

Document Number:  
400642005

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: Christine Brookshire  
 Name of Operator: PDC ENERGY INC Phone: (303) 860-5800  
 Address: 1775 SHERMAN STREET - STE 3000 Fax: (303) 860-5838  
 City: DENVER State: CO Zip: 80203 Email: christine.brookshire@pdce.com

**For "Intent" 24 hour notice required,** Name: Rickard, Jeffrey Tel: (303) 8942100  
**COGCC contact:** Email: jeffrey.rickard@state.co.us

API Number 05-123-12947-00 Well Number: 28-4  
 Well Name: MCCARTY  
 Location: QtrQtr: SENW Section: 28 Township: 4N Range: 67W Meridian: 6  
 County: WELD Federal, Indian or State Lease Number: 68108  
 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: 40.285640 Longitude: -104.898140  
 GPS Data:  
 Date of Measurement: 10/21/2010 PDOP Reading: 1.7 GPS Instrument Operator's Name: Steve Cure  
 Reason for Abandonment:  Dry  Production for 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
CODELL	7335	7341	03/15/2014		
NIOBRARA	7025	7194	03/15/2014		

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	310	310	310	0	
1ST	7+7/8	2+7/8	6.4	7,475	360	7,475	0	

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6975 with 2 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 5785 ft. to 5680 ft. Plug Type: OPEN HOLE Plug Tagged:   
Set 175 sks cmt from 4028 ft. to 3480 ft. Plug Type: STUB PLUG 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 600 sacks half in. half out surface casing from 716 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 Plugging Date: 03/15/2014  
\*Wireline Contractor: Nabors \*Cementing Contractor: Baker Hughes  
Type of Cement and Additives Used: G&E, Econocem  
Flowline/Pipeline has been abandoned per Rule 1103  Yes  No \*ATTACH JOB SUMMARY

#### Technical Detail/Comments:

Plugging Procedure  
Existing Perforations:  
Niobrara: 7025'-7194'  
Codell: 7335-7341'  
PBTD: 7343'  
8 5/8" 24# @ 310' W/ 310 sks cmt.  
2 7/8" 6.4# @ 7475' w/ 360 sks cmt  
Procedure:  
1)MIRU Workover Rig  
2)Pull production tubing  
3)MIRU wireline  
4)RIH w/CIBP set @ 6975'  
5)RIH w/dump bailer and dump 2 sx cement on top of CIBP  
6)RIH w/casing cutter, cut & pull casing @ ~5800'  
7)TIH set 50 sack plug @ casing stub (5785'-5680')  
8)TIH to tag stub plug  
9)TOH to set 175 sack plug @ Parkman/Sussex (4028'-3480')  
10)TOH and set 600 sack cement plug 716' to surface  
11)Set 10 sx @ top of surface  
12)Cut casing 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: Christine Brookshire  
Title: Regulatory Tech Date: \_\_\_\_\_ Email: christine.brookshire@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:** \_\_\_\_\_

### **Attachment Check List**

<b><u>Att Doc Num</u></b>	<b><u>Name</u></b>
400642051	CEMENT JOB SUMMARY
400642053	WIRELINE JOB SUMMARY
400642057	WELLBORE DIAGRAM
400642059	CEMENT BOND LOG

Total Attach: 4 Files

### **General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>

Total: 0 comment(s)