

FORM
6Rev
12/05State of Colorado
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



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Document Number:

400378069

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: Travis Yenne

Name of Operator: PDC ENERGY INC

Phone: (970) 506-9272

Address: 1775 SHERMAN STREET - STE 3000

Fax: (970) 506-9276

City: DENVER State: CO Zip: 80203

Email: Travis.Yenne@pdce.com

For "Intent" 24 hour notice required,

Name: PRECUP, JIM

Tel: (303) 726-3822

COGCC contact:

Email: james.precup@state.co.us

API Number 05-123-12549-00

Well Name: FRANK

Well Number: 1-21C

Location: QtrQtr: SESW Section: 21 Township: 3N Range: 65W 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: 40.206440

Longitude: -104.672220

GPS Data:

Date of Measurement: 10/11/2010

PDOP Reading: 3.0

GPS Instrument Operator's Name: Steve Cure

Reason for Abandonment: ☐ Dry ☒ Production for Sub-economic ☐ Mechanical Problems☐ OtherCasing to be pulled: ☒ Yes☐ No

Estimated Depth: 6500

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	Code	Perf. Top	Perf. Bottom	Date	Method of Isolation	Plug Depth
CODELL	CODL	7158	7168			
J SAND	JSND	7611	7658			
NIOBRARA	NBRR	6907	7032			

Total: 3 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	426	300	426	0	CALC
1ST	7+7/8	4+1/2	11.6	7,714	300	7,714	6,700	CALC

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6800 with 2 sacks cmt on top. CIPB #2: Depth _____ with _____ sacks cmt on top.
CIBP #3: Depth _____ with _____ sacks cmt on top. CIPB #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 60 sks cmt from 6500 ft. to 6400 ft. Plug Type: STUB PLUG Plug Tagged: ☒
Set 300 sks cmt from 3500 ft. to 3800 ft. Plug Type: OPEN HOLE 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 325 sacks half in. half out surface casing from 500 ft. to 0 ft. Plug Tagged: ☐
Set 10 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 Plugging Date: _____
*Wireline Contractor: _____ *Cementing Contractor: _____
Type of Cement and Additives Used: _____
Flowline/Pipeline has been abandoned per Rule 1103 ☐ Yes ☐ No *ATTACH JOB SUMMARY

Technical Detail/Comments:

Plugging Procedure
J-Sand/Codell/Niobrara
Existing Perforations:
J-Sand – 7611'-7658'
Codell – 7158'-7168'
Niobrara – 6907'-7032'
PBTD: 7704'
8 5/8" 24# Casing set @ 426' cemented w/ 300 sx
4 1/2" 11.6# Casing set @ 7714' cemented w/ 300 sx
Procedure:
1)MIRU Wireline
2)RIH w/CIBP @ 6800'
3)RIH w/dump bailer, Spot 2 sx cement over CIBP
4)RIH w/CBL, locate TOC
5)TIH w/casing cutter, cut and pull casing
6)TIH and set 50' plug @ stub (6000')
7)TOH and set 300' plug @ Parkman
8)TOH and set cement plug 500' to surface
9)Set 10 sx @ top of surface
10)Cut casing 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: Travis Yenne
Title: Engineer Date: _____ Email: Travis.Yenne@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: _____

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Attachment Check List

Att Doc Num	Name
400378071	WELLBORE DIAGRAM
400378072	WELLBORE DIAGRAM

Total Attach: 2 Files

General Comments

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

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Total: 0 comment(s)