

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.

Document Number:
 402532774
 Date Received:

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: _____
 Email: _____
COGCC contact:

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
 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
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, H2S 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 Number of Days from Setting Surface Plug
Surface Plug Setting Date: 10/18/2020 Cut and Cap Date: 10/18/2020 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:

COA Type

Description

COA Type	Description

Attachment Check List

Att Doc Num

Name

402532775	CEMENT JOB SUMMARY
402532776	OPERATIONS SUMMARY
402532777	WELLBORE DIAGRAM

Total Attach: 3 Files

General Comments

User Group

Comment

Comment Date

User Group	Comment	Comment Date
		Stamp Upon Approval

Total: 0 comment(s)