

DRILL STEM TESTS - SKELLY OIL COMPANY'S - HOBBS "G" WELL NO. 1

DRILL STEM TEST NO. 1 - 9690 - 9704':

1" top & bottom chokes. Tool open 4 hrs. Very strong blow of gas surfaced in 3 mins. which weakened to 7-1/2 MCFFD after drill pipe filled with fluid. No fluid to surface. Pulled 4-1/2" OD drill pipe, first 1302' was dry and then drill pipe started unloading water and oil, recovered salty water and oil in next 900' est. to be 4 bbls, net oil, reversed out 7488' of salty water, no oil. H.P. in 5105#, out 5125#, IFP 890#, FFP 3200#, 20-min. buildup 3200#.

DRILL STEM TEST NO. 2 - 9775 - 9790':

1" top & bottom chokes. Tool open 5 hrs. Gas to surface in 3-1/2 hrs. continued as steady blow then weakened when drill pipe filled with fluid. Pulled 4-1/2" OD drill pipe, first 1865' was dry then had 90' of water cut mud and 7820' of salty water, no show of oil. H.P. in 5180#, out 5095#, IFP 580#, FFP 3680#, 20-min buildup 3680#.

DRILL STEM TEST NO. 3 - 9644 - 9671':

Went in hole with straddle packers and tested 9644-9671' (TD 9790'). 5/8" BHC, 1" THC. Open 1 hr & 10 mins. and packer started leaking. Had steady blow of air throughout test. Pulled 4-1/2" OD drill pipe and recovered 500' of drilling mud, 700' of salt water, no show of oil. H.P. in 5175#, out 5105#, IFP 195#, FFP 445#, failed on buildup (Packer leaking).

DRILL STEM TEST NO. 4 - 9824 - 9865':

5/8" BHC, 1" THC. Tool open 4 hrs. Gas to surface in 3 hrs. continued as good blow during remainder of test. Pulled 4-1/2" OD drill pipe, recovered 120' of gas-cut and slightly oil-cut drilling mud and 3860' of salt water. H.P. in 5225#, out 5210#, FP 200-2140#, 20-min buildup 3295#.