

# GEOGRAM\*

(Synthetic Seismogram)



Company: ESSO AUSTRALIA LTD

Well: BLENNY 1

Field: WILDCAT

Country: AUSTRALIA

Reference No: 560796

Date Logged: 7/05/92

Location: 38 47 3 S

Elevations: KB: 22.00 DF: 21.70 GL: -40.00

Permanent Datum: MSL

Interval: 1380.00 to 180.00

Date Processed: 21/5/92

Depth Units: METRES

Program Version: 32.4

Chart: 501

Scale: 20.0

Logging Datum: 22.00

Seismic Reference Datum: 0.00

Sonic Calibration by Check Shots: YES

Sonic Edited by Analyst: YES

Two-Way Time Sample Interval: 2 ms

Environment: offshore

True Vertical Depth Corrections Applied:

Source of True Vertical Depth Data:

Minimum Hole Deviation:

Run	Date	Type	Top Depth	Bottom Depth	Top Depth	Bottom Depth
1	4/05/92	AS	613 M	1574 M	613 M	1574 M
2	7/05/92	AS	613 M	1403 M	613 M	1403 M

### 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).

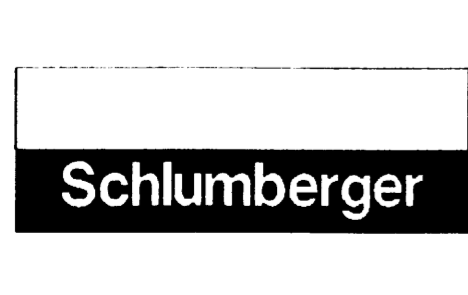
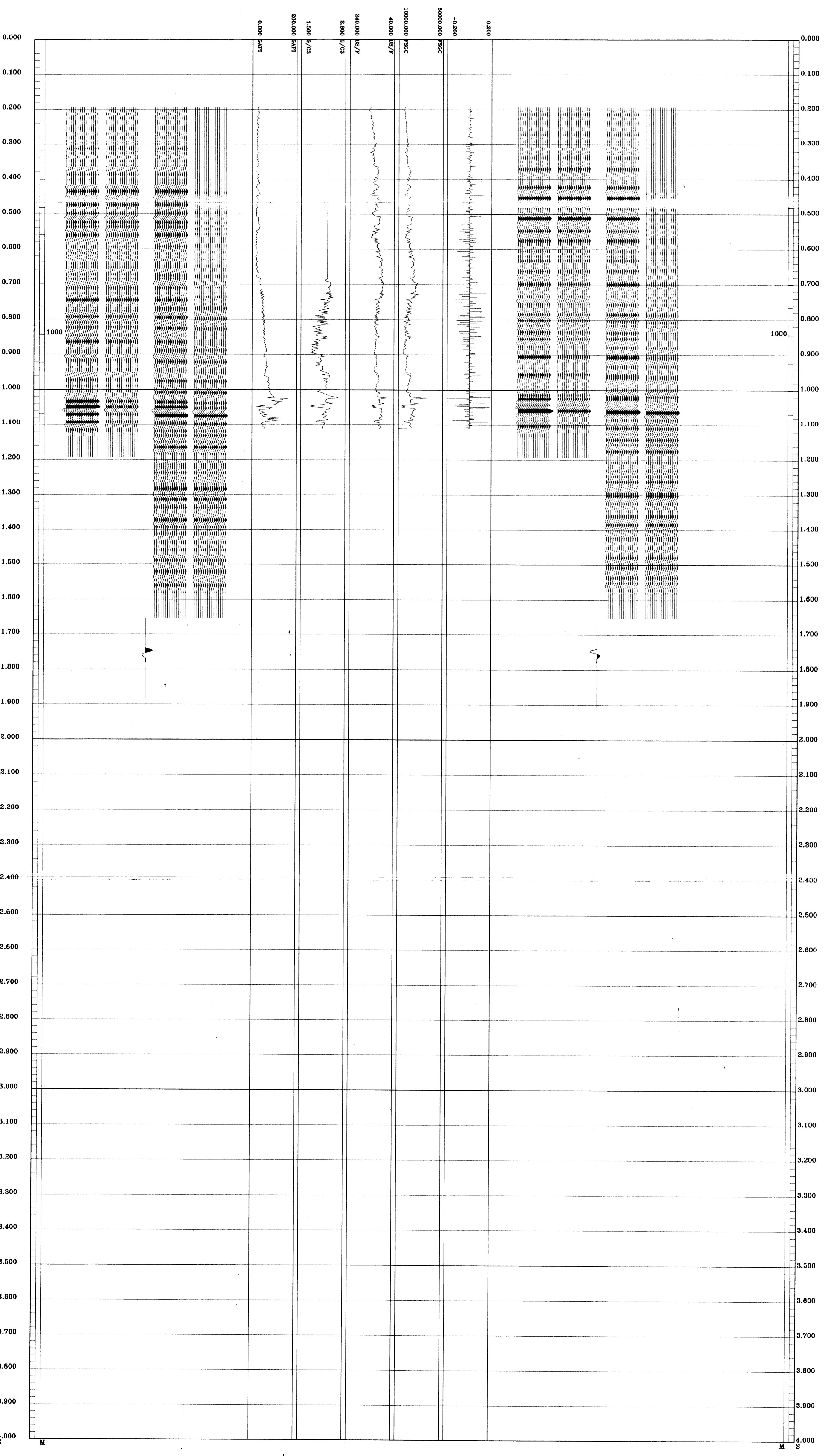
DETAILS

## \*\* GEOGRAM \*\*

### 35 HERTZ MINIMUM PHASE RICKER WAVELET

#### BLENNY-1

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



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