



# GEOGRAM\*

(Synthetic Seismogram)

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Company:	ESSO AUSTRALIA LTD
Well:	BLENNY-1
Field:	WILDCAT
Country:	AUSTRALIA
Reference No:	560796
Date Logged:	7-05-92
Location:	38 47' S 147 41' E
Well Depth:	22.00
Environment:	Offshore

### LOG INFORMATION

Logging Datum:	ELEVATION ABOVE MEAN SEA LEVEL	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

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

Run	Date	Tool Type	Bit Size	Clearing Size	Top Depth	Bottom Depth
1	4-28-92	AD	AD		610 M	1571 M
2	7-28-92	AD	AD		420	782

### GEOGRAM MODEL ASSUMPTIONS

Equal time step 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.

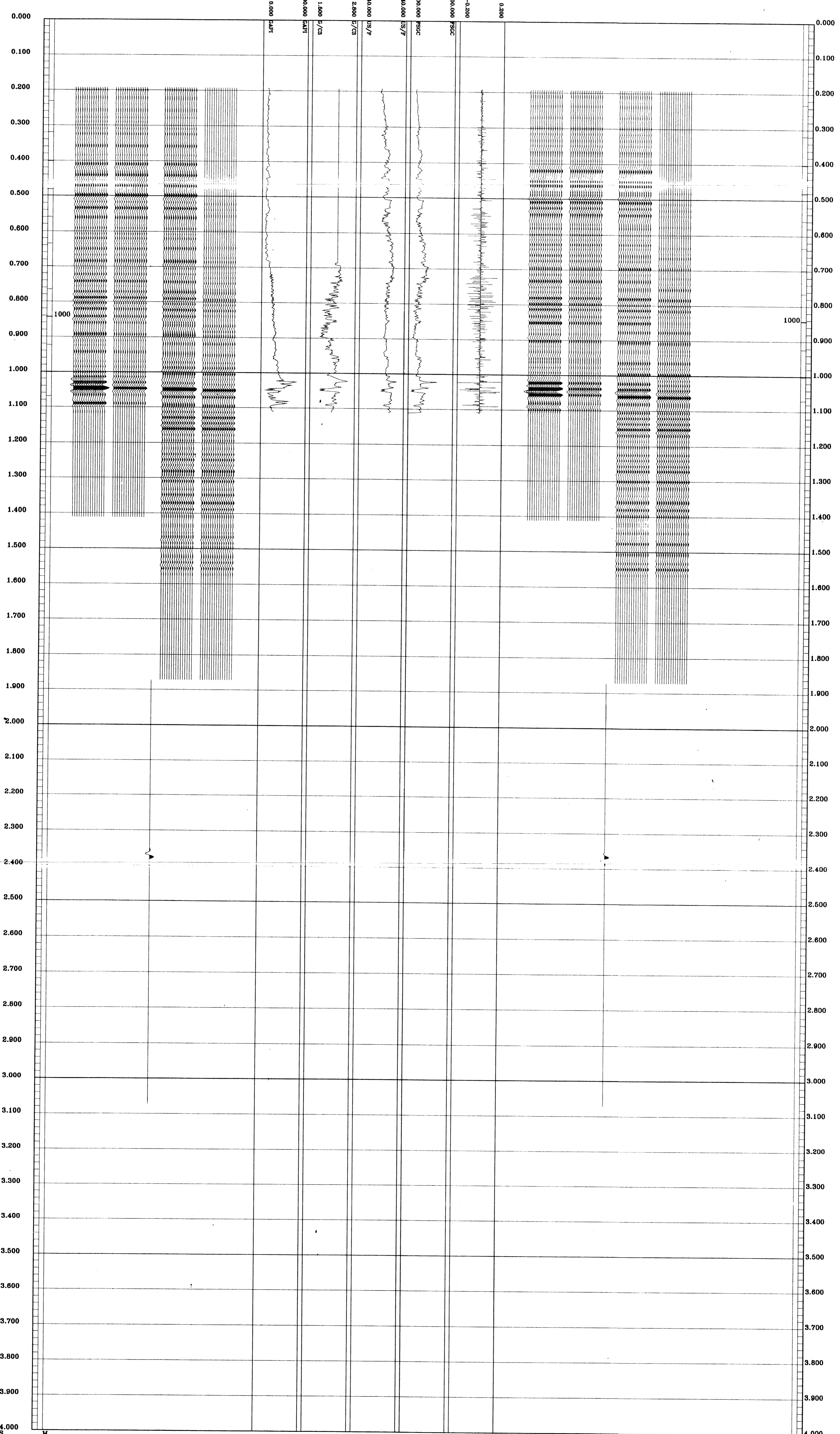
**SIGNATURES**  
All signatures displayed in the Geogram results correspond to a wavelet convolved with a reflection coefficient of 0.5 (A decrease in acoustic impedance with depth).

PF MARKERS

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 WITH -90 DEG. PHASE SHIFT**  
**BLENNY-1**

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



COMPANY ESSO AUSTRALIA LTD  
FIELD WILDCAT  
WELL BLENNY 1  
COUNTRY AUSTRALIA

