



## INTEQ LOG SUITE

Drilling Data Plot

Formation Evaluation

Pressure Data Plot

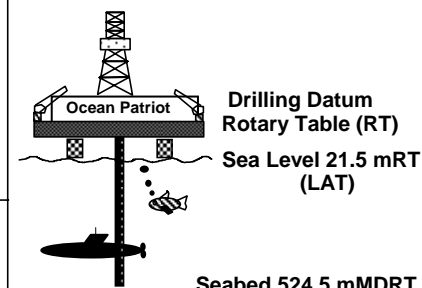
Gas Ratio Plot

## ABBREVIATIONS

NB	New Bit	SG	Swab Gas
RB	Rerun Bit	SVG	Survey Gas
CB	Core Bit	C	Carbide Test
WOB	Weight on Bit	MW	Mud Density sg
RPM	Revs per Minute	V	Funnel Viscosity
FLC	Flow Check	F	Filtrate - API
FLCG	Flow Check Gas	FC	Filter Cake
PR	Poor Returns	PV	Plastic Viscosity
NR	No Returns	YP	Yield Point
LAT	Logged after trip	SOL	Solids %
BG	Background Gas	Sd	Sand %
TG	Trip Gas	Cl	Chlorides
STG	Short trip Gas	RM	Mud Resistivity
CG	Connection Gas	RMF	Filtrate Resistivity
SWG	Swab Gas	TVD	Total Vertical Depth

## LITHOLOGY SYMBOLS

Calcarene	Calcsiltite	Argillaceous Calcsiltite	Calclutite
Dolomitic Calcarene	Dolomitic Calclutite	Argillaceous Calclutite	Volcanic
Siltstone	Calcareous Siltstone	Argillaceous Siltstone	Sandstone
Claystone	Calcareous Claystone	Silty Claystone	Calcareous Sandstone



Jet 762mm Conductor to shoe depth at 569.4 mMDRT

914mm (36") & 444mm (17-1/2") sections was drilled riser-less with SeaWater and PHG/Guar Gum sweep

340mm (13-38") Casing shoe set at 1278.6 mMDRT

311mm Hole to 2912 mMDRT Drilled with 1.25-1.31sg Ultra Drill WBM

311mm (12-1/4") Hole to TD at 2912.0 mMDRT

**Company** Woodside Energy Limited

**Well** Somerset-1

**Permit** T/34P

**Region** Otway Basin

**Designation** Vertical Exploration

**Coordinates** 039° 20' 36.757" S  
142° 44' 56.144" E

**Datum** GDA94 Zone 54

**Spud Date** 19 October 2009

**Spud Depth** 524.5 mMDRT

**RT – Sea Level** 21.5 m above LAT

**Total Depth** 2912.0 mMDRT

**Contractor** Diamond Offshore

**Rig** Ocean Patriot

**Type** Semi-Submersible

## LOG INTERVAL

**Depth** 524.5 – 2912.0 mMDRT

**Date** 19 – 27 October 2009

**Scale** 1:500

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**Loggers** R. Dhanda, P. Kadam, J. Bladen, S. Turnbull

