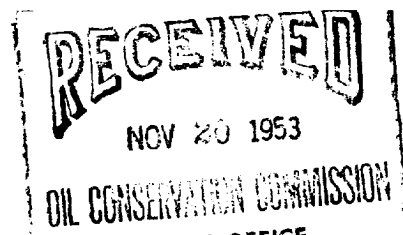


State E 476 A, Well #1 Lea County New Mexico,
Sec. 30, T 12 S, R 38 E
9360 to 9418'.



DST No. 1 - Tool open 8:30 a. m. 3/4" and 1" chokes. Very weak blow at 15 seconds & died. By-passed tool to check same, tool open 65 min., took 15 minutes SI press. Recovered 1000' water blanket, 10' oil & gas cut mud. Water blanket pressure 525#, initial flow press. 525# (W.B.), hydrostatic press. 4675#, final flow pressure 525# (W.B.) & 15 min. SI pressure 625#.

9505' to 9560'
DST NO. 2 - Tool open 4 hrs. 1000' water blanket, 3/4" and 1" chokes. Fair blow of air immediately, increasing for 3 hrs., decreasing to a weak blow the last hour. Reversed out to test tank & recovered 1920' salt water cut with mud & 1000' water blanket. Water blanket 575#, initial F.P. 750#; final F.P. 1300#, Hydrostatic pressure 4800# & 15 min. SI 2950#.

DST No. 3 - Tested from 9505' to 9560', tool open 2 hrs., 1000' water blanket 3/4" and 1" chokes. Air to surface in 2 min. fair blow of air for 113 min., increased to strong blow at end of test. Formation took mud above packer. Water blanket pressure 550#; initial F.P. 700#; final F. P. 1000#; hydrostatic 4830# & 15 min SI 2500#. Reversed out & recovered 1000' oil & gas cut water blanket & 1100' of heavily oil & gas cut mud & 60' of salt water. Recovered 120' salt water in bottom sample below reverse circ. sub.

DST NO. 4 Tested from 9524 to 9610'. Tool open at 6:11 a. m., 1000' water blanket, 3/4" and 1" chokes. Air to surface immediately with a good blow of gas to surface for 1 1/2 hrs. with a fair blow of gas for 4 1/2 hrs., took 15 min build up. Pulled one stand & reversed out 1000' heavily oil and gas cut water blanket & 3600' heavily oil & gas cut mud (estimated 80% oil) & 3000' free oil. Qty 41 @ 86. Water blanket pressure 550#; initial flow press. 700#; hydro. pressure 4550#; final flow pressure 1925# and 15 minutes flow pressure 2250#.

DST NO. 5 Tested from 9615' to 9640'. Tool open 70 minutes. 1000' water blanket 3/4" and 1" chokes. Light blow of air to surface immediately for 1 min. and died. Unseated packers twice, resealed same with weak blow of air each time for 1 min. & died. Pulled out, recovered 1000' of water blanket & 15' of drilling mud. Chart showed test ok. Water blanket press. 550#, initial flow press. 550# (W.B.) & final flow pressure 550# (W.B.) 15 min SI Pressure 675# and hydrostatic pressure 4600#.

[illegible][illegible][illegible][illegible]

1. The first part of the report is a general statement of the purpose of the study. It is a statement of the problem and the objectives of the study. It is a statement of the scope of the study. It is a statement of the significance of the study. It is a statement of the limitations of the study. It is a statement of the organization of the report.

[illegible][illegible]