IODP Expedition 340T - Hole U1309D

The following figures show the main logs recorded in Hole U1309D during IODP Expedition 340T. All the data displayed can be downloaded from the IODP logging database:

http://brg.ldeo.columbia.edu/data/iodp-usio/exp340T/U1309D

The figures were generated automatically, including 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/iodp-usio/exp340T/U1309D/documents/340T-U1309D_info-std-wireline.h

Each measurement was recorded during several passes, acquired while lowering the tool string down the hole or while pulling it uphole.

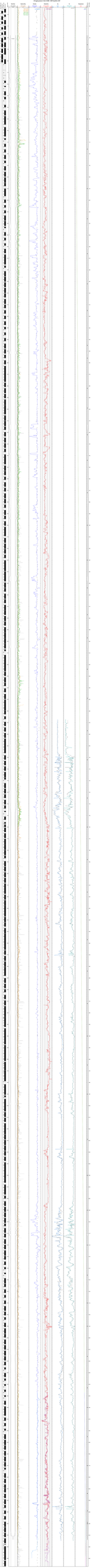
The first figure displays the data over the longest pass for each type of measurement. In this figure, the resistivity curves show the measurements made by the HRLA at several depths of investigation (shallow, deep,...) during the longest pass.

The second figure combines all the data from all passes for each measurement. The resistivity curves in this figure are for the deepest depth of investigation available from the tool(s) used.

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

The core data shown were collected from holes at the same site.

Depth Correlation - Gamma Ray - Caliper - Density Porosity - Neutron Porosity - Resistivity - Temperature - Sonic Porosity


Depth
Gamma Ray
Caliper
Bit Size
Density Correction
Neutron Porosity
Density
Photoelectric Factor
Resistivity
Deep
Medium
Shallow
Microresistivity
Delta T
Compressional
Shear
Stoneley
Transit Time
Gas Ratio
Methane
Ethane
Propane
Butane
Pentane
Hexane
Heptane
Octane
Nonane
Decane
Total Gas
Formation
Lithology
Porosity
Permeability
Water Saturation
Hydrocarbon Saturation
Bulk Volume Water
Bulk Volume Hydrocarbon
Grain Density
Porosity Log Header
Calculation Parameters
Matrix
Fluid
Hydrocarbon Density
Water Density
Salinity
Hydrocarbon Type
Gas Gravity
Gas Oil Ratio
Oil Gravity
Water Resistivity
Temperature Gradient
Surface Temperature
Bottom Hole Temperature
Pressure Data
Gradient
Type
Comments
Interpretation
Depth Shift
Cumulative Depth Shift
Quality Control
Comments
Formation Top
Depth
Description
Comments
Core Data
Depth
Recovery
Description
Comments
Core Photo
Image
Comments
Drilling Parameters
Depth
Weight on Bit
Rotary Speed
Torque
Pump Pressure
Flow Rate
Mud Weight
Mud Type
Comments
Mud Log
Depth
Lithology
Shows
Comments
Comments
Depth
Comments
Comments
Depth
Comments
Comments
Depth