Schlumberger

MELBOURNE LOG INTERPRETATION CENTRE

HDR_INT_RELEASE
PE602741

VERTICAL SEISMIC PROFILE

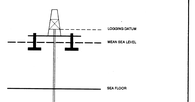
ZERO OFFSET VSP — PLOT 2

AMPLITUDE RECOVERY

Company:	ESSO AUSTRALIA LTD.				
Well:	BLACKBACK #3				
Field:	BLACKBACK				
Country:	AUSTRALIA				
Reference No:	SXJ.561011561012	Interval:	3100.00 to 500.00		
Date Logged:	05-APR-1964	Date Processed:	12-APR-1964		
Location:	038 31' 34.84" S		148 31' 05.50" E		
Elevations:	KB: 25.00	DF: 24.70	GL: -318.00		
Permanent Datum:	MSL	Depth Units:	METRES		
FIELD RECORDING	Engineer: E. Nolandeo	Location: HSI	Program Version:	SCH-63	
COMPUTATION	Analyst: A. WIBOONO	Centre: SYJ	Baseline	5.5	

ELEVATION ABOVE MEAN SEA LEVEL

Logging Datum:	25.00
Seismic Reference Datum:	0.00



Total Number of Levels	37
Depth Reference	SRD
Time Reference	SRD

Run	Date	Time Tool		Bit Size Depth	Casing Size Depth	Top Depth	Bottom Depth
1	01-04-64	AS-402FL		9 875 IN		3791 M	3906 M
1	01-04-64	LDL-CNL		9 875 IN		3791 M	3907 M
"							
"							

VSP Run	Date	Surf Offset	Hydro Offset	Surf Elevation	Hydro Elevation	Surf Datum	Hydro Datum
1	05-04-64	58 M	58 M	5 M BELOW MSL	10 M BELOW MSL	SW DECI	SW DECI

REMARKS

FOLD HERE

All interpretations are opinions based on inferences from electrical or other measurements of wells or seismic shots, 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 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 our General Terms and Conditions as set out in our current Price Schedule.

*** AMPLITUDE RECOVERY ***
VERTICAL COMPONENT.

PROCESSING SEQUENCE:

