



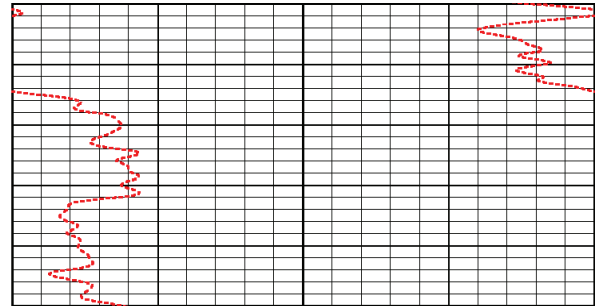
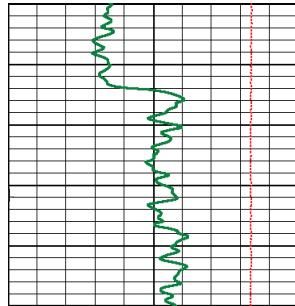
Better understanding your formation through casing can help further optimize your completion model. Allied-Horizontal Wireline provides the experience and technology to help determine the porosity and presence of gas using the Compensated Neutron Logging tool.

The Compensated Neutron tool uses dual, high-temperature, ruggedized He3 thermal neutron detectors to measure formation porosity through casing and cement.

Analysis of this porosity can help:

- Identify lithology and detect gas
- Identify shale volume
- Provide input for water saturation calculations

When combined with a gamma ray and dual receiver or RadII™ cement bond tool, the data is multi-plexed with the Gamma Ray, CCL, and CBL data in a single pass in the well. The tool may also be run with the Gamma Ray/CCL Tool alone.





Specifications	
Diameter	2.75 in. (6.90 cm)
Length	68 in. (1.72 m)
Weight	60 lb. (27.2 kg)
Operating Voltage	130 VDC
Operating Current	45 mA. DC
Maximum Pressure	20,000 psi (137.9 MPa)
Maximum Temperature	350 °F (177 °C)
Mechanical	
Top Connection	6 pin Probe type
Bottom Connection	Single pin GOI Blank

Specifications courtesy of Probe Technology Services, Inc.



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