

Replug By Other Operator

Document Number:
402817708

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: 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: _____
 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 307 sks cmt from 4145 ft. to 3492 ft. Plug Type: OPEN HOLE Plug Tagged:
 Set 123 sks cmt from 1521 ft. to 1299 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 _____ 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 Number of Days from Setting Surface Plug to Capping or Sealing the Well: _____
 Surface Plug Setting Date: 06/16/2021 Cut and Cap Date: 06/25/2021
 *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'
 Depest 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: _____

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:

Condition of Approval

COA Type

Description

<u>COA Type</u>	<u>Description</u>
0 COA	

Attachment List

Att Doc Num

Name

402817748	OTHER
402817751	OPERATIONS SUMMARY
402817752	WELLBORE DIAGRAM
402817758	CEMENT JOB SUMMARY

Total Attach: 4 Files

General Comments

User Group

Comment

Comment Date

		Stamp Upon Approval
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Total: 0 comment(s)