

FORM

6

Rev
11/20

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:

402703721

Date Received:

08/02/2021

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:

Type of Well Abandonment Report:



Notice of Intent to Abandon



Subsequent Report of Abandonment

API Number 05-123-26226-00

Well Name: PESCHEL

Well Number: 5-20

Location: QtrQtr: SWSW

Section: 20

Township: 4N

Range: 65W

Meridian: 6

County: WELD

Federal, Indian or State Lease Number:

Field Name: WATTENBERG

Field Number: 90750

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.294210

Longitude: -104.693000

GPS Data: GPS Quality Value: 2.9

Type of GPS Quality Value:

Date of Measurement: 03/20/2009

Reason for Abandonment:


☐ Production Sub-economic

☐ Mechanical Problems

☐ Other

Casing to be pulled:



Estimated Depth:

Fish in Hole:



If yes, explain details below

Wellbore has Uncemented Casing leaks:



If yes, explain details below

Details:

Current and Previously Abandoned Zones

Formation	Perf. Top	Perf. Btm	Abandoned Date	Method of Isolation	Plug Depth
CODELL	7225	7242	03/27/2021	B PLUG CEMENT TOP	7175

Total: 1 zone(s)

Casing History

Casing Type	Size of Hole	Size of Casing	Grade	Wt/Ft	Csg/Liner Top	Setting Depth	Sacks Cmt	Cmt Btm	Cmt Top	Status
SURF	12+1/4	8+5/8		24	0	539	380	539	0	VISU
1ST	7+7/8	4+1/2		11.6	0	7455	655	7455	940	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7175 with 2 sacks cmt on top. CIBP #2: Depth 6880 with 2 sacks cmt on top.
 CIBP #3: Depth 4350 with 2 sacks cmt on top. CIBP #4: Depth 2500 with 2 sacks cmt on top.
 CIBP #5: Depth _____ with _____ sacks cmt on top.

NOTE: Two(2) sacks cement required on all CIBPs.

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: ☐
 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 328 sacks half in. half out surface casing from 850 ft. to 0 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: 800 ft. of 4+1/2 inch casing Number of Days from Setting Surface Plug to Capping or Sealing the Well: 8
 Surface Plug Setting Date: 03/29/2021 Cut and Cap Date: 04/06/2021

*Wireline Contractor: Rocky Mtn Wireline Services

*Cementing Contractor: NexTier Cementing Services

Type of Cement and Additives Used: Class G 15.8 PPG Cement

Flowline/Pipeline has been abandoned per Rule 1105 ☐ Yes ☐ No

Technical Detail/Comments:

Peschel 5-20 (05-123-26226)/Plugging Procedure
 Producing Formation: Codell: 7225'-7242'
 Deepest Water Well: 300'
 Upper Pierre Aquifer: 550'-1510'
 TD: 7456' PBTD: 7344'
 Surface Casing: 8 5/8" 24# @ 539' w/ 380 sxs cmt
 Production Casing: 4 1/2" 11.6# @ 7455' w/ 655 sxs cmt (TOC @ 940' - CBL)

Procedure:

1. MIRU pulling unit. Pull 2 3/8" tubing.
2. RU wireline company.
3. TIH with CIBP. Set BP at 7175'. Top with 2 sxs 15.8#/gal CI G cement. (Top Codell perms @ 7225')
4. TIH with CIBP. Set BP at 6880'. Top with 2 sxs 15.8#/gal CI G cement. (Top Niobrara @ 6930')
5. TIH with CIBP. Set BP at 4350'. Top with 2 sxs 15.8#/gal CI G cement. (Sussex Coverage)
6. Ran a Strip Log from 4000' to Surface (for casing cut verification, log not kept).
7. TIH with CIBP. Set BP at 2500'. Top with 2 sxs 15.8#/gal CI G cement.
8. TIH with casing cutter. Cut 4 1/2" casing @ 800'. Pull cut casing.
9. Pick up tubing to 850'. RU cementing company. Mix and pump 328 sxs 15.8#/gal CI G cement down tubing. Cement circulate to surface.
10. Well casing cut and capped per COGCC guidelines at a depth as not to interfere with soil cultivation.

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: 8/2/2021

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: Jacobson, Eric

Date: 9/13/2021

CONDITIONS OF APPROVAL, IF ANY:

Condition of Approval

COA Type

Description

0 COA

Attachment List

Att Doc Num

Name

402703721	FORM 6 SUBSEQUENT SUBMITTED
402703727	CEMENT JOB SUMMARY
402703729	OTHER
402703731	OPERATIONS SUMMARY
402703733	WELLBORE DIAGRAM

Total Attach: 5 Files

General Comments

User Group

Comment

Comment Date

		Stamp Upon Approval
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Total: 0 comment(s)