

Document Number:  
402403490

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: \_\_\_\_\_

**COGCC contact:** \_\_\_\_\_

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

API Number 05-123-14865-00  
 Well Name: SLW RANCH Well Number: 32-7  
 Location: QtrQtr: SWNE Section: 7 Township: 5N Range: 63W Meridian: 6  
 County: WELD Federal, Indian or State Lease Number: 63012  
 Field Name: WATTENBERG Field Number: 90750

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

Latitude: 40.416060 Longitude: -104.478060  
 GPS Data: GPS Quality Value: 2.7 Type of GPS Quality Value: \_\_\_\_\_ Date of Measurement: 06/03/2010  
 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	6739	6751	09/26/2019	B PLUG CEMENT TOP	6416
NIOBRARA	6466	6656	09/26/2019	B PLUG CEMENT TOP	6416

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	316	200	316	0	VISU
1ST	7+7/8	4+1/2	11.6	6,900	220	6,900	6,040	CBL
S.C. 1.1				5,779	1,398	5,779	392	CBL

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth \_\_\_\_\_ with \_\_\_\_\_ 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 25 sks cmt from 5526 ft. to 5197 ft. Plug Type: CASING Plug Tagged:   
Set 25 sks cmt from 1556 ft. to 1340 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:

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 250 sacks half in. half out surface casing from 407 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: 350 ft. 4+1/2 inch casing Cut and Cap Date: 04/23/2020  
of

\*Wireline Contractor: Ranger Energy Services

\*Cementing Contractor: NexTier

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

#### Technical Detail/Comments:

SLW Ranch 32-7 (05-123-14865)/Plugging Procedure  
Producing Formation: Niobrara/Codell: 6466'-6751'  
Upper Pierre Aquifer: 320'-1440'  
TD: 6900' PBTD: 6849' (3/2/2011)  
Surface Casing: 8 5/8" 24# @ 316' w/ 200 sxs  
Production Casing: 4 1/2" 11.6# @ 6900' w/ 220 sx cmt (TOC @ 6040' - CBL)  
Existing CIBP set @ 6416' w/ 2 sx cmt (9/26/2019)

Remedial Casing: 4 1/2" 11.6# @ 5508' w/ casing patch  
Annular fill @ 5779' w/ 1398 sx (TOC @ 392' - CBL)

#### Procedure:

1. MIRU pulling unit. Pull 2 3/8" tubing.
2. RU wireline company. TIH and tag existing dump bail @ 6390'.
3. Run a CBL from 500' to Surface.
4. TIH with tubing to 5526'. RU cementing company. Mix and pump 25 sxs 15.8#/gal CI G cement down tubing (casing patch balance plug 5508'-5376'). TOC at 5197'.
5. TIH with tubing to 1556'. Mix and pump 25 sxs 14.8#/gal Type III cement down tubing (Pierre balance plug 1540'-1340'). TOC at 1340'.
6. TIH with casing cutter. Cut 4 1/2" casing @ 350'. Pull cut casing.
7. Pick up tubing to 407'. RU cementing company. Mix and pump 250 sxs 14.8#/gal Type III cement down tubing. 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:**

**COA Type**

**Description**

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**Attachment Check List**

**Att Doc Num**

**Name**

402403492	CEMENT BOND LOG
402403493	CEMENT JOB SUMMARY
402403494	OPERATIONS SUMMARY
402403496	WELLBORE DIAGRAM

Total Attach: 4 Files

**General Comments**

**User Group**

**Comment**

**Comment Date**

		Stamp Upon Approval
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Total: 0 comment(s)