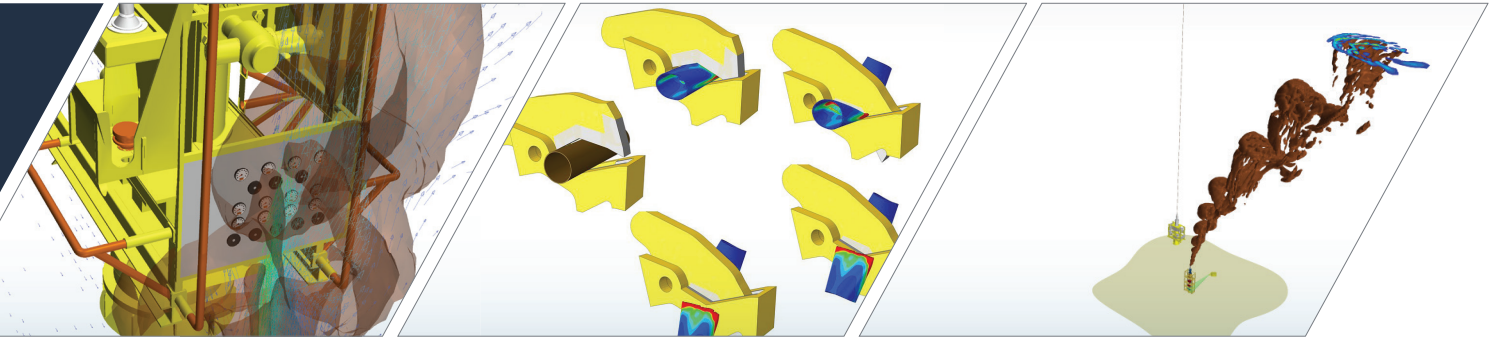


## Well Release Analysis



### Results-driven well release analysis

A source release event occurs when there is an uncontrolled escape of hydrocarbons from a well. Modern analysis techniques allow the simulation of these complex blowout events. Input variables can be altered allowing the development of a pre-engineered solution to control the event should it occur. Analysis can provide valuable engineering insight into what could happen in an emergency situation as well as provide the appropriate response.

### Experience that works

As the industry leader in emergency response, Wild Well offers clients 40 years of well control experience. The Wild Well Advanced Engineering group delivers a complete engineering package, tailored for each client, which meets or exceeds the requirements set by international standards. Guidelines published by NORSOK outline what should be included as part of a blowout contingency plan: evaluation of the feasibility of capping a blowout scenario at the given water depth; and consideration of additional well load cases resulting from a capping operation.

#### Well release remediations

- Capping stack stability
- Water column dispersion
- Surface gas concentrations
- Installation assessment

#### Complete engineering package

- Wellhead structural loading
- Transportation and sea fastening
- Erosion and hydrate formation predictions

#### Extensive validation investments

- Three-year joint industry project
- Advanced modeling tool for subsea gas release
- Full-scale thermal analysis testing
- Erosion modeling that meets or exceeds international standards