

Document Number:
400678983

Date Received:
09/03/2014

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 05-017-06098-00 Well Number: 2

Well Name: State of Colorado

Location: QtrQtr: SWSW Section: 16 Township: 13S Range: 44W Meridian: 6

County: CHEYENNE Federal, Indian or State Lease Number: 2366.12

Field Name: SMOKY CREEK Field Number: 77560

Notice of Intent to Abandon Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 38.915480 Longitude: -102.349740

GPS Data:
Date of Measurement: 05/13/2013 PDOP Reading: 3.1 GPS Instrument Operator's Name: Elijah Frane

Reason for Abandonment: Dry Production for 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
SPERGEN	5416	5422			

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	284	211	284	0	VISU
1ST	7+7/8	5+1/2	15.5	5,516	125	5,516	5,350	CBL
S.C. 1.1				4,309	100	4,309	3,610	CBL
S.C. 1.2				2,664	250	2,664	1,620	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 5400 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 4150 ft. to 4000 ft. Plug Type: CASING Plug Tagged:
 Set 20 sks cmt from 2600 ft. to 2427 ft. Plug Type: CASING Plug Tagged:
 Set 20 sks cmt from 1950 ft. to 1778 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 330 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. 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: 9/3/2014 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: 9/12/2014

CONDITIONS OF APPROVAL, IF ANY: _____ Expiration Date: 3/11/2015

COA Type	Description
	Note changes to submitted form. 1) Provide 48 hour notice of MIRU via electronic Form 42. Notify area engineer dirk.sutphin@state.co.us, 303-894-2100x5107. 2) Shoe plug: Tag 50' above surface casing shoe (230'). 3) Surface plug: Cement from 50' to surface in casing and annulus.

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
400678983	FORM 6 INTENT SUBMITTED
400678984	WELLBORE DIAGRAM

Total Attach: 2 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	Corrected surface casing data: size hole, size casing, weight and depth were wrong. 5-1/2" casing depth: cannot be deeper than TD. Corrected TOC primary 5350' from CBL. This is less than 200' above Spergen perms. Added plug at 4150' adjacent to stage cement to isolate near top of Pennsylvanian as there is production w/in 2 miles in the Mrrw and Mrtn (Fort Scott). Increased depth and sx on shoe plug and sx on surface plug.	9/12/2014 8:55:12 AM

Total: 1 comment(s)