



# GAS RATIO LOG



WELL : LONGTOM-3H

FROM (m): 4000 TO (m): 4170 SCALE: 1/ 500

GENERAL DATA	LOCATION DATA	CASING	FINAL WELL DATA
Client : NEXUS ENERGY	Latitude : 38°05'34.63"S	762mm (30") Shoe: 110.8m	Total Depth (mMDRT): m
Country : AUSTRALIA	Longitude : 148°18'41.52"E	340mm (13 3/8") Shoe: 995.32m	TVD SS (m): m
Permit : VIC/P54			Date Well Spudded : 02-08-2006
Basin : GIPPSLAND			Date TD Reached : XX-XX-2006
Well Type : APPRAISAL	RT - MSL (m): 21.5		Final Status : ??
Rig Name : OCEAN PATRIOT	Water Depth (m): 56.7		

GAS RATIOS FORMULAE	LITHOLOGY LEGEND	GEOSERVICES CREW																																																
<p><b>GAS WETNESS RATIO (Wh)</b></p> $GWR = (C2 + C3 + C4 + C5) / (C1 + C2 + C3 + C4 + C5) * 100$ <p><b>LIGHT TO HEAVY RATIO (Bh)</b></p> $LHR = (C1 + C2) / (C3 + C4 + C5)$ <p><b>OIL CHARACTER QUALIFIER (Ch)</b></p> $OCQ = (C4 + C5) / (C3)$	<p><b>LITHOLOGY LEGEND</b></p> <table border="0"> <tr> <td></td><td>Claystone</td> <td></td><td>Limestone</td> <td></td><td>Sponges</td> </tr> <tr> <td></td><td>Siltstone</td> <td></td><td>Dolomite</td> <td></td><td>Brachiopoda</td> </tr> <tr> <td></td><td>Shale</td> <td></td><td>Coal</td> <td></td><td>Cement</td> </tr> <tr> <td></td><td>Fine SST</td> <td></td><td>Arg. SST</td> <td></td><td>Glauconite</td> </tr> <tr> <td></td><td>Medium SST</td> <td></td><td>Lithic Fragment</td> <td></td><td>Pyrite</td> </tr> <tr> <td></td><td>Coarse SST</td> <td></td><td>Foraminifera</td> <td></td><td>Iron Minerals</td> </tr> <tr> <td></td><td>Marl</td> <td></td><td>Fossils</td> <td></td><td>Mica</td> </tr> <tr> <td></td><td>Clay, Limestone</td> <td></td><td>Bryozoa</td> <td></td><td>Volcanic</td> </tr> </table> <p>1 unit = 200 ppm methane equivalent in air</p>		Claystone		Limestone		Sponges		Siltstone		Dolomite		Brachiopoda		Shale		Coal		Cement		Fine SST		Arg. SST		Glauconite		Medium SST		Lithic Fragment		Pyrite		Coarse SST		Foraminifera		Iron Minerals		Marl		Fossils		Mica		Clay, Limestone		Bryozoa		Volcanic	<p><b>GEOSERVICES CREW</b></p> <p><b>ALS ENGINEERS</b></p> <p>T. N. KYAW A. DUNN D. ADDERLEY P. RADY</p> <p><b>MUDLOGGERS</b></p> <p>178mm(7")</p>
	Claystone		Limestone		Sponges																																													
	Siltstone		Dolomite		Brachiopoda																																													
	Shale		Coal		Cement																																													
	Fine SST		Arg. SST		Glauconite																																													
	Medium SST		Lithic Fragment		Pyrite																																													
	Coarse SST		Foraminifera		Iron Minerals																																													
	Marl		Fossils		Mica																																													
	Clay, Limestone		Bryozoa		Volcanic																																													



