

GTC-11

1 11/16" Gamma Ray\Temperature\CCL Tool with Negative Feed Through

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 tool has a magnetic casing collar locator. The tool also has a standard GO connector on the bottom and when a negative voltage is applied at the cable head, the negative voltage is routed directly to bottom connector. This function allows a noise tool to be used at the bottom.

Applications

- Borehole fluid temperature
- Depth correlation.
- Combine two services in one run.
- Noise logging when a noise tool is attached.

Features

- Rated for high-temperature and high-pressure environments.
- Inline temperature probe.
- 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 has a maximum output of 5000 counts.
- Can be used with a negative powered noise tool attached to the bottom connector.
- When a negative voltage is applied at the cable head, the negative voltage is routed directly to the bottom of the tool.
- 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)	141.4 cm (55.66 in)
Tool Operating Current	50-60 mA	Tool Length (shipping)	150 cm (59.34 in)
Output Pulses Amplitude	Pos. & Neg. ~10 VDC	Tool Weight	10.8 Kg (24.0 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	Any
Tool Diameter - OD	42.85 mm(1 11/16 in)	Top End Connector	Contact Socket Go Female



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