

FORM  
6Rev  
12/05State of Colorado  
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



DE ET OE ES

Document Number:

400671638

Date Received:

08/25/2014

## 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: 10422

Contact Name: Jake Flora

Name of Operator: PRONGHORN OPERATING LLC

Phone: (720) 988-5375

Address: 8400 E PRENTICE AVENUE #1000

Fax:

City: GREENWOOD State: CO Zip: 80111

Email: jakeflora@kfrcorp.com

**For "Intent" 24 hour notice required,**

Name: Welsh, Brian

Tel: (719) 325-6919

**COGCC contact:**

Email: brian.welsh@state.co.us

API Number 05-017-07788-00

Well Name: Boss Hogg

Well Number: 1

Location: QtrQtr: SESW Section: 1 Township: 15s Range: 45w Meridian: 6

County: CHEYENNE

Federal, Indian or State Lease Number:

Field Name: LADDER CREEK

Field Number: 47600

☒ Notice of Intent to Abandon☐ Subsequent Report of Abandonment*Only Complete the Following Background Information for Intent to Abandon*

Latitude: 38.772440

Longitude: -102.399720

GPS Data:

Date of Measurement: 03/12/2014

PDOP Reading: 2.8

GPS Instrument Operator's Name: Elijah Frane

Reason for Abandonment: ☒ Dry☐ Production for Sub-economic☐ Mechanical Problems☐ OtherCasing 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
SHAWNEE	4086	4134			
SPERGEN	5283	5330	08/04/2014	B PLUG CEMENT TOP	5230

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	17+1/2	13+3/8	54	530	475	530	0	VISU
1ST	12+1/4	8+5/8	24	1,622	100	1,622	1,000	CALC
2ND	7+7/8	5+1/2	15.5	5,369	105	5,369	4,500	CBL
S.C. 2.1				4,335	100	4,354	3,040	CBL
S.C. 2.2				2,353	250	2,400	295	CBL

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 4000 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 20 sks cmt from 2300 ft. to 2127 ft. Plug Type: CASING Plug Tagged: ☐  
Set 20 sks cmt from 1600 ft. to 1428 ft. Plug Type: CASING Plug Tagged: ☐  
Set 40 sks cmt from 580 ft. to 241 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: ☐

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 40 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. of \_\_\_\_\_ inch casing Plugging Date: \_\_\_\_\_  
\*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: Jake Flora  
Title: Petroleum Engineer Date: 8/25/2014 Email: jakeflora@kfrcorp.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: 9/8/2014

CONDITIONS OF APPROVAL, IF ANY:

Expiration Date: 3/7/2015

<u>COA Type</u>	<u>Description</u>
	Note changes to submitted form. See comments. 1) Provide 48 hour notice of MIRU via electronic Form 42. 2) Tag shoe plug 50' above shoe (480' or shallower). 3) Surface plug: Cement from 50' to surface, in 5-1/2" casing and in both annuluses (13-3/8"x8-5/8" and 8-5/8" x 5-1/2").

### **Attachment Check List**

<u>Att Doc Num</u>	<u>Name</u>
400671638	FORM 6 INTENT SUBMITTED
400672623	WELLBORE DIAGRAM

Total Attach: 2 Files

### **General Comments**

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	Reorganized cement casing history table per Form 5. Moved plug proposed at 500' down to 580' to overlap 50' with the surface casing. Increased cement to maintain proposed top of plug at 241' though this is not required (see COA #2). Increased surface plug from 6 sx to 40 sx to account for volumes in annuluses.	9/8/2014 3:41:02 PM

Total: 1 comment(s)