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COGCC/Rifle Office

Submit original plus one copy. This form is to be submitted as an intent whenever a plugging is planned on a borehole. The approved intent shall be valid for twelve months after the approval date after that period a new intent will be required. After the plugging is complete, this form and one copy shall again be submitted as a subsequent report of the work as actually completed.

<b>COGCC Operator Number</b> 10150		<b>Contact Name &amp; Telephone</b>	
Name of Operator: Black Hills Plateau Production, Inc.		Doug Hollands	
Address: 350 Indiana St., Suite 400		No: 720-210-1311	
City: Golden		Fax: 720-210-1363	
State: CO		Zip: 80401	
<b>API Numbe</b> 05-077-08513			
Well Name: Winter Flats		Well Number: 1-12-100	
Location (QtrQtr, Sec, Twp, Rng, Meridian): SWNE, Sec 12, T9S, R100W 6PM			
County: Mesa			
Federal, Indian or State Lease Number: COC12657A			
Field Name: Bronco Flats		Field Number: 7563	

Complete the

<b>Attachment Checklist</b>	OGCC
Wellbore Diagram	
Cement Job Summary	
Wireline Job Summary	

☒ **Notice of Intent to Abandon** ☐ **Subsequent Report of Abandonment**

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

Latitude: 39.289529 Longitude: -108.493746

GPS Data:

Date of Measurement: PDOP Reading: Instrument Operator's Name:

Reason for Abandonment: ☐ Dry ☐ Production Sub-economic ☒ Mechanical Problems ☐ Other

Casing to be Pulled: ☐ Yes ☒ No Top of Casing Cement:

Fish in Hole: ☐ Yes ☒ No If yes, explain details below

Wellbore has Uncemented Casing Leaks: ☐ Yes ☒ No If yes, explain details below

Details: Discovered leaks while performing MIT

Current and Previously Abandoned Zones			
Formation	Perforations - Top Bottom	Date Abandoned	Method of Isolation (None, Squeezed, BP, Cement, etc.)
Dakota	6531 6606		Casing Plug
Cedar Mtn	6683 6705		

Casing History			
String	Size of Hole	Size of Casing Weight per ft	Setting Depth
Surface	13-3/4"	36.0#	313'
Intermediate	8-3/4"	10.5#	6794'

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 2024 with 5 sacks cmt on top. CIBP #2: Depth 1050 10 sacks cmt on top. required on all CIBPs.

Set 45 sacks cmt from 2024 ft. to 2424 ft. in ☐ Casing ☐ Open Hole ☐ Annulus

Set sacks cmt from ft. to ft. in ☐ Casing ☐ Open Hole ☐ Annulus

Set sacks cmt from ft. to ft. in ☐ Casing ☐ Open Hole ☐ Annulus

Set sacks cmt from ft. to ft. in ☐ Casing ☐ Open Hole ☐ Annulus

Set sacks cmt from ft. to ft. in ☐ Casing ☐ Open Hole ☐ Annulus

Perforate and squeeze at 1100 ft. with 140 sacks Leave at least 100 ft. in casing

Perforate and squeeze at 363 ft. with 55 sacks Leave at least 100 ft. in casing

Perforate and squeeze at ft. with sacks Leave at least 100 ft. in casing

Set sacks half in, half out surface casing from ft. to ft.

Set +/- 30 sacks at surface

Cut four feet below ground level, weld on plate

Set sacks in rat hole

Dry-Hole Marker: ☒ Yes ☐ No

sacks in mouse hole

Additional Plugging Information for Subsequent Report Only

Casing Recovered: ft. of in. casing

Plugging date:

\*Wireline Contractor:

\*Cementing Contractor:

Type of Cement and Additives Used:

\*Attach job summaries.

I hereby certify that the statements made in this form are, to the best of my knowledge, true, correct, and complete.

