

**FORM**  
**6**  
Rev  
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:<br>400747251 |    |    |    |
| Date Received:<br>12/09/2014  |    |    |    |

**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>Jenfier Hakkarinen</u>   |
| Name of Operator: <u>PDC ENERGY INC</u>  | Phone: <u>(303) 8605800</u>               |
| Address: <u>1775 SHERMAN STREET - STE 3000</u>   | Fax: _____                                |
| City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80203</u>   | Email: <u>Jenifer.Hakkarinen@pdce.com</u> |
| <b>For "Intent" 24 hour notice required,</b> Name: <u>Rains, Bill</u> Tel: <u>(970) 590-6480</u> |   |
| <b>COGCC contact:</b> Email: <u>bill.rains@state.co.us</u>                                       |   |

|   |   |                           |
|---|---|---------------------------|
| API Number <u>05-123-19436-00</u>   | Well Name: <u>STATE 6525</u>                        | Well Number: <u>33-32</u> |
| Location: QtrQtr: <u>NWSE</u> Section: <u>32</u> Township: <u>6N</u> Range: <u>63W</u> Meridian: <u>6</u> |   |                           |
| County: <u>WELD</u>   | Federal, Indian or State Lease Number: <u>59424</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: 40.441110 Longitude: -104.458440

GPS Data:  
Date of Measurement: 07/02/2007 PDOP Reading: 1.9 GPS Instrument Operator's Name: Holly L. Tracy

Reason for Abandonment:  Dry     Production for Sub-economic     Mechanical Problems  
 Other \_\_\_\_\_

Casing to be pulled:  Yes     No    Estimated Depth: 3570

Fish in Hole:  Yes     No    If yes, explain details below

Wellbore has Uncemented Casing leaks:  Yes     No    If yes, explain details below

Details: PDC moved to well to preform MIT, found holes in casing. Set cast iron bridge plug with 2 sx of cement. See doc#400633076

**Current and Previously Abandoned Zones**

| Formation | Perf. Top | Perf. Btm | Abandoned Date | Method of Isolation | Plug Depth |
|-----------|-----------|-----------|----------------|---------------------|------------|
| CODELL    | 6776      | 6786      |                |                     |            |

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              | 315           | 220          | 315        | 0          |        |
| 1ST         | 7            | 3+1/2          | 9.2             | 6,911         | 310          | 6,911      | 3,580      |        |

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6684 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 3000 ft. to 3600 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:   
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 150 sacks half in. half out surface casing from 480 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: 6776'-6786'  
PBSD: 7006'  
8 5/8" 24# @ 315' w/ 220 sks cmt  
3 1/2" 9.2# @ 6911' w/ 310 sks cmt (TOC @ 3580')  
Procedure:  
1. MIRU wireline  
2. RIH tag plug at @ 6684'  
3. RIH w/dump bailer, bail 2 sx of cement on top of plug  
4. RIH w/ casing cutter, cut @ 3570'  
5. TIH set 50 sack stub plug @ casing stub (3000'-3600')  
6. TOH and set 150 sack cement plug half in half out of surface casing from 480' to surface  
7. 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: 12/9/2014 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: HICKEY, MIKE Date: 12/17/2014

| <u>COA Type</u> | <u>Description</u>  |
|-----------------|---|
|                 | 1) Submit Form 42 electronically to COGCC 48 hours prior to MIRU.<br>2) For 480' plug: pump plug and displace. If cement is not circulated to surface, shut-in, WOC 4 hours and tag plug – must be 265' or shallower. Leave at least 100' of cement in the wellbore for each plug.<br>3) Properly abandon flowlines as per Rule 1103. Once properly abandoned, file electronic form 42.<br>4) Operator must provide well location GPS coordinates on Subsequent Report of Abandonment in accordance with COGCC As-Built Location Policy and Rule 215. |

**Attachment Check List**

| <u>Att Doc Num</u> | <u>Name</u>             |
|--------------------|-------------------------|
| 400747251          | FORM 6 INTENT SUBMITTED |
| 400748673          | WELLBORE DIAGRAM        |
| 400748674          | WELLBORE DIAGRAM        |

Total Attach: 3 Files

**General Comments**

| <u>User Group</u> | <u>Comment</u>                           | <u>Comment Date</u>      |
|-------------------|--|--------------------------|
| Permit            | Well Completion Report dated 12/22/1997. | 12/11/2014<br>4:16:22 PM |

Total: 1 comment(s)