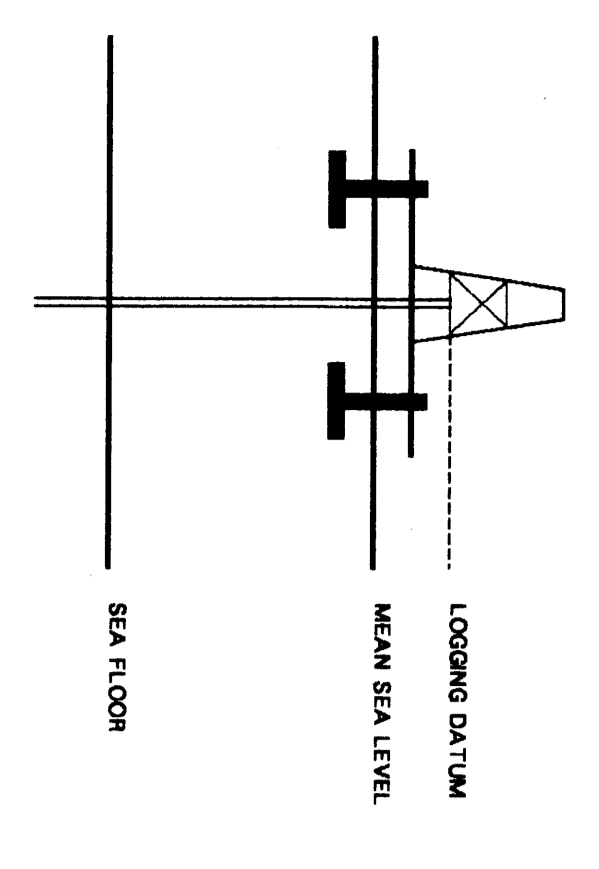


VERTICAL SEISMIC PROFILE

ZERO OFFSET VSP PLOT NO 8
 ACOUSTIC IMPEDANCE INVERSION

Company: LASMO ENERGY AUSTRALIA LTD
 Well: PATRICIA - 1
 Field: PATRICIA
 Country: AUSTRALIA
 Reference No: 570705 Interval: 445.00 to 895.00
 Date Logged: 04/07/87 Date Processed: 06/07/87
 Location: 038° 01' 53.23" S 148° 26' 48.82" E
 Elevations: KB 22.0 M DE 217 M GL -51.0 M
 Permanent Datum: MSL Depth Units: METRES
 FIELD RECORDING: Engineer: K. MULLER Location: VEA Program Version: 28.485
 COMPUTER: Analyst: M. GANDESS Centre: SVI Basecode: 30442384

Logging Datum: 22 M
 Seismic Reference Datum: MSL
 Ground Level: -51 M
 ELEVATION ABOVE MEAN SEA LEVEL



Total Number of Levels: 32 (895 to 445 metres)
 Depth Reference: SFD
 Time Reference: SFD

Run	Date	Type	Bit Size/ Depth	Cable Size/ Depth	Top Depth	Bottom Depth
1	28/04/87	BHC	17 1/2" @ 441 M	20" @ 298 M	28	842
2	03/07/87	SLS	12 1/4" @ 884 M	13 3/8" @ 441 M	48 M	886 M
VSP	Date	Gun Offset	Gun Elevation	Hydrophone Elevation	Gun Azimuth	Hydro Azimuth
1	04/07/87	50 M	60 M	8 M below MSL	10 M below MSL	245 °

REFMARKS
 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 interpretation, and we shall not be liable in the case of gross or willful negligence on our part. We shall not 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.

PRIMARIES ONLY
 REFLECTION COEFFICIENT
 ACOUSTIC IMPEDANCE (F/SEC*G/CCM)
 INVERTED IMPEDANCE ** START IMPEDANCE = 15509
 REFLECTION SERIE ** NUMREF = 50
 SYNTH. SEISMOGRAM **
 OBSERVED TRACE 'A' **

WAVESHAPING **
 WAVESHAPING DECONVOLUTION
 ENHANCED UPGOING WAVEFIELD
 PROCESSING SEQUENCE: APPLIED
 MEDIAN COHERENCY STACK
 STATIC CORRECTION TO MSL: 5-125 HZ
 BAND PASS FILTER : 1/TO**1.20
 NORMALISATION GAIN : T/TO**1.20
 DOWNGOING WAVEFIELD SUBTRACTION
 WAVESHAPING DECONVOLUTION:
 10-80 HZ ZERO PHASE WAVELET
 OPERATOR LENGTH : 0.50 S
 POLARITY (S.E.G.) : NORMAL

WAVESHAPING **
 WAVESHAPING DECONVOLUTION
 DOWNGOING WAVEFIELD
 PROCESSING SEQUENCE: APPLIED
 MEDIAN COHERENCY STACK
 STATIC CORRECTION TO MSL: 5-125 HZ
 BAND PASS FILTER : 1/TO**1.20
 NORMALISATION GAIN : T/TO**1.20
 DOWNGOING WAVEFIELD SUBTRACTION
 WAVESHAPING DECONVOLUTION:
 10-80 HZ ZERO PHASE WAVELET
 OPERATOR LENGTH : 0.50 S

RAW DEPTH M	TRUE VERTICAL DEPTH MSL M	TRANSIT TIME S	LEVEL NO
495.1	443.1	0.231	1
496.1	444.1	0.232	2
497.1	445.1	0.233	3
498.1	446.1	0.234	4
499.1	447.1	0.235	5
500.1	448.1	0.236	6
501.1	449.1	0.237	7
502.1	450.1	0.238	8
503.1	451.1	0.239	9
504.1	452.1	0.240	10
505.1	453.1	0.241	11
506.1	454.1	0.242	12
507.1	455.1	0.243	13
508.1	456.1	0.244	14
509.1	457.1	0.245	15
510.1	458.1	0.246	16
511.1	459.1	0.247	17
512.1	460.1	0.248	18
513.1	461.1	0.249	19
514.1	462.1	0.250	20
515.1	463.1	0.251	21
516.1	464.1	0.252	22
517.1	465.1	0.253	23
518.1	466.1	0.254	24
519.1	467.1	0.255	25
520.1	468.1	0.256	26
521.1	469.1	0.257	27
522.1	470.1	0.258	28
523.1	471.1	0.259	29
524.1	472.1	0.260	30
525.1	473.1	0.261	31
526.1	474.1	0.262	32

