

Finished drlg 8-3/4" hole to 8900' @ 4:30 PM 9/22/77. DST #1 8825-8900' Wolfcamp. TO @ 6:30 AM for 15 mins. IF w/fair to strong blow in 1 min. Closed tool @ 6:46 PM for 1 hr SIP. Gas to surface @ 3:50 AM. TO for FF @ 7:48 AM. Closed tool @ 10:00 AM for 4 hr SI. Rel pkr @ 2:02 PM. Gas flow on 5/8" btm ck, 3/8" top ck @ 7:50 AM, 62 MCF. At 7:55 AM, 81 MCF, decr to 6 MCF @ end of test. POH w/test tools. RO 554' gas & oil cut drlg mud. IHP 4063, IFP 211, ISIP 1064, FFP 148-224, FSIP 813, FHP 4063. Drld to 9196'. DST #2 9149-9196' Wolfcamp. TO @ 7:15 AM 9/26/77 for 15 min preflow. TO w/strong blow, GTS in 11 mins. Closed tool for 1 hr ISI @ 7:30 AM. TO @ 8:30 for 2 hr flow period w/strong blow. Flow rate @ end 1/2 hr on 1/2" ck, 45 psi, 2.7 MMCFGPD. End 1 hr on 1/2" ck, 680 psi, 4.0 MMCFGPD, end 1 1/2 hr on 1/2" ck, 775 psi, 4.6 MMCFGPD, end 2 hr flow on 1/2" ck, 770 psi, 4.5 MMCFGPD. Closed tool @ 10:33 AM 9/26/77 for 4 hr FSI. Rel pkr, rec 12 1/2 EO, 44.7° Grav @ 60°, 50' drlg mud. BHT 145°F. IHMP 4432, IF 700-1076, ISI 4264, FF 1014-1804, FSI 4214, FHP 4432. Sampler rec 2.5 cfg, 400 cc oil 44.7° grav @ 60°, 0 BW, no mud. Resumed drlg @ 4:30 AM 9/27/77. DST #3 11,005-11,042' Morrow. TO for 15 min IF @ 7:10 AM 10/13/77. Closed tool for 1 hr SI @ 8:22 AM. Max press CIP 120 psi, avg calc rate 698 MCFG. TO for FF @ 8:24 AM w/surf valve closed. Max CIP 175 psig, calc rate 735 MCFG. Op surf valve @ 8:45 AM on 1/2" ck, stabilized flow rate @ 736 MCFPD. Closed tool for 3 hr SIP @ 11:24 AM. Fin FSIP @ 2:24 PM. Rel pkr & POH w/test tools. Rec 282' GC drlg mud, 2539' salt water. IHP 5986, IFP 539, ISIP 4439, FFP 1476, FSIP 2776, FHP 6011. DST #4 11,062-11,105' Morrow. TO for 15 min IF @ 5:00 AM good blow. Max press 9 psig on 1/2" ck, GTS in 16 mins. Closed tool for 60 mins SI @ 5:15 AM. TO for 120 mins FF @ 6:15 AM. (~~continued on next page~~)

Max press 3 psi on 1/4" ck, stabilized @ 3 psi (4.4 MCFG). Closed tool for 120 mins FSIP @ 8:15 AM. Fin FSI @ 10:15 AM. Rel pkr @ 10:17 AM, POH w/TT. Rec 270' GCDM & 480' SW. IHP 6084, IFP 136-173, ISI 4339, FFP 186-387, FSIP 4126, FHP 6058, BHT 176°. Resumed drlg @ 9:30 PM