Schlumberger

MELBOURNE LOG INTERPRETATION CENTRE

BARCODE
PE603396

GEOGRAM*

(Synthetic Seismogram)

*A Mark of Schlumberger

Company:	ESSO AUSTRALIA LTD				
Well:	KINGFISH 9				
Field:	KINGFISH				
Country:	AUSTRALIA				
Reference No:	560781	Interval:	2429.00	to	240.00
Date Logged:	23-04-92	Date Processed:	30-4-92		
Location:	38 63' 0" S		148 149' 0" E		
Elevations:	KB: 22.00	DF: 21.70		GL: -76.00	
Permanent Datum:	MSL	Depth Units:	METRES		

LOG INFORMATION

FIELD RECORDING:	Engineer:	M HELWIG	Location:		Program Version:	32.4	
COMPUTATION:	Analyst:	T. BOWMAN	Centre:	STJ	Baseline:	20.0	

ELEVATION ABOVE MEAN SEA LEVEL

Logging Datum:	22.00
Seismic Reference Datum:	0.00

Sonic Calibration By Check Shots: 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	Date	Tool Type		Bit Size/ Depth	Casing Size/ Depth	Top Depth	Bottom Depth
1	15-04-92	AS		-	-	820 M	2240 M
2	23-04-92	AS		-	-	240 M	820 M
-	-	-		-	-	-	-

VSP Run	Date	Gun Offset	Hydro Offset	Gun Elevation	Hydro Elevation	Gun Azimuth	Hydro Azimuth
1	24-04-92	69 M	69 M	10 M BELOW MSL	15 M BELOW MSL	325	325
-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-

GEOGRAM MODEL ASSUMPTIONS

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

POLARITY

An upgoing 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 results correspond to a wavelet convolved with a reflection coefficient of -0.5 (A decrease in accoustic impedance with depth).

REMARKS

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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 interpretation 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 **
35 HERTZ ZERO PHASE
RICKER WAVELET WITH -90 DEG. PHASE SHIFT
KINGFISH-9

MULTIPLES ONLY
REVERSE POLARITY

PRIMARIES AND MULTIPLES
REVERSE POLARITY

PRIMARIES WITH TRANSMISSION LOSS
REVERSE POLARITY

PRIMARIES
REVERSE POLARITY

REFLECTION

ACOUSTIC
IMPEDANCE

SONIC

DENSITY

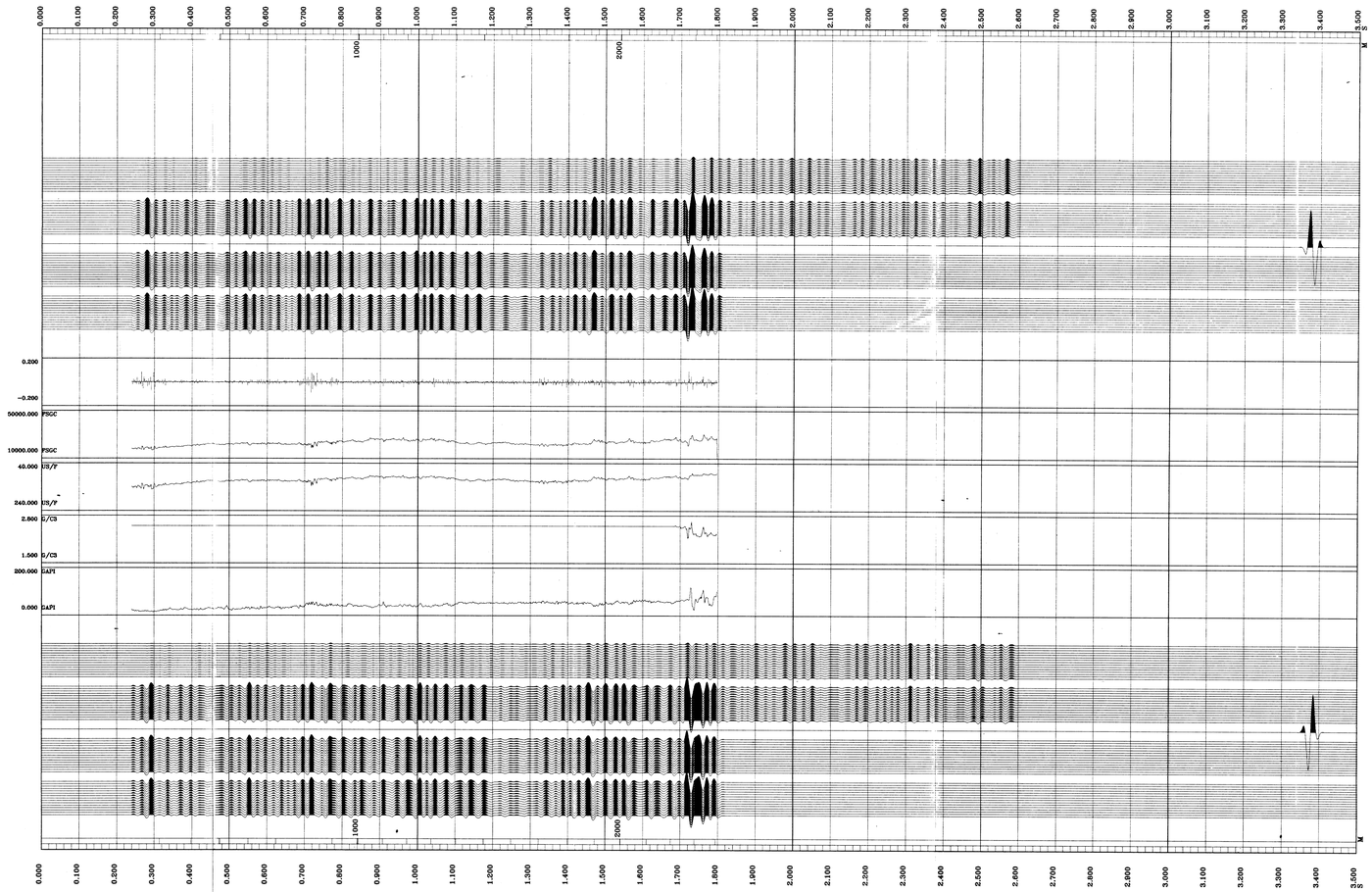
GAMMA RAY

MULTIPLES ONLY
NORMAL POLARITY

PRIMARIES AND MULTIPLES
NORMAL POLARITY

PRIMARIES WITH TRANSMISSION LOSS
NORMAL POLARITY

PRIMARIES
NORMAL POLARITY



COMPANY ESSO AUSTRALIA LTD
FIELD KINGFISH
WELL KINGFISH 9
COUNTRY AUSTRALIA

Schlumberger