

TESTING: Pipe Rams with valve closed next to stack on choke-line - pressure applied down drill pipe.

Test #8 Pressured to 200# and released air; repressured to 500# and released air; repressured to 3000# with loss of pressure; repressured to 3000# with loss of pressure; repressured to 2600# with leak thru valve next to stack on choke-line.

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RETEST: Pipe Rams same as before but with outlet valve closed off choke-manifold cross and inside wing valves closed off manifold cross - pressure applied as before.

Test #9 Pressured to 3000# with loss of pressure. No visible external leak.

Test #10 Repeated test. Pressured to 3000# with loss of pressure; closed outside wing valve off manifold cross (pump side) and opened inside wing valve off manifold cross (pump side); repressured to 3000# with loss of pressure; closed outside wing valve off manifold cross (pipe rack side) and opened inside wing valve off manifold cross (pipe rack side); repressured to 3000# with loss of pressure. No visible external leak. Replaced "O" ring on test plug.

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RETEST: Pipe Rams same as before but with outlet valve closed off choke-manifold cross and inside wing valves closed off manifold cross - pressure applied as before.

Test #11 Pressured to 500# and released air; repressured to 3000# with leak thru pipe rams; repressured to 3000# with same leak and leak to closing lines. Operated rams and repaired closing lines.

Test #12 Repeated test. Pressured to 500# and released air; repressured