

TESTING: Upper Kelly Cock with pressure applied at bottom of kelly.
Test #24 Pressured to 200# with leak thru upper kelly cock. Operated.
Test #25 Repeated test. Pressured to 300# with same leak.

TESTING: Lower Kelly Cock - loose on rig floor.
Test #26 Pressured to 3500# with loss of approximately 200# during first four minutes then leveling out for remaining six minutes of test.
NO VISIBLE LEAK. PRESSURE LEVELING OUT TOWARDS APPROXIMATELY 3300#.

TESTING: Drill Pipe Safety Valve with pressure applied at bottom.
Test #27 Pressured to 3800# with loss of pressure; repressured to 4000# with loss of approximately 100# during first eight minutes then leveling out for remaining one minute of test.
NO VISIBLE LEAK. PRESSURE LEVELING OUT TOWARDS APPROXIMATELY 3900#.

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 extentiones were not hooked up - rig nipling up.

YELLOW JACKET TOOLS AND SERVICES, INC.

ODESSA, TEXAS

Test made by Billie Brogden *Billie Brogden*