

C. E. LaMunyon #8

POH, recover all fish. Ran cement retainer on 2-3/8" tubing to 4144'. Load 9-5/8" casing with 8 bbls 8.6# GKF, pressure to 500#, pressure would not bleed off. Pumped through cement retainer at 4144' & set. Test tubing 3150#, load casing with 41 bbls 10# brine, pressure 500#. Halco pumped 250 sacks Class "C" cement with 2% CaCl<sub>2</sub>. Pumped 10 bbls slurry, broke circulation on 9-5/8" casing. Circulate out approximately 30 bbls mud out 9-5/8" casing. Maximum pressure 2200#, minimum 1000#. Pull out retainer, reverse out 1/2 bbl slurry. POH with tubing. WOC 8 hours. Ran temperature survey TOC 1900'. WIH with drilling assembly to 4136'. Drilling out cement retainer 4144'. Drilled cement to 4250'. Tested casing & squeeze perfs at 4200' to 500# 30 min, ok. Lowered bit, tag cement 4762'. Drilled out cement & retainer & hard cement to 4781'. Pull off bottom, circulate hole clean. Drilled hard cement 4781' to 4796' to top 3rd cement retainer. Pressure test squeeze perf 4794' to 500# 30 min, ok. Drilled 2' on cement retainer to 4798', circulate hole clean. Drilled out cement retainer & hard cement to 4858'. Pressure test squeeze perf 500#, ok. Lower & wash sand off RBP @ 5000'. POH with DC & bit. POH with RBP; ran 2-3/8" tubing with BPOB, perf nipple, SN, TA. Set tubing anchor with 11,000# tension. Ran pump, rods. Start pumping 10:30 A.M., 7-4-80. Complete after bringing cement up behind 7" casing.