

RECORD OF DRILL STEM TESTS

STATE BTE WELL No. 1

3-6-50

DST. #6 From 8817' to 8853', 4 hr. and 20 minute test. 2-6 $\frac{1}{2}$ " Packers, Safety joint, 3 $\frac{1}{2}$ " Modified drill pipe & Drill collars. Packers set at 8809' & 8817', Perforations 8819' to 8849', With 5/8" bottom & 1" Top choke. Tool opened at 7:45 PM. Gas up in 3 minutes, mud in 17 minutes, distillate in 20 minutes, Flowed 4 hrs. made total of 124.89 bbls. fluid averaged 1.5% mud, no water. Gravity 42.6 at 54 degrees, Gas Vol. 848,000 cu. ft. per day, GOR 1117. Closed tool at 12:05 AM. for 1/4 hr. build up, recovered 1590' free oil, 30' slightly salty tasting water. Howco. Hydro. pressure in 4600# out 4425#, initial flow pressure 600# final flow pressure 1300#, 1/4 hr. build up 3100#. Amerada Hydro. pressure in 4425# out 4285#, initial flow pressure 300# final flow pressure 1085#, 1/4 hr. build up 3010#.

3-15-50

DST. #7 From 9376' to 9425', 1 hr. & 52 minute test, 2-6 $\frac{1}{2}$ " packers, Safety joint, 3 $\frac{1}{2}$ " modified drill pipe & drill collars, packers set at 9368' and 9376', perforations 9409' to 9422', with 5/8" Bottom and 1" top choke, Tool opened at 4:35 PM. with weak blow air for 13 minutes and died, closed tool at 5:48 PM. reopened tool at 5:50 PM. with weak blow air for 7 minutes and died, closed tool at 6:27 PM. for 1/4 hr. build up. Recovered 110' of drilling mud, no show of oil, gas or water. Howco Hydro. pressure in 5000# out 4950#, flow pressure 0#. Amerada Hydro. pressure in 4810#, out 4615#, flow pressure 0#, build up 0#

4-1-50

DST. #8 From 9970' to 10,057', 5hr. and 20 minute test, 2-6 $\frac{1}{2}$ " packers, 3 $\frac{1}{2}$ " modified drill pipe, drill collars, & safety joint, Packers set at 9962' & 9970', perforations 9971' to 9972' and 10,030' to 10,053' with 5/8" bottom & 1" Tp choke, 990' water blanket. Tool opened at 10:20 PM. water blanket up in 14 minutes, mud in 17 minutes, oil up in 19 minutes, turned to tanks at 10:40 A.M. Made total of 552.24 bbls. in tanks and 19.32 bbls. bled from drill pipe, total of 571.56 bbls. Oil is pale yellow color, gravity corrected to 59.4, Gas Volume 1,512,000 cu ft. per day, GOR 530, Closed tool at 3:40 A.M. for 1/4 hr. build up pressure. Recovered 2940' Dry pipe, 7117' oil, no water or mud. Howco. Hydro. pressure in 5100# out 4800#, initial flow pressure 3500#, final flow pressure 3700#, 1/4 hr. build up 3800#. Amerada Hydro. pressure in 4950# out 4850#, initial flow pressure 3280# final flow pressure 3400#, 1/4 hr. build up pressure 3550#.

