

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:

402994769

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: Jessica Johannsen

Name of Operator: PDC ENERGY INC

Phone: (303) 860-5800

Address: 1775 SHERMAN STREET - STE 3000

Fax:

City: DENVER State: CO Zip: 80203

Email: jessica.johannsen@pdce.com

For "Intent" 24 hour notice required,

Name:

Tel:

COGCC contact:

Email:

Type of Well Abandonment Report:



Notice of Intent to Abandon



Subsequent Report of Abandonment

API Number 05-123-25858-00

Well Name: LEFFLER

Well Number: 44-2

Location: QtrQtr: SESE

Section: 2

Township: 6N

Range: 66W

Meridian: 6

County: WELD

Federal, Indian or State Lease Number:

Field Name: EATON

Field Number: 19350

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.512420

Longitude: -104.738110

GPS Data: GPS Quality Value: 1.7

Type of GPS Quality Value:

Date of Measurement: 01/16/2009

Reason for Abandonment:



Dry



Production 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
NIOBRARA-CODELL	6965	7282	01/24/2022	B PLUG CEMENT TOP	6915

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	482	400	482	0	VISU
1ST	7+7/8	4+1/2	J55	11.6	0	7436	1095	7436	840	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6915 with 2 sacks cmt on top. CIBP #2: Depth 2500 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 16 sks cmt from 1633 ft. to 1430 ft. Plug Type: CASING Plug Tagged: ☐
Set 341 sks cmt from 758 ft. to 0 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 _____ 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 20 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: 682 ft. of 4+1/2 inch casing Number of Days from Setting Surface Plug to Capping or Sealing the Well: 48
Surface Plug Setting Date: 01/25/2022 Cut and Cap Date: 03/14/2022

*Wireline Contractor: Ranger

*Cementing Contractor: Duco Inc

Type of Cement and Additives Used: 15.8# 'G'

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

Technical Detail/Comments:

Leffler 44-2 (05-123-25858)/Plugging Procedure
Producing Formation: Niobrara/Codell: 6965'-7282'

Upper Pierre Aquifer: 520'-1530'

TD: 7478' PBTD: 7373' (11/24/15)

Surface Casing: 8 5/8" 24# @ 482' w/ 400 sxs cmt

Production Casing: 4 1/2" 11.6# @ 7436' w/ 1095 sxs (TOC @ 800' - CBL)

Procedure:

1. MIRU pulling unit. Pull 2 3/8" tubing.
1. RU wireline company.
2. TIH with CIBP. Set BP at 6915'. Top with 2 sxs 15.8#/gal CI G cement. (Top of Nio perfs @ 6965')
3. TIH with CIBP. Set BP at 2500'. Top with 2 sxs 15.8#/gal CI G cement.
4. TIH with casing cutter. Cut 4 1/2" casing @ 682'. Pull cut casing.
5. TIH with tubing to 1633'. RU cementing company. Mix and pump 16 sxs 15.8#/gal CI G cement down tubing. (Pierre Coverage from 1630'-1430') TOC at
6. Pick up with tubing to 758'. Mix and pump 341 sxs 15.8#/gal CI G cement down tubing. Cement circulate to surface.
7. 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:

<u>COA Type</u>	<u>Description</u>
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Attachment List

<u>Att Doc Num</u>	<u>Name</u>
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402994783	CEMENT JOB SUMMARY
402994784	OTHER
402994785	OPERATIONS SUMMARY
402994786	WELLBORE DIAGRAM

Total Attach: 4 Files

General Comments

<u>User Group</u>	<u>Comment</u>
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Comment Date

		Stamp Upon Approval
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Total: 0 comment(s)