

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:

403051377

Date Received:

06/01/2022

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:

Tel:

COGCC contact:

Email:

Type of Well Abandonment Report:



Notice of Intent to Abandon



Subsequent Report of Abandonment

API Number 05-123-29830-00

Well Name: LUNDVALL J

Well Number: 17-30D

Location: QtrQtr: SWNE

Section: 18

Township: 5N

Range: 66W

Meridian: 6

County: WELD

Federal, Indian or State Lease Number:

Field Name: WATTENBERG

Field Number: 90750

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.401088

Longitude: -104.820019

GPS Data: GPS Quality Value: 2.4

Type of GPS Quality Value: PDOP

Date of Measurement: 07/14/2009

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	7772	8099	02/16/2022	B PLUG CEMENT TOP	7722

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	540	217	540	0	VISU
1ST	7+7/8	4+1/2	J55	11.6	0	8166	1050	8166	1350	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7722 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 _____ 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: ☐
Set _____ sks cmt from _____ ft. to _____ ft. Plug Type: _____ Plug Tagged: ☐

Perforate and squeeze at 590 ft. with 59 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 127 sacks half in. half out surface casing from 1673 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: 02/17/2022 Cut and Cap Date: 05/26/2022 Number of Days from Setting Surface Plug to Capping or Sealing the Well: 98

*Wireline Contractor: Ranger Energy Services

*Cementing Contractor: DUCO Inc. Cementing Services

Type of Cement and Additives Used: Class G 15.8 PPG Cement

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

Technical Detail/Comments:

Lundvall J 17-30D (05-123-29830) / Plugging Procedure
Producing Formations: Niobrara/Codell: 7772'-8099'

Upper Pierre Aquifer: 540'-1520'

Deepest Water Well: 100'

TD: 8175' PBTD: 8130' (2/11/2014)

Surface Casing: 8 5/8" 24# @ 540' w/ 217 sxs cmt

Production Casing: 4 1/2" 11.6# @ 8166' w/ 1050 sxs (TOC @ 2093' - CBL)

Procedure:

1. MIRU pulling unit. Pull 2 3/8" tubing.

2. RU wireline company.

3. TIH with CIBP. Set BP at 7722'. Top with 2 sxs 15.8#/gal CI G cement. (Top of Nio perms @ 7772')

4. Run a CBL from 7600' to Surface. Contacted the State, moved forward with the approved procedure change.

5. TIH with CIBP. Set BP at 2500'. Top with 2 sxs 15.8#/gal CI G cement.

6. TIH with perf gun. Shoot holes @ 590'.

7. TIH with tubing to 1673'. RU cementing company. Mix and pump 127 sxs 15.8#/gal CI G cement down tubing. (Pierre Coverage from 1670'-1420') Cement circulate to surface.

8. Close off casing returns. Hook up cement line to cement flange and pump 59 sxs 15.8#/gal CI G cement downhole and squeeze through perms @ 590' into annular space. Cement circulate to surface.

9. 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: Valerie Danson

Title: Reg Analyst

Date: 6/1/2022

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: Jacobson, Eric

Date: 8/18/2022

CONDITIONS OF APPROVAL, IF ANY:**Condition of Approval****COA Type****Description**

0 COA

Attachment List**Att Doc Num****Name**

403051377	FORM 6 SUBSEQUENT SUBMITTED
403051543	CEMENT BOND LOG
403051546	CEMENT JOB SUMMARY
403051549	OTHER
403051552	OPERATIONS SUMMARY
403051555	WELLBORE DIAGRAM
403064358	OTHER

Total Attach: 7 Files

General Comments**User Group****Comment****Comment Date**

		Stamp Upon Approval
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Total: 0 comment(s)