RECON

www.reconpetro.com

The New Standard in Log Data Resolution

HDD™ HIGH DEFINITION DATA

HDD™ Open Hole Logging – Features and Benefits

High Resolution Data Every Time:

"Only RECON" delivers High Resolution Open Hole log data at 10 SPF as a minimum standard data sample rate – 250% superior High Resolution Data every time, at standard logging speeds.

High Definition Data HDD™

"Only RECON" delivers Open Hole log data at a 40 SPF **HDD™ High Definition Data** resolution – the most accurate data resolution available.

Benefits of RECON's superior HDD™ Open Hole Data Resolution

- More accurate reservoir calculations – it is a mathematical certainty
- More accurate bed boundary definition
- Thin bed identification – identify the presence of beds as thin as 1 ½"
- Superior Laminated zone identification
- Resolves interpolation between data points
- More precise porosity values. Log data porosity will match to cores cut
- 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

Additional Benefits of RECON's Open Hole Logging Systems

- New Technology design means less electronics down hole – increased reliability
- Short Rigid tool configuration allows for successful high angle conventional well bore logging of up to 69 degrees – the highest in the industry
- Over-body vs inline centralizers – maintains short string profile regardless of configurations
- No decentralizer, bent sub nor knuckle joint requirements – no conflicting tool jewelry to add to bridging risk potential.
- Pad Type Neutron – no bore-hole corrections required, minimal mud effects
- Real Pad Type Micro Log – Micro data is not a computer generated data set derived from an induction tool data set – accurate permeability indicator
- **HDD™** Micro Log delivers the most accurate thin bed resolution
- Down Hole SP – reduces surface environmental influences on SP
- Sonic Full Wave form capture – expands post processing options
- Bore Hole Compensated Sonic Tool converts full wave form data into CBL/VDL bond log capability when inside casing
- X/Y Dual Litho-Density capability for elliptic or rugose holes
- Induction tool has a Laterlog device for the shallow reading for actual "real" near wellbore resistivity measurement for thin bed identification and permeability indicator. RECON's shallow reading is not a computer modeled and derived data set
- Integrated environmental sub for continuous wellbore temperature and R_m fluid resistivity recording
- Independent, incorporated X/Y calipers

- 100% redundant backup tool string on each unit
- Well Site Satellite direct to encrypted internet data transmission capability
- Web link real-time encrypted log data web-based viewing portal
- Tiff, LAS, PDF conversation, transmission and presentation capability
- RECON8R User Friendly Log Viewer program – free download
- Full color presentation
- Complete suite of Petrophysical interpretation and modeling services