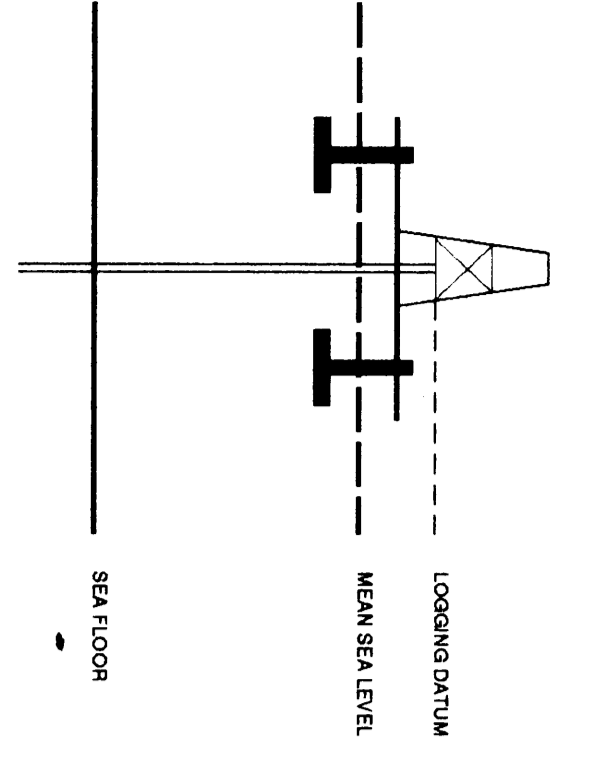


VERTICAL SEISMIC PROFILE

ZERO OFFSET VSP VELOCITY FILTERING PLOT 3

Company: ESSO AUSTRALIA LTD.
 Well: SMILER-1
 Field: WILDCAT
 Country: AUSTRALIA
 Reference No: SVL561131/561132 Interval: 2614.00 to 182.00
 Date Logged: 13-JULY-1995 Date Processed: 21-JULY-1995
 Location: 008 29 55.18' S 148 29 17.09' E
 Elevations: KB: 25.00 DF: 24.70 GL: -122.00
 Permanent Datum: MSL Depth Units: METRES
 FIELD RECORDING: Engineer: R. JONES/SHS INCORPORATED VSP Program Version: 700-47
 COMPLETION: Analyst: A. WISSBACH Charts: SVI, Baroline, 20.5



Total Number of Levels: 29
 Depth Reference: SRD
 Time Reference: SRD

Sha	Date	Type	BR Size	Casing Size	Top Depth	Bottom
ONE	04-07-1986	AS LCL	17.8 IN	17.0 M	757 M	
TWO	12-07-1986	DUC-D-48	12.5 IN	746 M	2005 M	
VSP						
ONE	13-07-1995	50 M	50 M	5 M BELOW MSL	69 DEG	89 DEG

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 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.

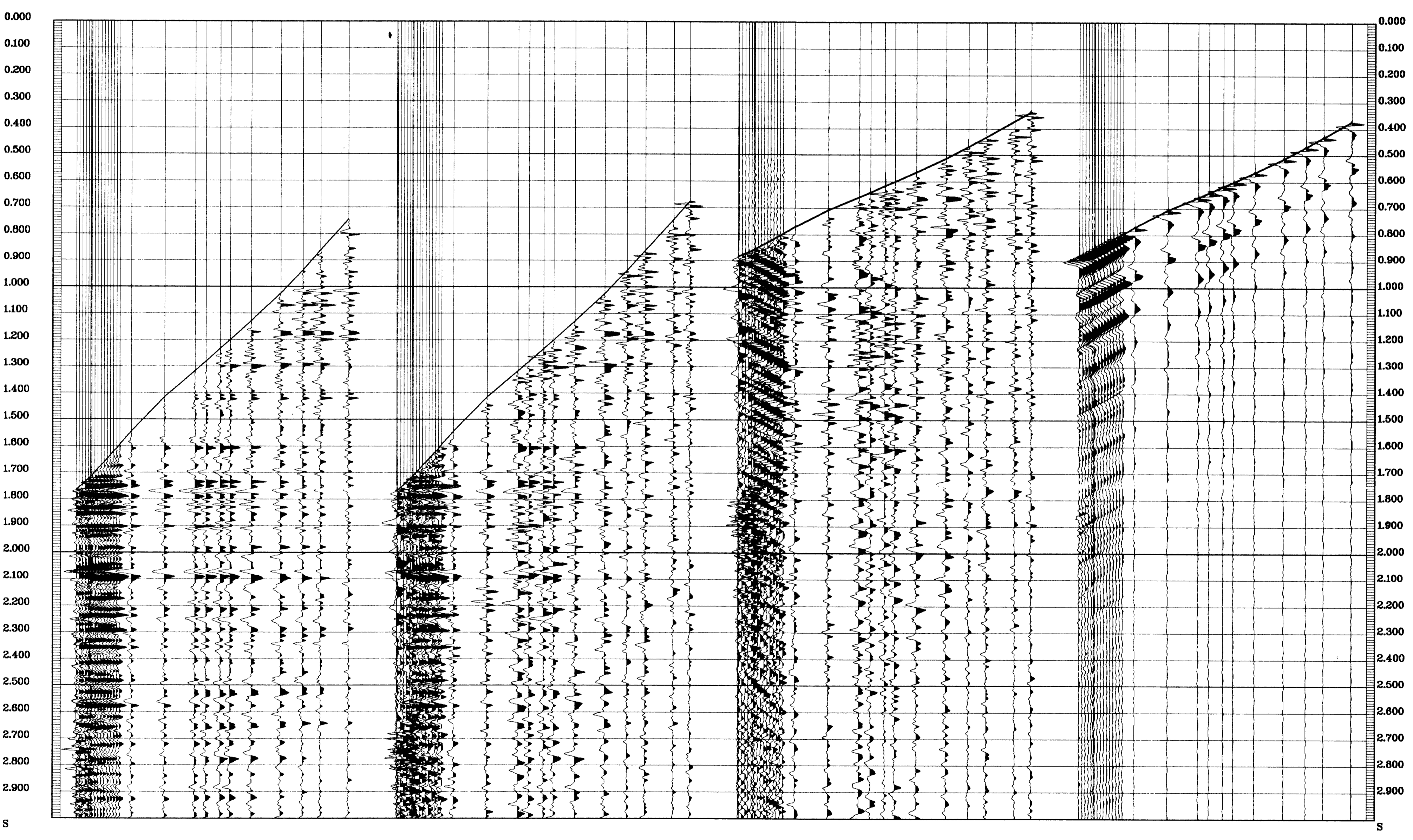
*** VELOCITY FILTER ***
 VERTICAL COMPONENT:
 DOWNGOING WAVEFIELD
 PROCESSING SEQUENCE:
 MEDIAN STACK APPLIED
 STATIC CORRECTION TO MSL: APPLIED
 BAND PASS FILTER: 5-100 HZ
 TIME VARYING GAIN: T/70**1.00
 5 LEVEL MEDIAN ESTIMATE OF
 DOWNGOING WAVEFIELD
 VERTICAL SCALE: 10 CM/SEC
 POLARITY (SEG.): NORMAL
ONE WAY TIME

