THE ULTIMATE RELIEF WELL AND
PLUG AND ABANDON SOLUTION
Scientific Drilling’s BlackShark Active Ranging System is designed to deliver first-attempt relief well intersection, eliminating the need for costly and time consuming side-tracks. Deployed via wireline, the BlackShark tool identifies the exact distance and direction from the relief well to the target well, delivering ranging data up to 200 feet from the target well. When speed and accuracy matter most, the BlackShark Active Ranging System is the ultimate relief well and plug and abandon solution.

**TARGET APPLICATIONS**

- Relief Well
- Plug & Abandonment
- Collision Avoidance
- Complex Completions
- Ghost Well Detection

**DELIVERING THE ULTIMATE VALUE**

- Designed to deliver first-attempt intersection using precise ranging data and long range detection distance of up to 200 ft from the target well
- Industry leading sensitivity and range greatly reduces the cost and time associated with relief well operations
- Utilizes the most sensitive magnetometers in the industry, which detect and measure the tool’s magnetic field at relevant spatial points
- Determines the exact distance between wells, ensuring the most accurate relief well placement
- Highly accurate system ensures the relief well achieves a precise position for milling or perforating the target well
- Streaming high-speed data allows for the calculation of the ranging result in real time
- Considered the most accurate long range tool on the market

**PRODUCT SPECS**

- **LENGTH**: 10 ft
- **DIAMETER**: 2 in & 4.5 in (OD)
- **MINIMUM HOLE SIZE**: 6 1/8 in
- **WIRELINE**: 7 - Conductor
- **CONNECTIONS**: Compatible with all industry standard wireline
- **SURFACE SOFTWARE**: Real-time 3D data presentation while ranging
- **TEMPERATURE RATING**: 185°F (85°C) (Standard), 482°F (250°C) (Maximum)
- **MAXIMUM OPERATING PRESSURE**: 25,000 psi
- **MAXIMUM RANGE (DIRECTION)**: 200 ft
- **MAXIMUM RANGE (MODELED DISTANCE)**: 200 ft
- **MAXIMUM RANGE (GRADIENT DISTANCE)**: 30 ft
- **MULTI-RANGE AND PASSENGER TOOL COMPATIBILITY MODE**: Onboard passive ranging sensors for all tools. Can be run with passenger tools in real-time (i.e. Gyro)