



GEOGRAM*

(Synthetic Seismogram)

A Mark of Schlumberger

Company: ESSO AUSTRALIA LTD 45 Hz
 Well: TURRUM-6
 Field: TURRUM
 Country: AUSTRALIA
 Reference No: SYJ-561162/561163 Interval: 2636.9998 to 140.00
 Date Logged: 14 OCT. 1995 Date Processed: 20 OCT 1995
 Location: 038 14' 11.108" S 148 10' 24.946" E
 Elevations: KB: 25.00 DF: 24.70 GL: -60.00
 Permanent Datum: MSL Depth Units: METRES

LOG INFORMATION

FIELD RECORDING: Engineer: R.JONSSON Location: Program Version: 700-427
 COMPUTATION: Analyst: S.TCHERKASHNEV Centre: SYJ Baseline: 20.5
 ELEVATION ABOVE MEAN SEA LEVEL
 Logging Datum: 25.00
 Seismic Reference Datum: 0.00
 Sonic Calibration By Check Shots: YES Sonic Edited By Analyst: YES
 Two-Way Time Sample Interval: 2 ms Environment: YES
 True Vertical Depth Corrections Applied: YES
 Source of True Vertical Depth Data:
 Maximum Hole Deviation: 0

Run	Date	Tool Type	Bit Size/ Depth	Casing Size/ Depth	Top Depth	Bottom Depth
1	28-09-95	DLL-LDL-GR	17.5 IN	30.0 IN	118 M	649 M
2	12-10-95	DLL-LDL-GR	12.2 IN	13.3 IN	648.5 M	2840 M

VSP Run	Date	Gun Offset	Hydro Offset	Gun Elevation	Hydro Elevation	Gun Azimuth	Hydro Azimuth
1	14-10-95	50 M	50 M	5 M BELOW MSL	10 M BELOW MSL	220 DEG	220 DEG

GEOGRAM MODEL ASSUMPTIONS

Equal time slice model of horizontal plane layers.
 Plane acoustic waves at normal incidence.
 No intrinsic attenuation.
POLARITY
 An ongoing 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 acoustic impedance with depth).

REMARKS

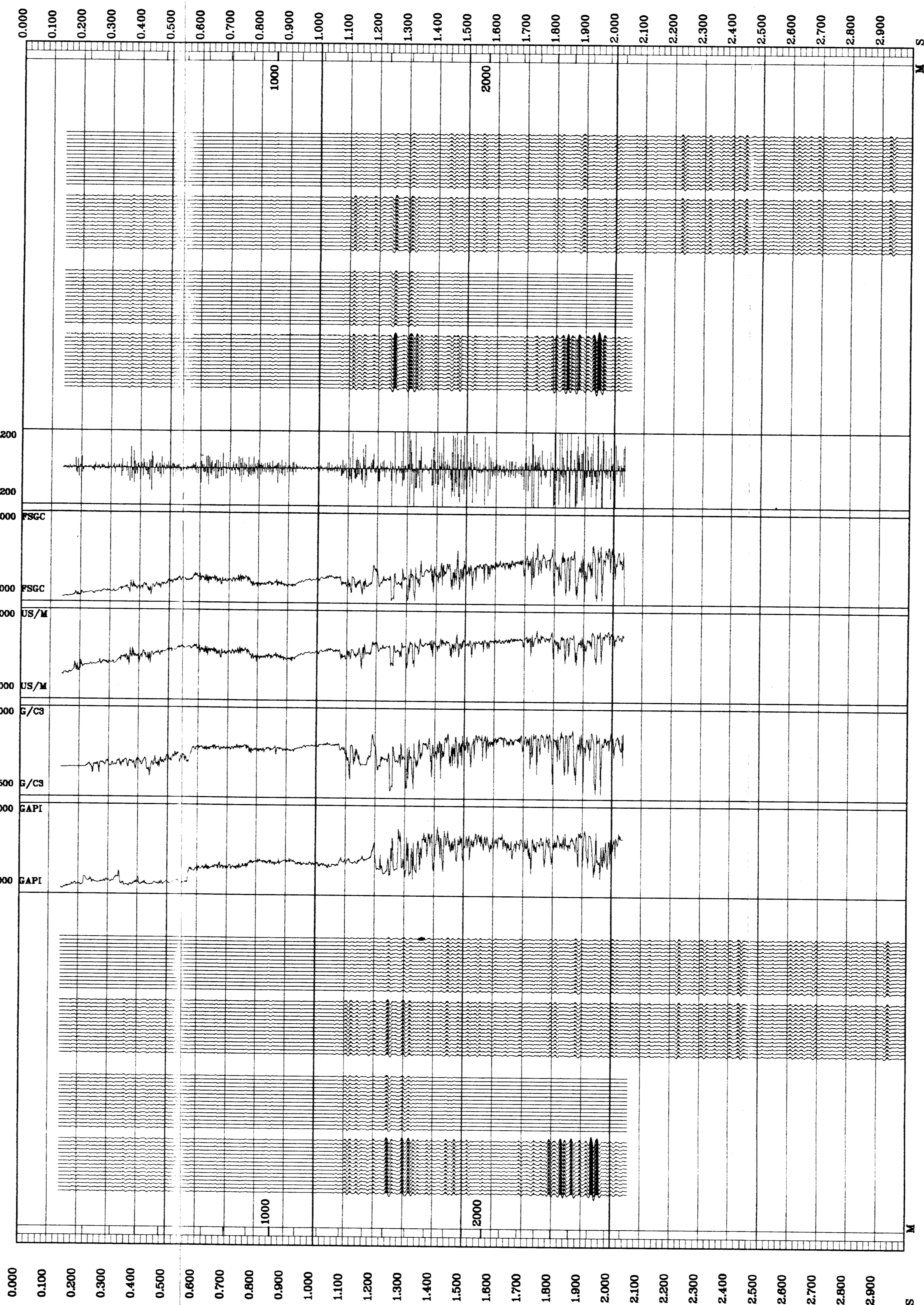
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** GEOGRAM **

45 HERTZ ZERO PHASE RICKER WAVELET

VERTICAL SCALE = 10 CM/SEC

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 TURRUM
 WELL TURRUM-6
 COUNTRY AUSTRALIA