



THE SDS H.E.M HYBRID MWD

The H.E.M Hydro Electric Modulation Hybrid MWD System is a fast reliable rugged cost effective MWD system that is fully retrievable and re-seat able

The Benefits

Reliability. H.E.M provides clients with all the benefits of running EM MWD without the headaches. No extra BHA requirements. No fluid restrictions. No specialized MWD operator training. Extreme speed and reliability in all formations.

Cost savings. The H.E.M on average saves 14-16 hours of survey time alone every 5 days of drilling on top of that there is no additional BHA, that saves on rig time and trucking costs. No hidden battery costs or annoying post well service costs.

Added Benefits. With H.E.M you will get better more accurate motor performance and output due to less fluid starvation from MWD. Reduced Motor wear from fluid starvation. Better hole cleaning from a constant flow rates. Stabilized differential pressure. Better bit cleaning. Less back pressure to rig pumps (1000kpa pressure reduction). Higher data accuracy, higher LCM tolerance due to speed clearing and PROPRIETARY LCM RESISTANT BOTTOM END.



“The H.E.M MWD has been a refreshing change to the old MWD systems. It has been a cost effective, time saving dependable, high speed, high resolution solution for all our MWD needs”



H.E.M MWD KEY FEATURES

High speed high resolution.

No formation or fluid restrictions.

Down-linkable and fully retrievable.

No additional BHA requirements.

23 second surveys with 4-6 Second tool faces and Gamma.

Added extreme LCM tolerance.

Modular design for for add on modules such as PWD , AT-BIT, Continuous Inc Azimuthal gamma Proprietary patented technology over 8 years drilling time in multiple countries

Bit to directional sensor 10m bit to gamma 11

No added battery costs