

GTC-10

1 11/16" Gamma Ray\Temperature\CCL Tool

Description

The DSS 1 11/16" Is a multi purpose pulse Tool (GTC). It includes a platinum RTD (Resistance Temperature Detector) which provides high resolution data with fast temperature response. This tool also includes a Sodium Iodide scintillation crystal and photomultiplier tube which demonstrate high sensitivity and resolution. The last device in this tool is a magnetic casing collar locator

Applications

- Borehole fluid temperature
- Depth correlation.
- Combine two services in one run.

Features

- Rated for high-temperature and high-pressure environments.
- Open basket design, through which fluid can easily flow for accurate measurement.
- CCL outputs a line shake signal to the surface.
- Temperature tool outputs positive pulses calibrated to 20 counts/°C.
- Gamma Ray tool outputs negative pulses of actual Gamma Ray detector.
- Gamma-Ray maximum output of 5000 counts
- Compatible with most surface systems.
- Designed to make pulse conflicts impossible.
- Electronic design verified for 1 hour operation at 415°F to ensure reliability.
- H2S resistant materials.

Specifications

Tool Operating Voltage	100-150 VDC	Tool Length (make-up)	135.25 cm (53.25 in)
Tool Operating Current	25-35 mA	Tool Length (shipping)	136.83 cm (53.87 in)
Output Pulses Amplitude	Pos. & Neg. ~10 VDC	Tool Weight	9.5 Kg (21.0 Lb)
Output Pulses Width	25 µS, 0 to 5000 Count	Gamma Ray Point from Top of Tool	52.1 cm (20.5 in)
Max. Pressure	172.4 Mpa (25,000 PSI)	CCL Point from Top of Tool	22.86 cm (9.0 in)
Max. Temperature	204°C (400°F)	Borehole Fluids	Oil - Fresh Water - Brine
Tool Diameter - OD	42.85 mm(1 11/16 in)	Top End Connector	Contact Socket Go Female



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