



# Santos

## INTEQ

Company	Santos
Well	Amrit 1
Permit	Vic/P52
Region	Offshore Vic, Otway Basin
Designation	New Field Wildcat
Coordinates	038° 56' 05.20" S Lat 141° 44' 07.08" E Long
Ref Elevation	RT 29.0 m above Sealevel MSL
Total Depth	2979mRT
Contractor	Transocean Sedco Forex
Rig	MODU Jack Bates
Type	Semi-Submersible

LOG INTERVAL	
Depth	1425mRT to 2979mRT
Date	20 <sup>th</sup> November – 7 <sup>th</sup> December 2004
Scale	1 : 500
Data Engineers	D. Hatton, S. Phillips, A. MacQueen
Logging Geologists	T. Rukmubroto, A. Hurley T. Khan

### INTEQ LOG SUITE

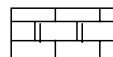
Formation Evaluation  
Drilling Data Plot

Drilling Data Pressure Plot  
Gas Ratio Plot

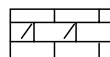
### ABBREVIATIONS

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
CR	Circulate Returns	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	RM	Mud Resistivity
CG	Connection Gas	RMF	Filtrate Resistivity
SG	Swab Gas	TVD	True Vertical Depth

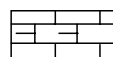
### LITHOLOGY SYMBOLS



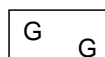
Calcarenite  
Ca



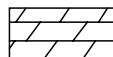
Calcsiltite  
Cs



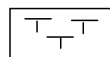
Calcilutite  
Cl



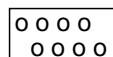
Glauconite  
Glauc



Dolomite  
Dol



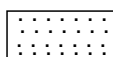
Marl  
Mrl



Conglomerate  
Cgl



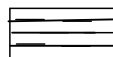
Pyrite  
Pyr



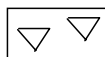
Sandstone  
Sst



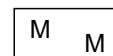
Siltstone  
Slst



Claystone  
Clst



Chert  
Cht



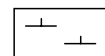
Mica  
Mic



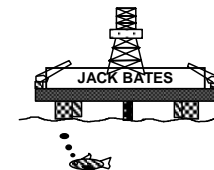
Cement  
Cmt



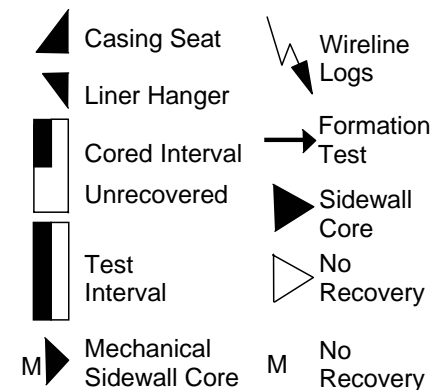
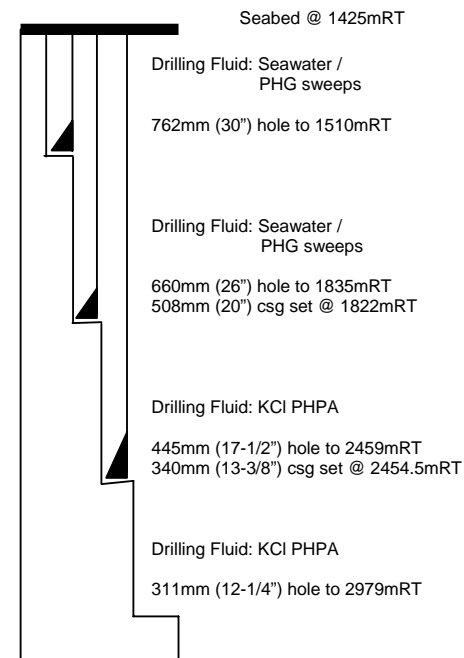
Coal  
C



Calcareous  
Calc



Datum, Rotary Table (RT)  
Sealevel 29.0 mRT (MSL)





INTEQ

Company :Santos  
Well : Amrit-1  
Interval : 1423.00 - 2987.79 meters  
Created : 11/12/2004 7:10:17 AM



FORMATION EVALUATION LOG

Gamma Ray		MD meters	LITHOLOGY %	INTERPRETED LITHOLOGY	RESISTIVITY		CHROMATOGRAPH				DIRECT FLUORESCENCE	CUT FLUORESCENCE	CALC	REMARKS
API					Resistivity (Deep)	Ohm.m	Total Gas (Units)							
WOB (Klbs)					Resistivity (Shallow)	Ohm.m	Methane ppm							
WOB (MT)					CO2		Ethane ppm							
ROP (m/hr)					ppm		Propane ppm							
							iso-Butane ppm							
							n-Butane ppm							
							iso-Pentane ppm							
							n-Pentane ppm							

