

GEOGRAM

(Synthetic Seismogram)

25 HZ

Company: ESSO AUSTRALIA LTD.
 Well: MOONFISH-2
 Field: MOONFISH
 Country: AUSTRALIA
 Reference No: SY1561081
 Date Logged: 19-JAN-1985
 Location: 038 08' 57.689" S 148 01' 18.959" E
 Elevations: KB: 30.80 DF: 30.50 GL: -63.90
 Permanent Datum: MSL
 Depth Units: METRES

LOG INFORMATION

FIELD RECORDING Engineer: RON JOHNSON Location: VEA Program Version: 700-427
 COMPUTER: Analyst: A. WILSONO Core: 315 Bandwidth: 26.5
 Logging Datum: ELEVATION ABOVE MEAN SEA LEVEL
 30.80
 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: YES
 Source of True Vertical Depth Data: 24.1 DEG
 Maximum Hole Deviation: 24.1 DEG

Run	Date	Tool Type	BR Size (DIN)	Casing Size (DIN)	Top (DIN)	Bottom (DIN)
ONE	21-12-1984	AS-GH	17.5 IN		141 M	626 M
TWO	16-01-85	DR-GH	12.25 IN		793 M	2295 M
THREE	16-01-85	LDC-CHE	12.25 IN		1475 M	2288 M
VSP	Date	Gain	Gain	Hydro Emission	Gain	Hydro Emission
ONE	16-01-85	MORNING	MORNING	5 M BELOW HSL	10 M BELOW HSL	20-195 DEG 30-195 DEG

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 acoustic impedance with depth).

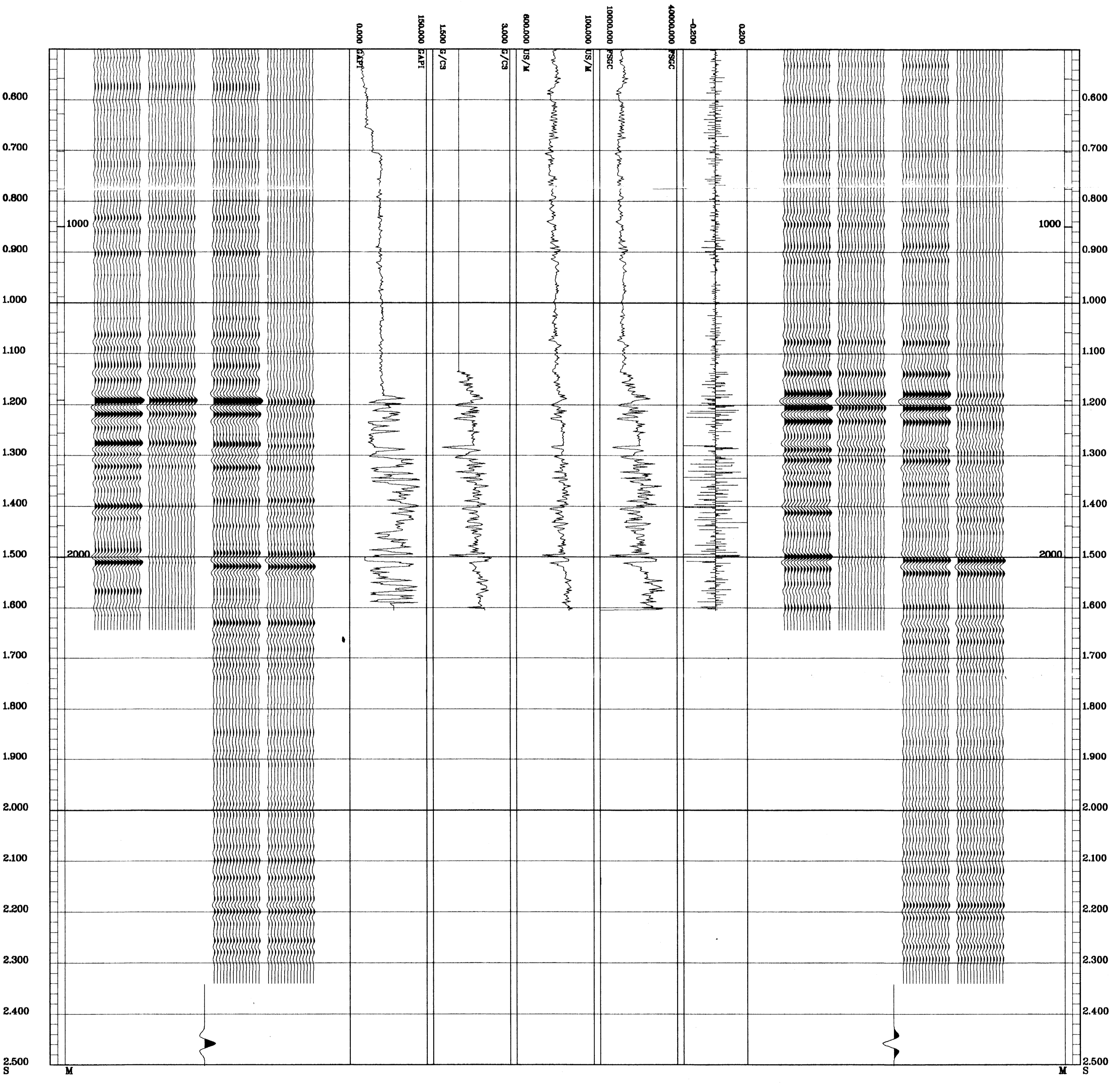
REMARKS

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 willful negligence on our part, be liable or responsible for any loss, costs, damages or expense incurred or sustained by anyone resulting from any interpretation 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 ****
25 HERTZ ZERO PHASE RICKER WAVELET
 VERTICAL SCALE = 20 CM/SEC

MULTIPLES ONLY REVERSE POLARITY
PRIMARYS AND MULTIPLES REVERSE POLARITY
PRIMARYS WITH TRANSMISSION LOSS REVERSE POLARITY
PRIMARYS REVERSE POLARITY
REFLECTION
ACOUSTIC IMPEDANCE
SONIC
DENSITY
GAMMA RAY
MULTIPLES ONLY NORMAL POLARITY
PRIMARYS AND MULTIPLES NORMAL POLARITY
PRIMARYS WITH TRANSMISSION LOSS NORMAL POLARITY
PRIMARYS NORMAL POLARITY



COMPANY ESSO AUSTRALIA LTD.
 FIELD MOONFISH
 WELL MOONFISH-2
 COUNTRY AUSTRALIA

