

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:

04/14/2015

## 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: Tel:

COGCC contact:

Email:

API Number 05-123-12099-00

Well Name: CONQUEST/HOLTON

Well Number: 8-13

Location: QtrQtr: SENE Section: 13 Township: 5N Range: 65W Meridian: 6

County: WELD

Federal, Indian or State Lease Number: 62482

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: 40.400833

Longitude: -104.603889

GPS Data:

Date of Measurement: 05/03/2010

PDOP Reading: 1.8

GPS Instrument Operator's Name: Chuck Kraft

Reason for Abandonment: ☐ Dry ☐ Production Sub-economic ☐ Mechanical Problems☐ OtherCasing to be pulled: ☐ Yes ☐ No Estimated Depth:Fish in Hole: ☐ Yes ☐ No If yes, explain details belowWellbore 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    | 6901      | 6908      | 10/22/2013     | B PLUG CEMENT TOP   | 6550       |
| NIOBRARA  | 6608      | 6738      | 10/22/2013     | B PLUG CEMENT TOP   | 6550       |

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       | 9+5/8          | 36              | 319           | 300          | 319        | 0          | CALC   |
| 1ST         | 7+7/8        | 4+1/2          | 11.6            | 7,020         | 180          | 7,020      | 6,045      | CBL    |

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6550 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 3997 ft. to 2914 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 500 ft. with 150 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: 10/24/2013

\*Wireline Contractor: Nabors

\*Cementing Contractor: Halliburton

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  
Niobrara  
Existing Perforations:  
Codell: 6901-6908'  
Niobrara: 6608-6738'  
PBTD: 6806'  
9 5/8" 36# @ 319' w/ 300 sks cmt.  
4 1/2" 11.6# @ 7020' w/ 1800 sks RFC cmt (TOC RFC 6045')  
\* CIBP/2sks- Set at 6550' on 10/22/2013  
Procedure:  
1. MIRU wireline  
2. TIH set 50 sack plug at 3997'  
3' Shoot squeeze holes at 500'  
4. TIH set 150 sack plug at 500'  
5. Cut surface and production casing at 6' below surface.  
6. Cover from cut casing to surface.

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: 4/14/2015 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: 1/5/2017

**CONDITIONS OF APPROVAL, IF ANY:**

**COA Type**

**Description**

|  |  |
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|  |  |
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**Attachment Check List**

**Att Doc Num**

**Name**

|           |                             |
|-----------|-----------------------------|
| 400825227 | FORM 6 SUBSEQUENT SUBMITTED |
| 400825244 | WELLBORE DIAGRAM            |

Total Attach: 2 Files

**General Comments**

**User Group**

**Comment**

**Comment Date**

|        |  |            |
|--------|--|------------|
| Permit | Requested cement tickets for plugging work.  | 06/21/2016 |
|        | Operator supplies cement tickets which are being scanned into well file. 06/23/2016. |            |

Total: 1 comment(s)