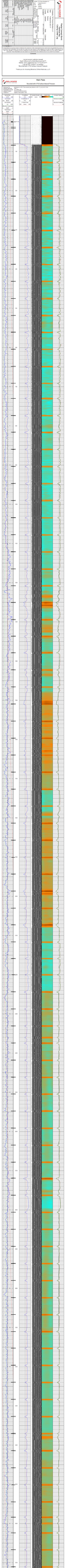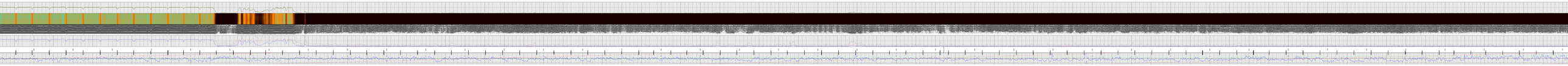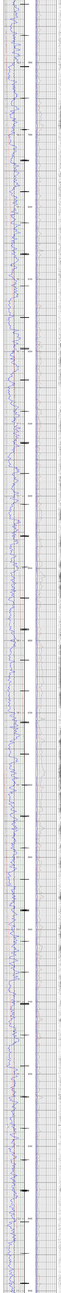
Gamma Ray (API)
Caliper (in)
Bit Size (in)
Resistivity (ohm.m)
Deep Resistivity (ohm.m)
Medium Resistivity (ohm.m)
Shallow Resistivity (ohm.m)
Density (g/cm3)
Neutron Porosity (dec)
Photoelectric Factor (b/e)
Delta Rho (g/cm3)
Neutron Porosity (dec)
Density Porosity (dec)
Average Density (g/cm3)
Average Neutron Porosity (dec)
Delta Phi (dec)
Hydrocarbon Density (g/cm3)
Apparent Grain Density (g/cm3)
Rhomaa (g/cm3)
Umaa (b/e)
Pe
Quartz
Calcite
Dolomite
Illite
Chlorite
Kaolinite
Anhydrite
Gypsum
Salt
Coal
Pyrite
Barite
Siderite
Fluid Type
Gas
Oil
Water
Mud
Lithology
Sandstone
Limestone
Dolomite
Shale
Coal
Anhydrite
Salt
Gypsum
Volcanic
Basement
Fluid Density (g/cm3)
Fluid Sat (dec)
Porosity (dec)
Total Porosity (dec)
Effective Porosity (dec)
Shale Volume (dec)
Clay Volume (dec)
Water Saturation (dec)
Hydrocarbon Saturation (dec)
Movable Hydrocarbon (dec)
Bulk Volume Water (dec)
Bulk Volume Hydrocarbon (dec)
Permeability (mD)
Flushed Zone Saturation (dec)
Residual Hydrocarbon Saturation (dec)
Net Pay Flag
Net Reservoir Flag
Net Gross
Zone Name
Depth (m)
Depth (ft)
Main Pass
Recorded with ESS Mudlogging Software
Company: Oil Search Limited
Well: Elevation: 5.0 m RT (MSL)
Field: Permanent Datum: Mean Sea Level
Location: Ground Elevation: 0.0 m
Province: Kelly Bushing Elevation: 5.0 m
Country: Papua New Guinea
Drilling Contractor: Rig Name:
Spud Date: 10-Jan-2019 Rig Release Date: 11-Feb-2019
Logging Date: 11-Feb-2019 Run Number: 1
Depth Driller: 2,100.0 m Depth Logger: 2,100.0 m
Bottom Log Interval: 2,100.0 m Top Log Interval: 1,000.0 m
Drilling Fluid Type: Water Based Mud
Density: 1.10 g/cm3 Viscosity: 40.0 s
Resistivity: 0.200 ohm.m @ 20.0 °C Filtrate Salinity: 10,000 ppm
Resistivity: 0.200 ohm.m @ 20.0 °C Mud Cake Salinity: 10,000 ppm
Source of Sample: Flowline Rm @ Measured Temperature: 0.200 @ 20.0 °C
Rm @ BHT: 0.200 @ 20.0 °C
Main Pass
Recorded with ESS Mudlogging Software
Gamma Ray (API)
Caliper (in)
Bit Size (in)
Resistivity (ohm.m)
Deep Resistivity (ohm.m)
Medium Resistivity (ohm.m)
Shallow Resistivity (ohm.m)
Density (g/cm3)
Neutron Porosity (dec)
Photoelectric Factor (b/e)
Delta Rho (g/cm3)
Neutron Porosity (dec)
Density Porosity (dec)
Average Density (g/cm3)
Average Neutron Porosity (dec)
Delta Phi (dec)
Hydrocarbon Density (g/cm3)
Apparent Grain Density (g/cm3)
Rhomaa (g/cm3)
Umaa (b/e)
Pe
Quartz
Calcite
Dolomite
Illite
Chlorite
Kaolinite
Anhydrite
Gypsum
Salt
Coal
Pyrite
Barite
Siderite
Fluid Type
Gas
Oil
Water
Mud
Lithology
Sandstone
Limestone
Dolomite
Shale
Coal
Anhydrite
Salt
Gypsum
Volcanic
Basement
Fluid Density (g/cm3)
Fluid Sat (dec)
Porosity (dec)
Total Porosity (dec)
Effective Porosity (dec)
Shale Volume (dec)
Clay Volume (dec)
Water Saturation (dec)
Hydrocarbon Saturation (dec)
Movable Hydrocarbon (dec)
Bulk Volume Water (dec)
Bulk Volume Hydrocarbon (dec)
Permeability (mD)
Flushed Zone Saturation (dec)
Residual Hydrocarbon Saturation (dec)
Net Pay Flag
Net Reservoir Flag
Net Gross
Zone Name
Depth (m)
Depth (ft)