

NaviTrak UT provides high-density data at high ROP, helps drill intermediate, curve, and lateral in one run

CHALLENGES

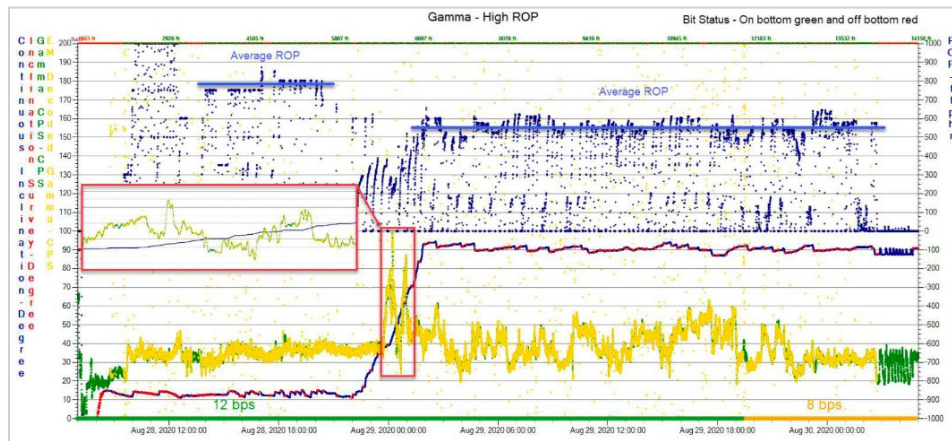
- Provide high-quality gamma ray log while drilling 800 ft/hr in intermediate and 500 ft/hr in lateral
- Capture one gamma point per foot in gamma ray log
- Mitigate rig electrical noise at 2 and 10 Hz

SOLUTION

- Baker Hughes deployed its [NaviTrak™ UT directional and gamma MWD service](#) to provide:
 - Variable electromagnetic (EM) configuration options (8 and 12 Hz) to avoid electrical noise
 - Ease of setup and ability to configure telemetries to a specific drilling application

RESULTS

- Successfully used 12 Hz/12 bps EM configuration to 11,900 ft followed by 8 Hz/8 bps configuration to TD (14,150 ft)
- Decoded EM data at 99% and achieved excellent gamma data density
- Successfully mitigated electrical noise from the rig
- Completed intermediate, curve, and lateral sections in one run



NaviTrak UT software can merge real-time, EDR, and tool log data to perform real-time or post-run analysis.