

FORM
6Rev
05/18

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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Document Number:

402040207

Date Received:

05/10/2019

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: Valerie Danson

Name of Operator: PDC ENERGY INC

Phone: (970) 506-9272

Address: 1775 SHERMAN STREET - STE 3000

Fax:

City: DENVER State: CO Zip: 80203

Email: valerie.danson@pdce.com

For "Intent" 24 hour notice required,

Name:

Tel:

COGCC contact:

Email:

API Number 05-123-10955-00

Well Name: DABCO

Well Number: 1

Location: QtrQtr: SWNW Section: 6 Township: 4N Range: 65W Meridian: 6

County: WELD

Federal, Indian or State Lease Number: 63214

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: 40.343279

Longitude: -104.713202

GPS Data:

Date of Measurement: 06/18/2010

PDOP Reading: 2.1

GPS Instrument Operator's Name: Shantell Kling

Reason for Abandonment:

☐ Dry☐ Production 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
NIOBRARA	6826	7036	04/09/2019	B PLUG CEMENT TOP	6776
CODELL	7140	7152	11/03/2008	B PLUG CEMENT TOP	7090

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	371	300	371	0	VISU
1ST	7+7/8	4+1/2	11.6	7,260	225	7,260	6,596	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6776 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 <u>255</u>	sks cmt from <u>1616</u>	ft. to <u>898</u>	ft.	Plug Type: <u>STUB PLUG</u>	Plug Tagged: <input type="checkbox"/>
Set <u>266</u>	sks cmt from <u>575</u>	ft. to <u>0</u>	ft.	Plug Type: <u>OPEN HOLE</u>	Plug Tagged: <input type="checkbox"/>
Set _____	sks cmt from _____	ft. to _____	ft.	Plug Type: _____	Plug Tagged: <input type="checkbox"/>
Set _____	sks cmt from _____	ft. to _____	ft.	Plug Type: _____	Plug Tagged: <input type="checkbox"/>
Set _____	sks cmt from _____	ft. to _____	ft.	Plug Type: _____	Plug Tagged: <input type="checkbox"/>

Perforate and squeeze at 4600 ft. with 170 sacks. Leave at least 100 ft. in casing 4315 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: 1500 ft. 4+1/2 inch casing Cut and Cap Date: 04/12/2019
 of _____

*Wireline Contractor: Ranger Energy Services *Cementing Contractor: C&J Energy Services

Type of Cement and Additives Used: Class G 15.8 PPG Cement & Type III 14.8 PPG Portland Cement

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

Technical Detail/Comments:

Dabco 1 (05-123-10955) Plugging Procedure
 Producing Formation: Codell: 7140'-7152' Niobrara: 6826'-7036'
 Upper Pierre Aquifer: 280'-1360'
 TD: 7270' PBTD: 7085'

Surface Casing: 8 5/8" 24# @ 371' w/ 300 sxs
 Production Casing: 4 1/2" 11.6# @ 7260' w/ 225 sxs cmt (TOC @ 6596' - CBL).
 Existing CIBP @ 7090' w/ 1 sxs cmt (11/3/2008).

Procedure:

1. Run gyro survey.
2. MIRU pulling unit. Pull 2 3/8" tubing.
3. RU wireline company.
4. TIH with tubing and tagged existing CIBP at 7090'. State Representative was present, gave approval to proceed without spotting more cement on top of the existing plug.
5. TIH with CIBP. Set BP at 6776'. Top with 2 sxs 15.8#/gal CI G cement.
6. Run CBL 6700' to Surface.
7. TIH with perforation gun. Shoot lower squeeze holes at 4600' for Sussex coverage. Shoot upper squeeze holes at 4300'.
8. Set CICR at 4315'. RU cementing company. Sting in and pump 170 sxs 15.8#/gal CI G cement. Sting out and pump 10 sxs on top of CICR. TOC at 4183'.
9. TIH with casing cutter. Cut 4 1/2" casing at 1500'. Pull cut casing.
10. TIH with tubing to 1616'. RU cementing company. Mix and pump 255 sxs 14.8#/gal Type III cement down tubing (Pierre coverage from 1615'-1200'). TOC at 898'.
11. Pick up tubing to 575'. Mix and pump 266 sxs 14.8#/gal Type III cement down tubing. Cement circulate to surface.
12. 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: Valerie Danson
Title: Reg Tech Date: 5/10/2019 Email: valerie.danson@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: 2/24/2020

CONDITIONS OF APPROVAL, IF ANY:

COA Type Description

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Attachment Check List

Att Doc Num Name

402040207	FORM 6 SUBSEQUENT SUBMITTED
402040228	CEMENT BOND LOG
402040246	CEMENT JOB SUMMARY
402040250	WELLBORE DIAGRAM

Total Attach: 4 Files

General Comments

User Group Comment Comment Date

		Stamp Upon Approval
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Total: 0 comment(s)