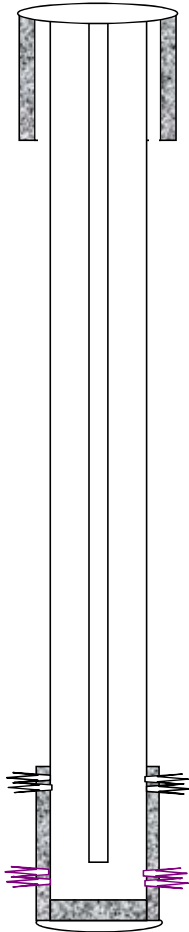




Black Hills Plateau Production, LLC A Black Hills Corporation Enterprise



TD 3610'

| General Well Info | | Diagram Date: | 4/11/11 by jad |
|----------------------------|------------------------|---------------|----------------|
| Well Name: | HSC 3-21 | Field: | Shire Gulch |
| Srf Location: | NENW Sect. 21 T9S R97W | County: | Mesa |
| Lease # _(BLM) : | COC012644A | State: | Colorado |
| API #: | 05-077-08648 | Spud Date: | 10/31/1992 |
| GL Elev: | 5558' | TD Date: | 11/9/1992 |
| KB Elev: | 5569' | Compl Date: | 11/21/1992 |
| Formation Tops | | | |
| Zone | Depth | Zone | Depth |
| Cameo | 2679' | | |
| Rollins | 2933' | | |
| Cozzette | 3152' | | |
| Corcoran | 3352' | | |
| Sego | 3516' | | |

Srf Csg 12 1/4" hole, 8 5/8" 24# J-55 ST&C @ 457'
Cmt 320 sx Class G, 1/4#/sx Celloseal 2/ 2% CC. Displ cmt

Prod Csg 7 7/8" hole, 5 1/2" 15.5# K-55 LT&C @ 3608'
Cmt 55 sx HiFill 10# Gilsonite/sx 1/4# Flocele. Tail w/ 106sx Class G 1/4# Flocele 1% CC

| | | |
|-----|---------------------------|----------------|
| Tbg | KB | 11 |
| | 107 jts J-55 2-3/8" tbg | |
| | "F" Nipple 2 3/8" x 1.81" | 1.31 |
| | 1jt 2-3/8" tbg | 31.45 |
| | NC | |
| | EOT | 3403.88 |

COZZ (12/27/92) 3162-3210' (1 spf, Total 48 holes)
NOTE: Daily report shows perforation, not reported to COGCC
No Frac

CRCRN (11/18/92) 3366-3372', 3376-3378', 3380-3386', 3403-3432' (Jet 0.45", 1 spf, Total 43 holes)
11/18/92 Schlumberger frac'd w/ 49,056 gal 70Q foam, 310,000# 20-40 Ottawa sd, 99,000 SCF N2. Min 280 psi, Max 980 psi, Avg 400 psi. Av g inj rate 30 BPM, ISIP 450 psi