

(08-18-94 Thru 09-02-94 Continued)

circ. Drilled from 4,017' to 4,030' TD. Returns were formation and scale. Circ. well clean. Note: Took 115 bbls. fresh water to load and obtain circ. L.D. swivel and TOH w/8 jts. 2-7/8" tubing. Bit at 3,814'. TOH w/115 jts. 2-7/8" tubing, L.D. 12 3-1/2" drill collars and 4-3/4" bit. TIH w/FTI Sonic Hammer, SN and 135 jts. 2-7/8" tbg. Tagged TD at 4,030'. Knox Services moved in and rigged up. Pressure tested lines. Acidized OH from 3,848' to 4,030' w/5,000 gals. NEFE DI 15% HCL w/3% DP-77MX chemical. Max. pp-1,350 psi; avg. pp-1,050 psi; avg. inj. rate-4.2 BPM. Flushed casing w/60 bbls. fresh water. Total load to recover 274 bbls. TOH w/129 jts. 2-7/8" tubing, SN and FTI Sonic Hammer. TIH w/6 jts. 2-7/8" tubing, 5-1/2" fullbore packer, SN and 127 jts. 2-7/8" tubing. Tubing at 3,987'. SN at 3,801'. Rig up swabbing equipment. Made 12 swab runs and recovered 47 bbls. Initial fluid level at 1,300'. Final fluid level at 2,800'. Load to recover-227 bbls. Made 19 swab runs and recovered 28 bbls. Load status minus 99 bbls. Initial fluid level at 3,100' with final fluid level at 3,700'. Shut down to allow fluid level to increase. Made swab run and recovered 200' (1 bbl. water). Rig down swabbing equipment. TOH l.d. w/127 jts. 2-7/8" tubing, SN 5-1/2" fullbore packer, and 6 jts. 2-7/8" tubing. TIH w/2-3/8" 8rd SN, 2-7/8" salta lined jt., 5 jts. 2-3/8" 8rd tubing, 5-1/2" x 2-3/8" TAC, 38 jts. 2-3/8" 8rd tbg., and 86 jts. 2-3/8" 10V tbg. Note: L.D. 25 jhts. 2-3/8" 10V tbg. (external pits) and P.U. 38 jts. 2-3/8" 8rd tbg. on TIH. Removed BOP, set TAC w/16,000 psi, and flanged up wellhead. TIH w/repairs 20-125 RHBC 06-3-S4 (A-1114), P.U. 3 1-1/2" K-Bars, 101-5/8", and 53-3/4" rods. Seated pump. Note: L.D. 3-5/8" and 1-3/4" on TIH. Loaded tubing, L.S. pump to 500 psi and spaced out pump. X-Pert Well Service rigged down, cleaned location and moved out. Pumping unit was set and well returned to production on 09-02-94.

Test (24 Hours): 5 BOPD, 17 BWPD, and 14 MCFPD