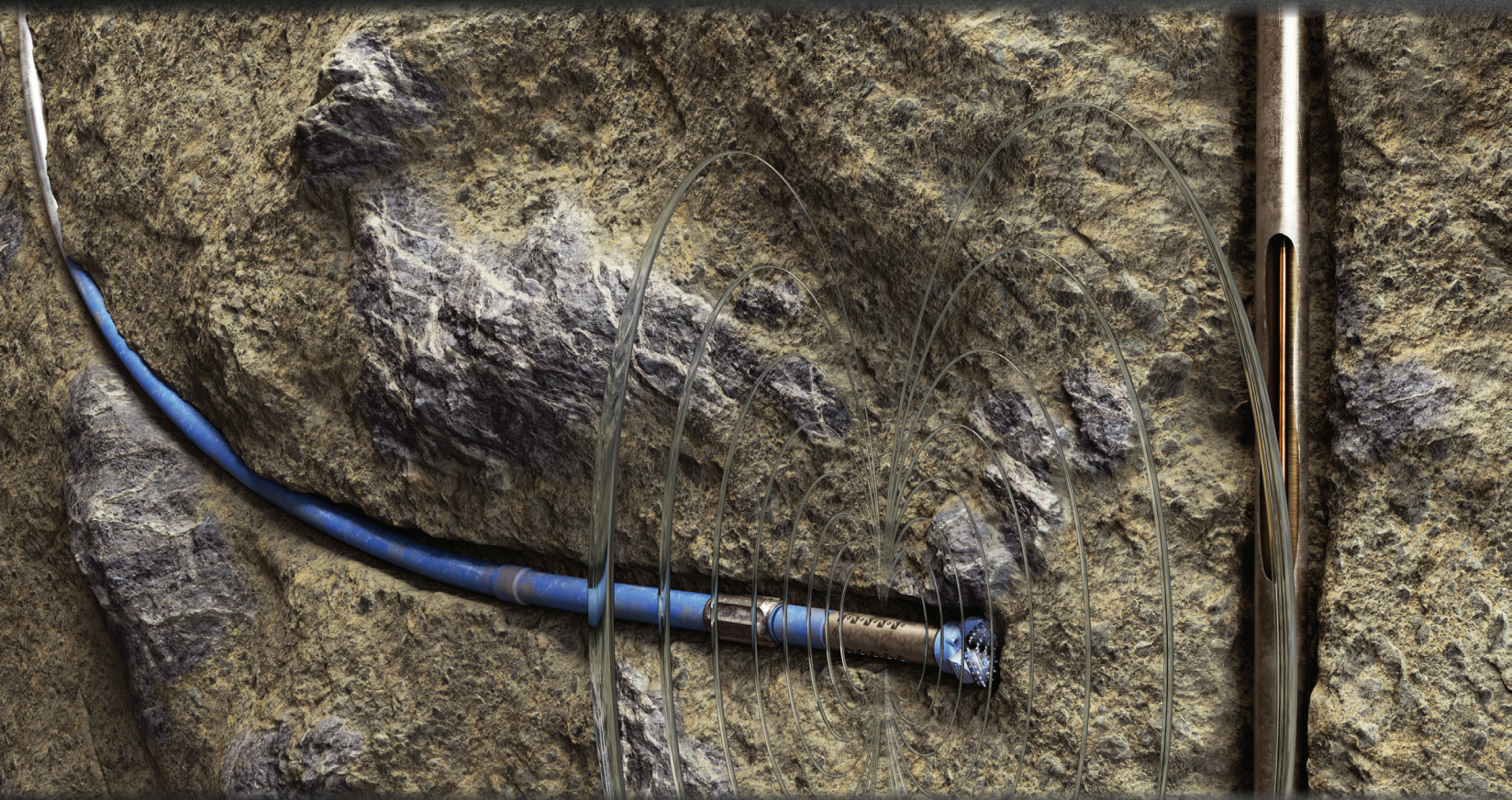


ROTATING MAGNET RANGING SYSTEM



LONG DISTANCE MAGNETIC RANGING

Vector Magnetics' Rotating Magnet Ranging System (RMRS) is the most accurate wellbore locating method available, allowing for controlled intersections and precision wellbore placement in any orientation.

Field-proven with more than 1000 successful intersections since its first introduction more than 20 years ago, RMRS is the choice when success is the only option.

Compatible with any drilling configuration with minimal impact on directional control and equipment.

FEATURES

- Proven accuracy in cased and open-hole wells
- Ranging measurements taken during normal drilling operations means minimal time cost

BENEFITS

- Measurements taken at the bit allow for immediate feedback and maximum directional control
- Field-proven design; thousands of successful intersections of targets as small as 3.5 in

APPLICATIONS

- Well intersections in any orientation
- Controlled separation and well avoidance

RMRS

ELIMINATE THE GUESSWORK

TECHNICAL SPECIFICATIONS

| | | | |
|--------------------------------|---|-------------------------------|---|
| Outside Diameter (Probe) | 1.75 in (4.45 cm) | Distance Accuracy (0-75 ft) | 1-3% |
| Length (Probe) | 48 in (122 cm) | Distance Accuracy (75-220 ft) | 3-5% |
| Electrical Connection | 1-3/16 in, 12 tpi GO (standard wireline connector) | Detection Range | >300 ft (90 m) |
| Wireline | Mono conductor | Outside Diameter (bit sub) | 3.25 - 8 in (custom sizes available) |
| Internal Operating Temperature | 0-85°C (125°C optional) | Length (bit sub) | ~16 in (length varies by size) |
| Pressure Rating | 17,000 psi (1200 bar) | Software | Proprietary (licensed to end-user) |

PRECISION WELLBORE PLACEMENT. EVERY TIME.



VECTOR
MAGNETICS

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