

ANGLESEA-1

Location: Onshore Otway Basin
 Latitude: 38 24 26 S
 Longitude: 144 11 53 E

G.L. Elevation = 19.83 m
 Total Depth Drilled (KB) = 3063.5 m; Depth logged (KB) = 3063.09 m
 KB Elevation = 23.8 m amsl
 Seismic line reference: 76.6 m from sp 9.0 of line 0DNL60A-L to the NW

Completed November 9, 1962 by Oil Development N.L.
 Status = Plugged & abandoned

Lithostratigraphy by C. Abele (1995)
 Lithological interpretation by Natalia Liberman (1998)
 Palynology by A. Partridge (1993), updated by R. Morgan (1997)
 Produced by the Basin Studies Group 19-May-99 for Enclosure 5 VIMP60



Lithological legend

- | | | |
|-----------------------------|-------------------------------|-------------------|
| Carbonate Lithotypes | Siliclastic Lithotypes | Others |
| Limestone | Conglomerate | Extrusive rocks |
| Limestone, sandy | Sandstone, pebbly | Mafic sills |
| Limestone, dolomitic | Sandstone, calcareous | Plutonic rocks |
| Dolomite | Sandstone, argillaceous | Metamorphic rocks |
| Dolomite, calcareous | Sandstone, glauconitic | Coal |
| Marl | "Greensand" | |
- N.B. Not all lithological patterns in the legend have been used in this wellsheet.*

Palynological scheme legend

- SPORE-POLLEN:**
- T. ba = T. ballus
 - 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. apoxyxenus
 - P. ma = P. mawsonii
 - H. un = H. uniforma (A. di = A. distocarinate)
 - P. pa = P. pannosus
 - C. pa = C. paradoxa
 - C. st = C. striatus
 - C. hu = C. hughesii
 - P. no = P. notensis
 - F. wo = F. worthaggenis
 - 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. crassilabulata
 - T. ev = T. evittii
 - F. py = F. pyrophorum
 - M. dr = M. druggii
 - I. ko = I. korjensense
 - X. au = X. australis
 - N. ac = N. aceras
 - I. ro = I. rotundatum
 - I. cr = I. cretaceum
 - O. po = O. porifera
 - C. st = C. striatococcus
 - P. in = P. infusorioides
- Palynologists' environments legend**
- nm - non marine
 - lac - lacustrine
 - est - estuarine
 - mm - marginal marine
 - ns - nearshore marine
 - om - offshore marine
- N.B. Not all palynological zones in the legend have been used in this wellsheet.*
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.*

Accessory minerals legend

- C - carbonaceous debris
 - P - pyrite
 - G - glauconite
 - M - mica
- Arrowheads indicate SWC range & abundance
 Patterns indicate cuttings/core range & abundance

Pristane/Phytane Legend

- < 1.5 Anoxic - Subaqueous (lacustrine or marine)
- 1.5 - 3.0 Trans - Transitional environment
- > 3.0 Oxid - Subaerial environment

