Schlumberger

MELBOURNE LOG INTERPRETATION CENTRE

GEOGRAM*

(Synthetic Seismogram)

* Trademark

Company:	ESSO AUSTRALIA LTD
Well:	KINGFISH 8
Field:	KINGFISH
Country:	AUSTRALIA
Reference No:	500775
Date Logged:	24-03-92
Location:	38° 39' 38" S
Elevations:	KB: 23.00
Permanent Datum:	MSL

Interval:	2456.00	to	2220.00
Date Processed:	24-92		
	148 02 27 E		
DF:	22.70	GL:	-74.00
Depth Units:	METRES		

LOG INFORMATION

Field Office/Base:	Engineer:	Location:	Engineer Initials:
Melbourne	T. Richards	Clarke	RIV	Newton	BKS

Logging Datum: ELEVATION ABOVE MEAN SEA LEVEL 23.00

Seismic Reference Datum: 0.00

Sonic Calibration By Checkshots: YES Sonic Edited By Analyst: YES

Two-Way Time Sample Interval: 2 ms Environment: offshore

True Vertical Depth Corrections Applied:
Source of True Vertical Depth Data:
Maximum Hole Deviation:

Run No.	Date	Type Log	Depth Driller	Depth Logger	Bottom Log Interval	Top Log Interval	Casing Driller	Casing Logger	Bit Size
1	13-03-92	AM	2510.00	2510.00	2510.00	2220.00	339.72	339.72	311.15
2	24-03-92	DIT	2510.00	2510.00	2510.00	339.72			
3									

Run No.	Equip. No.	Max. Rec. Temp.	Equipment Location	Recorded By	Witnessed By
1	2510.00	107	107	Hyden	Clarke
2	2510.00	107	107	Hyden	Clarke
3					

GEOGRAM MODEL ASSUMPTIONS

Equal time-slice model of horizontal plane layers.
Plane acoustic waves at normal incidence.
No intrinsic attenuation.

POLARITY

An clipping wave, reflected by an increase in acoustic impedance with depth, is displayed as a white trough (under normal polarity).

SIGNATURES

All signatures displayed in the Geogram have been convolved with a reflection coefficient of -0.5 (A decrease in acoustic impedance with depth).

TEETHING

FOLD HERE

The well name, location and borehole reference data were furnished by the customer.

All interpretations are opinions based on inferences from electrical or other measurements and we cannot, and do not guarantee the accuracy or correctness of any interpretations, and we shall not, except in the case of gross or wilful negligence on our part, be liable or responsible for any loss, costs, damages or expenses incurred or sustained by anyone resulting from any interpretations made by any of our officers, agents or employees. These interpretations are also subject to Clause 4 of our General Terms and Conditions as set out in our current Price Schedule.

