304230

Enclosure 7 OR-0310 (VOL 2)

Schlumberger

PERTH
COMPUTING
CENTRE

GEOGRAM*
MINIMUM PHASE
(Synthetic Seismogram)

* A Mark of Schlumberger

Company:	AMOCO AUSTRALIA PETROLEUM CO.		
Well:	YOLLA #1		
Field:	WILDCAT		
Country:	AUSTRALIA		
Reference No:	540388	Interval:	0.00 to 3351.00
Date Logged:	10/09/85	Date Processed:	24/09/85
Location:	039 50' 18.96" S		145 48' 21.2" E

Elevations: KB: 10.9 M DF: 10.3 M GL: -79.5 M

Permanent Datum: MSL Depth Units: METRES

LOG INFORMATION

FIELD RECORDING: Engineer: WINSLOE Location: SEA Program Version: 26.4 85/02/09

COMPUTATION: Analyst: M. SANDERS Centre: ASJ Baseline: 12.4

ELEVATION ABOVE MEAN SEA LEVEL

Logging Datum: 10.9 M
Seismic Reference Datum: MSL
Sea Floor -79.5 M

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: NO
Source of True Vertical Depth Data:
Maximum Hole Deviation:

Run	Date	Tool Type		Bit Size/ Depth	Casing Size/ Depth	Top Depth	Bottom Depth
1	08/07/85	SLS		17 1/2" @ 1759 M	20" @ 399 M	50 M	1759 M
2	19/07/85	SLS		12 1/4" @ 1982.5 M	13 3/8" @ 1755 M	1755 M	1985 M
3	23/08/85	SLS		12 1/4" @ 3347 M	13 3/8" @ 1755 M	1755 M	3350 M

WST Run	Date	Gun Offset	Accel. Offset	Gun Elevation	Accelerometer Elevation	Gun Azimuth	Accel. Azimuth
1	10/09/85	37.0 M	37.0 M	3.35 M below MSL	3.35 M below MSL	315°	315°

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 accoustic impedance with depth).

REMARKS

Sonic log interval 415 - 3351 metres below KB
Density log interval 1759 - 3351 metres below KB
Time Scale = 3.75 in/sec

5 cm

The well name, location and borehole reference data were furnished by the customer.

FOLD HERE

All interpretations are opinions 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 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.

