

**EXPLORATION DEPARTMENT PALYNOLOGY LABORATORY  
 PROVISIONAL REPORT**



REPORTED TO:	S. BENEDEK
PHONED TO:	A. PARTRIDGE
SEEN BY:	D. TAYLOR

WELL: BARRACOUTA - 4  
 REPORT NO: 1  
 DATE: May 4, 1977

SAMPLE No.	DEPTH (in feet)	RECEIVED	AGE	ZONE	DIVISION
SWC 60	758	13/4/77	Late Pliocene	A2	
SWC 53	1452	"	Pliocene/Miocene	B	
SWC 23	2435	"	Middle Miocene	D1	
SWC 22	2480	"	"	D1	
SWC 21	2520	"	"	D2	
SWC 16	2706	"	"	D2	
SWC 15	2762	"	Middle Miocene	E1	
SWC 3	3164	"	"	E1	
SWC 2	3181	"	Middle Miocene	E2	
SWC 1	3200	"	Oligocene	H2	

COMMENTS: A major unconformity representing a base of a channel system occurs between 3214 ft (SWC 90, Zone F) and 3272 ft (SWC 89, Zone I1). The presence of H2 faunas at 3200 above the channel base indicates major slumping of sediments into the channel. Barracouta - 4 appears to occupy a more central position within the channel compared to the other Barracouta wells.

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WELL: BARRACOUTA - 4

REPORT NO: 1 (continued)

DATE: May 4, 1977

SAMPLE No.	DEPTH (in feet)	RECEIVED	AGE	ZONE	DIVISION
SWC 90	3214	13/4/77	Early Miocene	F	
SWC 89	3272	"	Oligocene	I1	
SWC 88	3323	"	Oligocene	I1	
SWC 87	3377	"	Indeterminant		
SWC 86	3386	"	Early Oligocene	J1	
SWC 85	3400	"	Indeterminant		
SWC 84	3412	"	Early Oligocene	J1	

COMMENTS: SWC's in the greensand between 3430 and 3450 feet were barren of foraminifera.

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