

Document Number:
400786016

Date Received:
02/04/2015

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: Peterson, Tom Tel: (303) 815-9641

COGCC contact: Email: tom.peterson@state.co.us

API Number 05-001-09425-00

Well Name: DEGENHART Well Number: 13-5

Location: QtrQtr: NWSW Section: 5 Township: 1S Range: 67W Meridian: 6

County: ADAMS 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: 39.993333 Longitude: -104.920278

GPS Data:
Date of Measurement: 02/03/2010 PDOP Reading: 2.4 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: _____

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	8385	8408			

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	1,226	740	1,226	0	
1ST	7+7/8	4+1/2	11.6	8,598	365	8,598	6,834	CBL
			Stage Tool	5,190	170	5,190	4,424	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 8335 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 10 sks cmt from 7400 ft. to 7300 ft. Plug Type: CASING Plug Tagged:
Set 90 sks cmt from 5300 ft. to 4115 ft. Plug Type: CASING 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 1326 ft. with 530 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. 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:

Proposed plugging procedure for Degenhart 13-5

Existing perforations: J Sand 8385'-8408'

Procedure:

1. MIRU wireline
2. RIH, set CIBP @ 8335' (50' above top perf)
3. RIH with dump bailer, dump 2 sx cement on top of CIBP @ 8335'
4. Pump 90 sack balance plug @ 5300'-4115' (inside 4-1/2")
5. Shoot perforations @ 1326' (100' below 8-5/8" casing shoe)
6. Pump 530 sacks down 4-1/2" casing through perforations up annulus to surface
7. WOC, tag cement top and top off cement to surface if needed
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: Jenifer Hakkarinen
Title: Regulatory Tech Date: 2/4/2015 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: BURN, DIANA Date: 3/1/2015

COA Type

Description

	<p>NOTE: Changes in plugging procedure - additional plug</p> <p>1) Provide 48 hour notice of plugging MIRU via electronic Form 42.</p> <p>2) If surface casing plug not circulated to surface then tag plug – must be 530' or shallower and provide 10 sx plug at the surface (inside and outside of casing). Leave at least 100' cement in the casing for each plug.</p> <p>3) Properly abandon flowlines as per Rule 1103. File electronic Form 42 once abandonment complete.</p>
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Attachment Check List

Att Doc Num

Name

400786016	FORM 6 INTENT SUBMITTED
400786048	WELLBORE DIAGRAM
400786049	WELLBORE DIAGRAM

Total Attach: 3 Files

General Comments

User Group

Comment

Comment Date

Permit	Plugging procedure within the comments section. Completion report located. 878851 & 878852 approved 09/29/2000 & 11/16/2000	2/25/2015 9:50:09 AM
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Total: 1 comment(s)