

GEOGRAM*

(Synthetic Seismogram)



Company: ESSO AUSTRALIA LTD
 Well: MOONFISH 1
 Field: WILDCAT
 Country: AUSTRALIA
 Reference No: 560909
 Inwell: 2800.00 to 185.00
 Date Logged: 13-07-82 Date Processed: 27-7-82
 Location: 38 14 7' S 148 02 2' E
 Elevations: KB: 23.00 DF: 22.70 GI: 52.00
 Permanent Datum: MSL Depth Units: METERS

LOG INFORMATION

FIELD RECORDING: Engineer: M.HENNING Location: Program Revision: 32.4
 COMPLETION: Analyst: T. BOUMANN Case: 574 Baseline: 20.0
 Logging Datum: 23.00
 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:
 Maximum Hole Deviation:

Run	Date	Type	Top Depth	Bottom Depth	Bit Size	Casing Size	Top Depth	Bottom Depth
1	16-08-82	AS		689 M	AS	10.8 IN	75 M	
2	13-07-82	AS		2052 M	AS	13.8 IN	643 M	
1	14-07-82		10.8 IN BELOW HSL	13.8 IN BELOW HSL				
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 0.5 (A decrease in acoustic impedance with depth).
UNIT MEASURES

The well name, location and isobase reference data were furnished by the customer.
 All interpretations are done based on inferences from electrical or other measurements and we do not guarantee the accuracy or correctness of any interpretations, and we shall not accept in the case of gross or willful negligence on our part, liability for any loss, damage or expense 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
MOONFISH-1

MULTIPLS ONLY REVERSE POLARITY
PRIMARIES AND MULTIPLS REVERSE POLARITY
PRIMARIES WITH TRANSMISSION LOSS REVERSE POLARITY
PRIMARIES REVERSE POLARITY
REFLECTION
ACOUSTIC IMPEDANCE
SONIC
DENSITY
GAMMA RAY
MULTIPLS ONLY NORMAL POLARITY
PRIMARIES AND MULTIPLS NORMAL POLARITY
PRIMARIES WITH TRANSMISSION LOSS NORMAL POLARITY
PRIMARIES NORMAL POLARITY

