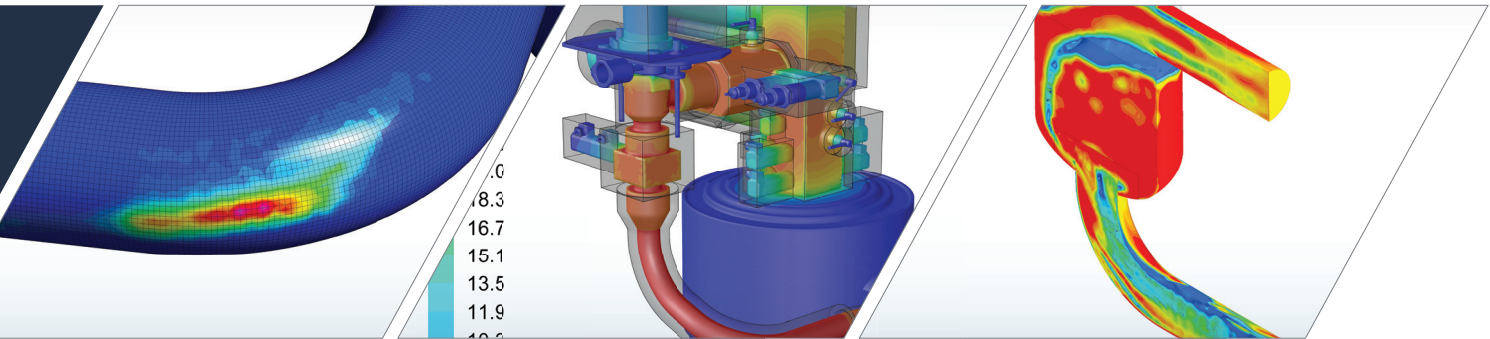


## Flow Assurance



### Results-driven flow assurance

Flow assurance encompasses a large range of technologies, each contributing to ensure efficient hydrocarbon production. It is imperative that every effort is made to maximize hydrocarbon recovery. Small increases in performance and design optimization can provide vast economic benefits to the vendor.

### Experience that works

The Wild Well Advanced Engineering group is renowned for providing answers to complex fluid flow and engineering problems, many of which are associated with flow assurance. As industry experts in the provision of state-of-the-art technologies, Wild Well can meet your flow assurance needs. We offer:

#### Thermal analysis

- Cool-down and warmup transient simulations
- Hydrate and wax management
- Conjugate heat transfer
- Electrical heating

#### Multiphase flow

- Slug flows and fluid interactions
- Non-Newtonian fluids
- Chemical injections

#### Solids management

- Erosion analysis
- Solids accumulation
- Pigging analysis