

Document Number:
401020696

Date Received:
04/04/2016

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 05-077-08519-00

Well Name: PALLAORO Well Number: 15-2

Location: QtrQtr: NESW Section: 15 Township: 10S Range: 96W Meridian: 6

County: MESA Federal, Indian or State Lease Number: 36006

Field Name: PLATEAU Field Number: 69300

Notice of Intent to Abandon Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 39.180960 Longitude: -108.096410

GPS Data:
Date of Measurement: 06/10/2010 PDOP Reading: 2.7 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
CAMEO	2651	2808			
COZZETTE	3274	3290	06/03/1999	BRIDGE PLUG	
CORCORAN	3336	3366	06/03/1999	BRIDGE PLUG	

Total: 3 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	160	150	160	0	VISU
1ST	7+7/8	5+1/2	15.5	3,437	460	3,437	1,758	CALC
S.C. 1.1		5+1/2		1,100	348	1,100	0	CALC

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 2550 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 _____ 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 1600 ft. with 45 sacks. Leave at least 100 ft. in casing _____ CICR Depth
Perforate and squeeze at 312 ft. with 300 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: _____ 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: 4/4/2016 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: 5/2/2016

CONDITIONS OF APPROVAL, IF ANY: _____ Expiration Date: 11/1/2016

COA Type

Description

	1)Provide CBL to COGCC area engineer for concurrence with not placing plugs where annular cement is present. 2)Check bradenhead pressure prior to operations and contact COGCC area engineer if pressure is greater than 40 psi. 3)Provide 48 hour notice of plugging MIRU via electronic Form 42. 4)Properly abandon flowlines per Rule 1103. File electronic Form 42 when flowline abandonment is complete.
--	--

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
401020696	FORM 6 INTENT SUBMITTED
401020712	PROPOSED PLUGGING PROCEDURE
401020713	WELLBORE DIAGRAM
401020715	WELLBORE DIAGRAM

Total Attach: 4 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	TOC from sundry doc #864231, references CBL run. Asked operator if CBL is available. Added squeeze cement based on document #864232. Squeeze not shown on attached wellbore diagram. Deepest water well within one mile is 733' at a ground surface elevation of 5720' above sea level.	4/28/2016 8:36:49 AM
Public Room	Document verification complete 04/05/16	4/5/2016 11:01:17 AM

Total: 2 comment(s)