

**FORM**  
**6**  
Rev  
02/20

**State of Colorado**  
**Oil and Gas Conservation Commission**

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



DE	ET	OE	ES
Document Number: 402517253			
Date Received: 10/22/2020			

**WELL ABANDONMENT REPORT**

This form is to be submitted as an Intent to Abandon whenever an abandonment is planned on a borehole. After the abandonment is complete, this form shall again be submitted as a Subsequent Report of the actual work completed. The approved intent shall be valid for six months after the approval date, after that period, a new intent will be required. Attachments required with the Intent to Abandon are wellbore diagrams of the current configuration and the proposed configuration with plugs set. A Subsequent Report of Abandonment shall indicate the actual work completed. Attachments required with a Subsequent Report are a wellbore diagram showing plugs that were set and casing remaining in the hole, the job summaries from all plugging contractors used, including wireline and cementing (third party verification) and any logs that may have been run during abandonment.

OGCC Operator Number: <u>69175</u>	Contact Name: <u>Valerie Danson</u>
Name of Operator: <u>PDC ENERGY INC</u>	Phone: <u>(970) 506-9272</u>
Address: <u>1775 SHERMAN STREET - STE 3000</u>	Fax: _____
City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80203</u>	Email: <u>valerie.danson@pdce.com</u>

**For "Intent" 24 hour notice required,** Name: \_\_\_\_\_ Tel: \_\_\_\_\_  
 COGCC contact: Email: \_\_\_\_\_

Type of Well Abandonment Report:  Notice of Intent to Abandon  Subsequent Report of Abandonment

API Number <u>05-123-22735-00</u>	Well Name: <u>PEIKER</u>	Well Number: <u>42-6</u>
Location: QtrQtr: <u>SENE</u> Section: <u>6</u> Township: <u>6N</u> Range: <u>63W</u> Meridian: <u>6</u>	County: <u>WELD</u> Federal, Indian or State Lease Number: _____	
Field Name: <u>WATTENBERG</u>	Field Number: <u>90750</u>	

*Only Complete the Following Background Information for Intent to Abandon*

Latitude: 40.517347 Longitude: -104.472626  
 GPS Data: GPS Quality Value: 1.3 Type of GPS Quality Value: PDOP Date of Measurement: 09/10/2020  
 GPS Instrument Operator's Name: Devin Arnold

Reason for Abandonment:  Dry  Production Sub-economic  Mechanical Problems  
 Other \_\_\_\_\_

Casing to be pulled:  Yes  No Estimated Depth: \_\_\_\_\_  
 Fish in Hole:  Yes  No If yes, explain details below  
 Wellbore has Uncemented Casing leaks:  Yes  No If yes, explain details below  
 Details: \_\_\_\_\_

**Current and Previously Abandoned Zones**

Formation	Perf. Top	Perf. Btm	Abandoned Date	Method of Isolation	Plug Depth
CODELL	6873	6881	09/23/2020	B PLUG CEMENT TOP	6823
Total: 1 zone(s)					

**Casing History**

Casing Type	Size of Hole	Size of Casing	Weight Per Foot	Setting Depth	Sacks Cement	Cement Bot	Cement Top	Status
SURF	12+1/4	8+5/8	24	718	395	718	0	VISU
1ST	7+7/8	4+1/2	10.5	7,022	155	7,022	6,020	CBL
S.C. 1.1				6,020	290	6,020	2,638	CBL

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6823 with 2 sacks cmt on top. CIBP #2: Depth 6535 with 2 sacks cmt on top.  
 CIBP #3: Depth 2800 with 2 sacks cmt on top. CIBP #4: Depth \_\_\_\_\_ with \_\_\_\_\_ sacks cmt on top.  
 CIBP #5: Depth \_\_\_\_\_ with \_\_\_\_\_ sacks cmt on top.

NOTE: Two(2) sacks cement required on all CIBPs.

