



# BAROID ppm LOG

WELL KINGFISH NO.6  
 COMPANY ESSO  
 FIELD GIPPSLAND BASIN  
 COUNTY OFFSHORE STATE VICT.

INTERVAL LOGGED 710 FT TO 8386 FT  
 DATE LOGGED 7 JAN. 1975 TO 22 JAN '75  
 DEPTH MEASURED FROM K.B. ELEV. 28'

SUPERVISING ENGINEER K. M<sup>c</sup>DONALD UNIT NO 8809  
 TYPE MUDS SEAWATER - GEL TO 6250 FT  
LIGNOSULFONATE TO 8386 FT

## LEGEND

### ABBREVIATIONS

NB	NEW BIT	W	WEIGHT <u>X</u> LBS/GAL <u>    </u> LBS/CU FT
NCB	NEW CORE BIT	V	VISCOSITY, API, SECONDS
CO	CIRCULATED OUT	F	FILTRATE, API, CC'S
DST	DRILL STEM TEST	CK	FILTER CAKE
LAT	LOGGED AFTER TRIP	S	SALINITY <u>X</u> PPM CL <sup>-</sup> <u>    </u> GPG CL <sup>-</sup>
TG	TRIP GAS	Rm	MUD-RESISTIVITY, OHM-METER
NR	NO RETURNS	Rmc	MUD-CAKE RESISTIVITY, OHM-METER
DS	DIRECTIONAL SURVEY	Rmf	MUD-FILTRATE RESISTIVITY, OHM-METER
DC	DEPTH CORRECTION		

### LITHOLOGY

SAND		LIMESTONE	
SHALE		OOLITIC LIMESTONE	
CLAY		DOLOMITE	
CHERT		GYPSUM, ANHYDRITE	
SALT		COAL OR LIGNITE	
SILTSTONE		GRANITE WASH	
CONGLOMERATE			

### DRILLING RATE

FT. PER HR.  
 MIN. PER FT.

VISUAL  
POROSITY

LITHOLOGY

DEPTH

### ppm HYDROCARBONS IN MUD M=1000

1500 1000 500  
 d-1/5 2/0 2/5  
 GST

C<sub>1</sub>  
 0 1M 5M 10M  
 OIL TSG 2/5 5/0 7/5

C<sub>2</sub>  
 0 1M  
 25/00

C<sub>3</sub>  
 0 1M  
 2/5

C<sub>4</sub>  
 0 1M  
 ↓

C<sub>5+</sub>  
 0 1M  
 ↓

### CUTTINGS ANALYSIS

TOTAL GAS       
 METHANE       
 LIQUID HYDROCARBONS  
 (C<sub>2+</sub>)     

OIL TSG ↓ ↓ ↓