

TIH w/5-7/8" bit & tagged cement at 2323'. Drld. cement, retainer at 2359' & cement to 2375'. Press. tested to 540# for 30 min. Held OK. Leak interval fr. 1980' - 2044' cement squeezed. Ran bit & drld. cement fr. 2375' - 2515' & stringers to 2530'. Ran bit to 2566'. Circ. well clean. Press. tested csg. to 550# for 30 min. Held OK. Circ. holes at 2480' squeezed. TIH & drld. cement fr. 3424' - 3600', retainer to 3602' & cement to 3721'. TIH w/3-7/8" bit & drld cement fr. 3721' - 3739'. Circ. clean & press. tested 6-5/8" csg. & 4-1/2" liner top to 530# for 20 min. Held OK. Drld. cement fr. 3739' - 3900' (New PBD). Circ. clean & press. 6-5/8" & 4-1/2" liner to 520# for 30 min. Held OK. 4-1/2" liner perfs. fr. 3860' - 3866' & fr. 3910' - 3920' squeezed. Schlumberger ran CCL. Perf. G/SA Zone 4-1/2" liner fr. 3874' - 3894' using 3-1/8" Hegg charges w/2 SPF, total 41 shots. Knox Svc. acidized perfs. fr. 3874' - 3894' w/500 gal. 15% NEFE DI HCL acid. Swabbed well. Schlumberger perf. 4-1/2" liner fr. 3778' - 3840' & fr. 3847' - 3867' using 3-1/8" Hegg charges w/2 SPF. Knox Svc. acidized 4-1/2" liner perfs. fr. 3778' - 3867' w/3400 gal. 15% NEFE DI HCL acid. Swabbed well. TIH w/TAC on 2-7/8" tbg. & set TAC at 3672'. Removed BOP, installed wellhead & TIH w/pump & rods. RDPU, cleaned location & resumed pumping well on 3-17-97.

Test of 3-31-97: Produced 3 b.o., 198 b.w., & 9 MCFGPD in 24 hours.