

FORM  
6Rev  
12/05State 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
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## 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: Jenifer Hakkarinen
Name of Operator: PDC ENERGY INC	Phone: (303) 8605800
Address: 1775 SHERMAN STREET - STE 3000	Fax:
City: DENVER State: CO Zip: 80203	Email: Jenifer.Hakkarinen@pdce.com
For "Intent" 24 hour notice required, Name: Tel:	
COGCC contact: Email:	

API Number 05-123-11509-00	Well Number: 28-2
Well Name: MELLON	
Location: QtrQtr: SESW Section: 28 Township: 5N Range: 67W Meridian: 6	
County: WELD	Federal, Indian or State Lease Number: 65461
Field Name: WATTENBERG	Field Number: 90750

☐ Notice of Intent to Abandon ☒ Subsequent Report of Abandonment

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

Latitude: 40.364970	Longitude: -104.900440
GPS Data:	
Date of Measurement: 07/25/2007	PDOP Reading: 2.4
GPS Instrument Operator's Name: Holly L. Tracy	
Reason for Abandonment: <input type="checkbox"/> Dry <input type="checkbox"/> Production Sub-economic <input type="checkbox"/> Mechanical Problems	
<input type="checkbox"/> Other	
Casing to be pulled: <input type="checkbox"/> Yes <input type="checkbox"/> No	Estimated Depth:
Fish in Hole: <input type="checkbox"/> Yes <input type="checkbox"/> No	If yes, explain details below
Wellbore has Uncemented Casing leaks: <input type="checkbox"/> Yes <input type="checkbox"/> 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	7000	7010	01/12/2018	B PLUG CEMENT TOP	6664
NIOBRARA	6690	6801	01/12/2018	B PLUG CEMENT TOP	6664
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	331	225	331	0	VISU
1ST	7+7/8	4+1/2	11.6	7,098	225	7,098	6,242	CALC

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6664 with 2 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 100 sks cmt from 1600 ft. to 1400 ft. Plug Type: STUB PLUG Plug Tagged: ☐  
Set 300 sks cmt from 619 ft. to 0 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: ☐  
Set \_\_\_\_\_ sks cmt from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Plug Type: \_\_\_\_\_ Plug Tagged: ☐

Perforate and squeeze at 4546 ft. with 145 sacks. Leave at least 100 ft. in casing 4365 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 \_\_\_\_\_ sacks half in. half out surface casing from \_\_\_\_\_ ft. to \_\_\_\_\_ 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: 1500 ft. of 4+1/2 inch casing Plugging Date: 01/12/2018

\*Wireline Contractor: Cased Hole Solutions

\*Cementing Contractor: C&J

Type of Cement and Additives Used: 15.8#/gal CI G + 2% CaCL2 cement

Flowline/Pipeline has been abandoned per Rule 1103 ☐ Yes ☐ No

\*ATTACH JOB SUMMARY

#### Technical Detail/Comments:

Mellon 28-2 (05-123-11509)/Plugging Procedure  
Producing Formation (Perforations): Niobrara: 6690'-6801' Codell: 7000'-7010'  
TD: 7105' PBTD: 7015'  
Surface Casing: 8 5/8" 24# @ 331' w/ 225 sxs  
Production Casing: 4 1/2" 11.6# @ 7094' w/ 225 sxs cmt (TOC @ 6242' - CBL).

Tubing: 2 3/8" tubing set @ 6986' (4/29/2008).

#### Procedure:

1. MIRU pulling unit. Pull 2 3/8" tubing.
2. RU wireline company.
3. TIH with CIBP. Set BP at 6664'. Top with 2 sxs 15.8#/gal CI G cement.
4. Shoot lower squeeze holes at 4546'. Shoot upper squeeze holes at 4350'.
5. Set CICR at 4365'. Sting in and pump 135 sxs 15.8#/gal CI G cement. Sting out and pump 10 sxs on top of CICR.
6. TIH with casing cutter. Cut 4 1/2" casing at 1500'. Pull cut casing.
7. TIH with tubing to 1600'. RU cementing company. Mix and pump 100 sxs 15.8#/gal CI G + 2% CaCL2 cement down tubing. Wait 8 hours or overnight. Check to see if there is any bradenhead pressure or fluid flow after stub plug is set. No flow.
8. TIH with tubing to 619'. RU cementing company. Mix and pump 300 sxs 15.8#/gal CI G + 2% CaCL2 cement down tubing. Cement circulate to surface.
9. 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: Jenifer Hakkarinen

Title: Reg Tech

Date: \_\_\_\_\_

Email: Jenifer.Hakkarinen@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>
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**Attachment Check List**

<u>Att Doc Num</u>	<u>Name</u>
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401544659	WELLBORE DIAGRAM
401544677	CEMENT JOB SUMMARY
401544704	WIRELINE JOB SUMMARY

Total Attach: 3 Files

**General Comments**

<u>User Group</u>	<u>Comment</u>
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**Comment Date**

		Stamp Upon Approval
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Total: 0 comment(s)