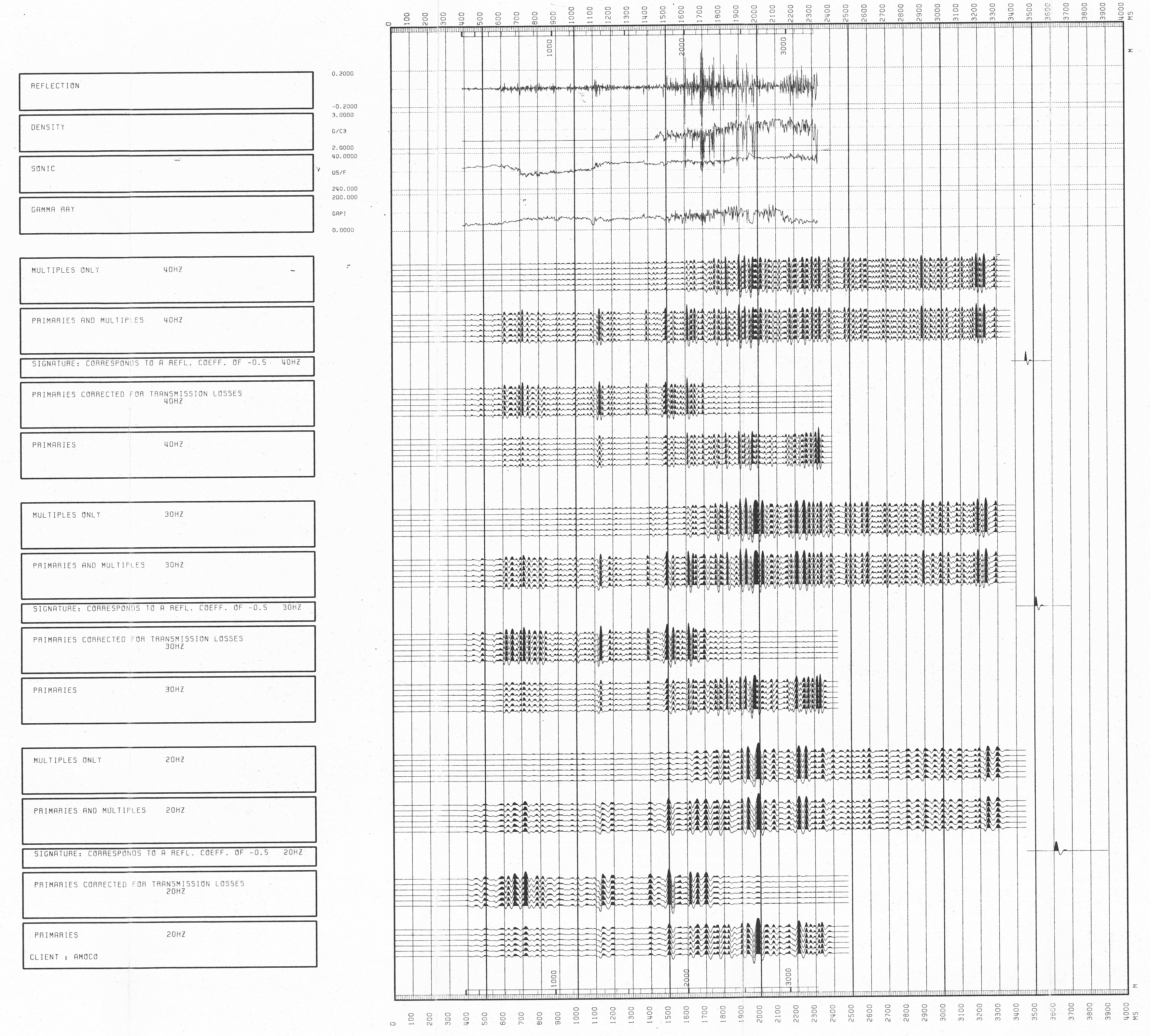
CLIENT : AMOCO AUSTRALIA PETROLEUM CO.
FIELD : WILDCAT
WELL : YOLLA #1

GR* DTTM* RHOT* REFL*

SREF.GEO.001* SPRM.GEO.001* SMUL.GEO.001* SMUO.GEO.001* SREF.GEO.002* SPRM.GEO.002* SMUL.GEO.002* SMUO.GEO.002* SREF.GEO.003* SPRM.GEO.003* SMUL.GEO.003* SMUO.GEO.003*

