

DRILL STEM TESTS

- D.S.T. #1 - From 9790' to 9860' - 4 hour test - Opened tool w/good blow of air. Gas up in $7\frac{1}{2}$ minutes. No fluid to surface. First two hours, gas volume @ 60,000 cu ft. Third hour, decreased to 19,000 cu ft p/d. Fourth hour increased to 48,000 cu ft p/d. Recovered 300' gas & oil cut drlg. mud (est. 20% oil.), 2930' free oil. Gty. 42.4 @ 76 = 41.1 270' salt water.
- D.S.T. #2 - From 9874' to 9905' - 5 hour & 52 minute test - Opened tool w/strong blow of air. Gas up in 4 minutes. Drlg. mud up in 43 minutes, oil up in 52 minutes. Flowed an est. of 3 bbl Drlg. mud, 1 bbl oil to pits in 9 minutes. Flowed 62.30 bbl oil, 10.51 bbl Drlg. mud & .33 bbl fresh water in 5 hours. Gas volume 500,000 cu ft p/d. Gty. 42.1 corrected. GOR 1672. Last 15 minutes of 4th hour - well unloaded - At end of hour fluid was 1% mud. 5th hour, well was flowing by heads. Reversed out 11 bbl oil. Recovered 330' free oil.
- D.S.T. #3 - From 9925' to 9975' - 4 hours & 9 minutes - Tool opened w/strong blow of air, gas up in 3 minutes, mud up in 7 minutes & oil in 8 minutes. In 4 hours, well flowed 263.16 bbls oil, 2.28 bbls BS & 39.54 bbls water. Water by thief for 4 hours, 19.32 bbls. Gas volume at end of test 2,331,000 cu ft p/d. Gty. 40.7 corrected. Recovered 45.87 bbl oil above circ. sub. Recovered 270' black sulphur water.
- D.S.T. #4 - From 9985' to 10050' - 4 hour test - Opened tool w/weak blow of air which gradually decreased & died. No gas or fluid to surface. Recovered 270' black salty sulphur water. Circ. sub broke, DP showed to have had 3600' of fluid - No shows of gas or oil.
- D.S.T. #5 - From 10062' to 10125' - 1 hour & 15 minute test - Opened tool w/fair to weak blow of air for 10 minutes & died. Re-opened tool with fair to weak blow for 5 minutes & died. Recovered 60' drlg. mud. No shows of oil or gas.