

**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



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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: Peterson, Tom Tel: (970) 370-1281  
**COGCC contact:** Email: tom.peterson@state.co.us

API Number <u>05-123-12953-00</u>	Well Name: <u>WIEDEMAN</u>	Well Number: <u>2</u>
Location: QtrQtr: <u>SWSW</u> Section: <u>29</u> Township: <u>4N</u> Range: <u>66W</u> Meridian: <u>6</u>	County: <u>WELD</u>	Federal, Indian or State Lease Number: <u>69124</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: 40.277131 Longitude: -104.808133

GPS Data:  
Date of Measurement: 06/13/2010 PDOP Reading: 2.0 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: 4865

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	7279	7289			
Total: 1 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	313	190	313	0	VISU
1ST	7+7/8	4+1/2	11.6	7,403	200	7,403	6,620	CBL

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7229 with 2 sacks cmt on top. CIBP #2: Depth 6910 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 274 sks cmt from 4915 ft. to 4300 ft. Plug Type: STUB PLUG Plug Tagged:   
 Set 100 sks cmt from 1460 ft. to 1260 ft. Plug Type: OPEN HOLE Plug Tagged:   
 Set 180 sks cmt from 580 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: \_\_\_\_\_ ft. \_\_\_\_\_ inch casing Cut and Cap Date: \_\_\_\_\_  
 of \_\_\_\_\_  
 \*Wireline Contractor: \_\_\_\_\_ \*Cementing Contractor: \_\_\_\_\_  
 Type of Cement and Additives Used: \_\_\_\_\_  
 Flowline/Pipeline has been abandoned per Rule 1105  Yes  No \*ATTACH JOB SUMMARY

Technical Detail/Comments:

Wiedeman 2 (05-123-12953) Plugging Procedure (Intent)  
 Producing Formation: Codell: 7279'-7289'

Upper Pierre Aquifer: 380'-1360'  
 TD: 7403' PBD: 7418' (4/1/2015)  
 Surface Casing: 8 5/8" 24# @ 313' w/ 190 sxs  
 Production Casing: 4 1/2" 11.6# @ 7403' w/ 200 sxs cmt (TOC @ 6620' - CBL)

Tubing: 2 3/8" tubing set @ 7263' (4/1/2015)  
 Proposed Procedure:

1. MIRU pulling unit. Pull 2 3/8" tubing.
2. TIH with CIBP. Set BP at 7229'. Top with 2 sxs 15.8#/gal CI G cement. (Top of Codell perms @ 7279')
3. TIH with CIBP. Set BP at 6910'. Top with 2 sxs 15.8#/gal CI G cement. (Top of Niobrara @ 6960')
4. TIH with casing cutter. Cut 4 1/2" casing at 4865'. Pull cut casing.
5. TIH with tubing to 4915'. RU cementing company. Mix and pump 274 sxs 15.8#/gal CI G cement down tubing (Sussex/Shannon coverage from 4865'-4300').
6. Pick up tubing to 1460'. Mix and pump 100 sxs 15.8#/gal CI G cement down tubing. Cement should circulate to surface (Pierre coverage from 1460'-1260').
7. Pick up tubing to 580'. Mix and pump 180 sxs 15.8#/gal CI G cement down tubing. Cement should circulate to surface (Pierre coverage from 580'-surface). TOOH with tubing.
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: Valerie Danson  
 Title: Reg Tech Date: \_\_\_\_\_ 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: \_\_\_\_\_

Date: \_\_\_\_\_

**CONDITIONS OF APPROVAL, IF ANY:** \_\_\_\_\_

Expiration Date: \_\_\_\_\_

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

### **Attachment Check List**

<u>Att Doc Num</u>	<u>Name</u>
402190660	WELLBORE DIAGRAM
402190663	WELLBORE DIAGRAM

Total Attach: 2 Files

### **General Comments**

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

Total: 0 comment(s)