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400851953

Date Received:
06/11/2015

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: Montoya, John Tel: (970) 397-4124

COGCC contact: Email: john.montoya@state.co.us

API Number 05-123-22595-00

Well Name: BECKER Well Number: 5

Location: QtrQtr: NENW Section: 5 Township: 3N Range: 64W Meridian: 6

County: WELD Federal, Indian or State Lease Number: _____

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: 40.258152 Longitude: -104.579491

GPS Data:
Date of Measurement: 12/20/2009 PDOP Reading: 2.2 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: _____

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	7052	7064	05/18/2015	B PLUG CEMENT TOP	6680
NIOBRARA	6760	6916	05/18/2015	B PLUG CEMENT TOP	6680

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	614	470	614	0	VISU
1ST	7+7/8	4+1/2	11.6	7,143	600	7,143	0	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6880 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 4500 ft. to 3850 ft. Plug Type: CASING 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 80 sacks half in. half out surface casing from 900 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:

Becker 5 (05-123-22595)/Plugging Procedure (Intent)
Producing formation: Niobrara-Codell
Existing Perforations: Niobrara 6760'-6916"; Codell 7052'-7064'
TD: 7199' PBD: 7134'
Surface Casing: 8 5/8" 24# @ 614' w/ 470 sks cmt.
Production Casing: 4 1/2" 11.6# @ 7143' w/ 600 sks cmt (TOC 0').

Existing CIBP: 6680' w/ 2 sks cement.

Proposed Procedure:

1. MIRU. Reset production tubing to 4500'. RU cementers. Mix and spot 50 sxs of 15.8#/gal CI G cement from 4500' to 3850'.
2. Reset tubing to 900'. Mix and pump 80 sxs of 15.8#/gal CI G cement. Cement should circulate.
3. Cut 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: Jenifer Hakkarinen
Title: Regulatory Tech Date: 6/11/2015 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: SCHLAGENHAUF, MARK Date: 6/19/2015

COA Type

Description

	<p>1) Submit Form 42 electronically to COGCC 48 hours prior to MIRU. 2) Submit contractor and operator reports verifying setting of CIBP w/ cmt cap @ 6680' on 5/18/2015 48 hours prior to MIRU. 3) For 900' plug: pump plug and displace, shut-in, WOC 4 hours and tag plug – must be 564' or shallower. If shoe plug not circulated to surface then place 10-40 sx inside casing at surface. Leave at least 100' for each plug. 4) Properly abandon flowlines as per Rule 1103. File electronic Form 42 once abandonment complete.</p>
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Attachment Check List

Att Doc Num

Name

400851953	FORM 6 INTENT SUBMITTED
400851974	WELLBORE DIAGRAM
400851975	WELLBORE DIAGRAM

Total Attach: 3 Files

General Comments

User Group

Comment

Comment Date

Permit	Well Completion Report dated 03/30/2005.	6/15/2015 8:32:04 AM
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Total: 1 comment(s)