

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



DE ET OE ES

Document Number:

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Date Received:

03/20/2022

## 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 05-123-24724-00

Well Name: WIEDEMAN

Well Number: 29-29

Location: QtrQtr: NWSW

Section: 29

Township: 4N

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: 40.281110

Longitude: -104.808810

GPS Data: GPS Quality Value: 4.8

Type of GPS Quality Value: PDOP

Date of Measurement: 12/10/2007

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 |
|-----------------|-----------|-----------|----------------|---------------------|------------|
| NIOBRARA-CODELL | 7034      | 7354      | 12/08/2021     | B PLUG CEMENT TOP   | 6984       |

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             | 461           | 330       | 461     | 0       | VISU   |
| 1ST         | 7+7/8        | 4+1/2          | J55   | 11.6  | 0             | 7474          | 926       | 7474    | 1325    | CBL    |

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6984 with 2 sacks cmt on top. CIBP #2: Depth 4795 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 17 sks cmt from 2524 ft. to 2300 ft. Plug Type: CASING 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 1370 ft. with 31 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 122 sacks half in. half out surface casing from 1230 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: \_\_\_\_\_ ft. of \_\_\_\_\_ inch casing

Surface Plug Setting Date: 12/09/2021 Cut and Cap Date: 03/08/2022 Number of Days from Setting Surface Plug to Capping or Sealing the Well: 89

\*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:

Wiedeman 29-29 (05-123-24724)/Plugging Procedure  
Producing Formation: Niobrara/Codell: 7034'-7354'

Upper Pierre Aquifer: 360'-1370'

TD: 7485' PBTD: 7420.75' (1/5/17)

Surface Casing: 8 5/8" 24# @ 461' w/ 330 sxs cmt

Production Casing: 4 1/2" 11.6# @ 7474' w/ 926 sxs (TOC @ 1450' - CBL)

#### Procedure:

1. MIRU pulling unit. Pull 2 3/8" Tubing.
2. RU wireline company.
3. TIH with CIBP. Set BP at 6984'. Top with 2 sx 15.8#/gal CI G cement. (Top of Nio perms @ 7034')
4. TIH with CIBP. Set BP at 4795'. Top with 2 sx 15.8#/gal CI G cement. (Top of Shannon @ 4845')
5. Ran a CBL from 4200' to Surface. Showed cement from 2350'-2300', 1670'-1600', and also cement from 1520'- 1450'. Contacted the State and moved forward with the approved procedure change.
6. TIH with perf gun. Shoot perms at 1370'.
7. TIH with tubing to 2524'. RU cementing company. Mix and pump 17 sxs 15.8#/gal CI G cement down tubing. (Coverage from 2550'-2300') TOC at 2300'.
8. TIH with tubing to 1483'. Sting in and pump 31 sxs 15.8#/gal CI G cement down tubing and through perms at 1370'. (Pierre coverage from 1470'-1270') TOC tagged at 1231'.
9. Pick up with tubing to 1230'. Mix and pump 122 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: 3/20/2022 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: 8/3/2022

**CONDITIONS OF APPROVAL, IF ANY:**

**Condition of Approval**

**COA Type**

**Description**

|       |  |
|-------|--|
|       |  |
| 0 COA |  |

**Attachment List**

**Att Doc Num**

**Name**

|           |                             |
|-----------|-----------------------------|
| 402976790 | FORM 6 SUBSEQUENT SUBMITTED |
| 402976806 | CEMENT BOND LOG             |
| 402976807 | CEMENT JOB SUMMARY          |
| 402976808 | OPERATIONS SUMMARY          |
| 402979806 | OTHER                       |
| 402979830 | WELLBORE DIAGRAM            |
| 402989457 | OTHER                       |

Total Attach: 7 Files

**General Comments**

**User Group**

**Comment**

**Comment Date**

|  |  |                     |
|--|--|---------------------|
|  |  | Stamp Upon Approval |
|--|--|---------------------|

Total: 0 comment(s)