

Drilling Completed 12-14-54. T.D. 14,015'. Drilled out depth 12,582'. Test ended 12-31-54. Elevation 4395' DF. DF 11' above ground. On initial potential flowed estimated 360 bbls. of 50 deg. gravity distillate, no water, in 24 hours, thru 32/64" choke on 2 1/2" tubing, for a daily potential of 360 bbls. distillate, no water. Open-flow gas volume estimated at 5,000 MCF per day. CP 0# (packer). TP 750#. Well was not shot. Well was acidized with 1,000 gallons mud acid from 12,512'-12,530' and from 12,542'-12,550'. Pay Pennsylvanian from 12,512'-12,550'. 7" casing was perforated from 12,512'-12,530' with 72 shots, from 12,542'-12,550' with 32 shots. Estimated daily gas allowable: 2,000 MCF effective 1-1-55. Estimated daily distillate allowable 240 bbls. effective 1-1-55. Well shut in awaiting market outlet for gas and distillate.

DST #1, 4680-4914', San Andres formation, tool open 1 hour. Fair blow for 10 minutes and weak blow balance of test. Recovered 630' of drilling mud, no oil or gas. Flowing pressure 150# to 525#. 15-minute shut-in BHP 525#. Hydrostatic pressure 2325#.

DST #2, 8908-9154', Wolfcamp formation, tool open one hour. Weak blow air throughout test. Recovered 90' slightly oil and gas-cut mud, no water or free oil. Flowing pressure 150-175#. 15-minute shut-in BHP 175#. Hydrostatic pressure 4550#.

DST #3, 9729-9881', Wolfcamp formation, tool open 1 hour. Weak blow air 30 minutes and died. Recovered 45' drilling mud, no oil, water or gas. FP 175#. 15-minute shut-in BHP 0#. Hydrostatic pressure 5425#.

DST #4, 9974-10,085', Wolfcamp formation, tool open 1 hour. Good blow air throughout. Recovered 1500' of sulphur water, no oil or gas. Flowing pressure 200#-950#. 15-minute shut-in BHP 3500#. Hydrostatic pressure 5600#.

DST #5, 11,367-11,536', upper Pennsylvanian formation, tool open 1 hour. Weak blow of air for 10 minutes and died. Recovered 1500' water blanket, 15' drilling mud, no oil, water or gas. Flowing pressure 825#. 15-minute shut-in BHP 825#. Hydrostatic pressure 6325#.

DST #6, 11,530'-11,732', Pennsylvanian formation, tool open 1 hour. Weak blow air for 10 minutes and died. Recovered 1500' water blanket and 15' of drilling mud, no oil, gas or water. Flowing pressure 775#. 15-minute shut-in BHP 825#. Hydrostatic pressure 6425#.

DST #7, 12,380-12,505', Pennsylvanian formation, tool open 1 hour 45 minutes. Very light blow air throughout. Recovered 1000' water blanket, 90' slightly gas-cut drilling mud, no oil, gas or water. FP 575#. 15-minute shut-in BHP 575#. Hydrostatic pressure 6700#.

DST #8, 12,500-12,569', misrun as packer failed.

DST #9, 12,440-12,469', misrun as packer failed.

DST #10, 12,315-12,569', misrun as packer failed.

DST #11, 12,314-12,569', Pennsylvanian formation, tool open 1 1/2 hours. Water blanket and gas to surface in 30 minutes. Flowed to pits 30 minutes to clean up. Tested 5 bbls. mud, no oil or water in 30 minutes with 3241 MCF gas per day. Pulled packer and recovered 450' of 50 deg. gravity distillate. FP 1050-2125#. 45-minute shut-in BHP 5175#. Hydrostatic pressure 6900#.

DST #12, 13,688-13,740', Devonian, tool open 40 minutes, very light blow air for 40 minutes and died. Recovered 2500' water blanket and 115' of drilling mud, no oil, water or gas. 15-minute shut-in BHP 1240#. FP 0#. Hydrostatic pressure 7860#.