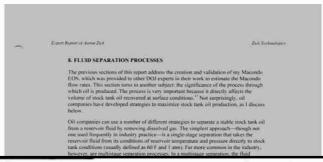
## 11490R.25.4



<sup>13</sup> There is often a lot of confusion about the definition of stock tank oil and a reservoir fluid's formation volume factor (FVF), shrinkage factor (SF, the inverse of FVF), and gas-oil ratio (GOR). These concepts are poorly defined. None is an intrinsic property of a reservoir fluid. Reservoir oil can be converted to stock tank oil through any number of processes, including differential liberation expansions, single-stage separations, or multistage separations, to name a few. The FVF, SF, and GOR help quantify the conversion from reservoir oil volumes to stock tank oil volumes, but their values depend on the conversion process chosen. Thus, in the absence of information about the initial conditions, the final conditions, and the conversion process used, these terms do not have clear meaning.

