

Document Number:
402976790

Date Received:
03/20/2022

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: _____

COGCC contact: _____

Type of Well Abandonment Report: Notice of Intent to Abandon Subsequent Report of Abandonment

API Number 05-123-24724-00
 Well Name: WIEDEMAN Well Number: 29-29
 Location: QtrQtr: NWSW Section: 29 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: 40.281110 Longitude: -104.808810
 GPS Data: GPS Quality Value: 4.8 Type of GPS Quality Value: PDOP Date of Measurement: 12/10/2007

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
NIOBRARA-CODELL	7034	7354	12/08/2021	B PLUG CEMENT TOP	6984

Total: 1 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	461	330	461	0	VISU
1ST	7+7/8	4+1/2	J55	11.6	0	7474	926	7474	1325	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6984 with 2 sacks cmt on top. CIBP #2: Depth 4795 with 2 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 17 sks cmt from 2524 ft. to 2300 ft. Plug Type: CASING 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 1370 ft. with 31 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 122 sacks half in. half out surface casing from 1230 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: 89
Surface Plug Setting Date: 12/09/2021 Cut and Cap Date: 03/08/2022

*Wireline Contractor: SureFire Wireline Services *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:

Wiedeman 29-29 (05-123-24724)/Plugging Procedure
Producing Formation: Niobrara/Codell: 7034'-7354'

Upper Pierre Aquifer: 360'-1370'

TD: 7485' PBTD: 7420.75' (1/5/17)

Surface Casing: 8 5/8" 24# @ 461' w/ 330 sxs cmt

Production Casing: 4 1/2" 11.6# @ 7474' w/ 926 sxs (TOC @ 1450' - CBL)

Procedure:

1. MIRU pulling unit. Pull 2 3/8" Tubing.
2. RU wireline company.
3. TIH with CIBP. Set BP at 6984'. Top with 2 sx 15.8#/gal CI G cement. (Top of Nio perfs @ 7034')
4. TIH with CIBP. Set BP at 4795'. Top with 2 sx 15.8#/gal CI G cement. (Top of Shannon @ 4845')
5. Ran a CBL from 4200' to Surface. Showed cement from 2350'-2300', 1670'-1600', and also cement from 1520'- 1450'. Contacted the State and moved forward with the approved procedure change.
6. TIH with perf gun. Shoot perfs at 1370'.
7. TIH with tubing to 2524'. RU cementing company. Mix and pump 17 sxs 15.8#/gal CI G cement down tubing. (Coverage from 2550'-2300') TOC at 2300'.
8. TIH with tubing to 1483'. Sting in and pump 31 sxs 15.8#/gal CI G cement down tubing and through perfs at 1370'. (Pierre coverage from 1470'-1270') TOC tagged at 1231'.
9. Pick up with tubing to 1230'. Mix and pump 122 sxs 15.8#/gal CI G cement down tubing. Cement circulate to surface.
10. Well casing cut and capped per COGCC guidelines at a depth as not to interfere with soil cultivation.

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: 3/20/2022 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: 8/3/2022

CONDITIONS OF APPROVAL, IF ANY:

Condition of Approval

COA Type	Description
0 COA	

Attachment List

Att Doc Num	Name
402976790	FORM 6 SUBSEQUENT SUBMITTED
402976806	CEMENT BOND LOG
402976807	CEMENT JOB SUMMARY
402976808	OPERATIONS SUMMARY
402979806	OTHER
402979830	WELLBORE DIAGRAM
402989457	OTHER

Total Attach: 7 Files

General Comments

User Group	Comment	Comment Date
		Stamp Upon Approval

Total: 0 comment(s)