

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

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Date Received:

07/07/2015

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 05-123-13868-00

Well Name: OSTER

Well Number: 10-3

Location: QtrQtr: SENE Section: 10 Township: 4N Range: 67W Meridian: 6

County: WELD

Federal, Indian or State Lease Number: 67829

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: 40.327610

Longitude: -104.869390

GPS Data:

Date of Measurement: 04/02/2008

PDOP Reading: 2.1

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: 5840

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 |
|-----------------|-----------|-----------|----------------|---------------------|------------|
| NIORRARA-CODELL | 6839 | 7235 | | | |

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 | 303 | 270 | 303 | 0 | VISU |
| 1ST | 7+7/8 | 2+7/8 | 6.4 | 7,298 | 450 | 7,298 | 5,890 | CBL |

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6785 with 1 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 5690 ft. to 5890 ft. Plug Type: STUB PLUG Plug Tagged: ☒
Set 390 sks cmt from 3300 ft. to 4625 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 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
Niobara/Codell
Existing Perforations:
Niobrara/Codell: 6839'-7235'
PBSD: 7286'
8 5/8" 36# @ 303 w/ 270 sks cmt
2 7/8" 6.4# @ 7298' w/ 450 sks cmt (TOC @ 5890')
Procedure:
1. MIRU wireline
2. RIH set CIBP @ 6785'
3. RIH w/dump bailer and dump 1 sk cement on top of CIBP @ 6785'
4. RIH w/ casing cutter, cut casing @ 5840'
5. TIH set 50 sk stub plug @ casing stub (5690'-5890')
6. TOH and set 390 sack plug to cover the Parkman/Sussex (3300'-4625')
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: 7/7/2015 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: 7/14/2015

CONDITIONS OF APPROVAL, IF ANY:

Expiration Date: 1/13/2016

COA Type**Description**

| | |
|--|---|
| | Note changes to plugging procedure: 1) Provide 48 hour notice of plugging MIRU via electronic Form 42. 2) For 600' plug: pump plug and displace. If surface casing plug is not circulated to surface then tag plug – must be 203' or shallower and provide 10 sx plug at the surface. Leave at least 100' cement in the casing for each plug. 3) Properly abandon flowlines as per Rule 1103. File electronic Form 42 once abandonment complete. |
|--|---|

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

| | |
|-----------|-------------------------|
| 400864043 | FORM 6 INTENT SUBMITTED |
| 400864046 | WELLBORE DIAGRAM |
| 400864047 | WELLBORE DIAGRAM |

Total Attach: 3 Files

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

| | | |
|--------|--|-------------------------|
| Permit | Well Completion Report dated 4/14/1988 | 7/13/2015 2:06:24 PM |
|--------|--|-------------------------|

Total: 1 comment(s)