

# Relief Well Operations for Blowout Control



Wild Well provides Relief Well Operations services to intercept and kill a blowout well when surface intervention or capping requires an extended period of time, and/or when such efforts may not succeed. These services include:

## Project Engineering & Design

Project Engineering and Design services to ensure proper planning and oversight for the safe and successful execution of the Relief Well Operation.

## Relief Well Intersection Management

Provide on-site management of:

- Relief Well Intersection Process
- Intercept depth(s)
- Constraints on relief well surface location(s)
- Target and adjacent well position uncertainties
- Hydraulic communication method(s)
- Target ranging strategy
- Subsurface drilling and well control hazards
- Relief well(s) trajectories
- Casing design
- Drilling program
- Kill program integration

## Hydraulic Kill Management

Provides on-site management of:

- Operator and service company technical support personnel
- Blowout and kill simulation specialists and software
- High pressure pumping personnel and

equipment

- Kill fluid storage and transfer personnel and equipment
- Mud plant and kill fluid personnel and equipment
- Specialty reactive kill fluids and polymers personnel and equipment

## Wellsite Supervision

- Supervision of Drilling, Testing and Completion Operations for relief well intersections including the on-site management of:
- Operator and service company technical support personnel
- Directional drilling and Measuring while drilling (MWD) personnel and equipment
- Borehole surveying personnel and equipment
- Homing-in (electromagnetic ranging) and wireline personnel and equipment
- Milling and perforating (to gain hydraulic communication) personnel and equipment
- Daily and final reports for specialty intersection services