

Document Number:
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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: Christine Brookshire
 Name of Operator: PDC ENERGY INC Phone: (303) 860-5800
 Address: 1775 SHERMAN STREET - STE 3000 Fax: (303) 860-5838
 City: DENVER State: CO Zip: 80203 Email: christine.brookshire@pdce.com

For "Intent" 24 hour notice required, Name: _____ Tel: _____
 COGCC contact: Email: _____

API Number 05-123-13309-00 Well Number: 28-7
 Well Name: MCCARTY
 Location: QtrQtr: SWNE Section: 28 Township: 4N Range: 67W Meridian: 6
 County: WELD Federal, Indian or State Lease Number: 68354
 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: 40.286250 Longitude: -104.892580
 GPS Data:
 Date of Measurement: 04/02/2008 PDOP Reading: 2.5 GPS Instrument Operator's Name: Holly L. Tracy
 Reason for Abandonment: Dry Production for 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
CODELL	7329	7343	03/22/2014		
NIOBRARA	7038	7204	03/22/2014		

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	26	296	275	296	0	
1ST	7+7/8	2+7/8	11.6	7,420	450	7,420	5,660	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6970 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 50 sks cmt from 5542 ft. to 5437 ft. Plug Type: CASING Plug Tagged:
Set 175 sks cmt from 4018 ft. to 3469 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 600 sacks half in. half out surface casing from 702 ft. to 13 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: 5550 ft. of 2+7/8 inch casing

Plugging Date: 03/22/2014

*Wireline Contractor: Nabors

*Cementing Contractor: Baker Hughes

Type of Cement and Additives Used: 15.8# Class G, Econocem

Flowline/Pipeline has been abandoned per Rule 1103 Yes No

*ATTACH JOB SUMMARY

Technical Detail/Comments:

Plugging Procedure/McCarty 28-7

Codell

Niobrara

Existing Perforations:

Codell: 7329'-7343'

Niobrara: 7038'-7204'

PBTD: 7386'

9 5/8" 36# @ 296' W/ 275 sks cmt.

2 7/8" 6.5# @ 7420' w/ 450 sks cmt.

Procedure:

1. MIRU Workover Rig
2. TIH w/CIBP set at 6970'
3. TIH w/dump bailer and dump 2 sx cement on top of CIBP
4. Ran CBL log from 6000'- surface, original TOC @ 5660' (stringers up to 5610')
5. TIH w/casing cutter, cut & pull casing at 5550'
6. TIH, tagged casing stub @ 5550'
7. TIH set 50 sacks plug at casing stub 5542' (Est. TOC @ 5437')
8. TIH to set 175 sack plug at 4018' (Est. TOC @ 3469')
9. TIH and set 600 sack cement plug 702' to surface
10. TIH, tagged cement top @ 13'
11. Cut surface casing at 6' 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: Christine Brookshire

Title: Regulatory Tech

Date: _____

Email: christine.brookshire@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: _____

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
400640507	WELLBORE DIAGRAM
400640509	CEMENT JOB SUMMARY
400640510	WIRELINE JOB SUMMARY

Total Attach: 3 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>

Total: 0 comment(s)