$$\label{eq:second} \begin{split} & (x,y) = (x,y)$$

HYDPRO®

Drilling hydraulics

HYDPRO is a comprehensive drilling hydraulics program that covers all aspects of hydraulics, including mud rheology modeling, pressure drops and flow pattern, surge and swab, equivalent circulation densities (ECD), nozzle selection, cuttings concentration profile, and volumetric displacements. Computational results are shown graphically for quick and easy analysis.

- Fixed or variable flow rate analysis
- Bit optimization
- Surge and swab
- Coiled-tubing
- Multiple wellbore and pipe sizes
- Bingham plastic, power law or Herschel-Buckley fluids
- Model selection based on viscometer readings
 - Pressure drop calculation through wellbore system
 - Flow pattern visualization
 - Cuttings concentration profile
 - Critical flow rate calculation
 - MS Word report

Supports oil field, SI and customized units

Not an event of the interview

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