

ERIC THE RED-1

Location Offshore Otway Basin
 Latitude 39 00 45.44S
 Longitude 143 10 51.45E
 Water Depth = 75 m
 Total Depth Drilled (KB) = 1875 m
 KB Elevation = 25.3 m amsl
 Seismic line reference OH91-186, sp 1188
 Completed 17-Feb-1993 by BHP Petroleum
 Status = Plugged & abandoned
 Lithostratigraphy by Geoff Geary (1998)
 Lithological interpretation by Natalya Liberman (1998)
 Palynology by Morgan & Hooker (1993)
 Produced by the Basin Studies Group 07-Apr-98
 for Enclosure 28, VIMP55



Lithological legend

Carbonate Lithotypes	Siliciclastic Lithotypes	Others
Limestone	Conglomerate	l'bedded sandstone & mudstone
Limestone, sandy	Sandstone, pebbly	Siltstone
Limestone, dolomitic	Sandstone	Siltstone, carbonaceous
Dolomite	Sandstone, carbonaceous	Mudstone (shale)
Dolomite, calcareous	Sandstone, argillaceous	Mudstone, carbonaceous
Marl	Sandstone, glauconitic	Mudstone, calcareous
	"Greensand"	Claystone
		Coal
		Extrusive rocks
		Mafic sills
		Plutonic rocks
		Metamorphic rocks

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. 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:
 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. cr = I. cretaceum
 O. po = O. porifera
 C. st = C. striatoconus
 P. in = P. infusorioides

Hydrocarbon shows legend

Gas show (weak)
 Gas show (strong)
 Gas well
 Oil show (weak)
 Oil show (strong)
 Oil well
 Oil/gas show (weak)
 Oil/gas show (strong)
 Oil fluorescence

Palynological environments legend

non mar. - non marine environ.
 lac. - lacustrine environment
 estu. - estuarine

marg. mar. - marginal marine
 nearshore - nearshore marine
 offshore - offshore marine

Pristane/Phytane Ratio legend

Aqu - Aqueous, lacustrine or marine
 Int - Intermediate
 Ter - Terrestrial

LLS	OHMM	2000			
LLD	OHMM	2000	-0.4	DRHO	
	ILM			RHOB	
	OHMM	2000	1.95	G/CC	0.1
	ILD			NPHI	
	OHMM	2000	0.45	V/V	-0.15

S/W core - recovered

Dino/Spore-pollen legend

absent
 very low
 low

moderate
 high
 very high

Accessory minerals legend

C - carbonaceous debris (magenta)
 S - shell debris (blue)
 G - glauconite (green)
 M - mica (red)
 arrows indicate SWC range & abundance
 patterns indicate cuttings/core range & abundance

trace
 minor
 common
 abundant

