

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



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Document Number:

401919108

Date Received:

01/25/2019

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: Valerie Danson

Name of Operator: PDC ENERGY INC

Phone: (970) 506-9272

Address: 1775 SHERMAN STREET - STE 3000

Fax:

City: DENVER State: CO Zip: 80203

Email: valerie.danson@pdce.com

For "Intent" 24 hour notice required,

Name:

Tel:

COGCC contact:

Email:

API Number 05-123-21324-00

Well Name: WYSCAVER

Well Number: 24-5

Location: QtrQtr: SESW Section: 5 Township: 4N 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: 40.335220

Longitude: -104.463500

GPS Data:

Date of Measurement: 10/27/2010

PDOP Reading: 1.2

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
J SAND	7118	7154	12/26/2018	B PLUG CEMENT TOP	7046

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	725	510	725	0	VISU
1ST	7+7/8	4+1/2	10.5	7,267	190	7,267	6,026	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7046 with 2 sacks cmt on top. CIBP #2: Depth 6335 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 255 sks cmt from 1726 ft. to 1000 ft. Plug Type: STUB PLUG Plug Tagged: ☐
Set 183 sks cmt from 929 ft. to 0 ft. Plug Type: OPEN HOLE 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 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: 1600 ft. 4+1/2 inch casing Plugging Date: 12/27/2018
of

*Wireline Contractor: Ranger Energy Services *Cementing Contractor: C&J Energy Services

Type of Cement and Additives Used: Type III 14.8 PPG Portland Cement

Flowline/Pipeline has been abandoned per Rule 1105 ☐ Yes ☐ No *ATTACH JOB SUMMARY

Technical Detail/Comments:

Wyscaver 24-5 (05-123-21324)/Plugging Procedure
Producing Formation: J-Sand: 7118'-7154'
Upper Pierre Aquifer: 520'-1452'
TD: 7267' PBTD: 7219'
Surface Casing: 8 5/8" 24# @ 725' w/ 510 sxs cmt
Production Casing: 4 1/2" 10.5# @ 7267' w/ 190 sxs cmt (TOC @ 6026' - CBL).

Procedure:

1. Run gyro survey.
2. MIRU pulling unit. Pull 2 3/8" tubing.
3. RU wireline company.
4. TIH with CIBP. Set BP at 7046'. Top with 2 sxs 15.8#/gal CI G cement.
5. TIH with CIBP. Set BP at 6335'. Top with 2 sxs 15.8#/gal CI G cement.
6. TIH with casing cutter. Cut 4 1/2" casing at 1600'. Pull cut casing.
7. TIH with tubing to 1726'. RU cementing company. Mix and pump 255 sxs 14.8#/gal Type III cement down tubing (Pierre coverage from 1715'-1300'). TOC at 1000'.
8. Pickup tubing to 929'. Mix and pump 194 sxs 14.8#/gal Type III cement down tubing. Cement circulate to surface.
9. 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: Valerie Danson
Title: Reg Tech Date: 1/25/2019 Email: valerie.danson@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: 3/26/2019

CONDITIONS OF APPROVAL, IF ANY:

COA Type

Description

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Attachment Check List

Att Doc Num

Name

1801535	WELLBORE DIAGRAM
401919108	FORM 6 SUBSEQUENT SUBMITTED
401919142	CEMENT JOB SUMMARY

Total Attach: 3 Files

General Comments

User Group

Comment

Comment Date

		Stamp Upon Approval
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Total: 0 comment(s)