

one minute of test.

NO VISIBLE LEAK. PRESSURE STEADY AT APPROXIMATELY 3500#.

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TESTING: Upper Kelly Cock - loose on rig floor.

Test #7 Pressured to 3500# with leak thru upper kelly cock.

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A delay was observed to operation of blowout control equipment at the conclusion of testing - nipple on closing line to blind rams bop leaked (repaired as needed). Closures were made using both closing unit pump and accumulators to the observed pressure of 1500# for test to ram type bops and 1500# for test to Hydril. Accumulators were pressured to 1500# at end of test. Control valves operated as indicated on closing unit manifold at end of test. Bop extensions were not hooked up - rig coming out of hole. No test desired to top of casing using packer, nor to the lower kelly cock (not in rig inventory at time of test), or to the drill pipe safety valve.

YELLOW JACKET TOOLS AND SERVICES, INC.

ODESSA, TEXAS

Test made by R. E. Daniel *R. E. Daniel*