

PeReEval

Permanent downhole sensors for Active and Passive Reservoir Monitoring Applications.



- ▼ Working temperature up to 150°C (300°F).
- ✓ Independent power supply and telemetry on each level preventing from full breakdown.
- Available for vertical, deviated and horizontal wells.



Technical specifications

PeReEval is a permanent downhole digital tool, for passive continuous micro-seismic acquisition events and active seismic acquisition signals.

Each PeReEval single level includes 3 fixed geophones, with pressure and temperature gauges, and is provided with its own power supply and telemetry.

Up to 24 downhole PeReEval levels per well and up to 10 wells can be successively connected.

Mechanics

Maximum temperature (300°F)

Maximum number of levels

Diameter

Total tool length

150°C continuously

24

on request

on request

Electronics

Cable equalization

Date rates

Sampling rates

Input noise

Gain settings

Dynamic range

Digitalization

1.5 Mbits/s

Fully automatic

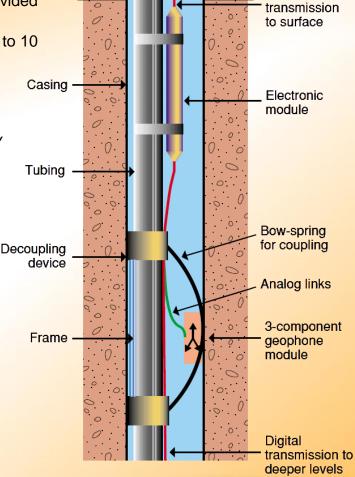
0.25, 0.5, 1, 2 ms

0.1μV rms

12, 24, 36, 48 dB

120 dB

24 bits



Cable for

Sensors

Fixed

