

Document Number:
401623384

Date Received:
04/27/2018

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: 81480 Contact Name: Kathleen Spring
 Name of Operator: THOMAS L SPRING LLC Phone: (303) 771-1889
 Address: 7400 E ORCHARD RD STE 106-S Fax: _____
 City: GREENWOOD State: CO Zip: 80111 Email: kathleenspring3@gmail.com

For "Intent" 24 hour notice required, Name: Welsh, Brian Tel: (719) 325-6919
 COGCC contact: Email: brian.welsh@state.co.us

API Number 05-011-06172-00 Well Number: 3
 Well Name: WOLLERT B
 Location: QtrQtr: SENE Section: 14 Township: 21S Range: 48W Meridian: 6
 County: BENT Federal, Indian or State Lease Number: _____
 Field Name: MCCLAVE Field Number: 53600

Notice of Intent to Abandon Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 38.225750 Longitude: -102.764730
 GPS Data:
 Date of Measurement: 07/12/2012 PDOP Reading: 2.5 GPS Instrument Operator's Name: Tom Haskell
 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
MCCLAVE	4691	4768	04/27/2018		

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	305	245	305	0	VISU
1ST	7+7/8	4+1/2	10.5	4,694	295	4,691	3,030	CBL
S.C. 1.1				3,004	480	2,850	900	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 4600 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 _____ 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:
Set _____ sks cmt from _____ ft. to _____ ft. Plug Type: _____ Plug Tagged:

Perforate and squeeze at 1140 ft. with 40 sacks. Leave at least 100 ft. in casing 1060 CICR Depth

Perforate and squeeze at 570 ft. with 40 sacks. Leave at least 100 ft. in casing 490 CICR Depth

Perforate and squeeze at 340 ft. with 50 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 15 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 1103 Yes No *ATTACH JOB SUMMARY

Technical Detail/Comments:

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: _____ Print Name: Kathleen Spring

Title: Manager Date: 4/27/2018 Email: kathleenspring3@gmail.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: SUTPHIN, DIRK Date: 5/4/2018

CONDITIONS OF APPROVAL, IF ANY: _____

Expiration Date: 11/3/2018

COA Type	Description
	1) Provide 48 hour notice of MIRU via electronic Form 42. 2) Cheyenne-Dakota Plugs (Perf & squeezes at 1140' and 570'): Leave 100' cement in casing. 3) Shoe plug: Tag plug 50' above surface casing shoe. 4) Surface plug: Cement from 50' to surface in casing and annulus. 5) Properly abandon flowlines per Rule 1103. File Form 42 when done.
	Bradenhead: Prior to starting plugging operations a Bradenhead test shall be performed. The Form 17 shall be submitted within 10 days of the test. 1) If, before opening the Bradenhead valve, the beginning pressure is greater than 25 psi, sampling is required. 2) If pressure remains at the conclusion of the test, or if any liquids were present during the test, sampling is required. Sampling shall comply with Operator Guidance - Bradenhead Testing and Reporting Instructions, Appendix A: Liquid and Gas Sampling.

Attachment Check List

Att Doc Num	Name
401623384	FORM 6 INTENT SUBMITTED
401623406	WELLBORE DIAGRAM
401623407	WELLBORE DIAGRAM

Total Attach: 3 Files

General Comments

User Group	Comment	Comment Date
Engineer	Casing: DV tool at 3004 but CBL shows BOC stage cement at 2850 and TOC 1718, w/ other spots of cement 1340-1280, 1090-960, 930-900'. Cheyenne-Dakota on CBL this well from gamma 964-614' and confirmed on offset DIL 011-06105 Wollert B-1 from SP and Res. Plugging: • Added 2 perf & squeezes of 40 sks each at 1140' and 570' at locations between collars where there appears to be no cement on the CBL. These plugs will isolate below Cheyenne and above Dakota. With retainers set less than 100' above perfs leave enough cement on top of retainer to make the 100'. For example pump 35 sks through retainer, sting out and leave 5 sx on top of retainer. • Added perf & squeeze 50 sks across surface casing shoe.	05/04/2018
Well File Verification	Pass	04/30/2018

Total: 2 comment(s)