

FORM  
6

Rev  
05/18

# State of Colorado Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



DE ET OE ES

Document Number:

402181417

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: \_\_\_\_\_  
COGCC contact: Email: \_\_\_\_\_

API Number 05-123-20697-00 Well Number: 6A  
Well Name: SKURICH/ROTHE  
Location: QtrQtr: SE Section: 6 Township: 5N Range: 63W Meridian: 6  
County: WELD Federal, Indian or State Lease Number: \_\_\_\_\_  
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: 40.425000 Longitude: -104.474690  
GPS Data:  
Date of Measurement: 01/30/2007 PDOP Reading: 2.8 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	6758	6766	08/21/2019	B PLUG CEMENT TOP	6708

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	364	255	364	0	VISU
1ST	7+7/8	4+1/2	11.6	6,954	370	6,954	3,370	CBL

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6708 with 2 sacks cmt on top. CIBP #2: Depth 6370 with 2 sacks cmt on top.  
 CIBP #3: Depth 3400 with 2 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 130 sks cmt from 1715 ft. to 1300 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 275 sacks half in. half out surface casing from 650 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: 1600 ft. 4+1/2 inch casing Cut and Cap Date: 08/23/2019  
 of \_\_\_\_\_  
 \*Wireline Contractor: C&J Energy Services \*Cementing Contractor: C&J Energy Services  
 Type of Cement and Additives Used: Type III 14.8 PPG Portland Cement  
 Flowline/Pipeline has been abandoned per Rule 1105  Yes  No \*ATTACH JOB SUMMARY

#### Technical Detail/Comments:

Skurich/Rothe 6A (05-123-20697)/Plugging Procedure  
 Producing Formation: Codell: 6758'-6766'  
 Upper Pierre Aquifer: 380'-1480'  
 TD: 6997' PBTD: 6910'  
 Surface Casing: 8 5/8" 24# @ 364' w/ 255 sxs  
 Production Casing: 4 1/2" 11.6# @ 6954' w/ 370 sxs cmt (TOC @ 3370' - CBL).

#### Procedure:

1. MIRU pulling unit. Pull 2 3/8" tubing.
2. RU wireline company.
3. TIH with CIBP. Set BP at 6708'. Top with 2 sxs 15.8#/gal CI G cmt.
4. TIH with CIBP. Set BP at 6370'. Top with 2 sxs 15.8#/gal CI G cmt.
5. TIH with CIBP. Set BP at 3400'. Top with 2 sxs 15.8#/gal CI G cmt.
6. TIH with casing cutter. Cut 4 1/2" casing at 1600'. Pull cut casing.
7. TIH with tubing to 1715'. RU cementing company. Mix and pump 130 sxs 14.8#/gal Type III cement down tubing (Pierre coverage from 1715'-1300'). TOC at 1300'.
8. Pickup tubing to 650'. Mix and pump 275 sxs 14.8#/gal Type III cement down tubing. Cement 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: 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:** \_\_\_\_\_

<u>COA Type</u>	<u>Description</u>

**Attachment Check List**

<u>Att Doc Num</u>	<u>Name</u>
402181430	CEMENT JOB SUMMARY
402181432	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)