



GEOGRAM*

(Synthetic Seismogram)

Company: GFE RESOURCES LTD. A Mark of Schlumberger
 Well: LANGLEY #1 35 Hz
 Field: EXPLORATION
 Country: AUSTRALIA
 Reference No: SYJ-561022 Interval: 2008.00 to 350.00
 Date Logged: 03-JUN-1994 Date Processed: 15-JUN-1994
 Location: 038 35' 51.089" S 142 56' 10.625" E
 Elevations: KB: 69.70 DF: 69.30 GL: 64.00
 Permanent Datum: MSL Depth Units: METRES

LOG INFORMATION

FIELD RECORDING: Engineer: M.WILSON/B.TEXTOR Location: QEA Program Version: CP 40.2

COMPUTATION: Analyst: A.WIBSONO Centre: SYJ Baseline: 5.5

ELEVATION ABOVE MEAN SEA LEVEL

Logging Datum: 69.70

Seismic Reference Datum: 0.00

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

Two-Way Time Sample Interval: 2 ms Environment: onshore

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	03-06-94	DL-AS	8.5 IN		0 M	2002 M
2	03-06-94	LCL-CNL	8.5 IN		1360 M	2006 M

VSP Run	Date	Gun Offset	Fire Pulse Offset	Gun Elevation	Fire Pulse Elevation	Gun Azimuth	Fire Pulse Azimuth
1	04-06-94	22 M		2 M BELOW GL		125.5 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).

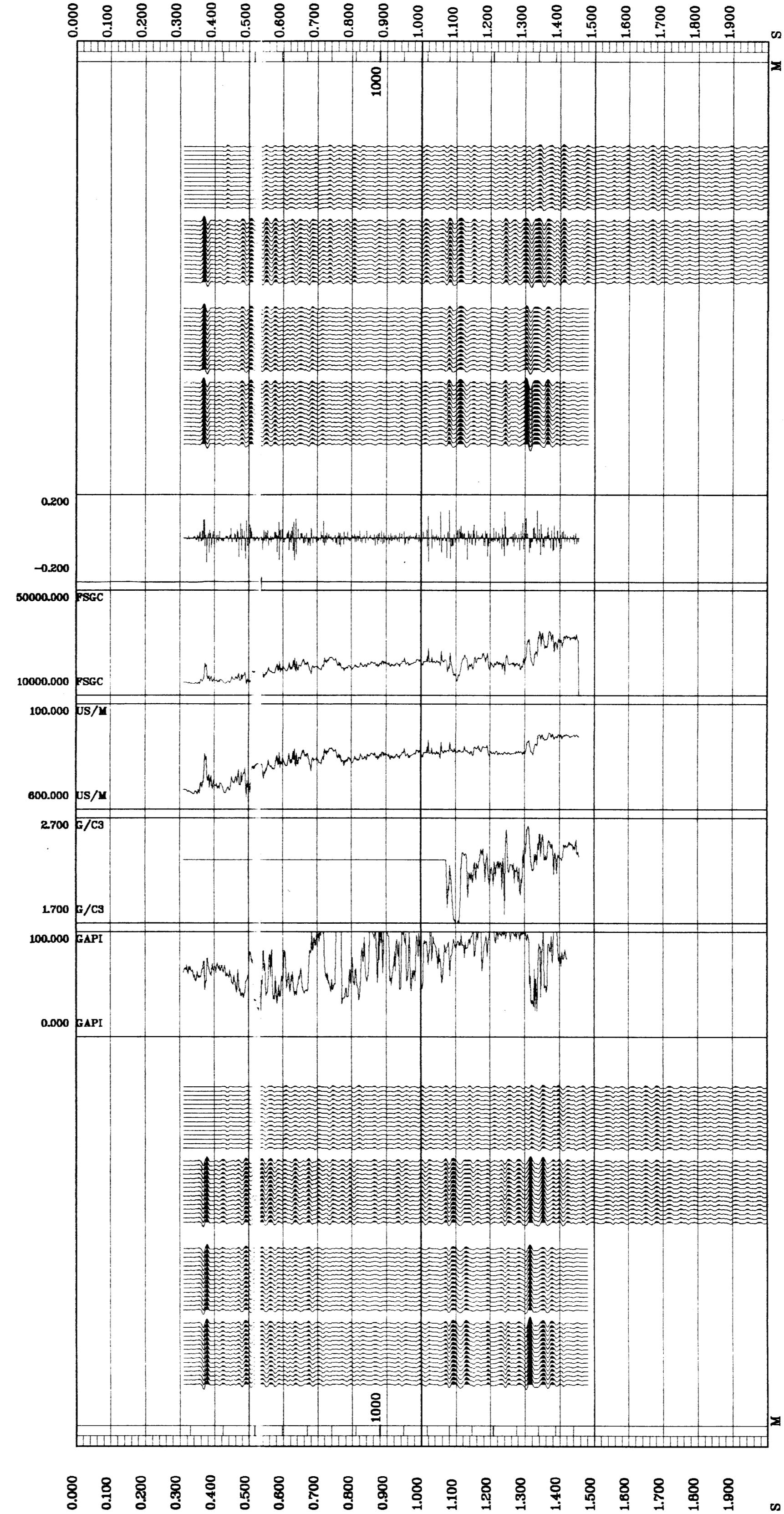
REMARKS

The well name, location and borehole reference data were furnished by the customer. All interpretations are opinions based on references from electrical or other measurements and we 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 for any damages, including consequential damages, 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.

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**** GEOGRAM ****
35 HERTZ ZERO PHASE
RICKER WAVELET
 VERTICAL SCALE = 10 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 GFE RESOURCES LTD.
 FIELD EXPLORATION
 WELL LANGLEY #1
 COUNTRY AUSTRALIA

Schlumberger