H. D. SCHENCK NO. 1

## DRILL STEM TESTS

DST No. 1 - From 5155 to 5304, 4 hr. test, opened tool with fair blow of air deminishing to weak blow. No gas or fluid to surface. Recovered 380' gas, 140' slightly gas and salt water cut drilling mud with rainbow of oil. No free oil.

DST No. 2 - From 9415 to 9525, 4 hr. test, used 425' water blanket, opened tool with good blow of air. Gas in 30 minutes, no fluid to surface. Recovered 7544' dry pipe, 316' oil and gas cut drilling mud and water blanket, estimated 20% oil, 50% water and 30% mud. Unloaded an estimated 852' oil cut with drilling mud, estimated 75% oil; 244' oil and gas cut drilling mud, estimated 30% oil; and 424' oil and mud cut water, estimated 1% oil. Gas volume 27,000 cu. ft. per day.

DST No. 3 - From 10,672 to 10,807, 1 1/2 hr. test, used 1718' water blanket. Opened tool with very weak blow of air which died in one minute. No gas or fluid to surface. Recovered 1718' water blanket, 30' drilling mud, no show of oil or gas.

DST No. 4 - 11,785 to 11,825, 4 hr. test, used 2723' water blanket. Opened tool with good blow of air, gas in 3 hrs. 46 minutes, too weak to measure. No fluid to surface. Recovered 200' dry pipe; 10,995' oil cut with 25% fresh water blanket; gravity 40.2 corrected; and 630' weak sulphur water.

DST No. 5 - From 11,825 to 11,865, 4 hr. test, used 2753' water blanket. Opened tool with fair blow of air increasing to good blow. Gas in 3 hrs. and 48 minutes, too weak to measure. No fluid to surface. Recovered 1170' dry pipe, 1350' oil cut with 48% water blanket. Circulated out 16.62 bbls. oil and 4.97 bbls. water blanket. 450' drilling mud cut with 15% oil below circulating sub.

DST No. 6 - From 11,865 to 11,915, 7 hr. and 49 minute test, used 2816' water blanket. Opened tool with good blow of air. Water blanket to surface in 3 hrs. and 35 minutes. Flowed to pits an estimated 11.66 bbls. water blanket and 3.16 bbls. oil. Turned to tanks and flowed 19.17 bbls. oil in 2 hrs. and 50 minutes. Gas Volume 10,400 cu. ft. per day. GOR 57, Gravity 41 corrected. Closed tool and bled down 2.07 bbls. oil. Recovered 3.92 bbls. oil while pulling 870' drill pipe. Circulated out 37.95 bbls. oil cut .7% BS and drilling mud. Recovered 270' oil cut 10% drilling mud and 180' drilling mud cut 10% oil below circulating sub. No show of water.

DST No. 7 - From 11,915 to 11,965, 4 hr. test, used 2904' water blanket. Opened tool with weak blow of air. No gas or fluid to surface. Recovered 3945' dry pipe, 2904' water blanket slightly gas and oil cut, estimated 1% oil and 5116' salt water slightly gas cut.

DST No. 8 - From 12,452 to 12,505, 1 hr. and 38 minute test, used 1590' water blanket. Opened tool with weak blow of air which died in 5 minutes. No gas or fluid to surface. Recovered 1590' water blanket and 30' drilling mud. No show of oil or gas.