

SLIM SPECTRAL NOISE TOOL SSNT



DESCRIPTION

A unique through barrier diagnostic tool where it records the turbulence flow in the frequency spectrum in the ultrasonic range up to 60 kHz. It is run in memory mode to ensure that no internal electronic noise mask the measurements.

SSNT is the smallest OD of Spectral Noise Tool in the industry which allow the tool to be run in the annulus and through pack-off in the tubing.

When it is combined with temperature and other measurements, extensive quantitative interpretation can be performed

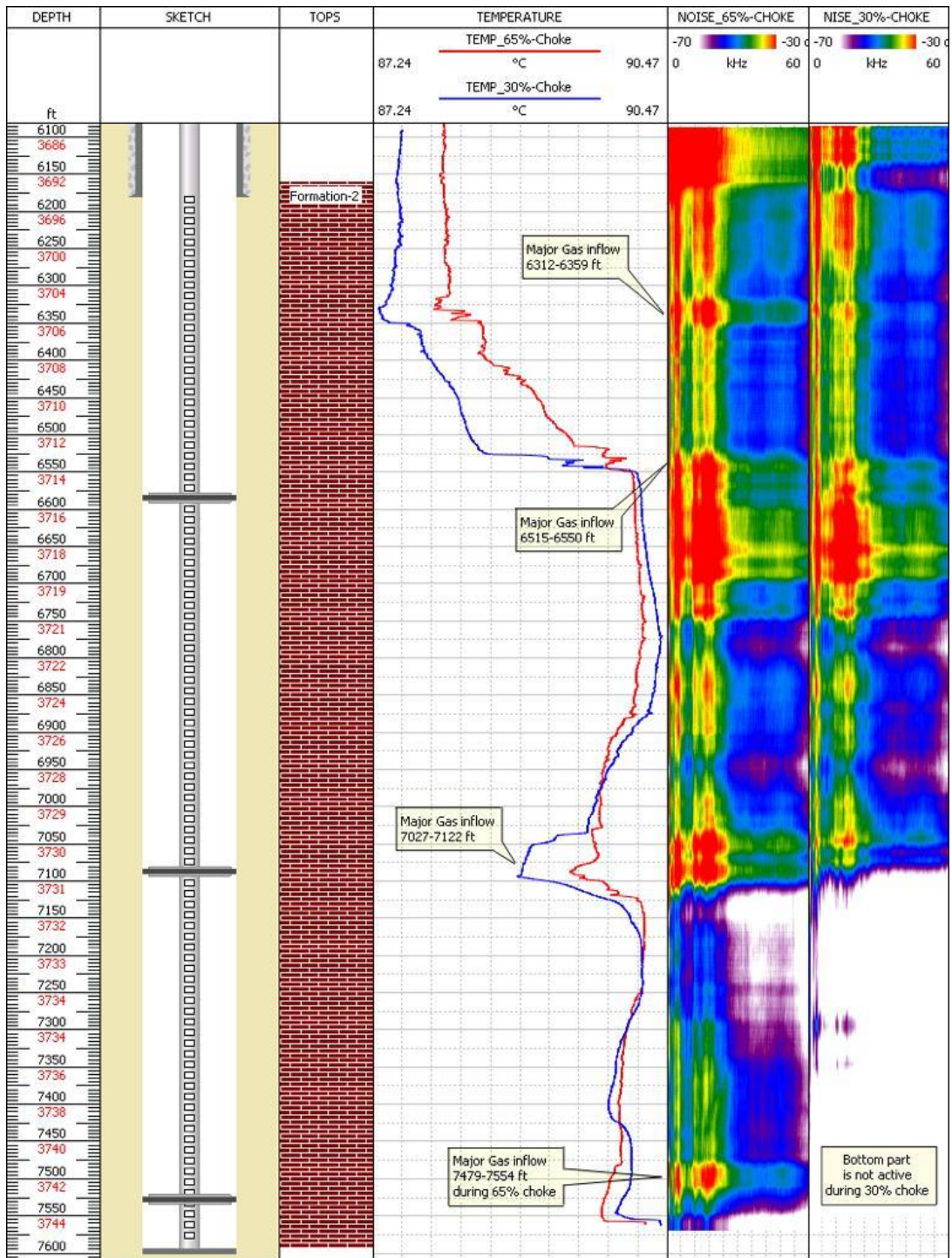
APPLICATIONS

- Active leak detection
- Behind pipe flow detection (channels, backflow)
- Behind pipe flow rate detection
- High water cut analysis
- Sustained annulus pressure analysis
- Cross flow analysis
- Behind pipe flow rate evaluation

SPECIFICATIONS

PROTOCOL	Memory
DIAMETER	1.10" (28mm)
MAX TEMPERATURE	302°F (150°C)
MAX PRESSURE	15,000 psi (100 MPa)
LENGTH	1.86 ft (567mm)
MATERIALS	Titanium
LOGGING MODE	Stationary
WEIGHT	3.30lbs (1.5kg)
OPERATING FREQUENCY	7.8 Hz to 60 kHz
DYNAMIC RANGE	100 dB
HOUSING MATERIAL	Titanium





An example of frequency spectrum up to 60 kHz recorded by SSNT