

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

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TESTING: Drill Pipe Safety Valve (Dart) - loose on rig floor.

Test #7 Pressured to 200# and released air; repressured to 5000# with loss of approximately 200# during first five minutes then leveling out for remaining ten minutes of test.

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RETEST: Blind Rams same as before but with inside valve closed next to stack on kill line, outlet valve closed off choke-manifold cross, and wing valves closed off manifold cross - pressure applied as before.

Test #8 Pressured to 5000# with leak thru blind rams. Lost closing pressure. Operated rams.

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RETEST: Blind Rams same as before but with check valve closed off stack on kill line - pressure applied as before.

Test #9 Pressured to 5000# with loss of pressure; repressured to 5000# with loss of pressure; repressured to 5000# with leak thru wing valve off manifold cross (pipe rack side). Operated valve.

Test #10 Repeated test. Pressured to 5000# with same leak. Operated valve.

Test #11 Repeated test. Pressured to 400# with same leak. Operated valve.

Test #12 Repeated test. Pressured to 500# with same leak.

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RETEST: Blind Rams same as before but with check valve closed off stack on kill line

and main inlet valve closed off choke-manifold cross - pressure applied as before.

Test #13 Pressured to 5000# with loss of approximately 100# during first ten minutes then leveling out for remaining seven minutes of test.

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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 3000# for test to ram type bops and 1200# for test to Hydril. Accumulators were pressured to 3000# at end of test. Control valves operated as indicated on closing unit manifold at end of test. Bop extentions were not hooked up. No test desired to top of casing using packer, nor to the lower kelly cock.

YELLOW JACKET TOOLS AND SERVICES, INC.

ODESSA, TEXAS

Test made by Roscoe Maxwell *Roscoe Maxwell*