

# PALYNOLOGICAL REPORT

338049

BASIN BASS BASIN

DATE 28th February, 1973

WELL NAME CORMORANT-1

ELEVATION \_\_\_\_\_

AGE	PALYNOLOGIC ZONES	HIGHEST DATA				LOWEST DATA					
		Preferred Depth	Rtg.	Alternate Depth	Rtg.	2 way time	Preferred Depth	Rtg.	Alternate Depth	Rtg.	2 way time
EOCENE	<u>P. tuberculatus</u>										
	<u>U. N. asperus</u>										
	<u>M. N. asperus</u>	3700	0				3920	0			
	<u>L. N. asperus</u>	4305	1				4999	1			
	<u>P. asperopolus</u>	5356	1				5990	0			
	<u>U. M. diversus</u>	6518	0				7154	2	7026	1	
	<u>M. M. diversus</u>	7284	2				7635	1			
	<u>L. M. diversus</u>	8820	1				9825	1			
PALEOCENE	<u>U. L. balmei</u>										
	<u>L. L. balmei</u>										
	<u>T. longus</u>										
LATE CRETACEOUS	<u>T. lilliei</u>										
	<u>N. senectus</u>										
	<u>C. trip./T.pach.</u>										
	<u>C. distocarin.</u>										
	<u>T. pannosus</u>										
EARLY CRETACEOUS											
PRE-CRETACEOUS											

COMMENTS: Wetzeliella edwardsii Zone is present at 5990 feet, based on zone species.  
Samples between 7694 & 8683 ft. are too carbonized for any age determination.  
Samples below 8682ft are extremely poorly preserved and highly carbonized,  
but nothing older than Lower M. diversus was observed.

- RATINGS: 0; SWC or CORE, EXCELLENT CONFIDENCE, assemblage with zone species of spores, pollen and microplankton.  
 1; SWC or CORE, GOOD CONFIDENCE, assemblage with zone species of spores and pollen or microplankton.  
 2; SWC or CORE, POOR CONFIDENCE, assemblage with non-diagnostic spores, pollen and/or microplankton.  
 3; CUTTINGS, FAIR CONFIDENCE, assemblage with zone species of either spore and pollen or microplankton, or both.  
 4; CUTTINGS, NO CONFIDENCE, assemblage with non-diagnostic spores, pollen and/or microplankton.

NOTE: If a sample cannot be assigned to one particular zone, then no entry should be made. Also, if an entry is given a 3 or 4 confidence rating, an alternate depth with a better confidence rating should be entered, if possible.

DATA RECORDED BY: IES/ADP; ADP DATE June 1971; Nov. 1972

DATA RECORDED BY: A.D. Partridge DATE February 1973