

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

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: 02/22/2023

Overall 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: 433548

CDP: _____

Comment:

Corrective Action:

Date: _____

Form 2A COAs:

Comment:

Corrective Action:

Date: _____

Wildlife BMPs:

Comment:

Corrective Action:

Date: _____

Stormwater:

Erosion BMPs	Present	Other BMPs	Present
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	Vehicle Trakcing	Yes	
Comments: Erosion BMPs:	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.		
Other BMPs:			
Corrective Action:			Date:
BERMS	Yes		
Comments: Erosion BMPs:	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.		
Other BMPs:			
Corrective Action:	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.		Date: 02/07/2023
Comment:			
Corrective Action:			Date: _____
On Site Inspection (305):			
<u>Surface Owner Contact Information:</u>			
Name: _____	Address: _____		
Phone Number: _____	Cell Phone: _____		
<u>Operator Rep. Contact Information:</u>			
Landman Name: _____	Phone Number: _____		
Date Onsite Request Received: _____	Date of Rule 306 Consultation: _____		
Request LGD Attendance: _____			
<u>LGD Contact Information:</u>			
Name: _____	Phone Number: _____	Agreed to Attend: _____	
<u>Summary of Landowner Issues:</u>			
<u>Summary of Operator Response to Landowner Issues:</u>			
<u>Onsite Inspection Memorandum Summarizing Discussions at Inspection as Attachment:</u>			

Inspected Facilities

Facility ID: 433548 Type: LOCATION API Number: - Status: AC Insp. Status: RI

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 _____

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 Multi-Well Location

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
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
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

Attached Documents

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

Document Num	Description	URL
403316322	INSPECTION SUBMITTED	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=6014374
697504497	Inspection Photos	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=6014372