

NSITE

NEWSCO AZIMUTHAL GAMMA TOOL



OVERVIEW

NEWSCO's NSITE Azimuthal Gamma Tool combines best-in-class CBG azimuthal gamma technology with NEWSCO's rugged and adjustable pressure housing. NSITE enables you to maximize your production and minimize your costs by providing focused details of the stratigraphic location in formations that can be correlated to the MWD tool face.

NSITE features a 67° "window" that is machined along the length of a tungsten shield that surrounds the crystal/photomultiplier tube detector. Only gamma ray entering from the formation through this window can be detected, and when aligned with the tool face, NSITE indicates the direction from which gamma ray energies originate.

NSITE is also fully configurable to provide you with 4 sector real time imaging, or 16 sectors in memory. The tool is fully retrievable and operable up to 350°F

EXTREMELY PRACTICAL AND RELIABLE

NSITE's simple yet reliable design allows field operators to easily high side the "window" on location in a matter of minutes. No disassemble required. Furthermore, the tool uses NEWSCO's proprietary rotary connectors designed specifically to withstand the extreme conditions of high temperature, high pressure, and high vibrations found down-hole.

SPECIFICATIONS

Imaging: 4 Sectors Real Time and 16 Sectors in Memory

Sensitivity: .52 CPS/API

Front/Back Ratio (Barium-133): 14:1

Front/Back Ratio (Cesium-137): 2.72:1

Vibration (3 Axis) 50-1000Hz: 30G (20G RMS)

Shock (3 Axis): 1000G, 0.5ms, half sine

Max. Operating Pressure : 20,000 psi

Max. Operating Temperature: 0° to 350°F

Wireline Retrievable / Re-Seatable: Yes

Tool Outside Diameter: 1.88"

Overall Length of Tool: 52.25"

Adjustable Housing Accuracy: ± 15° (from Highside/Desired Setting)

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