

FORM
6Rev
12/05State 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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Document Number:

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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: Jenifer Hakkarinen

Name of Operator: PDC ENERGY INC

Phone: (303) 8605800

Address: 1775 SHERMAN STREET - STE 3000

Fax:

City: DENVER State: CO Zip: 80203

Email: Jenifer.Hakkarinen@pdce.com

For "Intent" 24 hour notice required,

Name:

Tel:

COGCC contact:

Email:

API Number 05-123-24016-00

Well Name: CECIL

Well Number: 42-26

Location: QtrQtr: SENE Section: 26 Township: 7N Range: 64W 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: 40.546190

Longitude: -104.510500

GPS Data:

Date of Measurement: 01/27/2007

PDOP Reading: 4.2

GPS Instrument Operator's Name: H. L. 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	7018	7028	04/30/2018	B PLUG CEMENT TOP	6698
NIOBRARA	6748	6874	04/30/2018	B PLUG CEMENT TOP	6698

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	567	400	567	0	VISU
1ST	7+7/8	4+1/2	10.5	7,169	815	7,169	420	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6698 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 25 sks cmt from 1816 ft. to 1502 ft. Plug Type: CASING Plug Tagged: ☐
Set 80 sks cmt from 811 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 400 ft. with 0 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: 03/30/2018
of _____

*Wireline Contractor: Cased Hole Solutions

*Cementing Contractor: C&J

Type of Cement and Additives Used: 15.8 PPG CL G NEAT

Flowline/Pipeline has been abandoned per Rule 1103 ☐ Yes ☐ No

*ATTACH JOB SUMMARY

Technical Detail/Comments:

Cecil 42-26 (05-123-24016)/Plugging Procedure
Producing Formation: Niobrara: 6748'-6874' Codell: 7018'-7028'
Upper Pierre Aquifer: 635'-1685'
TD: 7208' PBD: 7130'
Surface Casing: 8 5/8" 24# @ 567' w/ 400 sxs
Production Casing: 4 1/2" 10.5# @ 7169' w/ 815 sxs cmt (TOC @ 420' - CBL).

Tubing: 2 3/8" tubing set @ 7008' (10/16/2015).

Procedure:

1. MIRU pulling unit. Pull 2 3/8" tubing.
2. RU wireline company.
3. TIH with CIBP. Set BP at 6698'. Top with 2 sxs 15.8#/gal CI G cement.
4. TIH with tubing to 1816'. RU cementing company. Mix and pump 25 sxs 15.8#/gal CI G cement down tubing (cement coverage from 1502'-1816'). TOOH with tubing.
5. TIH with perforation gun. Shoot 2 holes for annular squeeze at 400' @ 1 SPF attempted to circulate through holes discovered cement to surface in annulus.
6. TIH with tubing to 811'. RU cementing company. Mix and pump 80 sxs 15.8#/gal CI G cement down tubing. Cement should circulate to surface. TOOH with tubing.
7. Close off casing returns. Hook up cement line to cement flange and pump 90 sxs 15.8#/gal CI G cement downhole and squeeze through perforations at 400' into annular space. Cement should 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: Jenifer Hakkarinen

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

Attachment Check List

Att Doc Num	Name
401627115	WELLBORE DIAGRAM
401627128	CEMENT JOB SUMMARY

Total Attach: 2 Files

General Comments

User Group	Comment	Comment Date
		Stamp Upon Approval

Total: 0 comment(s)