

Making real time well decisions via rapid data access and custom LAS log viewing

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Data communications between the wellsite and the office have historically consisted of paper transfer of logs by fax or delivery of graphic image files in hardcopy form. These techniques are seldom timely or of sufficient quality or in an appropriate form for multi-member team-based decisions necessary for critical real-time well drilling decisions.

The North American and now world wide proliferation of the Log Ascii Standard (LAS) as a compact digital log data format and the proliferation of high speed wellsite-to-Officecommunications makes the possibility of making very rapid well drilling decisions finally feasible.

The service company acquiring the data can make the logs available to a world wide accessible network within minutes to hours of logging. The drilling customer can then obtain nearly instant secure access to this data.

Having the digital data this quickly is useless unless software tools exist to allow the drilling company personnel view and interact with the log data in a familiar fashion.

Logs Alive! is an interactive multi-well LAS log data viewing software that allows the user to make timely team based decisions about the fate of each well he drills. With the log data on screen, the user makes the same kinds of interpretations, annotations, and markings done traditionally on paper. In addition, his interpretations and opinions can then easily be shared with other members of his team on his computer intranet or network. This facilitates interpretation, reporting, team interaction, distribution and easy later retrieval and review of these interpretations.