

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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## 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: Kelsi Welch
Name of Operator: PDC ENERGY INC	Phone: (303) 831-3974
Address: 1775 SHERMAN STREET - STE 3000	Fax:
City: DENVER State: CO Zip: 80203	Email: kelsi.welch@pdce.com
For "Intent" 24 hour notice required, Name: Tel:	
COGCC contact: Email:	

API Number 05-123-11963-00	Well Number: 20-1
Well Name: BROWN	
Location: QtrQtr: NWNW Section: 20 Township: 4N Range: 67W Meridian: 6	
County: WELD	Federal, Indian or State Lease Number: 65447
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: 40.304310	Longitude: -104.920690
GPS Data:	
Date of Measurement: 10/26/2007	PDOP Reading: 2.8
GPS Instrument Operator's Name: Holly L. Tracy	
Reason for Abandonment: <input type="checkbox"/> Dry <input type="checkbox"/> Production Sub-economic <input type="checkbox"/> Mechanical Problems	
<input type="checkbox"/> Other	
Casing to be pulled: <input type="checkbox"/> Yes <input type="checkbox"/> No	Estimated Depth:
Fish in Hole: <input type="checkbox"/> Yes <input type="checkbox"/> No	If yes, explain details below
Wellbore has Uncemented Casing leaks: <input type="checkbox"/> Yes <input type="checkbox"/> No	If yes, explain details below
Details:	

## Current and Previously Abandoned Zones

Formation	Perf. Top	Perf. Btm	Abandoned Date	Method of Isolation	Plug Depth
CODELL	7252	7262	07/22/2015	B PLUG CEMENT TOP	6900
NIOBRARA	6945	7038	07/22/2015	BRIDGE PLUG	6900

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	321	260	321	0	VISU
1ST	6+3/4	2+7/8	6.7	7,344	1,260	7,344	250	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 10 sks cmt from 6615 ft. to 6260 ft. Plug Type: CASING Plug Tagged: ☐  
Set 60 sks cmt from 523 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: ☐

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 \_\_\_\_\_ 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: 11/05/2015

\*Wireline Contractor: STS

\*Cementing Contractor: Sanjel

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

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

\*ATTACH JOB SUMMARY

Technical Detail/Comments:

Brown 20-1 (05-123-11963)/Plugging Procedure  
Producing Formation: Niobrara - Codell  
Existing Perforations: Niobrara: 6945'-7038' Codell: 7252'-7262'  
TD: 7350' PBD: 7300'  
Surface Casing: 8" 24# @ 321' w/ unknown sks cmt.  
Production Casing: 2" 6.7# @ 7344' w/ 1260 sks cmt (TOC 6260' and 250').

Existing CIBP: at 6900' with 2 sks cement.

Proposed Procedure:

1. MIRU pulling unit.
2. TIH with tubing to 6615'. RU cementers. Mix and pump 10 sks of 15.8#/gal CI G cement in 2" casing to 6260'.
3. TIH with perf gun shoot squeeze holes @ 100'
4. TIH with 1 1/4' workstring to 523'. Mix and pump 60 sks of 15.8#/gal CI G cement in 2" casing. Cement 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: Kelsi Welch

Title: Regulatory Analyst

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

Email: kelsi.welch@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:**

**COA Type**

**Description**

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**Attachment Check List**

**Att Doc Num**

**Name**

400969923	WELLBORE DIAGRAM
400969924	CEMENT JOB SUMMARY

Total Attach: 2 Files

**General Comments**

**User Group**

**Comment**

**Comment Date**

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Total: 0 comment(s)