

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:

402656034

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:

Tel:

COGCC contact:

Email:

Type of Well Abandonment Report:



Notice of Intent to Abandon



Subsequent Report of Abandonment

API Number 05-123-14166-00

Well Name: KREPS

Well Number: 11-7

Location: QtrQtr: NWNW

Section: 7

Township: 6N

Range: 64W

Meridian: 6

County: WELD

Federal, Indian or State Lease Number: 63255

Field Name: WATTENBERG

Field Number: 90750

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.505970

Longitude: -104.599780

GPS Data: GPS Quality Value: 5.2 Type of GPS Quality Value: Date of Measurement: 03/15/2007

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	6780	7064	02/16/2021	B PLUG CEMENT TOP	6730

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	329	175	329	0	VISU
1ST	7+7/8	4+1/2	J55	11.6	0	7223	220	7223	6285	CBL
S.C. 1.1						5201	200	5201	0	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6730 with 2 sacks cmt on top. CIBP #2: Depth 3610 with 2 sacks cmt on top.
 CIBP #3: Depth 2500 with 2 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: <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"/>
Set _____ sks cmt from _____ ft. to _____ ft.	Plug Type: _____	Plug Tagged: <input type="checkbox"/>

Perforate and squeeze at 379 ft. with 184 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 122 sacks half in. half out surface casing from 1638 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 Number of Days from Setting Surface Plug to Capping or Sealing the Well: 6
 Surface Plug Setting Date: 02/17/2021 Cut and Cap Date: 02/23/2021

*Wireline Contractor: Rocky Mtn Wireline Services *Cementing Contractor: NexTier 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:

Kreps 11-7 (05-123-14166)/Plugging Procedure
 Producing Formation: Niobrara/Codell: 6780'-7064'
 Upper Pierre Aquifer: 460'-1530'
 TD: 7230' PBTD: 7125' (3/20/15)
 Surface Casing: 8 5/8" 24# @ 329' w/ 175 sxs cmt
 Production Casing: 4 1/2" 11.6# @ 7223' w/ 220 sxs cmt (TOC @ 6285 - CBL)
 Annular fill @ 5201' w/ 580 sxs cmt (TOC @ Surface - CBL)

Procedure:

1. MIRU pulling unit. Pull 2 3/8" tubing.
2. RU wireline company.
3. TIH with CIBP. Set BP at 6730'. Top with 2 sxs 15.8#/gal CI G cement. (Top of Nio perfs @ 6780')
4. Run a CBL from 6300' to Surface (Confirm Annular Fill Cement Coverage)
5. TIH with CIBP. Set BP at 3610'. Top with 2 sxs 15.8#/gal CI G cement. (Top of Parkman @ 3660')
6. TIH with CIBP. Set BP at 2500'. Top with 2 sxs 15.8#/gal CI G cement.
7. TIH with perf gun. Shoot holes 379'.
8. TIH with tubing to 1638'. RU cementing company. Mix and pump 122 sxs 15.8#/gal CI G cement down tubing. Cement circulate to surface.
9. Close off casing returns. Hook up cement line to cement flange and pump 184 sxs 15.8#/gal CI G cement downhole and squeeze through perforations @ 379' into annular space. Cement circulate to surface.
10. 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:**COA Type****Description**

--	--

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

402656035	CEMENT BOND LOG
402656036	CEMENT JOB SUMMARY
402656037	OTHER
402656038	OPERATIONS SUMMARY
402656039	WELLBORE DIAGRAM
402656040	WIRELINE JOB SUMMARY

Total Attach: 6 Files

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

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

Total: 0 comment(s)