

Gordon Technologies'

PRESSURE WHILE DRILLING

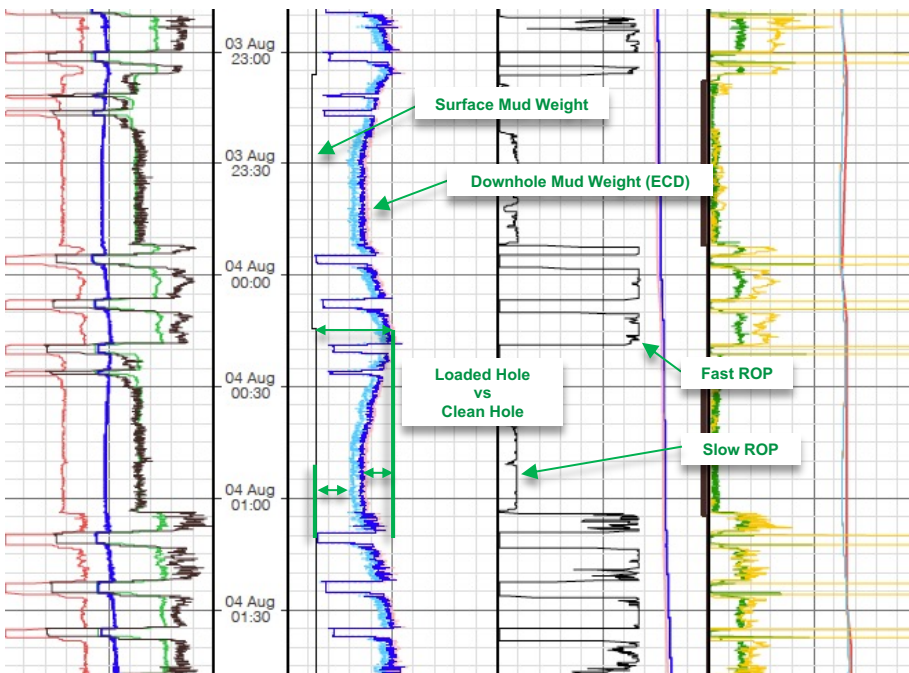
PROVIDES HIGH-QUALITY, REAL-TIME DRILL PIPE AND ANNULAR PRESSURE MEASUREMENTS IN EXTREME DRILLING ENVIRONMENTS

OVERVIEW

Gordon Technologies' 0-20 ksi, 175 C-rated PWD tool is designed to deliver real-time and memory parameters of Annular Pressure (including Max/Min), Drill Pipe Pressure (including Max/Min) and Annular Temperature. Our pressure logs assist operators in diagnosing bit failures, picking up mud motor stalls, and measuring the effects of cuttings on mud weight in hole. When coupled with WOB and Torque Measurements (Track 4), adjustments can be made to drill better wells. Equivalent Circulating Density (ECD) for all pressures are calculated on the surface in real-time providing information about the health of the mud system while drilling.

MEMORY PARAMETERS

- » Annular Pressure
 - Average – 100 Hz averaged over 2 seconds
 - Max./Min. – Over a 2-second period
- » Drill Pipe Pressure
 - Average – 100 Hz averaged over 2 seconds
 - Max./Min. – Over a 2-second period
- » Equivalent Circulating Density (ECD) for all pressures are calculated in real-time



BENEFITS

- Quality Sensor Measurements**
- » High-density, real-time drill pipe and annular pressure measurements in extreme drilling environments
- » High-accuracy, flow-on pressure measurements for calculating ECD's, as well as valuable flow-off data (Formation integrity strength and leak off limitations)

Additional Applications

- » Optimizing motor and drilling performance
- » Monitor cuttings load and removal
- » Better regulate managed pressure systems
- » Mitigate stuck pipe and lost hole risks

Enrich Reservoir Production

- » Increase well production with accurate, real-time measurements regarding the health of the mud system while drilling

For more information, contact us at www.gordontechnologiesllc.com

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