

# PATRICIA-1

Location: Offshore Gippsland Basin  
 Latitude: 38 01 53 S  
 Longitude: 148 26 47.26 E

Water Depth = 51 m  
 Total Depth Drilled (KB) = 900 m; Depth Logged (KB) = 899.5 m  
 KB Elevation = 22 m amsl  
 Seismic line reference: GB79-172, sp 302.8

Completed July 18, 1987 by Lasmo Energy Australia Ltd.  
 Status = Plugged & suspended

Lithostratigraphy by Tom Bernecker (1998)  
 Lithological interpretation by Karina Jonasson (1998)  
 Palynology by M.E. Dettman (1987)  
 Produced by the Basin Studies Group 05-Jun-2000



## Lithological legend

<b>Carbonate Lithotypes</b>	<b>Siliciclastic Lithotypes</b>	<b>Others</b>
Limestone	Conglomerate	l'bedded sandstone & mudstone
Limestone, sandy	Sandstone, pebbly	Siltstone
Limestone, dolomitic	Sandstone	Mudstone (shale)
Dolomite	Sandstone, calcareous	Mudstone, calcareous
Dolomite, calcareous	Sandstone, argillaceous	Claystone
Marl	Sandstone, glauconitic	Coal
	"Greensand"	

N.B. Not all lithological patterns in the legend have been used in this wellsheet.

## Palynological scheme legend

**SPORE-POLLEN:**

T. be	= T. bellus
P. tu	= P. tuberculatus
N. as	= N. asperus
P. as	= P. asperopolus
M. di	= M. diversus
L. ba	= L. balmei
F. lo	= F. longus
T. li	= T. lilliei
N. se	= N. senectus
T. ap	= T. apoxyxinus
P. ma	= P. mawsonii
H. un	= H. uniforma (A. di = A. distocarinatus)
P. pa	= P. pannosus
C. pa	= C. paradoxa
C. st	= C. striatus
C. hu	= C. hughesii
P. no	= P. notensis
F. wo	= F. wonthaggiensis
C. au	= C. australiensis
R. wa	= R. watheroensis

**DINOFLAGELLATES:**

C. in	= C. incompositum
D. he	= D. heterophylcta
A. hy	= A. hyperacantha
A. ho	= A. homomorphom
E. cr	= E. crassitabulata
T. ev	= T. evittii
M. dr	= M. druggii
I. ko	= I. korojenense
X. au	= X. australis
N. ac	= N. aceras
I. ro	= I. rotundatum
I. cr	= I. cretaceum
O. po	= O. porifera
C. st	= C. striatoconus
P. in	= P. infusorioides

N.B. Not all palynological zones in the legend have been used in this wellsheet.

## Hydrocarbon shows/tests legend

	Gas show (weak)
	Gas show (strong)
	Gas zone
	Oil show (weak)
	Oil show (strong)
	Oil zone
	Oil/gas show (weak)
	Oil/gas show (strong)
	Oil fluorescence
	CO <sub>2</sub> zone
	RFT test

N.B. Not all hydrocarbon symbols in the legend have been used in this wellsheet.

## Accessory minerals legend

C - carbonaceous debris  
 P - pyrite  
 G - glauconite  
 M - mica

Arrowheads indicate SWC range & abundance  
 Patterns indicate cuttings/core range & abundance

	trace		common
	minor		abundant

## Pristane/Phytane Legend

< 1.5 Anoxic - Subaqueous (lacustrine or marine)  
 1.5 - 3.0 Trans - Transitional environment  
 > 3.0 Oxid - Subaerial environment

## Palynologists' environments legend

nm - non marine  
 lac - lacustrine  
 est - estuarine

mm - marginal marine  
 ns - nearshore marine  
 om - offshore marine

N.B. Environments are based on spore-pollen/dino ratios.

