

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:

400804957

Date Received:

03/06/2015

## 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: Conklin, Curtis Tel: (970) 986-7314  
COGCC contact: Email: curtis.conklin@state.co.us

API Number 05-077-08503-00 Well Number: 1-13-100  
Well Name: WINTER FLATS  
Location: QtrQtr: NENE Section: 13 Township: 9S Range: 100W Meridian: 6  
County: MESA Federal, Indian or State Lease Number:  
Field Name: BRONCO FLATS Field Number: 7563

☒ Notice of Intent to Abandon ☐ Subsequent Report of Abandonment

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

Latitude: 39.278675 Longitude: -108.491839  
GPS Data:  
Date of Measurement: 09/16/2008 PDOP Reading: 1.4 GPS Instrument Operator's Name: JESSICA DONAHUE  
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: During a workover, the attempt to pull tubing resulted in stuck tubing. A chemical cut took place downhole, leaving a piece of tbg at 6150'.

## Current and Previously Abandoned Zones

Formation	Perf. Top	Perf. Btm	Abandoned Date	Method of Isolation	Plug Depth
CEDAR MOUNTAIN	6447	6506			
DAKOTA	6382	6407			

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	13+3/4	9+5/8	36	308	325	308	0	CALC
1ST	8+3/4	4+1/2	10.5	6,630	560	6,630	6,030	CBL
2ND	4+1/2	2+7/8	6.5	6,196	130	6,196	700	CALC
		4	Stage Tool	2,263	280	2,263	1,215	CALC

### Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6150 with 1 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 \_\_\_\_\_ 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: ☐  
 Set \_\_\_\_\_ sks cmt from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Plug Type: \_\_\_\_\_ Plug Tagged: ☐

Perforate and squeeze at 1950 ft. with 50 sacks. Leave at least 100 ft. in casing \_\_\_\_\_ CICR Depth  
 Perforate and squeeze at 1025 ft. with 25 sacks. Leave at least 100 ft. in casing \_\_\_\_\_ CICR Depth  
 Perforate and squeeze at 358 ft. with 300 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: \_\_\_\_\_ 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: Jessica Donahue

Title: Regulatory Technician

Date: 3/6/2015

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: BURGER, CRAIG

Date: 3/11/2015

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

Expiration Date: 9/10/2015

<b>COA Type</b>	<b>Description</b>
	1) Move surface casing shoe perforations from 308' (shoe) to 358' (50' below shoe). 2) Provide 48 hour notice of plugging MIRU via electronic Form 42. 3) Properly abandon flowlines per Rule 1103. File electronic Form 42 when flowline abandonment is complete.

### **Attachment Check List**

<b>Att Doc Num</b>	<b>Name</b>
400804957	FORM 6 INTENT SUBMITTED
400805022	WELLBORE DIAGRAM
400805026	WELLBORE DIAGRAM
400805028	PROPOSED PLUGGING PROCEDURE

Total Attach: 4 Files

### **General Comments**

<b>User Group</b>	<b>Comment</b>	<b>Comment Date</b>
Engineer	Added DV tool to casing tab and changed 1st string cement to 560 sx per doc #481467. Changed 1st string TOC to 6030' based on CBL (doc#960527). Changed 2 7/8" cement quantity to 130 sxs based on doc#1989826. Changed liner to 2nd string. Well file does not contain documentation of Dakota perms at 6382-6407'.	3/11/2015 9:59:51 AM
Permit	Passes Permitting.	3/9/2015 8:49:45 AM

Total: 2 comment(s)