

FORM
6Rev
05/18State 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:

401563965

Date Received:

03/06/2018

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

COGCC contact:

Email: john.montoya@state.co.us

API Number 05-123-25530-00

Well Name: COOK

Well Number: 20D

Location: QtrQtr: NESE Section: 20 Township: 6N 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: 40.468860

Longitude: -104.456000

GPS Data:

Date of Measurement: 09/29/2008

PDOP Reading: 2.2

GPS Instrument Operator's Name: HOLLY TRACY

Reason for Abandonment:

☐ Dry☐ Production Sub-economic☐ Mechanical Problems☐ OtherCasing 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	6735	6741	01/31/2018	B PLUG CEMENT TOP	6419
NIOBRARA	6470	6573	01/31/2018	B PLUG CEMENT TOP	6419

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	491	390	491	0	
1ST	7+7/8	4+1/2	10.5	6,874	635	6,874	168	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6419 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 2559 ft. to 2427 ft. Plug Type: CASING Plug Tagged: ☐
Set 75 sks cmt from 724 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. _____ inch casing Plugging Date: 02/01/2018
of _____

*Wireline Contractor: Casedhole Solutions

*Cementing Contractor: C&J

Type of Cement and Additives Used: 15.8#/gal CI G cmt

Flowline/Pipeline has been abandoned per Rule 1105 ☐ Yes ☐ No

*ATTACH JOB SUMMARY

Technical Detail/Comments:

COOK 20D (05-123-25530)/PLUGGING PROCEDURE (Subsequent)
Producing Formation: Niobrara: 6470'-6474', 6565'-6573' Codell: 6735'-6741'
TD: 6891'KB PBTD: 6836'KB Original KB: 10'
Surface Casing: 8 5/8" 24# @ 491'KB w/ 390 sxs cmt.
Production Casing: 4 1/2" 10.5# @ 6874'KB w/ 635 sxs cmt. (TOC @ 168'KB - CBL)
Tubing: 2 3/8" tubing set @ 6718.5'KB (04/2008)

Proposed Procedure:

1. MIRU. TOOH 2 3/8" tbg.
2. RU wireline to set CIBP.
3. RIH w/ CIBP. Set @ 6419'. Dump bail 2 sxs 15.8#/gal CI G cmt.
4. TIH w/ tbg to 2559'. Mix and pump 10 sxs 15.8#/gal CI G cmt to 2427'.
5. TOOH to 724'. Mix and pump 63 sxs 15.8#/gal CI G cmt to surface.
6. Top well off with 12 sxs 15.8#/gal CI G cmt.
7. 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: 3/6/2018 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.

COGCC Approved: Jacobson, Eric Date: 5/15/2018

CONDITIONS OF APPROVAL, IF ANY:

COA Type

Description

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Attachment Check List

Att Doc Num

Name

401563965	FORM 6 SUBSEQUENT SUBMITTED
401563968	WELLBORE DIAGRAM
401563969	CEMENT JOB SUMMARY
401563970	WIRELINE JOB SUMMARY

Total Attach: 4 Files

General Comments

User Group

Comment

Comment Date

		Stamp Upon Approval
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Total: 0 comment(s)