



MINUTE

64/869G

Subject:—

B.O.C. GOLDEN BEACH NO. 1a WELL.

Assistant Director (Geology)

At the request from Burmah Oil Australia Ltd., Sydney, some sidewall cores from B.O.C. Golden Beach No. 1a Well were sent to the Bureau of Mineral Resources by the Geological Survey of Victoria for palynological examination.

The samples yielded moderately to poorly preserved microfloras.

Sample No. 4480 (depth 9472 feet) contains Cyclosporites hughesi and Lycopodiumsporites circolumenus and is therefore of Neocomian to lowermost Albian age.

Sample No. 4479 (depth 9154 feet) yielded a poor microflora of uncertain age.

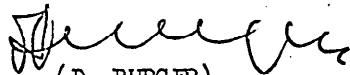
Sample No. 4478 (depth 9065 feet) and No. 4477 (depth 7932 feet) contain Cicatricosisporites australiensis, a confirmation that they are Cretaceous.

(7932 ft)

Sample No. 4477 also contains Crybelosporites striatus, Dictyotosporites speciosus and Contignisporites cooksonii, so that it is most probably of Lower Albian age.

Discussion

1. Some marine acritarchs (Micrhystridium sp.)^{were} encountered in samples No. 4489, 4479 and 4478, not sufficient however to indicate that an open marine environment existed at the time of deposition.
2. Sample No. 4477 showed no traces of Upper Cretaceous microfloras but contains some angiospermous pollen types which we regard as Tertiary contamination.


(D. BURGER)
(Palynologist)

1 SEP 1967