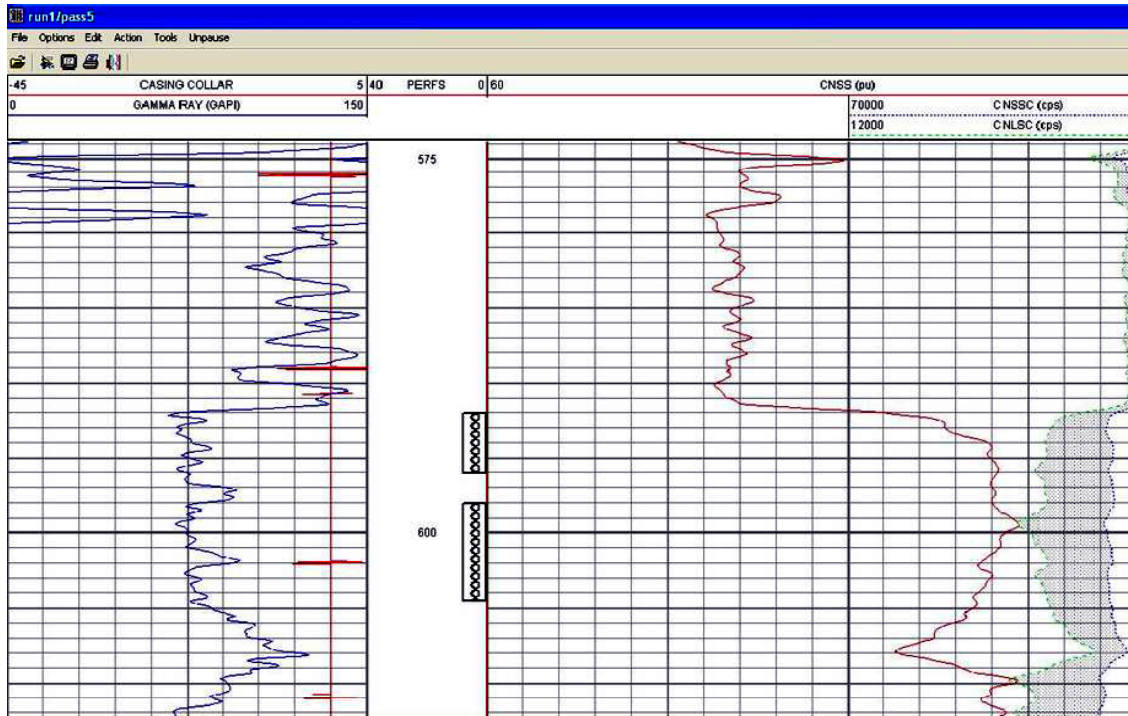


TUCKER COMPENSATED NEUTRON TOOL



The Compensated Neutron Tool emits high energy neutrons into reservoir rock for formation evaluation. The tool provides multiple detectors to measure the amount of hydrogen index (porosity) of the formation. The measurement outputs of the CNT are CCL, Gamma Ray, near Neutron, far Neutron, Internal Temperature.

SPECIFICATIONS

Dimensions and Weight:

- **Diameter:** 42.86 m
- **Telemetry length:** 1.43 m
- **Neutron length:** 1.41 m
- **Overall length:** 3.25 m
- **Telemetry weight:** 10 kg
- **Neutron weight:** 9.09 kg
- **Overall weight:** 21.36 kg

Borehole Characteristics:

- **Borehole Fluids:** Oil, Fresh and Salt water
- **Tool Positioning:** Eccentralized and may be run centralized in combination with the slimline or multiplex Radial bond Tools

Environmental:

- **Maximum Temperature:** 200° F
- **Maximum Pressure:** 20000 psi

Detection:

- **Detector:** He3
- **Source Strength:** 18-20 Ci AmBe