

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:

401978916

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: Carlile, Craig

Tel: (970) 629-8279

COGCC contact:

Email: craig.carlile@state.co.us

API Number 05-123-11241-00

Well Name: PLATTE VALLEY

Well Number: 1

Location: QtrQtr: SWSW Section: 3 Township: 3N Range: 66W 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: 40.249480

Longitude: -104.769510

GPS Data:

Date of Measurement: 10/28/2010

PDOP Reading: 1.7

GPS Instrument Operator's Name: Steve Cure

Reason for Abandonment:

☐ Dry☒ Production Sub-economic☐ Mechanical Problems☐ Other

Casing to be pulled:

☒ Yes☐ No

Estimated Depth: 1700

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	7058	7360			

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	520	425	520	0	VISU
1ST	7+7/8	4+1/2	11.6	7,920	270	7,920	6,688	CBL
S.C. 1.1				6,562	150	6,562	6,045	CALC

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7008 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 <u>65</u>	sks cmt from <u>6700</u>	ft. to <u>5900</u>	ft.	Plug Type: <u>CASING</u>	Plug Tagged: <input type="checkbox"/>
Set <u>255</u>	sks cmt from <u>1815</u>	ft. to <u>1400</u>	ft.	Plug Type: <u>STUB PLUG</u>	Plug Tagged: <input type="checkbox"/>
Set <u>395</u>	sks cmt from <u>720</u>	ft. to <u>0</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"/>

Perforate and squeeze at 4700 ft. with 215 sacks. Leave at least 100 ft. in casing 4315 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 Plugging 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:

Platte Valley 1 (05-123-11241)/Plugging Procedure (Intent)
 Producing Formation: Niobrara/Codell: 7058'-7360'
 Upper Pierre Aquifer: 616'-1530'
 TD: 7920' PBD: 7461'
 Surface Casing: 8 5/8" 24# @ 520' w/ 425 sxs
 Production Casing: 4 1/2" 11.6# @ 7920' w/ 270 sxs cmt (TOC @ 6688' - CBL).
 Existing Squeeze @ 6562' w/ 150 sxs cmt (6562'-6045'-Well History). Casing Holes @ 6562'-6045'

Tubing: 2 3/8" tubing set @ 7327.3' (5/7/2008).

Proposed Procedure:

1. MIRU pulling unit. Pull 2 3/8" tubing.
2. RU wireline company.
3. TIH with CIBP. Set BP at 7008'. Top with 2 sxs 15.8#/gal CI G cmt.
4. Run CBL from 6600' - surface to verify squeeze cement interval.
5. TIH with tubing to 6700'. RU cementing company. Mix and pump 65 sxs 15.8#/gal CI G cement down tubing (Casing Hole coverage from 6700'-5900'). TOOH with tubing.
6. TIH with perforation gun. Shoot lower squeeze holes at 4700' for Sussex coverage. Shoot upper squeeze holes at 4300'.
7. Set CICR at 4315'. RU cementing company. Sting in and pump 215 sxs 15.8#/gal CI G cement. Sting out and pump 10 sxs on top of CICR. TOOH with tubing.
8. TIH with casing cutter. Cut 4 1/2" casing at 1700'. Pull cut casing.
9. TIH with tubing to 1815'. Mix and pump 255 sxs 15.8#/gal CI G cement w/ 2% CaCl down tubing (Pierre coverage from 1815'-1400').
10. Pick up tubing to 720'. Mix and pump 395 sxs 15.8#/gal CI G cement down tubing. Cement should circulate to surface. TOOH with tubing.
11. 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**

--	--

Attachment Check List

Att Doc Num **Name**

401978958	WELLBORE DIAGRAM
401978959	WELLBORE DIAGRAM

Total Attach: 2 Files

General Comments

User Group **Comment** **Comment Date**

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

Total: 0 comment(s)