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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: Santistevan, Brittani Tel: (720) 471-1110  
**COGCC contact:** Email: brittani.santistevan@state.co.us

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

API Number 05-123-25073-00  
 Well Name: NELSON Well Number: 21-33  
 Location: QtrQtr: NENW Section: 33 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: 40.361780 Longitude: -104.900060  
 GPS Data: GPS Quality Value: 1.9 Type of GPS Quality Value: \_\_\_\_\_ Date of Measurement: 07/11/2007  
 GPS Instrument Operator's Name: HOLLY L. TRACY  
 Reason for Abandonment:  Dry  Production Sub-economic  Mechanical Problems  
 Other \_\_\_\_\_  
 Casing to be pulled:  Yes  No Estimated Depth: 2500  
 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
J SAND	7424	7438			

Total: 1 zone(s)

**Casing History**

Casing Type	Size of Hole	Size of Casing	Weight Per Foot	Setting Depth	Sacks Cement	Cement Bot	Cement Top	Status
SURF	12+1/4	8+5/8	24	615	430	615	0	VISU
1ST	7+7/8	4+1/2	10.5	7,539	410	7,539	6,326	CBL
			Stage Tool	4,930	250	4,930	3,216	CALC

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7374 with 2 sacks cmt on top. CIBP #2: Depth 6574 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 75 sks cmt from 5095 ft. to 4130 ft. Plug Type: CASING Plug Tagged:   
Set 80 sks cmt from 2550 ft. to 2300 ft. Plug Type: STUB PLUG Plug Tagged:   
Set 80 sks cmt from 1360 ft. to 1160 ft. Plug Type: OPEN HOLE Plug Tagged:   
Set 310 sks cmt from 815 ft. to 0 ft. Plug Type: OPEN HOLE 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 \_\_\_\_\_ 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. \_\_\_\_\_ inch casing Cut and Cap Date: \_\_\_\_\_  
of \_\_\_\_\_

\*Wireline Contractor: \_\_\_\_\_ \*Cementing Contractor: \_\_\_\_\_

Type of Cement and Additives Used: \_\_\_\_\_

Flowline/Pipeline has been abandoned per Rule 1105  Yes  No

Technical Detail/Comments:

Nelson 21-33 (05-123-25073) Plugging Procedure (Intent)  
Producing Formation: J-Sand: 7424'-7438'

Upper Pierre Aquifer: 300'-1260'  
TD: 7562' PBD: 7464' (10/11/2007)  
Surface Casing: 8 5/8" 24# @ 615' w/ 430 sxs  
Production Casing: 4 1/2" 10.5# @ 7539' w/ 410 sxs cmt (TOC @ 6326' - CBL)  
DV Tool @ 4930' w/ 250 sxs cmt (TOC @ 3216' - Well History)

Tubing: 2 3/8" tubing set @ 7411' (10/11/2007)

Proposed Procedure:

1. MIRU pulling unit. Pull 2 3/8" tubing.
2. RU wireline company.
3. TIH with CIBP. Set BP at 7374'. Top with 2 sxs 15.8#/gal CI G cement. (Top of J-Sand perms @ 7424')
4. TIH with CIBP. Set BP at 6574'. Top with 2 sxs 15.8#/gal CI G cement. (Top of Niobrara @ 6624')
5. TIH with tubing to 5095'. RU cementing company. Mix and pump 75 sxs 15.8#/gal CI G cement down tubing (DV Tool & Shannon coverage from 5095'-4130').
6. TIH with casing cutter. Cut 4 1/2" casing at 2500'. Pull cut casing.
7. TIH with tubing to 2550'. RU cementing company. Mix and pump 80 sxs 15.8#/gal CI G cement down tubing. (Stub plug from 2550'-2300')
8. TIH with tubing to 1360'. Mix and pump 80 sxs 15.8#/gal CI G cement down tubing (Pierre coverage from 1360'-1160').
9. Pick up tubing to 815'. Mix and pump 310 sxs 15.8#/gal CI G cement down tubing. Cement should circulate to surface (Pierre coverage from 815'-surface).
10. 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: \_\_\_\_\_

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:** \_\_\_\_\_

Expiration Date: \_\_\_\_\_

**COA Type**

**Description**

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**Attachment Check List**

**Att Doc Num**

**Name**

402338791	WELLBORE DIAGRAM
402338792	WELLBORE DIAGRAM

Total Attach: 2 Files

**General Comments**

**User Group**

**Comment**

**Comment Date**

		Stamp Upon Approval
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Total: 0 comment(s)