

NAJABA-1A

Location: Onshore Otway Basin
 Latitude: 37 54 13 S
 Longitude: 141 03 50 E

G.L. Elevation = 51.7 m
 Total Depth Drilled (KB) = 3412.5 m; Depth logged (KB) = 3419.86 m
 KB Elevation = 57.7 m amsl

Seismic line reference: OB85A-368, 15m E of sp 159.5
 Completed June 27, 1986 by Beach Petroleum N.L.
 Status = Plugged & abandoned
 Lithostratigraphy by Andrew Constantine (1999)
 Lithological interpretation by Natalia Liberman (1999)
 Palynology by R. Morgan (1986,1995); A.D. Partridge (1997)
 Produced by the Basin Studies Group 19-May-1999
 for Enclosure 17, VIMP 62



Lithological legend

- | | | |
|-----------------------------|-------------------------------|-------------------|
| Carbonate Lithotypes | Siliclastic 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. ballii
 - F. lo = F. longus
 - T. li = T. lillii
 - N. se = N. senectus
 - T. ap = T. apex
 - P. ma = P. mawsonii
 - H. un = H. uniformis (A. di = A. distocarinaris)
 - R. pa = R. paradoxus
 - C. pa = C. paradoxus
 - 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
 - G. in = G. incompositum
 - H. ta = H. tasmanianae
 - D. ha = D. heterophylla
 - A. hy = A. hyperacantha
 - A. ho = A. homomorphum
 - E. cr = E. crassitabulata
 - T. ev = T. evittii
 - P. py = P. pyrophorum
 - M. dr = M. druggillii
 - I. ko = I. korjennense
 - X. au = X. australis
 - N. ac = N. aceris
 - I. ro = I. rotundatum
 - C. po = C. porifera
 - G. st = G. striatococcus
 - 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 Oxidic - Subaerial environment

Palynologists' environments legend

- nm - non marine
- lac - lacustrine
- est - estuarine
- mm - marginal marine
- ns - nearshore marine
- om - offshore marine

