FALCON FIRE MP MWD

The Falcon Fire MP MWD is SDI’s high temperature mud pulse MWD system that delivers maximum reliability, precision wellbore placement, deeper reach, and safer operations.

The system parameters are fully field-programmable, yielding predictable performance in the world’s harshest drilling environments, including extreme LCM conditions.

Falcon Fire MP MWD provides the following borehole measurements in real-time:

- Survey Inclination & Azimuth
- Tool Face
- API Calibrated Gamma Ray
- Drilling Dynamics: Axial and Lateral Vibration, Stick slip, Temperature
- Continuous Inclination

DELIVERING THE ULTIMATE VALUE

- Pressure-compensated pulser design enabling use in a wide range of bottom hole pressure operations
- Bi-directional communication for customization of MWD tool parameters while downhole
- Field-configurable system enables flexibility for changing well conditions
- Innovative electronics and mechanical design delivering optimal performance in elevated temperature operations

TARGET APPLICATIONS

- High Temperature Environments
- Geothermal
- Unconventional Resource Plays
- Directional/Horizontal Drilling
- Relief Well and Re-Entry
- Magnetic Ranging (Passive and Active)
- Steam Assisted Gravity Drainage (SAGD)

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