

Micropalaeontological Report on
Golden Beach No.1A Well

The samples listed below were submitted for micropalaeontological examination by B.O.C. of Australia Limited. They were examined during the period between 11th July and 26th July, 1967. NFF means that no foraminifera were found. The rare foraminifera and bryozoal and echinoid fragments occasionally present in the sidewall cores are obviously contaminants (apart, of course, in cores at 1986', 1992' and 1995'); besides other considerations, their generally yellowish orange colour and size (one to several mm) do not enable them to be regarded as being in situ in the predominantly dark coloured and fine-grained sediments sampled.

Sidewall cores

- Depth 1986' rich foraminiferal fauna, including Globigerina linaperta, G. angiporoides and Chiloguembelina cubensis. This fauna represents A.N. Carter's faunal unit 3, which is equivalent to D.J. Taylor's Zonule K; the age is uppermost Eocene.
- 1992' As above, but less rich fauna
- 1995' As above, but less rich fauna
- 2008' fish teeth
- 2224' NFF (except a few contaminant Miocene foraminifera)
- 3362' NFF
- 3365' NFF
- 5517' NFF
- 5518' NFF
- 5593' NFF
- 5604' NFF (except a few contaminant Miocene Elphidium sp.)
- 5609' NFF (except a few contaminant echinoid fragments)
- 5791' NFF
- 5793' NFF
- 6462' NFF
- 7249' NFF
- 7543' NFF
- 7545' NFF
- 7603' NFF
- 7605' NFF
- 7642' NFF
- 7644' NFF
- 7690' NFF
- 7692' NFF
- 7932' NFF
- 7933' NFF
- 8025' NFF
- 8088' NFF
- 8246' NFF (except a contaminant Robulus sp.)
- 8248' NFF
- 8495' NFF
- 8607' NFF
- 8609' NFF
- 8708' NFF
- 8784' NFF
- 8785' NFF
- 8874' NFF
- 8966½' NFF
- 9016' NFF
- 9019' NFF
- 9065' NFF
- 9072' NFF
- 9096' NFF
- 9152' NFF
- 9154' NFF
- 9280' NFF
- 9282' NFF (except a contaminant globigerinid fragment)

GOLDEN BEACH-1A

Depth 9356' NFF
9358' NFF (except a contaminant bryozoal fragment)
9391' NFF
9399' NFF
9462' NFF
9472' NFF

Cuttings

Samples of cuttings, collected every 10' between 7450' and 7710', were also examined (fossils had been reported from a part of this interval). No fossils belonging to the sampled strata were found; in several samples (e.g. 7570'-7580' and 7630'-7640') a few typical Miocene foraminifera (Amphistegina cf. lessonii and Cibicides) as well as bryozoal and echinoid fragments were present. These are obviously contaminants.

Signed (Dr. C. Abele)
Geologist
6th September, 1967