

11551.3.1

**Assumptions / Discussion**

1. The wellbore pressures are based upon a static field. The inflows are based upon simulation.
2. Reservoir Parameters for simulation unchanged from previous note:
  - Oil  $R_o = 2,345 \text{ m}^3/\text{mbbl}$
  - $k_x = 7.05 \text{ md}$
  - $k_y = 3.104 \text{ md}$
  - GOR: 2990 SCF/mbbl
  - DOP: 159.9 months
  - Reservoir Volume: "Oil: 257.8 mmbr; S<sub>g</sub>: 9.7% (no water zones in other zones); Water: 991.6 mmbr excludes connate water (2.4% of oil volume)"
3. Average depletion for each case (per day) after 20,000 days: 1.41 bbl were calculated. This factor was applied to the simulation results (through 1-JUL-06) to update them to 36 full days.
4. The model is a vertical cross-section of the reservoir, with each layer homogeneous and no dip.

**2. Reservoir Parameters for simulation (unchanged from previous note):**

$$\bullet \quad c_F = 6 \times 10^{-6} \text{ psia}^{-1}$$

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