

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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Replug By Other Operator

Document Number:

402684950

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: Santistevan, Brittani

Tel: (720) 471-1110

COGCC contact:

Email: brittani.santistevan@state.co.us

Type of Well Abandonment Report: ☒ Notice of Intent to Abandon ☐ Subsequent Report of Abandonment

API Number 05-123-05377-00

Well Name: FRED HOFFNER

Well Number: 1

Location: QtrQtr: NWNE

Section: 14

Township: 7N

Range: 66W

Meridian: 6

County: WELD

Federal, Indian or State Lease Number:

Field Name: WILDCAT

Field Number: 99999

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

Latitude: 40.580650

Longitude: -104.742160

GPS Data: GPS Quality Value: 1.5 Type of GPS Quality Value: PDOP Date of Measurement: 04/13/2021

Reason for Abandonment: ☐ Dry ☐ Production Sub-economic ☐ Mechanical Problems☒ Other This is a Re-Entry P&A for PDC's Market/Sherman development.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

Total: 0 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	396	250	396	0	VISU

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth \_\_\_\_\_ with \_\_\_\_\_ sacks cmt on top. CIBP #2: Depth \_\_\_\_\_ with \_\_\_\_\_ 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	237	sks cmt from	7050	ft. to	6550	ft.	Plug Type: OPEN HOLE	Plug Tagged: <input checked="" type="checkbox"/>
Set	237	sks cmt from	3500	ft. to	3000	ft.	Plug Type: OPEN HOLE	Plug Tagged: <input type="checkbox"/>
Set	100	sks cmt from	1770	ft. to	1570	ft.	Plug Type: OPEN HOLE	Plug Tagged: <input checked="" type="checkbox"/>
Set		sks cmt from		ft. to		ft.	Plug Type: _____	Plug Tagged: <input type="checkbox"/>
Set		sks cmt from		ft. to		ft.	Plug Type: _____	Plug Tagged: <input type="checkbox"/>

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 375 sacks half in. half out surface casing from 730 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 Number of Days from Setting Surface Plug to Capping or Sealing the Well: \_\_\_\_\_  
 Surface Plug Setting Date: \_\_\_\_\_ Cut and Cap Date: \_\_\_\_\_

\*Wireline Contractor: \_\_\_\_\_ \*Cementing Contractor: \_\_\_\_\_

Type of Cement and Additives Used: \_\_\_\_\_

Flowline/Pipeline has been abandoned per Rule 1105 ☐ Yes ☐ No

Technical Detail/Comments:

Fred Hoffner 1 (05-123-05377)/Re-Enter to Re-Plug Procedure (Intent)  
 Abandoned Formation: N/A DA well (11/16/1963)  
 Upper Pierre Aquifer: 630'-1670'  
 Deepest Water Well: 300'  
 TD: 9343'  
 Surface Casing: 8 5/8" 24# @ 396' w/ 250 sxs cmt  
 Open Hole: 7 7/8"??? @ 9343' (Open Hole OD is assumed)  
 Existing Plugs: 396'-315' (25 sx cmt), 48' to surface (15 sx cmt)  
 Proposed Procedure:  
 1. Dig out to find wellhead and check pressure.  
 2. Cut cap off, extend surface pipe to achieve ground level.  
 3. MIRU WO unit, ND wellhead, NU BOP, tally all pipe to be ran in well.  
 4. Mill cement, cement btm is assumed to be 396' at base of surface casing.  
 5. Wash run down to Niobrara @ 7097' or depth that well allows.  
 6. PU tubing to 7050'. RU cementing company. Mix and pump 237 sxs 15.8#/gal CI G cement down tubing (Coverage from 7050'-6550'). PU tubing above plug and SI well. (Top of Niobrara @ 7097')  
     a. Wait 4 hours and tag plug  
 7. PU tubing to 3500'. RU cementing company. Mix and pump 237 sxs 15.8#/gal CI G cement down tubing (Coverage from 3500'-3000').  
 8. PU tubing to 1770'. RU cementing company. Mix and pump 100 sxs 15.8#/gal CI G cement down tubing (Pierre Aquifer coverage from 1770'-1570'). PU tubing above plug and SI well.  
     a. Wait 4 hours and tag plug  
 9. PU tubing to 730'. RU cementing company. Mix and pump 375 sxs 15.8#/gal CI G cement down tubing. Cement should circulate to surface.  
 10. RDMO WO unit. Remove extension of surface pipe.  
 11. Weld on cap with ID plate, inscribed with well location, and identity. Backfill, clean location. Re-Entry complete.

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: \_\_\_\_\_

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:** \_\_\_\_\_

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

**COA Type**

**Description**

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**Attachment List**

**Att Doc Num**

**Name**

402684951	WELLBORE DIAGRAM
402684952	WELLBORE DIAGRAM
402684953	LOCATION PHOTO
402684954	SURFACE OWNER CONSENT
402684955	SURFACE OWNER CONSENT

Total Attach: 5 Files

**General Comments**

**User Group**

**Comment**

**Comment Date**

		Stamp Upon Approval
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Total: 0 comment(s)