Schlumberger

GEOFRAME
PROCESSED
INTERPRETATION

Integrated Wireline Log Well Montage

Processed Results

* A Mark of Schlumberger

Using the following logs: CMR*, TLD*, CNT*
ECS*, NGT*
FMI*, AIT*

COMPANY: Kleinfelder
WELL: R-28
FIELD: LANL Characterization and Monitoring Wells
COUNTY: Los Alamos
STATE: New Mexico
COUNTRY: U.S.
Date Logged: 10-Dec-2003 Date Processed: Dec-2003
Well Location: Easting: 1,036,357 ft.; Northing: 1,768,450 ft.
Mortendad Canyon, LANL TA-5
Elevations: KB: 6761.00 ft DF: 6760.00 ft GL: 6756.00 ft
API Number: Job Number:

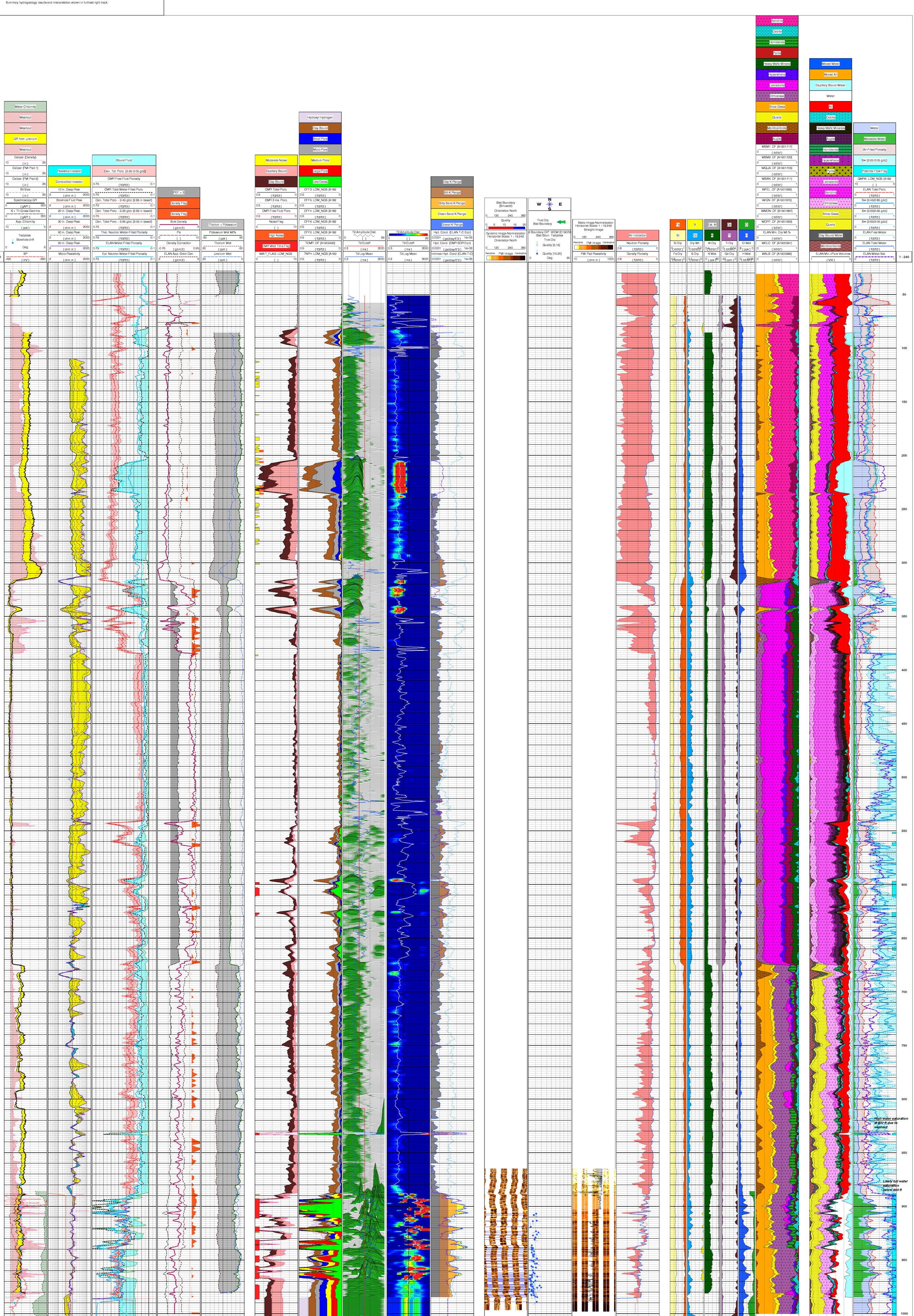
FOLD HERE The well name, location, borehole reference data were furnished by the customer.

All interpretations are opinions based on inferences from electrical or other measurements and we cannot, and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages or expenses incurred or sustained by anyone resulting from any interpretations made by any of our officers, agents or employees. These interpretations are also subject to Clause 4 of our General Terms and Conditions as set out in our current Price Schedule.

Field Recording:	Location: Farmington	Software Version: 11C0-305	Engineer:	M. Sobkowicz & A.
Office Recording:	ICS Center: SWS Sacramento	Baseline:	Log Analyst:	N. Clayton

Mud and Borehole Measurements:

Rm @ Measured temperature: 36.071 ohm.m@ 70 degF	BHT: 70.0 degF	Bitsize: 12.2 in
Rmf @ Measured temperature: 27.050 ohm.m@ 70 degF	Type Fluid in Hole	Air & Produced Water
Rmc @ Measured temperature: 54.110 ohm.m@ 70 degF	Mud Density: 8.34 lbm/gal	

Remarks:

AIT-NGT tool run is primary depth reference. Gross gamma ray log used as depth correlation.
Borehole filled with water/mud below 890 ft. at time of logging.
ELAN* integrated log analysis performed without porosity or water saturation constraints.
Summary hydrogeology results and interpretation shown in furthest right track.