ODP Leg 143 - Hole 866A

The following figure shows the main logs recorded in Hole 866A during ODP Leg 143.
All the data displayed can be downloaded from the ODP logging database:

http://brg.ldeo.columbia.edu/data/odp/leg143/866A

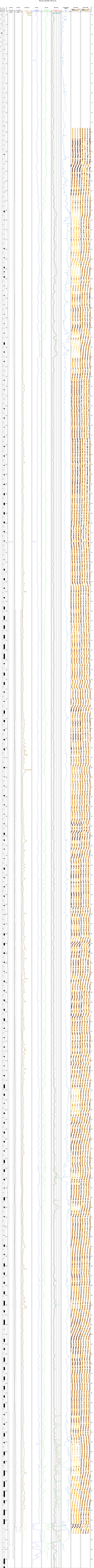
The figure was generated automatically, including the the estimation of ranges used for the data, and regardless of their quality. To get a more complete assessment of the quality of the data and a description of the processing, check the processing documentation:

http://brg.ldeo.columbia.edu/data/odp/leg143/866A/documents/143-866A_info-std.html

The logs displayed are the main data recorded by each of the tools deployed.
The gamma ray curves were aquired with each tool deployment and were used to match depth across all tools and passes.

The resistivity curves show the measurements made by the DIT at several depths of investigation (shallow, deep,...) during the longest pass.

The labels for each curve are derived from the name of the file in the database used for the figure.


Depth
Gamma Ray
Caliper
Bit Size
Resistivity
Deep
Medium
Shallow
Density
Porosity
Neutron Porosity
Sonic
Porosity
Lithology
Sandstone
Dolomite
Limestone
Coal
Anhydrite
Salt
Casing
Shows
Oil
Gas
Water
Core Porosity
Oil
Water
Gas
Formation Tops
Formation
Lithology
Description
Drilling Rate of Penetration
Mud Type
Mud Density
Viscosity
Formation Pressure
Fracture Pressure
Flow Rate
Weight on Bit
Rotary Speed
Hole Deviation
Inclination
Hole Azimuth
Surface Torque
Total Gas
Ethane
Propane
Isobutane
Butane
Isopentane
Pentane
Chloride Content
Hydrogen Sulfide
Carbon Dioxide
Depth
Mechanical Properties
Compressional Velocity
Shear Velocity
Stoneley Velocity
Reflection Coefficient
Stress Profile
Minimum Horizontal Stress
Maximum Horizontal Stress
Vertical Stress
Pore Pressure
Dynamic Elastic Properties
Young's Modulus
Poisson's Ratio
Bulk Modulus
Acoustic Impedance
Shear Impedance
Compressional Slowness
Shear Slowness
Stoneley Slowness
Porosity
Total Porosity
Effective Porosity
Clay Volume
Quartz Volume
Calcite Volume
Dolomite Volume
Anhydrite Volume
Pyrite Volume
Kerogen Volume
Bitumen Volume
Water Volume
Gas Volume
Oil Volume
Permeability
Horizontal Permeability
Vertical Permeability
Anisotropy
Water Saturation
Irreducible Water Saturation
Residual Oil Saturation
Movable Oil Saturation
Bulk Density
Matrix Density
Fluid Density
Grain Density
Pore Volume
Formation Factor
Cementation Factor
Saturation Exponent
Tortuosity
Resistivity Index
Water Resistivity
Mud Resistivity
Formation Resistivity
Resistivity Anisotropy
Spontaneous Potential
Natural Gamma Ray
Thorium
Potassium
Uranium
Photoelectric Factor
Neutron Capture Cross Section
Neutron Porosity
Density Correction
Caliper
Bit Size
Mud Weight
Mud Temperature
Mud Resistivity
Mud Filtrate Resistivity
Mud Cake Thickness
Mud Cake Resistivity
Mud Cake Porosity
Mud Cake Permeability
Mud Cake Density
Mud Cake Compressibility
Mud Cake Shear Modulus
Mud Cake Poisson's Ratio
Mud Cake Young's Modulus
Mud Cake Bulk Modulus
Mud Cake Acoustic Impedance
Mud Cake Shear Impedance
Mud Cake Compressional Slowness
Mud Cake Shear Slowness
Mud Cake Stoneley Slowness
Mud Cake Reflection Coefficient
Mud Cake Stress Profile
Mud Cake Minimum Horizontal Stress
Mud Cake Maximum Horizontal Stress
Mud Cake Vertical Stress
Mud Cake Pore Pressure
Mud Cake Dynamic Elastic Properties
Mud Cake Young's Modulus
Mud Cake Poisson's Ratio