

FORM
6Rev
05/18State 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:

401721224

Date Received:

08/01/2018

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: Tel:

COGCC contact:

Email:

API Number 05-123-11996-00

Well Name: VON FELDT

Well Number: 1-25B

Location: QtrQtr: SWSW Section: 25 Township: 3N Range: 65W 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: 40.191640

Longitude: -104.617690

GPS Data:

Date of Measurement: 10/23/2010

PDOP Reading: 2.0

GPS Instrument Operator's Name: Steve Cure

Reason for Abandonment: ☐ Dry ☐ Production Sub-economic ☐ Mechanical Problems☐ OtherCasing to be pulled: ☐ Yes ☐ No Estimated Depth:Fish in Hole: ☐ Yes ☐ No If yes, explain details belowWellbore 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
SUSSEX	4422	4464	02/14/2008	SQUEEZED	4714
NIOBRARA	6854	6942	06/25/2018	B PLUG CEMENT TOP	6804
CODELL	7084	7096	06/25/2018	B PLUG CEMENT TOP	6804
J SAND	7532	7562	02/21/2008	B PLUG CEMENT TOP	7300

Total: 4 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	412	280	412	0	VISU
1ST	7+7/8	4+1/2	11.6	7,638	450	7,638	6,210	CBL
S.C. 1.1				4,714	350	4,714	4,164	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7300 with 2 sacks cmt on top. CIBP #2: Depth 6804 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 50 sks cmt from 4858 ft. to 4200 ft. Plug Type: CASING Plug Tagged: ☐
Set 150 sks cmt from 1933 ft. to 1500 ft. Plug Type: STUB PLUG Plug Tagged: ☐
Set 320 sks cmt from 823 ft. to 0 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: ☐

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 _____ sacks half in. half out surface casing from _____ ft. to _____ 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: 1800 ft. of 4+1/2 inch casing Plugging Date: 06/25/2018

*Wireline Contractor: _____ *Cementing Contractor: _____

Type of Cement and Additives Used: 15.8 PPG CL G NEAT

Flowline/Pipeline has been abandoned per Rule 1105 ☐ Yes ☐ No *ATTACH JOB SUMMARY

Technical Detail/Comments:

Von Feldt 1-25B (05-123-11996)/Plugging Procedure
Producing Formation: Sussex: 4422'-4464' Niobrara: 6854'-6942' Codell: 7084'-7096' J-Sand: 7532'-7562'
Upper Pierre Aquifer: 672'-1635'
TD: 7660' PBTD: 7228'
Surface Casing: 8 5/8" 24# @ 412' w/ 280 sxs
Production Casing: 4 1/2" 11.6# @ 7638' w/ 450 sxs cmt (TOC @ 6210' - CBL). Cement squeeze w/ perf @ 4714' & 350 sxs cmt (4714'-4164' - CBL). Sand plug @ 7400'. CIBP @ 7300' w/ 2 sxs cmt.

Procedure:

1. MIRU pulling unit. Pull 2 3/8" tubing.
2. RU wireline company.
3. TIH with CIBP. Set BP at 6804'. Top with 2 sxs 15.8#/gal CI G cement.
4. TIH with tubing to 4858'. RU cementing company. Mix and pump 50 sxs 15.8#/gal CI G cement down tubing to 4200'. TOOH with tubing.
5. TIH with casing cutter. Cut 4 1/2" casing at 1800'. Pull cut casing.
6. TIH with tubing to 1933'. Mix and pump 150 sxs 15.8#/gal CI G cement w/ 2% CaCl down tubing (coverage from 1933'-1500').
7. Pick up tubing to 823'. Mix and pump 320 sxs 15.8#/gal CI G cement down tubing. Cement to surface.
8. 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: Jenifer Hakkarinen
Title: Reg Tech Date: 8/1/2018 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: Jacobson, Eric Date: 1/4/2019

CONDITIONS OF APPROVAL, IF ANY:

COA Type Description

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Attachment Check List

Att Doc Num Name

401721224	FORM 6 SUBSEQUENT SUBMITTED
401721242	WELLBORE DIAGRAM
401721248	CEMENT JOB SUMMARY

Total Attach: 3 Files

General Comments

User Group Comment Comment Date

Engineer	CBL during plugging No CBL kept during plugging	12/13/2018
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Total: 1 comment(s)