MEDIAN STACK APPLIED
STATIC CORRECTION TO MSL: 7.87 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: 7.87 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
3091.0	4753.1	0.761	37	109.23	-108.05
7701.0	7733.1	0.437	34	110.53	-102.44
2990.0	4647.2	0.723	35	125.18	-108.80
2990.0	4205.3	0.719	34	125.80	-92.43
1420.0	3420.0	0.653	33	123.54	-108.00
4910.0	5587.1	0.995	32	104.02	-101.97
3890.0	4760.3	0.747	31	103.75	-97.54
3210.0	3998.9	0.591	30	108.97	-105.60
2240.0	3210.0	0.466	29	104.80	-102.94
1470.0	2470.0	0.417	28	97.23	-91.01
2550.0	3510.0	0.450	27	94.48	-78.14
2990.0	4205.3	0.719	34	125.80	-92.43
1420.0	3420.0	0.653	33	123.54	-108.00
4910.0	5587.1	0.995	32	104.02	-101.97
3890.0	4760.3	0.747	31	103.75	-97.54
3210.0	3998.9	0.591	30	108.97	-105.60
2240.0	3210.0	0.466	29	104.80	-102.94
1470.0	2470.0	0.417	28	97.23	-91.01
2550.0	3510.0	0.450	27	94.48	-78.14
3091.0	4753.1	0.761	37	109.23	-108.05
7701.0	7733.1	0.437	34	110.53	-102.44
2990.0	4647.2	0.723	35	2156.65	-1695.31
2990.0	4205.3	0.719	34	2040.84	-1553.74
1420.0	3420.0	0.657	33	1895.65	-1695.80
4910.0	5587.1	0.994	32	1642.78	-1705.22
3890.0	4760.3	0.741	31	1685.71	-1657.18
3210.0	3998.9	0.604	30	1809.24	-1744.74
2240.0	3210.0	0.458	29	1661.57	-1554.29
1470.0	2470.0	0.393	28	1776.33	-1547.84
2550.0	3510.0	0.444	27	1657.68	-1414.53
3091.0	4753.1	0.761	37	109.23	-108.05
7701.0	7733.1	0.437	34	110.53	-102.44
2990.0	4647.2	0.723	35	125.18	-108.80
2990.0	4205.3	0.719	34	125.80	-92.43
1420.0	3420.0	0.653	33	123.54	-108.00
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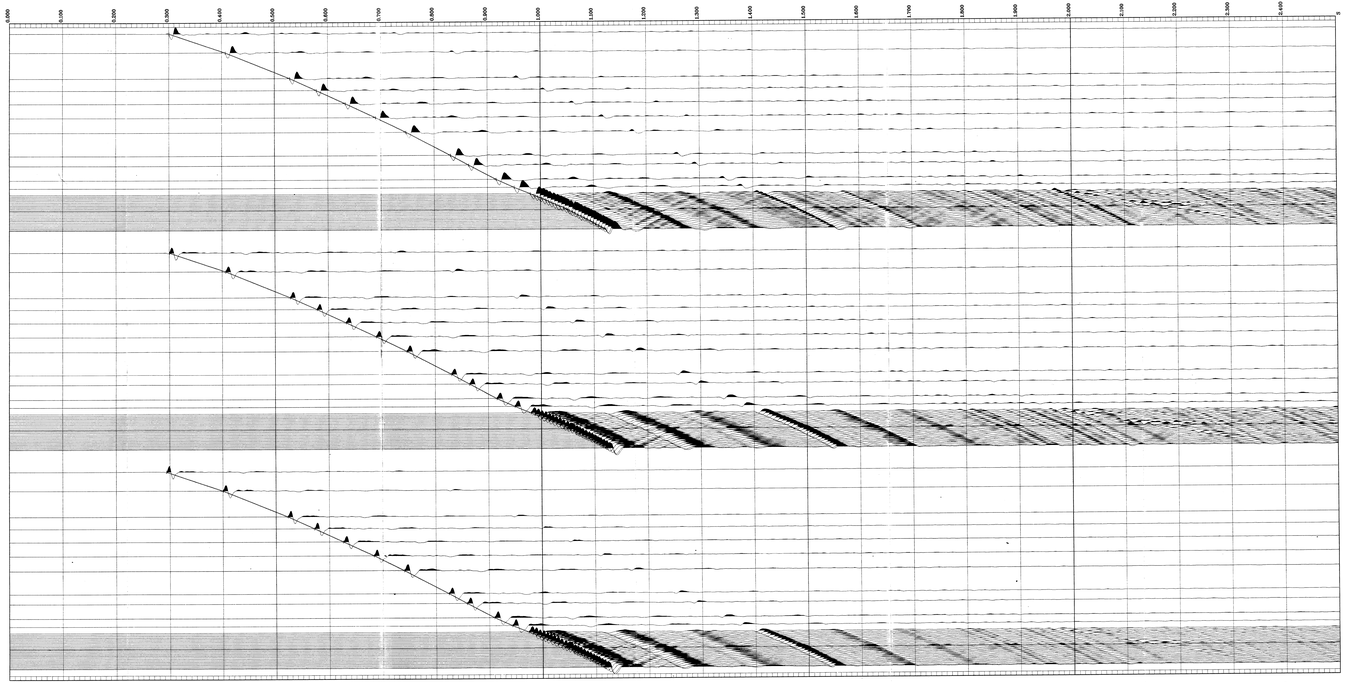

COMPANY ESSO AUSTRALIA LTD.
FIELD BLACKBACK
WELL BLACKBACK #3
COUNTRY AUSTRALIA

Schlumberger