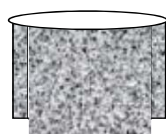




Black Hills Plateau Production, LLC

A Black Hills Corporation Enterprise



General Well Info

Well Name:	Tupper 13-13	Field:	Plateau
Diagram Date:	3/30/16 jad	County:	Mesa
Srf Location:	SWSW 13 10S 95W	State:	Colorado
Lease # (BLM):	n/a	API #:	05-077-08292
GL Elev:	7120'	KB Elev:	7129'
Spud Date:	8/13/1980	Compl Date:	2/19/1981

Formation Tops

Zone	Depth	Zone	Depth
Rollins	5116'	Mancos	5733'
Cozzette	5462'		
Corcoran	5624'		

Srf Csg 8-5/8" 24# @ 306'
Cmt 165sx Class G, 3% CaCl, 1/4#/sk Flocele
TOC srf? (no returns)

Prod Csg 5-1/2" 15.5# K-55 @ 5834' (float collar @ 5799')
Cmt 255sx RFC, 1/4#/sk Flocele (good returns)
TOC @ 4640' (per CBL/completion rpt 11/7/80)

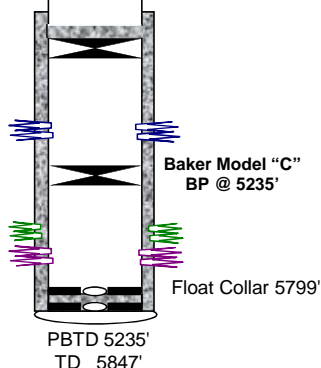
Proposed P&A Procedure

TIH w/CIBP. Set @ 5000' and Pressure test csg to 400 psi. Use digital recorder if available.
 Dump 4 sks of class "C" or type "III" cement on top.
 RIH w/ WL and shoot 4 circulating holes @ 1670', POH
 RIH w/ CR on tbg and set @1570', POH
 Sting into Retainer and pump 45 sks Class "C" or Type "III" cement below retainer. Sting out and dump 2 sks on top of CR. POH
 RIH/WL and Shoot 4 circulating holes @ 356. POH
 TIH and Mix 300 sks of cement and bring to surface.
 Dig out wellhead, cut off 8 5/8" Casing and 5 1/2" casing 6' below ground level. Install dry hole marker plate as per BLM and COGCC
 Reclaim location and file necessary sundries.

REMARKS:

- 12/15/80 Ran impression blk – split csg @ 5127'
- Produced out of RLNS only - CRCN still open below BP?

TOC @ 4640'



RLNS (11/07/80) 5129, 5134, 5140, 5146, 5155, 5162, 5166' (1spf, 7 holes)
Acid (11/27/80) spot 250gal BDA (breakdown @1900# to 700# - disp acid @ 8.5bpm @ 1950# - ISI 450#
Frac (11/29/80) 25,000# 100M sd, 88,700# 20/40M sd, 690bbl crosslink polymer w/ 1% KCl, 500scf/bbl N2 – ISIP 1600#, 15min 400#
 MaxP 3900# MaxR 14bpm AP 3500# AR 12bpm
COZZ (11/19/80) 5523-27' (1spf, 5 holes)
Sqz perms (11/23/80) 50sx Class G w/ Flac & 50sx Class G reg – max pressure 1000# - no standing pressure (overdisp w/1bbl)
Sqz perms (11/24/80) 25sx reg & 25sx reg w/ 0.6T Flac – pressure to 2500# (no cmt returns)
Acid (11/19/80) spot 250gal 15% HCl - – disp 2bbl @ 1/4bpm – overdisp w/5bbl 2% KCl 5bpm @ 1500-1600# - ISI 900#
CRCN (11/07/80) 5640-44, 5658-62' (0.32"dia, 1spf, 10 holes)
Acid (11/08/80) spot 250gal BDA over perms (breakdown @1750#, 5bpm-ISI 650#)
Frac (11/15/80) 22,050gal gel wtr, 24,000# 100M sd, 16,885# 20/40M sd, 500scf/bbl N2 - sanded out @ 3ppg
 CP 1100#, TP 1700# AP 3100#, AR 9bpm