Schlumberger

MELBOURNE LOG INTERPRETATION CENTRE

GEOGRAM*

(Synthetic Seismogram)

* A Mark of Schlumberger

Company:	ESSO AUSTRALIA LTD.				
Well:	HALIBUT #2				
Field:	HALIBUT				
Country:	AUSTRALIA				
Reference No:	SYJ.560997	Interval:	2585.00	to	430.00
Date Logged:	04-MAR-1994	Date Processed:	11-MAR-1994		
Location:	038 23' 45.42" S	148 19' 47.79" E			
Elevations:	KB: 25.00	DF: 24.70	GL: -79.00		
Permanent Datum:	MSL	Depth Units:	METRES		

DIST. NO: BELL 001
PE904667

LOG INFORMATION

FIELD RECORDING:	Engineer:	S MANNSHEIMER	Station:	VSA	Program Version:	SCC-423	
COMPUTATION:	Analyst:	A WIBISONO	Centre:	SYJ	Baseline:	5.5	

ELEVATION ABOVE MEAN SEA LEVEL

Logging Datum:	25.00
Seismic Reference Datum:	0.00

Sonic Calibration By Check Shots: YES Sonic Edited By Analyst: YES

Two-Way Time Sample Interval: 2 ms Environment:

True Vertical Depth Corrections Applied: -
Source of True Vertical Depth Data: -
Maximum Hole Deviation: 0

Run	Date	Tool Type		Bit Size/ Depth	Casing Size/ Depth	Top Depth	Bottom Depth
1	03-03-94	AS-MGFL		8.875 IN	-	25 M	2603 M
1	04-03-94	FM-LDL		8.875 IN	-	2500 M	2608 M

VSP Run	Date	Gun Offset	Hydro Offset	Gun Elevation	Hydro Elevation	Gun Azimuth	Hydro Azimuth
1	06-03-94	38 M	38 M	7 M BELOW MSL	14 M BELOW MSL	57 DEG	57 DEG

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 accoustic impedance with depth).

[8 IMPRINTS]

The user takes location and interpretive responsibility for the information he receives with the Schlumberger Log Interpretation Centre.

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Clients of our Services Terms and Conditions are set out in our current Price Schedule.

PG2-0-4E-RE

** GEOGRAM **
35 HERTZ ZERO PHASE
RICKER WAVELET

VERTICAL SCALE = 40 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

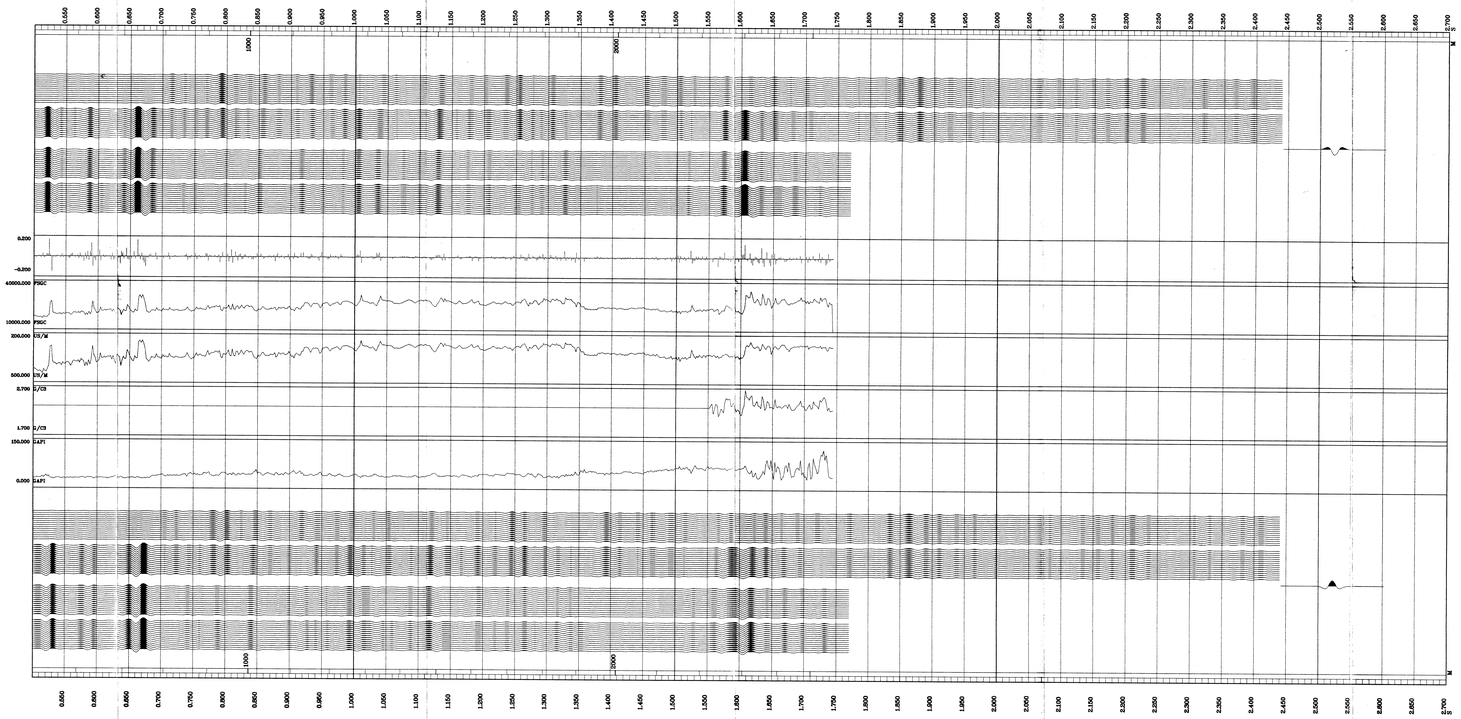
GAMMA RAY

MULTIPLES ONLY
NORMAL POLARITY

PRIMARIES AND MULTIPLES
NORMAL POLARITY

PRIMARIES WITH TRANSMISSION LOSS
NORMAL POLARITY

PRIMARIES
NORMAL POLARITY



COMPANY ESSO AUSTRALIA LTD.
FIELD HALIBUT
WELL HALIBUT #2
COUNTRY AUSTRALIA

Schlumberger