

KIPPER-1

Location: Offshore Gippsland Basin
 Latitude: 38 10 35.855 S
 Longitude: 148 35 46.777 E

Water Depth = 94 m
 Total Depth Drilled (KB) = 2875 m; Depth Logged (KB) = 2875.635 m
 KB Elevation = 21 m amsl
 Seismic line reference: GS81A-60, sp 5548

Completed April 11, 1986 by Esso Australia Ltd.
 Status = Plugged & abandoned

Lithostratigraphy by Tom Bernecker (1998)
 Lithological interpretation by Natalia Liberman (1998)
 Palynology by N. Marshall & A.D. Partridge (1986)
 Produced by the Basin Studies Group 05-Jun-200



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" | |
| | | 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. asperopolus
 - M.di = M. diversus
 - L.ba = L. balmei
 - F.lo = F. longus
 - T.li = T. lilliei
 - N.se = N. senectus
 - T.ap = T. apoxyoxinus
 - 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. worthaggenis
 - C.au = C. australiensis
 - R.wa = R. watheroensis
- DINOFLAGELLATES:**
- C.in = C. incompositum
 - D.be = D. heterophlyctia
 - A.hy = A. hyperacantha
 - A.ho = A. homomorphom
 - E.cr = E. crassifabulata
 - T.ev = T. evittii
 - M.dr = M. druggii
 - I.ko = I. korjenense
 - 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
- 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

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.

