

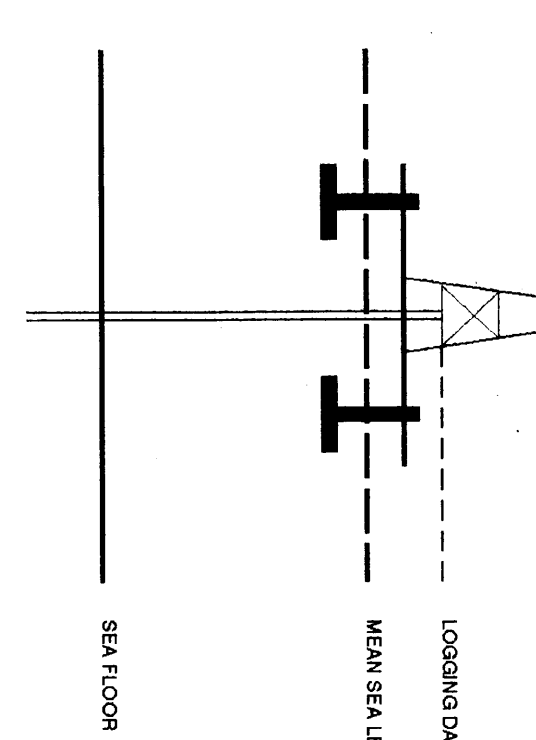
# VERTICAL SEISMIC PROFILE

ZERO OFFSET VSP

PLOT 4

## WAVESHAPING DECONVOLUTION

Company: ESSO AUSTRALIA LTD.  
Well: BLACKBACK #3  
Field: BLACKBACK  
Country: AUSTRALIA  
Reference No: SY/56101/56102  
Date Logged: 05-APR-1984  
Location: 088 31' 34.84" S 148 31' 05.90" E  
Elevations: 24.70 28.00  
Permanent Datum: MSL  
Depth Units: METRES  
Elevation Above Mean Sea Level: 25.00  
Logging Datum: 0.00  
Seismic Reference Datum: 0.00



Run	Date	Tool Joint Depth (m)	Shot		Shot Size (kg)	Shot Depth (m)	Shot Weight (kg)	Shot Interval (m)
			Shot No.	Shot Type				
1	01-04-84	34.00	1	1	34.00	34.00	34.00	34.00
1	01-04-84	34.00	1	1	34.00	34.00	34.00	34.00

**WAVESHAPING**  
ZERO PHASE  
DOWNGOING WAVEFIELD  
PROCESSING SEQUENCE:  
MEDIAN STACK APPLIED  
STATIC CORRECTION TO NSL : 7.67 MS  
BAND PASS FILTER : 5-65 HZ  
TIME VARYING GAIN : 7/70\*1.00  
#LEVEL, MEDIAN ESTIMATE OF  
DOWNGOING WAVEFIELD DECONVOLUTION  
500 Hz WAVESHAPING DECONVOLUTION  
VERTICAL SCALE : 40 CM/SEC  
POLARITY (SECS) : NORMAL  
**ONE WAY TIME**

**WAVESHAPING**  
ZERO PHASE  
RESIDUAL WAVEFIELD  
PROCESSING SEQUENCE:  
MEDIAN STACK APPLIED  
STATIC CORRECTION TO NSL : 7.67 MS  
BAND PASS FILTER : 5-65 HZ  
TIME VARYING GAIN : 7/70\*1.00  
DOWNGOING WAVEFIELD SUBTRACTION  
5-80 HZ WAVESHAPING DECONVOLUTION  
VERTICAL SCALE : 40 CM/SEC  
POLARITY (SECS) : NORMAL  
**ONE WAY TIME**

**WAVESHAPING**  
ZERO PHASE  
RESIDUAL WAVEFIELD  
PROCESSING SEQUENCE:  
MEDIAN STACK APPLIED  
STATIC CORRECTION TO NSL : 7.67 MS  
BAND PASS FILTER : 5-65 HZ  
TIME VARYING GAIN : 7/70\*1.00  
DOWNGOING WAVEFIELD SUBTRACTION  
5-80 HZ WAVESHAPING DECONVOLUTION  
VERTICAL SCALE : 40 CM/SEC  
POLARITY (SECS) : NORMAL  
**TWO WAY TIME**

**WAVESHAPING**  
ZERO PHASE  
ENHANCED UPGOING WAVEFIELD  
PROCESSING SEQUENCE:  
MEDIAN STACK APPLIED  
STATIC CORRECTION TO NSL : 7.67 MS  
BAND PASS FILTER : 5-65 HZ  
TIME VARYING GAIN : 7/70\*1.00  
DOWNGOING WAVEFIELD SUBTRACTION  
5-80 HZ WAVESHAPING DECONVOLUTION  
5 LEVEL ENHANCED UPGOING WAVEFIELD  
VERTICAL SCALE : 40 CM/SEC  
POLARITY (SECS) : NORMAL  
**TWO WAY TIME**

