

From W.L.R. JUDITH-1 Well I



SYDNEY LOG INTERPRETATION CENTRE

Schlumberger

GEOGRAM*

(Synthetic Seismogram)

Company: SHELL COMPANY OF AUSTRALIA
 Well: JUDITH #1
 Field: WILDCAT
 Country: AUSTRALIA
 Reference No: 56521 Interval: 2958.00 to 800.00
 Date Logged: 16 NOV 89 Date Processed: 5/12/89
 Location: 38 09'18.5" S 148 33'20.1" E
 Elevations: KB: 21.00 DF: 20.70 GL: -76.40
 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
					2958.0	800.0

VSP Run	Date	Gun Offset	Hydro Offset	Gun Elevation	Hydro Elevation	Gun Azimuth	Hydro Azimuth
1	16-11-89	40 M	40 M	5 M BELOW MSL	10 M BELOW MSL	40.0	40.0

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).

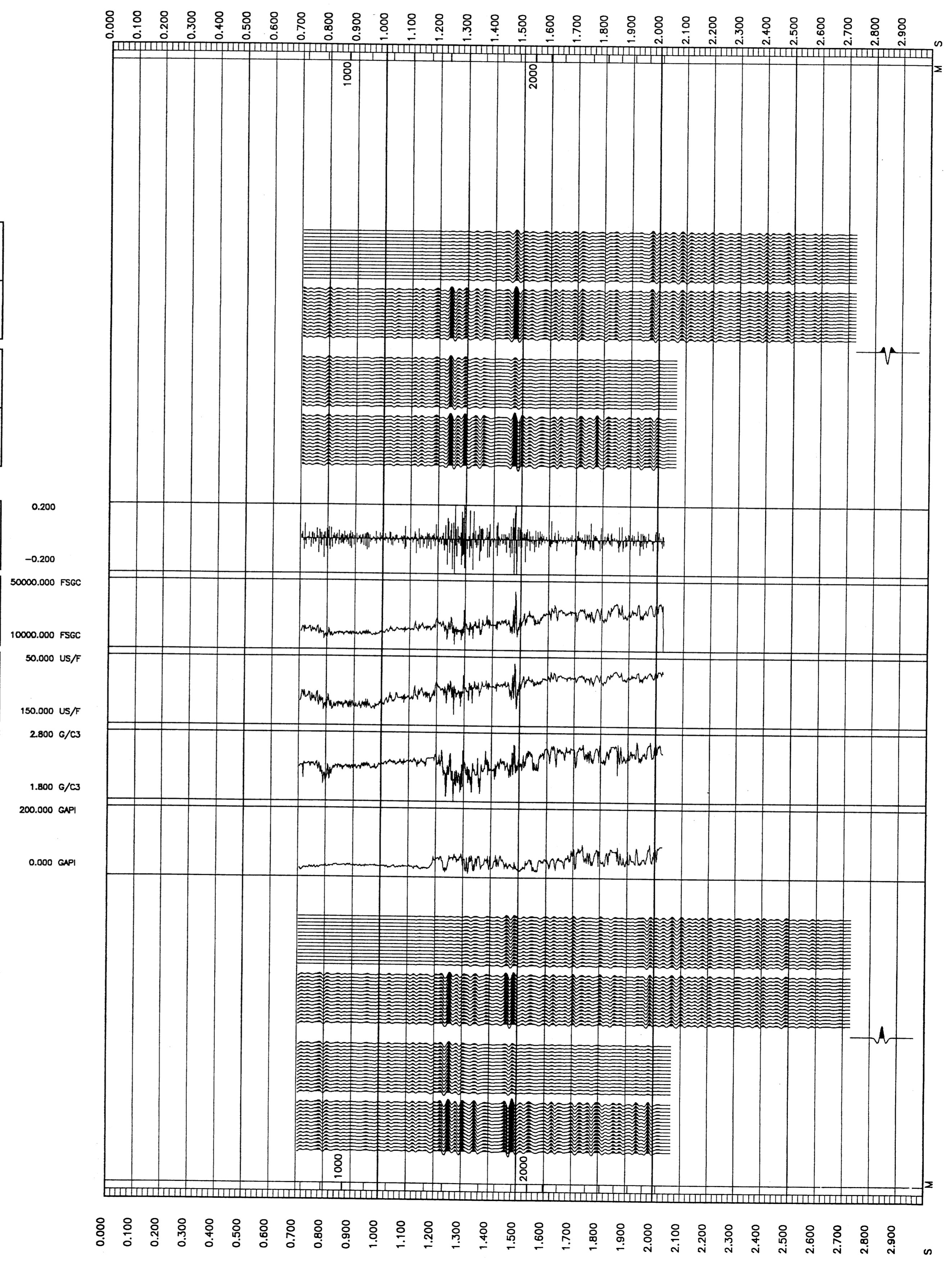
REMARKS

The well name, location and borehole reference data were furnished by the customer. All interpretations are optional 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 Schlumberger or its employees. These interpretations are also subject to Clause 4 of our General Terms and Conditions as set out in our current Price Schedule.

CLIENT = SHELL COMPANY OF AUSTRALIA
 FIELD = WILDCAT
 WELL = JUDITH 1

** GEOGRAM **
 25 HERTZ ZERO PHASE
 RICKER WAVELET
 JUDITH 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 SHELL COMPANY OF AUSTRALIA
 FIELD WILDCAT
 WELL JUDITH #1
 COUNTRY AUSTRALIA

Schlumberger