

**FORM**  
**6**  
Rev  
12/05

**State of Colorado**  
**Oil and Gas Conservation Commission**

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



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**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: <u>69175</u>	Contact Name: <u>Kelsi Welch</u>
Name of Operator: <u>PDC ENERGY INC</u>	Phone: <u>(303) 831-3974</u>
Address: <u>1775 SHERMAN STREET - STE 3000</u>	Fax: _____
City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80203</u>	Email: <u>kelsi.welch@pdce.com</u>
<b>For "Intent" 24 hour notice required,</b> Name: <u>Montoya, John</u> Tel: <u>(970) 397-4124</u>	
<b>COGCC contact:</b> Email: <u>john.montoya@state.co.us</u>	

API Number <u>05-123-25249-00</u>	Well Number: <u>43-20</u>
Well Name: <u>COOK</u>	
Location: QtrQtr: <u>NESE</u> Section: <u>20</u> Township: <u>6N</u> Range: <u>63W</u> Meridian: <u>6</u>	
County: <u>WELD</u> Federal, Indian or State Lease Number: _____	
Field Name: <u>WATTENBERG</u> Field Number: <u>90750</u>	

Notice of Intent to Abandon       Subsequent Report of Abandonment

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

Latitude: 40.469780 Longitude: -104.453080

GPS Data:  
Date of Measurement: 06/13/2008 PDOP Reading: 2.5 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	6731	6739	01/25/2018	B PLUG CEMENT TOP	6417
NIOBRARA	6468	6574	01/25/2018	B PLUG CEMENT TOP	6417
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	490	350	490	0	
1ST	7+7/8	4+1/2	10.5	6,843	700	6,843	0	CBL

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6417 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 10 sks cmt from 2555 ft. to 2392 ft. Plug Type: CASING Plug Tagged:   
Set 70 sks cmt from 718 ft. to 0 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 \_\_\_\_\_ 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: \_\_\_\_\_ ft. of \_\_\_\_\_ inch casing Plugging Date: 01/26/2018  
\*Wireline Contractor: Ranger \*Cementing Contractor: C&J  
Type of Cement and Additives Used: 15.8#/gal CI G cement  
Flowline/Pipeline has been abandoned per Rule 1103  Yes  No \*ATTACH JOB SUMMARY

#### Technical Detail/Comments:

COOK 43-20 (05-123-25249)/PLUGGING PROCEDURE (Subsequent)  
Producing Formation: Niobrara: 6468'-6574', 6566'-6574' Codell: 6731'-6739'  
TD: 6879'KB PBTD: 6838'KB Original KB: 10'  
Surface Casing: 8 5/8" 24# @ 490'KB w/ 350 sxs cmt.  
Production Casing: 4 1/2" 10.5# @6843'KB w/ 700 sxs cmt. (TOC @ surface - CBL)  
Tubing: 2 3/8" tubing set @ 6716.8'KB (03/2014)

#### Procedure:

1. MIRU pulling unit. TOOH 2 3/8" tbg.
2. RU wireline to run CIBP.
3. RIH w/ CIBP. Set @6417'KB. Dump bail 2 sxs 15.8#/gal CI G cmt.
4. TIH w/ tbg to 2555'KB. Mix and pump 10 sxs 15.8#/gal CI G cmt down tubing to 2392'.
5. TOOH to 718'KB. Mix and pump 70 sxs 15.8#/gal CI G cmt down tubing to surface.
6. Dig down and cut csg 6' below GL. Weld 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: \_\_\_\_\_ 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.

COGCC Approved: \_\_\_\_\_ Date: \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY: \_\_\_\_\_

**COA Type**

**Description**

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**Attachment Check List**

**Att Doc Num**

**Name**

401556053	CEMENT JOB SUMMARY
401556055	WELLBORE DIAGRAM
401556056	WIRELINE JOB SUMMARY

Total Attach: 3 Files

**General Comments**

**User Group**

**Comment**

**Comment Date**

		Stamp Upon Approval
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Total: 0 comment(s)