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