

Drill Stem Tests:

- DST No. 1 Tested from 8860' to 8944', 7/8" X 1/2" chokes, 1 hr. test. Tool open at 8:10 P.M. 7-14-66. Tool open 10 mins. for pre-flow with good blow. Tool opened for 1 hr. flow test with good blow at start, gradually decreased for 45 mins. and died. No GTS. Recovered 8400' of slightly SW cut drilling fluid. Chlorides on drilling fluid 400 ppm and on recovery above test tool 9700 ppm. Sample chamber contained all water, Chlorides 12,000 ppm. 1 hr. ISIP 3763#, IFP 3366#, FFP 3763#, 1 hr. FSIP 3763#, Hydro in and out 3891#. BHT 130°F.
- DST No. 2 Tested from 10,790' to 11,094', 1/2" X 1/2" chokes, 4 hr. test. Tool open 5:42 A.M. 8-2-66. Tool open 5 mins. for pre-flow with strong blow. Tool opened for flow test with strong blow, 5# in 2 mins., 10# in 5 mins., 12# in 7 mins., GTS in 7 mins., 12# in 10 mins., 9# in 15 mins., 6# in 20 mins., 3# in 30 mins., 0# in 45 mins., and strong blow for remainder of test. Recovered 700' of HGCM, no show of oil. 1 hr. ISIP 1280#, IFP 268#, FFP 345#, 1 hr. FSIP 895#, Hydro in 5479#, and Hydro out 5466#. BHT 154°F.
- DST No. 3 Set hook wall packer at 11,100' in 7" casing to test open hole below 7" casing from 11,161' to 11,397'. 1/2" X 1/4" chokes, 6,000' WC, 3 min. test. Tool open 7:05 A.M. 8-12-66. Tool open for 2 min. pre-flow with strong blow. Tool 1 hr. ISIP. Tool open for flow test with strong blow, 10# in 2 mins., 1000# in 3 mins. and water cushion to surface in 3 mins. Closed tool, had a maximum of 1400# while closing tool. Took 1 1/2 hr. FSIP. Pulled 18 stands of DP and well started flowing. Filled DP with mud, opened lower circulating sub, reversed circulated test out of hole. Circulated out gas and distillate cut mud from DP. Killed well with 16# mud and pulled test tool out of hole. 1 hr. ISIP 6912#, IFP 6794#, FFP 6814#, 1 1/2 hr. FSIP 6912#. Hydro in 7168# and out 6952#. BHT 158°F.