

GEOGRAM

(Synthetic Seismogram)



Company: ESSO AUSTRALIA LTD
 Well: MOONFISH 1
 Field: WILDCAT
 Country: AUSTRALIA
 Reference No: 560008
 Data Logged: 13/07/92
 Location: 38 14' 7" S
 Elevations: KB: 23.00 DF: 22.70 GL: -82.00
 Permanent Datum: MSL
 Depth Units: METRES

LOG INFORMATION

FIELD RECORDING: Engineer: M. HELMIG Location: Program Version: 3.1
 Contribution: Asset: T. SCHMANN Core: 912 Base: 203
 Logging Datum: 23.00
 Seismic Reference Datum: 0.00
 Sonic Calibration By: Checki 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:
 Maximum Hole Deviation:

Run	Date	Tool Type	Bit Size/Depth	Casing Size/Depth	Top Depth	Bottom Depth
1	14-08-92	AS			863 M	75 M
2	14-07-92	AS			863 M	843 M
1	14-07-92	Geo OHM	Geo OHM	Geo OHM	15 M BELOW HBL	15 M BELOW HBL
2						

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 -0.15 (a decrease in acoustic impedance with depth).

The well name, logs in and borehole numbers & data were furnished by the customer.
 All interpretations are opinions based on information from electrical or other measurements and we warrant, and do not guarantee the accuracy or correctness of any interpretations, and we shall not be liable for any loss or damage or expense incurred or sustained by anyone arising from any interpretation 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 ****
25 HERTZ ZERO PHASE
RICKER WAVELET WITH -90 DEG. PHASE SHIFT
MOONFISH-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

