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Replug By Other Operator

Document Number:

402501762

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: Serna, Abe Tel: (720) 661-7317
COGCC contact: Email: abe.serna@state.co.us

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: _____ Type of GPS Quality Value: Accuracy in Meters Date of Measurement: 09/28/2020
 GPS Instrument Operator's Name: Randall French

Reason for Abandonment: Dry Production Sub-economic Mechanical Problems

Other Re-enter to Re-plug for PDC's Seeley Federal development

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	Weight Per Foot	Setting Depth	Sacks Cement	Cement Bot	Cement Top	Status
SURF	12+1/4	8+5/8	24	175	150	175	0	VISU
1ST	7+7/8	4+1/2	10.5	7,744	50	7,744	7,606	CALC

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 237 sks cmt from 6700 ft. to 6200 ft. Plug Type: OPEN HOLE Plug Tagged:
 Set 237 sks cmt from 3500 ft. to 3000 ft. Plug Type: OPEN HOLE Plug Tagged:
 Set 237 sks cmt from 1690 ft. to 1190 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 238 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. _____ inch casing Cut and Cap Date: _____
 of _____
 *Wireline Contractor: _____ *Cementing Contractor: _____
 Type of Cement and Additives Used: _____
 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 (Intent)
 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)
 Proposed 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 @ 6700' or depth that well allows.
5. RU cementing company. Mix and pump 237 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 tag plug
6. PU tubing to 3500'. RU cementing company. Mix and pump 237 sxs 15.8#/gal CI G cement down tubing (Courtesy coverage from 3500'-3000').
7. PU tubing to 1690'. Mix and pump 237 sxs 15.8#/gal CI G cement down tubing (Pierre Aquifer coverage from 1690'-1190'). PU tubing above plug and SI well.
 - a. Wait 4 hours and tag plug
8. PU tubing to 575'. RU cementing company. Mix and pump 238 sxs 15.8#/gal CI G cement down tubing. Cement should circulate to surface.
9. RDMO WO unit. Remove extension of surface pipe. Top off if necessary.
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: _____

Expiration Date: _____

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

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
402501814	WELLBORE DIAGRAM
402501815	WELLBORE DIAGRAM
402501816	OTHER
402501817	SURFACE OWNER CONSENT
402501818	LOCATION PHOTO

Total Attach: 5 Files

General Comments

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

Total: 0 comment(s)