



GAS RATIO LOG

WELL : LONGTOM-3H



FROM (m): 4000

TO (m): 4100

SCALE: 1/ 500

GENERAL DATA

Client : NEXUS ENERGY
 Country : AUSTRALIA
 Permit : VIC/P54
 Basin : GIPPSLAND
 Well Type : APPRAISAL
 Rig Name : OCEAN PATRIOT

LOCATION DATA

Latitude : 38°05'34.63"S
 Longitude : 148°18'41.52"E
 RT - MSL (m): 21.5
 Water Depth (m): 56.7

CASING

762mm (30") Shoe: 110.8m
 340mm (13 3/8") Shoe: 995.32m

FINAL WELL DATA

Total Depth (mMDRT): m
 TVD SS (m): m
 Date Well Spudded : 02-08-2006
 Date TD Reached : XX-XX-2006
 Final Status : ??

GAS RATIOS FORMULAE

GAS WETNESS RATIO (Wh)
 $GWR = (C2 + C3 + C4 + C5) / (C1 + C2 + C3 + C4 + C5) * 100$

LIGHT TO HEAVY RATIO (Bh)
 $LHR = (C1 + C2) / (C3 + C4 + C5)$

OIL CHARACTER QUALIFIER (Ch)
 $OCQ = (C4 + C5) / (C3)$

LITHOLOGY LEGEND

	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

1 unit = 200 ppm methane equivalent in air

GEOSERVICES CREW

ALS ENGINEERS

T. N. KYAW
 A. DUNN
 D. ADDERLEY
 P. RADY

MUDLOGGERS

178mm(7")



