



Black Hills Plateau Production, LLC
A Black Hills Corporation Enterprise

Horseshoe Canyon 4-20
NWNW 20 9S 97W 6PM

API # 05-077-08646

Mesa County, Colorado

Spud 10/20/92 TD 10/29/92 Completion 11/15/92

GL: 5361' RKB: 5375' PBTD: 3237' TD: 3277'

Surface casing: 8-5/8" (12-1/4") 24# set @ 458' -320sx "G"
(TOC @ srf)

Production casing: 4-1/2" (7-7/8") 11.6#, K-55 @3275'
480 sx 50/50 Pozmix, perf 3016' squeeze w/200 sx class G

Perforations: **COZZ** 2832'-2836', 2845'-2880'
CRCN 3049'-3108' 33 holes

Production tubing: 96 Jts 2 3/8 tbg. Set @ 3111

Packer: None

Rods: None

History: Drilling (10/21/92- 10/31/92)

Completion:

9/24/93 – Perf **COZZ** 2832'-2836', 2845'-2880' Max 1720 psi, avg 1670 psi, Min 1630 psi. Trtg Rate 31.1 bpm. ISIP 1200 psi, Final SIP 1200 psi. 42958 gal foam, 289,660# 20/40 sd, 1,194,000 scf N2

11/13/92 Perf **CRCN** 3049'-3108' 33 holes. AVG psi 1200 psi, Min 1130 psi, Trtg rate 25 bpm, flush 25 bpm, ISIP 1000 psi, final SIP 600 psi in 10 min. N2 Frac. 112 gal foam, 234# 20/40 sd, 778,000 scf N2

Workover:

3/30/96 – M.I.R.U. P.U Bled well to pit N.D.W.H. N.U. BOPs. TOO H w/ 96 jts. 2 3/8 tbg. TIH w/NC 1 jt tbg. SN. 96 juts tbg. Set@ 3111' turn well to prod.

Objective: Plug and Abandon w/ MIT

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 @ 2750 and Pressure test csg to 400 psi. Use digital recorder if available. Dump 2sks of cement on top
5. RIH w/ WL and shoot 4 circulating holes @ 1200', POH
6. RIH w/ CR set @ 1100, sting in and pump 45 sks of class "C" or type "III" cement. Sting out and dump 2 sks of cement on top.
7. RIH/WL and Shoot 4 circulating holes @ 478. POH
8. TIH and Mix 270 sks of cement and bring to surface.
9. 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
10. Reclaim location and file necessary sundries.