

Document Number:
401293416

Date Received:
05/25/2017

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 05-123-20675-00

Well Name: STATE 5519 Well Number: # 31-8

Location: QtrQtr: NWNE Section: 8 Township: 5N Range: 63W Meridian: 6

County: WELD Federal, Indian or State Lease Number: 265185

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: 40.419110 Longitude: -104.458420

GPS Data:
Date of Measurement: 07/25/2007 PDOP Reading: 2.2 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	6790	6798	05/04/2017	B PLUG CEMENT TOP	6740

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	402	285	402	0	VISU
1ST	7+7/8	4+1/2	10.5	6,947	150	6,947	6,000	CBL
S.C. 1.1				6,947	200	6,000	2,950	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6740 with 2 sacks cmt on top. CIBP #2: Depth 6431 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 49 sks cmt from 3020 ft. to 2390 ft. Plug Type: CASING Plug Tagged:
 Set 50 sks cmt from 613 ft. to 0 ft. Plug Type: CASING 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: _____ ft. _____ inch casing Plugging Date: 05/08/2017
 *Wireline Contractor: Ranger *Cementing Contractor: Ranger
 Type of Cement and Additives Used: 15.8#/gal CI G cement
 Flowline/Pipeline has been abandoned per Rule 1103 Yes No *ATTACH JOB SUMMARY

Technical Detail/Comments:

State 5519 31-8 (05-123-20675)/Plugging Procedure (Intent)
 Producing Formation: Codell 6790'-6798'
 TD: 6994' PBDT: 6935'
 Surface Casing: 8 5/8" 24# @ 402' w/ 285 sxs.
 Production Casing: 4 1/2" 10.5 & 11.6# @ 6947' w/ 350 sks cmt. (TOC at 2950' - CBL)
 Note: Casing patch set at 2789' with 219 sxs annular fill. (Surface to 2820' - CBL)
 Tubing: 2 3/8" 4.7# tubing set at 6776'. (9/23/2010)
 Proposed Procedure:
 1. MIRU RU pulling unit. Pull tubing.
 2. RU wireline company.
 3. TIH with CIBP. Set BP at 6740'. Top with 2 sxs 15.8#/gal CI G cement.
 4. TIH with CIBP. Set BP at 6431'. Top with 2 sxs 15.8#/gal CI G cement.
 5. TIH with tubing to 3020'. Mix and pump 49 sxs 15.8#/gal CI G cement down tubing to 2390'.
 6. TIH with tubing to 613'. Mix and pump 50 sxs 15.8#/gal CI G cement 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: 5/25/2017 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, Eric

COGCC Approved:

Date: 4/5/2018

CONDITIONS OF APPROVAL, IF ANY:

COA Type **Description**

--	--

Attachment Check List

Att Doc Num **Name**

401293416	FORM 6 SUBSEQUENT SUBMITTED
401293421	WELLBORE DIAGRAM
401293423	WIRELINE JOB SUMMARY
401293424	CEMENT JOB SUMMARY

Total Attach: 4 Files

General Comments

User Group **Comment**

Comment Date

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

Total: 0 comment(s)