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401829096

Date Received:

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

API Number 05-123-12153-00 Well Number: 17-2  
 Well Name: COMING  
 Location: QtrQtr: NENE Section: 17 Township: 4N Range: 67W Meridian: 6  
 County: WELD Federal, Indian or State Lease Number: 65448  
 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: 40.318360 Longitude: -104.907970  
 GPS Data:  
 Date of Measurement: 01/18/2008 PDOP Reading: 3.3 GPS Instrument Operator's Name: Holly L. Tracy  
 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
CODELL	7164	7178			
NIOBRARA	6850	6952			

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	325	300	325	0	VISU
1ST	7+7/8	4+1/2	11.6	7,258	250	7,258	5,846	CBL
			Stage Tool	3,007	250	3,007	0	CBL

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6800 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 40 sks cmt from 3257 ft. to 2757 ft. Plug Type: CASING Plug Tagged:   
 Set 40 sks cmt from 1400 ft. to 900 ft. Plug Type: CASING Plug Tagged:   
 Set 40 sks cmt from 525 ft. to 0 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:

Perforate and squeeze at 4700 ft. with 212 sacks. Leave at least 100 ft. in casing 4415 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 Plugging 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:

Coming 17-2 (05-123-12153)/Plugging Procedure (Intent)  
 Producing Formation: Codell: 7164'-7178' Niobrara: 6850'-6952'  
 Upper Pierre Aquifer: 144'-1140'  
 TD: 7258' PBTD: 7219'  
 Surface Casing: 8 5/8" 24# @325' w/ 300 sxs cmt  
 Production Casing: 4 1/2" 11.6# @ 7258' w/ 250 sxs cmt (TOC @ 5846' – CBL) with Sliding Sleeve @ 3007'.  
 Annular Fill @ 3002' w/ 250 sxs cmt (TOC @ surface – CBL).  
 Tubing: 2 3/8" tubing set @ 7151.9' (10/5/2016).  
 Proposed Procedure:  
 1. MIRU pulling unit. Pull 2 3/8" tubing.  
 2. RU wireline company.  
 3. TIH with CIBP. Set BP at 6800'. Top with 2 sxs 15.8#/gal CI G cement.  
 4. TIH with perf gun. Shoot lower squeeze holes at 4700'. Shoot upper squeeze holes at 4400' for Shannon coverage.  
 5. Set CICR at 4415'. RU cementing company. Sting in and pump 202 sxs 15.8#/gal CI G cement. Sting out and pump 10 sxs on top of CICR.  
 6. Pickup tubing to 3257'. Mix and pump 40 sxs 15.8#/gal CI G cement down tubing (Sliding Sleeve coverage 3257'-2757').  
 7. Pickup tubing to 1400'. Mix and pump 40 sxs 15.8#/gal CI G cement down tubing (Pierre aquifer coverage from 1400'-900').  
 8. Pickup tubing to 525'. Mix and pump 40 sxs 15.8#/gal CL G cement down tubing. Cement should circulate to surface.  
 9. 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

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>
401829106	WELLBORE DIAGRAM
401829111	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)