

FORM  
6Rev  
11/20

# 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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**Replug By Other Operator**

Document Number:

402817708

Date Received:

09/21/2021

**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 05-123-15482-00

Well Name: BRUZEWSKI

Well Number: 33-15F

Location: QtrQtr: SWSE

Section: 33

Township: 4N

Range: 66W

Meridian: 6

County: WELD

Federal, Indian or State Lease Number:

Field Name: WATTENBERG

Field Number: 90750

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

Latitude: 40.262750

Longitude: -104.779350

GPS Data: GPS Quality Value: 1.6 Type of GPS Quality Value: PDOP Date of Measurement: 04/27/2021

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	23	0	507	365	507	0	VISU
OPEN HOLE	7+7/8		J55			7395				

## 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	40	sks cmt from	6999	ft. to	6899	ft.	Plug Type:	OPEN HOLE	Plug Tagged:	<input type="checkbox"/>
Set	40	sks cmt from	6347	ft. to	6447	ft.	Plug Type:	OPEN HOLE	Plug Tagged:	<input type="checkbox"/>
Set	40	sks cmt from	4482	ft. to	4296	ft.	Plug Type:	OPEN HOLE	Plug Tagged:	<input checked="" type="checkbox"/>
Set	307	sks cmt from	4145	ft. to	3492	ft.	Plug Type:	OPEN HOLE	Plug Tagged:	<input checked="" type="checkbox"/>
Set	123	sks cmt from	1521	ft. to	1299	ft.	Plug Type:	OPEN HOLE	Plug Tagged:	<input checked="" type="checkbox"/>

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 269 sacks half in. half out surface casing from 719 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: 06/16/2021 Cut and Cap Date: 06/25/2021 Number of Days from Setting Surface Plug to Capping or Sealing the Well: 9

\*Wireline Contractor: \_\_\_\_\_ \*Cementing Contractor: Magnum Cementing Services

Type of Cement and Additives Used: Type III 14.1 PPG MAG S Cement

Flowline/Pipeline has been abandoned per Rule 1105 ☐ Yes ☐ No

#### Technical Detail/Comments:

Bruzewski 33-15F (05-123-15482)/Re-Enter to Re-Plug Procedure  
 Abandoned Formation: N/A DA well (2/23/1992)  
 Upper Pierre Aquifer: 595'-1405'  
 Deepest Water Well: 520'  
 TD: 7395'  
 Surface Casing: 8 5/8" 23# @ 507' w/ 365 sxs  
 Open Hole: 7 7/8" @ 7395'  
 Existing Plugs: 6999'-6899' (40 sxs), 6447'-6347' (40 sxs), 4482'-4382' (40 sxs), 550'-497' (15 sxs), 32' to surface (10 sxs)  
 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 btm of surface shoe plug is at 550', according to cement invoice.  
 5. Wash run down and tagged plug at 4296' (estimated TOC to be at ~4382').  
 6. PU tubing to 4145'. RU cementing company. Mix and pump 307 sxs 14.1#/gal Type III MAG S cement down tubing (Coverage from 4141' to 3461'). PU tubing above plug and SI well. (Top of Sussex @ 4191')  
 a. Wait 4 hours and tagged TOC at 3492'.  
 7. PU tubing to 1521'. RU cementing company. Mix and pump 123 sxs 14.1#/gal Type III MAG S cement down tubing (Pierre Aquifer coverage from 1505'-1305'). PU tubing above plug and SI well.  
 a. Wait 4 hours and tagged TOC at 1299'.  
 8. PU tubing to 719'. RU cementing company. Mix and pump 269 sxs 14.1#/gal Type III MAG S cement down tubing. Cement circulate to surface.  
 9. RDMO WO unit. Remove extension of surface pipe.  
 10. 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 Tech Date: 9/21/2021 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: McFarland, Nick Date: 12/8/2021

**CONDITIONS OF APPROVAL, IF ANY:**

**Condition of Approval**

**COA Type**

**Description**

0 COA	

**Attachment List**

**Att Doc Num**

**Name**

402817708	FORM 6 SUBSEQUENT SUBMITTED
402817748	OTHER
402817751	OPERATIONS SUMMARY
402817752	WELLBORE DIAGRAM
402817758	CEMENT JOB SUMMARY

Total Attach: 5 Files

**General Comments**

**User Group**

**Comment**

**Comment Date**

Engineer	Ops notice given. Zones and casing history are consistent with approved intent. Procedure, WBD and tickets are consistent.	12/08/2021
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Total: 1 comment(s)