

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



DE ET OE ES

Document Number:

401019952

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 05-123-20430-00

Well Name: STATE

Well Number: 22-4

Location: QtrQtr: SENW Section: 4 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: 40.430310

Longitude: -104.444390

GPS Data:

Date of Measurement: 03/05/2007

PDOP Reading: 1.9

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	6810	6816	03/01/2016	B PLUG CEMENT TOP	6760

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	402	285	402	0	VISU
1ST	7+7/8	4+1/2	10.5	7,428	260	7,248	6,285	CBL
S.C. 1.1				7,428	29	6,285	2,895	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6760 with 2 sacks cmt on top. CIBP #2: Depth 6445 with 2 sacks cmt on top.
CIBP #3: Depth 1675 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 60 sks cmt from 2502 ft. to 1724 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: ☐
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 250 sacks half in. half out surface casing from 708 ft. to 0 ft. Plug Tagged: ☐

Set 10 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: 600 ft. of 4+1/2 inch casing

Plugging Date: 03/01/2016

*Wireline Contractor: Manga

*Cementing Contractor: Magna

Type of Cement and Additives Used: _____

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

*ATTACH JOB SUMMARY

Technical Detail/Comments:

State #22-4 (05-123-20430)/Plugging Procedure
Producing Formation: Codell 6810'-6816'
Abandoned Perforations: J Sand 7268'-7278'
TD: 7509' PBTD: 7386'
Surface Casing: 8" 24# @ 402' w/ 285 sks cmt.
Production Casing: 4 1/2" 10.5# @ 7428' w/ 535 sks cmt (TOC 2885'CBL).

Proposed Procedure:

1. MIRU RU pulling unit. Pull tubing.
2. RU wireline company. TIH with dump bailer. Spot 2 sxs cement on top of existing CIBP' at 7141'.
3. TIH with CIBP. Set bridge plug at 6760'. TIH with dump bailer. Spot 2 sxs cement on top of CIBP at 6870'.
4. TIH with CIBP set bridge plug @ 6445' spot w/ 2 sxs of cement
5. TIH w/ tubing locate bottom of holes in casing @ 2740'. Top of holes @ 1773'.
4. TIH w/ tubing pump 60 sxs of cement from 2502' to 1724'
5. TIH w/ CIBP set at 1675 top w/ 2 sxs of cement.
5. RIH w/ csg cutter cut casing @ 600'.
6. TIH w/ tubing to 708', pump 250 sxs of cement to surface.
6. Top off w/ 10 sxs of cement 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: _____

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: _____

CONDITIONS OF APPROVAL, IF ANY: _____

COA Type

Description

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Attachment Check List

Att Doc Num

Name

401019987	WELLBORE DIAGRAM
401020012	CEMENT JOB SUMMARY

Total Attach: 2 Files

General Comments

User Group

Comment

Comment Date

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Total: 0 comment(s)