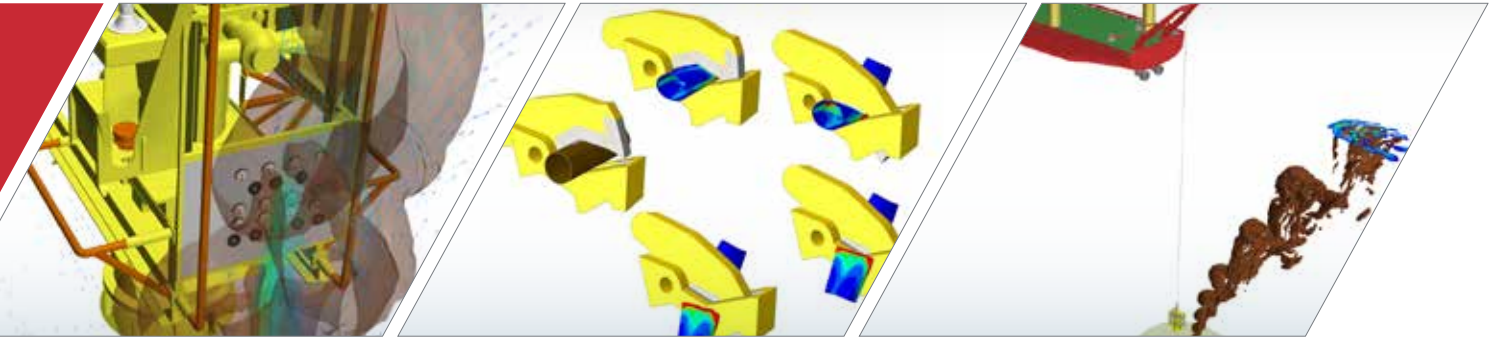


Well Release Analysis



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