DOCUMENT #2148796

FORM 4 Rev 12/05

State of Colorado
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303)894-2100 Fax:(303)894-2109

DE	ET	OE	ES

RECEIVED 4/30/2014

SUNDRY NOTICE

Submit original plus one copy. This form is to be used for general, technical and environmental sundry Information. For proposed or completed operations, describe in full on Technical Information Page (Page 2 of this form.) Identify well or other facility by API Number or by OGCC Facility ID. Operator shall send an informational copy of all sundry notices for wells located in High Density Areas to the Local Government Designee (Rule 603b.)

1. OGCC Operator Number: 69175
2. Name of Operator: PDC Energy, Inc.
3. Address: 1775 Sherman Street, Suite 300
   City Denver State: CO Zip 80203
4. Contact Name: Brandon Bruns
   Phone: (303) 831-3971
   Fax: (303) 860-5838

5. API Number 05-123-22378 OGCC Facility ID Number
6. Well/Facility Name: Pfenning 43, 44-31 7. Well/Facility Number 05-123-22378
8. Location (QtrQtr, Sec, Twp, Rng, Meridian): SESE S31 T7N R64W 6th PM
9. County: Weld 10. Field Name: Wattenberg
11. Federal, Indian or State Lease Number:

Complete the Attachment Checklist

	OP	OGCC
Survey Plat		
Directional Survey		
Surface Eqpmt Diagram		
Technical Info Page		
Other		

General Notice

☐ CHANGE OF LOCATION: Attach New Survey Plat (a change of surface qtr/qtr is substantive and requires a new permit)

	FNL/FSL		FEL/FWL	
Change of Surface Footage from Exterior Section Lines:				
Change of Surface Footage to Exterior Section Lines:				
Change of Bottomhole Footage from Exterior Section Lines:				
Change of Bottomhole Footage to Exterior Section Lines:				attach directional survey

Bottomhole location Qtr/Qtr, Sec, Twp, Rng, Mer

Latitude Distance to nearest property line Distance to nearest bldg, public rd, utility or RR

Longitude Distance to nearest lease line Is location in a High Density Area (rule 603b)? Yes/No

Ground Elevation Distance to nearest well same formation Surface owner consultation date:

GPS DATA:
Date of Measurement PDOP Reading Instrument Operator's Name

☐ CHANGE SPACING UNIT

Formation	Formation Code	Spacing order number	Unit Acreage	Unit configuration

☐ Remove from surface bond
Signed surface use agreement attached

☐ CHANGE OF OPERATOR (prior to drilling):
Effective Date:
Plugging Bond: ☐ Blanket ☐ Individual

☐ CHANGE WELL NAME NUMBER
From:
To:
Effective Date:

☐ ABANDONED LOCATION:
Was location ever built? ☐ Yes ☐ No
Is site ready for Inspection? ☐ Yes ☐ No
Date Ready for Inspection:

☐ NOTICE OF CONTINUED SHUT IN STATUS
Date well shut in or temporarily abandoned:
Has Production Equipment been removed from site? ☐ Yes ☐ No
MIT required if shut in longer than two years. Date of last MIT

☐ SPUD DATE:

☐ REQUEST FOR CONFIDENTIAL STATUS (6 mos from date casing set)

☐ SUBSEQUENT REPORT OF STAGE, SQUEEZE OR REMEDIAL CEMENT WORK *submit cbl and cement job summaries

Method used	Cementing tool setting/perf depth	Cement volume	Cement top	Cement bottom	Date

☐ RECLAMATION: Attach technical page describing final reclamation procedures per Rule 1004.
Final reclamation will commence on approximately ☐ Final reclamation is completed and site is ready for inspection.

Technical Engineering/Environmental Notice

☐ Notice of Intent
Approximate Start Date:

☒ Report of Work Done
Date Work Completed: 12/27/2013

Details of work must be described in full on Technical Information Page (Page 2 must be submitted.)

☐ Intent to Recomplete (submit form 2)	☐ Request to Vent or Flare	☐ E&P Waste Disposal
☐ Change Drilling Plans	☐ Repair Well	☐ Beneficial Reuse of E&P Waste
☐ Gross Interval Changed?	☐ Rule 502 variance requested	☒ Status Update/Change of Remediation Plans
☐ Casing/Cementing Program Change	☒ Other: Remediation Complete	for Spills and Releases

I hereby certify that the statements made in this form are, to the best of my knowledge, true, correct and complete.

Signed: Brandon Bruns Date: 4-30-14 Email: brandon.bruns@pdce.com

Print Name: Brandon Bruns Title: EHS Professional

COGCC Approved: Title Date:

CONDITIONS OF APPROVAL, IF ANY:

FORM 4 Rev 12/05

TECHNICAL INFORMATION PAGE

FOR OGCC USE ON

1. OGCC Operator Number: 69175 API Number: 05-123-22378
2. Name of Operator: PDC Energy, Inc. OGCC Facility ID #
3. Well/Facility Name: Pfenning 43,44-31 Well/Facility Number: 05-123-22378
4. Location (QtrQtr, Sec, Twp, Rng, Meridian): SESE S31 T7N R64W 6th PM

This form is to be completed whenever a Sundry Notice is submitted requiring detailed report of work to be performed or completed. This form shall be transmitted within 30 days of work completed as a "subsequent" report and must accompany Form 4, page 1.

5. **DESCRIBE PROPOSED OR COMPLETED OPERATIONS**

On September 4, 2008, a historic dump line release was discovered at the Pfenning 43, 44-31 (API # 05-123-22378, Spill Tracking # 1984344, Remediation # 4472) tank battery. The facility is located in the SESE Quarter of Section 31, Township 7 North, and Range 64 West, as illustrated on Figure 1. Between September 4, 2008 and September 8, 2008, PDC contracted LT Environmental, Inc. (LTE) to conduct excavation activities in the release area. Excavation activities successfully mitigated petroleum hydrocarbon impacts in soil. However, analytical results indicated that the groundwater samples (GW01 and GW02) collected from the excavation area exhibited benzene concentrations in exceedance of COGCC Table 910-1 groundwater standards. Soil and groundwater sample locations within the excavation area are illustrated on Figure 2. Soil analytical data is summarized in Table 1. Between September 2008 and April 2011, eight temporary monitoring wells were installed for monitoring and remediation purposes, as illustrated on Figure 3. Subsequent quarterly groundwater monitoring commenced following well installation and samples were submitted for laboratory analysis of benzene, toluene, ethylbenzene, and total xylenes (BTEX). Groundwater analytical results are summarized in Table 2. Monitored natural attenuation was selected as the remedial strategy to address residual dissolved phase hydrocarbon concentrations. In January 2013, Tasman Geosciences (Tasman) inherited site-wide quarterly groundwater monitoring and remediation activities from LTE. During the fourth quarter 2013, four consecutive quarters of constituent concentrations in compliance COGCC regulatory standards were achieved. Groundwater analytical results from the third and fourth quarters 2013 are illustrated on Figure 3. Based on the groundwater analytical results described herein, PDC is requesting a No Further Action determination for this site from the COGCC.