

FORM
6Rev
11/20

State of Colorado

Energy & Carbon Management Commission

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



DE ET OE ES

Replug By Other Operator

Document Number:

403584046

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: 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:

COGCC contact:

Email:

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 Number of Days from Setting Surface Plug
Surface Plug Setting Date: 08/31/2023 Cut and Cap Date: 09/08/2023 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: _____

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: _____

Date: _____

CONDITIONS OF APPROVAL, IF ANY:

COA Type

Description

0 COA	

Attachment List

Att Doc Num

Name

403584076	CEMENT JOB SUMMARY
403584078	OTHER
403584080	OPERATIONS SUMMARY
403584084	WELLBORE DIAGRAM

Total Attach: 4 Files

General Comments

User Group

Comment

Comment Date

		Stamp Upon Approval
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Total: 0 comment(s)