

Document Number:  
402991638

Date Received:

**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: 69175 Contact Name: Valerie Danson  
 Name of Operator: PDC ENERGY INC Phone: (970) 506-9272  
 Address: 1775 SHERMAN STREET - STE 3000 Fax: \_\_\_\_\_  
 City: DENVER State: CO Zip: 80203 Email: valerie.danson@pdce.com

**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 05-123-17369-00  
 Well Name: BOOTH Well Number: 25-14  
 Location: QtrQtr: SENE Section: 25 Township: 5N Range: 67W Meridian: 6  
 County: WELD Federal, Indian or State Lease Number: 59789  
 Field Name: WATTENBERG Field Number: 90750

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

Latitude: 40.371892 Longitude: -104.835275  
 GPS Data: GPS Quality Value: 4.7 Type of GPS Quality Value: \_\_\_\_\_ Date of Measurement: 03/02/2007

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	7499	7509	12/28/2021	B PLUG CEMENT TOP	7449

Total: 1 zone(s)

**Casing History**

Casing Type	Size of Hole	Size of Casing	Grade	Wt/Ft	Csg/Liner Top	Setting Depth	Sacks Cmt	Cmt Btm	Cmt Top	Status
SURF	12+1/4	8+5/8	J55	24	0	494	360	494	0	VISU
1ST	7+7/8	4+1/2	J55	11.6	0	7648	300	7648	6685	CBL
S.C. 1.1						2130	292	2130	456	CBL

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7449 with 2 sacks cmt on top. CIBP #2: Depth 7062 with 2 sacks cmt on top.  
CIBP #3: Depth 2100 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 \_\_\_\_\_ sks cmt from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Plug Type: \_\_\_\_\_ Plug Tagged:   
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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 265 sacks half in. half out surface casing from 1653 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: 445 ft. of 4+1/2 inch casing

Surface Plug Setting Date: 12/29/2021 Cut and Cap Date: 04/21/2022 Number of Days from Setting Surface Plug to Capping or Sealing the Well: 113

\*Wireline Contractor: SureFire Wireline Services

\*Cementing Contractor: DUCO Inc. 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:

Booth 25-14 (05-123-17369)/Plugging Procedure

Producing Formation: Codell: 7499'-7509'

Upper Pierre Aquifer: 580'-1540'

TD: 7652' PBTD: 7600' (4/28/2000)

Surface Casing: 8 5/8" 24# @ 494' w/ 360 sxs cmt

Production Casing: 4 1/2" 11.6# @ 7648' w/ 300 sxs cmt (TOC @ 6685' - CBL)

Anfill: Squeeze holes @ 1200', w/ 292 sxs cmt from 2130'-456'

Other in Hole: Packer @ 1496'

Procedure:

1. MIRU. Unset packer and POOH with tubing.
2. RU wireline company
3. TIH with CIBP. Set BP at 7449'. Top with 2 sxs 15.8#/gal CI G cement. (Top of Codell perms @ 7499')
4. TIH with CIBP. Set BP at 7062'. Top with 2 sxs 15.8#/gal CI G cement. (Top of Niobrara @ 7112')
5. Ran a Strip Log from 2500' to Surface.
6. TIH with CIBP. Set BP at 2100'. Top with 2 sxs 15.8#/gal CI G cement.
7. TIH with casing cutter. Cut 4 1/2" casing @ 445'. Pull cut casing.
8. TIH with tubing to 1653'. RU cementing company. Mix and pump 265 sxs 15.8#/gal CI G cement down tubing. Cement circulate to surface.
9. Well casing cut and capped per COGCC guidelines at a depth as not to interfere with soil cultivation.

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 Analyst

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

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: \_\_\_\_\_

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

**CONDITIONS OF APPROVAL, IF ANY:**

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

**Attachment List**

<u>Att Doc Num</u>	<u>Name</u>
402991653	CEMENT BOND LOG
402991658	CEMENT JOB SUMMARY
402991660	OPERATIONS SUMMARY
402991663	WELLBORE DIAGRAM
403033799	OTHER

Total Attach: 5 Files

**General Comments**

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
		Stamp Upon Approval

Total: 0 comment(s)