

Document Number:  
 402402389

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: Burns, Adam Tel: (970) 397-4124  
**COGCC contact:** Email: adam.m.burns@state.co.us

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

API Number 05-123-26458-00  
 Well Name: GUTTERSEN Well Number: 24A  
 Location: QtrQtr: NWNW Section: 24 Township: 3N Range: 64W Meridian: 6  
 County: WELD Federal, Indian or State Lease Number: \_\_\_\_\_  
 Field Name: WATTENBERG Field Number: 90750

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

Latitude: 40.214390 Longitude: -104.504310  
 GPS Data: GPS Quality Value: 2.0 Type of GPS Quality Value: \_\_\_\_\_ Date of Measurement: 06/24/2008  
 GPS Instrument Operator's Name: HOLLY TRACY  
 Reason for Abandonment:  Dry  Production Sub-economic  Mechanical Problems  
 Other \_\_\_\_\_  
 Casing to be pulled:  Yes  No Estimated Depth: 901  
 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	6617	6847	06/19/2019	B PLUG CEMENT TOP	6567

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	701	490	701	0	VISU
1ST	7+7/8	4+1/2	10.5	7,000	845	7,000	1,026	CBL

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6491 with 2 sacks cmt on top. CIBP #2: Depth 4150 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 25 sks cmt from 1800 ft. to 1480 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:   
 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 293 sacks half in. half out surface casing from 951 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: \_\_\_\_\_ 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

Technical Detail/Comments:

Guttersen 24A (05-123-26458)/Plugging Procedure (Intent)  
 Producing Formation: Niobrara/Codell: 6617'-6847'  
 Upper Pierre Aquifer: 520'-1640'  
 TD: 7013' PBD: 6966' (10/7/2008)  
 Surface Casing: 8 5/8" 24# @ 701' w/ 490 sxs  
 Production Casing: 4 1/2" 10.5# @ 7000' w/ 845 sx cmt (TOC @ 1026' - CBL)  
 Existing CIBP set @ 6567' w/ 2 sx cmt (6/19/2019)  
 Tubing: 2 3/8" tubing w/ POBIT set @ 6246' (6/19/2019)  
 Proposed Procedure:  
 1. MIRU pulling unit. Pull 2 3/8" tubing.  
 2. RU wireline company. TIH and tag existing dump bail @ 6541'.  
 3. TIH with CIBP. Set at 6491'. Top with 2 sxs 15.8#/gal CI G cement. (Top of Niobrara @ 6566')  
 4. TIH with CIBP. Set at 4150'. Top with 2 sxs 15.8#/gal CI G cement.  
 5. TIH with tubing to 1800'. RU cementing company. Mix and pump 25 sxs 15.8#/gal CI G cement down tubing (Pierre coverage 1800'-1480').  
 6. TIH with casing cutter. Cut 4 1/2" casing at 901'. Pull cut casing.  
 7. TIH with tubing to 951'. RU cementing company. Mix and pump 293 sxs 15.8#/gal CI G cement down tubing. Cement should 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

