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400885339

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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: Venessa Langmacher

Name of Operator: PDC ENERGY INC Phone: (303) 318-6102

Address: 1775 SHERMAN STREET - STE 3000 Fax: (303) 831-3988

City: DENVER State: CO Zip: 80203 Email: venessa.langmacher@pdce.com

For "Intent" 24 hour notice required, Name: Rickard, Jeff Tel: (720) 305-8280

COGCC contact: Email: jeffrey.rickard@state.co.us

API Number 05-123-12519-00 Well Number: 34-20

Well Name: PESCHEL

Location: QtrQtr: SWSE Section: 20 Township: 4N Range: 65W Meridian: 6

County: WELD Federal, Indian or State Lease Number: 62431

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: 40.292222 Longitude: -104.684722

GPS Data:
Date of Measurement: 01/14/2010 PDOP Reading: 2.9 GPS Instrument Operator's Name: Brandon Lucason

Reason for Abandonment: Dry Production for Sub-economic Mechanical Problems
 Other _____

Casing to be pulled: Yes No Estimated Depth: 6475

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	7256	7266			
NIOBRARA	6960	7144			

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	306	272	306	0	VISU
1ST	7+7/8	4+1/2	11.6	7,370	260	7,370	6,450	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6910 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 6325 ft. to 6525 ft. Plug Type: STUB PLUG Plug Tagged:
Set 310 sks cmt from 3500 ft. to 4560 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 200 sacks half in. half out surface casing from 0 ft. to 600 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. of _____ inch casing Plugging Date: _____
*Wireline Contractor: _____ *Cementing Contractor: _____
Type of Cement and Additives Used: _____
Flowline/Pipeline has been abandoned per Rule 1103 Yes No *ATTACH JOB SUMMARY

Technical Detail/Comments:

Procedure:
1. MIRU wireline
2. RIH set CIBP @ 6910'
3. RIH w/dump bailer and dump 2 sks cement on top of CIBP @ 6910'
4. RIH w/ casing cutter, cut casing @ 6475'
5. TIH set 50 sk stub plug @ casing stub (6325'-6525')
6. TOH set 310 sack balance plug @ Parkman/Sussex (3500'-4560')
7. TOH and set 200 sack cement plug half in half out of surface casing from 600' to surface
8. Cut casing 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: Venessa Langmacher
Title: Senior Regulatory Tech Date: 8/17/2015 Email: venessa.langmacher@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: JENKINS, STEVE Date: 8/20/2015

CONDITIONS OF APPROVAL, IF ANY: _____ Expiration Date: 2/19/2016

<u>COA Type</u>	<u>Description</u>
	<p>Note changes to plugging procedure:</p> <ol style="list-style-type: none"> 1) Provide 48 hour notice of plugging MIRU via electronic Form 42. 2) For 600' plug: pump plug and displace. If surface casing plug is not circulated to surface then tag plug – must be 206' or shallower and provide 10 sx plug at the surface. Leave at least 100' cement in the casing for each plug. 3) Properly abandon flowlines as per Rule 1103. File electronic Form 42 once abandonment complete.

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
400885339	FORM 6 INTENT SUBMITTED
400885430	WELLBORE DIAGRAM
400885431	WELLBORE DIAGRAM

Total Attach: 3 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Codell completion report 09/19/1985 doc 130132. Nio completion report 04/04/2005 doc 1400164.	8/19/2015 4:09:29 PM

Total: 1 comment(s)