Gyrodata’s GeoGuide CBL services offer a complete 360° depiction of the cement-to-casing and cement-to-formation bond integrity. Additionally, custom log formats are available for a variety of applications to enhance data clarity. These features paired with quantitative interpretation by Gyrodata’s experienced logging services team, enables operators to make more confident decisions for complex reservoir situations.

**GENERAL SPECS**

- **Temperature**: 350°F (177°C)
- **Pressure**: 20,000 psi (138 MPa)
- **Tool Diameter**: 2¾ - 3¼ in (69.9 - 82.6 mm)
- **Tool Length**: 9.48 - 9.71 ft (2.89 - 2.96 m)
- **Tool Weight**: 132 - 140 lb (49.3 - 63.5 kg)
- **Casing Size Range**: 4½ - 13½ in (11.4 - 34.3 cm)

**SENSOR SPECS**

- **Receivers**: Piezoelectric Crystal
- **Signal Output**: 3 ft amplitude CBL, 5 ft VDL, 360° Cement Quality Map - generated by the calibrated segmented receiver array
- **Sampling Resolution**: variable rates
- **Logging Speed**:
  - @ 50 Kbps: 70 ft/min (21 m/min)
  - @ 100 Kbps: 100 ft/min (30 m/min)
- **Fluid Media**: brine, oil, fresh water, drilling mud, etc.

Specifications are subject to change based on well profile. Contact your Gyrodata representative for details. Updated May 2018. Copyright ©2012 Gyrodata, Inc.

**COMBINABILITY**

- GeoGuide GR: Scintillation Gamma Ray
- GeoGuide Temp: Temperature
- GeoGuide CCL: Casing Collar Locator
- GeoGuide MTD: Magnetic Thickness Detector
- GeoGuide MFC: Multi-Finger Caliper
- MicroGuide: High Density Tortuosity Log
- GyroGuide: Real-Time or Memory Gyro Surveying

Tool combinability dependent on application and tool configuration. Tool selection enables data correlation of depth, formation, tortuosity, or tool orientation and to pin-point anomalies in the wall.

**MARKET + APPLICATIONS**

- Drilling, Completions & Production
- Cased Hole Operations
- Evaluation of Cement-to-Casing & Cement-to-Formation Bond Integrity
- Determination of Compressive Strength & Thickness of Cement
- Identification of Channeling
- Detection of Microannulus Presence
- Identification of Zonal Isolation
- Identification of Top of Cement (TOC)