

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

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402657883

Date Received:

04/14/2021

## 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 05-123-25221-00

Well Name: WIEDEMAN

Well Number: 21-B

Location: QtrQtr: SWSW

Section: 21

Township: 5N

Range: 67W

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: 40.381253

Longitude: -104.902953

GPS Data: GPS Quality Value: 2.5 Type of GPS Quality Value: Date of Measurement: 07/23/2007

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
J SAND	7608	7622	02/19/2021	B PLUG CEMENT TOP	7558

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	546	430	546	0	VISU
1ST	7+7/8	4+1/2	J55	10.5	0	7772	245	7772	6206	CBL
S.C. 1.1						4936	230	4936	2690	CBL

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7558 with 2 sacks cmt on top. CIBP #2: Depth 6742 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 100 sks cmt from 2550 ft. to 2300 ft. Plug Type: STUB PLUG Plug Tagged: ☐  
 Set 100 sks cmt from 1470 ft. to 1270 ft. Plug Type: OPEN HOLE 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 400 sacks half in. half out surface casing from 746 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: 2500 ft. of 4+1/2 inch casing Number of Days from Setting Surface Plug to Capping or Sealing the Well: 9  
 Surface Plug Setting Date: 02/22/2021 Cut and Cap Date: 03/03/2021

\*Wireline Contractor: Rocky Mtn 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 21-B (05-123-25221)/Plugging Procedure  
 Producing Formation: J-Sand: 7608'-7622'  
 Upper Pierre Aquifer: 400'-1370'  
 TD: 7777' PBTD: 7736' (7/13/2007)  
 Surface Casing: 8 5/8" 24# @ 546' w/ 430 sxs cmt  
 Production Casing: 4 1/2" 10.5# @ 7772' w/ 475 sxs cmt (TOC @ 2690' - CBL)

#### Procedure:

1. MIRU pulling unit. Pull 2 3/8" tubing.
2. RU wireline company.
3. TIH with CIBP. Set BP at 7558'. Top with 2 sxs 15.8#/gal CI G cement. (Top of J-Sand perms @ 7608')
4. TIH with CIBP. Set BP at 6742'. Top with 2 sxs 15.8#/gal CI G cement. (Top of Niobrara @ 6792')
5. Ran a Strip Log from 2600' to Surface (for casing cut verification, log not kept).
6. TIH with casing cutter. Cut 4 1/2" casing @ 2500'. Pull cut casing.
7. TIH with tubing to 2550'. RU cementing company. Mix and pump 100 sxs 15.8#/gal CI G cement down tubing. (Stub plug from 2550'-2300') TOC at 2300'.
8. Wait a sufficient time to confirm static conditions. If at any time after placing this plug there is evidence of pressure or fluid migration, contact engineering before continuing operations
9. TIH with tubing to 1470'. Mix and pump 100 sxs 15.8#/gal CI G cement down tubing. (Pierre coverage from 1470'-1270') TOC at 1270'.
10. Pick up tubing to 746'. Mix and pump 400 sxs 15.8#/gal CI G cement down tubing. Cement circulate to surface.
11. 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: 4/14/2021

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: 9/21/2021

**CONDITIONS OF APPROVAL, IF ANY:****Condition of Approval****COA Type****Description**

0 COA

**Attachment List****Att Doc Num****Name**

402657883	FORM 6 SUBSEQUENT SUBMITTED
402657918	CEMENT JOB SUMMARY
402657919	CEMENT JOB SUMMARY
402657921	OTHER
402657922	OPERATIONS SUMMARY
402657923	WELLBORE DIAGRAM
402657924	WIRELINE JOB SUMMARY

Total Attach: 7 Files

**General Comments****User Group****Comment****Comment Date**

		Stamp Upon Approval
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Total: 0 comment(s)