Petr 425
Rod Pump Problem

The Bone Dry #1 has a plug back depth of 10,254’ with perforations @ 10,122 – 35’GL. The well was initial tested with a rate of 101 bopd and 10 bwpd. The initial reservoir pressure is 3210 psi, the bottom hole flowing pressure at the time of the test was 1250 psi. Design a rod pumping system for this well.

Massive flood unit zone is at 2500’, each producing well must pump 750 blpd. Design the rod pumping systems if possible.

Needed is the tubing string, pump size and length, type of pump, and the rod string. The surface equipment is also needed, the jack, prime mover etc.