

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



DE ET OE ES

Document Number:

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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: <u>69175</u>   | Contact Name: <u>Venessa Langmacher</u>   |
| Name of Operator: <u>PDC ENERGY INC</u>  | Phone: <u>(303) 318-6102</u>              |
| Address: <u>1775 SHERMAN STREET - STE 3000</u>   | Fax: <u>(303) 831-3988</u>                |
| City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80203</u>   | Email: <u>venessa.langmacher@pdce.com</u> |
| <b>For "Intent" 24 hour notice required,</b> Name: <u>Rickard, Jeff</u> Tel: <u>(720) 305-8280</u> |   |
| <b>COGCC contact:</b> Email: <u>jeffrey.rickard@state.co.us</u>                                    |   |

|   |                           |
|---|---------------------------|
| API Number <u>05-123-12572-00</u>   | Well Number: <u>32-18</u> |
| Well Name: <u>FRICK</u>   |                           |
| Location: QtrQtr: <u>SWNE</u> Section: <u>18</u> Township: <u>4N</u> Range: <u>64W</u> Meridian: <u>6</u> |                           |
| County: <u>WELD</u> Federal, Indian or State Lease Number: <u>67175</u>                                   |                           |
| Field Name: <u>WATTENBERG</u> Field Number: <u>90750</u>  |                           |

 Notice of Intent to Abandon       Subsequent Report of Abandonment

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

|   |  |
|---|--|
| Latitude: <u>40.314220</u>  | Longitude: <u>-104.591500</u>  |
| GPS Data:   |  |
| Date of Measurement: <u>10/17/2008</u>  | PDOP Reading: <u>2.2</u> GPS Instrument Operator's Name: <u>Holly L. Tracy</u> |
| Reason for Abandonment: <input type="checkbox"/> Dry <input checked="" type="checkbox"/> Production for Sub-economic <input type="checkbox"/> Mechanical Problems |  |
| <input type="checkbox"/> Other _____  |  |
| Casing to be pulled: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No  | Estimated Depth: <u>6330</u>   |
| Fish in Hole: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   | If yes, explain details below  |
| Wellbore has Uncemented Casing leaks: <input type="checkbox"/> Yes <input checked="" 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           | 7031      | 7038      |                |                     |            |
| NIOBRARA         | 6760      | 6928      |                |                     |            |
| 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              | 350           | 250          | 350        | 0          | CALC   |
| 1ST         | 7+7/8        | 4+1/2          | 11.6            | 7,160         | 160          | 7,160      | 6,380      | CALC   |

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6710 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 6230 ft. to 6430 ft. Plug Type: STUB PLUG Plug Tagged:   
Set 200 sks cmt from 3500 ft. to 4900 ft. Plug Type: OPEN HOLE 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 0 ft. to 550 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:

Procedure:  
1. MIRU wireline  
2. RIH set CIBP @ 6710'  
3. RIH w/dump bailer and dump 2 sks cement on top of CIBP @ 6710'  
4. RIH w/ casing cutter, cut casing @ 6330'  
5. TIH set 50 sk stub plug @ casing stub (6230'-6430')  
6. TOH set 200 sack balance plug @ Parkman/Sussex (3500'-4900')  
7. TOH and set 200 sack cement plug half in half out of surface casing from 550' 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: Venessa Langmacher  
Title: Senior Regulatory Tech Date: \_\_\_\_\_ Email: venessa.langmacher@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: \_\_\_\_\_

## Attachment Check List

| <u>Att Doc Num</u> | <u>Name</u>      |
|--------------------|------------------|
| 400886664          | WELLBORE DIAGRAM |
| 400886665          | WELLBORE DIAGRAM |

Total Attach: 2 Files

## General Comments

| <u>User Group</u> | <u>Comment</u> | <u>Comment Date</u> |
|-------------------|----------------|---------------------|
|                   |                |                     |

Total: 0 comment(s)