450551

Enclosure 8

Schlumberger

PERTH COMPUTING CENTRE

GEOGRAM*

ZERO PHASE

(Synthetic Seismogram)

* A Mark of Schlumberger

Company:	AMOCO AUSTRALIA PETROLEUM CO.				
Well:	PELICAN #5				
Field:	-				
Country:	AUSTRALIA				
Reference No:	540493	Interval:	0.00 to 4250.00		
Date Logged:	04/03/86	Date Processed:	12/03/86		
Location:	040 20' 43.259" S	145 51' 49.971" E			
Elevations:	KB: 214 M	DF: 211 M	GL: -78.3 M		
Permanent Datum:	MSL	Depth Units:	METRES		

LOG INFORMATION

FIELD RECORDING	Engineer: WINGLOE	Location: VFA	Program Version: 28.3		
COMPUTATION	Analyst: R. HUNT	Centre: ASJ	Baseline: 14.3		

ELEVATION ABOVE MEAN SEA LEVEL

Logging Datum:	214 M
Seismic Reference Datum:	MSL
Sea Floor	-78.3 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	04/01/86	BHC		17 1/2" @ 1716 M	20" @ 386 M	78 M	1773 M
2	05/01/86	DLS		12 1/4" @ 3003 M	13 3/8" @ 1760 M	1760 M	3003.8 M
3	05/02/86	DLS		8 1/2" @ 3847 M	9 5/8" @ 2993 M	2993 M	3847 M
4	05/03/86	BHC		8" @ 4267 M	7" @ 3847 M	3847 M	4250 M

WST Run	Date	Gun Offset	Hydro Offset	Gun Elevation	Hydrophone Elevation	Gun Azimuth	Hydro Azimuth
1	04/03/86	64.0 M	64.0 M	5 M below MSL	7 M below MSL	90°	90°

GEOGRAM MODEL ASSUMPTIONS

Equal time slice model of horizontal plane layers.
Plane acoustic waves at normal incidence.
No intrinsic attenuation.

POLARITY

Standard SEG Convention
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 400 - 4250 metres below KB
Density log interval 1776 - 4250 metres below KB
Time Scale = 3.75 in/sec

The results, opinions and interpretations contained herein are based on the customer.

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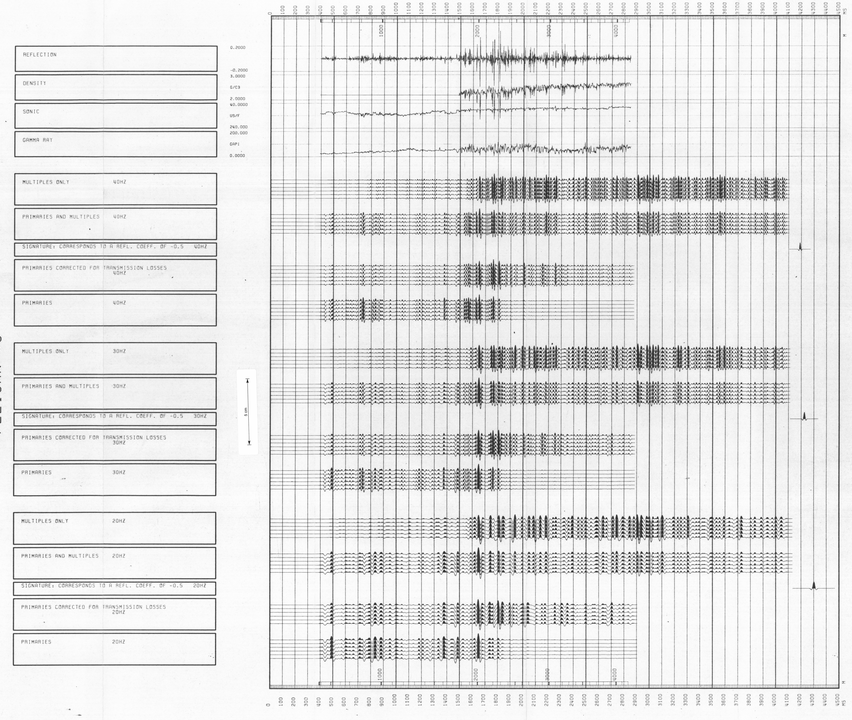
CLIENT : AMOCO AUSTRALIA PETROLEUM CO.
FIELD :
WELL : PELICAN #5

GEOGRAM AFTER SONIC CALIBRATION
RICKER WAVELETS
ZERO PHASE
NORMAL POLARITY

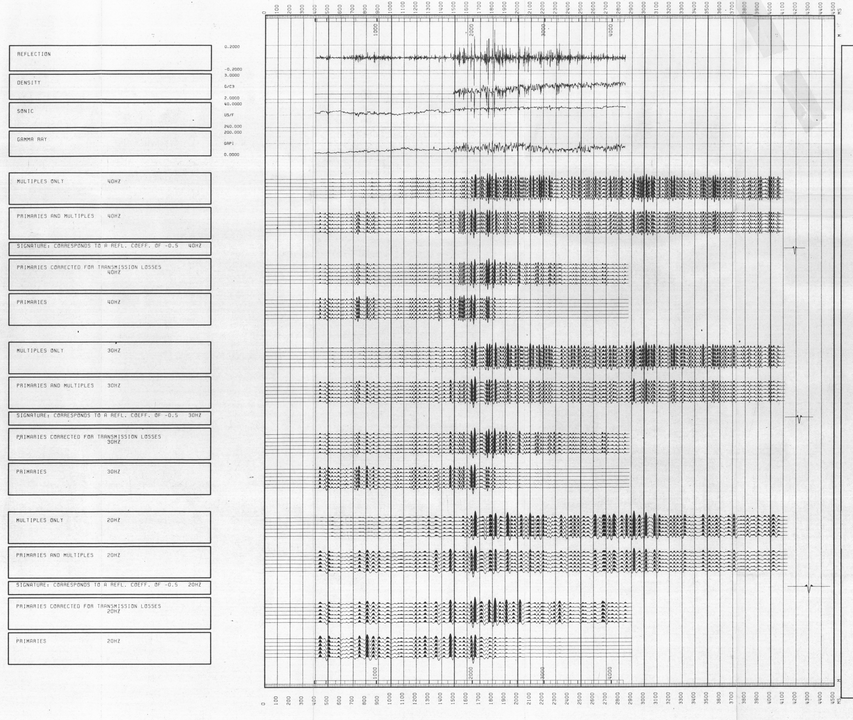
PELICAN #5



CLIENT : AMOCO AUSTRALIA PETROLEUM CO.
FIELD :
WELL : PELICAN #5

GEOGRAM AFTER SONIC CALIBRATION
RICKER WAVELETS
ZERO PHASE
REVERSE POLARITY

PELICAN #5



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

Schlumberger