Set 110 sks cmt from 1730 ft. to 1447 ft. Plug Type: STUB PLUG Plug Tagged:   
 Set \_\_\_\_\_ sks cmt from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Plug Type: \_\_\_\_\_ Plug Tagged:   
 Set \_\_\_\_\_ sks cmt from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Plug Type: \_\_\_\_\_ Plug Tagged:   
 Set \_\_\_\_\_ sks cmt from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Plug Type: \_\_\_\_\_ Plug Tagged:   
 Set \_\_\_\_\_ sks cmt from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Plug Type: \_\_\_\_\_ Plug Tagged:   
 Perforate and squeeze at \_\_\_\_\_ ft. with \_\_\_\_\_ sacks. Leave at least 100 ft. in casing \_\_\_\_\_ CICR Depth  
 Perforate and squeeze at \_\_\_\_\_ ft. with \_\_\_\_\_ sacks. Leave at least 100 ft. in casing \_\_\_\_\_ CICR Depth  
 Perforate and squeeze at \_\_\_\_\_ ft. with \_\_\_\_\_ sacks. Leave at least 100 ft. in casing \_\_\_\_\_ CICR Depth  
(Cast Iron Cement Retainer Depth)  
 Set 282 sacks half in. half out surface casing from 818 ft. to 0 ft. Plug Tagged:   
 Set \_\_\_\_\_ sacks at surface  
 Cut four feet below ground level, weld on plate Above Ground Dry-Hole Marker:  Yes  No  
 Set \_\_\_\_\_ sacks in rat hole Set \_\_\_\_\_ sacks in mouse hole

### Additional Plugging Information for Subsequent Report Only

Casing Recovered: 1680 ft. of 4+1/2 inch casing Cut and Cap Date: 09/24/2020  
 \*Wireline Contractor: Rocky Mtn Wireline Services \*Cementing Contractor: NexTier Cementing Services  
 Type of Cement and Additives Used: Class G 15.8 PPG Cement  
 Flowline/Pipeline has been abandoned per Rule 1105  Yes  No

Technical Detail/Comments:

Peiker 42-6 (05-123-22735)/Plugging Procedure  
 Producing Formation: Codell: 6873'-6881'

Upper Pierre Aquifer: 560'-1580'

TD: 7040' PBD: 6862' (11/4/2014)  
 Surface Casing: 8 5/8" 24# @ 718' w/ 395 sxs cmt  
 Production Casing: 4 1/2" 10.5# @ 7022' w/ 445 sxs cmt (TOC @ 2638' - CBL)

Procedure:

1. MIRU pulling unit. Pull 2 3/8" tubing.
2. RU wireline company.
3. TIH with CIBP. Set BP at 6823'. Top with 2 sx 15.8#/gal CI G cement. (Top of Codell perms @ 6873')
4. TIH with CIBP. Set BP at 6535'. Top with 2 sx 15.8#/gal CI G cement. (Top of Niobrara @ 6585')
5. TIH with CIBP. Set BP at 2800'. Top with 2 sx 15.8#/gal CI G cement.
6. Run a Strip Log from 1800' to Surface for casing cut verification (log not kept).
7. TIH with casing cutter. Cut 4 1/2" casing @ 1680'. Pull cut casing.
8. TIH with tubing to 1730'. RU cementing company. Mix and pump 110 sx 15.8#/gal CI G cement down tubing. (Stub/Pierre plug from 1680'-1480') TOC tagged at 1447'.
9. Pick up tubing to 818'. Mix and pump 282 sx 15.8#/gal CI G cement down tubing. Cement circulate to surface.
10. Cut surface casing 6' below ground level and weld on cap.

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

Signed: \_\_\_\_\_ Print Name: Valerie Danson  
 Title: Reg Tech Date: 10/22/2020 Email: valerie.danson@pdce.com

Based on the information provided herein, this Well Abandonment Report (Form 6) complies with COGCC Rules and applicable orders and is hereby approved.

COGCC Approved: McFarland, Nick

Date: 3/1/2021

**CONDITIONS OF APPROVAL, IF ANY:**

<u>COA Type</u>	<u>Description</u>

**Attachment List**

<u>Att Doc Num</u>	<u>Name</u>
402517253	FORM 6 SUBSEQUENT SUBMITTED
402517256	CEMENT JOB SUMMARY
402517257	OPERATIONS SUMMARY
402517258	WELLBORE DIAGRAM

Total Attach: 4 Files

**General Comments**

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	GPS location appears accurate on satellite imagery. Ops notice given. Pre-PA BH test filed. Form 7 reporting PA status. Flowline registered. Zones and casing history are consistent with approved intent. Procedure, WBD and tickets are consistent.	03/01/2021

Total: 1 comment(s)