

FORM

6

Rev  
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



DE ET OE ES

Document Number:

403029312

Date Received:

05/26/2022

## 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 05-123-24976-00

Well Name: HURST

Well Number: 7-20

Location: QtrQtr: NWNE

Section: 20

Township: 5N

Range: 66W

Meridian: 6

County: WELD

Federal, Indian or State Lease Number:

Field Name: WATTENBERG

Field Number: 90750

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

Latitude: 40.389256

Longitude: -104.800936

GPS Data: GPS Quality Value: 2.4 Type of GPS Quality Value: PDOP Date of Measurement: 06/08/2009

Reason for Abandonment:


☐ Production Sub-economic

☐ Mechanical Problems

☐ Other

Casing to be pulled:



Estimated Depth:

Fish in Hole:



If yes, explain details below

Wellbore has Uncemented Casing leaks:



If yes, explain details below

Details:

## Current and Previously Abandoned Zones

Formation	Perf. Top	Perf. Btm	Abandoned Date	Method of Isolation	Plug Depth
NIOBRARA-CODELL	7156	7498	02/07/2022	B PLUG CEMENT TOP	7106

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	832	530	832	0	VISU
1ST	7+7/8	4+1/2	J55	11.6	0	7638	875	7638	995	CBL

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7106 with 2 sacks cmt on top. CIBP #2: Depth 2500 with 2 sacks cmt on top.  
 CIBP #3: Depth \_\_\_\_\_ with \_\_\_\_\_ 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 26 sks cmt from 1684 ft. to 1335 ft. Plug Type: CASING Plug Tagged: ☐  
 Set 120 sks cmt from 1060 ft. to 727 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: ☐

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 235 sacks half in. half out surface casing from 655 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: 950 ft. of 4+1/2 inch casing Number of Days from Setting Surface Plug  
 Surface Plug Setting Date: 02/08/2022 Cut and Cap Date: 05/12/2022 to Capping or Sealing the Well: 93

\*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:

Hurst 7-20 (05-123-24976) / Plugging Procedure  
 Producing Formations: Niobrara/Codell: 7156'-7498'

Upper Pierre Aquifer: 530'-1500'

Deepest Water Well: 95'

TD: 7650' PBTD: 7567' (4/23/2009)

Surface Casing: 8 5/8" 24# @ 832' w/ 530 sxs cmt

Production Casing: 4 1/2" 11.6# @ 7638' w/ 875 sxs (TOC @ 995' - CBL)

#### Procedure:

1. MIRU. Pull tubing if present.
2. RU wireline company.
3. TIH with CIBP. Set BP at 7106'. Top with 2 sxs 15.8#/gal CI G cement. (Top of Nio perms @ 7156')
4. TIH with CIBP. Set BP at 2500'. Top with 2 sxs 15.8#/gal CI G cement.
5. Ran a CBL from 1200' to Surface.
6. TIH with casing cutter. Cut 4 1/2" casing @ 950'. Pull cut casing.
7. TIH with tubing to 1684'. RU cementing company. Mix and pump 26 sxs 15.8#/gal CI G cement down tubing. (Pierre Coverage from 1665'-1335') TOC at 1335'.
8. TIH with tubing to 1060'. Mix and pump 120 sxs 15.8#/gal CI G cement down tubing. (Stub plug from 1050'-732') TOC tagged at 727'.
9. Pick up with tubing to 655'. Mix and pump 235 sxs 15.8#/gal CI G cement down tubing. Cement circulate to surface.
10. 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: 5/26/2022 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: Jacobson, Eric Date: 8/18/2022

**CONDITIONS OF APPROVAL, IF ANY:**

**Condition of Approval**

**COA Type**

**Description**

0 COA	

**Attachment List**

**Att Doc Num**

**Name**

403029312	FORM 6 SUBSEQUENT SUBMITTED
403029342	CEMENT BOND LOG
403029346	CEMENT JOB SUMMARY
403029348	OPERATIONS SUMMARY
403029353	WELLBORE DIAGRAM
403060983	OTHER

Total Attach: 6 Files

**General Comments**

**User Group**

**Comment**

**Comment Date**

		Stamp Upon Approval
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Total: 0 comment(s)