

Document Number:
401293904

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: Kelsi Welch
 Name of Operator: PDC ENERGY INC Phone: (303) 831-3974
 Address: 1775 SHERMAN STREET - STE 3000 Fax: _____
 City: DENVER State: CO Zip: 80203 Email: kelsi.welch@pdce.com

For "Intent" 24 hour notice required, Name: _____ Tel: _____
 COGCC contact: Email: _____

API Number 05-123-20676-00 Well Number: #41-8
 Well Name: STATE 5519
 Location: QtrQtr: NENE Section: 8 Township: 5N Range: 63W 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: 40.419580 Longitude: -104.454170
 GPS Data:
 Date of Measurement: 07/25/2007 PDOP Reading: 2.8 GPS Instrument Operator's Name: Holly L. Tracy
 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
CODELL	6786	6796	05/09/2017	B PLUG CEMENT TOP	6730
J SAND	7252	7258	07/11/2002	B PLUG CEMENT TOP	7200

Total: 2 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	402	285	402	0	VISU
1ST	7+7/8	4+1/2	10.5	7,455	230	7,455	6,311	CBL
S.C. 1.1				7,455	240	6,311	2,900	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7200 with 2 sacks cmt on top. CIBP #2: Depth 6730 with 2 sacks cmt on top.
CIBP #3: Depth 6405 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 287 sks cmt from 700 ft. to 0 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:
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 _____ 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: 625 ft. of 4+1/2 inch casing Plugging Date: 05/10/2017
*Wireline Contractor: Ranger *Cementing Contractor: Ranger
Type of Cement and Additives Used: 15.8#/gal CI G cement & 15.8#/gal CI G cement with 2% CaCl
Flowline/Pipeline has been abandoned per Rule 1103 Yes No *ATTACH JOB SUMMARY

Technical Detail/Comments:

State 5519 41-8 (05-123-20676)/Plugging Procedure (Subsequent)
Producing Formation: Codell 6786'-6796'
Plugged Back Formation: J Sand 7252'-7258'
Existing CIBP at: 7200' This plug was not topped with cement.
TD: 7751' PBDT: 7418'
Surface Casing: 8 5/8" 24# @ 402' w/ 285 sxs.
Production Casing: 4 1/2" 10.5 & 11.6# @ 7455' w/ 470 sks cmt. (TOC at 2742' - CBL)

Tubing: 2 3/8" tubing set at 6771' (8/19/2011).

Proposed Procedure:

1. MIRU RU pulling unit. Clean out wellbore to top of CIBP at 7200'. TOH with tubing.
2. RU wireline company. Top CIBP with 2 sxs 15.8#/gal CI G cement.
3. TIH with CIBP. Set BP at 6730'. Top with 2 sxs 15.8#/gal CI G cement.
4. TIH with CIBP. Set BP at 6405'. Top with 2 sxs 15.8#/gal CI G cement.
5. TIH with casing cutter. Cut 4 1/2" casing at 625'. Pull cut casing.
6. TIH with tubing to 700'. Mix and pump 287 sxs 15.8#/gal CI G cement with 2% CaCl down tubing 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: Kelsi Welch
Title: Production Tech Date: _____ Email: kelsi.welch@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: _____

<u>COA Type</u>	<u>Description</u>

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
401293914	CEMENT JOB SUMMARY
401293915	WELLBORE DIAGRAM
401293916	WIRELINE JOB SUMMARY

Total Attach: 3 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
		Stamp Upon Approval

Total: 0 comment(s)