

Attachment to Form 9-331 dated February 8, 1984 - Federal 00 #2.

01/20-

22/84 Swabbing well.

01/23/84 Rel pkr @ 3746, POH w/pkr, WIH w/ 5-1/2 HOWCO cmt ret on 2-3/8 tbg, set ret @ 3776, press test tbg 3000/held ok, press csg 500, estb inj rate into Delaware perfs 3800-3858, 2 BPM @ 1000, attm to cmt perfs w/ 100x Class C Neat .4% Halad 9, .3% CF-R2, tail-in w/ 75x Class C Neat 2% CaCl sqz press 1600, cont to bk back to 1400, pump cmt away, pulled out of ret, rev circ hole clean, set back into ret, pump over displ by 5 bbls.

01/24/84 HOWCO press csg 500, estb inj rate down 2-3/8 tbg into Delaware perfs 3800-3858 - 2 BPM @ 1200, cmt sqz perfs w/ 100x Class C cmt .4% Halad 9, tail-in w/ 100x Class C cmt 2% CaCl, pulled out of ret, rev circ hole clean, tr of cmt, POH w/ ret stinger.

01/25/84 WIH w/ 4-3/4 Gruner tooth type bit, 5-1/2 scpr 6- 3-1/2 Cols on 2-3/8 tbg, tag cmt, Ret @ 3776, drl Ret 3776-3779 - 3 hrs, drl hard cmt 3779-3882, fell thru, ran bit to 3896 = PBTD, circ hole clean, press test 5-1/2 csg 3896-surf, 1000 - 15 min - held ok.

01/36/84 W/bit @ 3896 circ hole w/ 2% KCl fr wtr, sw Fl 2700 in 2-3/8 tbg & 5-1/2 csg, POH w/bit, CRC Wire Line Co perf 5-1/2 csg Delaware zone, 1 JSPF 3800-3805, 3813-3815, 3817-3826, total 19 holes, job compl @ 3 pm 1/26/84, WIH w/5-1/2 HOWCO RTTS pkr on 2-3/8 tbg, set pkr @ 3746, made one sw run, rec 1 BLW.

01/27-

29/84 Western Co press csg 1000, bk dn Delaware perfs 3800-3826 down 2-3/8 tbg w/2850 gals liquid CO2, 15 RCNBS, bd dn press 2200, treating press 2000-2200, AIR 3.1 BPM, ISIP 900 - 15 min - 800, job compl @ 10:30 am 1/28/84, Fl CO2 thru 10/64 chk 1 hr TP 800-0, ran Sw no fluid in tbg, wait 2 hrs, ran sw no fluid in tbg.

01/31/84 Swabbing well.

02/01/84 Western Co press csg 1000, frac Delaware perfs 3800-3826 down 2-3/8 tbg w/31,000 gals 75% quality foam, 4% KCl wtr 50% methenal, 40,200# 20/40 sd, treating press 3800-4200, AIR 2.5 BPM fluid, 7.5 BPM N2, ISIP 2500 - 15 min, 2300, job compl @ 11 am 2/1/84, shut well in 2 hrs, TP 2500, Fl tr of oil, 35 BLW on 4 - 50/64 chk, TP 2500-50, 4 hrs, L hr fl 5 B, S/O trace of oil, left open on 50/64 chk to test tank for night.

02/02/84 Left flowing to test tank.

02/23/84 Unset RTTS pkr & POH, RIH w/ 2-3/8x31 OPMA to 3862 + 3' perf sub 3828-3831 & SN @ 3827, 123 jts 2-3/8 tbg, tagged btm @ 3896 (no fill), ND BOP, NU wellhead, RIH w/ 2x1-1/2x16 pump w/ 1"x8' GA + 108 - 3/4 rods + 43 - 7/8 rods + 1-1/4x22 PR, spaced out.

02/04/84 RD & rel X-pert WS & turn to Prod @ 9 AM 2/4/84, POP.

02/05-

22/84 Producing on test.

02/23/84 Permian MIRU pulling ut, POH rods & tbg, ran 2-3/8 tbg to 3890, mud anchor 3860-90, tbg barrel 3835-56, ran 1-3/4x4' plunger on 108' - 3/4" & 43' - 7/8" rods, POP, Rel pulling ut.

02/24-

29/84 Producing on test.

03/01/84 NMOCD POT: P 15 BNO + 138 ESW + 30 MCFG/24 hrs.