DEPT. NAT. RES & ENV
PE905984

89/105

Schlumberger

SYDNEY LOG INTERPRETATION CENTRE

GEOGRAM*

(Synthetic Seismogram)

* A Mark of Schlumberger

Company:	ESSO AUSTRALIA LTD.		
Well:	BLACKBACK 1 (ST-1/ST-2)		
Field:	WILDCAT		
Country:	AUSTRALIA		
Reference No:	56460	Interval:	3905.00 to 575.00
Date Logged:	16/6/89	Date Processed:	20/7/89
Location:	38 33'3.37" S		147 33'42.68" E
Elevations:	KB: 21.00	DF: 20.70	GL: -418.00
Permanent Datum:	MSL	Depth Units:	METRES

LOG INFORMATION

FIELD RECORDING:	Engineer:	G. SMITH	Location:	.	Program Version:	32.2
COMPUTATION:	Analyst:	Z.KATELIS	Centre:	SYJ	Baseline:	16.900X3

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: YES
Source of True Vertical Depth Data: DIPMETER
Maximum Hole Deviation: 39 DEG

Run	Date	Tool Type		Bit Size/ Depth	Casing Size/ Depth	Top Depth	Bottom Depth
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VSP Run	Date	Gun Offset	Hydro Offset	Gun Elevation	Hydro Elevation	Gun Azimuth	Hydro Azimuth
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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

PART B

35 HERTZ ZERO PHASE

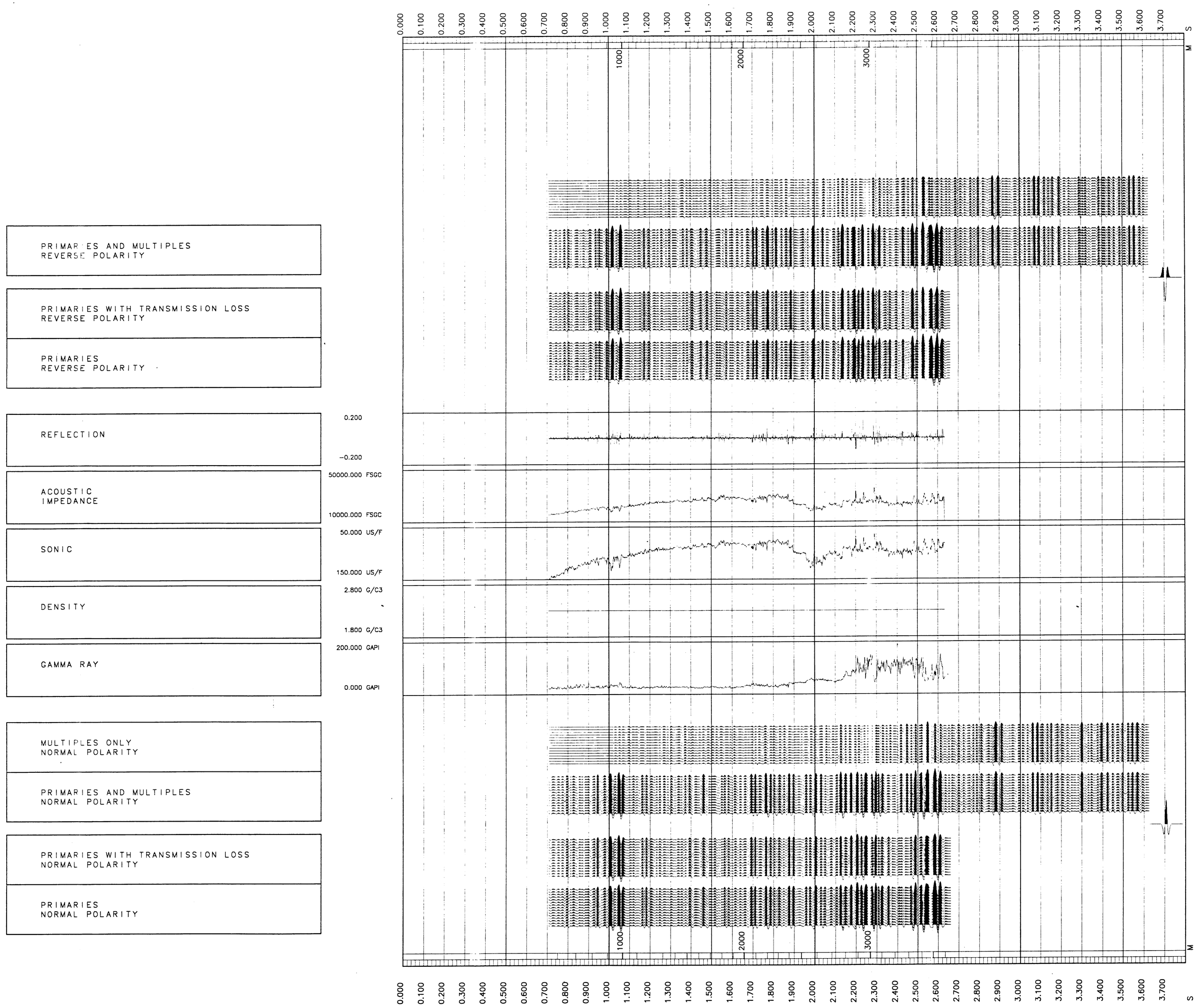
FOLD HERE

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

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 wilful negligence on our part, be liable or responsible for any loss, costs, damages or expenses incurred or sustained by anyone resulting from any interpretation 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 = ESSO AUSTRALIA LTD.
FIELD = WILDCAT
WELL = BLACKBACK 1 (ST-1/ST-2)

** GEOGRAM **
35 HERTZ ZERO PHASE
RICKER WAVELET
BLACKBACK 1



COMPANY ESSO AUSTRALIA LTD.
FIELD WILDCAT
WELL BLACKBACK 1 (ST-1/ST-2)
COUNTRY AUSTRALIA

Schlumberger