

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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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: 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: Gomez, Jason

Tel: (970) 573-1277

**COGCC contact:**

Email: jason.gomez@state.co.us

API Number 05-123-15268-00

Well Name: IRVING

Well Number: 1-26

Location: QtrQtr: NWSW Section: 26 Township: 6N Range: 66W Meridian: 6

County: WELD

Federal, Indian or State Lease Number: 55576

Field Name: BRACEWELL

Field Number: 7487

☒ Notice of Intent to Abandon☐ Subsequent Report of Abandonment

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

Latitude: 40.458056

Longitude: -104.751111

GPS Data:

Date of Measurement: 01/21/2010

PDOP Reading: 1.9

GPS Instrument Operator's Name: Brandon Lucason

Reason for Abandonment:

☐ Dry☒ Production for Sub-economic☐ Mechanical Problems☐ Other

Casing to be pulled:

☒ Yes☐ No

Estimated Depth: 6000

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    | 7154      | 7164      |                |                     |            |

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              | 325           |              | 325        | 0          |        |
| 1ST         | 7+7/8        | 4+1/2          | 11.6            | 7,302         | 175          | 7,302      | 6,192      |        |

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7101 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 6050 ft. to 5836 ft. Plug Type: STUB PLUG Plug Tagged: ☒

Set 368 sks cmt from 4866 ft. to 3562 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 175 sacks half in. half out surface casing from 610 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

Surface Csg: 8-5/8" – 24# - Set @ 325' w/ TOC @ surface.

Production Csg: 4-1/2" – 11.6# - Set @ 7,302' w/ 175 sxs.

CBL TOC @ 6,192'

1) MIRU WO rig.

2) Make sure well is dead.

3) RU WL unit.

4) PU csg cutter.

5) RIH and cut 4-1/2" production csg @ 6,000'.

6) POOH w/ cutter and RD WL.

7) POOH w/ cut section of csg.

8) RU cmt services.

9) RIH and spot 50 sxs of cmt from 6,050' to 5,836'.

10) TOH and spot a 368 sx balance plug from 4,866' to 3,562' (covering the Sussex/Parkman).

11) TOH and spot 175 sxs from 610' to surface.

12) WOC.

13) Top remaining cmt off.

14) Cut and weld cap.

15) RDMO service units.

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: \_\_\_\_\_

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:

Date: \_\_\_\_\_

**CONDITIONS OF APPROVAL, IF ANY:** \_\_\_\_\_

Expiration Date: \_\_\_\_\_

### **Attachment Check List**

**Att Doc Num**

**Name**

|           |                  |
|-----------|------------------|
| 400810871 | WELLBORE DIAGRAM |
| 400810872 | WELLBORE DIAGRAM |

Total Attach: 2 Files

### **General Comments**

**User Group**

**Comment**

**Comment Date**

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Total: 0 comment(s)