

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:

403004852

Date Received:

04/05/2022

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 05-123-25266-00

Well Name: KINSMAN

Well Number: 36-18

Location: QtrQtr: SWSE

Section: 18

Township: 4N

Range: 65W

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: 40.306563

Longitude: -104.703748

GPS Data: GPS Quality Value: 2.4

Type of GPS Quality Value: PDOP

Date of Measurement: 06/08/2009

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	6938	7252	01/04/2022	B PLUG CEMENT TOP	6888

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	528	232	528	0	VISU
1ST	7+7/8	4+1/2	J55	11.6	0	7866	875	7866	1350	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6888 with 2 sacks cmt on top. CIBP #2: Depth 4321 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 20 sks cmt from 2277 ft. to 2000 ft. Plug Type: CASING Plug Tagged: ☐
Set 90 sks cmt from 1497 ft. to 1156 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 380 sacks half in. half out surface casing from 749 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: 1350 ft. of 4+1/2 inch casing

Surface Plug Setting Date: 01/06/2022 Cut and Cap Date: 03/24/2022 Number of Days from Setting Surface Plug to Capping or Sealing the Well: 77

*Wireline Contractor: SureFire Wireline 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:

Kinsman 36-18 (05-123-25266)/Plugging Procedure
Producing Formation: Niobrara/Codell: 6938'-7252'

Upper Pierre Aquifer: 360'-1390'

TD: 7875' PBTD: 7836' (3/31/05)

Surface Casing: 8 5/8" 24# @ 528' w/ 232 sxs cmt

Production Casing: 4 1/2" 11.6# @ 7866' w/ 875 sxs (TOC @ 1350' - CBL)

Procedure:

1. MIRU pulling unit. Pull 2 3/8" tubing.
2. RU wireline company.
3. TIH with CIBP. Set BP at 6888'. Top with 2 sx 15.8#/gal CI G cement. (Top of Nio perms @ 6938')
4. TIH with CIBP. Set BP at 4321'. Top with 2 sx 15.8#/gal CI G cement. (Top of Sussex @ 4371')
5. Ran a CBL from 2550' to Surface. Showed TOC at ~1350', contacted the State and moved forward with the approved procedure change.
6. TIH with casing cutter. Cut 4 1/2" casing @ 1350'. Pull cut casing.
7. TIH with tubing to 2277'. RU cementing company. Mix and pump 20 sxs 15.8#/gal CI G cement down tubing. (Coverage from 2250'-2000') TOC at 2000'.
8. TIH with tubing to 1497'. Mix and pump 90 sxs 15.8#/gal CI G cement down tubing. (Pierre coverage from 1490'-1290') TOC tagged at 1156'.
9. Pick up with tubing to 749'. Mix and pump 380 sxs 15.8#/gal CI G cement down tubing. Cement circulate to surface.
10. 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: 4/5/2022 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: 8/3/2022

CONDITIONS OF APPROVAL, IF ANY:

Condition of Approval

COA Type

Description

0 COA	

Attachment List

Att Doc Num

Name

403004852	FORM 6 SUBSEQUENT SUBMITTED
403005012	CEMENT BOND LOG
403005015	CEMENT JOB SUMMARY
403005016	OTHER
403005018	OTHER
403005021	OPERATIONS SUMMARY
403005024	WELLBORE DIAGRAM

Total Attach: 7 Files

General Comments

User Group

Comment

Comment Date

		Stamp Upon Approval
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Total: 0 comment(s)