspection as Attachment:



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

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

Land Use: RANGELAND

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? Pass 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? Fail
- 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 The northern portion of the flowline area, adjacent to the sediment trap, is bare soil with no vegetation to stabilize the area. Erosion control blankets were previously used within the flowline area but area no longer functioning. Refer to Photo 6.

Corrective Action Perform reclamation in accordance to Rule 1003. Establish vegetation with total perennial, non-invasive uniform plant cover of at least eighty (80) percent of reference area levels. Use a seed mixture requested by the surface owner, or a mixture prescribed by the local county NRCS. Ensure erosion controls are implemented to stabilize the seeded soil, and continue to monitor and manage this site until the location meets Rule 1003 standards.

Date 05/01/2023

Overall Interim Reclamation Fail

**Final Reclamation/ Abandoned Location:**

Date Final Reclamation Started: \_\_\_\_\_ Date Final Reclamation Completed: \_\_\_\_\_

Final Land Use: RANGELAND

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 \_\_\_\_\_

Non cropland: Revegetated 80% \_\_\_\_\_ 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:						
Corrective Action:						Date
Overall Final Reclamation		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

Comment: Operator submitted a Stormwater Management Plan back on October 2020. The plan was intended to direct stormwater from the facility location into a sediment trap. The earthen berm that was to direct stormwater into the sediment trap has failed and it does not appear that the location was properly graded to allow stormwater to be directed to the sediment trap. It appears that stormwater is pooling along the southern earthen berm leaving ~2/3 of the stormwater from the location not being directed into the sediment trap.

Corrective Action: Operator shall submit a revised Stormwater Management Plan via a Form 4 Sundry that will ensure stormwater is being directed into the sediment trap to protect the adjacent wetland.

Note- Until the Stormwater Management Plan is approved and implemented to direct stormwater into the sediment trap Operator shall install sufficient BMPs to prevent further sediment laden stormwater from discharging off location.

Date: 03/08/2023

**Pits:** ☐ NO SURFACE INDICATION OF PIT

**COGCC Comments**

Comment	User	Date
COGCC Staff had a virtual meeting on 2/8/2023 with the Operator to discuss the observations and potential solutions to addressing the corrective actions.	binschusc	02/08/2023
Once the Stormwater Management Plan has been approved COGCC will communicate via a Condition of Approval when the plan shall be implemented.	binschusc	02/08/2023

**Attached Documents**

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

Document Num	Description	URL
697504497	Inspection Photos	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=6014372">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=6014372</a>