



VERTICAL SEISMIC PROFILE

ZERO OFFSET VSP
WAVESHAPING DECONVOLUTION
PLOT 4

Company: ESSO AUSTRALIA LTD.

Well: SMILER-1

Field: WILDCAT

Country: AUSTRALIA

Reference No: SVJ361131/961192 Interval: 2614.00 to 182.00

Data Logged: 13-JULY-1995 Date Processed: 21-JULY-1995

Location: 038 29 55.18" S 148 23 17.09" E

Elevations: KB: 25.00 DF: 24.70 QI: -122.00

Permanent Datum: MSL Depth Units: METRES

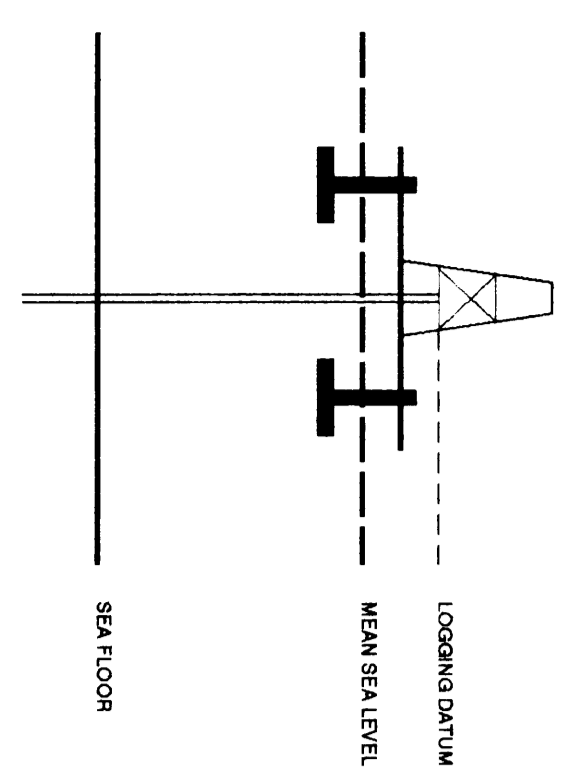
FIELD RECORDING Engineer: R. JOHNSON'S RECOMMENDATION: VSA Program Version: 705-427

COMPUTATION Analyst: A. WILSONO Client: SVJ Baseline: 20.8

ELEVATION ABOVE MEAN SEA LEVEL

Logging Datum: 25.00

Seismic Reference Datum: 0.00



Total Number of Levels: 29

Run	Date	Tool	SRD	SRD
ONE	04-07-1996	AS-DL	17.5 IN	175 M
TWO	14-07-1996	DL-DL-045	14.25 IN	742 M

Run	Date	Tool	SRD	SRD
ONE	14-07-1996	50 M	50 M	50 M
TWO	14-07-1996	50 M	10 M BELOW MSL	10 M BELOW MSL

Run	Date	Tool	SRD	SRD
ONE	14-07-1996	50 M	50 M	50 M
TWO	14-07-1996	50 M	10 M BELOW MSL	10 M BELOW MSL

REMARKS

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 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.

*** WAVESHAPING ***
PREDICTIVE DECONVOLUTION
FOLLOWED BY
ZERO PHASE WAVESHAPING
DOWNGOING WAVEFIELD

PROCESSING SEQUENCE:
MEDIAN STACK APPLIED
STATIC CORRECTION TO MSL : APPLIED
BAND PASS FILTER : 5-80 HZ
NORMALISATION GATE : 100 MS
TIME VARYING GAIN : T/70**1.00
5 LEVEL MEDIAN ESTIMATE OF
DOWNGOING WAVEFIELD
10-70 HZ WAVESHAPING DECONVOLUTION

VERTICAL SCALE : 10 CM/SEC
POLARITY (SEC) : NORMAL
ONE WAY TIME

*** WAVESHAPING ***
PREDICTIVE DECONVOLUTION
FOLLOWED BY
ZERO PHASE WAVESHAPING
RESIDUAL WAVEFIELD

PROCESSING SEQUENCE:
MEDIAN STACK APPLIED
STATIC CORRECTION TO MSL : APPLIED
BAND PASS FILTER : 5-80 HZ
NORMALISATION GATE : 100 MS
TIME VARYING GAIN : T/70**1.00
DOWNGOING WAVEFIELD SUBTRACTION
10-70 HZ WAVESHAPING DECONVOLUTION

VERTICAL SCALE : 10 CM/SEC
POLARITY (SEC) : NORMAL
ONE WAY TIME

*** WAVESHAPING ***
PREDICTIVE DECONVOLUTION
FOLLOWED BY
ZERO PHASE WAVESHAPING
RESIDUAL WAVEFIELD

PROCESSING SEQUENCE:
MEDIAN STACK APPLIED
STATIC CORRECTION TO MSL : APPLIED
BAND PASS FILTER : 5-80 HZ
NORMALISATION GATE : 100 MS
TIME VARYING GAIN : T/70**1.00
DOWNGOING WAVEFIELD SUBTRACTION
10-70 HZ WAVESHAPING DECONVOLUTION

