

ERIC THE RED-1

Location: Offshore Otway Basin
 Latitude: 39 00 45.44 S
 Longitude: 143 10 51.45 E

Water Depth = 75 m
 Total Depth Drilled (KB) = 1875 m; Depth logged (KB) = 1875.282 m
 KB Elevation = 25.3 m amsl
 Seismic line reference: OH91-186, sp 1188

Completed March 6, 1993 by BHP Petroleum
 Status = Plugged & abandoned

Lithostratigraphy by Geoff Geary (1998)
 Lithological interpretation by Natalia Liberman (1998)
 Palynology by R. Morgan & N. Hooker (1993)
 Produced by the Basin Studies Group 04-Jun-200



Lithological legend

| | | |
|-----------------------------|---------------------------------|-------------------------------|
| Carbonate Lithotypes | Siliciclastic Lithotypes | Others |
| 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. tasmanianse |
| N. as = N. asperus | D. he = D. heterophlycta |
| P. as = P. asperopolis | A. hy = A. hyperacantha |
| M. di = M. diversus | A. ho = A. homomorphom |
| L. ba = L. balmei | 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. korojanense |
| P. ma = P. mawsonii | X. au = X. australis |
| H. un = H. uniformis (A. di = A. distocarinatus) | N. ac = N. aceris |
| 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. hugesii | C. st = C. striatococcus |
| P. no = P. notensis | P. in = P. infusorioides |
| 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.

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.

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 |
| | CO2 zone |
| | RFT test |

N.B. Not all hydrocarbon symbols in the legend have been used in this wellsheet.

