

FORM  
6Rev  
11/20

## State 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:

402842301

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: Valerie Danson

Name of Operator: PDC ENERGY INC

Phone: (303) 860-5800

Address: 1775 SHERMAN STREET - STE 3000

Fax:

City: DENVER State: CO Zip: 80203

Email: valerie.danson@pdce.com

**For "Intent" 24 hour notice required,**

Name: Evins, Bret

Tel: (970) 420-6699

**COGCC contact:**

Email: bret.evins@state.co.us

Type of Well Abandonment Report: ☒ Notice of Intent to Abandon ☐ Subsequent Report of Abandonment

API Number 05-123-11878-00

Well Name: PEAK

Well Number: 1

Location: QtrQtr: SENW Section: 31 Township: 6N Range: 64W Meridian: 6

County: WELD

Federal, Indian or State Lease Number:

Field Name: GREELEY

Field Number: 32760

*Only Complete the Following Background Information for Intent to Abandon*

Latitude: 40.444000

Longitude: -104.595278

GPS Data: GPS Quality Value: 1.8 Type of GPS Quality Value: Date of Measurement: 02/09/2010

Reason for Abandonment: ☐ Dry ☒ Production Sub-economic ☐ Mechanical Problems☐ OtherCasing to be pulled: ☒ Yes ☐ No Estimated Depth: 2500Fish in Hole: ☐ Yes ☒ No If yes, explain details belowWellbore 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
NIOBRARA-CODELL	6574	6888			

Total: 1 zone(s)

**Casing History**

Casing Type	Size of Hole	Size of Casing	Grade	Wt/Ft	Csg/Liner Top	Setting Depth	Sacks Cmt	Cmt Btm	Cmt Top	Status
SURF	12+1/4	8+5/8	J55	24	0	349	300	349	0	VISU
1ST	8+5/8	4+1/2	J55	11.6	0	6920	225	6920	6295	CBL

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6524 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 100 sks cmt from 2550 ft. to 2300 ft. Plug Type: STUB PLUG Plug Tagged: ☒

Set 100 sks cmt from 1520 ft. to 1320 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 3474 ft. with 112 sacks. Leave at least 100 ft. in casing 3289 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 204 sacks half in. half out surface casing from 549 ft. to 0 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

Surface Plug Setting Date: \_\_\_\_\_ Cut and Cap Date: \_\_\_\_\_ Number of Days from Setting Surface Plug to Capping or Sealing the Well: \_\_\_\_\_

\*Wireline Contractor: \_\_\_\_\_

\*Cementing Contractor: \_\_\_\_\_

Type of Cement and Additives Used: \_\_\_\_\_

Flowline/Pipeline has been abandoned per Rule 1105 ☐ Yes ☐ No

Technical Detail/Comments:

Peak 1 (05-123-11878)/Plugging Procedure (Intent)  
Producing Formation: Niobrara/Codell: 6574'-6888'  
Abandoned Formation: N/A  
Upper Pierre Aquifer: 400'-1420'  
TD: 6990' PBD: 6960' (6/6/03)  
Surface Casing: 8 5/8" 24# @ 349' w/ 300 sxs cmt  
Production Casing: 4 1/2" 11.6# @ 6920' w/ 225 sxs cmt (TOC @ 6295 - CBL)

Other in Hole: N/A

Tubing: 2 3/8" tubing set @ 6831' (6/6/03)

Proposed Procedure:

1. MIRU. POOH with tubing
2. RU wireline company
3. TIH with CIBP. Set BP at 6524'. Top with 2 sxs 15.8#/gal CI G cement. (Top of Niobrara/Codell perms @ 6574')
4. TIH with perf gun.
5. Shoot lower squeeze holes at 3474'.
6. Shoot upper squeeze holes at 3274'.
7. TIH with CICR. Set CICR at 3289'.
8. RU cementing company.
9. Sting in and pump 100 sxs 15.8#/gal CI G cement.
10. Displace tubing leaving 2 bbls cement in tubing.
11. Sting out and leave 10 sxs (of the 100 sxs) cement on top of CICR. (Top of Parkman @ 3550')
12. TIH with casing cutter. Cut 4 1/2" casing @ 2500'. Pull cut casing.
13. TIH with tubing to 2550'. Mix and pump 100 sxs 15.8#/gal CI G cement down tubing. (Courtesy plug from 2550'-2300')
14. Wait a sufficient time to confirm static conditions. If at any time after placing this plug there is evidence of pressure or fluid migration, contact engineering before continuing operations.
15. Pick up with tubing to 1520'. Mix and pump 100 sxs 15.8#/gal CI G cement down tubing. (Pierre coverage from 1320'-1520')
16. Pick up with tubing to 549'. Mix and pump 204 sxs 15.8#/gal CI G cement down tubing. Cement should circulate to surface.
17. Well casing cut and capped per COGCC guidelines at a depth as not to interfere with soil cultivation."

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: \_\_\_\_\_ Print Name: Jessica Johannsen  
Title: Regulatory Analyst Date: \_\_\_\_\_ Email: jessica.johannsen@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: \_\_\_\_\_

COA Type	Description
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### Attachment List

Att Doc Num	Name
402842320	WELLBORE DIAGRAM
402842321	WELLBORE DIAGRAM

Total Attach: 2 Files

### General Comments

User Group	Comment	Comment Date
		Stamp Upon Approval

Total: 0 comment(s)