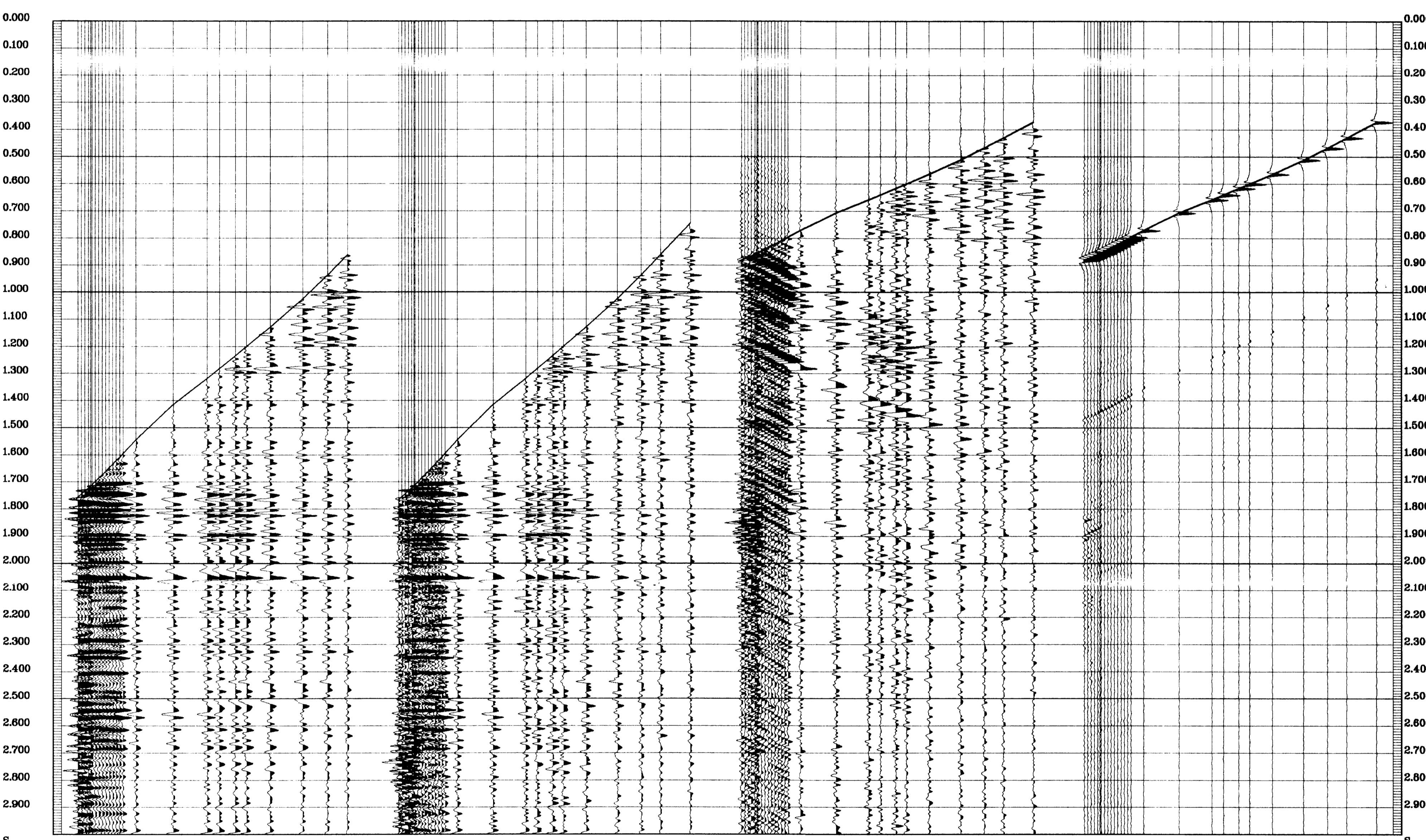
VERTICAL SCALE : 10 CM/SEC
POLARITY (SEC) : NORMAL
TWO WAY TIME

*** WAVESHAPING ***
PREDICTIVE DECONVOLUTION
FOLLOWED BY
ZERO PHASE WAVESHAPING
ENHANCED DOWNGOING WAVEFIELD

PROCESSING SEQUENCE:
MEDIAN STACK APPLIED
STATIC CORRECTION TO MSL : APPLIED
BAND PASS FILTER : 5-80 HZ
NORMALISATION GATE : 100 MS
TIME VARYING GAIN : T/70**1.00
DOWNGOING WAVEFIELD SUBTRACTION
10-70 HZ WAVESHAPING DECONVOLUTION
5 LEVEL ENHANCED DOWNGOING WAVEFIELD

VERTICAL SCALE : 10 CM/SEC
POLARITY (SEC) : NORMAL
TWO WAY TIME

TRUE VERTICAL DEPTH MSL	TRANSIT TIME S	LEVEL NO
861.0	0.275	26
1001.0	0.432	27
1184.0	0.499	28
1398.0	0.613	29
1447.0	0.696	24
1483.0	0.801	23
1548.0	0.842	22
1739.0	0.960	21
1810.0	0.960	20
2008.0	0.796	19
2202.0	0.772	18
2292.0	0.811	17
2382.0	0.850	16
2472.0	0.889	15
2562.0	0.928	14
2652.0	0.967	13
2742.0	1.006	12
2832.0	1.045	11
2922.0	1.084	10
3012.0	1.123	9
3102.0	1.162	8
3192.0	1.201	7
3282.0	1.240	6
3372.0	1.279	5
3462.0	1.318	4
3552.0	1.357	3
3642.0	1.396	2
3732.0	1.435	1



COMPANY ESSO AUSTRALIA LTD.
FIELD WILDCAT
WELL SMILER-1
COUNTRY AUSTRALIA

