

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



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Document Number:

402706888

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: (970) 506-9272

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: Serna, Abe

Tel: (720) 661-7317

COGCC contact:

Email: abe.serna@state.co.us

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

API Number 05-123-14039-00

Well Name: VONFELDT

Well Number: 13-12

Location: QtrQtr: SWSW Section: 12 Township: 6N Range: 65W Meridian: 6

County: WELD

Federal, Indian or State Lease Number: 56191

Field Name: GREELEY

Field Number: 32760

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.495307

Longitude: -104.618470

GPS Data: GPS Quality Value: 2.7 Type of GPS Quality Value: Date of Measurement: 02/04/2010

Reason for Abandonment: ☐ Dry ☒ Production Sub-economic ☐ Mechanical Problems☐ OtherCasing to be pulled: ☒ Yes ☐ No Estimated Depth: 1610Fish 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
CODELL	7064	7074			

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	318	220	318	0	VISU
1ST	7+7/8	4+1/2	J55	11.6	0	7175	160	7175	6000	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7014 with 2 sacks cmt on top. CIBP #2: Depth 6738 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 10 sks cmt from 3376 ft. to 3245 ft. Plug Type: CASING Plug Tagged: ☐
 Set 100 sks cmt from 1660 ft. to 1410 ft. Plug Type: STUB PLUG 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 3562 ft. with 76 sacks. Leave at least 100 ft. in casing 3377 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 454 sacks half in. half out surface casing from 700 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 Number of Days from Setting Surface Plug to Capping or Sealing the Well: _____
 Surface Plug Setting Date: _____ Cut and Cap Date: _____

*Wireline Contractor: _____ *Cementing Contractor: _____

Type of Cement and Additives Used: _____

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

Technical Detail/Comments:

Vonfeldt 13-12 (05-123-14039) Plugging Procedure (Intent)
 Producing Formation: Codell: 7064'-7074'

Upper Pierre Aquifer: 500'-1510'

Deepest Water Well: 400'

TD: 7181' PBTD: 7161' (9/24/2014)

Surface Casing: 8 5/8" 24# @ 318' w/ 220 sxs cmt

Production Casing: 4 1/2" 11.6# @ 7175' w/ 160 sxs (TOC @ 6000' - CBL)

Tubing: 2 3/8" Tubing set @ 7053.02' (9/24/2014)

Proposed Procedure:

1. MIRU pulling unit. Pull 2 3/8" Tubing.
2. RU wireline company.
3. TIH with CIBP. Set BP at 7014'. Top with 2 sxs 15.8#/gal CI G cement. (Top of Codell perms @ 7064')
4. TIH with CIBP. Set BP at 6738'. Top with 2 sxs 15.8#/gal CI G cement. (Top of Niobrara @ 6788')
5. TIH with perf gun. Shoot lower squeeze holes at 3562' and upper squeeze holes at 3362'.
6. TIH with CICR. Set CICR at 3377'. RU cementing company. Sting in and pump (until pressures out) 86 sxs 15.8#/gal CI G cement. Sting out and leave 10 sxs (of the 86 sxs) cement on top of CICR. (Top of Parkman @ 3612')
7. TIH with casing cutter. Cut 4 1/2" casing @ 1610'. Pull cut casing.
8. TIH with tubing to 1660'. RU cementing company. Mix and pump 100 sxs 15.8#/gal CI G cement down tubing. (Pierre coverage from 1660'-1410')
9. 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.
10. Pick up tubing to 700'. Mix and pump 454 sxs 15.8#/gal CI G cement down tubing. Cement should circulate to surface.
11. Cut surface 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: Valerie Danson

Title: Reg Tech

Date: _____

Email: valerie.danson@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

402706891	WELLBORE DIAGRAM
402706892	WELLBORE DIAGRAM

Total Attach: 2 Files

General Comments

User Group

Comment

Comment Date

		Stamp Upon Approval
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Total: 0 comment(s)