

GEOGRAM*

MINIMUM PHASE
(Synthetic Seismogram)

* Work of Schlumberger

Company: AMOCO AUSTRALIA PETROLEUM CO.
 Well: PELICAN #5
 Country: AUSTRALIA
 Field: PELICAN #5
 Reference No: 154083
 Date Logged: 04/03/86
 Location: 040 20' 42.59" S
 146 07' 48.97" E
 Elevation: NE 214 M
 DP: 211 M
 GL: 783 M
 Depth Date: 18/7/85

LOG INFORMATION
 Field Recorder: WENTWICK
 Computer: R. J. JAMES
 Analyst: R. J. JAMES
 Logging Date: 214 M
 Logging Time: 7:30 M
 Logging Location: ELEVATION ABOVE MEAN SEA LEVEL
 Shot: 214 M
 Shot Time: 7:30 M
 Shot Location: 214 M
 Shot Time: 7:30 M
 Shot Location: 214 M
 Shot Time: 7:30 M

Run	Date	Type	Depth	Shot	Time	Location	Time	Location
1	04/03/86	MC	7' 0" @ 778 M	207 @ 289 M	78 M	2073 M	2073 M	2073 M
2	04/03/86	MC	13' 0" @ 800 M	334 @ 310 M	100 M	3003 M	3003 M	3003 M
3	04/03/86	MC	19' 0" @ 841 M	461 @ 341 M	166 M	3411 M	3411 M	3411 M
4	04/03/86	MC	25' 0" @ 882 M	588 @ 371 M	232 M	3811 M	3811 M	3811 M
5	04/03/86	MC	31' 0" @ 923 M	715 @ 401 M	298 M	4211 M	4211 M	4211 M
6	04/03/86	MC	37' 0" @ 964 M	842 @ 431 M	364 M	4611 M	4611 M	4611 M
7	04/03/86	MC	43' 0" @ 1005 M	969 @ 461 M	430 M	5011 M	5011 M	5011 M
8	04/03/86	MC	49' 0" @ 1046 M	1096 @ 491 M	496 M	5411 M	5411 M	5411 M
9	04/03/86	MC	55' 0" @ 1087 M	1223 @ 521 M	562 M	5811 M	5811 M	5811 M
10	04/03/86	MC	61' 0" @ 1128 M	1350 @ 551 M	628 M	6211 M	6211 M	6211 M

That Vertical Depth Correction Applied
 Depth of 1 Run Vertical Depth Data: NO
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Standard SISO Convention
 An upward wave, reflected by an increase in acoustic impedance with depth, is displayed as a wave trough under normal polarity.
 SEMI-VELOCITY
 All apparent delays in the Geogram result correspond to a wavelet convolved with a reflection coefficient of 0.5 (A decrease in acoustic impedance with depth).

GEOSYNTHESIS ASSUMPTIONS
 Read from the model of horizontal plane waves.
 No anisotropy.
 POLARITY
 An upward wave, reflected by an increase in acoustic impedance with depth, is displayed as a wave trough under normal polarity.
 SEMI-VELOCITY
 All apparent delays in the Geogram result correspond to a wavelet convolved with a reflection coefficient of 0.5 (A decrease in acoustic impedance with depth).

