

Memory well logging

[Well logging](#) with [battery-powered](#) downhole logging tool and data recording in downhole memory.

The downhole tool operates autonomously without getting a power from surface and without data communication with the surface.

This requires the tools to be programmed for specific recording cycles (called cyclogram) at surface by field engineer and there will be no communication with tool after [RIH](#).

Once the tool is retrieved from borehole up to the surface, a field engineer connects the tool to desktop computer and download the recorded data.

Usually conveyed with slick-line (for vertical sections), wire-line (without electrical transmissions), coil-tubing (in horizontal and severely inclined wells) and drill-strings (for [surveillance while drilling](#))

See Also

[Petroleum Industry](#) / [Upstream](#) / [Data Acquisition](#) / [Well & Reservoir Surveillance](#) / [Well Logging](#)