The Gotno Oil and Gas Company is planning a well to test the morrow formation in Lea County, NM, the Mullet #1. The well is to be drilled in east ½ of sec.24-16S-34E. The expected BHP is 7100 psi. Design the casing strings required for this well.

If class G cement with 4% bentonite and 3% salt is used for the production string, how much is needed to get 750’ of fill and at what pumping rate is needed for a good bond? $K=.195$ and $n^*=.3$. What else is helpful for a good bond?