

FORM  
6

Rev  
05/18

State of Colorado  
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



DE ET OE ES

Document Number:

401539832

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: Jenifer Hakkarinen  
Name of Operator: PDC ENERGY INC Phone: (303) 8605800  
Address: 1775 SHERMAN STREET - STE 3000 Fax:  
City: DENVER State: CO Zip: 80203 Email: Jenifer.Hakkarinen@pdce.com

For "Intent" 24 hour notice required, Name: O'Donnell, Shaun Tel: (720) 305-8280  
COGCC contact: Email: shaun.odonnell@state.co.us

API Number 05-123-23691-00  
Well Name: LOHR Well Number: 5  
Location: QtrQtr: NWNE Section: 13 Township: 5N 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: 40.403333 Longitude: -104.494444  
GPS Data:  
Date of Measurement: 12/15/2009 PDOP Reading: 1.7 GPS Instrument Operator's Name: Brandon Lucason  
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	6372	6484			
CODELL	6652	6666	02/12/2007	B PLUG CEMENT TOP	6524

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	416	330	416	0	
1ST	7+7/8	4+1/2	11.6	6,800	600	6,800	0	CBL

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6322 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 20 sks cmt from 2750 ft. to 2500 ft. Plug Type: CASING Plug Tagged:   
 Set 50 sks cmt from 650 ft. to 0 ft. Plug Type: STUB PLUG 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 \_\_\_\_\_ 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:

Lohr 5 (05-123-23691)/Plugging Procedure (Intent)  
 Producing Formation: Niobrara: 6372'-6484' Codell: 6652'-6666'  
 Upper Pierre Aquifer: 2600'-2650'  
 TD: 6815' PBTD: 6765'  
 Surface Casing: 8 5/8" 24# @ 416' w/ 330 sxs  
 Production Casing: 4 1/2" 11.6# @ 6800' w/ 600 sxs cmt (TOC @ Surface' - CBL). Existing CIBP @ 6524' w/ 2 sxs cmt.  
 Tubing: 2 3/8" tubing set @ 6351' (2/26/2007).  
 Proposed Procedure:  
 1. MIRU pulling unit. Pull 2 3/8" tubing.  
 2. RU wireline company.  
 3. TIH with CIBP. Set BP at 6322'. Top with 2 sxs 15.8#/gal CI G cement.  
 4. TIH with tubing to 2750'. RU cementing company. Mix and pump 20 sxs 15.8#/gal CI G cement down tubing.  
 5. Pick up tubing to 650'. Mix and pump 50 sxs 15.8#/gal CI G cement down tubing. Cement should circulate to surface.  
 6. 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: Jenifer Hakkarinen  
 Title: Production Tech Date: \_\_\_\_\_ Email: Jenifer.Hakkarinen@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**

401539848	WELLBORE DIAGRAM
401539850	WELLBORE DIAGRAM
401539851	GYRO SURVEY

Total Attach: 3 Files

**General Comments**

**User Group**

**Comment**

**Comment Date**

		Stamp Upon Approval
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Total: 0 comment(s)