

VERTICAL SEISMIC PROFILE

ZERO OFFSET VSP PLOT NO 11
HORIZONTAL PROJECTION
ON COMPRESSONAL ARRIVAL



Company: LASMO ENERGY AUSTRALIA LTD

Well: PATRICA - 1

Field: PATRICA

Country: AUSTRALIA

Reference No: 570705

Date Logged: 04/07/87

Location: 0398 07 53.23' S

Elevations: KB: 22.0 M DE: 217 M GL: -51.0 M

Permit/Datum: MSI

Engineer: K. MULLER

Location: VEA

Program Version: 28488

Analyst: M. SANDERS

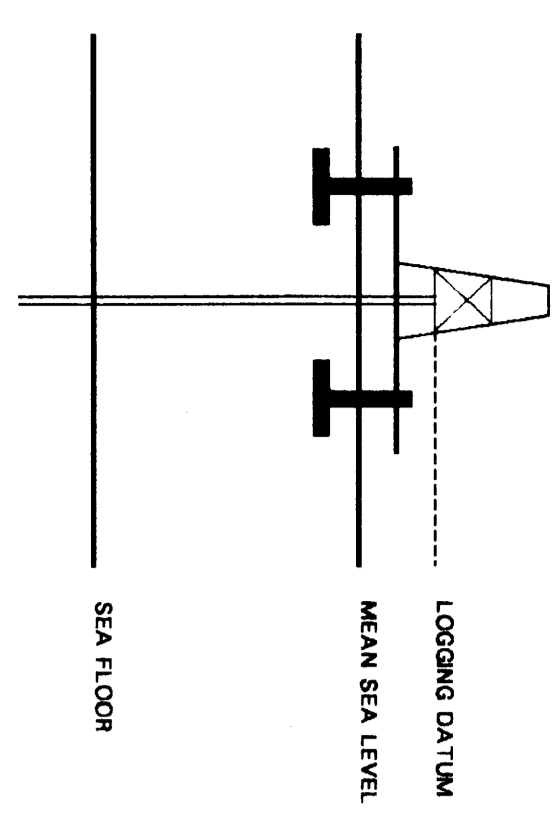
Centre: SVJ

Baseline: 384/2534

Elevation Above Mean Sea Level: 22 M

Seismic Reference Datum: MSL

Ground Level: -51 M



Total Number of Levels: 32 (895 to 445 metres)

Depth Reference: SRD

Run	Date	Tool Type	Bl Size/Depth	Casing Size/Depth	Top Depth	Bottom Depth
1	28/06/87	BHC	17 1/2" @ 847 M	20" @ 218 M	218	642
2	08/07/87	SIS	12 1/4" @ 898 M	13 3/8" @ 481 M	481 M	898 M

REMARKS

The well name, location and borehole reference data was 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.

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

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

**** H.M.X. PROJECTION ****
 PROCESSING SEQUENCE:
 MEDIAN COHERENCY STACK APPLIED TO ALL THREE COMPONENTS.
 MAXIMUM HORIZONTAL ENERGY.
 BASED ON THE COMPRESSION ARRIVAL VERTICAL SCALE : 10 CM/SEC
 Times referenced to hydrophone

RAW DEPTH M	TRANSIT TIME S	LEVEL NO	MIN AMPLITUDE	MAX AMPLITUDE
445.1	0.213	32	-46.862	27.528
445.1	0.213	31	-46.775	17.548
445.1	0.213	30	-46.714	17.548
445.1	0.213	29	-46.676	17.548
445.1	0.213	28	-46.650	17.548
445.1	0.213	27	-46.634	17.548
445.1	0.213	26	-46.626	17.548
445.1	0.213	25	-46.624	17.548
445.1	0.213	24	-46.626	17.548
445.1	0.213	23	-46.632	17.548
445.1	0.213	22	-46.640	17.548
445.1	0.213	21	-46.648	17.548
445.1	0.213	20	-46.656	17.548
445.1	0.213	19	-46.664	17.548
445.1	0.213	18	-46.672	17.548
445.1	0.213	17	-46.680	17.548
445.1	0.213	16	-46.688	17.548
445.1	0.213	15	-46.696	17.548
445.1	0.213	14	-46.704	17.548
445.1	0.213	13	-46.712	17.548
445.1	0.213	12	-46.720	17.548
445.1	0.213	11	-46.728	17.548
445.1	0.213	10	-46.736	17.548
445.1	0.213	9	-46.744	17.548
445.1	0.213	8	-46.752	17.548
445.1	0.213	7	-46.760	17.548
445.1	0.213	6	-46.768	17.548
445.1	0.213	5	-46.776	17.548
445.1	0.213	4	-46.784	17.548
445.1	0.213	3	-46.792	17.548
445.1	0.213	2	-46.800	17.548
445.1	0.213	1	-46.808	17.548

