

HDDTM Cased Hole Logging – Features and Benefits

HDDTM Cased Hole Density:

“Only RECON” delivers the ability to measure true bulk density through casing.

Benefits of “RECON Only” Cased Hole Density (patent pending)

- Calibration Method renders the Casing “Invisible”
- Deeper depth of investigation of up to 12” is far superior to conventional density tool capability
- Computer Modeled Pseudo-Resistivity for gas/water systems can be derived from the data
- More accurate reservoir calculations
- Identify thinner beds
- Superior Laminated zone identification
- Identifies previously bypassed (invisible to others) “missed”, thin beds.
- Superior data resolution allows for improvement to perforation program and frac efficiency.
- Superior data resolution, without any add-on costs.
- Superior data resolution without any extra rig time requirements
- Deployment Flexibility – Memory, Real time, Wireline, Well Tractor, Coil, or E-Coil deployment capability
- Single run service
- HZ well logging capability

HDDTM Cased Hole CNL/Density/Bond/DT

“Only RECON” delivers through casing Neutron Porosity, Bulk Density porosity (RHOB), Cement Bond, and Sonic Delta T

Benefits Of RECON’s HDDTM Cased Hole CNL/Density/Bond/DT

- Deployment Flexibility – Memory, Real time, Wireline, Well Tractor, Coil, or E-Coil deployment capability
- HZ well logging capability
- Calibration Method renders the Casing “Invisible”
- Numerous Gas Qualifiers – Neutron, Density, LS/SS, Sonic DT
- 360⁰ Radial map, segmented bond log for channel identification
- Computer Modeled Pseudo-Resistivity for gas/water systems can be derived from the data
- Computer Modeled Pseudo Sonic Shear Data for mechanical rock-properties can be derived from the data
- More accurate bed boundary definition, more accurate reservoir calculations
- Identify thinner beds
- Superior Laminated zone identification
- Log Data porosity best match to Cores cut
- More precise porosity values
- Identifies previously bypassed (invisible to others) “missed”, thin beds.
- Identify presence of beds as thin as 1 ½” thick
- Superior data resolution, without any add-on costs
- Bond tool orientation feature for HZ logging applications - identifies high side of a HZ well bore
- Single run service
- Short tool string