
- Simulating porosity and permeability of NMR log in carbonate reservoirs of Campos Basin – Southeast Brazil - using conventional logs and artificial intelligence techniques;

- Petrophysical, mineralogical and elastic property characterization of Halocene carbonates from Salgada lagoon, Brazil;

- Petrophysical characterization of Halocene carbonates from Salgada lagoon, Brazil;

- Petrophysical, mineralogical and P wave velocity characterization of Albian carbonates from Campos basin, Brazil;

- Estimation of the consolidation parameter on microporous carbonate rocks;

- Dual pore system evaluation of Albian grainstone carbonates from Brazil using effective elastic media theory models.