



# GAS RATIO LOG

## WELL : CASINO 4DW2



FROM (m): 1050      TO (m): 2420      SCALE: 1/ 500

GENERAL DATA	LOCATION DATA	CASING	FINAL WELL DATA
Client : SANTOS LTD	Latitude : 38°47'13.03"S	762/406mm (30"/16") Shoe (m): 137.4m	MD - Drillers Depth (m): 2404.0
Country : AUSTRALIA	Longitude : 142°41'54.49"E	340mm (13.375") Shoe (m): 727.9m	TVD SS (m): 1764.0
Permit : VIC-P44		244 mm (9.625") Shoe (m): 1990.06	Date Well Spudded : 27-05-2005
Basin : OTWAY			Date TD Reached : 04-06-2005
Well Type : HORIZ. PRODUCTION	RT - MSL (m): 22		Final Status : COMPLETED
Rig Name : OCEAN PATRIOT	Water Depth (m): 70.8		

GAS RATIOS FORMULAE	LITHOLOGY LEGEND	GEOSERVICES CREW
<p>GAS WETNESS RATIO (Wh)</p> <p>GWR = ( C2 + C3 + C4 + C5)/(C1 + C2 + C3 + C4 + C5)*100</p> <p>LIGHT TO HEAVY RATIO (Bh)</p> <p>LHR = (C1 + C2)/(C3 + C4 + C5)</p> <p>OIL CHARACTER QUALIFIER (Ch)</p> <p>OCQ = (C4 + C5)/(C3)</p>	<div><div><div><div><div></div><div>Limestone</div></div><div><div></div><div>Coal</div></div><div><div></div><div>Clay</div></div><div><div></div><div>Siltstone</div></div><div><div></div><div>Med Sandstone</div></div><div><div></div><div>Coarse Sandstone</div></div><div><div></div><div>Fine Sandstone</div></div><div><div></div><div>Marl</div></div></div><div><div><div></div><div>Conglomerate</div></div><div><div></div><div>Calcilutite</div></div><div><div></div><div>Carb. Siltstone</div></div><div><div></div><div>Calc. Siltstone</div></div><div><div></div><div>Pyrite</div></div><div><div></div><div>Siderite</div></div><div><div></div><div>Glauconite</div></div><div><div></div><div>Feldspar</div></div></div><div><div><div>M</div><div>Mica</div></div><div><div>Fe</div><div>Ferrous</div></div><div><div></div><div>Chert</div></div><div><div></div><div>Calcareous</div></div><div><div></div><div>Dolomitic</div></div><div><div></div><div>Carbonaceous</div></div><div><div>L</div><div>Lithoclast</div></div><div><div></div><div>Breccia</div></div></div></div><div>1 unit = 200 ppm methaneequivalent in air</div></div>	<p><b>ALS ENGINEERS</b></p> <p>D. ADDERLEY A. DUNN S. LONG</p> <p><b>MUDLOGGERS</b></p> <p>P. MISQUITTA S. PROSSER</p>

ROP (m/hr)	DEPTH MD (m) TVD (m)	CUTTINGS (%)	CHROMATOLOG (ppm) C1 C2 C3 iC4 nC4 iC5 nC5	OIL CHARACTER QUALIFIER	GAS WETNESS RATIO LIGHT TO HEAVY RATIO
500 50 5 .5	1050		100 1K 10K	.1 1 10 .1	1 10 100
	1060				
	1070				
	(1075)				
26-05-05	1080				
	1090				



