Print Name Doug Hollands Email: ghollands@bhcp.com

Signed: Title: Engineering Technician Date: 09/17/08

OGCC Approved: Title: Date: 10/8/2010

CONDITIONS OF APPROVAL, IF ANY:

As-Built GPS coord required w/ Subsequent Form 6



Black Hills Plateau Production, LLC

A Black Hills Corporation Enterprise

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General Well Info					3/13/2008
Well Name:	Winter Flats 1-12-100	Field:	Bronco Flats		
Srf Location:	SWNE 12 9S 100W 6PM	County:	Mesa		
Lease # (a.u.):	C-12657-A	State:	Colorado		
API #:	05-077-08513	Spud Date:	8/25/1982		
IGL Elev:	6396'	TD Date:	9/5/1982		
KB Elev:	6410'	Compl Date:	10/26/1982		
Formation Tops					
Zone	Depth	Zone	Depth		
ROLLINS	1853'	DAKOTA SS	6522'		
COZZETTE	1950'	CEDAR MTN	6632'		
CORCORAN	2212'	MORRISON	6710'		
MANCOS	2456'				
DAKOTA SILT	6495'				

Surface casing (8/25/82):  
9 5/8" (9jls) 36# LT&C LS set @ 313' (13 3/4" hole)  
325sx Reg 2% CaCl w/ 1/4#/sk Flocele - good circ

TOC @ srf

Production casing (9/6/82):  
4 1/2" (167jls) 10.5# J55 ST&C set @ 6794', FC @ 6754' (8 3/4" hole)  
100sx Lite & 240sx Reg 2% CaCl w/ 1/4#/sk Flocele - good circ  
TOC @ 5500' (per CBL 10/1/82)

Production tubing (10/25/82):

214jls 2 3/8" SL tbg, SN & NC  
EOT @ 6625' (10/25/82)

Per SL - tbg sfb same as during workover in  
1999 - 206jls 2 3/8" (no EOT on report - 6358')

10/25/99 Known csg leaks 2074-4767'

Proposed P&A

- Set cement retainer 50' above top of csg leaks.
- Pump 45sx class G below retainer. Sling out. Dump 5 sx class G cmt on top of retainer. Reverse circulate clean, if possible.
- Perforate 4 circulating holes @ 1100'
- Set cement retainer @ 1050'.
- Sling in to retainer. Pump +/-100sx cmt below retainer. Sling out. Dump 10sx cmt on top of retainer. Reverse circulate clean. Attempt to circulate cement to surface.

If successful in circ cmt to srf:

- Dig out wellhead. Cut off 9 5/8" and 4 1/2" csg 4' below ground level. Install dry hole marker as per BLM.
- Reclaim Location.

If unsuccessful in circ cmt to srf:

- SOH w/ tbg & stringer to 363' (50 below srf csg shoe). Mix and pump cement to fill 4 1/2" casing. SOH & LD tbg. RD cementers
- If unsuccessful: perforate 4 circulating holes @ 363'. circulate down 4 1/2" and up 9 5/8" surface pipe. Establish rate. Circulate ??? sx cmt to surface. Do not displace, leave 4 1/2" csg full of cmt.
- If unable to circulate cement to surface, contact BHEP office and COGCC for orders. If allowed, pump cement down csg/csg annulus to top off job.

TOC 5500'

DKTA (10/6/82) 5531-6544, 6560-6564, 6572-6588, 6593-6597, 6603-6606 (1srf, 45 holes)  
• 107/182 Acid 8D w/400gal 7% Reg acid & 50bs, form btk @ 3800psi @ 50pm  
MIR 6.5pm, AIR 6.30pm, MP 4200psi, AP 3900psi, good ball action  
ISIP 1100psi, 15min 800psi

CDMTN (10/1/82) 6638-6643, 6647-6655, 6667-6666, 6669-6680 (1srf, 26 holes)  
MRSN (10/1/82) 6700-6705 (2srf, 10 holes) Best guess - reported 36holes total between COMTM/RSN

Csg plug  
@ 6494'

10/26/99

- 102/182 Acid 8D w/400gal 7% Reg acid & 45bs, form btk @ 3500psi @ 70pm  
MIR 7.50pm, AIR 7.50pm, MP 3700psi, AP 3700psi, no ball action  
ISIP 1000psi, 15min 750psi

• 101/482 Fac CDMTN & DKTA w/137,000gal Versagel & 600scl CO2/bbl, 200,000# 2040m  
MIR 570pm, AIR 550pm, MP 4192psi, AP 3600psi  
ISIP 1460psi, 15min 1180psi

TD 6794'

PRD 6750'  
BP pushed to 6750'  
(10/24/82)