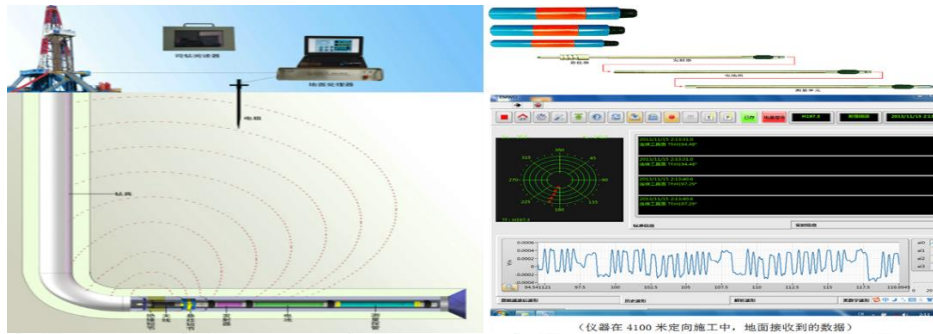


EMWD Measurement Technology

ANTON have wireless EMWD system with electromagnetic wave, which can effectively solve the problem such as wellbore medium interference on transmission of MWD and low transfer rate, significantly shortening drilling cycle, reduce project cost, suitable for different sections within 4000m. It have already been a good choice to replace pulsing type MWD within conventional drilling fluid.



Service Scope:

Suitable for different wellbore conditions, especially downhole situation without drilling mud or with interference on signal by fluid, including all kinds of drilling mud, air drilling, under-balanced drilling and foam drilling.

Technical Features and Advantages:

- Electromagnetic transmission by formation medium, for real-time monitoring on string vibration intensity and bit jumping;
- Adjustable and continuous signal transmission for saving drilling time;
- Compared to conventional MWD, no requirement on lost circulation material; and
- Rotating connection for quick assembly and adjustment and test on site.

Transmission Depth	Formation Adaptability	Anti-vibration
4000 m	1 ~ 2000 $\Omega \cdot m$	200 g

Service Performance:

- Applied to mud, air and foam drilling at Tarim Basin, Si Chuan Oil and Gas fields.
- Be capable of global resources allocation. Personnel and equipment services is available at 24×7.