

Document Number:  
401317501

Date Received:  
06/24/2017

**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: 53790 Contact Name: Mark Brown

Name of Operator: MARKUS PRODUCTION, INC Phone: (720) 350-8858

Address: 39 FAIRWAY LANE Fax: \_\_\_\_\_

City: LITTLETON State: CO Zip: 80123 Email: mark@markusproduction.com

**For "Intent" 24 hour notice required,** Name: Pesicka, Conor Tel: (970) 415-0789

**COGCC contact:** Email: conor.pesicka@state.co.us

API Number 05-123-14397-00

Well Name: LIVENGOOD Well Number: 2-7

Location: QtrQtr: NWNE Section: 7 Township: 7N Range: 59W Meridian: 6

County: WELD Federal, Indian or State Lease Number: 55564

Field Name: CARETAKER Field Number: 10225

Notice of Intent to Abandon       Subsequent Report of Abandonment

*Only Complete the Following Background Information for Intent to Abandon*

Latitude: 40.594809 Longitude: -104.019603

GPS Data:  
Date of Measurement: 05/18/2010 PDOP Reading: 4.1 GPS Instrument Operator's Name: Waylon Binger

Reason for Abandonment:  Dry  Production Sub-economic  Mechanical Problems  
 Other \_\_\_\_\_

Casing to be pulled:  Yes  No Estimated Depth: 5500

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
D SAND	6814	6819			

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	250	155	250	0	VISU
1ST	7+7/8	4+1/2	10.5	6,935	195	6,935	6,256	CALC

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6760 with 10 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 100 sks cmt from 5550 ft. to 5400 ft. Plug Type: STUB PLUG Plug Tagged:   
Set 50 sks cmt from 1600 ft. to 1500 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 50 sacks half in. half out surface casing from 300 ft. to 200 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. \_\_\_\_\_ 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:

Decided to PxA the well instead of doing MIT required per notice of 3/7/17

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

Signed: \_\_\_\_\_ Print Name: Mark Brown

Title: President Date: 6/24/2017 Email: mark@markusproduction.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: 6/27/2017

**CONDITIONS OF APPROVAL, IF ANY:** \_\_\_\_\_

Expiration Date: 12/26/2017

<b>COA Type</b>	<b>Description</b>
	Submit Form 5A to report Shut-In status from April 2013 to Sept 2016. This Form 5A must be submitted within 30 days for compliance with Rule 308B.
	Submit Operator's Monthly Production Reports (Form 7) required for compliance with Rule 309 within 30 days.
	Bradenhead: Prior to initiation of plugging operations, a Bradenhead test shall be performed. Form 17 shall be submitted within 10 days. If there is 25 psi or greater pressure on the Bradenhead, or flowed any liquids from the Bradenhead, collect samples. See COGCC website - 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) If casing is not recovered and stub plug cannot be set between 5900' and 4100' (proposed cut at 5500'), perf & squeeze 40 sks cement 100' above top of cement (between 5900' and 4100'). 3) Shoe plug: Tag plug 50' above surface casing shoe, if not circulated to surface. 4) Surface plug: Cement from 50' to surface in casing and annulus. 5) Properly abandon flowlines per Rule 1103. File Form 42 when done. 6) Abandoned well marker shall be inscribed with the well identification per Rule 319.a. (5).

### **Attachment Check List**

<b>Att Doc Num</b>	<b>Name</b>
401317501	FORM 6 INTENT SUBMITTED
401318090	WELLBORE DIAGRAM

Total Attach: 2 Files

### **General Comments**

<b>User Group</b>	<b>Comment</b>	<b>Comment Date</b>
Permit	Corrected perf top from 6810' to 6814' as reported on Form 5 and attached wellbore diagram. (6810' is the top of the formation reported on the Form 5.)	06/27/2017
Permit	Verified as-built lat/long GPS data and Form 5 Drilling Completion Report (Doc# 225871, 1/18/1990); D-Sand perms 6814-6819'.	06/27/2017
Public Room	Document verification complete 06/27/17	06/27/2017

Total: 3 comment(s)