

**FORM**  
**6**  
Rev  
11/20

**State of Colorado**  
**Energy & Carbon Management Commission**



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1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109

**Replug By Other Operator**

Document Number:

403584046

Date Received:

11/03/2023

**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: 1099 18TH STREET SUITE 1500 Fax: \_\_\_\_\_  
 City: DENVER State: CO Zip: 80202 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 05-001-07191-00  
 Well Name: BRIGHTON FARMS LTD Well Number: 1  
 Location: QtrQtr: SWSW Section: 31 Township: 1S Range: 66W Meridian: 6  
 County: ADAMS Federal, Indian or State Lease Number: \_\_\_\_\_  
 Field Name: WATTENBERG Field Number: 90750

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

Latitude: 39.917060 Longitude: -104.824650  
 GPS Data: GPS Quality Value: 1.1 Type of GPS Quality Value: PDOP Date of Measurement: 07/13/2023

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

Total: 0 zone(s)

**Casing History**

Casing Type	Size of Hole	Size of Casing	Grade	Wt/Ft	Csg/Liner Top	Setting Depth	Sacks Cmt	Cmt Btm	Cmt Top	Status
SURF	12+1/4	8+5/8	J55	24	0	204	180	204	0	VISU
OPEN HOLE	7+7/8		J55		204	8355				

## 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 250 sks cmt from 7349 ft. to 4632 ft. Plug Type: OPEN HOLE Plug Tagged:   
Set 120 sks cmt from 2411 ft. to 2067 ft. Plug Type: OPEN HOLE Plug Tagged:   
Set 250 sks cmt from 1442 ft. to 755 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 510 sacks half in. half out surface casing from 695 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

Surface Plug Setting Date: 08/31/2023 Cut and Cap Date: 09/08/2023 Number of Days from Setting Surface Plug to Capping or Sealing the Well: 8

\*Wireline Contractor: \_\_\_\_\_

\*Cementing Contractor: DUCO Inc. Cementing Services

Type of Cement and Additives Used: Class G 15.8 PPG Cement

Flowline/Pipeline has been abandoned per Rule 1105  Yes  No

Technical Detail/Comments:

Brighton Farms LTD 1 (05-001-07191)/Re-Enter to Re-Plug Procedure  
Original Abandon Date: 11/23/1976  
Abandoned Formation: N/A (DA well)

Base of Pierre Aquifer: 2305' Deepest Water Well: 1321'  
Base of Fox Hills: 1236' Lower Arapahoe: 350'-595'  
TD: 8385'  
Surface Casing: 8 5/8" 24# @ 204' w/ 180 sxs cmt  
Open Hole: 7 7/8"?? @ 204'-8385' (Open Hole OD is assumed)  
Existing Plugs: 1200'-950' (100 sxs cmt), 250'-200' (15 sxs cmt), 32' to surface (10 sxs cmt)  
Procedure:

1. Dig out to find wellhead and check pressure.
2. Cut cap off, extend surface pipe to achieve ground level.
3. MIRU WO unit, ND wellhead, NU BOP, tally all pipe to be ran in well.
4. Mill cement, cement bottom is approximately 1200' according to well history data.
5. Wash run down to top of Niobrara @ 7389' or depth that well allows.
6. PU tubing to 7349'. RU cementing company. Mix and pump 250 sxs 15.8#/gal CI G cement down tubing. (Top of Niobrara @ 7389', coverage from 7340'-6840') PU tubing above plug and SI well.
  - a. Wait 4 hours and tagged TOC at 4632'.
7. PU tubing to 2411'. Mix and pump 120 sxs 15.8#/gal CI G cement down tubing (Pierre Aquifer coverage from 2405'-2205'). PU tubing above plug and SI well.
  - a. Wait 4 hours and tagged TOC at 2067'.
8. PU tubing to 1442'. Mix and pump 250 sxs 15.8#/gal CI G cement down tubing (Fox Hills and Water Well coverage from 1421'-919'). PU tubing above plug and SI well.
  - a. Wait 4 hours and tagged TOC at 755'.
9. PU tubing to 695'. RU cementing company. Mix and pump 510 sxs 15.8#/gal CI G cement down tubing. Cement circulate to surface.
10. RDMO WO unit. Remove extension of surface pipe. 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 Analyst Date: 11/3/2023 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: 11/8/2023

**CONDITIONS OF APPROVAL, IF ANY:**

COA Type	Description
0 COA	

**Attachment List**

Att Doc Num	Name
403584046	WELL ABANDONMENT REPORT (SUBSEQUENT)
403584076	CEMENT JOB SUMMARY
403584078	OTHER
403584080	OPERATIONS SUMMARY
403584084	WELLBORE DIAGRAM
403588835	FORM 6 SUBSEQUENT SUBMITTED

Total Attach: 6 Files

**General Comments**

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

Total: 0 comment(s)