GEOGRAM AFTER SONIC CALIBRATION
RICKER WAVELETS
MINIMUM PHASE
NORMAL POLARITY

YOLLA #1



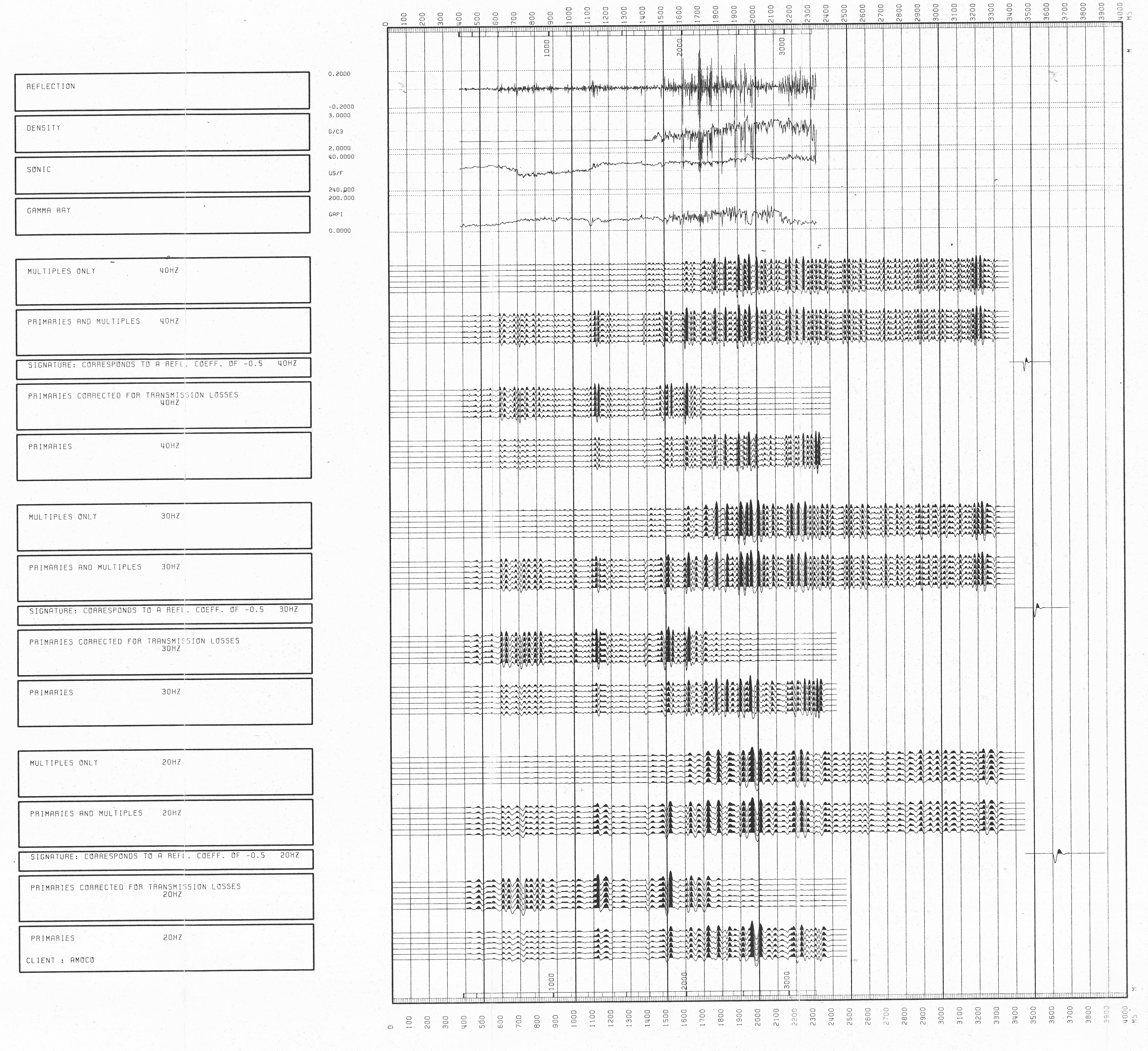
CLIENT : AMOCO AUSTRALIA PETROLEUM CO.
FIELD : WILDCAT
WELL : YOLLA #1

GR* DTTM* RHOT* REFL*

SREF.GEO.001* SPRM.GEO.001* SMUL.GEO.001* SMUO.GEO.001* SREF.GEO.002* SPRM.GEO.002* SMUL.GEO.002* SMUO.GEO.002* SREF.GEO.003* SPRM.GEO.003* SMUL.GEO.003* SMUO.GEO.003*

