

Schlumberger

SYDNEY LOG INTERPRETATION CENTRE



GEOGRAM*

(Synthetic Seismogram)

* A Mark of Schlumberger

Company: ESSO AUSTRALIA LTD.
 Well: SNOOK #1
 Field: WILDCAT
 Country: AUSTRALIA
 Reference No: 56558 Interval: 1526.00 to 175.00
 Date Logged: 26 JAN 90 Date Processed: 12/2/90
 Location: 38 19'41.46" S 147 24'17.87" E
 Elevations: KB: 21.00 DF: 20.70 GL: -28.00
 Permanent Datum: MSL Depth Units: METRES

LOG INFORMATION

FIELD RECORDING: Engineer: AGUS H. Location: Program Version: 32.2
 COMPUTATION: Analyst: ZKATELIS Centre: SYJ Baseline: 16.11X3

ELEVATION ABOVE-MEAN SEA LEVEL

Logging Datum: 21.00
 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
					175	1526

VSP Run	Date	Gun Offset	Hydro Offset	Gun Elevation	Hydro Elevation	Gun Azimuth	Hydro Azimuth
1	24-2-90	40 M	40 M	5 BELOW MSL	9 M BELOW MSL	95 DEG	95 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 acoustic impedance with depth).

REMARKS

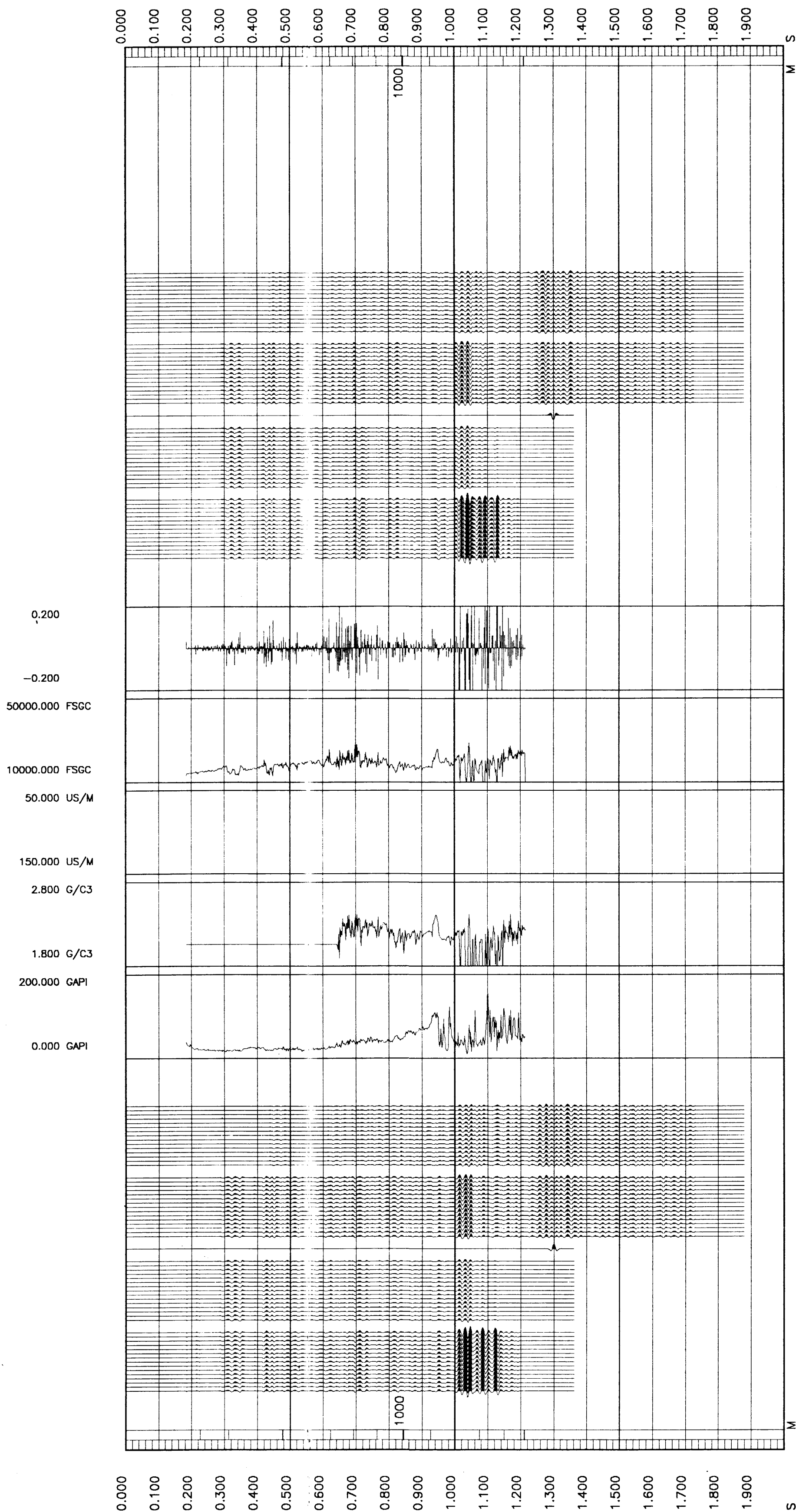
The well name, location and borehole reference data were furnished by the customer. All interpretations are opinions based on inferences from electrical or other measurements and we cannot, and do not guarantee, the accuracy of any measurements or data. Schlumberger is not liable or responsible for any 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.

FOLD HERE

CLIENT = ESSO AUSTRALIA LTD.
 FIELD = WILDCAT
 WELL = SNOOK 1

** GEOGRAM **
 45 HERTZ ZERO PHASE
 RICKER WAVELET
 SNOOK 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



COMPANY ESSO AUSTRALIA LTD.
 FIELD WILDCAT
 WELL SNOOK #1
 COUNTRY AUSTRALIA

Schlumberger