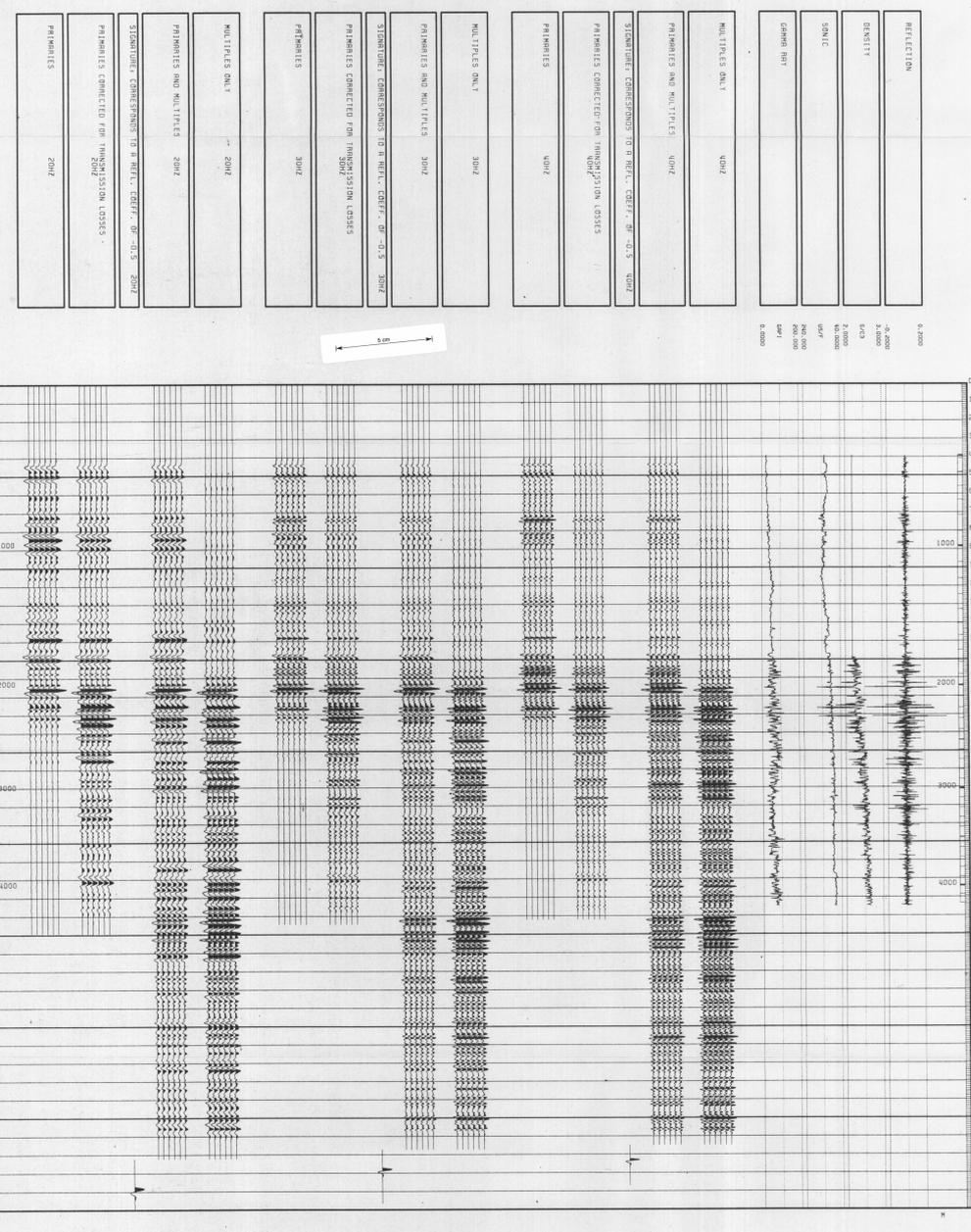
GEOGRAM AFTER SONIC CALIBRATION

RICKER WAVELETS

MINIMUM PHASE

NORMAL POLARITY

PELICAN #5



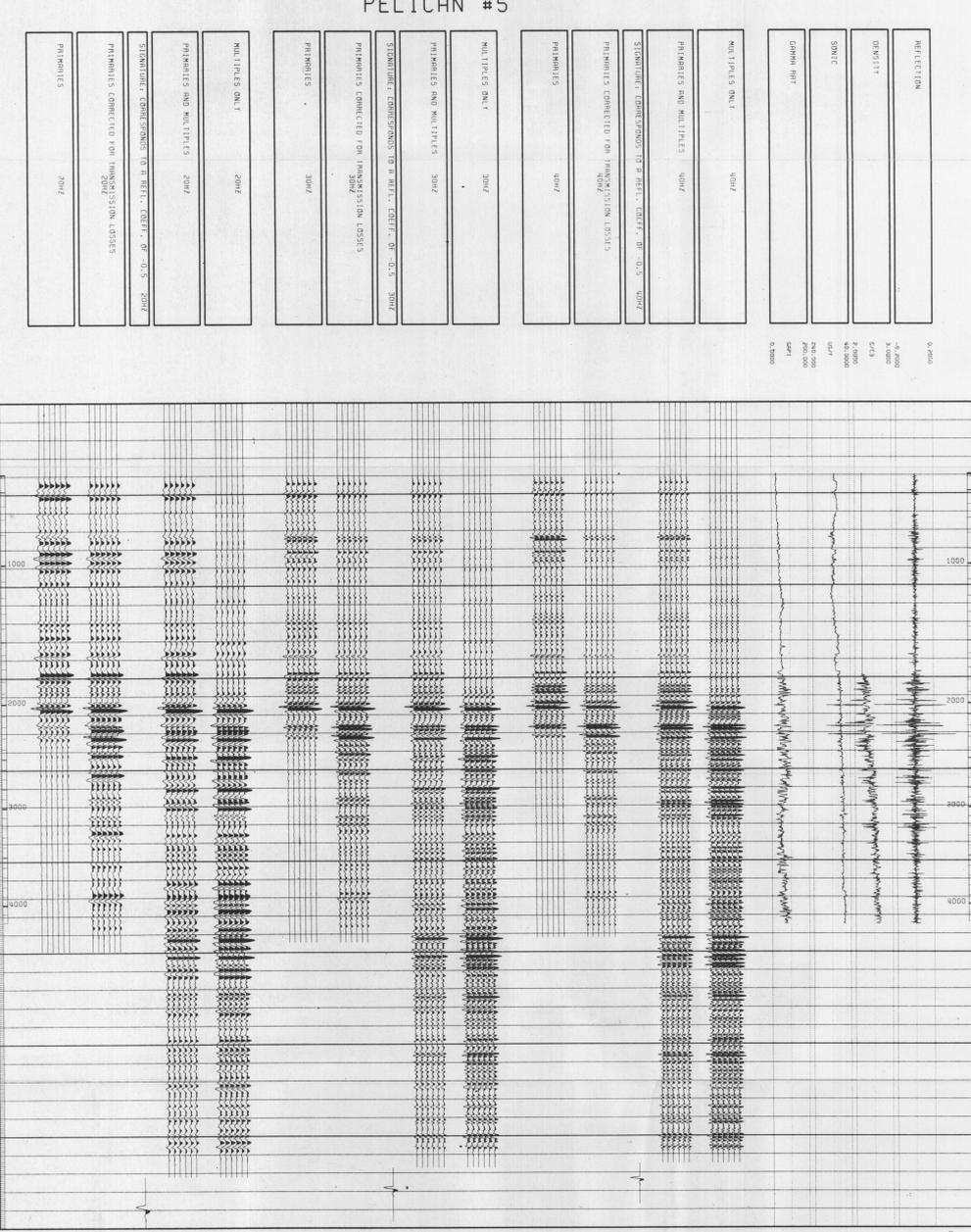
GEOGRAM AFTER SONIC CALIBRATION

RICKER WAVELETS

MINIMUM PHASE

REVERSE POLARITY

PELICAN #5



COMPANY AMOCO AUSTRALIA PETROLEUM CO.
 FIELD PELICAN #5
 WELL PELICAN #5
 COUNTRY AUSTRALIA

