

**FORM**  
**6**  
Rev  
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



DE	ET	OE	ES
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**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: <u>69175</u>	Contact Name: <u>Valerie Danson</u>
Name of Operator: <u>PDC ENERGY INC</u>	Phone: <u>(970) 506-9272</u>
Address: <u>1775 SHERMAN STREET - STE 3000</u>	Fax: _____
City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80203</u>	Email: <u>valerie.danson@pdce.com</u>

**For "Intent" 24 hour notice required,** Name: \_\_\_\_\_ Tel: \_\_\_\_\_  
 COGCC contact: Email: \_\_\_\_\_

API Number <u>05-123-10955-00</u>	Well Number: <u>1</u>
Well Name: <u>DABCO</u>	
Location: QtrQtr: <u>SWNW</u> Section: <u>6</u> Township: <u>4N</u> Range: <u>65W</u> Meridian: <u>6</u>	
County: <u>WELD</u> Federal, Indian or State Lease Number: <u>63214</u>	
Field Name: <u>WATTENBERG</u> Field Number: <u>90750</u>	

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 255 sks cmt from 1616 ft. to 898 ft. Plug Type: STUB PLUG Plug Tagged:   
 Set 266 sks cmt from 575 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:   
 Set \_\_\_\_\_ sks cmt from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Plug Type: \_\_\_\_\_ Plug Tagged:   
 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:**

<u>COA Type</u>	<u>Description</u>

**Attachment Check List**

<u>Att Doc Num</u>	<u>Name</u>
402040207	FORM 6 SUBSEQUENT SUBMITTED
402040228	CEMENT BOND LOG
402040246	CEMENT JOB SUMMARY
402040250	WELLBORE DIAGRAM

Total Attach: 4 Files

**General Comments**

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
		Stamp Upon Approval

Total: 0 comment(s)