*** VELOCITY FILTER ***
 VERTICAL COMPONENT:
 RESIDUAL WAVEFIELD
 PROCESSING SEQUENCE:
 MEDIAN STACK APPLIED
 STATIC CORRECTION TO MSL: APPLIED
 BAND PASS FILTER: 5-100 HZ
 TIME VARYING GAIN: T/70**1.00
 DOWNGOING WAVEFIELD SUBTRACTION
 RESIDUAL WAVEFIELD
 VERTICAL SCALE: 10 CM/SEC
 POLARITY (SEG.): NORMAL
ONE WAY TIME

*** VELOCITY FILTER ***
 VERTICAL COMPONENT:
 RESIDUAL WAVEFIELD
 PROCESSING SEQUENCE:
 MEDIAN STACK APPLIED
 STATIC CORRECTION TO MSL: APPLIED
 BAND PASS FILTER: 5-100 HZ
 TIME VARYING GAIN: T/70**1.00
 DOWNGOING WAVEFIELD SUBTRACTION
 RESIDUAL WAVEFIELD
 VERTICAL SCALE: 10 CM/SEC
 POLARITY (SEG.): NORMAL
TWO WAY TIME

*** VELOCITY FILTER ***
 VERTICAL COMPONENT:
 ENHANCED UPGOING WAVEFIELD
 PROCESSING SEQUENCE:
 MEDIAN STACK APPLIED
 STATIC CORRECTION TO MSL: APPLIED
 BAND PASS FILTER: 5-100 HZ
 TIME VARYING GAIN: T/70**1.00
 DOWNGOING WAVEFIELD SUBTRACTION
 5 LEVEL ENHANCED UPGOING WAVEFIELD
 VERTICAL SCALE: 10 CM/SEC
 POLARITY (SEG.): NORMAL
TWO WAY TIME

RAW DEPTH M	TRUE VERTICAL DEPTH MSL	TRANSIT TIME S	LEVEL NO
444.0	842.0	0.375	26
1000.0	1001.0	0.426	27
1141.0	1115.0	0.449	28
1284.0	1250.0	0.515	29
1472.0	1417.0	0.566	34
1680.0	1640.0	0.611	33
1870.0	1840.0	0.618	32
1980.0	1940.0	0.642	31
2070.0	2000.0	0.706	30
2141.0	2060.0	0.775	18
2280.0	2280.0	0.796	17
2440.0	2440.0	0.824	16
2610.0	2610.0	0.852	15
2790.0	2790.0	0.879	14
2980.0	2980.0	0.904	13
3180.0	3180.0	0.929	12
3390.0	3390.0	0.954	11
3610.0	3610.0	0.979	10
3840.0	3840.0	1.004	9
4080.0	4080.0	1.029	8
4330.0	4330.0	1.054	7
4590.0	4590.0	1.079	6
4860.0	4860.0	1.104	5
5140.0	5140.0	1.129	4
5430.0	5430.0	1.154	3
5730.0	5730.0	1.179	2
6040.0	6040.0	1.204	1



COMPANY ESSO AUSTRALIA LTD.
 FIELD WILDCAT
 WELL SMILER-1
 COUNTRY AUSTRALIA

