

# FieldAssist — Reservoir Production Performance Evaluation



FieldAssist is used to evaluate oil well production performance, identify potential production failure by correlating reservoir formation inflow and well production outflow against baseline conditions and typically used with PEOffice ProdDiag as part of a comprehensive Artificial Lift Analysis program. FieldAssist can quickly locate and evaluate the production status of wells by creating performance and utilizing well location maps created previously in PEOffice WellMap.

## Main Functions

### Performance map template

- Performance map template for rod pump well
  - Provides three types of templates: Inlet Pressure vs. Pump Efficiency, Flowing Bottom-hole Pressure vs. Pump Efficiency, and the Ratio of Flowing Bottom-hole Pressure over Bubble Point Pressure vs. Pump Efficiency
- Control lines calculated by the statistical and theoretical methods
- Performance map template for ESP well
  - Provides two types of templates: Pump Inlet Gas-liquid Ratio (GLR) vs. Pump Discharge Efficiency and Pump Inlet Pressure vs. Pump Discharge Efficiency
- Template management
  - Flexible template settings
  - Allows to save, import and export templates



