

TIRRENGOWA-1

Location: Onshore Otway Basin
 Latitude: 38 38 58.60 S
 Longitude: 143 20 20.67 E



Total Depth Drilled (KB) = 1273 m; Depth logged (KB) = 1272.9 m
 KB Elevation = 143.6 m amsl
 Seismic line reference: VP 289 Line 83-02

Completed March 24, 1987 by Hartogen Energy Limited
 Status = Plugged and abandoned

Lithostratigraphy by from Tirrengowa-1 WCR
 Lithological interpretation Natalia Liberman (2001)
 Palynology by Roger Morgan (1987)
 Produced by the Basin Studies Group 29-Jun-200

Lithological legend

Carbonate Lithotypes	Siliciclastic Lithotypes	Others
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. balmei
F. lo	= F. longus
T. li	= T. lilliei
N. se	= N. senectus
T. ap	= T. apoxyxinus
P. ma	= P. mawsonii
H. un	= H. uniformis (A. di = A. distocarinitus)
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:

W. th	= W. thompsonae
C. in	= C. incompositum
H. ta	= H. tasmaniense
D. he	= D. heterophycta
A. hy	= A. hyperacantha
A. ho	= A. homomorphom
E. cr	= E. crassitabulata
T. ev	= T. evittii
P. py	= P. pyrophorum
M. dr	= M. druggii
I. ko	= I. koronenense
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 ₂ 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.

