

DRILL STEM TESTS

- 6-18-50 - DST #1 from 8966 to 9055', 4 hour test, 5/8" bottom & 1" top chokes. Opened tool at 12:25 P.M. with a strong blow of air, gas to surface in 20 minutes. Gas Volume 24,850 cu ft per day. Closed tool at 4:25 P.M. for 1/4 hour build-up. Recovered 90' of heavily gas cut drlg. mud & 900' of heavily gas cut & 15% oil cut drlg. mud and 1/2 pint of free oil, dark amber color, no water. Halliburton Chart - Hydro. pressure in 4850#, out 4650#, Initial Flowing pressure 300#, final 400#, 1/4 hour build-up 1400#.
- 6-19-50 - DST #2 from 9055' to 9080', 4 hour test, 5/8" bottom & 1" top chokes. Opened tool at 12:58 P.M. with strong blow of air. Lost 30' of mud, closed & re-opened tool with strong blow of air, closed tool at 4:58 P.M. for 1/4 hour build-up. Recovered 540' drlg. mud, very slightly gas cut; 360' of drlg. mud, gas & salt water cut; 3970' of clear salt water. No oil or gas shows. Halliburton Chart - Hydro. pressure in 4825#, out 4750#, Initial flow pressure 100#, final 2300#, 1/4 hour build-up 3225#.
- 6-23-50 - DST #3 from 9371' to 9420', 4 hour test, 5/8" bottom & 1" top chokes. Opened tool at 12:49 P.M. with good blow of air, gas to surface in 6 min., gas volume 169,700 cu ft per day which gradually decreased to weak blow at end of test. Closed tool at 4:49 P.M. for 1/4 hour build-up. Recovered 90' of gas cut mud, 450' of free salt water, very slightly oil cut. Halliburton Chart - Hydro. pressure in 5000#, out 4900#, initial flowing pressure 250#, final 650#, 1/4 hour build-up 1900#.
- 7-29-50 - DST #4 from 10927' to 10990', 1 hour & 10 min. test, 5/8" bottom & 1" top chokes. Opened tool at 10:35 P.M. with light blow of air for 6 min. & died. Closed & re-opened tool at 11:35 P.M. with light blow of air for 3 Min. & died. Closed tool at 11:45 P.M. for 1/4 hour build-up. Recovered 200' water blanket, 294' of drlg. mud, no show of oil, gas or water. Halliburton Chart - Hydro. pressure in 5650#, out 5600#, Initial flowing pressure 1050#, final 1050#, 1/4 hour build-up 0#.
- 7-31-50 - DST #5 from 10990' to 11040', 4 hour & 7 min. test, 5/8" bottom & 1" top chokes. Opened tool at 7:55 P.M. & packer failed to hold. Closed & re-opened tool at 8:02 P.M. with fair blow of air for 4 hours. Closed tool at 12:02 A.M. for 1/4 hour build-up. Recovered 2030' of water blanket, 360' of mud cut with 15% oil & gas, 1274' of oil, gravity 45.3, odor of gas 10 stands above fluid, 810' of salt water. Halliburton Chart - Hydro. pressure in 5550#, out 5550#, Initial flow pressure ~~2100~~ 900#, final 2100#, 1/4 hour build-up 3600#.