

Test #7 Pressured to 3000# with loss of pressure; repressured to 3000# with loss of approximately 100# during first ten minutes then leveling out for remaining one minute of test.

NO VISIBLE LEAK. PRESSURE LEVELING OUT TOWARDS APPROXIMATELY 2900#.

---

START CHART #2

TESTING: Upper Kelly Cock with pressure applied at bottom of kelly.

Test #8 Pressured to 3000# with leak to kelly sub. Tightened.

Test #9 Repeated test. Pressured to 5000# with loss of pressure; repressured to 5000# with pressure steady and holding for the thirteen minutes of test.

NO VISIBLE LEAK. PRESSURE STEADY AT APPROXIMATELY 5000#.

---

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 depleted at end of test. Control valves operated as indicated on closing unit manifold at end of test. Bop extentions were not hooked up - rig nippling up. No test desired to top of casing using packer, nor to the lower kelly cock, or to the check valve off stack on kill line.

YELLOW JACKET TOOLS AND SERVICES, INC.

ODESSA, TEXAS

Test made by Roscoe Maxwell *Roscoe Maxwell*