

GEOGRAM*



(Synthetic Seismogram)

* A Mark of Schlumberger

Company: BEACH PETROLEUM N.L.
 Well: SQUATTER - 1
 Field: WILDCAT
 Country: AUSTRALIA
 Reference No: 570810 Interval: 0.00 to 1492.00
 Date Logged: 06/08/87 Date Processed: 14/08/87
 Location: 037 52' 26.0" S 141 08' 09.0" E
 Elevations: KB: 61.7 F DF: 61.4 F GL: 57.1 F
 Permanent Datum: MSL Depth Units: METRES

LOG INFORMATION

FIELD RECORDING: Engineer: J. PATEL Location: VEA Program Version: 28.4
 COMPUTATION: Analyst: M. SANDERS Centre: SYJ Baseline: 14.10X4

ELEVATION ABOVE MEAN SEA LEVEL

Logging Datum: 61.7 M
 Seismic Reference Datum: MSL
 Ground Level: 57.1 M
 Sonic Calibration By Check Shots: YES Sonic Edited By Analyst: YES

Two-Way Time Sample Interval: 2 ms Environment: onshore

True Vertical Depth Corrections Applied
 Source of True Vertical Depth Data:
 Maximum Hole Deviation:

Run	Date	Tool Type	Bit Size/Depth	Casing Size/Depth	op Depth	Bottom Depth
1	06-08-87	BHC	8 1/2" @ 1492 M	9 5/8" @ 323 M	323	1492

VSP Run	Date	Gun Offset	Hydro Offset	Gun Elevation	Hydrophone Elevation	Gun Azimuth	Hydro. Azimuth
1	07-08-87	31 M		15 M below GL	1.0 M below GL	180 °	180 °

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

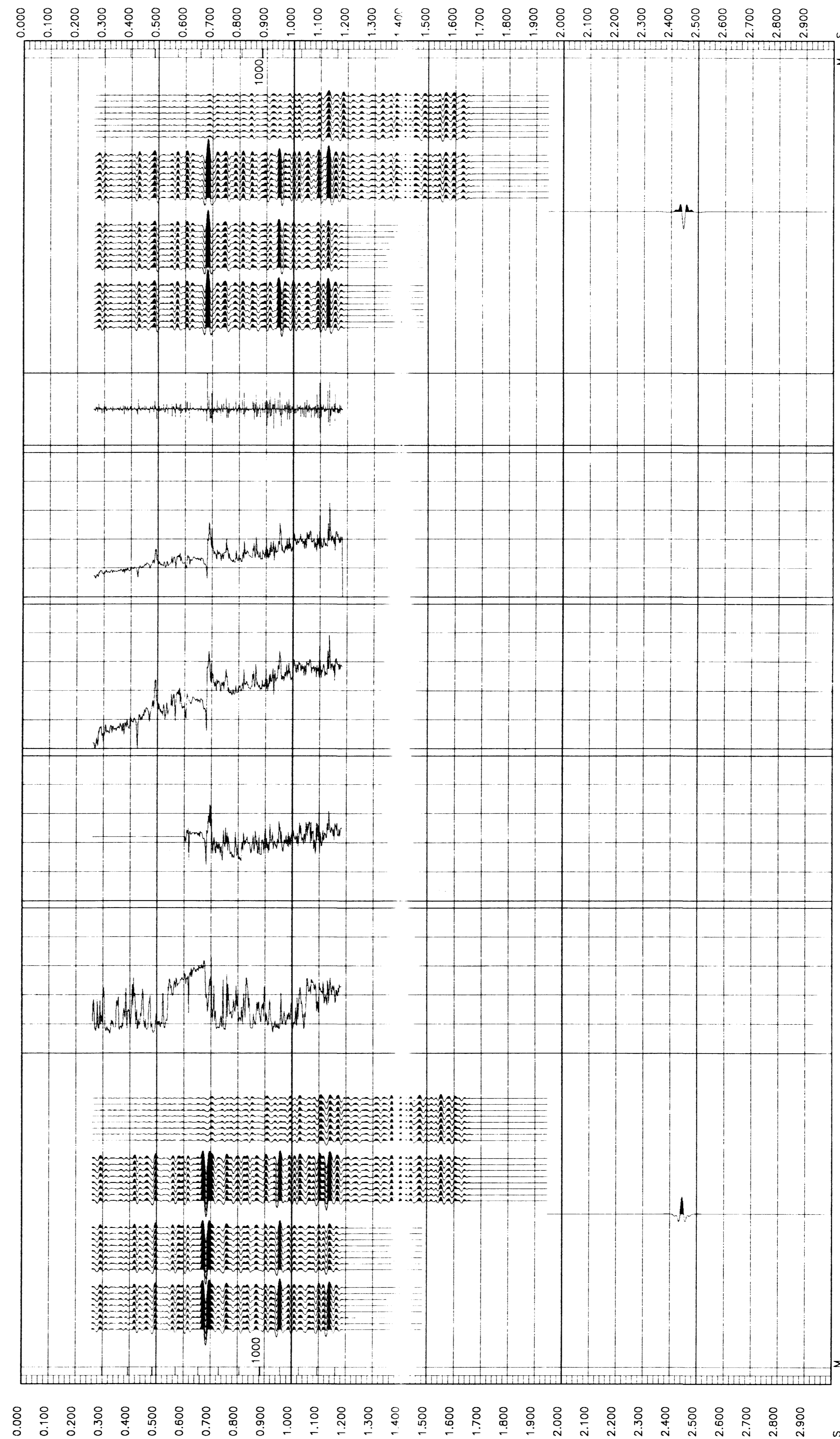
The well name, location and borehole reference data were furnished by the customer.

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 expenses incurred or sustained by anyone relying from any interpretations made by our employees. These interpretations are also subject to Clause 4 of our General Terms and Conditions set out in our current Price Schedule.

** GEOGRAM ** 12-60 HERTZ ZERO PHASE BUTTERWORTH WAVELET SQUATTER - 1

GEOGRAM TRACES NORMALIZED IN A WINDOW FROM 0.95 TO 1.40 SECONDS

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 BEACH PETROLEUM N.L.
 FIELD WILDCAT
 WELL SQUATTER - 1
 COUNTRY AUSTRALIA