GEOGRAM AFTER SONIC CALIBRATION
RICKER WAVELETS
MINIMUM PHASE
REVERSE POLARITY

YOLLA #1



CLIENT : AMOCO AUSTRALIA PETROLEUM CO.
FIELD : WILDCAT
WELL : YOLLA #1

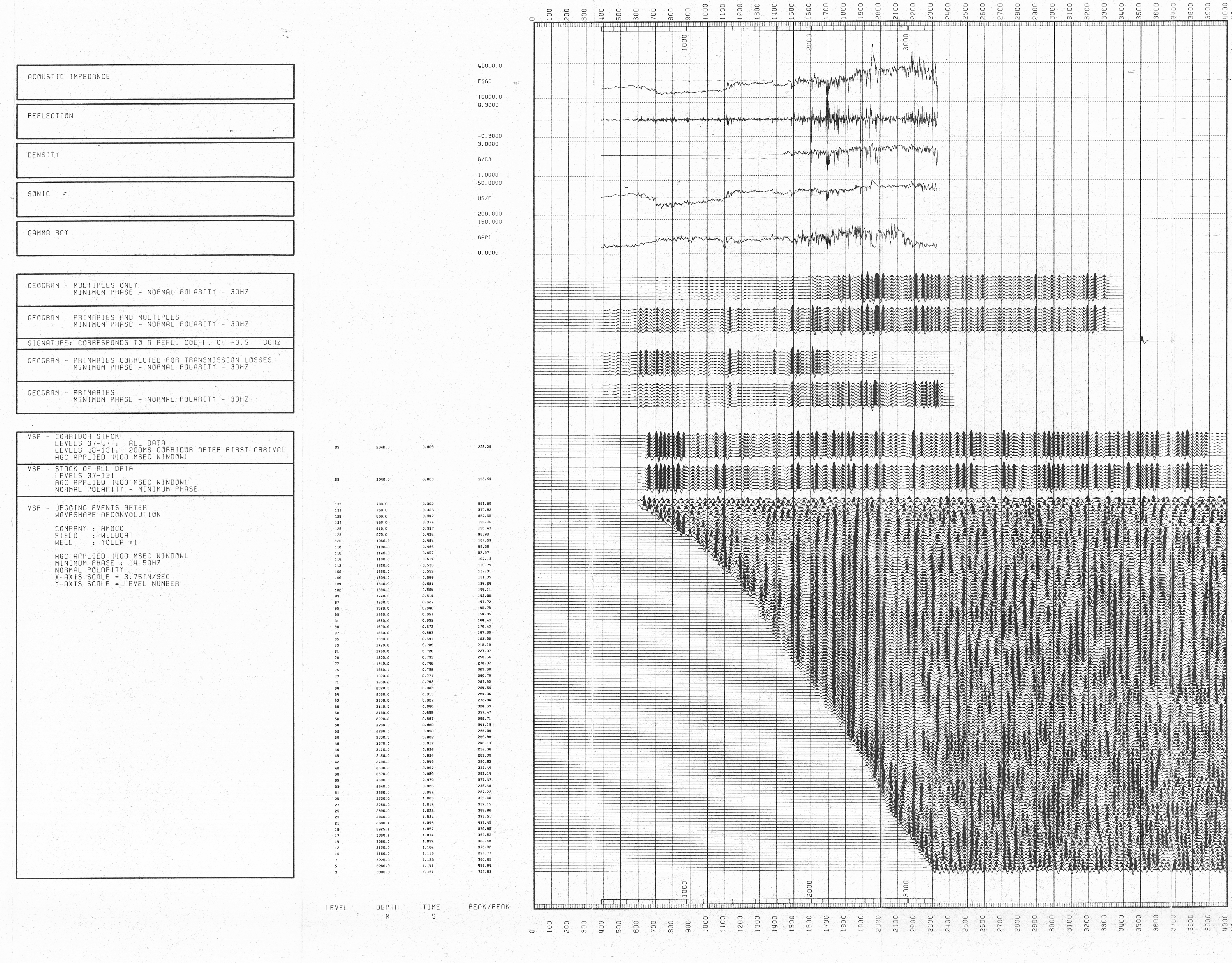
GR* DTTM* RHOT* REFL* AIMP*

L1.SU3.SPM*L1.SU4.SPM* SREF.GEO.002*SPRM.GEO.002*SMUL.GEO.002*SMUO.GEO.002*

L1.AGC.SPM*

COMPOSITE GEOGRAM - VERTICAL SEISMIC PROFILE
NORMAL POLARITY MINIMUM PHASE

YOLLA #1



COMPANY AMOCO AUSTRALIA PETROLEUM CO.
FIELD WILDCAT
WELL YOLLA #1
COUNTRY AUSTRALIA

Schlumberger