

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: Daniel Manus
 Name of Operator: BLACK HILLS PLATEAU PRODUCTION LLC Phone: (505) 860-9194
 Address: 1515 WYNKOOP ST STE 500 Fax: _____
 City: DENVER State: CO Zip: 80202 Email: daniel.manus@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 05-077-08457-00 Well Number: 1-16-99
 Well Name: WINTER FLATS
 Location: QtrQtr: SWNE Section: 16 Township: 9S Range: 99W 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: 39.275566 Longitude: -108.441125
 GPS Data:
 Date of Measurement: 10/08/2008 PDOP Reading: 3.9 GPS Instrument Operator's Name: Jessica Donahue
 Reason for Abandonment: Dry Production 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
CEDAR MOUNTAIN-MORRISON	6562	6631			
DAKOTA	6493	6544			

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	14+3/4	10+3/4	40.5	306	300	306	0	VISU
1ST	8+3/4	7	23	2,838	150	2,838	1,590	CALC
2ND	6+1/4	4+1/2	10.5	6,708	150	6,708	5,424	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6450 with 5 sacks cmt on top. CIBP #2: Depth 4700 with 5 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 _____ 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 1540 ft. with 100 sacks. Leave at least 100 ft. in casing 1440 CICR Depth
Perforate and squeeze at 4850 ft. with 60 sacks. Leave at least 100 ft. in casing _____ CICR Depth
Perforate and squeeze at 2888 ft. with 30 sacks. Leave at least 100 ft. in casing _____ CICR Depth

(Cast Iron Cement Retainer Depth)

Set 300 sacks half in. half out surface casing from 356 ft. to 0 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. _____ inch casing Plugging Date: _____
of _____

*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: Daniel Manus

Title: Regulatory Tech II Date: 5/31/2017 Email: daniel.manus@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: 7/18/2017

CONDITIONS OF APPROVAL, IF ANY: _____

Expiration Date: 1/17/2018

COA Type	Description
	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)This well has federal minerals. Operator shall notify COGCC engineering staff of any plugging changes required by the BLM or unexpected conditions in the field as soon as feasible. 4)Plugs added: perforate at 4850' and squeeze 60 sacks to provide Niobrara isolation plug in casing and annulus. Perforate at 2888' and squeeze 30 sacks to provide intermediate shoe plug in casing and annulus.

Attachment Check List

Att Doc Num	Name
401296267	FORM 6 INTENT SUBMITTED
401296478	PROPOSED PLUGGING PROCEDURE
401296479	WELLBORE DIAGRAM

Total Attach: 3 Files

General Comments

User Group	Comment	Comment Date
Engineer	Emailed operator. Mancos shown on wellbore diagram is reported as Mancos B in files. Mancos top is 2464'. Plug at intermediate casing shoe is not planned. Attached document labeled wellbore diagram (doc #401296477) is a duplicate of the procedure. Operator emailed current wellbore diagram. Removed existing and attached new WBD. Operator provided Niobrara top of 4752'. Emailed regarding perf and squeeze to cover Niobrara and perforating 50' below intermediate shoe.	07/10/2017
Public Room	Document verification complete 05/31/17	05/31/2017

Total: 2 comment(s)