

RETEST: Chokeline-Manifold same as before but with inside valve closed next to stack on chokeline, inside outlet valve closed off choke-manifold cross, outside wing valve and valve off tee closed off manifold cross (pump side), and inside wing valve closed off manifold cross (pipe rack side) - pressure applied as before.

Test #5 Pressured to 3000# with loss of pressure; no visible external leak; 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; repressured to 3000# with loss of pressure; repressured to 3000# with pressure rising approximately 50# during first thirteen minutes then leveling out for remaining two minutes of test.
NO VISIBLE LEAK. PRESSURE STEADY AT APPROXIMATELY 3000#.

RETEST: Chokeline-Manifold same as before but with outside outlet valve closed off choke-manifold cross, valve off tee closed off manifold cross (pump side), and all valves downstream from chokes closed off manifold cross - pressure applied as before.

Test #6 Pressured to 3000# with leak to flange between inside wing valve and tee off manifold cross (pump side);
closed inside wing valve off manifold cross (pump side) and opened valves downstream from choke off manifold cross (pump side); repressured to 3000# with loss of approximately 50# during first seven minutes then leveling out for remaining ten minutes of test.
NO VISIBLE LEAK. PRESSURE STEADY AT APPROXIMATELY 3000#.

Released pressure to 300# and closed inside wing valve off manifold cross (pipe rack side) and opened valves downstream