

Features

6. SP

1. Natural gamma

4.2 9057 Neutron Tool

The Multi-Parameter E-Log, Neutron logging tool was developed to replace the 9055 which was historically Century s most popular tool. The tool duplicates all parameters on the 9055 while adding the 16" normal, 64" normal and lateral resistivities. The 9057 natural gamma circuit features a low dead time and the ability to measure very high count rates making it a favorite for uranium logging. The tool records ten different parameters simultaneously in one pass of the borehole. The ten parameters are natural gamma, spontaneous potential, single point resistance, 16" normal resistivity, 64" normal resistivity, 48". lateral resistivity, neutron-neutron, temperature, delta temperature, slant angle (tilt) and azimuth (bearing).

Tool Specifications

Length: 237 cm Temperature: 80°C Diameter: 53 mm Pressure: 281 kg/cm2 Weight: 15 kg Logging Speed: 9 m/min.

5. 48" lateral resistivity Natural Gamma Inclination

Sensor

Direction

Resistance

Temperature

SP

Neutron API Units

Neutron Porosity

64" Normal Resistivity

16" Normal Resistivity

Lateral Resistivity 48"

3. 16" normal resistivity

2. 64" normal resistivity

7. SPR

9. Slant angle and azimuth

4. Neutron-neutron

8. temperature and delta temperature

Response Limits

0 to 400.000 API units 0 to 45 degrees 0 to 360 degrees 0 to 20,000 -10 to 100% Porosity 0 to 2,000ohms -400 to 400mv 0 to 2,000 ohms 0 to 2,000 ohms 0 to 2,000 ohms 0 to 700C

Accuracy

+/-0.5 degrees +/-2.0 degrees +/- 2% to 60% +/- 10mv

9057 Neutron Exampe Log



