

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:

403007089

Date Received:

04/07/2022

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 05-123-16521-00

Well Name: SEELEY LAKE

Well Number: 3

Location: QtrQtr: NESW

Section: 24

Township: 6N

Range: 66W

Meridian: 6

County: WELD

Federal, Indian or State Lease Number: 59859

Field Name: BRACEWELL

Field Number: 7487

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.472188

Longitude: -104.727614

GPS Data: GPS Quality Value: 2.1

Type of GPS Quality Value: PDOP

Date of Measurement: 01/21/2010

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
CODELL	7102	7112	01/18/2022	B PLUG CEMENT TOP	7052

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	387	275	387	0	VISU
1ST	7+7/8	4+1/2	J55	11.6	0	7219	175	7219	6356	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7052 with 2 sacks cmt on top. CIBP #2: Depth 6746 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 <u>100</u> sks cmt from <u>2772</u> ft. to <u>2500</u> ft.	Plug Type: <u>STUB PLUG</u>	Plug Tagged: <input type="checkbox"/>
Set <u>100</u> sks cmt from <u>1549</u> ft. to <u>1340</u> ft.	Plug Type: <u>OPEN HOLE</u>	Plug Tagged: <input type="checkbox"/>
Set _____ sks cmt from _____ ft. to _____ ft.	Plug Type: _____	Plug Tagged: <input type="checkbox"/>
Set _____ sks cmt from _____ ft. to _____ ft.	Plug Type: _____	Plug Tagged: <input type="checkbox"/>
Set _____ sks cmt from _____ ft. to _____ ft.	Plug Type: _____	Plug Tagged: <input type="checkbox"/>

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 535 sacks half in. half out surface casing from 664 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: 2700 ft. of 4+1/2 inch casing Number of Days from Setting Surface Plug to Capping or Sealing the Well: 71
 Surface Plug Setting Date: 01/20/2022 Cut and Cap Date: 04/01/2022

*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:

Seeley Lake 3 (05-123-16521) / Plugging Procedure
 Producing Formation: Codell: 7102'-7112'

Upper Pierre Aquifer: 440'-1440'

Deepest Water Well: 328'

TD: 7250' PBTD: 7192' (12/22/1998)

Surface Casing: 8 5/8" 24# @ 387' w/ 275 sxs cmt

Production Casing: 4 1/2" 11.6# @ 7219' w/ 175 sxs (TOC @ 6356' - CBL)

Procedure:

1. MIRU pulling unit. Pull 2 3/8" tubing.
2. RU wireline company.
3. TIH with CIBP. Set BP at 7052'. Top with 2 sxs 15.8#/gal CI G cement. (Top of Codell perms @ 7102')
4. Pressure tested casing, test failed. Ran a packer, hunted holes and contacted the State. Moved forward with the approved procedure change.
5. TIH with CIBP. Set BP at 6746'. Top with 2 sxs 15.8#/gal CI G cement. (Top of Niobrara @ 6796')
6. Ran a Strip Log from 3000' to Surface (for casing cut verification, log not kept).
7. TIH with casing cutter. Cut 4 1/2" casing @ 2700'. Pull cut casing.
8. TIH with tubing to 2772'. RU cementing company. Mix and pump 100 sxs 15.8#/gal CI G cement down tubing. (Stub Plug from 2750'-2500') TOC at 2500'.
9. TIH with tubing to 1549'. Mix and pump 100 sxs 15.8#/gal CI G cement down tubing. (Pierre Coverage from 1540'-1340') TOC at 1340'.
10. Pick up with tubing to 664'. Mix and pump 535 sxs 15.8#/gal CI G cement down tubing. Cement circulate to surface.
11. 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: 4/7/2022 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: 8/8/2022

CONDITIONS OF APPROVAL, IF ANY:

Condition of Approval

COA Type **Description**

0 COA	

Attachment List

Att Doc Num **Name**

403007089	FORM 6 SUBSEQUENT SUBMITTED
403007156	CEMENT JOB SUMMARY
403007157	OTHER
403007158	OTHER
403007159	OPERATIONS SUMMARY
403007160	WELLBORE DIAGRAM

Total Attach: 6 Files

General Comments

User Group **Comment**

Comment Date

		Stamp Upon Approval
--	--	---------------------

Total: 0 comment(s)