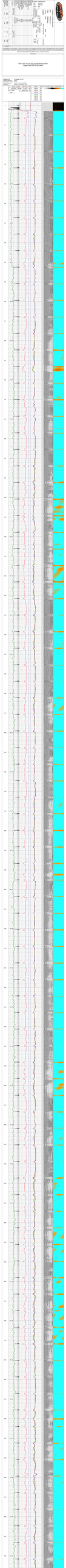

Company: Santos
Well: Moomba 191
Field: Moomba
Location: Cooper Basin
State: South Australia
Country: Australia
Permanent Datum: Ground Level
Elevation: 59.0 m
Log Measured From: Kelly Bushing
Drilling Measured From: Kelly Bushing
Elevation: 72.0 m
Date: 30-Jun-2010
Run Number: ONE
Depth Driller: 2,000.0 m
Depth Logger: 2,000.0 m
Bottom Log Interval: 1,999.0 m
Top Log Interval: 1,000.0 m
Casing Driller: 244.5 mm @ 1,000.0 m
Casing Logger: 244.5 mm @ 1,000.0 m
Bit Size: 311.1 mm
Type Fluid in Hole: Water Based Mud
Density: 1.10 g/cm3
Viscosity: 50.0 s
Fluid Loss: 6.0 cm3/30min
Source of Sample: Flowline
Rm @ Meas Temp: 0.1 @ 25.0 degC
Rmf @ Meas Temp: 0.1 @ 25.0 degC
Rmc @ Meas Temp: 0.1 @ 25.0 degC
Rm @ BHT: 0.1 @ 25.0 degC
Time Since Circulation: 1.0 hr
Max Recorded Temp: 25.0 degC
Equipment: SLS
Recorded By: Schlumberger
Witnessed By: Santos

Run	Service Order	Start Depth	Stop Depth	Bit Size
ONE	10-JUN-0001	1,000.0 m	2,000.0 m	311.1 mm

Tool	Serial Number	OD	Length
HNGS	1234	114.3 mm	12.0 m
DSI	5678	203.2 mm	18.0 m
CMR	9012	127.0 mm	9.0 m
ZDL	3456	114.3 mm	10.0 m
CNL	7890	114.3 mm	8.0 m

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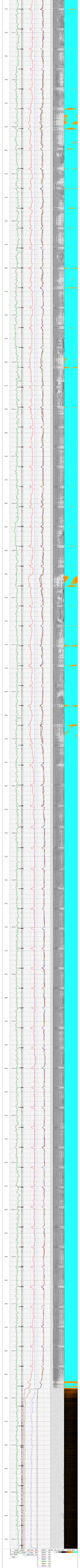
Moomba 191

HNGS Triple Porosity Gamma Ray Resistivity DSI/CMR Dipole Sonic ZDL/CNL Density Neutron

Cooper Basin, South Australia

Curve	Description	Unit
GR	Gamma Ray	API
RT	True Resistivity	ohm.m
RXO	Flushed Zone Resistivity	ohm.m
RHOB	Bulk Density	g/cm3
NPHI	Neutron Porosity	v/v
DT	Compressional Slowness	us/ft
DTS	Shear Slowness	us/ft
PEF	Photoelectric Factor	b/e
CALI	Caliper	mm
DRHO	Density Correction	g/cm3