

FORM
6Rev
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



DE ET OE ES

Document Number:

401139327

Date Received:

10/31/2016

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 05-123-22734-00

Well Name: PEIKER

Well Number: 41-6

Location: QtrQtr: NENE Section: 6 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: 40.521000

Longitude: -104.472640

GPS Data:

Date of Measurement: 10/14/2010

PDOP Reading: 2.4

GPS Instrument Operator's Name: Steve Cure

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 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	6883	6889	09/12/2016	B PLUG CEMENT TOP	6820

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	718	400	718	0	VISU
1ST	7+7/8	4+1/2	10.5	7,029	420	7,009	3,938	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6545 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 12 sks cmt from 2902 ft. to 2478 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 312 sacks half in. half out surface casing from 1040 ft. to 0 ft. Plug Tagged: ☐

Set 11 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: 930 ft. of 4+1/2 inch casing Plugging Date: 09/12/2016

*Wireline Contractor: Magna *Cementing Contractor: Magna

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:

Peiker #41-6 (05-123-22734)/Plugging Procedure
Producing Formations: Codell 6883'-6889'
TD: 7063' PBTD: 6967'
Surface Casing: 8 5/8" 24# @ 718' w/ 400 sxs.
Production Casing: 4 1/2" 10.5# @ 7009' w/ 420 sks cmt (TOC 3938' CBL).
Tubing: None.
Existing CIBP: 6820' w/ 2 sxs

Procedure:

1. MIRU RU pulling unit. RU wireline company.
2. TIH with CIBP. Set CIBP at 6545' top with 2 sxs of 15.8#/gal CI G cement.
3. TIH with tubing. Pump 12 sxs of 15.8#/gal CI G cement from 2902' to 2478'.
4. TIH with casing cutter. Cut 4 1/2" casing at 930'. Recover 4 1/2" casing.
5. TIH with tubing to 1040'. Mix and pump 312 sxs of 15.8#/gal CI G cement down tubing. Cement should circulate to surface.
6. 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: 10/31/2016 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: Jacobson, Eric Date: 3/14/2018

CONDITIONS OF APPROVAL, IF ANY:

COA Type

Description

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Attachment Check List

Att Doc Num

Name

401139327	FORM 6 SUBSEQUENT SUBMITTED
401140097	CEMENT JOB SUMMARY
401140103	WELLBORE DIAGRAM

Total Attach: 3 Files

General Comments

User Group

Comment

Comment Date

Permit	Changed 4 1/2" csg point to 7029' as per Form 5 # 1447486.	06/16/2017
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Total: 1 comment(s)