This mud log is a graphical representation of drilling parameters, lithology, and geological observations recorded during the drilling of a well. It is used by geologists, engineers, and drilling personnel to monitor the progress of the well and to identify potential hydrocarbon zones. The log is typically presented as a continuous strip chart, with depth on the vertical axis and various parameters on the horizontal axis. The log may include information on gas ratios, gas units, drilling parameters, cuttings description, sample description, geological description, and comments. The log is also used to correlate with other logs and to make decisions about the drilling operation.

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