From Well Seismic Processing Report Vol 2.

Schlumberger

SYDNEY LOG INTERPRETATION CENTRE

DEPT. NAT. RES & ENV
PE906977

VERTICAL SEISMIC PROFILE

ZERO OFFSET VSP **PLOT NO 2**

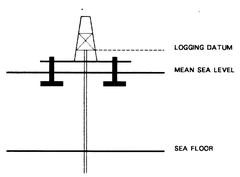
AMPLITUDE RECOVERY

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' 46.82" E
Elevations:	KB: 22.0 M	DF: 21.7 M	GL: -51.0 M
Permanent Datum:	MSL	Depth Units:	METRES

FIELD RECORDING:	Engineer: K. MULLEN	Location: VEA	Program Version:	29.465	
COMPUTATION:	Analyst: M. SANDERS	Centre: SYJ	Baseline:	19X4/26X4	

ELEVATION ABOVE MEAN SEA LEVEL

Logging Datum:	22 M
Seismic Reference Datum:	MSL
Ground Level	-51 M



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

Run	Date	Tool Type		Bit Size/ Depth	Casing Size/ Depth	Top Depth	Bottom Depth
1	29/06/87	BHC		17 1/2" @ 647 M	20" @ 218 M	218	642
2	03/07/87	SLS		12 1/4" @ 896 M	13 3/8" @ 461 M	461 M	896 M
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VSP Run	Date	Gun Offset	Hydro. Offset	Gun Elevation	Hydrophone Elevation	Gun Azimuth	Hydro. Azimuth
1	04/07/87	50 M	50 M	5 M below MSL	10 M below MSL	245 °	245 °
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REMARKS

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, 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.

* AMPLITUDE RECOVERY *
vertical component.

PROCESSING SEQUENCE:

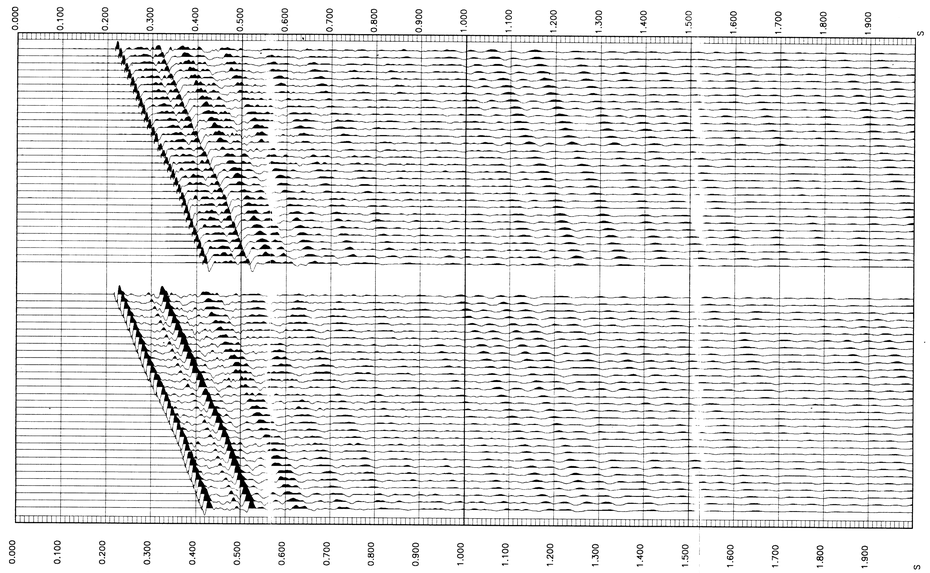
MEDIAN COHERENCY STACK APPLIED
STATIC CORRECTION TO MSL:
BAND PASS FILTER : 5-125 HZ
NORMALISATION GATE : 50 MS
TIME VARYING GAIN : $(T/T_o)^{1.2}$

VERTICAL SCALE : 20 CM/SEC
POLARITY (S.E.G.) : NORMAL

* AMPLITUDE RECOVERY *
vertical component.

PROCESSING SEQUENCE:

MEDIAN COHERENCY STACK APPLIED
STATIC CORRECTION TO MSL:
BAND PASS FILTER : 5-125 HZ
NORMALISATION GATE : 50 MS
TIME VARYING GAIN : $(T/T_o)^{1.2}$

VERTICAL SCALE : 20 CM/SEC
POLARITY (S.E.G.) : REVERSE

RAW DEPTH M	TRUE VERTICAL DEPTH MSL M	TRANSIT TIME S	LEVEL NO	MIN AMPLITUDE	MAX AMPLITUDE
445.1	423.1	0.218	33	77.575	90.201
460.1	438.1	0.225	32	80.390	87.898
475.1	453.1	0.231	30	78.573	87.436
490.1	468.1	0.238	29	78.939	94.090
505.1	483.1	0.245	28	78.873	86.414
520.1	498.1	0.252	27	74.993	89.008
535.1	513.1	0.258	26	76.266	82.016
550.1	528.1	0.264	25	76.116	81.842
565.1	543.1	0.270	24	77.733	83.938
580.1	558.1	0.277	23	77.906	82.514
595.1	573.1	0.283	22	76.085	84.506
610.1	588.1	0.290	21	78.051	82.089
625.1	603.1	0.298	20	75.728	89.524
640.1	618.1	0.305	19	75.802	77.417
656.1	634.1	0.313	18	79.028	93.356
670.1	648.1	0.320	17	76.568	92.165
685.1	663.1	0.327	16	81.993	94.814
700.1	678.1	0.335	15	84.229	90.342
715.1	693.1	0.342	14	73.781	81.928
730.1	708.1	0.349	13	79.222	89.497
745.1	723.1	0.356	12	77.846	85.302
760.1	738.1	0.362	11	83.364	90.354
774.0	752.0	0.367	10	86.285	88.615
790.1	768.1	0.372	9	82.958	86.129
805.1	783.1	0.377	7	80.380	80.413
820.1	798.1	0.383	6	79.476	79.959
835.1	813.1	0.390	5	81.026	89.403
850.1	828.1	0.395	4	80.784	89.886
865.1	843.1	0.401	3	76.449	75.310
880.1	858.1	0.407	2	80.559	73.249
895.1	873.1	0.414	1	86.779	81.025