

BEACH PETROLEUM NO LIABILITY

M E M O R A N D U M



TO: Mr D G Langton  
FROM: A Tabassi  
SUBJECT: PALYNOLOGICAL AND PALAEONTOLOGICAL STUDIES  
RESULT - GREEN BANKS NO. 1  
DATE: 15 July 1983

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Eleven samples (7 sidewall cores and 4 cutting) from Green Banks No. 1 were studied Palynologically and in part Palaeontologically. For comparison and/or correlation, five samples (2 cores and 3 sidewall cores) from the V.D.M.E. Hotspur No. 1 were also analysed Palynologically. Based on these studies, together with data derived from lithology and wireline logs, the Green Banks No. 1 stratigraphic units were tabled more confidently.

Three cutting samples from Green Banks No. 1 from the intervals: 280.0-290.0, 330.0-340.0 and 370.0-380.0 metres were studied both Palynologically and Palaeontologically. The Palaeontological results indicated a late Early Miocene age for these samples whilst the Palynological results revealed an older date, Early Eocene. The contradictory results are a result of contamination of samples by the friable Coquina Limestone at the base of Gellibrand Formation. This limestone has a distinctive colour and appearance which was readily recognisable in these samples. Consequently the older date, Early Eocene, was considered more acceptable since no spore and pollen of the late Early Miocene age were reported from the contaminated samples.

A handwritten signature in cursive script that reads 'A. Tabassi'.

A. Tabassi  
PETROLEUM GEOLOGIST

AT:GC