

STATIONARY NOISE TOOL (SNT43S-A)

Nine's Stationary Noise Tool (SNT) is a Pegasus series tool making it combinable with our full range of logging tools. The SNT tool focuses on real-time SRO applications that require sensitive stationary measurements with immediate real-time on-site answers. Our unique real-time software automatically stitches multiple station measurements together to generate a real-time depth based answer product.

From this the operator can quickly identify intervals of interest and if required can easily acquire in-fill stations with closer spacing without any delays or extra data manipulation. This hybrid logging mode is capable of stitching together data from multiple SNT tools in the tool string to further optimize acquisition.

The SNT tool contains a carefully designed set of sensor elements to achieve a wideband frequency response which is highly sensitive from 40Hz and 60kHz. The sensors are sampled with two schemes to obtain optimal resolution in the low frequency (0-4kHz) and high frequency (0-60kHz) tracks. The oil filled sensor section provides efficient acoustic coupling with a unique piston-less thermal expansion compensation system. The SNT tool incorporates a high resolution temperature sensor which is a valuable compliment to the spectral noise measurements.

Application & Features

- Surface ReadOut (SRO) stationary noise log
- Real-time depth log from stations - **Unique in the Industry!**
- Answer product in the field direct from Warrior
- Fully combinable with other Pegasus tools
- Multiple SNT stackable to accelrate acquisition
- Leak Detection
- Crossflow and flow behind pipe evaluation
- Flow profiling combined with PL tools
- Fracture and Matrix Bypass Detection

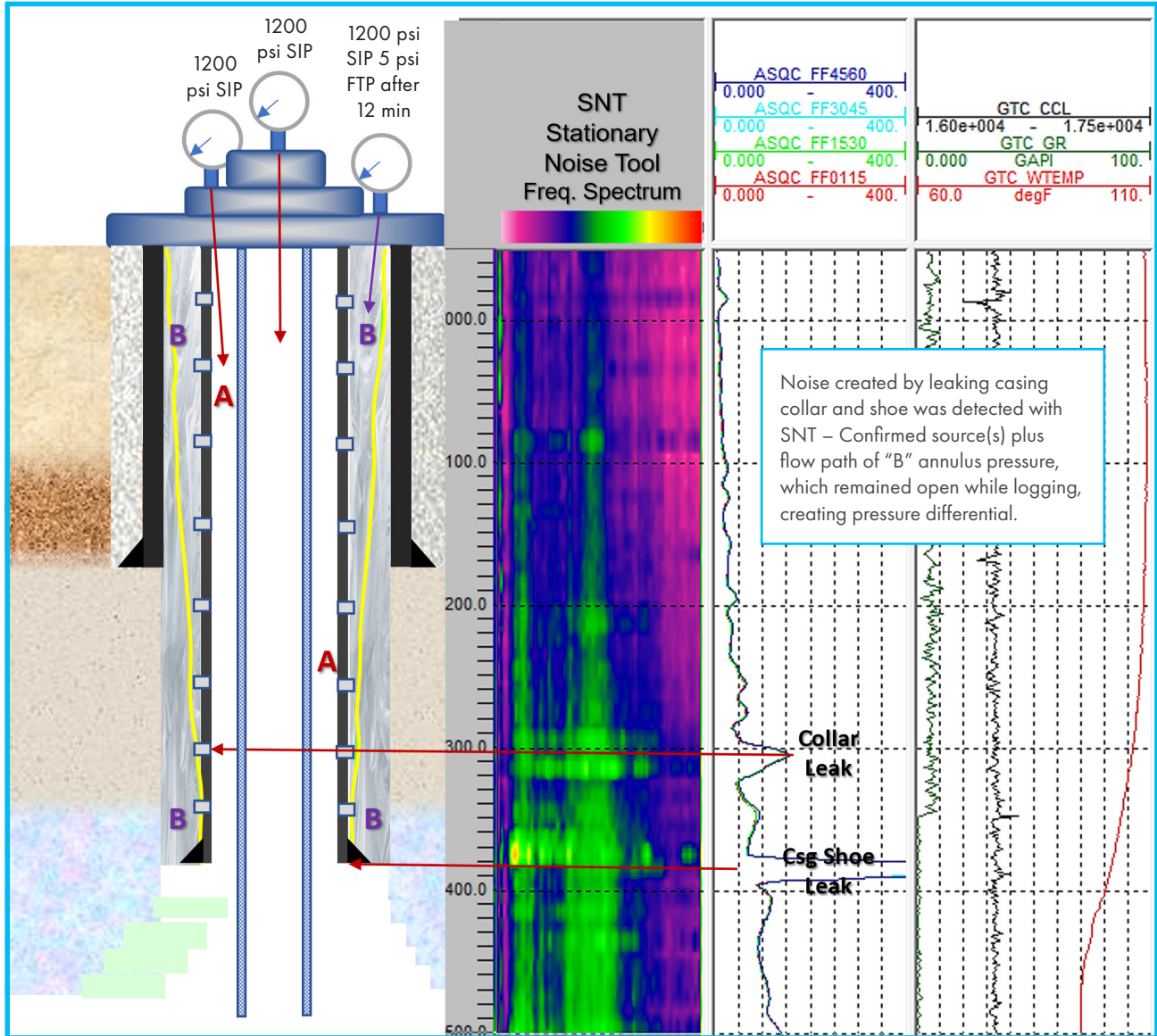
Specifications

GENERAL SPECS	
SNT43S-A	
Temperature/Pressure rating	350°F/20Ksi
Tool OD & Length	1-11/16" OD and 6 feet
Total sensor elements	6
Signal dynamic range	190dB
Logging speed	Stationary
Working frequency	40Hz to 60KHz
Temperature resolution	0.002°C
Temperature accuracy	Less than ±1°C
Logging mode	SRO Hybrid, Time, Depth
Internal Memory abilities	128Gbit



Stationary Noise Tool (SNT) Hyper-Sensitive Broad Spectrum Array

Real-time Surface Readout



For more information, and to find a representative near you, visit nineenergyservice.com