

leak. Check test packer.

Test #20 Repeated test. Pressured to 2000# (using rig pump) and closed inside wing valve off manifold cross (pipe rack side); repressured to 2500# with loss of pressure; repressured to 2700# with leak thru valve off casing spool; repressured to 2700# with same leak; repressured to 3000# with same leak. Operated valve.

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Removed test packer and reset test plug.

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 down drill pipe.

Test #21 Pressured to 500# and released air; repressured to 3000# with loss of pressure. No visible external leak. Operated valves off choke-manifold cross. Pressure recorder chart ran over-time on this test.

START CHART #2

Test #22 Repeated test. Pressured to 3000# with leak thru inside wing valve off manifold cross (pump side) and leak thru inside wing valve off manifold cross (pipe rack side).

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

Test #23 Pressured to 3000# with loss of pressure; repressured to 3000# with leak thru outside wing valve off manifold cross (pipe rack side). Operated valve.