Basker-3

COMPLEX LITHOLOGY MODEL

Well Name	Basker-3
Field	Basker
Location	Vic/P39
Rig	Ocean Monarch
Spud Date	28/08/2010
Completion Date	10/09/2010
Total Depth (m)	3000
Water Depth (m)	1
Kelly Bushing (m)	25.5
Ground Level (m)	23.5
Logging Company	Schlumberger
Logging Date	10/09/2010
Logged Interval (m)	2000 - 3000
Casing Shoe (m)	2000
Casing Shoe (TVD m)	1999.9
Drilling Fluid Type	Synthetic
Drilling Fluid Density (ppg)	9.5 - 10.0
Drilling Fluid pH	9.0 - 10.0
Drilling Fluid Viscosity (cP)	15 - 25
Drilling Fluid Chlorides (mg/L)	25000 - 35000
Max Deviation (°)	0.5
Max Deviation Depth (m)	2000
Max Dogleg (°/30m)	0.5
Max Dogleg Depth (m)	2000
Max Gas (units)	0.0
Max Gas Depth (m)	2000
Max Temp (°C)	25
Max Temp Depth (m)	2000
Last Formation	Latrobe
Last Formation Depth (m)	1999.9
Last Formation Age	Eocene
Last Formation Lithology	Sandstone
Last Formation Fluid	Gas
Last Formation Pressure (psi)	4.0 - 5.0
Last Formation Temperature (°C)	25
Last Formation Gradient (psi/100ft)	0.0 - 0.1

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LITHOLOGY

Sandstone | Shale | Coal | Limestone | Volcanics | Cement | Tuff | Conglomerate

LOG DESCRIPTION

Track	Description
Depth	Depth (m)
Lithology	Lithology Interpretation (Complex Lithology)
Gamma Ray	Gamma Ray (API) - Green, Black, Red
Caliper	Caliper (inches) - Red, Blue, Green
Bit Size	Bit Size (inches) - Blue
Resistivity	Resistivity (ohm.m) - Red, Blue, Green, Magenta
Density	Density (g/cc) - Red, Blue, Green
Neutron Porosity	Neutron Porosity (v/v) - Red, Blue, Green
Sonic	Sonic (us/ft) - Red, Blue, Green
Mud Gas	Mud Gas (units) - Red, Blue, Green
Mud Weight	Mud Weight (ppg) - Red, Blue, Green
Drilling Rate	Drilling Rate (m/hr) - Red, Blue, Green
Drilling Mechanics	Drilling Mechanics - Weight on Bit (klbs) - Red, Blue, Green
	Drilling Mechanics - Torque (kNm) - Red, Blue, Green
	Drilling Mechanics - Rotary Speed (rpm) - Red, Blue, Green
Mud Log	Mud Log Description - Lithology
	Mud Log Description - Fluorescence
	Mud Log Description - Cut
	Mud Log Description - Residual Cut
	Mud Log Description - Total Cut
	Mud Log Description - Cut Colour
	Mud Log Description - Residual Cut Colour
	Mud Log Description - Total Cut Colour
	Mud Log Description - Cut Cut Colour
	Mud Log Description - Cut Cut Colour
	Mud Log Description - Cut