

FORM  
6Rev  
12/05

## State of Colorado

## Oil and Gas Conservation Commission

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



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Document Number:

400748084

Date Received:

12/09/2014

## 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: 47200

Contact Name: Thomas Hohn

Name of Operator: KGH OPERATING COMPANY

Phone: (406) 655-3381

Address: P O BOX 2235

Fax: (406) 655-3383

City: BILLINGS State: MT Zip: 59103-

Email: tkhohn@hohneng.com

For "Intent" 24 hour notice required,

Name: Granahan, Kyle

Tel: (970) 989-4388

COGCC contact:

Email: kyle.granahan@state.co.us

API Number 05-103-09255-00

Well Name: HELLS HOLE FEDERAL

Well Number: 2

Location: QtrQtr: NWNW Section: 12 Township: 2S Range: 104W Meridian: 6

County: RIO BLANCO

Federal, Indian or State Lease Number: 45252

Field Name: HELLS HOLE CANYON

Field Number: 34175

☒ Notice of Intent to Abandon☐ Subsequent Report of Abandonment

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

Latitude: 39.894250

Longitude: -109.024280

GPS Data:

Date of Measurement: 05/27/2011

PDOP Reading: 1.4

GPS Instrument Operator's Name: Joe Dyk

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
DAKOTA	7028	7036			

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
CONDUCTOR	17+1/2	15		113		113	0	VISU
SURF	12+1/4	8+5/8	24	507	375	507	0	VISU
1ST	7+7/8	4+1/2	11.6	7,174	600	7,174	4,541	CALC

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth \_\_\_\_\_ with \_\_\_\_\_ sacks cmt on top. CIPB #2: Depth \_\_\_\_\_ with \_\_\_\_\_ sacks cmt on top.  
CIBP #3: Depth \_\_\_\_\_ with \_\_\_\_\_ sacks cmt on top. CIPB #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 36 sks cmt from 7174 ft. to 6764 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 2996 ft. with 20 sacks. Leave at least 100 ft. in casing \_\_\_\_\_ CICR Depth

Perforate and squeeze at 557 ft. with 20 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 20 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:

Pump 36 sx (410 ft) cement from TD of 7174' to 6764' to cover existing perforations at 7028-7036'. Fill hole iwth water, tag cement top with perforating gun, perforate at 2996 ft (50 ft below Manocs) with 2 spf, pump 20 sx (100 ft) balance plug across Macos through the 2966 perforations, top hole off with water, perforate at 508' (surface casing shoe) with 2 spf, squeeze 20 sx (100 ft) across casing shoe (50 ft below and above shoe). Cut well head off 5 feet below grade, set well monument.

All cement will be Class G, 15.8#/gal

Recontour Site, reseed with approved seed mix.

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

Signed: \_\_\_\_\_ Print Name: Thomas K Hohn

Title: Designated Agent Date: 12/9/2014 Email: tkhohn@hohneng.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: BURGER, CRAIG Date: 12/30/2014

CONDITIONS OF APPROVAL, IF ANY:

Expiration Date: 6/29/2015

<u>COA Type</u>	<u>Description</u>
	1) Provide 48 hour notice of plugging MIRU via electronic Form 42. 2) Properly abandon flowlines per Rule 1103. File electronic Form 42 when flowline abandonment is complete. 3) Revised surface casing plug: perforate and squeeze at 557' (50' below shoe). Tag plug at least 50' above the surface casing shoe (457') unless squeeze is pumped below a CICR.

### **Attachment Check List**

<u>Att Doc Num</u>	<u>Name</u>
400748084	FORM 6 INTENT SUBMITTED
400748302	WELLBORE DIAGRAM

Total Attach: 2 Files

### **General Comments**

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	Added conductor string per document #354877. Added cement bottoms to casing tab. Revised surface casing cement to 375 sxs per doc #354883.	12/30/2014 7:58:09 AM
Permit	Passes Permitting.  Doc 354870 is Form 5, 5A. No CBL in well file.	12/30/2014 7:40:27 AM

Total: 2 comment(s)