

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



DE	ET	OE	ES
----	----	----	----

Replug By Other Operator

Document Number:

402532774

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: 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 05-123-07414-00

Well Name: MONFORT-BOSTROM

Well Number: 1

Location: QtrQtr: NWNW Section: 30 Township: 6N Range: 65W Meridian: 6

County: WELD

Federal, Indian or State Lease Number:

Field Name: WILDCAT

Field Number: 99999

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

Latitude: 40.464661

Longitude: -104.713609

GPS Data: GPS Quality Value: 1.6 Type of GPS Quality Value: Date of Measurement: 09/28/2020

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	7647	7699	04/09/1980	CEMENT	7200

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	J55	24		175	150	175	0	VISU
1ST	7+7/8	4+1/2	J55	10.5		7744	50	7744	7606	CALC

Subsurface hazards include, but are not limited to, the following: overpressured zones, underpressured zones, major geologic faults, salt sections, H<sub>2</sub>S at concentrations greater than or equal to 100 ppm.

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth \_\_\_\_\_ with \_\_\_\_\_ 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 480 sks cmt from 6693 ft. to 5321 ft. Plug Type: OPEN HOLE Plug Tagged: ☒

Set 240 sks cmt from 3512 ft. to 2933 ft. Plug Type: OPEN HOLE Plug Tagged: ☒

Set 310 sks cmt from 1690 ft. to 870 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: ☐

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 351 sacks half in. half out surface casing from 575 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: \_\_\_\_\_ ft. of \_\_\_\_\_ inch casing

Surface Plug Setting Date: 10/18/2020 Cut and Cap Date: 10/18/2020 Number of Days from Setting Surface Plug to Capping or Sealing the Well: 0

\*Wireline Contractor: \_\_\_\_\_

\*Cementing Contractor: Magnum Cementing Services

Type of Cement and Additives Used: Class G 15.8 PPG MAG G Cement & Type III 14.1 PPG MAG S Cement

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

Technical Detail/Comments:

Monfort-Bostrom 1 (05-123-07414)/Re-Enter to Re-Plug Procedure

Original Plug Date: 4/9/1980

Abandoned Formation: J-Sand: 7647'-7699'

Upper Pierre Aquifer: 420'-1440'

TD: 7747'?

Surface Casing: 8 5/8" 24# @ 175' w/ 150 sxs

Open Hole: 7 7/8" @ 175'-6700'

Production Casing: 4 1/2" 10.5# @ 7744' w/ 50 sxs (TOC @ 7606' - Calc)

Existing Plugs: 7747'-7200' (35 sxs), 205'-145' (20 sxs), 32' to surface (10 sxs)

Procedure:

1. Dig out to find wellhead and check pressure. Cut cap off, extend surface pipe to achieve ground level.
2. MIRU WO unit, ND wellhead, NU BOP, tally all pipe to be ran in well.
3. Mill cement, cement btm is approximately 205' according to well history data.
4. Wash run down to casing stub @ 6676' or depth that well allows.
5. PU tubing to 6693'. RU cementing company. Mix and pump 480 sxs 15.8#/gal CI G cement down tubing (Niobrara coverage from 6700'-6200' Top of Niobrara @ 6850'). PU tubing above plug and SI well.
  - a. Wait 4 hours and TOC tagged at 5321'.
6. PU tubing to 3512'. RU cementing company. Mix and pump 240 sxs 15.8#/gal CI G cement down tubing (Courtesy coverage from 3500'-3000'). TOC tagged at 2933'.
7. PU tubing to 1690'. Mix and pump 310 sxs 14.1#/gal Type III cement down tubing (Pierre Aquifer coverage from 1690'-1190'). PU tubing above plug and SI well.
  - a. Wait 4 hours and TOC tagged at 870'.
8. PU tubing to 575'. RU cementing company. Mix and pump 351 sxs 14.1#/gal Type III cement down tubing. Cement circulate to surface.
9. RDMO WO unit. Remove extension of surface pipe.
10. Weld on cap with ID plate, inscribed with well location, and identity. Backfill, clean location. Re-Entry complete.

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: \_\_\_\_\_ 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: \_\_\_\_\_

**CONDITIONS OF APPROVAL, IF ANY:**

<u>COA Type</u>	<u>Description</u>

**Attachment Check List**

<u>Att Doc Num</u>	<u>Name</u>
402532775	CEMENT JOB SUMMARY
402532776	OPERATIONS SUMMARY
402532777	WELLBORE DIAGRAM

Total Attach: 3 Files

**General Comments**

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
		Stamp Upon Approval

Total: 0 comment(s)