

Drill Stem Test

Rhoda No. 1

- No. 1 Took Johnston drillstem test Wolfcamp Formation from 8919' to 8980'. 400' water blanket, 5/8" bottom, 1" top choke. Tool open 1 hour, weak blow air immediately, died in 3 minutes. Recovered water blanket and 30' mud, Initial flowing pressure zero, 15 minutes shut in BHP 625#, Hyd. 4,700#.
- No. 2 Took Johnston D.S.T. from 9401' to 9450' Wolfcamp Formation, 950' water blanket, 5/8" bottom, 1" top choke, tool open 1 hour, air immediately, weak blow for 10 minutes and died. Recovered water blanket and 30' of drilling mud. Initial flowing pressure zero, 15 minutes shut in BHP zero, Hyd. 4900#.
- No. 3 Took Johnston D.S.T. Wolfcamp Formation from 9549' to 9736', 5/8" bottom, 3/4" top choke, 1,040' water blanket, tool open 30 minutes, fair blow 10 minutes, weak blow 5 minutes and died. Recovered water blanket and 219' mud. Estimated 30' of slightly gas cut mud. No pressure because of packer failure.
- No. 4 Took Johnston D.S.T. from 9696' to 9736' Wolfcamp Formation, 5/8" bottom, 3/4" top choke, 1,236' water blanket, tool open 1 hour and 15 minutes, air immediately, gas to surface in 15 minutes, water blanket to surface 40 minutes, oil in 55 minutes. Flowed to tank 12 minutes, 15 barrels oil (estimated 50 barrels per hour) closed test tool. Recovered 1,326' heavy oil cut mud, Initial F.P. 950#, Final flowing pressure 2,125#. 15 minutes shut in BHP 2,950#. Hydrostatic 5,125#.
- No. 5 Took Johnston drillstem test Wolfcamp Formation from 9736' to 9756', 5/8" bottom, 1" top choke, 1256' water blanket, tool open 2 hrs. 10 minutes, air immediately, gas and water blanket to surface in 15 minutes, oil to surface in 25 minutes. On hour gauge in tank 72 barrels/hr. Closed test tool. Recovered 120' of free oil, no water. Initial F.P. 1575#, Final F.P. 2525#, 15 minutes shut in BHP 3050#, Hydrostatic 5025#.