

DRILL STEM TESTS RUN ON STATE A-1, LEA COUNTY, NEW MEXICO:

- January 14, 1951 D.S.T. #1, 4784'-4875', tool open 1 hour 30 minutes. Very weak blow for 5 minutes & died - Recovered 20' very slightly oil cut drilling mud. No pressures.
- January 15, 1951 D.S.T. #2, 4874'-5065', tool open 2 hours 45 minutes. Weak blow of air throughout test - Recovered 920' drilling mud; lost 270' fluid. Driller failed to keep hole full.
- February 20, 1951 D.S.T. #3, 9523'-9560', Tool open 2 hours 25 minutes. Weak blow for 5 minutes & died for 1 hour 20 minutes, weak blow for last hour - Recovered 1230' gas, 120' oil & gas cut drilling mud. B.H.F.P. 75#, no S.I.P., Hyd. Head 4700#.
- February 28, 1951 D.S.T. #4, 9870'-9951', Tool open 2 hours. No gas to surface; fair blow throughout - Recovered 1740' gas, 240' heavily oil & gas cut mud, 60' salt water, 10' clean oil. No B.H.F.P. S.I.P. for 10 minutes - 200#.
- March 1, 1951 D.S.T. #5, 9866'-9951', Tool open 4 hours. No gas to surface. Good blow air throughout - Recovered 3960' gas, 180' oil & gas cut mud, 450' gas & salt water cut mud. No pressures.
- March 8, 1951 D.S.T. #6, 10,130'-10,186', Tool open 4 hours. Gas to surface in 50 minutes; (unloaded) - Est. Recovered 1000' Oil & gas cut W.B., 1636' heavily oil & gas cut mud. B.H.F.P. 1175#, S.I.P. for 10 minutes 3650#.
- March 10, 1951 D.S.T. #7, 10,166'-10,212', Tool open 4 hours. Strong air blow immediately; gas to surface in 50 minutes, (well unloaded) Est. Recovered 1080' oil & gas cut W. B., 1890' clean oil, 510' slightly mud cut oil, 90' heavily oil & gas cut mud. IBHFP - 750#, max. BHFP - 1200#, SIP for 10 minutes - 3550#.
- March 30, 1951 D.S.T. #8 (Inside pipe), 10,560'-10,619', Tool open 7 hours 5 minutes. Strong air blow immediately, gas to surface in 12 minutes - Recovered 9540' oil in 2" tubing, 810' heavily oil & gas cut drilling mud - (well unloaded 80 stands after test tool was broken off & then unloaded intermittently.) BHFP 1600#, No SIP.