

GeoTap® IDS Fluid Identification and Sampling Service

DELIVERS REAL-TIME RESERVOIR CHARACTERIZATION ON LWD, REDUCING WELL TIME AND COSTS

OVERVIEW

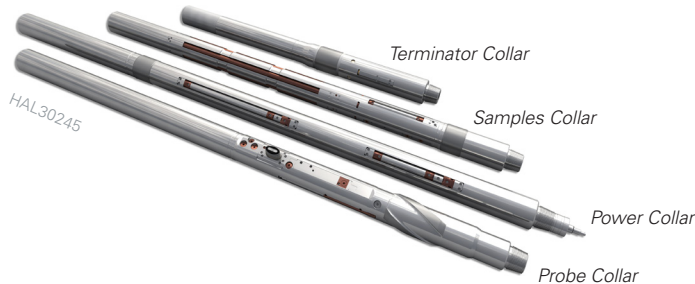
The GeoTap® IDS fluid identification and sampling service from Halliburton Sperry Drilling enables reservoir fluid samples to be collected with logging-while-drilling (LWD) technology. The service acquires and evaluates formation fluid samples quickly and cost-effectively. Operators are able to acquire, recover, and identify multiple samples of uncontaminated formation fluids within hours, rather than days, thus reducing well time and maximizing asset value.

ENHANCE RESERVOIR UNDERSTANDING FOR FAST AND ACCURATE DECISIONS

The GeoTap IDS service provides true formation testing while drilling, minimizing contamination from drilling fluids and reducing pump-out times for clean samples. Valuable data are recovered rapidly, leading to faster and more accurate decision making, such as optimizing wellbore placement to achieve maximum production over the life of the reservoir.

ELIMINATE THE NEED FOR LOW-ANGLE PILOT WELLS

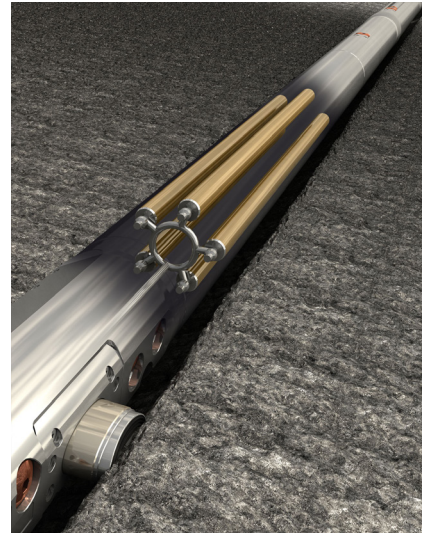
The GeoTap IDS service, combined with additional LWD solutions, eliminates the time and cost associated with drilling low-angle pilot wells. Operators can now reduce their risks and uncertainties by running the GeoTap IDS service in all sections of the well and get real-time pressure testing while drilling and rapid fluid identification and sampling.



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

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An industry first, the GeoTap® IDS fluid identification and sampling service eliminates the need for pilot wells and dedicated wireline trips by obtaining multiple fluid samples in real-time, completing a full package of formation testing while drilling capabilities.

BENEFITS

- » Obtain representative fluid samples for real-time reservoir characterization
- » Reduce risk and uncertainty in complex reservoirs
- » Reduce drilling risks by optimizing mud weight
- » Improve geocorrelation accuracy and geosteering capabilities
- » Provide data within hours, not days, through reduced pump-out time
- » Eliminate the need for pilot low-angle wells, wireline trips, and associated rig time
- » Obtain real-time fluid gradients and fluid mobility (permeability/viscosity indicator)
- » Identify fluid contact points and determine reservoir connectivity/ compartmentalization, and depletion
- » Largest recoverable sample volume in the market: up to 15 liters per run

FEATURES

- » On-demand, real-time identification of reservoir fluid properties
- » Timely downhole capture and surface recovery of multiple fluid samples
- » Increased success of sample integrity
- » Low contamination (<5%) samples obtained within 1 to 4 hours after drilling
- » Identification of fluid density, bubble point, compressibility, temperature, pressure
- » Larger flow area and less sand-face damage with its oval shaped probe
- » Bubble point measurement while pumping
- » Shortest probe distance to bit
- » Harsh Environment (H₂S/CO₂) kit available