Schlumberger

MELBOURNE LOG INTERPRETATION CENTRE

VERTICAL SEISMIC PROFILE

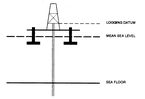
ZERO OFFSET VSP — PLOT 2

AMPLITUDE RECOVERY

Company:	ESSO AUSTRALIA LTD.		
Well:	HALIBUT #2		
Field:	HALIBUT		
Country:	AUSTRALIA		
Reference No:	SYJ 560996	Interval:	2585.00 to 230.00
Date Logged:	05-MAR-1994	Date Processed:	11-MAR-1994
Location:	038 23' 45.42" S	148 19' 47.79" E	
Elevations:	KB: 25.00	DF: 24.70	GL: -79.00
Permanent Datum:	MSL	Depth Units:	METRES
FIELD RECORDING	Engineer: S.NAKAMURA / MCPHERSON	Unit: 10A	Program Version: 6C0-429
COMPUTATION	Analyst: A.KIRSNO	Centre: SYJ	Software: 5.3

ELEVATION ABOVE MEAN SEA LEVEL

Logging Datum:	25.00
Seismic Reference Datum:	0.00



Total Number of Levels	29
Depth Reference	SRD
Time Reference	SRD

Run	Date	Total Depth		Bit Size Depth	Casing Size Depth	Top Depth	Bottom Depth
1	03-03-94	AR-WSPL		8.475 IN		25 M	2600 M
1	04-03-94	TWI-LDL		8.475 IN		2594 M	2600 M

VSP Run	Date	Gun Offset	Hydro Offset	Gun Elevation	Hydro Elevation	Gun Azimuth	Hydro Azimuth
1	05-03-94	56 M	56 M	7 M BELOW MSL	14 M BELOW MSL	57 DEG	57 DEG

REMARKS:

DISCLAIMER: Any interpretation or opinion based on this data is expressed as our best judgement. We do not warrant the value of, or the results of any use of, such information and we shall not be 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 our standard terms and conditions as set out in our price schedule.

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FIGURE NO.

*** AMPLITUDE RECOVERY ***
VERTICAL COMPONENT.

PROCESSING SEQUENCE:

MEDIAN STACK APPLIED
STATIC CORRECTION TO MSL: 9.18 MS
BAND PASS FILTER : 5-100 HZ
NORMALISATION GATE : 100 MS
TIME VARYING GAIN : T/70**1.00

VERTICAL SCALE : 40 CM/SEC
POLARITY (S.E.G.) : REVERSE

*** AMPLITUDE RECOVERY ***
VERTICAL COMPONENT.

PROCESSING SEQUENCE:

MEDIAN STACK APPLIED
STATIC CORRECTION TO MSL: 9.18 MS
BAND PASS FILTER : 5-100 HZ
NORMALISATION GATE : 100 MS
TIME VARYING GAIN : T/70**1.00

VERTICAL SCALE : 40 CM/SEC
POLARITY (S.E.G.) : NORMAL

*** STACKED DATA ***
VERTICAL COMPONENT.

PROCESSING SEQUENCE:

