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 402927775

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 05-123-14258-00  
 Well Name: NOFFSINGER Well Number: 11-33  
 Location: QtrQtr: NWNW Section: 33 Township: 6N Range: 64W Meridian: 6  
 County: WELD Federal, Indian or State Lease Number: 67809  
 Field Name: WATTENBERG Field Number: 90750

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

Latitude: 40.448386 Longitude: -104.562794  
 GPS Data: GPS Quality Value: 2.3 Type of GPS Quality Value: PDOP Date of Measurement: 10/08/2021

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
NIOBRARA-CODELL	6595	6904	10/26/2021	B PLUG CEMENT TOP	6545

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	334	175	334	0	VISU
1ST	7+7/8	4+1/2	J55	15.1	0	7037	220	7037	6188	CBL

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6545 with 2 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 100 sks cmt from 1591 ft. to 1335 ft. Plug Type: STUB PLUG Plug Tagged:   
Set 478 sks cmt from 808 ft. to 0 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 3358 ft. with 86 sacks. Leave at least 100 ft. in casing 3373 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 20 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: 1535 ft. of 4+1/2 inch casing Number of Days from Setting Surface Plug  
Surface Plug Setting Date: 10/27/2021 Cut and Cap Date: 01/12/2022 to Capping or Sealing the Well: 77

\*Wireline Contractor: Ranger

\*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:

Noffsinger 11-33 (05-123-14258) / Plugging Procedure  
Producing Formations: Niobrara/Codell: 6595'-6904'

Upper Pierre Aquifer: 410'-1435'

Deepest Water Well: 700'

TD: 7037' PBD: 6941' (6/5/1989)

Surface Casing: 8 5/8" 24# @ 334' w/ 165 sxs cmt

Production Casing: 4 1/2" 15.1# @ 7037' w/ 220 sxs (TOC @ 6188' - CBL)

Procedure:

1. MIRU pulling unit. Pull 2 3/8" tubing.
2. RU wireline company.
3. TIH with CIBP. Set BP at 6545'. Top with 2 sxs 15.8#/gal CI G cement. (Top of Nio perms @ 6595')
4. TIH with perf gun. Shoot lower squeeze holes at 3558' and upper squeeze holes at 3358'.
5. TIH with CICR. Set CICR at 3373'. RU cementing company. Sting in and pump 86 sxs 15.8#/gal CI G cement. Sting out and leave 10 sxs (of the 86 sxs) cement on top of CICR. (Top of Parkman @ 3608') TOC at
6. TIH with casing cutter. Cut 4 1/2" casing @ 1535'. Pull cut casing.
7. TIH with tubing to 1591'. RU cementing company. Mix and pump 100 sxs 15.8#/gal CI G cement down tubing. (Pierre Coverage from 1585'-1335') TOC at
8. Wait a sufficient time to confirm static conditions. If at any time after placing this plug there is evidence of pressure or fluid migration, contact engineering before continuing operations.
9. Pick up tubing to 808'. Mix and pump 478 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: 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**

402927786	CEMENT JOB SUMMARY
402927790	OTHER
402927791	OPERATIONS SUMMARY
402927792	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)