

FORM  
6Rev  
12/05

## 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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400812518

Date Received:

03/20/2015

## 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: Rickard, Jeff

Tel: (720) 305-8280

COGCC contact:

Email: jeffrey.rickard@state.co.us

API Number 05-123-23101-00

Well Name: CERVI

Well Number: 41-26

Location: QtrQtr: NENE Section: 26 Township: 4N Range: 63W Meridian: 6

County: WELD

Federal, Indian or State Lease Number:

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: 40.289060

Longitude: -104.397940

GPS Data:

Date of Measurement: 10/30/2006

PDOP Reading: 2.6

GPS Instrument Operator's Name: Holly L. Tracy

Reason for Abandonment:

☐ Dry☒ Production for Sub-economic☐ Mechanical Problems☐ OtherCasing to be pulled: ☒ Yes☐ No

Estimated Depth: 2075

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    | 6617      | 6623      |                |                     |            |

Total: 1 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              | 450           | 315          | 450        | 0          | VISU   |
| 1ST         | 7+7/8        | 4+1/2          | 10.5            | 6,744         | 175          | 6,744      | 6,000      | CBL    |
| S.C. 1.1    |              |                |                 | 6,000         | 265          | 6,000      | 2,076      | CBL    |

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6565 with 25 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 65 sks cmt from 3400 ft. to 4200 ft. Plug Type: CASING Plug Tagged: ☒

Set 50 sks cmt from 1950 ft. to 2150 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 200 sacks half in. half out surface casing from 600 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: \_\_\_\_\_

\*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:

Plugging Procedure  
Codell  
Existing Perforations:  
Codell: 6617'-6623'  
PBSD: 6814'  
8 5/8" 24# @ 450' w/ 315 sks cmt  
4 1/2" 10.5# @ 6744' w/ 440 sks cmt (TOC @ 2076')  
Procedure:  
1. MIRU wireline  
2. RIH set CIBP @ 6565'  
3. RIH w/dump bailer and dump 25 sx cement on top of CIBP @ 6565' to cover 50' above Niobrara (6295'-6565')  
4. TOH set 65 sk balance plug @ Parkmen/Sussex (3400'-4200')  
5. RIH w/ casing cutter, cut @ 2075'  
6. TIH set 50 sk stub plug (1950'-2150')  
7. TOH and set 200 sack cement plug half in half out of surface casing from 600' to surface  
8. 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: Jenifer Hakkarinen

Title: Regulatory Tech Date: 3/20/2015 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: JENKINS, STEVE Date: 3/26/2015

**CONDITIONS OF APPROVAL, IF ANY:**

Expiration Date: 9/25/2015

**COA Type****Description**

|  |   |
|--|---|
|  | Note changes to plugging procedure:<br>1) Provide 48 hour notice of plugging MIRU via electronic Form 42.<br>2) For 600' plug: pump plug and displace. If surface casing plug is not circulated to surface then tag plug – must be 350' or shallower and provide 10 sx plug at the surface. Leave at least 100' cement in the casing for each plug.<br>3) Properly abandon flowlines as per Rule 1103. File electronic Form 42 once abandonment complete. |
|--|---|

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

|           |                         |
|-----------|-------------------------|
| 400812518 | FORM 6 INTENT SUBMITTED |
| 400812528 | WELLBORE DIAGRAM        |
| 400812529 | WELLBORE DIAGRAM        |

Total Attach: 3 Files

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

|        |  |                         |
|--------|--|-------------------------|
| Permit | Well Completion Report dated 3/2/2006. | 3/23/2015<br>1:39:35 PM |
|--------|--|-------------------------|

Total: 1 comment(s)