MEDIAN COHERENCY STACK APPLIED
NO STATIC CORRECTION APPLIED

BANDPASS FILTER : 4 - 120 HZ

VERTICAL SCALE : 40 CM/SEC
POLARITY (S.E.G.) : NORMAL

RAW DEPTH M	TRUE VERTICAL DEPTH MSL M	TRANSIT TIME S	LEVEL NO	MAX AMPLITUDE	MIN AMPLITUDE
230.0	205.0	0.10	29	108.00	-95.01
430.0	405.0	0.207	28	150.42	-94.20
630.0	605.0	0.299	27	114.52	-97.27
830.0	805.0	0.395	26	132.20	-99.71
1030.0	1005.0	0.491	25	94.74	-100.21
1230.0	1205.0	0.588	24	95.63	-98.88
1430.0	1405.0	0.686	23	94.58	-99.58
1630.0	1605.0	0.783	22	98.39	-106.17
1830.0	1805.0	0.877	21	107.60	-110.80
2030.0	2005.0	0.965	20	108.49	-97.28
2230.0	2205.0	0.770	13	112.00	-94.35
2330.0	2305.0	0.732	12	112.71	-98.09
2430.0	2405.0	0.693	11	112.12	-98.32
2530.0	2505.0	0.655	10	112.38	-98.32
2630.0	2605.0	0.616	9	112.38	-98.32
2730.0	2705.0	0.577	8	112.38	-98.32
2830.0	2805.0	0.538	7	112.38	-98.32
2930.0	2905.0	0.501	6	112.38	-98.32
230.0	205.0	0.10	29	108.00	-95.01
430.0	405.0	0.207	28	150.42	-94.20
630.0	605.0	0.299	27	114.52	-97.27
830.0	805.0	0.395	26	132.20	-99.71
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2630.0	2605.0	0.616	9	112.38	-98.32
2730.0	2705.0	0.577	8	112.38	-98.32
2830.0	2805.0	0.538	7	112.38	-98.32
2930.0	2905.0	0.501	6	112.38	-98.32
230.0	205.0	0.10	29	108.00	-95.01
430.0	405.0	0.207	28	150.42	-94.20
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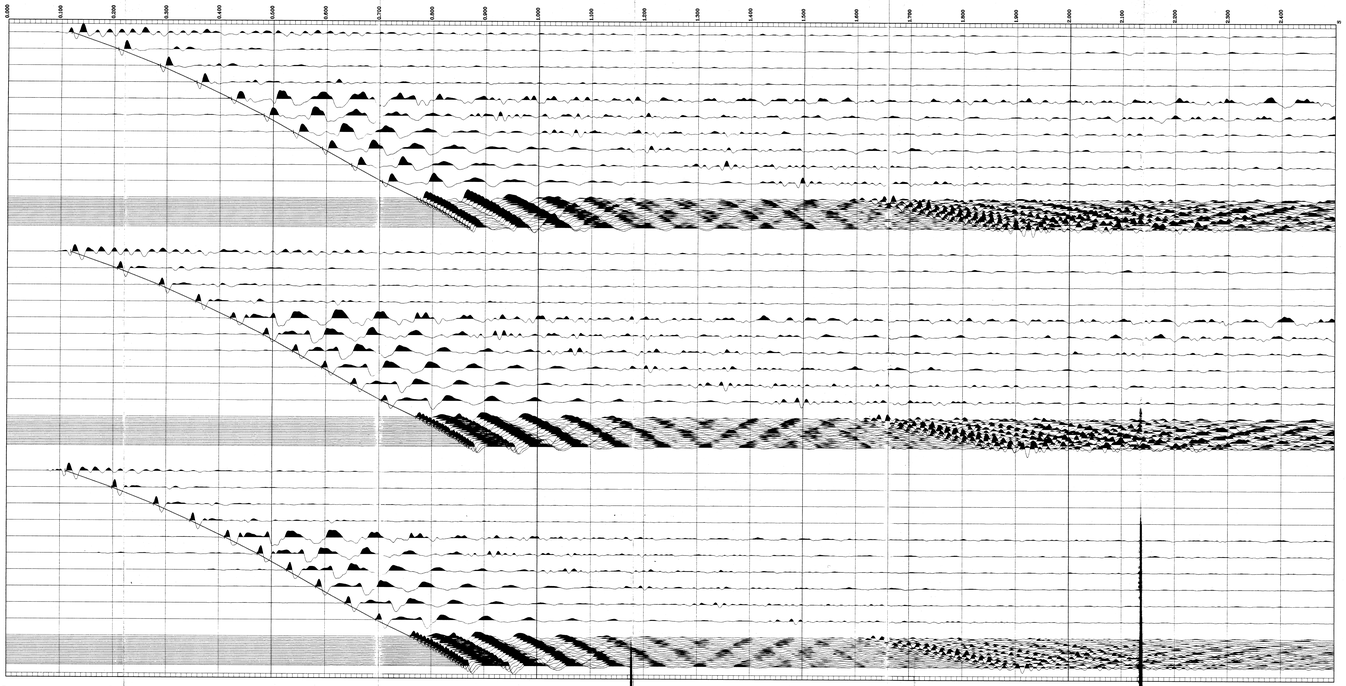

COMPANY ESSO AUSTRALIA LTD.
FIELD HALIBUT
WELL HALIBUT #2
COUNTRY AUSTRALIA

Schlumberger