

FORM
6Rev
12/05

State of Colorado

Oil and Gas Conservation Commission

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



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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☐ OtherCasing 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

CONDITIONS OF APPROVAL, IF ANY:

Expiration Date: 8/31/2015

COA Type

Description

	NOTE: Changes in plugging procedure - additional plug 1) Provide 48 hour notice of plugging MIRU via electronic Form 42. 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. 3) Properly abandon flowlines as per Rule 1103. File electronic Form 42 once abandonment complete.
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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)