

Multiphase Analysis



Results-driven multiphase analysis

The oil industry deals with complex fluid flows throughout its supply chain. From the hydrocarbons we transport to the gasses we flare, different fluids are interacting all around us. An understanding of these interactions through advanced engineering analysis is critical to safety and economic return.

Experience that works

The Wild Well Advanced Engineering group delivers multiphase flow solutions throughout the energy sector. To overcome the dynamic challenges presented in the field, Wild Well continuously improves technology and builds expertise to meet the industry demands for multiphase flow expertise. We offer:

Hydrocarbon flow solutions

- Pipe slugging
- Multicomponent flows

Separator analysis

Sloshing analysis

Component interaction

- Phase mixing
- Particle transport
- Blowout modeling

System design

- Mixing assessment
- System upgrades and remedial designs
- Troubleshooting