

FORM  
6Rev  
12/05

# 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:

401042444

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: 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 05-123-13132-00

Well Name: PURVIS

Well Number: 10-2

Location: QtrQtr: SWSE Section: 10 Township: 4N Range: 67W Meridian: 6

County: WELD

Federal, Indian or State Lease Number: 68367

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: 40.320940

Longitude: -104.875610

GPS Data:

Date of Measurement: 04/02/2008

PDOP Reading: 2.1

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	7206	7223	04/21/2016	B PLUG CEMENT TOP	6838
NIOBRARA	6893	7091	04/21/2016	B PLUG CEMENT TOP	6838

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	312	215	312	0	VISU
1ST	7+7/8	2+7/8	6.4	7,291	450	7,291	5,860	CBL

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6838 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 \_\_\_\_\_ 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: ☐  
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 335 sacks half in. half out surface casing from 630 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: 525 ft. of 2+7/8 inch casing Plugging Date: 04/21/2016  
\*Wireline Contractor: Magna \*Cementing Contractor: Magna  
Type of Cement and Additives Used: 15.8 ppg Class G  
Flowline/Pipeline has been abandoned per Rule 1103 ☐ Yes ☐ No \*ATTACH JOB SUMMARY

#### Technical Detail/Comments:

Purvis 10-2 (05-123-13132)/Plugging Procedure  
Producing Formation: Nobrara - Codell  
Existing Perforations: Niobrara 6893'-7091' Codell 7206'-7223'  
TD: 7293' PBD: 7236'  
Surface Casing: 8" 24# @ 312' w/ 215 sks cmt.  
Production Casing: 2 7/8" 6.4# @ 7291' w/ 450 sks cmt (TOC 5860' CBL).

#### Procedure:

1. MIRU pulling unit. TOOH with tubing.
2. Rig up wireline company. TIH with CIBP. Set CIBP at 6838'. TIH with dump bailer. Spot 2 sxs of 15.8#/gal CI G cement on top of CIBP.
3. Pressure test casing to 300 psi.
4. TIH with casing cutter. Cut casing at 525. Pull 2 7/8" casing.
5. TIH with tubing to 630'. Mix and pump 335 sxs of 15.8#/gal CI G cement. Cement to surface.
6. 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:**

**COA Type**

**Description**

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**Attachment Check List**

**Att Doc Num**

**Name**

401042450	WELLBORE DIAGRAM
401042455	CEMENT JOB SUMMARY

Total Attach: 2 Files

**General Comments**

**User Group**

**Comment**

**Comment Date**

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Total: 0 comment(s)