

## BLACK HILLS PLATEAU PRODUCTION LLC

**Tupper 13-13** Updated 3/26/07

**SWSW 13 10S 95W 6<sup>th</sup> PM**

**API# 05-077-08292**

**Mesa County, Colorado**

**Spud 8/13/80 TD 9/5/80 Completion 2/19/81**

**GL: 7120' RKB: 7129' PBDT: 5235' TD: 5847'**

**Surface casing:** 8-5/8" 24# @ 306' – 165sx Class G, 3% CaCl, 1/4#/sk Flocele  
TOC srf? (no returns)

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

**Perforations:** **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 N<sub>2</sub> – ISIP 1600#, 15min 400#  
MaxP 3900# MaxR 14bpm AP 3500# AR 12bpm

**COZZ (11/19/80)** 5523-27' (1spf, 5 holes)  
Sqz perfs (11/23/80) 50sx Class G w/ Flac & 50sx Class G reg – max pressure  
1000# - no standing pressure (overdisp w/1bbl)  
Sqz perfs (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 perfs (breakdown @1750#, 5bpm-ISI  
650#)  
Frac (11/15/80) 22,050gal gel wtr, 24,000# 100M sd, 16,885# 20/40M sd,  
500scf/bbl N<sub>2</sub> - sanded out @ 3ppg  
CP 1100#, TP 1700# AP 3100#, AR 9bpm

**Production string:** 156jts 1-1/2" 10rd tbg EOT@5114'

**Packer:** Baker Model "C" BP @ 5235' (isolating RLNS from COZZ/CRCN)

**Rods:** None

**Production:** CUM (RLNS only): 31,737mcf  
Last Produced Oct2001 (avg prod : 8.5mcf/d – Jan thru Oct2001)

- 9/22/86 Flow test
  - 9:30AM: 1-1/2" plate, CP 1550, TP 1450
  - 12:20PM: 200# bk pressure, 1744mcf, CP 800, TP 400
  - 2:35PM 200# bk pressure, 712mcf, CP 400, TP 300
  - 3:35PM 200# bk pressure, 581mcf, CP 400, TP 300 SI for nite
  - 10:30AM 1-1/2" plate, 1838mcf, CP 1200, TP 1000
  - 12:30PM 200# bk pressure, 411mcf, CP 280, TP 200
  - 2:30PM 200# bk pressure, 205mcf, CP 280, TP 200 Chg plate to 1"
  - 3:10PM 200# bk pressure, 250mcf, CP 280, TP 200
  - 3:50PM 200# bk pressure, 197mcf, CP 260, TP 200 SI – test made 4bbl fluid over 2 days
- 9/25/92 Tie-in to Rocky's gathering approved  
CO<sub>2</sub> ?%

### History:

- 11/08/80 After CRCN acid job: swabbed 55blw (parted line) – left swab tools & 2500' 9/16" line in hole

## Tupper 13-13 MIT PA Ning

- 11/09/80 Rec 100' WL (fish stuck)
- 11/10/80 Rig broke dn
- 11/11/80 Rec 2000' WL, sinker bar & swab – IFL 3500', swab to 4300' – FL continued to drop
- 11/12/80 FL 5400', FL remained steady @ 5300' – rec'd 52bf (total rec 131bbl) – TP 30#
- 11/13/80 FL 4900' – swab and rec 13½ bf – last 2 runs, no wtr to srf – FL 5400' – CP 50#, TP 50#
- 11/16/80 After frac: flwg ½ bph gel & sd – CP dec to 300# - rec 6bf (481bftr)
- 11/20/80 After COZZ perfs: set BP @ 5578' - swab 107 bf, final FL @ 4200' & falling – CP 120#, TP 0#, FL 3800' – swab & rec 18½ bf (3 runs)
- 11/21/80 Swab & rec 21bf – FL 4500' – swab & rec 20bf – FL remained @ 4800-4900'
- 11/27/80 After RLNS acid job: (75bftr) swab & rec 70bf
- 11/28/80 Swab & rec all load fluid –final swab rate ½bph – CP 125#
- 11/30-12/01/80 Flwg to pit
- 12/02/80 Flwg well ¼" ck – CP 250# - 6bf in 4hrs
- 12/03/80 W/ BP set @ 5200', washed sd – WO pwr swivel to drl out
- 12/04/80 Work from 5125-28' (no progress in 1½ hrs)
- 12/06-12/13/80 Work with overshot - jarring on overshot - jarring on fish @ 1215' - rec overshot & 100' sandline, fishing for 4000' sandline – rec all WL & picked up fish
- 12/15/80 Ran impression blk – split csg @ 5127'
- 12/16-12/20/80 Circ & clean hole
- 12/21/80 Run production string (see above for details) – swab down to 1000' (rec 6blw-pull 1-1½bbl water per pull) – slight show of gas
- 12/22/80 Swab (no details)
- 12/23/80 Swab – rec 75bbl in 48 runs) – CP 100, TP 255, FL 1000' (12/22 final 1500') – fluid very gassy (2-3min blow after each run)
- 12/24/80 Swab 50bbl in 45runs – FL 2000' (pulling from btm) – CP 895, TP 475 – swabbing – FL 1500'
- 12/25/80 FL 3500' – CP 920 – swab (rec 70bbl in ?runs)
- 12/27/80 TP 425, CP 1155, FL 1000' – swab (rec 20bbl in ?runs) – well died
- 12/28/80 Well died in PM – CP 1100, TP 200 – drop soap stx (wouldn't flow)
- 2/2/98 Hooked up separator

### Objective: Plug and Abandon

**Notes: BP in hole at 5235, leave in hole**

### NOTIFY COGCC & BLM (Verbal Approval for P&A procedure is required from the BLM)

Notify landowner 7 days and COGCC and BLM 48 hrs prior to moving in

1. Set and test deadman anchors as necessary.
2. MIRU workover rig. ND WH. NU BOP's.
3. Release Packer, inspect tally and TOH w/tbg.
4. TIH w/CIBP. Set @ 5000' and Pressure test csg to 400 psi. Use digital recorder if available.
5. Dump 4 sks of class "C" or type "III" cement on top.
6. RIH w/ WL and shoot 4 circulating holes @ 1670', POH
7. RIH w/ CR on tbg and set @1570', POH
8. 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
9. RIH/WL and Shoot 4 circulating holes @ 356. POH
10. TIH and Mix 300 sks of cement and bring to surface.

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11. 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
12. Reclaim location and file necessary sundries.