RAW DEPTH M	TRANSIT TIME S	LEVEL NO	MIN AMPLITUDE	MAX AMPLITUDE
445.1	0.213	32	-50.134	30.622
445.1	0.213	31	-49.997	30.622
445.1	0.213	30	-49.860	30.622
445.1	0.213	29	-49.723	30.622
445.1	0.213	28	-49.586	30.622
445.1	0.213	27	-49.449	30.622
445.1	0.213	26	-49.312	30.622
445.1	0.213	25	-49.175	30.622
445.1	0.213	24	-49.038	30.622
445.1	0.213	23	-48.901	30.622
445.1	0.213	22	-48.764	30.622
445.1	0.213	21	-48.627	30.622
445.1	0.213	20	-48.490	30.622
445.1	0.213	19	-48.353	30.622
445.1	0.213	18	-48.216	30.622
445.1	0.213	17	-48.079	30.622
445.1	0.213	16	-47.942	30.622
445.1	0.213	15	-47.805	30.622
445.1	0.213	14	-47.668	30.622
445.1	0.213	13	-47.531	30.622
445.1	0.213	12	-47.394	30.622
445.1	0.213	11	-47.257	30.622
445.1	0.213	10	-47.120	30.622
445.1	0.213	9	-46.983	30.622
445.1	0.213	8	-46.846	30.622
445.1	0.213	7	-46.709	30.622
445.1	0.213	6	-46.572	30.622
445.1	0.213	5	-46.435	30.622
445.1	0.213	4	-46.298	30.622
445.1	0.213	3	-46.161	30.622
445.1	0.213	2	-46.024	30.622
445.1	0.213	1	-45.887	30.622

RAW DEPTH M	TRANSIT TIME S	LEVEL NO	MIN AMPLITUDE	MAX AMPLITUDE
445.1	0.213	32	-46.862	27.528
445.1	0.213	31	-46.775	17.548
445.1	0.213	30	-46.714	17.548
445.1	0.213	29	-46.676	17.548
445.1	0.213	28	-46.650	17.548
445.1	0.213	27	-46.634	17.548
445.1	0.213	26	-46.626	17.548
445.1	0.213	25	-46.624	17.548
445.1	0.213	24	-46.626	17.548
445.1	0.213	23	-46.632	17.548
445.1	0.213	22	-46.640	17.548
445.1	0.213	21	-46.648	17.548
445.1	0.213	20	-46.656	17.548
445.1	0.213	19	-46.664	17.548
445.1	0.213	18	-46.672	17.548
445.1	0.213	17	-46.680	17.548
445.1	0.213	16	-46.688	17.548
445.1	0.213	15	-46.696	17.548
445.1	0.213	14	-46.704	17.548
445.1	0.213	13	-46.712	17.548
445.1	0.213	12	-46.720	17.548
445.1	0.213	11	-46.728	17.548
445.1	0.213	10	-46.736	17.548
445.1	0.213	9	-46.744	17.548
445.1	0.213	8	-46.752	17.548
445.1	0.213	7	-46.760	17.548
445.1	0.213	6	-46.768	17.548
445.1	0.213	5	-46.776	17.548
445.1	0.213	4	-46.784	17.548
445.1	0.213	3	-46.792	17.548
445.1	0.213	2	-46.800	17.548
445.1	0.213	1	-46.808	17.548

RAW DEPTH M	TRANSIT TIME S	LEVEL NO	MIN AMPLITUDE	MAX AMPLITUDE
445.1	0.213	32	-46.862	27.528
445.1	0.213	31	-46.775	17.548
445.1	0.213	30	-46.714	17.548
445.1	0.213	29	-46.676	17.548
445.1	0.213	28	-46.650	17.548
445.1	0.213	27	-46.634	17.548
445.1	0.213	26	-46.626	17.548
445.1	0.213	25	-46.624	17.548
445.1	0.213	24	-46.626	17.548
445.1	0.213	23	-46.632	17.548
445.1	0.213	22	-46.640	17.548
445.1	0.213	21	-46.648	17.548
445.1	0.213	20	-46.656	17.548
445.1	0.213	19	-46.664	17.548
445.1	0.213	18	-46.672	17.548
445.1	0.213	17	-46.680	17.548
445.1	0.213	16	-46.688	17.548
445.1	0.213	15	-46.696	17.548
445.1	0.213	14	-46.704	17.548
445.1	0.213	13	-46.712	17.548
445.1	0.213	12	-46.720	17.548
445.1	0.213	11	-46.728	17.548
445.1	0.213	10	-46.736	17.548
445.1	0.213	9	-46.744	17.548
445.1	0.213	8	-46.752	17.548
445.1	0.213	7	-46.760	17.548
445.1	0.213	6	-46.768	17.548
445.1	0.213	5	-46.776	17.548
445.1	0.213	4	-46.784	17.548
445.1	0.213	3	-46.792	17.548
445.1	0.213	2	-46.800	17.548
445.1	0.213	1	-46.808	17.548

