

FORM  
6Rev  
05/18

# State of Colorado Oil and Gas Conservation Commission

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DE	ET	OE	ES
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## 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: Silver, Randy Tel: (720) 827-6688	
COGCC contact: Email: randy.silver@state.co.us	

API Number: 05-123-25204-00	Well Number: 22-26
Well Name: WASTE MANAGEMENT	
Location: QtrQtr: SENW Section: 26 Township: 3N Range: 64W Meridian: 6	
County: WELD	Federal, Indian or State Lease Number:
Field Name: WATTENBERG	Field Number: 90750

☒ Notice of Intent to Abandon ☐ Subsequent Report of Abandonment

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

Latitude: 40.198140	Longitude: -104.520970
GPS Data:	
Date of Measurement: 09/13/2007	PDOP Reading: 2.3
GPS Instrument Operator's Name: HOLLY L. TRACY	
Reason for Abandonment: <input type="checkbox"/> Dry <input checked="" type="checkbox"/> Production Sub-economic <input type="checkbox"/> Mechanical Problems	
<input type="checkbox"/> Other	
Casing to be pulled: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Estimated Depth: 1800
Fish in Hole: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes, explain details below
Wellbore has Uncemented Casing leaks: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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	6822	6830			
J SAND	7421	7461	08/10/2011	B PLUG CEMENT TOP	7194
Total: 2 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	762	420	762	0	VISU
1ST	7+7/8	4+1/2	10.5	7,608	210	7,608	6,322	CBL
			Stage Tool	5,028	190	5,028	4,200	CBL

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6772 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 <u>40</u> sks cmt from <u>5225</u> ft. to <u>4725</u> ft.	Plug Type: <u>CASING</u>	Plug Tagged: <input type="checkbox"/>
Set <u>255</u> sks cmt from <u>1915</u> ft. to <u>1500</u> ft.	Plug Type: <u>STUB PLUG</u>	Plug Tagged: <input type="checkbox"/>
Set <u>470</u> sks cmt from <u>962</u> ft. to <u>0</u> ft.	Plug Type: <u>OPEN HOLE</u>	Plug Tagged: <input type="checkbox"/>
Set _____ sks cmt from _____ ft. to _____ ft.	Plug Type: _____	Plug Tagged: <input type="checkbox"/>
Set _____ sks cmt from _____ ft. to _____ ft.	Plug Type: _____	Plug Tagged: <input type="checkbox"/>

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 Plugging Date: \_\_\_\_\_  
 of \_\_\_\_\_

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

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

Flowline/Pipeline has been abandoned per Rule 1105 ☐ Yes ☐ No \*ATTACH JOB SUMMARY

#### Technical Detail/Comments:

Waste Management 22-26 (05-123-25204) Plugging Procedure (Intent)

Producing Formation: J-Sand: 7421'-7461' Niobrara: 6822'-6830'

Upper Pierre Aquifer: 880'-1695'

TD: 7626' PBD: 6840'

Surface Casing: 8 5/8" 24# @ 762' w/ 420 sxs

Production Casing: 4 1/2" 10.5# @ 7608' w/ 210 sxs cmt (TOC @ 6322' - CBL).

DV Tool @ 4975.1' w/ 190 sxs cmt (5028' - 4200' - CBL).

Existing CIBP @ 7194' w/ 2 sxs cmt (8/10/2011).

Tubing: 2 3/8" tubing set @ 6807.5' (10/10/2011).

Proposed Procedure:

1. MIRU pulling unit. Pull 2 3/8" tubing.
2. RU wireline company.
3. TIH with CIBP. Set BP at 6772'. Top with 2 sxs 15.8#/gal CI G cement.
4. TIH with tubing to 5225'. Mix and pump 40 sxs 15.8#/gal CI G cement down tubing (DV Tool coverage from 5225'-4725'). TOOH with tubing.
5. TIH with casing cutter. Cut 4 1/2" casing at 1800'. Pull cut casing.
6. TIH with tubing to 1915'. Mix and pump 255 sxs 15.8#/gal CI G cement w/ 2% CaCl down tubing (Pierre coverage from 1915'-1500').
7. Pick up tubing to 962'. Mix and pump 470 sxs 15.8#/gal CI G cement down tubing. Cement should circulate to surface. TOOH with tubing.
8. 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

### Attachment Check List

Att Doc Num	Name
401906118	WELLBORE DIAGRAM
401906119	WELLBORE DIAGRAM
401906120	GYRO SURVEY

Total Attach: 3 Files

### General Comments

User Group	Comment	Comment Date
		Stamp Upon Approval

Total: 0 comment(s)