

Document Number:  
 402649395  
 Date Received:  
 04/06/2021

**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: \_\_\_\_\_  
 Email: \_\_\_\_\_  
**COGCC contact:**

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

API Number 05-123-15572-00  
 Well Name: AGRICULTURAL PROD INC Well Number: 11-2F  
 Location: QtrQtr: NWNE Section: 11 Township: 4N Range: 66W Meridian: 6  
 County: WELD Federal, Indian or State Lease Number: 66794  
 Field Name: WATTENBERG Field Number: 90750

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

Latitude: 40.331370 Longitude: -104.741530  
 GPS Data: GPS Quality Value: 2.0 Type of GPS Quality Value: \_\_\_\_\_ Date of Measurement: 07/06/2006  
 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 | 6865      | 7205      | 02/05/2021     | B PLUG CEMENT TOP   | 6815       |

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             | 517           | 360       | 517     | 0       | VISU   |
| 1ST         | 7+7/8        | 4+1/2          | J55   | 11.6  | 0             | 7301          | 200       | 7301    | 6390    | CBL    |
| S.C. 1.1    |              |                |       |       |               | 4150          | 200       | 4150    | 3810    | CBL    |

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6815 with 2 sacks cmt on top. CIBP #2: Depth 4073 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 100 sks cmt from 2564 ft. to 2300 ft. Plug Type: STUB PLUG Plug Tagged:   
 Set 100 sks cmt from 1462 ft. to 1251 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 395 sacks half in. half out surface casing from 720 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: 2500 ft. of 4+1/2 inch casing Number of Days from Setting Surface Plug to Capping or Sealing the Well: 8  
 Surface Plug Setting Date: 02/08/2021 Cut and Cap Date: 02/16/2021

\*Wireline Contractor: Rocky Mtn Wireline Services \*Cementing Contractor: NexTier 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:

Agricultural Prod Inc 11-2F (05-123-15572)/Plugging Procedure  
 Producing Formation: Niobrara/Codell: 6865'-7205'  
 Upper Pierre Aquifer: 380'-1360'  
 TD: 7308' PBTD: 7263' (1/25/2012)  
 Surface Casing: 8 5/8" 24# @ 517' w/ 360 sxs cmt  
 Production Casing: 4 1/2" 11.6# @ 7301' w/ 400 sxs cmt (TOC @ 3810' - CBL)

#### Procedure:

1. MIRU pulling unit. Pull 2 3/8" tubing.
2. RU wireline company.
3. TIH with CIBP. Set BP at 6815'. Top with 2 sxs 15.8#/gal CI G cement. (Top of Nio perms @ 6865')
4. TIH with CIBP. Set BP at 4073'. Top with 2 sxs 15.8#/gal CI G cement. (Top of Sussex @ 4123')
5. Ran a Strip Log from 2600' to Surface (for casing cut verification, log not kept).
6. TIH with casing cutter. Cut 4 1/2" casing @ 2500'. Pull cut casing.
7. TIH with tubing to 2564'. RU cementing company. Mix and pump 100 sxs 15.8#/gal CI G cement down tubing. (Stub plug from 2550'-2300') TOC at 2300'.
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. TIH with tubing to 1462'. Mix and pump 100 sxs 15.8#/gal CI G cement down tubing. (Pierre coverage from 1460'-1260') TOC tagged at 1251'.
10. Pick up tubing to 720'. Mix and pump 395 sxs 15.8#/gal CI G cement down tubing. Cement circulate to surface.
11. Cut surface casing 6' below ground level and weld on cap.

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: 4/6/2021

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: Jacobson, Eric

Date: 6/28/2021

**CONDITIONS OF APPROVAL, IF ANY:**

**Condition of Approval**

**COA Type**

**Description**

|       |  |
|-------|--|
| 0 COA |  |
|-------|--|

**Attachment List**

**Att Doc Num**

**Name**

|           |                             |
|-----------|-----------------------------|
| 402649395 | FORM 6 SUBSEQUENT SUBMITTED |
| 402649411 | CEMENT JOB SUMMARY          |
| 402649412 | OTHER                       |
| 402649413 | OPERATIONS SUMMARY          |
| 402649414 | WELLBORE DIAGRAM            |

Total Attach: 5 Files

**General Comments**

**User Group**

**Comment**

**Comment Date**

|  |  |                     |
|--|--|---------------------|
|  |  | Stamp Upon Approval |
|--|--|---------------------|

Total: 0 comment(s)