

1. Reservoir Fluid Properties
2. Fluid Characterization and Recovery Mechanism
3. Advanced Fluid Sampling and Characterization of Complex Hydrocarbon Systems
4. Planning of Laboratory Studies
5. Phase Behavior of Petroleum Reservoir Fluids in the Dense Phase or Supercritical Region
6. Special Characterization for EOR Processes
7. Compositional, Fluid Property, and Phase Behavior Characteristics of Unconventional Reservoir Fluids
8. Porous Media Effects on Phase Behavior of (Unconventional) Petroleum Reservoir Fluids
9. Compositional and Phase Behavior Effects in Conventional and Exotic Heavy Oil EOR Processes
10. Flow Assurance in EOR Design and Operation
11. EOS and PVT Simulations
12. Empirical Relations for Estimating Fluid Properties