

Document Number:
401447095

Date Received:
11/06/2017

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 Name: WINTER FLATS Well Number: 1-16-99

Location: QtrQtr: SWNE Section: 16 Township: 9S Range: 99W Meridian: 6

County: MESA Federal, Indian or State Lease Number: COC12649A

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: _____ 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
DAKOTA	6493	6631	10/17/2017	B PLUG CEMENT TOP	6450

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	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	5,360	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6450 with 5 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 20 sks cmt from 4737 ft. to 4480 ft. Plug Type: CASING Plug Tagged:
 Set 28 sks cmt from 356 ft. to 0 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:

Perforate and squeeze at 4850 ft. with 40 sacks. Leave at least 100 ft. in casing 4737 CICR Depth
 Perforate and squeeze at 2893 ft. with 60 sacks. Leave at least 100 ft. in casing 2809 CICR Depth
 Perforate and squeeze at 1740 ft. with 150 sacks. Leave at least 100 ft. in casing 1672 CICR Depth
(Cast Iron Cement Retainer Depth)

Set _____ sacks half in. half out surface casing from _____ ft. to _____ ft. Plug Tagged:
 Set 155 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. _____ inch casing Plugging Date: 10/21/2017
 of _____
 *Wireline Contractor: Ensign *Cementing Contractor: DUCO Service
 Type of Cement and Additives Used: Class G cement
 Flowline/Pipeline has been abandoned per Rule 1105 Yes No *ATTACH JOB SUMMARY

Technical Detail/Comments:

Perf @ 356' and circulate 70 sx inside and outside production casing. 28 sx inside and 42 sx in annulus.
 155 sx at surface was pumped down the surface valve.

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: 11/6/2017 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: Bouzek, Jared Date: 12/3/2018

CONDITIONS OF APPROVAL, IF ANY: _____

<u>COA Type</u>	<u>Description</u>

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
1801351	WIRELINe TICKET
1801352	CEMENT TICKET
401447095	FORM 6 SUBSEQUENT SUBMITTED
401447239	WELLBORE DIAGRAM
401447242	CEMENT BOND LOG
401447249	CEMENT BOND LOG
401450585	OPERATIONS SUMMARY

Total Attach: 7 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	Form 42 for flowline abandonment was filed under the Location ID #312525.	12/03/2018
Engineer	Missing Form 42 for flowline abandonment Missing wireline tickets (RMWS) Missing cement tickets (DUCO)	11/28/2018

Total: 2 comment(s)