

GEOGRAM * (Synthetic Seismogram)



WELL: SHELL AUSTRALIA GUMMY #1
FIELD: GIPSLAND BASIN
COUNTRY: AUSTRALIA

Well: SHELL AUSTRALIA GUMMY #1
Field: GIPSLAND BASIN
Country: AUSTRALIA
Reference No: 56022
Date Logged: 5 JUN 90
Well: 38173650' S
Location: GZ 28.40
Elevation: GZ 28.40
Permanent Datum: MSL
Interval: 30550002 to 1000.00
Date Processed: 25/11/90
Depth Unit: METRES

LOG INFORMATION

Field Well: GUMMY #1
Well: SHELL AUSTRALIA GUMMY #1
Elevation: GZ 28.40
Location: GZ 28.40
Depth Unit: METRES
Logging Date: 25/11/90
Elevation Above Mean Sea Level: 28.40
Sonic Reference Datum: 0.00
Sonic Calibration By Check Shot: YES
Sonic Edited By Analyst: YES
Time-View Time (Original Interval): 2 ms
Environment: ENCOURTMENT

Time-View Time (Original Interval): 2 ms
Environment: ENCOURTMENT
Magnetic Head Orientation: 0

Top Depth	Bottom Depth	Interval	Stratigraphic Unit	Formation	Zone
0.00	0.00	0.00			
0.00	0.00	0.00			
0.00	0.00	0.00			

GEOGRAM MODEL ASSUMPTIONS
Equal time slope 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.

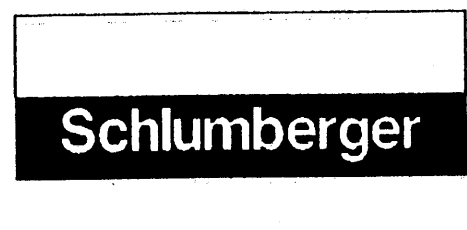
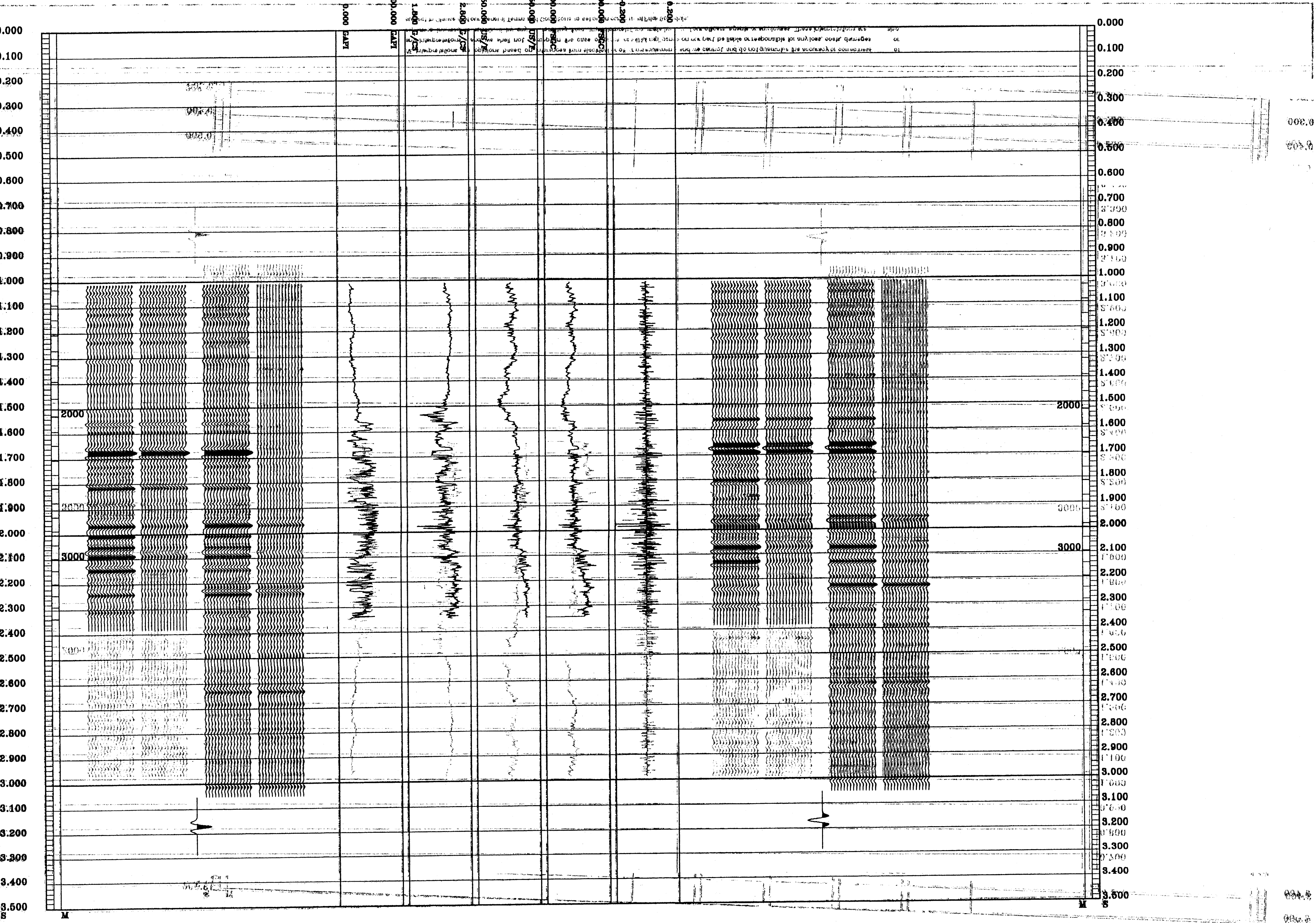
SIGNATURES
All signatures displayed in the Geogram results correspond to a wavelet convolved with a reflection coefficient of -0.5 (A decrease in acoustic impedance with depth).
REFLECTIONS

RETURNS
MUTIPLES ONLY
REVERSE POLARITY
PRIMARIES AND MULTIPLES
REVERSE POLARITY
PRIMARIES WITH TRANSMISSION LOSS
REVERSE POLARITY
PRIMARIES ONLY
NORMAL POLARITY
PRIMARIES AND MULTIPLES
NORMAL POLARITY
PRIMARIES WITH TRANSMISSION LOSS
NORMAL POLARITY

The well name, location and borehole reference data were furnished by the customer.
All interpretations are based on information from electrical or other measurements and we cannot, and do not, guarantee the accuracy or correctness of any interpretations and we shall not be liable in the case of loss or willful negligence on our part be liable or responsible for any loss, costs, damages or expense incurred by anyone resulting from any interpretations made by any of our officers, agents or employees. These interpretations are subject to Clause 5 of our General Terms and Conditions as set out in our current Price Schedule.

CLIENT = SHELL AUSTRALIA
FIELD = GIPSLAND BASIN
WELL = GUMMY #1
* * GEOGRAM * *
25 HERTZ ZERO PHASE
RICKER WAVELET
GUMMY #1

PRIMARIES AND MULTIPLES REVERSE POLARITY	PRIMARIES AND MULTIPLES NORMAL POLARITY
PRIMARIES WITH TRANSMISSION LOSS REVERSE POLARITY	PRIMARIES WITH TRANSMISSION LOSS NORMAL POLARITY
MULTIPLES ONLY REVERSE POLARITY	MULTIPLES ONLY NORMAL POLARITY
PRIMARIES ONLY REVERSE POLARITY	PRIMARIES ONLY NORMAL POLARITY



ALERT COMPANY: SHELL AUSTRALIA
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