

TESTING: All inside valves next to stack with upper pipe rams closed - pressure applied as before.

Test #2 Pressured to 200# with slight loss of pressure; no visible external leak; repressured to 5000# with loss of approximately 100# during first ten minutes then leveling out for remaining two minutes of test.

NO VISIBLE LEAK. PRESSURE LEVELING OUT TOWARDS APPROXIMATELY 4900#.

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TESTING: Lower Pipe Rams with pressure applied down drill pipe.

Test #3 Pressured to 200# with slight loss of pressure; repressured to 5000# with loss of approximately 100# during first eleven minutes then leveling out for remaining one minute of test.

NO VISIBLE LEAK. PRESSURE LEVELING OUT TOWARDS APPROXIMATELY 4900#.

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TESTING: Hydril with all inside valves closed next to stack.

Test #4 Pressured to 200# and released air; repressured to 500# and released air; repressured to 200# and released air. No test.

Test #5 Repeated test. Pressured to 200# with leak to Hydril pack-off; operated under pressure; repressured to 3000# with loss of pressure; repressured to 3000# with leak to lower Hydril seals; popped seals; repressured to 3000# with same leak; popped seals and closed valve on closing line; repressured to 3000# with loss of approximately 200# during first seven minutes then leveling out for remaining three minutes of test.

NO VISIBLE LEAK. PRESSURE LEVELING OUT TOWARDS APPROXIMATELY 2800#.

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TESTING: Chokeline-Manifold with inside valve closed next to stack on chokeline, outlet valve closed off choke-manifold cross, outside wing valve closed off manifold cross (pit side), and outside wing valve and valve off tee closed off manifold cross (pipe rack side) - pressure applied thru guage connection.

Test #6 Pressured to 200# with slight loss of pressure; no visible external leak; repressured to 5000# with loss of approximately 100# during first seven minutes then leveling out for remaining one minute of test.

NO VISIBLE LEAK. PRESSURE LEVELING OUT TOWARDS APPROXIMATELY 4900#.

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RETEST: Chokeline-Manifold same as before but with inside wing valves closed off manifold cross - pressure applied as before.

Test #7 Pressured to 200# with very slight loss of pressure; no visible external leak; repressured to 5000# with loss of approximately 50# during first four minutes then leveling out for remaining six minutes of test.

NO VISIBLE LEAK. PRESSURE STEADY AT APPROXIMATELY 5000#.

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No delay was observed to operation of blowout control equipment at the conclusion of testing. Closures were made using both closing unit pump and accumulators to the observed pressure of 1500# for test to ram type bops and 1200# 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 extentions were hooked up - rig drilling. No test desired to top of casing using packer, nor to the upper kelly cock, to the lower kelly cock, or to the drill pipe safety valve.

YELLOW JACKET TOOLS AND SERVICES, INC.

ODESSA, TEXAS

Test made by Roscoe Maxwell *Roscoe Maxwell*