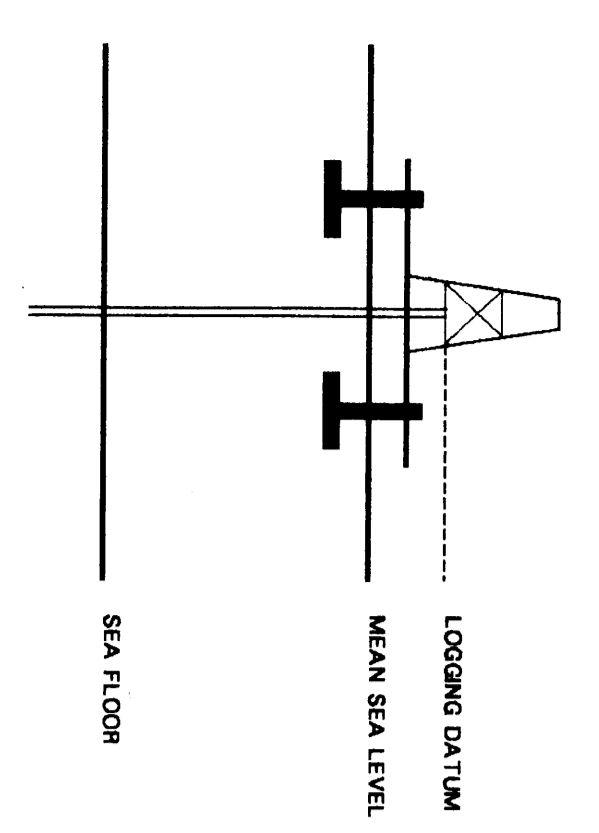


VERTICAL SEISMIC PROFILE

ZERO OFFSET VSP
 HORIZONTAL PROJECTION
 ON SHEAR ARRIVAL
 PLOT NO 10

Company: LASMO ENERGY AUSTRALIA LTD
 Well: PATRIGIA - 1
 Field: PATRIGIA
 Country: AUSTRALIA
 Reference No: 570705 Interval: 445.00 to 895.00
 Date Logged: 04/07/87 Date Processed: 08/07/87
 Location: 038° 01' 53.23" S 148° 26' 46.87" E
 Elevations: KR: 22.0 M DF: 217 M GL: -510 M
 Permanent Datum: MSL Depth Units: METRES
 FIELD RECORDING: Engineer: K. MULLEN Location: VEA Program Version: 28.448
 COMPUTER: Analyst: M. SANDERS Centre: STJ BaseRate: 19X/25X4

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: SMD
 Time Reference: SMD

Run	Date	Tool Type	Bit Size/Depth	Casing Size/Depth	Top Depth	Bottom Depth
1	28/06/87	BHC	7 1/2" @ 647 M	20" @ 318 M	218	642
2	03/07/87	SLS	12 1/4" @ 898 M	13 3/8" @ 481 M	481 M	898 M

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 or responsible for any loss, costs, damages or expenses incurred or sustained by 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.

**** H.M.N. PROJECTION ****
 PROCESSING SEQUENCE:
 MEDIAN COHERENCY STACK APPLIED
 TO ALL THREE COMPONENTS.
 POLARISATION NORMAL TO MAXIMUM
 HORIZONTAL ENERGY.
 BASED ON THE SHEAR ARRIVAL
 BAND PASS FILTER : 5-50 HZ
 VERTICAL SCALE : 10 CM/SEC
 Times referenced to hydrophone

**** H.M.X. PROJECTION ****
 PROCESSING SEQUENCE:
 MEDIAN COHERENCY STACK APPLIED
 TO ALL THREE COMPONENTS.
 POLARISATION NORMAL TO MAXIMUM
 HORIZONTAL ENERGY.
 BASED ON THE SHEAR ARRIVAL
 BAND PASS FILTER : 5-50 HZ
 VERTICAL SCALE : 10 CM/SEC
 Times referenced to hydrophone

**** H.M.N. PROJECTION ****
 PROCESSING SEQUENCE:
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 POLARISATION NORMAL TO MAXIMUM
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 HORIZONTAL ENERGY.
 BASED ON THE SHEAR ARRIVAL
 VERTICAL SCALE : 10 CM/SEC
 Times referenced to hydrophone

RAW DEPTH M	TRANSIT TIME S	TRANSIT TIME SHEAR S	LEVEL NO	MIN AMPLITUDE	MAX AMPLITUDE
445.1	0.213	0.812	32	-27.824	43.270
445.1	0.213	0.812	31	-27.824	43.270
445.1	0.213	0.812	30	-27.824	43.270
445.1	0.213	0.812	29	-27.824	43.270
445.1	0.213	0.812	28	-27.824	43.270
445.1	0.213	0.812	27	-27.824	43.270
445.1	0.213	0.812	26	-27.824	43.270
445.1	0.213	0.812	25	-27.824	43.270
445.1	0.213	0.812	24	-27.824	43.270
445.1	0.213	0.812	23	-27.824	43.270
445.1	0.213	0.812	22	-27.824	43.270
445.1	0.213	0.812	21	-27.824	43.270
445.1	0.213	0.812	20	-27.824	43.270
445.1	0.213	0.812	19	-27.824	43.270
445.1	0.213	0.812	18	-27.824	43.270
445.1	0.213	0.812	17	-27.824	43.270
445.1	0.213	0.812	16	-27.824	43.270
445.1	0.213	0.812	15	-27.824	43.270
445.1	0.213	0.812	14	-27.824	43.270
445.1	0.213	0.812	13	-27.824	43.270
445.1	0.213	0.812	12	-27.824	43.270
445.1	0.213	0.812	11	-27.824	43.270
445.1	0.213	0.812	10	-27.824	43.270
445.1	0.213	0.812	9	-27.824	43.270
445.1	0.213	0.812	8	-27.824	43.270
445.1	0.213	0.812	7	-27.824	43.270
445.1	0.213	0.812	6	-27.824	43.270
445.1	0.213	0.812	5	-27.824	43.270
445.1	0.213	0.812	4	-27.824	43.270
445.1	0.213	0.812	3	-27.824	43.270
445.1	0.213	0.812	2	-27.824	43.270
445.1	0.213	0.812	1	-27.824	43.270

