

FORM
6Rev
05/18

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:

402284183

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: Peterson, Tom

Tel: (970) 370-1281

COGCC contact:

Email: tom.peterson@state.co.us

API Number 05-123-20106-00

Well Name: SEELE

Well Number: 31-31

Location: QtrQtr: NWNE Section: 31 Township: 4N Range: 67W Meridian: 6

County: WELD

Federal, Indian or State Lease Number:

Field Name: WATTENBERG

Field Number: 90750

☒ Notice of Intent to Abandon☐ Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.275890

Longitude: -104.930170

GPS Data:

Date of Measurement: 07/15/2010

PDOP Reading: 1.2

GPS Instrument Operator's Name: Holly L. Tracy

Reason for Abandonment: ☐ Dry☒ Production Sub-economic☐ Mechanical Problems☐ OtherCasing 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	7059	7366			

Total: 1 zone(s)

Casing History

Casing Type	Size of Hole	Size of Casing	Weight Per Foot	Setting Depth	Sacks Cement	Cement Bot	Cement Top	Status
SURF	12+1/4	8+5/8	24	390	275	390	0	VISU
1ST	7+7/8	4+1/2	10.5	7,550	180	7,550	6,590	CBL
S.C. 1.1				6,590	536	6,590	0	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7009 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 10 sks cmt from 2514 ft. to 2383 ft. Plug Type: CASING Plug Tagged: ☐
Set 112 sks cmt from 1480 ft. to 0 ft. Plug Type: CASING 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 2700 ft. with 70 sacks. Leave at least 100 ft. in casing 2515 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 _____ 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. _____ inch casing Cut and Cap Date: _____
of _____

*Wireline Contractor: _____ *Cementing Contractor: _____

Type of Cement and Additives Used: _____

Flowline/Pipeline has been abandoned per Rule 1105 ☐ Yes ☐ No *ATTACH JOB SUMMARY

Technical Detail/Comments:

Seele 31-31 (05-123-20106)/Plugging Procedure (Intent)

Producing Formation: Niobrara/Codell: 7059'-7366'

Upper Pierre Aquifer: 200'-1380'

TD: 7600' PBTD: 7471' (3/6/2012)

Surface Casing: 8 5/8" 24# @ 390' w/ 275 sxs

Production Casing: 4 1/2" 10.5# @ 7550' w/ 180 sx cmt (TOC @ 6590' - CBL)

Annular Fill @ 6590' w/ 536 sx cmt (TOC @ surface - CBL)

Tubing: 2 3/8" tubing set @ 7338' (3/7/2012)

Proposed Procedure:

1. MIRU pulling unit. Pull 2 3/8" tubing.
2. RU wireline company.
3. TIH with CIBP. Set BP at 7009'. Top with 2 sxs 15.8#/gal CI G cement. (Top of Nio perms @ 7059')
4. TIH with perf gun. Shoot lower squeeze holes at 2700' and upper squeeze holes at 2500'.
5. TIH with CICR. Set CICR at 2515'. RU cementing company. Sting in and pump 80 sxs 15.8#/gal CI G cement. Sting out and leave 10 sxs (of the 80 sxs) cement on top of CICR.
6. Pick up tubing to 1480'. Mix and pump 112 sxs 15.8#/gal CI G cement down tubing (Pierre coverage from 1480'-surface). Cement should circulate to surface.
7. 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

	File update form 5A. Update production reporting.
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Attachment Check List

Att Doc Num

Name

402284201	WELLBORE DIAGRAM
402284203	WELLBORE DIAGRAM
402300877	WELLBORE DIAGRAM
402300878	WELLBORE DIAGRAM
402300879	CEMENT BOND LOG

Total Attach: 5 Files

General Comments

User Group

Comment

Comment Date

Permit	Pass	01/23/2020
Permit	-Confirmed as-drilled well location. -Production reporting up-to-date. -Confirmed productive interval docnum: 402284361. -5A in process. -Reviewed WBDs. -Returned to draft. Formations should be NB, FT Hays, Codell, Carlile.	01/15/2020

Total: 2 comment(s)