

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

1120 Lincoln Street, Suite 801, Denver, Colorado 80205 Phone: (303) 894-2100 Fax: (303) 894-2109



DE ET OE ES

Date Received:

Document Number:

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## 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: 10150 Contact Name: Jessica Donahue  
Name of Operator: BLACK HILLS PLATEAU PRODUCTION LLC Phone: (720) 210-1333  
Address: 1515 WYNKOOP ST STE 500 Fax: (303) 566-3344  
City: DENVER State: CO Zip: 80202 Email: Jessica.Donahue@blackhillscorp.com  
For "Intent" 24 hour notice required, Name: BROWNING, CHUCK Tel: (970) 433-4139  
COGCC contact: Email: chuck.browning@state.co.us

API Number 05-077-08659-00  
Well Name: HORSESHOE CANYON Well Number: 2-16  
Location: QtrQtr: SWSW Section: 16 Township: 9S Range: 97W Meridian: 6  
County: MESA Federal, Indian or State Lease Number: 35989  
Field Name: SHIRE GULCH Field Number: 77450

☐ Notice of Intent to Abandon ☒ Subsequent Report of Abandonment

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

Latitude: 39.267997 Longitude: -108.228983  
GPS Data:  
Data of Measurement: 04/30/2008 PDOP Reading: 1.7 GPS Instrument Operator's Name: Alan Vrooman  
Reason for Abandonment: ☐ Dry ☐ Production for Sub-economic ☐ Mechanical Problems  
☐ Other \_\_\_\_\_  
Casing to be pulled: ☐ Yes ☐ No Top of Casing Cement: \_\_\_\_\_  
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	Code	Perf. Top	Perf. Bottom	Date	Method of Isolation	Plug Depth
MESAVERDE	MVRD	3174	3435	01/22/2011	RETAINER/SQUEEZED	

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	470	325	470	0	
1ST	7+7/8	5+1/2	15.5	3,598	130	3,598	2,870	

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 3100 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 50 sks cmt from 2650 ft. to 2229 ft. in Plug Type: CASING Plug Tagged: ☐

Set 180 sks cmt from 1125 ft. to 520 ft. in Plug Type: CASING Plug Tagged: ☐

Set 160 sks cmt from 520 ft. to 0 ft. in Plug Type: CASING Plug Tagged: ☐

Set \_\_\_\_\_ sks cmt from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. in Plug Type: \_\_\_\_\_ Plug Tagged: ☐

Set \_\_\_\_\_ sks cmt from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. in 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 \_\_\_\_\_ 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: 0 ft. of \_\_\_\_\_ inch casing

Plugging Date: 01/23/2011

\*Wireline Contractor: CHS

\*Cementing Contractor: BJ Services

Type of Cement and Additives Used: \_\_\_\_\_

Flowline/Pipeline has been abandoned per Rule 1103 ☐ Yes ☐ No

\*ATTACH JOB SUMMARY

Comment:

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

Signed: \_\_\_\_\_

Print Name: Jessica Donahue

Title: Regulatory Technician

Date: \_\_\_\_\_

Email: Jessica.Donahue@blackhillscorp.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: \_\_\_\_\_

Date: \_\_\_\_\_

### CONDITIONS OF APPROVAL, IF ANY:

### Attachment Check List

Att Doc Num	Name
400137620	CEMENT JOB SUMMARY
400137621	WELLBORE DIAGRAM
400137622	WIRELINE JOB SUMMARY

Total Attach: 3 Files

### General Comments

User Group	Comment	Comment Date

Total: 0 comment(s)