

PRODUCTION LOGGING TOOLS PLT



DESCRIPTION

A simple production logging tools to measure the production profile in the well. The string consists of Gamma-Ray & CCL for accurate depth correlations, spinner to measure the flow, pressure, temperature, capacitance, inductive resistivity, thermal mass flowmeter sensors for fluid typing and production profile.

SPECIFICATIONS

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| PROTOCOL | Hybrid: Memory or SRO |
| DIAMETER | 1.10" (28mm) |
| MAX TEMPERATURE | 300°F (150°C) |
| MAX PRESSURE | 15,000 psi (100 MPa) |
| LENGTH | 4.92 ft (1,500mm) |
| MATERIALS | Titanium |
| WEIGHT | 8.82 lbs (4 kg) |
| PRESSURE MEASUREMENTS | |
| - Accuracy | ± 14.5 psi (0.1 MPa) |
| - Resolution | ± 9.15 psi (0.001 MPa) |
| TEMPERATURE MEASUREMENTSSS | |
| - Accuracy | ± 0.5°F (0.3°C) |
| - Resolution | ± 0.0054°F (0.003°C) |
| CCL MEASUREMENTS | |
| - Maximum Output | 4 mV |
| GAMMA-RAY MEASUREMENTS | |
| - Maximum threshold | 5,000 µ-R/h |
| CAPACITANCE MEASUREMENTS | |
| - Maximum threshold | 80% |
| INDUCTIVE RESISTIVITY MEASUREMENTS | |
| - Maximum Reading | 50 milli-Siemens/m |
| THERMAL MASS FLOW METER MEASUREMENTS | |
| - Heater Power | 1 Watt |
| INCLINOMETER MEASUREMENTS | |
| - Maximum Reading | 180° |
| FLOW MEASUREMENTS / IN-LINE SPINNER | |
| - Max. flow in 5.74 in ID pipe | 300 m ³ /hour |

