

DRILL STEM TEST NO. I - 5380 - 5580

HOBBS OFFICE OCC

5/8" BHC, 1" THG Tool open 4 hrs. with strong blow of air. Gas to surface in 3 minutes; tested at rate of 116.5 MCF per day, declined to 34.4 MCF/day, after 2 hrs. and then continued blowing at rate of 34.4 MCF/day during remainder of test. Pulled 3 1/2" OD drill pipe. Recovered 5' free oil, 90' of O&GCM est. 10% oil, and 510' GCM. Had 40' of mud and 20' of distillate below circulating valve. H.P. in 2580#, out 2560#, IFP 205#, FFP 265#, 20 minute build up - 995#.

DRILL STEM TEST NO. II - 5581 - 5730'

5/8 BHC, 1" THG, Tool open 3 hrs. with fair blow of air. Weak blow of gas to surface in 1 hour and 42 minutes and continued as weak blow during remainder of test, volume too small to measure. Pulled 3 1/2" OD drill pipe. Recovered 110' gas-cut drilling mud. No show of oil or water. H.P. in - 2635#. Out - 2635#. F.P. 70 - 90#. 20 minute buildup - 310#.

DRILL STEM TEST NO. III - 5802 - 5950'

5/8 BHC, 1" THG. Tool open 3 hours, light blow of air to surface in 1 hour and 57 minutes and continued as light blow during remainder of test. Pulled 3 1/2" OD Drill pipe and recovered 60' of O&GCM. Estimated 5% oil. H.P. in - 2750#. Out - 2750#. IFP - 70#. FFP - 70#. 20 minute buildup 200#.

DRILL STEM TEST NO. IV - 5950 - 6140

1" BHC, 5/8" THG. Tool open 3 hours with weak blow of air continuing as weak blow throughout test. No gas to surface. Pulled 3 1/2" OD drill pipe. Recovered 540' of slightly GC drilling mud. No show of oil or water. H.P. in - 2925#. Out - 2890#. IFP - 225#. FFP - 325#. 15 minute SIP 325#.