

Document Number:  
401556000

Date Received:  
02/26/2018

**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: Kelsi Welch  
 Name of Operator: PDC ENERGY INC Phone: (303) 831-3974  
 Address: 1775 SHERMAN STREET - STE 3000 Fax: \_\_\_\_\_  
 City: DENVER State: CO Zip: 80203 Email: kelsi.welch@pdce.com

**For "Intent" 24 hour notice required,** Name: Montoya, John Tel: (970) 397-4124  
 Email: john.montoya@state.co.us

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

API Number 05-123-19329-00 Well Number: 13-23  
 Well Name: SHUPE  
 Location: QtrQtr: SWNW Section: 13 Township: 5N Range: 67W Meridian: 6  
 County: WELD Federal, Indian or State Lease Number: 59464  
 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: 40.400700 Longitude: -104.849359  
 GPS Data:  
 Date of Measurement: 01/20/2007 PDOP Reading: 4.7 GPS Instrument Operator's Name: David Gipson  
 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	7184	7196	01/25/2018	B PLUG CEMENT TOP	7143

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	404	282	404	0	VISU
1ST	7+7/8	4+1/2	12.6	7,326	670	7,326	970	CBL

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7143 with 2 sacks cmt on top. CIBP #2: Depth 6816 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 218 sks cmt from 735 ft. to 0 ft. Plug Type: STUB PLUG 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 \_\_\_\_\_ 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: 625 ft. 4+1/2 inch casing Plugging Date: 01/26/2018  
 of \_\_\_\_\_  
 \*Wireline Contractor: Casedhole Solutions \*Cementing Contractor: C&J  
 Type of Cement and Additives Used: 15.8#/gal CI G cement  
 Flowline/Pipeline has been abandoned per Rule 1105  Yes  No \*ATTACH JOB SUMMARY

#### Technical Detail/Comments:

Shupe 13-23 (05-123-19329)/Plugging Procedure (Subsequent)  
 Producing Formation: Codell 7184'-7196'  
 TD: 7332' PBD: 7292'  
 Surface Casing: 8 5/8" 24# @ 404' w/282 sxs.  
 Production Casing: 4 1/2" 12.6# @ 7326' w/ 570 sks cmt.

Tubing: 2 7/8"(?) tubing set at 7150'. (Per Completed Interval Report 9/11/2004)

#### Proposed Procedure:

1. MIRU RU pulling unit. Pull tubing.
2. RU wireline company.
3. TIH with CIBP. Set BP at 7143'. Top with 2 sxs 15.8#/gal CI G cement.
4. TIH with CIBP. Set BP at 6816'. Top with 2 sxs 15.8#/gal CI G cement.
5. Run cement bond log from 6750' to surface. TOC could be at surface. Confirmed TOC at 941'.
6. TIH with casing cutter. Cut 4 1/2" casing at 625'. Pull cut casing.
7. TIH with tubing to 735'. Mix and pump 210 sxs 15.8#/gal CI G cement down tubing to surface.
8. Topped off well with 8 sxs 15.8#/gal CI G cement.
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: Kelsi Welch  
 Title: Production Tech Date: 2/26/2018 Email: kelsi.welch@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, Eric

COGCC Approved:

Date: 9/4/2018

**CONDITIONS OF APPROVAL, IF ANY:**

**COA Type**

**Description**

COA Type	Description

**Attachment Check List**

**Att Doc Num**

**Name**

401556000	FORM 6 SUBSEQUENT SUBMITTED
401556010	WELLBORE DIAGRAM
401556011	CEMENT JOB SUMMARY
401556013	WIRELINING JOB SUMMARY
401556016	CEMENT BOND LOG

Total Attach: 5 Files

**General Comments**

**User Group**

**Comment**

**Comment Date**

Engineer	Form 42 submitted	09/04/2018
Engineer	Waiting for the operator to submit Form 42 for flowline abandonment	07/12/2018

Total: 2 comment(s)