

INTRODUCTION

Spore-pollen recovered from cuttings samples between 5860 to 5900 ft. in Bass-2 indicate this well bottomed in the Lower L. balmei Zone interval of the Eastern View Coal Measures. In keeping with the nature of the samples, the age-determinations are of low confidence due to problems in distinguishing between caved, in situ and some types of recycled palynomorphs (Macphail, 1987).

The need for reliable age determinations of sediments near TD [5910 ft.] in Bass-2 is reinforced by seismic evidence that the well bottomed at or close to the geologic boundary between the Lower Eastern View Coal Measures and the underlying (Cretaceous) basement high (Smith, 1985).

In order to improve dating of the near TD interval, two core chip samples from the lowermost conventionally cored section, Core 10, were processed and examined for spore-pollen and dinoflagellates. Although preservation was fair, yields were negligible to extremely low. Nevertheless it is highly likely that all palynomorphs recovered were in situ.

Lithological units and palynological determinations for the two samples (depth data not provided) are summarized below. Interpretative and basic data are given in Tables 1 and 2. Check lists of all species recorded are attached.

SUMMARY

AGE	UNIT	ZONE	DEPTH
Palaeocene	Eastern View Coal Measures	<u>L. balmei</u>	Core 10

TD 5910 ft.