OVERVIEW
With an ever-increasing drive to reduce costs in today’s challenging drilling environments, the need for accurate and reliable data to address multiple drilling and evaluation applications increases. Whether the need is to ensure optimized drilling through real-time monitoring of pore pressure and wellbore stability, to optimize well placement through the generation of synthetic seismograms to tie back to surface seismic data, or to obtain porosity measurements without the risks associated with nuclear sources, obtaining valid acoustic data for the entirety of the well is essential. The XBAT™ Plus azimuthal sonic and ultrasonic service addresses a wide range of applications, enabling increased understanding of the drilling environment and reservoir properties.

SAFER DRILLING. REAL-TIME DECISIONS.
The XBAT Plus service features an azimuthal 4-pinger ultrasonic caliper that provides a real-time assessment of borehole shape and quality, enabling timely adjustment of drilling fluid properties to maintain wellbore stability. With multiple firing modes and an azimuthal receiver array, azimuthal images can be used to aid geosteering applications, in addition to other formation evaluation applications, such as source-less porosity, gas detection, and input into rock mechanical properties across a wide range of formation types and borehole sizes.

OPTIMIZED DRILLING. ENHANCED WELL PLACEMENT.
The XBAT Plus transmitters provide increased signal strength at both low and high frequencies, delivering enhanced data quality in all formations. The tool’s 24 receivers exhibit high sensitivity across the desired frequency range, minimizing noise impact. New ultrasonic transceivers deliver improved azimuthal caliper in large holes and heavy mud environments, and a 6 GB memory has been added to enable longer runs without compromising data acquisition. Firmware enhancements enable real-time assessment of both top of cement location and cement bond quality, meaning evaluation of the cement operation can be done while running in hole, without the need for a separate wireline cement bond log (CBL) run.

For more information, contact us at sperry@halliburton.com or visit us on the web at www.halliburton.com

SALES OF HALLIBURTON PRODUCTS AND SERVICES WILL BE IN ACCORD SOLELY WITH THE TERMS AND CONDITIONS CONTAINED IN THE CONTRACT BETWEEN HALLIBURTON AND THE CUSTOMER THAT IS APPLICABLE TO THE SALE.