

Document Number:
 402914549
 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: Jessica Johannsen
 Name of Operator: PDC ENERGY INC Phone: (303) 860-5800
 Address: 1775 SHERMAN STREET - STE 3000 Fax: _____
 City: DENVER State: CO Zip: 80203 Email: jessica.johannsen@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 05-123-26946-00
 Well Name: DGDG Well Number: 28C
 Location: QtrQtr: NWNE Section: 28 Township: 5N Range: 67W 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: 40.374500 Longitude: -104.893080
 GPS Data: GPS Quality Value: 2.2 Type of GPS Quality Value: _____ Date of Measurement: 03/02/2009

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
CODELL	7135	7143	10/28/2021	B PLUG CEMENT TOP	7085

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	489	350	489	0	VISU
1ST	7+7/8	4+1/2	J55	11.6	0	7268	952	7268	336	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7085 with 2 sacks cmt on top. CIBP #2: Depth 6792 with 2 sacks cmt on top.
CIBP #3: Depth 2500 with 2 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 120 sks cmt from 1320 ft. to 0 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 325 ft. with 90 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 _____ sacks half in. half out surface casing from _____ ft. to _____ 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: 10/28/2021 Cut and Cap Date: 12/28/2021 to Capping or Sealing the Well: 61

*Wireline Contractor: Surefire *Cementing Contractor: Duco, Inc

Type of Cement and Additives Used: 15.8# 'G'

Flowline/Pipeline has been abandoned per Rule 1105 Yes No

Technical Detail/Comments:

DGDG 28C (05-123-26946)/Plugging Procedure
Producing Formation: Codell: 7135'-7143'

Upper Pierre Aquifer: 320'-1200'

TD: 7298' PBTD: 7240' (1/6/09)

Surface Casing: 8 5/8" 24# @ 489' w/ 350 sxs cmt

Production Casing: 4 1/2" 11.6# @ 7268' w/ 952 sxs (TOC @ 336' - CBL)

Procedure:

1. MIRU pulling unit. Pull 2 3/8" tubing.
2. RU wireline company.
3. TIH with CIBP. Set BP at 7085'. Top with 2 sx 15.8#/gal CI G cement. (Top of Codell perms @ 7135')
4. TIH with CIBP. Set BP at 6792'. Top with 2 sx 15.8#/gal CI G cement. (Top of Niobrara @ 6842')
5. TIH with CIBP. Set BP at 2500'. Top with 2 sx 15.8#/gal CI G cement.
6. TIH with perf gun. Shoot holes at 325'.
7. TIH with tubing to 1320'. RU cementing company. Mix and pump 120 sxs 15.8#/gal CI G cement down tubing. Cement circulate to surface.
8. Close off casing returns. Hook up cement line to cement flange and pump 90 sxs 15.8#/gal CI G cement downhole and squeeze through perms at 325' into annular space. Cement circulate to surface.
9. 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: Jessica Johannsen

Title: Regulatory Analyst

Date: _____

Email: jessica.johannsen@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

COA Type	Description

Attachment List

Att Doc Num

Name

402914550	CEMENT JOB SUMMARY
402914551	OTHER
402914552	OPERATIONS SUMMARY
402914553	WELLBORE DIAGRAM

Total Attach: 4 Files

General Comments

User Group

Comment

Comment Date

User Group	Comment	Comment Date
		Stamp Upon Approval

Total: 0 comment(s)