

500psi, ok. Drlg cmt to 2505', circ. clean. Displace hole w/CKF. Acidize w/1750 gal. 15% NEFE HCL. Flush to bottom perf. Swab. Tst csg to 600psi, lost 300psi in 4 min., 600psi to 270 in 10 min, 600 to 420 in 15 min, POH, TIH to 3488. Set RBP at 3488'. Pkr at 3426'. Tst no bleedoff. Set pkr tst 2570-3488, ok. Tst 2385 to 3488. ok. Tst 1927 to 3488, ok. Tst ann surf to 1927 at 600psi, tst csg surf to 3488, no bleed off. Open up, ran pencil size stream of water. Hook up pressure recorder, had 680psi bldup. Evaluate wellbore, isolate csg leak at 1400', set CICR at 1312'. Squeeze well, pmp tbg cap. Set ret, press ann to 500psi, rev out 1/2bbl cmt. WOC 19 hrs. Drlg cmt. Circ. clean. Tst csg leak at 1400', to 600psi for 30 min. No leakoff, ran CBL, swab tst csg leak at 1400', wait 1 hr., had 42' FE. ON FE 14'. Swab. Rev out 8'sd and rel RBP at 3488', LD WS, TIH w/ 2 3/8" inj. tbg to 3552'. RU pmp. ND BOP, set pkr at 3552', w/8000#, NU WH equip. Tst 7" csg to 600psi for 30 min, ok. Tst internal WH to tbg conn to 500psi, ok. Test WH void to 3000psi, ok. RD MO. Turn over to production dept.