

#1 Dickinson State
330' FNL & 100' FWL Sec. G-118-37E
Lea County, New Mexico

DRILL STEM TESTS

DST #1 (San Andres) 4960' - 5015'. Open total of 90 mins. On 30 min. pre-flow, op. w/slight blow cont. thru-out. On 60 min. final flow, op. w/slight blow decr. to very slight blow. Rec. 262' drlg. fluid. Bottom hole sampler rec. no gas, 2100 cc drlg. fluid @ 1#. IHP 2177#, 30 min. IFP 57# - 91#, 60 min. ISIP 1543#, 60 min. FFP 114# - 160#, 120 min. FSIP 1600#, FHP 2177#, BHT 112⁰.

DST #2 (Atoka) 9830' - 9974'. Open total of 90 mins. On 30 min. pre-flow, op. w/good blow inc. to very strong blow, 0# - 2½#. Closed tool 60 min. On 60 min. final flow, op. w/good blow inc. to very strong blow 0# - 2½#. Closed tool 120 mins. Rec. 376' drlg. mud, 5,922' salt wtr. Bottom hole sampler rec. trace of gas, 2450 cc salt wtr. @ 250#. IHP 5328.2#, 30 min. IFP 222.3# - 1331.2#, 60 min. ISIP 3857.8#, 60 min. FFP 1463.6# - 2569.9#, 120 min. FSIP 3857.8#, FHP 5283.5#, BHT 152⁰.

DST #3 11600' - 11711'. Packers failed, no test.

DST #4 11528' - 11711'. Open tool 10 mins., packers failed, no test.

DST #5 12104' - 12349'. Open total of 55 mins. On 25 min. pre-flow, op. w/good blow inc. to 2½#, decr. to 1½#. Closed tool 60 mins. On 30 min final flow, op. w/fair blow, 4" in bucket inc. to 8", decr. to no blow in 12 mins. Closed tool 120 mins. Rec. 2000' water blanket, 475' drlg. mud, 3338' formation water, no oil or gas. Bottom hole sampler rec. no oil or gas, 1100 cc water @ 25#. IHP 6411#, 25 min. IFP 2657# - 2787#, 30 min. ISIP 3288#, 30 min. FFP 2831# - 2874#, 120 min. FSIP 3222#, FHP 6324#, BHT 190⁰.