

FORM
6Rev
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



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Document Number:

401744810

Date Received:

08/27/2018

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: 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 05-123-23952-00

Well Name: KOHLHOFF

Well Number: 14-22

Location: QtrQtr: SWSW Section: 22 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: 40.553720

Longitude: -104.542750

GPS Data:

Date of Measurement: 12/04/2006

PDOP Reading: 4.3

GPS Instrument Operator's Name: H.L. TRACEY

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 belowWellbore 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	7142	7152	07/12/2018	B PLUG CEMENT TOP	7092

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	586	520	586	0	VISU
1ST	7+7/8	4+1/2	10.5	7,282	150	7,282	6,320	CBL
S.C. 1.1				6,320	490	6,320	430	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7092 with 2 sacks cmt on top. CIBP #2: Depth 6780 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 30 sks cmt from 1826 ft. to 1342 ft. Plug Type: CASING Plug Tagged: ☐
Set 90 sks cmt from 818 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: 07/12/2018
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 1105 ☐ Yes ☐ No

*ATTACH JOB SUMMARY

Technical Detail/Comments:

Kohlhoff 14-22 (05-123-23952)/Plugging Procedure

Producing Formation: Codell: 7142'-7152'

Upper Pierre Aquifer: 820'-1760'

TD: 7329' PBD: 7285'

Surface Casing: 8 5/8" 24# @ 586' w/ 520 sxs

Production Casing: 4 1/2" 10.5# @ 7321' w/ 735 sxs cmt (TOC @ Surface' - CBL).

Tubing: 2 3/8" tubing set @ 7128' (8/11/2015).

Procedure:

1. MIRU pulling unit. Pull 2 3/8" tubing.
2. RU wireline company.
3. TIH with CIBP. Set BP at 7092'. Top with 2 sxs 15.8#/gal CI G cement.
4. TIH with CIBP. Set BP at 6780'. Top with 2 sxs 15.8#/gal CI G cement.
5. TIH with tubing to 1826'. RU cementing company. Mix and pump 30 sxs 15.8#/gal CI G cement down tubing (cement coverage from 1342'-1826').
6. Pick up tubing to 818'. Mix and pump 90 sxs 15.8#/gal CI G cement down tubing. Cement should circulate to surface.
7. 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

Title: Reg TEch

Date: 8/27/2018

Email: Jenifer.Hakkarinen@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: 1/3/2019

CONDITIONS OF APPROVAL, IF ANY:

COA Type

Description

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Attachment Check List

Att Doc Num

Name

2137591	GYRO SURVEY
401744810	FORM 6 SUBSEQUENT SUBMITTED
401744820	WELLBORE DIAGRAM
401744824	CEMENT JOB SUMMARY

Total Attach: 4 Files

General Comments

User Group

Comment

Comment Date

		Stamp Upon Approval
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Total: 0 comment(s)