



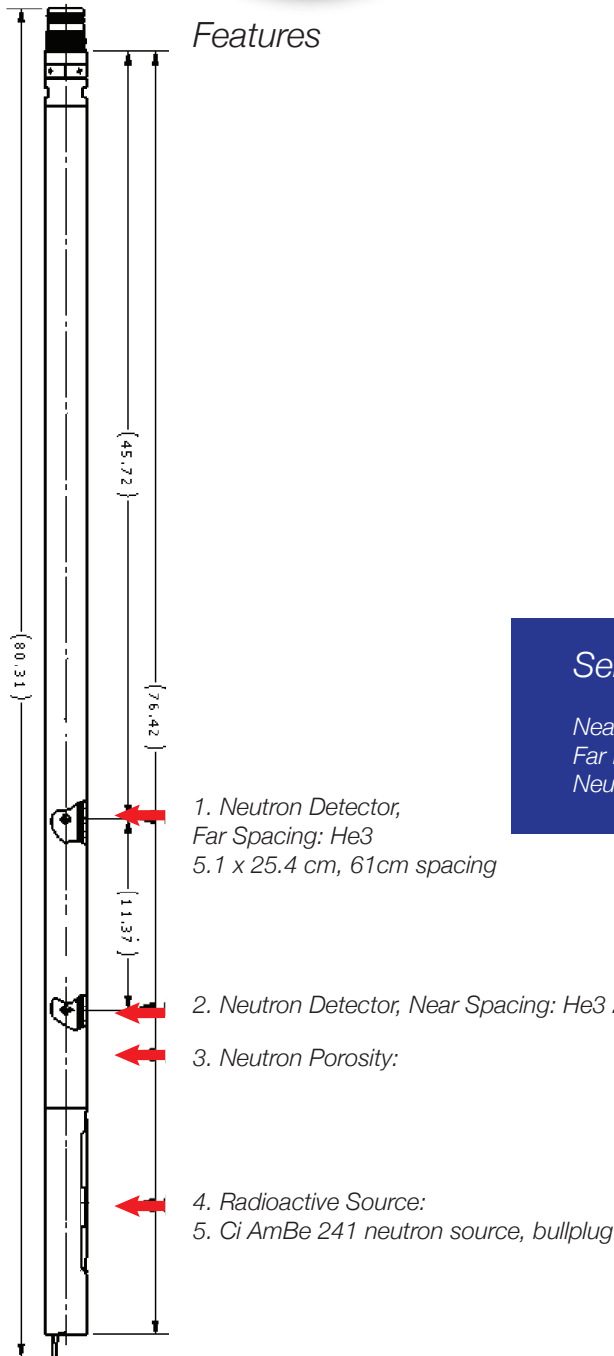
5.2 4175 Stack Series Neutron Detector Tool Subassembly

This tool sub of the 4000 Stack Tools Series records the neutron porosity of the formation, short and long neutron counts. It must be used with the 4000 Stack Gamma Ray Tool Sub, which provides the needed telemetry. It is compatible with the 4239 Stack Density Tool Sub.

Tool Specifications

Length: 194.1cm
 Temperature: 85°C
 Diameter: 6.35cm
 Pressure: 232kg/cc
 Weight: 28.8kg
 Logging Speed: 9m/min.

Features



Sensor	Response Limits	Accuracy
Near Neutron CPS	0 to 20,000	+/-5% cps
Far Neutron CPS	0 to 5000	+/-5% cps
Neutron Porosity	-10 to 100% porosity	+/-2% to 60%