1. The calculation was performed using a VIP simulation model with the following parameters:
   - Oil $B_o$: 2.345 rb/stb
   - c.r. $6 \times 10^{-6}$ psia

   - The "near well pressure" is taken from the well's gridblock, with dimensions of 100 x 100 ft.
   - The model includes the MN78, C, and MN68, C, D, E, A7 sand, and was originally chosen to address whether the wellhead could become gas filled during shut-in at the "coldhead".
   - The MN78 gas sands have a higher initial pressure than the main oil sands; they are unfractured with a brief axial extent. These sands contribute some flow for the first 30 days of production, during which time the pressured GOR drops from 4,650 SCFM to 3,520 SCFM.
   - For depletion with only the MN78-K open, depletion at a constant 35 mbail would yield a near well pressure in the WMAF of 10,689 psia, and there would be no change in the sand's average pressure.