

37. SUMMARY OF POROUS ZONES (Continued)

DST No. 1 Bone Springs 8697-8771'

Tested through 1" top and 5/8" bottom choke. Opened tool 15 minutes, small blow air. SI 60 minutes for ISIP. GTS 27 minutes TSTM. Opened tool 60 minutes strong blow air decreased to weak blow in 15 minutes. SI 120 minutes for FSIP. Pulled test tool recovered 90' free oil (40.7° API), 220' drilling fluid. Sample chamber recovery 1-1/2 cu. ft. gas at 100# pressure. IHP 3909#. IFP 106-131#. ISIP 1730#. FFP 106-157#. FSIP 3987#. FHP 3896#.

DST No. 2 Atoka 13,350-14,424'

Used 4400' water blanket. Tested through 1" top and 5/8" bottom chokes. Opened tool 30 minutes weak blow air increased to strong blow in 3-1/2 minutes. SI 60 minutes for ISIP. Opened tool 60 minutes. Strong blow air in three minutes. SI 120 minutes. GTS 91 minutes 20 MCF gas. Pulled test tool. Recovered 9440' gas in DP, 4474' gas cut water blanket and 110' gas cut drilling mud. Sample chamber recovery 1-1/2 cu. ft. gas at 100# pressure. IHP 9018#. IFP 2223-2139#. ISIP 9383#. FFP 2223#. FSIP 9383#. FHP 9018#. BH Temperature 198° F.

DST No. 3 Morrow 14,754-14,805'

Used 6500' water blanket. Tested through 1" top and 5/8" bottom chokes. Opened tool 30 minutes weak blow air increasing to strong in 7 minutes. SI 60 minutes for ISIP. Opened tool 60 minutes, very weak blow air throughout. SI 120 minutes FSIP. Pulled test tool. Recovered 6500' gas cut water blanket, 475' gas and water cut mud and 180' gas cut water. Sample chamber recovery 1/2 cu. ft. gas and 1800 cc water at 200# pressure. IHP 10,029#. IFP 3122-3262#. ISIP 7502#. FFP 3290-3318#. FSIP 7502#. FHP 10,029#.