

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

Document Number:

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Date Received:

03/30/2016

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: Kelsi Welch

Name of Operator: PDC ENERGY INC

Phone: (303) 831-3974

Address: 1775 SHERMAN STREET - STE 3000

Fax:

City: DENVER State: CO Zip: 80203

Email: kelsi.welch@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 05-123-19306-00

Well Name: GAMEWELL

Well Number: 34-3

Location: QtrQtr: NENE Section: 34 Township: 5N Range: 64W Meridian: 6

County: WELD

Federal, Indian or State Lease Number: 63833

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: 40.361111

Longitude: -104.528611

GPS Data:

Date of Measurement: 12/01/2009

PDOP Reading: 2.4

GPS Instrument Operator's Name: James Bernal

Reason for Abandonment: ☐ Dry☒ Production Sub-economic☐ Mechanical Problems☐ OtherCasing to be pulled: ☒ Yes☐ No

Estimated Depth: 570

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 | 6820 | 6834 | | | |
| NIOBRARA | 6581 | 6700 | | | |

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 | 364 | 300 | 364 | 0 | VISU |
| 1ST | 7+7/8 | 4+1/2 | 13.5 | 6,965 | 160 | 6,965 | 5,980 | CBL |

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6790 with 2 sacks cmt on top. CIBP #2: Depth 6530 with 2 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 _____ 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: ☐
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 220 sacks half in. half out surface casing from 620 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:

Gamewell 34-3 (05-123-19306)/Plugging Procedure (Intent)
Producing Formation: Niobrara 6581'-6700' Codell 6820'-6834'
TD: 6965' PBDT: 6937'
Surface Casing: 8" 24# @ 364' w/ 300 sks cmt.
Production Casing: 4½" 13.5# @ 6965' w/ 160 sks cmt (TOC 5980'CBL).

Tubing: 2" 4.7# J55 EUE set at 6807'. (4/10/2015)

Proposed Procedure:

1. MIRU RU pulling unit. Pull 2" tubing.
2. RU wireline company. TIH with CIBP. Set bridge plug at 6790'. TIH with dump bailer. Spot 2 sxs cement on top of CIBP.
3. TIH with CIBP. Set bridge plug at 6530'. TIH with dump bailer. Spot 2 sxs cement on top of CIBP.
4. TIH with casing cutter. Cut 4½" casing at 570'. Pull ½" casing.
5. TIH with tubing to 620'. Mix and pump 220 sxs of 15.8#/gal CI G cement. Cement should circulate to surface.
6. Cut surface casing 6' below ground level 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: Kelsi Welch

Title: Regulatory Analyst Date: 3/30/2016 Email: kelsi.welch@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: 4/6/2016

COA Type**Description**

| | |
|--|---|
| | Note changes to plugging procedure: 1) Provide 48 hour notice of plugging MIRU via electronic Form 42. 2) For the 620' plug: pump plug and displace. If surface casing plug is not circulated to surface then tag plug – must be at 264' or shallower and provide 10 sx plug at the surface. Leave at least 100' of cement in the casing for each plug. 3) Properly abandon flowlines as per Rule 1103. File electronic Form 42 once abandonment complete. |
| | 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**Att Doc Num****Name**

| | |
|-----------|-------------------------|
| 401009751 | FORM 6 INTENT SUBMITTED |
| 401018425 | WELLBORE DIAGRAM |
| 401018426 | WELLBORE DIAGRAM |

Total Attach: 3 Files

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

| | | |
|-------------|---|----------------------|
| Permit | Well Completion Report dated 5/29/1997. | 4/6/2016 8:24:05 AM |
| Permit | Need to get more accurate GPS data. Niobrara not listed on zones or WBD's | 3/22/2016 1:04:26 PM |
| Public Room | Document verification complete 03/21/16 | 3/21/2016 3:01:15 PM |

Total: 3 comment(s)