

DrillFact® Mud Loss/Gain Calculator

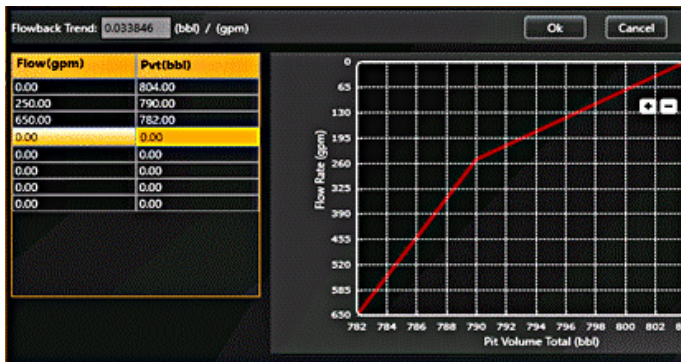
ENHANCED SAFETY MONITORING TO IMPROVE DRILLING EFFICIENCY AND HELP REDUCE WELL TIME

OVERVIEW

The Halliburton DrillFact® mud loss/gain calculator enables operators to automatically measure, trend analyze, and alarm any deviations in fluid containment – delivering safer and more efficient wells. Automated pit monitoring from Halliburton Sperry Drilling provides this data as an integral part of our data base, and enables visualizing the information in an easily understood format on all of the display screens. These services can be provided at the wellsite, in the client's office, or at one of our Halliburton real-time operations centers. Data can be viewed in real time and also presented in a spreadsheet format for further detailed analysis.



The DrillFact® mud loss/gain calculator shows variations in drilling fluid containment in real time.



Flow back trend allows the user to record pit volume Total for a range of flow rates.

For more information, contact your local Halliburton representative or visit us on the web at www.halliburton.com

FEATURES

- » Automatically tracks and monitors the active drilling fluids system for mud losses or gains, giving a complete containment overview with all effects on the fluid system being considered.
- » Accounts for the following factors:
 - Additional hole volume drilled
 - Changes in flow rate
 - Fluid additions to drilling fluid system
 - Transfers in and out of the drilling fluid system
 - Volume of chemical additives to the drilling fluid
 - Fluid loss rate due to oil on cuttings

BENEFITS

- » Allows measurements of all the parameters affecting the active drilling fluid system
- » Gives an overall view of the drilling fluid containment accommodating downhole and surface effects
- » Automated pit monitoring solution that can be run offline over specific time intervals, and also run in real time to monitor ongoing drilling conditions
- » Time ranges can be defined to allow comparisons of historic wells or runs to be able to visually see any containment anomalies
- » Can be used in conjunction with the Connection Flow Monitor and Early Warning System solutions from Halliburton Sperry Drilling

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