

Document Number:
402368409

Date Received:
04/12/2020

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: _____
 Email: _____

COGCC contact: _____

Type of Well Abandonment Report: Notice of Intent to Abandon Subsequent Report of Abandonment

API Number 05-123-28116-00
 Well Name: Moody Well Number: 41-32D
 Location: QtrQtr: SWNE Section: 32 Township: 7N Range: 66W Meridian: 6
 County: WELD Federal, Indian or State Lease Number: _____
 Field Name: EATON Field Number: 19350

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.533750 Longitude: -104.799750
 GPS Data: GPS Quality Value: 1.7 Type of GPS Quality Value: _____ Date of Measurement: 06/06/2011
 GPS Instrument Operator's Name: Holly L Tracy

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	7581	7589	08/07/2018	B PLUG CEMENT TOP	7225
NIOBRARA	7275	7408	08/07/2018	B PLUG CEMENT TOP	7225

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	951	670	951	0	VISU
1ST	7+7/8	4+1/2	11.6	7,731	990	7,731	0	CBL

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 25 sks cmt from 2665 ft. to 2285 ft. Plug Type: CASING 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 114 sacks half in. half out surface casing from 1592 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 Cut and Cap Date: 03/12/2020
*Wireline Contractor: _____ *Cementing Contractor: NexTier
Type of Cement and Additives Used: Type III 14.8 PPG Portland Cement
Flowline/Pipeline has been abandoned per Rule 1105 Yes No

Technical Detail/Comments:

Moody 41-32D (05-123-28116)/Plugging Procedure
Producing Formation: Niobrara/Codell: 7275'-7589'
Upper Pierre Aquifer: 400'-1480'
TD: 7742' PBD: 7008' (8/6/2018)
Surface Casing: 8 5/8" 24# @ 951' w/ 670 sxs
Production Casing: 4 1/2" 11.6# @ 7731' w/ 990 sxs cmt (TOC @ surface - CBL)
• Existing CIBP set @ 7225' w/ 2 sxs cmt (8/7/2018)

Procedure:

1. MIRU pulling unit. Pull 2 3/8" tubing.
2. TIH with tubing and tag existing dump bail of CIBP @ 7225'.
3. TIH with tubing to 2665'. RU cementing company. Mix and pump 25 sxs 14.8#/gal Type III cement down tubing. TOC at 2285'.
4. Pick up tubing to 1592'. Mix and pump 114 sxs 14.8#/gal Type III cement down tubing. (Pierre coverage from 1580'-surface) Cement circulate to surface.
5. 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: 4/12/2020 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

COA Type	Description
0 COA	

Attachment List

Att Doc Num

Name

402368409	FORM 6 SUBSEQUENT SUBMITTED
402368410	CEMENT JOB SUMMARY
402368411	OPERATIONS SUMMARY
402368412	WELLBORE DIAGRAM

Total Attach: 4 Files

General Comments

User Group

Comment

Comment Date

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