

Document Number:  
 402374827

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: 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: \_\_\_\_\_  
 Email: \_\_\_\_\_

Type of Well Abandonment Report:  Notice of Intent to Abandon  Subsequent Report of Abandonment

API Number 05-123-13652-00  
 Well Name: JOHNSTON Well Number: 1  
 Location: QtrQtr: SESW Section: 24 Township: 4N Range: 67W Meridian: 6  
 County: WELD Federal, Indian or State Lease Number: 68893  
 Field Name: WATTENBERG Field Number: 90750

*Only Complete the Following Background Information for Intent to Abandon*

Latitude: 40.291719 Longitude: -104.840984  
 GPS Data: GPS Quality Value: 2.2 Type of GPS Quality Value: \_\_\_\_\_ Date of Measurement: 07/01/2010  
 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-CODELL	6938	7270	03/17/2020	B PLUG CEMENT TOP	6888

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	255	200	255	0	VISU
1ST	7+7/8	4+1/2	11.6	7,366	200	7,366	6,380	CBL

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6888 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 89 sks cmt from 2552 ft. to 2300 ft. Plug Type: STUB PLUG Plug Tagged:   
 Set 86 sks cmt from 1260 ft. to 1060 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 \_\_\_\_\_ 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 243 sacks half in. half out surface casing from 461 ft. to 0 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: 2500 ft. 4+1/2 inch casing Cut and Cap Date: 03/18/2020  
 of  
 \*Wireline Contractor: SureFire Wireline Services \*Cementing Contractor: Magnum Cementing Services  
 Type of Cement and Additives Used: Type III 14.1 PPG MAG S Cement  
 Flowline/Pipeline has been abandoned per Rule 1105  Yes  No

#### Technical Detail/Comments:

Johnston 1 (05-123-13652)/Plugging Procedure  
 Producing Formation: Niobrara/Codell: 6938'-7270'  
 Upper Pierre Aquifer: 200'-1160'  
 TD: 7366' PBTD: 7331' (4/21/2015)  
 Surface Casing: 8 5/8" 24# @ 255' w/ 200 sxs  
 Production Casing: 4 1/2" 11.6# @ 7366' w/ 200 sx cmt (TOC @ 6390' - CBL)

Procedure:  
 1. MIRU pulling unit. Pull 2 3/8" tubing.  
 2. RU wireline company.  
 3. TIH with CIBP. Set BP at 6888'. Top with 2 sxs 15.8#/gal Cl G cement. (Top of Nio perms @ 6938')  
 4. TIH with casing cutter. Cut 4 1/2" casing at 2500'. Pull cut casing.  
 5. TIH with tubing to 2552'. RU cementing company. Mix and pump 89 sxs 14.1#/gal Type III cement down tubing. (Stub plug from 2550'-2300') TOC at 2300'.  
 6. TIH with tubing to 1260'. Mix and pump 86 sxs 14.1#/gal Type III cement down tubing (Pierre coverage from 1260'-1060'). TOC at 1060'.  
 7. Pick up tubing to 461'. Mix and pump 243 sxs 14.1#/gal Type III cement down tubing (Pierre coverage from 455'-surface). Cement circulate 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: 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:** \_\_\_\_\_

<b>COA Type</b>	<b>Description</b>

**Attachment Check List**

<b>Att Doc Num</b>	<b>Name</b>
402374828	CEMENT JOB SUMMARY
402374829	OTHER
402374830	OPERATIONS SUMMARY
402374831	WELLBORE DIAGRAM

Total Attach: 4 Files

**General Comments**

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

Total: 0 comment(s)