

**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:

11/11/2020

Submitted Date:

11/12/2020

Document Number:

690102144

**FIELD INSPECTION FORM**

Loc ID 323357 Inspector Name: Maclaren, Joe 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:**

- 4 Number of Comments
- 0 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
Brown, Kari		kari.oakman@state.co.us	
Chesson, Robert		robert.chesson@state.co.us	
Schlagenhauf, Mark		mark.schlagenhauf@state.co.us	
		cogccinspection@pdce.com	
		COGCCSpillRemediation@pdce.com	

**Inspected Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
245108	WELL	TA	03/27/2018	OW	123-12903	PAULINE 5	PA
478515	SPILL OR RELEASE	AC	11/11/2020		-	Pauline 5	EG

**General Comment:**

Engineering Integrity inspection performed on November 11th, 2020 in response to initial form 19 spill report Doc #402530079 received by COGCC on 11/10/2020 that outlines: Historic release was discovered during abandonment activities. Release clean-up and delineation operations are underway.

Details of observations made during this field inspection are located in the flowline and comment sections of report. Photos uploaded.

**Inspected Facilities**

Facility ID: 245108 Type: WELL API Number: 123-12903 Status: TA Insp. Status: PA

Facility ID: 478515 Type: SPILL OR API Number: - Status: AC Insp. Status: EG

**Flowline**

#1	Type:Non-Well Site	4 of Lines
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Flowline Description

Flowline Type: Non-Well Site Size: \_\_\_\_\_ Material: Carbon Steel  
 Variance: \_\_\_\_\_ Age: \_\_\_\_\_ Contents: \_\_\_\_\_

Integrity Summary

Failures: \_\_\_\_\_ Spills: \_\_\_\_\_ Repairs Made: \_\_\_\_\_  
 Coatings: \_\_\_\_\_ H2S: \_\_\_\_\_ Cathodic Protection: \_\_\_\_\_

Pressure Testing

Witnessed: \_\_\_\_\_ Test Result: \_\_\_\_\_ Charted: \_\_\_\_\_

COGCC Rules(check all that apply)

1101. Installation and Reclamation  1102. Operations, Maintenance, and Repair  1103. Abandonment

Comment: COGCC Inspector spoke with PDC Energy contractor (Mundt Energy) on site in process of excavating and removing historically impacted soils in the area of the PWV (removed). Tanks and production equipment have been/ are being removed. On location flowlines have been removed. Well (Pauline 5) has been plugged and abandoned. COGCC form 42 notice of start of well plugging operations Doc #402488950 received on 09/14/2020. No flowlines or flowline risers were observed on location at (PA) wellhead or facility/ battery areas during this field inspection. Excavation and remediation activities are in progress.

An open excavation was observed on the west side of location at approximately 40.415305, -104.578014. (4) out of service/ off location flowlines (cut ends) were observed in the west wall of the excavation; (1) 2" CS gas sales line (isolated/ depressurized), (1) 2" CS historically abandoned flowline and (2) 3" CS HA flowlines were exposed in the bellhole. The flowlines have been located/ marked (pinflagged) and trend west in the direction of an OOS gas meter run located adjacent to the east side of WCR 51. Segments of the (4) flowlines (approx. 240 linear ft) have been removed by the contractor between the bellhole east to location. All (4) flowlines are scheduled to be removed in entirety to endpoints located approximately 1500' west and adjacent to the east side of WCR 51. Note: COGCC Inspector spoke with PDC Energy Surface Maintenance Superintendent (Mark Longhurst) on 11/12/2020 in regard to the alignment and intent to remove all (4) off location flowlines.

Corrective Action: \_\_\_\_\_

Date: \_\_\_\_\_

#1	Type:Non-Well Site	4 of Lines
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Flowline Description

Flowline Type: Non-Well Site Size: \_\_\_\_\_ Material: Carbon Steel  
 Variance: \_\_\_\_\_ Age: \_\_\_\_\_ Contents: \_\_\_\_\_

Integrity Summary

Failures: \_\_\_\_\_ Spills: \_\_\_\_\_ Repairs Made: \_\_\_\_\_  
 Coatings: \_\_\_\_\_ H2S: \_\_\_\_\_ Cathodic Protection: \_\_\_\_\_

Pressure Testing

Witnessed: \_\_\_\_\_ Test Result: \_\_\_\_\_ Charted: \_\_\_\_\_

COGCC Rules(check all that apply)

<input type="checkbox"/> 1101. Installation and Reclamation	<input type="checkbox"/> 1102. Operations, Maintenance, and Repair	<input checked="" type="checkbox"/> 1103. Abandonment
<p><b>Comment:</b> COGCC Inspector spoke with PDC Energy contractor (Mundt Energy) on site in process of excavating and removing historically impacted soils in the area of the PWV (removed). Tanks and production equipment have been/ are being removed. On location flowlines have been removed. Well (Pauline 5) has been plugged and abandoned. COGCC form 42 notice of start of well plugging operations Doc #402488950 received on 09/14/2020. No flowlines or flowline risers were observed on location at (PA) wellhead or facility/ battery areas during this field inspection. Excavation and remediation activities are in progress.</p> <p>An open excavation was observed on the west side of location at approximately 40.415305, -104.578014. (4) out of service/ off location flowlines (cut ends) were observed in the west wall of the excavation; (1) 2" CS gas sales line (isolated/ depressurized), (1) 2" CS historically abandoned flowline and (2) 3" CS HA flowlines were exposed in the bellhole. The flowlines have been located/ marked (pinflagged) and trend west in the direction of an OOS gas meter run located adjacent to the east side of WCR 51. Segments of the (4) flowlines (approx. 240 linear ft) have been removed by the contractor between the bellhole east to location. All (4) flowlines are scheduled to be removed in entirety to endpoints located approximately 1500' west and adjacent to the east side of WCR 51. Note: COGCC Inspector spoke with PDC Energy Surface Maintenance Superintendent (Mark Longhurst) on 11/12/2020 in regard to the alignment and intent to remove all (4) off location flowlines.</p>		Date:
Corrective Action:		

<b>COGCC Comments</b>		
Comment	User	Date
<p>Note: There is (1) disconnected/ out of service gas gathering meter adjacent to the east side of WCR 51:</p> <p>The following COGCC final reclamation rule(s) are applicable: COGCC Rule 1004. FINAL RECLAMATION OF WELL SITES AND ASSOCIATED PRODUCTION FACILITIES (partial description of rule) a. Well sites and associated production facilities. Upon the plugging and abandonment of a well, all pits, mouse and rat holes and cellars shall be backfilled. All debris, abandoned gathering line risers and flowline risers, and surface equipment shall be removed within three (3) months of plugging a well.</p>	maclarej	11/12/2020

**Attached Documents**

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

Document Num	Description	URL
690102145	Excavation remediation work at PWV (groundwater)	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5290383">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5290383</a>
690102146	Flowline pipe/ materials removed	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5290384">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5290384</a>
690102147	Bellhole excavation/ off location flowlines	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5290385">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5290385</a>
690102148	OOS gas meter run; view east toward location	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5290386">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5290386</a>