

TEST #1

8500-8610' Tool opened with weak blow of air to surface. Died in 32 minutes. Tool opened 1 hour recovered 5' drill fl. Fluid, no shows. Flowing pressure 65# - 65#. 15 minutes shut-in pressure-135#. Hydro-static pressure 4445(in) - 4435(out).

TEST #2

8700-8892' Tool opened with medium blow increasing to very strong. Gas to surface in 45 min. 3 MCFFD. Tool opened 3 hours. Recovered 455' MCFFD. Flowing pressure 128#(initial) to 225#(final) 15 min. shut-in pressure 208#. Hydro-static Pressure 4428(in) to 4345(out).

TEST #3

9075-9196' Tool opened with very weak blow of air to surface. Tool opened 3 hours recovered 50' slightly oil & gas cut mud. Flowing pressures. 28#(initial) 28#(final) 15 min. shut-in pressure 70# Hydro-static Pressures 4658(in) - 4640(out)

TEST #4

9210-9380' Tool opened with strong blow and decreased to medium blow in 20 minutes and continued throughout test. Tool opened 3 hours. Recovered 2400' gas in D.P. & 200' slightly GCM. Flowing pressures 185# initial to 205# final. 15 min. shut-in pressure 335# Hydro-static pressures 4774#(in) - 4716#(out).

TEST #5

10010-10116' Tool opened with very strong blow of air to surface. Gas in 4 min. mud to surface 48 min. Oil to surface 60 min. flowed on 39/64" choke. Fluid pressure 440#. 16.56 bbls. mud plus 16.46 bbls. oil in 72 mins. 13.8 bbls. of oil in next 60 min. Oil gravity 52.2°. Gas 3091 Gas Vol. 2039 MCFFD. Tool opened 2 hours 30 min. reversed out 10 bbls. oil and 200' gas & oil out water and mud Chloride content 30250 Flowing pressure 768# initial to 1204 final. 40 min. shut-in pressure 3749#. Hydro-static pressure 5175#(in) to 5044#(final).

TEST #6

10130-10190' Tool opened with strong blow of air to surface. Gas in 3 min. initial volume 107 MCFFD 1 hr. 107 MCFFD 2 & 3 hour 129 MCFFD. Recovered 270' slightly rainbow show of oil. Open 3 hours. Flowing pressures 91# initial to 115# final. 15 min. shut-in pressure 3455# Hydro-static Pressures 5149(in) to 5138(out).

TEST #7

10220-10376' Tool opened with a strong blow of air to surface. Gas in 12 min. 217 MCFFD first hour 237 MCFFD for 2 & 3 hour. Tool open 3 hours. Recovered 603' Gas cut mud with streaks rainbow show of oil. Flowing pressures 215# initial to 333# final. 30 min. shut-in pressure 3753. Hydro-static Pressures 5267(in) to 5991(out)

TEST #8

11014-11114' Tool opened with a weak blow of air to surface increasing to a fair blow. Gas to surface in 2 hours 40 min. MCFFD. Tool opened 3 hours. Recovered 1200' gas cut & slight oil cut water blanket, 180' mud with trace of oil, 20' MUDCH & 3' free distillate. Gravity 48.7°. Initial 30 min. SIP 2465# final 30 min. SIP 3316#. Flowing pressure 623# initial to 601# final. Hydro-static pressures 5634 initial - 5634 final.

TEST #9

11700-11750'-1600' MC used. Tool opened with a fair blow of air to surface and died in 50 min. Tool open 1 hour & 30 min. Recovered 1600' MC, 60' mud and 2385 salty Sulphur water. Flowing pressures 3045# initial to 4416# final. 30 min. SIP. 4420# Hydro-static pressures 5065(in) to 5935(out)

