

FORM
6Rev
12/05State 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:

400847316

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: Rickard, Jeff

Tel: (720) 305-8280

COGCC contact:

Email: jeffrey.rickard@state.co.us

API Number 05-123-14244-00

Well Name: PESCHEL

Well Number: 14-20

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

County: WELD

Federal, Indian or State Lease Number: 62234

Field Name: HAMBERT

Field Number: 33530

☒ Notice of Intent to Abandon☐ Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.291667

Longitude: -104.693333

GPS Data:

Date of Measurement: 01/14/2010

PDOP Reading: 2.3

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
CODELL	7224	7242			
NIOBRARA	6934	7104			

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	422	260	422	0	
1ST	7+7/8	3+1/2	9.3	7,325	210	7,325	6,628	

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7206 with 2 sacks cmt on top. CIBP #2: Depth 6828 with 2 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 30 sks cmt from 510 ft. to 0 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: ☐
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. 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:

Peschel 14-20 (05-123-14244)/Plugging Procedure (Intent)

Producing formation: Niobrara

Existing Perforations: Niobrara 6934'-7104'

Plugged Back Perforations: Codell 7224'-7242'

TD: 7341' PBTD: 7255'

Surface Casing: 8 5/8" 24# @ 422' w/ 260 sks cmt.

Production Casing: 3 1/2" 9.3# @ 7325' w/ 210 sks cmt (Top of original cement @ 6628').

Port Collar cement 575 sxs cmt 1650'-5354'.

Annular cement job 0'-510'.

Existing CIBP : 7206'

Proposed Procedure:

1. MIRU. RIH with bit and tubing. Clean out well to 6900'.
2. TIH with dump bailer. Place two sks of cement on top of the existing CIBP at 7206'.
3. TIH with CIBP. Set plug at 6875'. TIH with dump bailer. Dump 2 sxs cement on top of CIBP.
4. TIH with tubing to 510'. RU cementers. Mix and pump 30 sxs of 15.8#/gal CI G cement. Cement should circulate to surface.
5. Cut 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: Regulatory 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: _____

Attachment Check List

Att Doc Num

Name

400847322	WELLBORE DIAGRAM
400847324	WELLBORE DIAGRAM

Total Attach: 2 Files

General Comments

User Group

Comment

Comment Date

--	--	--

Total: 0 comment(s)