

12/30/81 6775 Day-18. TD - Prep to run temp survey & frac Dakota.
SITP = SICIP 0#. RU Dowell & sptd 1800 gal 15% MSR100 to btm of RTTS @ 6417'. Set pkr & PI 6 BPM @ 3400 psi. Dropped 50 ball sealers in last 18 bbls acid. At strt flush 6 BPM @ 3000 psi. Balled off @ 4200 psi after 17 bbl flush pmpd - 11 bbls acid left in tbq. Waited 15 min press held. Bled off press & displ'd remaining 11 bbls @ 6 BPM @ 3000 psi. JC 8:00 am. ISI 550 psi, 15 min 300 psi, 30 min 0 psi. Opnd well @ 10 am. Strtd swbg - 5 runs rec'd 27 BW to SN. SD 1 hr & made 1 run, rec'd 5 BW - no blw on tbq. SD 1/2 hr, then rec'd 4 bbls spent acid & acid gas - no blw. SD 1/2 hr, rec'd 4 bbls as previous run. Flwd est 20 MCFD flammable gas & died in 30 min. Rel'd pkr & lowered to 6560'. POH w/pkr. Rec'd 40 bbls total swbd back. SDON.

12/31/81 6775 Day-19. TD - Prep to bleed press. & GIH w/notched clr.
In am SICIP 160 psi - blew off in 30 sec. RU D-A & ran base temp f/5500-6680'. RU Dowell & frac'd Dakota perfs between 6527-6552' w/40# Strata Frac 2 gel w/2% diesel, 1 gal/1000 gal F-75, 1 gal/1000 M-76, 1 gal/1000 L-53, 2% KCl as foll: 20,000 gal pad @ 35 BPM @ 2200 psi; 6,000 gal 2/1#/gal 20/40 sd @ 35 BPM @ 2700 psi; 6,000 gal w/2#/gal 20/40 sd @ 36 BPM @ 2600 psi; 8,000 gal w/3#/gal 20/40 sd @ 35 BPM @ 2650 psi; 9,000 gal w/4#/gal 20/40 sd @ 36 BPM @ 2600 psi; 11,000 gal w/5#/gal 20/40 sd @ 36 BPM @ 2200 psi; 11,000 gal w/6#/gal 20/40 sd @ 36 BPM @ 2000 psi; 9,000 gal w/7#/gal 20/40 sd @ 35 BPM @ 2500 psi; flushed w/4,200 gal 2% KCl wtr @ 35 BPM @ 2500 psi. Total sd 262,000# 20/40, Total Fld 2,272 bbls. ISI 1800 psi, 15 min SIP 800 psi. SI & RD Dowell. RU D-A & ran temp survey - tool stopped @ 6529'. RD D-A. SDON.

1/1/82 6775 Day-20. TD - Well SI. Rig prep to SD f/New Years.
In am SICIP 0 psi. WIH w/notched 2-3/8" clr, 1 jt 2-3/8" tbq, standard SN & 2-3/8" tbq to sd @ 6250'. CO sd to 6531' w/2% KCl wtr & lost complete returns. POH 3 stds & RU Howco N₂ truck. CO w/N₂ to 6690'RKB & circ & blew cln - rec'd considerable wtr. POH to 6506'. PI tbq w/10 bbls KCl wtr, removed string flt & NU tbq valve. PI annulus w/N₂ & circ out considerable wtr. SI well - left 1300 psi on csg & 1000 psi on tbq. N₂ press used 166,000 ft³ N₂.

1/2/82 6775 Day-20. TD - Prep to bleed dn & swb Dakota perfs 6527-6552'.
CU SD New Years Day.

1/3/82 6775 Day-21. TD - Flwg to pits.
7 am 1/2/82 SICIP 1675 psi, SITHP 1450 psi. Opnd well @ 7:30 am thru 2" tbq & unloaded lots of free sd. By 8:00 am CP was 800 psi & FTHP was 50 psi which by pitot tube meas'd 3 MMCF/D w/vy hvy spray wtr. By 9:00 am well was fairly stable w/25 psi FTHP & CP 450 psi - pitot rate 1.5 MMCF/D w/hvy spray wtr. Left well flwg to pits w/watchman.

1/4/82 6775 Day-21. TD - Flwg to pits.