

# MOCAMBORO-11

Location: Onshore Otway Basin  
 Latitude: 37 48 8.4 S  
 Longitude: 141 30 2.8 E

GL Elevation = 145 m  
 Total Depth Drilled (KB) = 1435.04 m; Depth logged (KB) = 1433.474 m  
 KB Elevation = 145 m amsl  
 Seismic line reference: CR88-01; sp 535

Completed September 15, 1990 by Geological Survey of Victoria  
 Status = Plugged & abandoned

Lithostratigraphy by GSV WCR (1991)  
 Lithological interpretation by Natalia Liberman (1998)  
 Palynology by R. Morgan (1991)  
 Produced by the Basin Studies Group 04-Jun-2000 for Enclosure 5, VIMP 41



## Lithological legend

Carbonate Lithotypes	Siliciclastic Lithotypes	Others
Limestone	Conglomerate	Extrusive rocks
Limestone, sandy	Sandstone, pebbly	Mafic sills
Limestone, dolomitic	Sandstone	Plutonic rocks
Dolomite	Sandstone, calcareous	Metamorphic rocks
Dolomite, calcareous	Sandstone, argillaceous	
Marl	Sandstone, glauconitic	
	"Greensand"	
		Coal

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

## Palynological scheme legend

SPORE-POLLEN:	DINOFAGELLATES:
T. be = T. bellus	W. th = W. thompsonae
P. tu = P. tuberculatus	C. in = C. incompositum
N. as = N. asperus	H. ta = H. tasmaniense
P. as = P. asperopolus	D. he = D. heterophylcta
M. di = M. diversus	A. hy = A. hyperacantha
L. ba = L. balmei	A. ho = A. homomorphom
F. lo = F. longus	E. cr = E. crassitabulata
T. li = T. lilliei	T. ev = T. evittii
N. se = N. senectus	P. py = P. pyrophorum
T. ap = T. apoxyxinus	M. dr = M. druggii
P. ma = P. mawsonii	I. ko = I. korojenense
H. un = H. uniforma (A. di = A. distocaratus)	X. au = X. australis
P. pa = P. pannosus	N. ac = N. aceras
C. pa = C. paradoxa	I. ro = I. rotundatum
C. st = C. striatus	I. cr = I. cretaceum
C. hu = C. hughesii	O. po = O. porifera
P. no = P. notensis	C. st = C. striatoconus
F. wo = F. wonthaggiensis	P. in = P. infusoriooides
C. au = C. australiensis	
R. wa = R. watheroensis	

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

## Hydrocarbon shows/tests legend

Gas show (weak)	Oil show (weak)	Oil zone	Oil/gas show (weak)	Oil/gas show (strong)	Oil fluorescence	CO <sub>2</sub> zone	RFT test
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N.B. Not all hydrocarbon symbols in the legend have been used in this wellsheet.

## Accessory minerals legend

C - carbonaceous debris	trace	common
P - pyrite	minor	abundant
G - glauconite		
M - mica		

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

## 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	mm - marginal marine
lac - lacustrine	ns - nearshore marine
est - estuarine	om - offshore marine

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

