From Kingfish-9 Sonic Calibration & Geogram Processing Report.

Schlumberger

MELBOURNE LOG INTERPRETATION CENTRE

GEOGRAM*

(Synthetic Seismogram)

DEPT. NAT. RES & ENV PE603398

* 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: SYJ	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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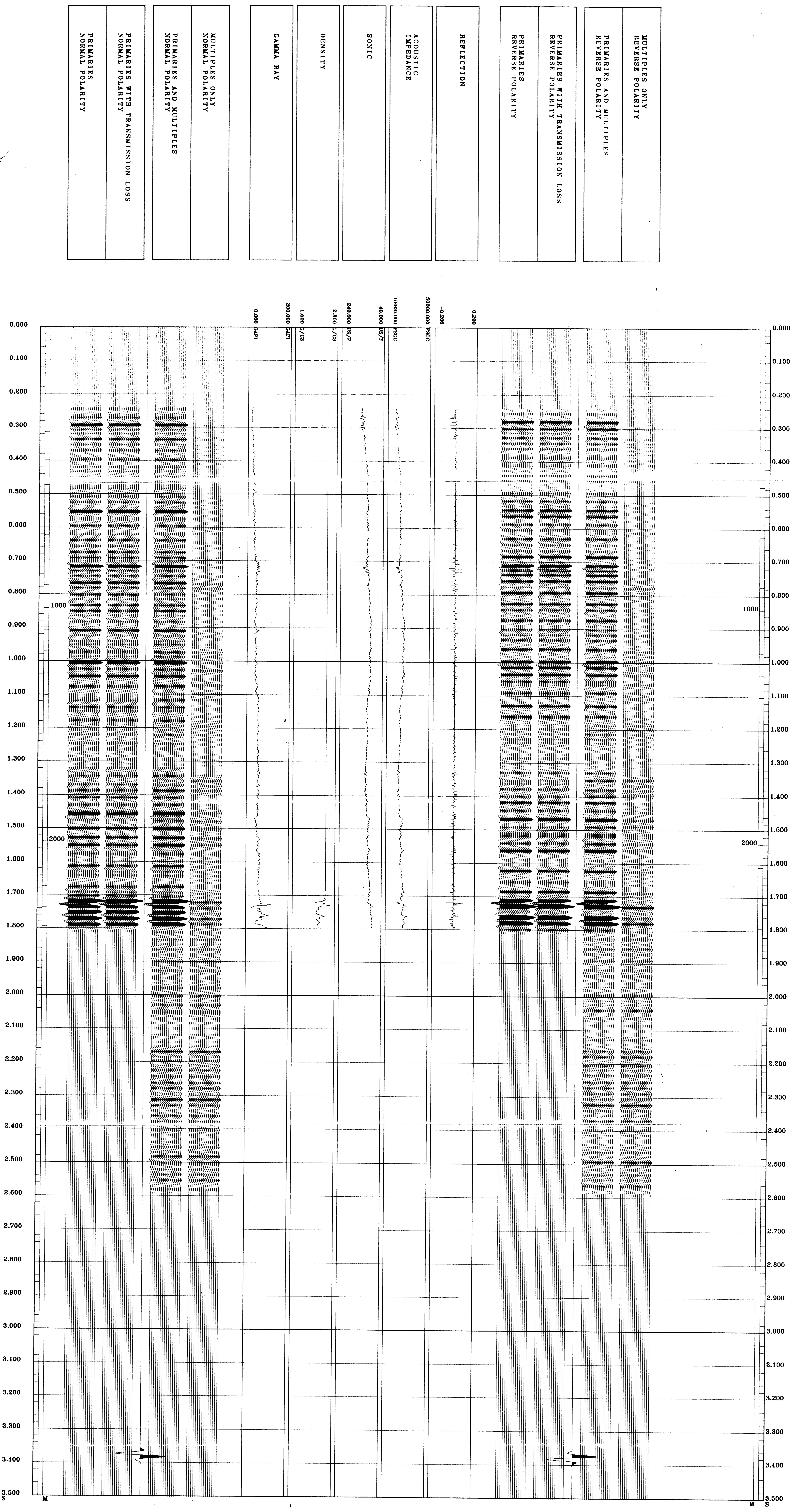
The well name, location and borehole reference data were furnished by the customer

** GEOGRAM **

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

KINGFISH-9



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FIELD	KINGFISH
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