

FORM
6Rev
12/05

State of Colorado Oil and Gas Conservation Commission

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



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Date Received:

06/13/2011

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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 05-077-08327-00

Well Name: HORSESHOE CANYON

Well Number: 1-28

Location: QtrQtr: SWSE Section: 28 Township: 9S Range: 97W Meridian: 6

County: MESA

Federal, Indian or State Lease Number: 36125

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: 39.239422

Longitude: -108.219874

GPS Data:

Data of Measurement: 04/30/2008

PDOP Reading: 1.8

GPS Instrument Operator's Name: Alan Vrooman

Reason for Abandonment:

☐ Dry☒ Production for Sub-economic☐ Mechanical Problems☐ OtherCasing to be pulled: ☐ Yes☒ No

Top of Casing Cement: 4347

Fish in Hole: ☐ Yes☒ No

If yes, explain details below

Wellbore has Uncemented Casing leaks:

☒ Yes☐ No

If yes, explain details below

Details: Interval 2000'-2846' HIC were discovered 8/12/06.

Current and Previously Abandoned Zones

Formation	Perf. Top	Perf. Btm	Abandoned Date	Method of Isolation	Plug Depth
COZZETTE	3024	3050			
CORCORAN	3236	3250			

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	10+3/4	40.5	372	225	372	0	VISU
1ST	8+3/4	7	20	3,600	400	3,600	2,842	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 2975 with 2 sacks cmt on top. CIBP #2: Depth 2350 with 10 sacks cmt on top.
CIBP #3: Depth 1075 with 10 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 2400 ft. with 50 sacks. Leave at least 100 ft. in casing 2350 CICR Depth

Perforate and squeeze at 1125 ft. with 75 sacks. Leave at least 100 ft. in casing 1075 CICR Depth

Perforate and squeeze at 425 ft. with 180 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: 6/13/2011 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: KRABACHER, JAY Date: 8/16/2011

CONDITIONS OF APPROVAL, IF ANY: _____

Expiration Date: 2/15/2012

Attachment Check List

Att Doc Num	Name
400173177	FORM 6 SUBMITTED
400174620	PROPOSED PLUGGING PROCEDURE
400174621	WELLBORE DIAGRAM
400174622	WELLBORE DIAGRAM

Total Attach: 4 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	well TD was 4347', PBTD = 3290'	8/15/2011 12:18:45 PM

Total: 1 comment(s)