

# CHAMPION-1

Location: Offshore Otway Basin  
 Latitude: 38 32 33.54 S  
 Longitude: 142 23 18.66 E

Water Depth = 53 m  
 Total Depth Drilled (KB) = 1882 m; Depth logged (KB) = 1855.93 m  
 KB Elevation = 25.3 m amsl  
 Seismic line reference: OH94-203, sp 1451

Completed August 19, 1995 by BHP Petroleum  
 Status = Plugged & abandoned

Lithostratigraphy by Geoff Geary (1998)  
 Lithological interpretation by Natalia Liberman (1998)  
 Palynology by A.D. Partridge (1997)  
 Produced by the Basin Studies Group 04-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.*

## 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 Oxidic - Subaerial environment

## Palynological scheme legend

**SPORE-POLLEN:**

T. be = T. bellus	C. in = C. incompositum
P. tu = P. tuberculatus	H. ta = H. tasmanienne
N. as = N. asperus	D. he = D. heterophlycta
P. as = P. asperopolus	A. hy = A. hyperacantha
M. di = M. diversus	A. ho = A. homomorphom
L. ba = L. balmiei	E. cr = E. crassitabulata
F. lo = F. longus	T. ev = T. evittii
T. li = T. lilliei	P. py = P. pyrophorum
N. se = N. senectus	M. dr = M. druggii
T. ap = T. apoxyxinus	I. ko = I. korojenense
P. ma = P. mawsonii	X. au = X. australis
H. un = H. uniforma (A. di = A. distocarinus)	N. ac = N. aceras
P. pa = P. pannosus	I. ro = I. rotundatum
C. pa = C. paradoxa	I. cr = I. cretaceum
C. st = C. striatus	O. po = O. porifera
C. hu = C. hughesii	C. st = C. striatoconus
P. no = P. notensis	P. in = P. infusorioides
F. wo = F. worthaggeniensis	
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)  
 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.*

## 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.*

