

The Ohio Oil Company

J. M. Denton Well #13, Sec. 11-15-37, Lea County, New Mexico

DST No. 1 testing from 9168' to 9288'. Tool open at 8:55 a. m. for 4 hrs., weak blow of air immediately, increasing to strong blow in 10 min. Gas to surface in 1½ hrs., strong blow of gas lasting thruout test. 800' gas cut water blanket, 2450' oil, 140' oil and gas cut mud. Shake out 2% mud. Recovered below reverse circulating sub 150' heavily oil and gas cut mud. Initial flow 525#, final flow 1150#, 30 min. S.I. 2600#, hydrostatic 4250#.

DST No. 2 testing from 9288 to 9385'. Tool open 4 hrs. Weak blow of air immediately, increasing to strong blow in 15 min. Gas to surface in 1½ hrs. Strong blow of gas thruout remainder of test. Recovered 800' gas cut water blanks, 3200' free oil and 140' gas & oil cut drilling mud. Recovered 90' sample of drilling mud and water below reverse circulating sub. Initial flow 625#, final flow 1450#, 30 min. S.I. 2775#, hydrostatic 4250#.

DST No. 3 testing from 12,035' to 12,154'. Tool open 6 hrs. Good blow of air immediately, increasing to very strong blow in 5 min. Gas to surface in 35 min. No fluid to surface. Took 30 min. S.I. Reversed out to test tank 1200' water blanket, 3400' of free oil, and 100' heavily oil & gas cut mud. Recovered 120' very heavily oil & gas cut mud. Initial flow 800#, final flow 2075#, 30 min. 4625#, hydrostatic 5525#.

DST No. 4 testing from 12,154' to 12,274'. Tool open 8 hrs. Strong blow of air immediately, increasing to very strong blow of air in 20 min., lasting thruout test. Gas to surface in 27 min. Fluid to surface in 6 hrs & 4 min. Cleaned up to reserve pit and flow ed to test tank one hr. & 35 min., flowing 38 bbls. oil (Qty 47.9 API at 81° F GOR 558:1). Took 30 min. S.I. & reversed out to test tank 200' heavily oil & gas cut mud, 1200' water blanket, 2317' free oil 1460' formation water (salt). Total oil recovered 72 bbls. Initial flow 850#, final flow 2825#, 30 min. S.I. 4625#, hydrostatic (in) 5750#, and (out) 5625#, max flow pressure 3275#. Recovered 120' of mud and salt water below reversing tool.

DST No. 5 testing from 12,290' to 12,374'. Tool open 3½ hrs. Good blow of air immediately, increased steadily to strong blow of air in 10 min. Gas to surface after tool was S. I. Took 30 min S. I. Recovered 1000' of heavily oil & gas cut mud, estimated to be 20 to 30% oil, after settling out 2" oil in test tank or 3.33 bbls. Recovered 1200' water blanket, 1420' of formation water. Recovered below reverse circ. sub 150' of salt water. Initial flow 800#, final flow 1850#, hydrostatic 5775#, 30 min. S.I. 4700#.

DST No. 6 testing from 12,442' to 12,547'. Tool open, started very weak blow of air continued for one hr. then died. Tool closed and by-passed for 20 min. Tool re-opened at 5:40 a. m. very weak blow of air immediately, increased to weak blow increased to fair blow. Had medium to good blow at end of test. Recovered 10' free oil, 80' heavily oil and gas cut mud, 1200' of oil and gas cut water blanket. Initial flow 625#, final flow 600#, hydrostatic 5775# (in) and 5650# (out), 30 min. S.I. 1925# (did not get completely built up).

DST No. 7 testing from 12,563' to 12679'. Tool open 4 hrs. Weak blow of air immediately, increasing to strong blow of air in 30 min. Strong blow of air lasted 1½ hrs., fair blow for remainder of test. Gas to surface in 2½ hrs. Reversed out 1200' of oil & gas cut water blanket, 90' oil and gas cut mud, 120' oil & gas cut mud emulsion below reverse circ. sub. Initial flow 650#, final flow 650#, 30 min S.I. 2400#, hydrostatic 5850# (in) and 5700# (out).

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1. The following information was obtained from the records of the Bureau of the Census, Washington, D. C., and is being furnished to you for your information.

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