

# GEOGRAM\*

(Synthetic Seismogram)

A Mark of Schlumberger

Company: BHP PETROLEUM  
Well: LONGTOM-1  
Field: WILDCAT  
Country: AUSTRALIA

Reference No: SV156117/561118  
Date Logged: 26-MAY-1995  
Location: 088 06 00.03° S  
Elevations: NG: 25.30  
Permanent Datum: MSL

Internal: 2225.00 to 100.00  
Date Processed: 23 JUN 1995  
148 18 54.23° E  
DF: 25.00  
QL: -56.25  
Depth Units: METRES

LOG INFORMATION

FIELD RECORDING: Engineer: R. JOHNSON  
COMPUTATION: Analyst: A. WILSON  
Logging Datum: ELEVATION ABOVE MEAN SEA LEVEL  
Seismic Reference Datum: 0.00

Scale Calibration by Check Shot: YES  
Scale Editor By Analyst: YES  
Velocity Time Sample Interval: 1.00  
The Nexted Depth Corrections Applied: YES  
Source or Time Variable Depth Data: 0

Run	Date	Type	Start Depth	End Depth	Start Depth	End Depth	Start Depth	End Depth
CNE	18-05-1995	DL-518	172.0 M	172.0 M	80 M	80 M	700 M	700 M
CNO	26-05-1995	DL-525	122.0 M	122.0 M	5 M BELOW MSL	10 M BELOW MSL	67.0 M	67.0 M

GEOGRAM MODEL ASSUMPTIONS

Equal time slices needed of horizontal plane layers.  
Polarity: An increasing 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).

The well name, location and borehole reference data were furnished by the customer.

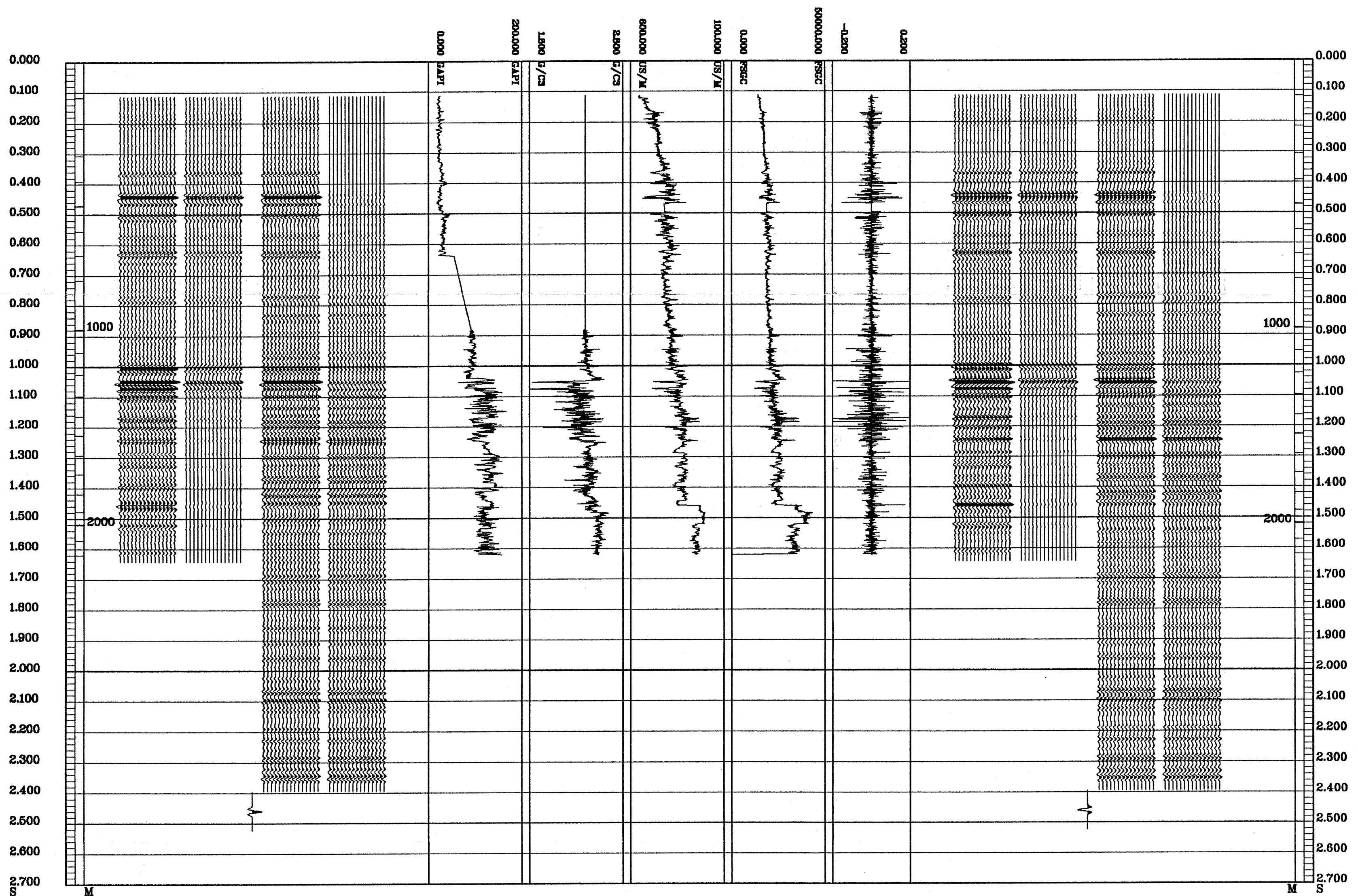
All interpretations are opinions based on inferences from electrical or other measurements and we cannot, and do not guarantee the accuracy or correctness of any interpretations, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages or 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 \*\*

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
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PRIMARIES NORMAL POLARITY



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