



PE990269

APPENDIX (3)

MICROPALEONTOLOGICAL REPORT

MICROPALEONTOLOGICAL REPORT ON ALBATROSS #1 WELL

Cuttings from the Albatross #1 Well were submitted by Endeavour Oil Co. N.L. for selective micropaleontological examination. The main aim of such examination was the subdivision of the Tertiary marine sequence into Oligocene, Lower Miocene and Middle to Upper Miocene intervals; if possible, further subdivision into Carter's "Faunal Units" was to be attempted.

The following samples were examined micropaleontologically in late July and early August, 1970 :

Depth	710'	-	720'
	900'	-	910'
	1100'	-	1110'
	1300'	-	1310'
	1400'	-	1410'
	1500'	-	1510'
	1600'	-	1610'
	1700'	-	1710'
	1800'	-	1810'
	1900'	-	1910'
	2000'	-	2010'
	2100'	-	2110'
	2200'	-	2210'
	2290'	-	2300'
	2300'	-	2310'
	2310'	-	2320'
	3750'	-	3760'
	3770'	-	3780'

In all cases only a small amount of sample was available for preparation and the foraminiferal faunas are rather sparse. Commonly only a few specimens of diagnostic foraminifera are present; this, in combination with the fact that some downward contamination of samples has obviously occurred, makes precise recognition of time-stratigraphic units difficult.

The youngest strata represented by the sample are Middle Miocene, very likely equivalent to Carter's FU 11 or even younger. Although no *Orbulina universa* was noted, it is highly improbable that FU 10 here comprises several hundred feet of strata.

The base of Middle Miocene, equated with the base of FU 10, is tentatively placed between 1600' and 1700'. Lowest occurrence of *Orbulina suturalis* was noted at 1500' - 1510', but *Globorotalia barisanensis* was observed at 1600' - 1610'.

The base of Miocene, equated with the base of FU 6, is tentatively placed between 2000' and 2100'. *Globoquadrina dehiscens* was noted at 2000' - 2010'; its presence in two lower samples is regarded as due to contamination.

The lowest beds of the marine sequence probably represent FU 4 rather than FU 5, although no undoubtedly diagnostic foraminifera were observed.

All foraminifera noted in samples from 3750'-3760' and 3770'-3780' are Oligocene and Lower Miocene contaminants.

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