

FORM  
6Rev  
02/20

# State of Colorado Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



DE ET OE ES

Document Number:

402367356

Date Received:

04/09/2020

## 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 05-123-15018-00

Well Name: BASS 41-12

Well Number: 1

Location: QtrQtr: NENE

Section: 12

Township: 4N

Range: 66W

Meridian: 6

County: WELD

Federal, Indian or State Lease Number: 67407

Field Name: WATTENBERG

Field Number: 90750

### Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.332440

Longitude: -104.717170

GPS Data: GPS Quality Value: 6.0 Type of GPS Quality Value:

Date of Measurement: 09/19/2006

GPS Instrument Operator's Name: PETROLEUM FIELD

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	7167	7177	03/06/2020	B PLUG CEMENT TOP	6778
NIOBRARA	6852	6987	03/06/2020	B PLUG CEMENT TOP	6778

Total: 2 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	351	250	351	0	VISU
1ST	7+7/8	4+1/2	11.6	7,292	250	7,292	6,380	CBL
S.C. 1.1				4,713	310	4,720	4,090	CBL

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6778 with 2 sacks cmt on top. CIBP #2: Depth 4200 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 92 sks cmt from 2600 ft. to 2300 ft. Plug Type: STUB PLUG 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 268 sacks half in. half out surface casing from 604 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: 2500 ft. of 4+1/2 inch casing

Cut and Cap Date: 03/09/2020

\*Wireline Contractor: SureFire Wireline Services

\*Cementing Contractor: Magnum Cementing Services

Type of Cement and Additives Used: Type III 14.1 PPG MAG S Cement

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

Technical Detail/Comments:

Bass 41-12 1 (05- 123-15018)/Plugging Procedure  
Producing Formation: Niobrara/Codell: 6852'-7177'

Procedure:

1. MIRU pulling unit. Pull 2 3/8" tubing.
2. RU wireline company.
3. TIH with CIBP. Set BP at 6778'. Top with 2 sxs 15.8#/gal CI G cement. (Top of Nio perms @ 6852')
4. TIH with CIBP. Set BP at 4200'. Top with 2 sxs 15.8#/gal CI G cement.
5. TIH with casing cutter. Cut 4 1/2" casing at 2500'. Pull cut casing.
6. TIH with tubing to 2600'. RU cementing company. Mix and pump 92 sxs 14.1#/gal Type III cement down tubing. TOC at 2300'.
7. Pick up tubing to 604'. Mix and pump 268 sxs 14.1#/gal Type III cement down tubing. Cement circulate to surface.
8. 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: 4/9/2020

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: 9/27/2021

CONDITIONS OF APPROVAL, IF ANY:

### Condition of Approval

**COA Type****Description**

0 COA
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### Attachment List

**Att Doc Num****Name**

402367356	FORM 6 SUBSEQUENT SUBMITTED
402367357	CEMENT JOB SUMMARY
402367358	OTHER
402367359	OPERATIONS SUMMARY
402367360	WELLBORE DIAGRAM

Total Attach: 5 Files

### General Comments

**User Group****Comment****Comment Date**

Engineer	Form 17 submitted late	09/24/2021
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Total: 1 comment(s)