

GREEN BANKS-1

Location: Onshore Otway Basin
 Latitude: 30 01 14 S
 Longitude: 141 46 32 E

G.L. Elevation = 105.4 m
 Total Depth Drilled (KB) = 1226.2 m; Depth logged (KB) = 1229.754 m
 KB Elevation = 111.4 m amsl

Seismic line reference: OB82A-80, sp 180
 Completed April 14, 1983 by Beach Petroleum N.L.
 Status = Plugged & abandoned
 Lithostratigraphy by Andrew Constantine (1999)
 Lithological interpretation by Natalia Liberman (1999)
 Palynology by A.D. Partridge (1996)
 Produced by the Basin Studies Group 19-May-1999
 for Enclosure 15, VIMP62



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"	
	I'bedded sandstone & mudstone	
	Siltstone	
	Mudstone (shale)	
	Mudstone, calcareous	
	Claystone	
	Coal	

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. asperopolis
M. di	= M. diversus
L. ba	= L. balmei
F. lo	= F. longus
T. li	= T. lillieii
N. se	= N. senectus
T. ap	= T. apoxyxinus
P. ma	= P. mawsonii
H. un	= H. uniformis (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:

W. th	= W. thompsonae
C. in	= C. incompositum
H. ta	= H. tasmaniense
D. he	= D. heterophycta
A. hy	= A. hyperacantha
A. ho	= A. homomorphum
E. cr	= E. crassitabulata
T. ev	= T. evittii
P. py	= P. pyrophorum
M. dr	= M. druggii
I. ko	= I. korojenense
X. au	= X. australis
N. ac	= N. aceris
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	mm	= marginal marine
lac	= lacustrine	ns	= nearshore marine
est	= estuarine	om	= offshore marine

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

