



# Santos

## INTEQ LOG SUITE

Formation Evaluation  
Drilling Data Plot

### ABBREVIATIONS

NB	New Bit	MD	Measured Depth
RR	Rerun Bit	GPM	Gallons per Min
CB	Core Bit	PP	Pump Pressure
WOB	Weight on Bit	MW	Mud Weight sg
RPM	Revs per Minute	FV	Funnel Viscosity
FLC	Flow Check	F	Filtrate - API
FCG	Flow Check Gas	FC	Filter Cake
PR	Poor Returns	PV	Plastic Viscosity
NR	No Returns	YP	Yield Point
BG	Background Gas	Sol	Solids %
WTG	Wiper Trip Gas	Sd	Sand %
TG	Trip Gas	Cl	Chlorides
POG	Pumps Off Gas	RM	Mud Resistivity
CG	Connection Gas	RMF	Filtrate Resistivity
SWG	Swab Gas	TVD	True Vertical Depth

### LITHOLOGY SYMBOLS



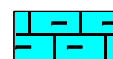
Limestone  
Ls



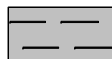
Dolomite  
Dol



Marl  
Mrl



Argillaceous  
Limestone  
Arg Lst



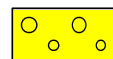
Claystone  
Clyst



Siltstone  
Siltst



Sandstone  
Sst



Conglomerate  
Cgl



Coal  
C



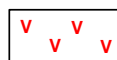
Fossil  
Fragments  
FF



No Returns  
NR



Cement  
Cmt



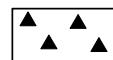
Volcanics  
Volc



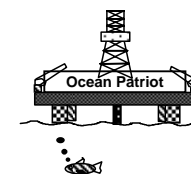
Glauconite  
Glauc



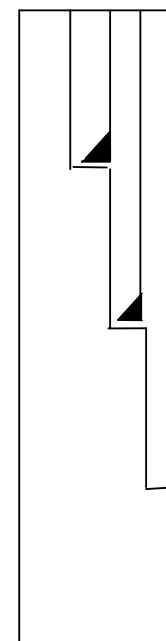
Pyrite  
Pyr



Chert  
Cht



RT- AHD 22.0m  
W Depth 64.0m AHD



Seabed 80.5 mMDRT

Returns to Seafloor  
Seawater and hi-vis sweeps

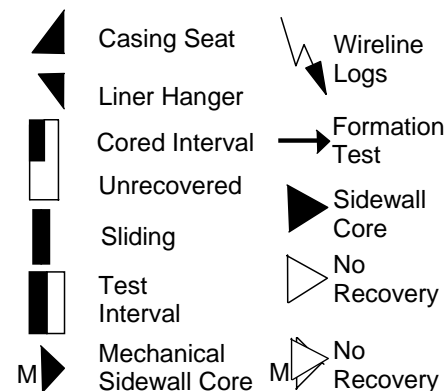
762mm (30") csg set @ 88.0 mMDRT  
914mm (36") hole to 130.9 mMDRT

Returns to Seafloor  
Seawater and hi-vis sweeps

340mm (13-3/8") csg set @ 642.0  
mMDRT  
445mm (17-1/2") hole to 647.0  
mMDRT

Drilling Fluid: Water based  
KGLY 1.12 - 1.30 sg

311mm (12-1/4") hole TD to 1875.0  
mMDRT



Company	Santos Ltd
Well	Nertherby 1
Permit	VIC / P44
Region	Victoria
Designation	Horizontal Gas Development
Coordinates	Lat: 38° 40' 48.62" S Long: 142° 38' 25.75" E
Ref Elevation	RT-MSL 86.9m
Total Depth	1875.0 mMDRT
Contractor	Diamond Offshore Gen. Co.
Rig	Ocean Patriot
Type	Semi-submersible

LOG INTERVAL	
Depth	642.0 to 1875.0 mMDRT
Date	15 - 30 July 2008
Scale	1 : 500
Data Engineers	Larry Pagana , Zulkifli Taib, Erwin Villafranca. Snehal.
Logging Geologists	Masudur Rhaman, Rahul Richharia Bambang Budiarto, Hanzel Vaz
Sample Catchers	David Formaggini, Chris Decoster