

FORM
6Rev
11/20

State of Colorado

Oil and Gas Conservation Commission

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



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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☐ OtherCasing to be pulled: ☐ Yes ☐ No Estimated Depth:Fish in Hole: ☐ Yes ☐ No If yes, explain details belowWellbore 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: ☐
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 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)

Annfll: 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:

COA Type

Description

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Attachment List

Att Doc Num

Name

402991653	CEMENT BOND LOG
402991658	CEMENT JOB SUMMARY
402991660	OPERATIONS SUMMARY
402991663	WELLBORE DIAGRAM
403033799	OTHER

Total Attach: 5 Files

General Comments

User Group

Comment

Comment Date

		Stamp Upon Approval
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Total: 0 comment(s)