** GEOGRAM **

45 HERTZ ZERO PHASE
RICKER WAVELET WITH -90 DEG. PHASE SHIFT

KINGFISH-8

MULTIPLES ONLY
NORMAL POLARITY

PRIMARIES AND MULTIPLES
NORMAL POLARITY

PRIMARIES WITH TRANSMISSION LOSS
NORMAL POLARITY

PRIMARIES
NORMAL POLARITY

GAMMA RAY
0.000 GAPI
200.000 GAPI

DENSITY
1.650 G/CB
2.400 G/CB

SONIC
240.000 US/F
40.000 US/F

ACOUSTIC IMPEDANCE
10000.000 FPSG
40.000 FPSG

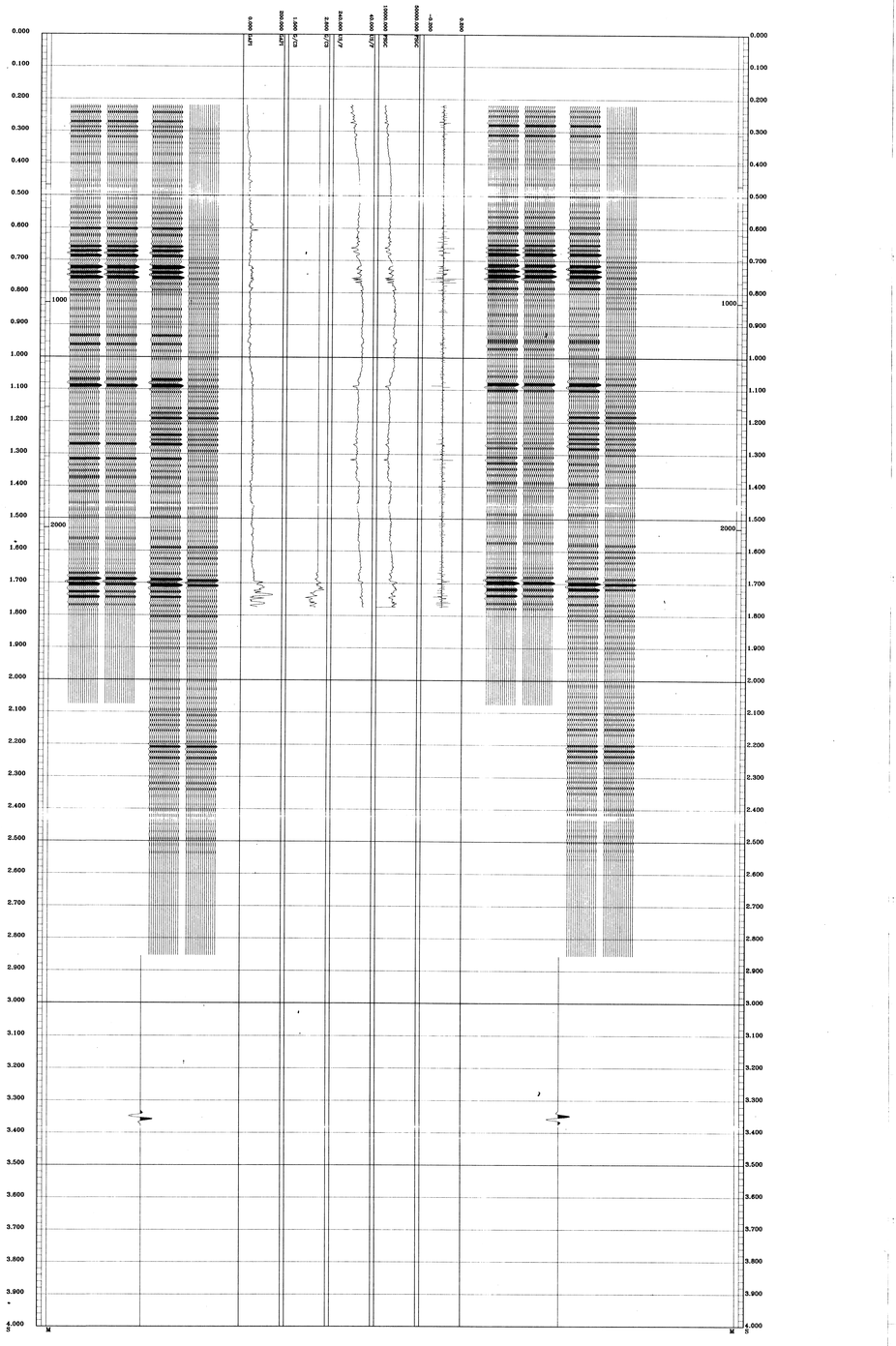
REFLECTION
50000.000 FPSG
-0.200
0.200

MULTIPLES ONLY
REVERSE POLARITY

PRIMARIES AND MULTIPLES
REVERSE POLARITY

PRIMARIES WITH TRANSMISSION LOSS
REVERSE POLARITY

PRIMARIES
REVERSE POLARITY



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COMPANY ESSO AUSTRALIA LTD
FIELD KINGFISH
WELL KINGFISH #8
COUNTRY AUSTRALIA