

Document Number:
401583617

Date Received:
03/22/2018

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 05-011-06108-00 Well Number: 1-10

Well Name: PIERSON-STATE

Location: QtrQtr: E2NE Section: 10 Township: 21S Range: 48W Meridian: 6

County: BENT Federal, Indian or State Lease Number: 74/6170-S

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: 38.241440 Longitude: -102.783110

GPS Data:
Date of Measurement: 07/12/2012 PDOP Reading: 2.2 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
MORROW	4713	4718			

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	405	350	405	0	
1ST	7+7/8	4+1/2	10.5	4,904	300	4,904	4,150	
S.C. 1.1				1,504	300	1,504	0	CALC

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 4663 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 15 sks cmt from 1100 ft. to 900 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:
Set _____ sks cmt from _____ ft. to _____ ft. Plug Type: _____ Plug Tagged:

Perforate and squeeze at 455 ft. with 50 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 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 1105 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: 3/22/2018 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: 5/15/2018

CONDITIONS OF APPROVAL, IF ANY: _____

Expiration Date: 11/14/2018

COA Type	Description
	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.
	1) Provide 48 hour notice of MIRU via electronic Form 42. 2) Shoe plug: Tag plug 50' above surface casing shoe, if not circulated to surface. 3) Surface plug: Cement from 50' to surface in casing and annulus. 4) Properly abandon flowlines per Rule 1103. File Form 42 when done.

Attachment Check List

Att Doc Num	Name
401583617	FORM 6 INTENT SUBMITTED
401583746	WELLBORE DIAGRAM
401583747	WELLBORE DIAGRAM

Total Attach: 3 Files

General Comments

User Group	Comment	Comment Date
Engineer	Casing: 1981 Drilling Completion Report - Form 5 #574281 indicates a F.O. tool at 1504' cemented with 300 sks, as do the herein attached Wellbore Diagrams. Calc TOC is surface. Entered FO line as S.C.1.1. Calc TOC for primary 300 sx is ~3450' but left unchanged the operator entry for primary TOC of 4150'. CDSS Aquifer Determination: Surface, Elevation (ft), Depth To (ft) Top of Dakota, 3426, 468_Base of Dakota, 3221, 673_Top of Cheyenne, 3162, 732_Base of Cheyenne, 3029, 865. Induction Log - SFL looks like base of Cynn at 910'. Plugging: Moved CIBP #1 up to 4663' (50' above Mrrw perms). Added plug at 1100-900' to isolate below Cynn. Moved shoe plug down to 455' (50' below surface casing shoe). Top of F.O. tool cement may be above surface casing shoe.	05/15/2018
Public Room	Pass	03/23/2018

Total: 2 comment(s)