

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



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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:

COGCC contact:

Email:

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☐ 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
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**

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)