



Bench Tree's HPR Integrated MWD/LWD System Helps Gyrodata Drill First Well in Harsh Latin American Environment

THE CHALLENGE

- Gyrodata, one of the world's leading providers of technologies and differentiated services in the energy industry, was contracted to help an operator drill an exploratory well in a harsh environment in Latin America.
- The thick Cretaceous formation is comprised of up to 10% chert, meaning that the drilling operation would most likely experience high vibration and slow slide times.
- To ensure they would complete the well within the timeframe and in the sweet spot, they needed a robust all-in-one formation evaluation tool that would record the most accurate gamma ray, resistivity, and survey measurements possible.

THE SOLUTION

- Gyrodata partnered with the Bench Tree team because of their outstanding record of providing technologies with reliable, accurate data.
- They secured Bench Tree's 4 3/4-in HPR Integrated MWD/LWD system, which combines the high-precision resistivity and short string measurement-while-drilling (MWD) tools, while optimizing the bottomhole assembly to 48 feet for the collar, base tool, and battery sub.
- In addition to providing the HPR Integrated system, Bench Tree provided training to ensure optimal results.

THE BENEFIT

- Gyrodata successfully drilled and completed the exploratory well to plan, from the curve to the kickoff and onward through 500m of the lateral.
- The well, which was the first completed in this area, was drilled in 28 days and seven runs, despite harsh environmental conditions.
- The data from Bench Tree's HPR Integrated solution allowed all parties to receive the necessary information at the surface quickly so appropriate real-time decisions could be made.
- Bench Tree's industry-leading battery life (600 hours on two 8-cell packs) allowed Gyrodata to stay in the hole longer and never trip out to replace batteries.