

FORM  
6Rev  
12/05State 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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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: Jenifer Hakkarinen

Name of Operator: PDC ENERGY INC

Phone: (303) 8605800

Address: 1775 SHERMAN STREET - STE 3000

Fax:

City: DENVER State: CO Zip: 80203

Email: Jenifer.Hakkarinen@pdce.com

For "Intent" 24 hour notice required,

Name: Duran, Alicia

Tel: (970) 370-1281

COGCC contact:

Email: alicia.duran@state.co.us

API Number 05-123-13668-00

Well Name: MARK

Well Number: 14-35

Location: QtrQtr: SESW Section: 35 Township: 4N Range: 65W Meridian: 6

County: WELD

Federal, Indian or State Lease Number: 67949

Field Name: WATTENBERG

Field Number: 90750

☒ Notice of Intent to Abandon☐ Subsequent Report of Abandonment

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

Latitude: 40.263611

Longitude: -104.632778

GPS Data:

Date of Measurement: 01/14/2010

PDOP Reading: 2.6

GPS Instrument Operator's Name: Brandon Lucason

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	6764	6932	01/10/2018	B PLUG CEMENT TOP	6714
CODELL	7051	7062	04/02/2008	B PLUG CEMENT TOP	7030

Total: 2 zone(s)

## Casing History

Casing Type	Size of Hole	Size of Casing	Weight Per Foot	Setting Depth	Sacks Cement	Cement Bot	Cement Top	Status
SURF	12+1/4	8+5/8	24	302	230	302	0	VISU
1ST	7+7/8	4+1/2	15.1	7,187	220	7,187	6,204	CBL
S.C. 1.1				4,730	135	4,730	4,090	CBL
S.C. 1.2				500	187	500	0	CBL

### 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 \_\_\_\_\_ 50 \_\_\_\_\_ sks cmt from \_\_\_\_\_ 600 \_\_\_\_\_ ft. to \_\_\_\_\_ 0 \_\_\_\_\_ 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 \_\_\_\_\_ 2540 \_\_\_\_\_ ft. with \_\_\_\_\_ 170 \_\_\_\_\_ sacks. Leave at least 100 ft. in casing \_\_\_\_\_ 2255 \_\_\_\_\_ 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 \_\_\_\_\_ sacks half in. half out surface casing from \_\_\_\_\_ ft. to \_\_\_\_\_ 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

Plugging Date: \_\_\_\_\_

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

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

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

Flowline/Pipeline has been abandoned per Rule 1103 ☐ Yes ☐ No

\*ATTACH JOB SUMMARY

Technical Detail/Comments:

Mark 14-35 (05-123-13668)/Plugging Procedure (Intent)  
Producing Formation: Niobrara: 6764'-6932' Codell: 7051'-7062'  
Upper Pierre Aquifer: 2340'-2440'  
TD: 7217' PBTD: 6685'  
Surface Casing: 8 5/8" 24# @ 302' w/ 230 sxs  
Production Casing: 4 1/2" 15.1# @ 7187' w/ 220 sxs cmt (TOC @ 6204' - CBL). Existing CIBP @ 7030' w/ 2 sxs cmt. Existing CIBP @ 6714' w/ 2 sxs cmt. Existing annular fill w/ 135 sxs cmt from 4730'-4090'. Existing annular fill w/ 187 sxs from 500'-Surface.  
Tubing: 2 3/8" tubing set @ 6340' (1/16/2018).  
Proposed Procedure:  
1. MIRU pulling unit. Pull 2 3/8" tubing.  
2. RU wireline company.  
3. Shoot lower squeeze holes at 2540'. Shoot upper squeeze holes at 2240'.  
4. Set CICR at 2255'. RU cementing company. Sting in and pump 160 sxs 15.8#/gal CI G cement. Sting out and pump 10 sxs on top of CICR.  
5. Pick up tubing to 600'. Mix and pump 50 sxs 15.8#/gal CI G cement down tubing. Cement should circulate to surface.  
6. 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: Jenifer Hakkarinen  
Title: Reg Tech Date: \_\_\_\_\_ Email: Jenifer.Hakkarinen@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 Check List**

**Att Doc Num** **Name**

401538794	WELLBORE DIAGRAM
401538795	WELLBORE DIAGRAM

Total Attach: 2 Files

**General Comments**

**User Group** **Comment**

**Comment Date**

		Stamp Upon Approval
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Total: 0 comment(s)