Schlumberger

SYDNEY LOG INTERPRETATION CENTRE

GEOGRAM*

(Synthetic Seismogram)*

* A Mark of Schlumberger

Company:	ESSO AUSTRALIA LTD		
Well:	KIPPER - 1 Geogram Processing Report		
Field:	WILDCAT		
Country:	AUSTRALIA		
Reference No:	560401	Interval:	0.00 to 2870.00
Date Logged:	31/03/86	Date Processed:	07/04/86
Location:	038 10' 34.855" S		148 35' 46.77" E
Elevations:	KB: 21.0 M	DF: 20.7 M	GL: -95.0 M
Permanent Datum:	MSL	Depth Units:	METRES

LOG INFORMATION

FIELD RECORDING: Engineer: S.P. RAMIAH Location: VEA Program Version: 28.2A

COMPUTATION: Analyst: M. SANDERS Centre: SYJ Baseline: 14.2

ELEVATION ABOVE MEAN SEA LEVEL

Logging Datum: 20.7 M
Seismic Reference Datum: MSL
Sea Floor -95.0 M

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: NO
Source of True Vertical Depth Data:
Maximum Hole Deviation:

Run	Date	Tool Type		Bit Size/ Depth	Casing Size/ Depth	Top Depth	Bottom Depth
1	07/03/86	SDTA		17 1/2" @ 846 M	20" @ 238 M	238.5 M	834.8 M
2	30/03/86	SDTA		12 1/4" @ 2875 M	13 3/8" @ 832 M	832 M	2860 M

WST Run	Date	Gun Offset	Accel. Offset	Gun Elevation	Accelerometer Elevation	Gun Azimuth	Accel. Azimuth
1	31/03/86	46.0 M	46.0 M	9.1 M below MSL	9.1 M below MSL	50°	50°

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

Sonic log interval 246 - 2860 metres below DF
Density log interval 1196 - 2870 metres below DF
Time Scale = 3.75 in/sec

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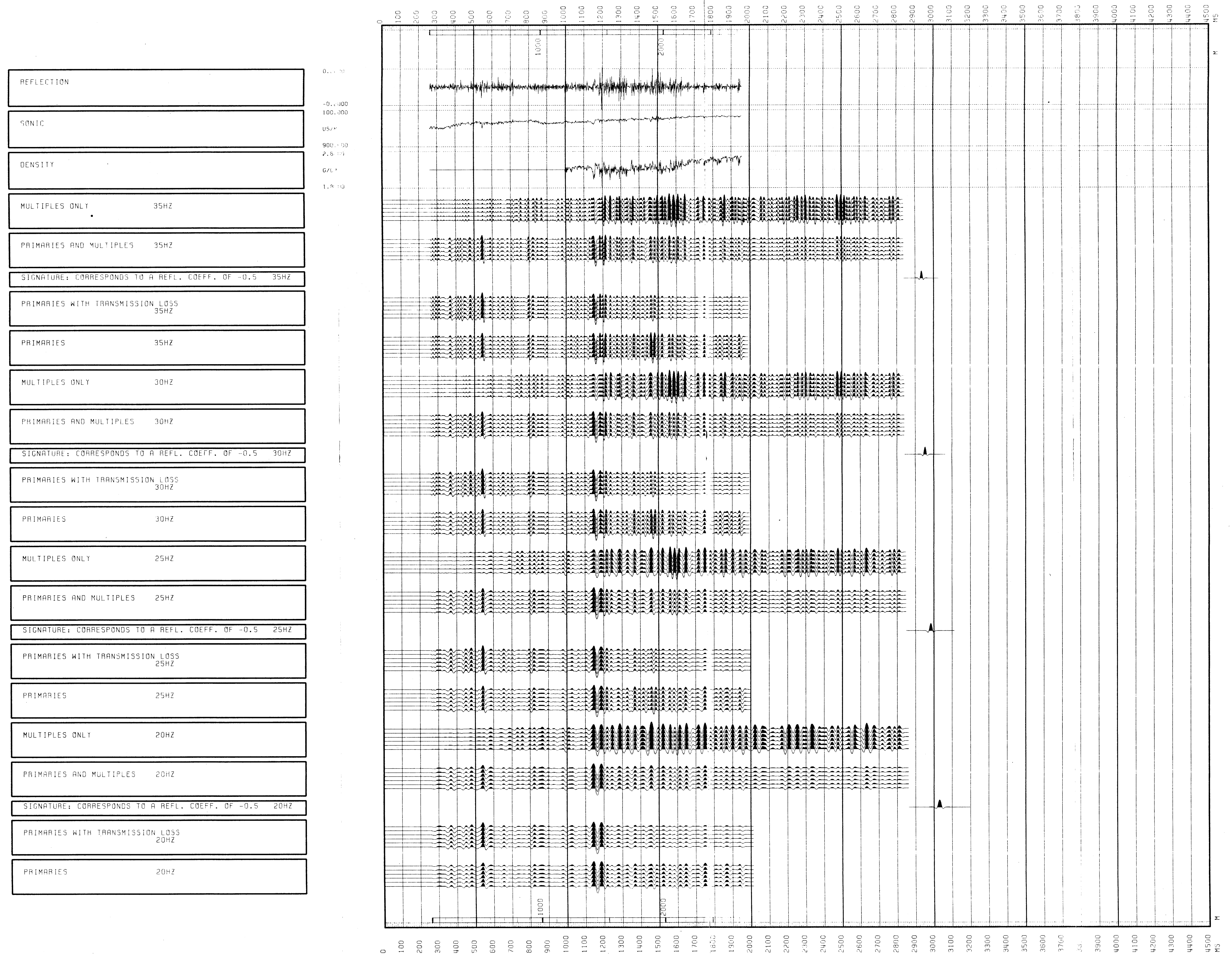
GEOGRAM FROM WST
RICKER WAVELETS
ZERO PHASE
NORMAL POLARITY

KIPPER - 1



GEOGRAM FROM WST
RICKER WAVELETS
ZERO PHASE
REVERSE POLARITY

KIPPER - 1