

# ALBATROSS-1

Location: Offshore Gippsland Basin  
 Latitude: -37.9594624 S  
 Longitude: 148.0515784 E

Total Depth Drilled (KB) = 1262 m  
 KB Elevation = 9.8 m amsl  
 Seismic line reference: GB79-117, sp 117  
 Completed by Endeavour Oil July 1970  
 Status = P&A

Lithostratigraphy by Tom Berneker 1997  
 Lithological interpretation Natalia Liberman  
 Palynology by A.D. Partridge  
 Produced by the Basin Studies Group 25-Jan-2000



## Lithological legend

<b>Carbonate Lithotypes</b>	<b>Siliciclastic Lithotypes</b>	<b>Others</b>
Limestone	Conglomerate	I'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. balnei
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. distocarinus)
P. pa	= P. pannosus
C. pa	= C. paradoxa
C. st	= C. striatus
C. hu	= C. hugesii
P. no	= P. notensis
F. wo	= F. wonthaggiensis
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

**DINOFLAGELLATES:**

C. in	= C. incompositum
D. he	= D. heterophlycta
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
L. cr	= L. crataecum
O. po	= O. porifera
C. st	= C. striatoconus
P. in	= P. infusorioides

**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 Oxidic - 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.*

