

TESTING: Upper Kelly Cock with pressure applied at bottom.

Test #12 Pressured to 200# with leak thru upper kelly cock. Operated.

Test #13 Repeated test. Pressured to 300# with same leak; repressured to 200# with same leak. Operated.

Test #14 Repeated test. Pressured to 200# with same leak.

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No delay was observed to operation of blowout control equipment at the conclusion of testing. Closures were made using closing unit pump only 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 nipping up. No test desired to top of casing using packer, nor to the lower kelly cock, or to the drill pipe safety valve.

YELLOW JACKET TOOLS AND SERVICES, INC.

ODESSA, TEXAS

Test made by A. C. Scott *A. C. Scott*