

CENTURY GEOPHYSICAL LLC.
PRODUCT DESCRIPTION

9053 Natural Gamma - Casing Collar Locator Tool



Background Information

Used when the natural gamma log and casing collar locator is required. This tool's slim design permits logging in small diameter boreholes and through steel or PVC drill pipe of 2 inch inside diameter or larger. The natural gamma sensor is located near the bottom of the tool to permit data acquisition near the total depth of the borehole.

Features

| Properties Measured (see diagram) | Tool Specifications | |
|--|--|--|
| 1. Casing Collar Locator Magnetic Coil Offset: 20 cm (7.9 in.) 2. Natural Gamma 2.2 x 10.2 cm (0.875 x 4.0 in.) NAI Scintillation Offset: 114.3 cm (45 in.) | Length: 118.9 cm (52.75 in.) Temperature: 85 C (185 F) Diameter: 41 mm (1.625 in.) Pressure: 281 kg/cm ² (4000 PSI) Weight: 7.46 kg (20 lb.) Logging Speed: 9 m/min. (30 ft./min.) Tool Voltage Required: 36 VDC | |

Sensor Response Ranges

| Sensor | Response Limits | Accuracy |
|-----------------------------|-----------------------|----------|
| Natural Gamma (NG) | 0 - 400,000 API units | +/-5% |
| Casing Collar Locator (CCL) | 0 - 100,000 CPS | +/-5% |

Tool Information

| Item | Model # | Part # |
|----------------------|---------|---------|
| Tool with NG and CCL | 9053 | 340500B |