



GeoScience

WHAT WE NEED TO PROCESS YOUR LOGS AND WHAT RESULTS YOU WILL RECEIVE

Mud Log / Lithology

The mud log gives a direct description of the rocks and allows us to verify and adjust for inaccuracies. Analysis may be done without it, but results may not be as accurate. A list of formations tops and short lithology descriptions is very useful. It can take the place of a mud log if necessary but is always requested.

NOTE

Remember: If not all the data is available, send what you have.

Logs should be in ASCII, LAS, TXT, LIS, or DLIS format. If you have a question, ASK.

Mud Logs may be in paper, PDF or digital format.

Drilling Log & Bit Record

[ROP, WOB, RPM, Torque vs. Depth, Bit Dull Photos]

By comparing the drilling factor to the lithology we can determine when and why the bit begins to dull and consequently, improve our bit performance in subsequent runs. Bit records and dull photos are used both for quality control and customizing the bit for the field.

Caliper
Gamma Ray
Sonic
Density
Neutron

Results:

1. GeoScience Study
2. Bit Performance Comparison

[Reliable Lithology, porosity based on neutron-density, very good UCS and Grinding Factor accuracy]

Photoelectric (PE)
Resistivity

Results:

1 & 2 Above

[Excellent results: perfect lithology, porosity, UCS, Grinding Factor]

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