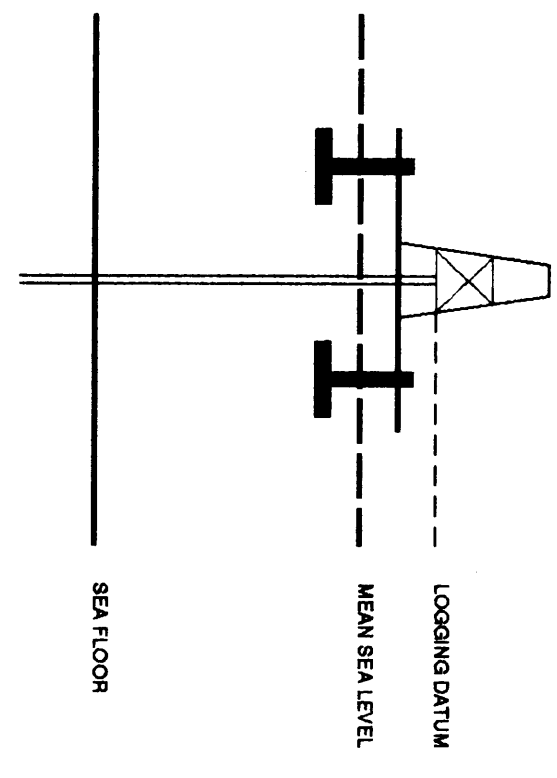


VERTICAL SEISMIC PROFILE

ZERO OFFSET VSP
VELOCITY FILTERING
PLOT



Company: ESSO AUSTRALIA LTD.
Well: ORANGE ROUGHY 1
Field: WILDCAT
Country: AUSTRALIA
Reference No: SV1561133/561134 Interval: 2614.00 to 164.00
Date Logged: 27-JUN-1995 Date Processed: 21-JULY-1995
Location: 036 34' 56.99" S 148 02' 30.99" E
Elevations: KB: 25.00 DF: 24.70 GL: -75.00
Permanent Datum: MSL Depth Units: METRES
FIELD RECORDING: Engineer: P. M. LUBIANO Location: VEA Program Version: 700-47
COMPUTATION: Analyst: A. WISSONCO Centre: STJ Station: 203



Total Number of Levels: 38
Depth Reference: SRD

Time Reference: SRD

Run	Chm	Type	Tool	Depth	SRD	Casing Size	Depth	Top	Bottom
ONE	18-JUN-1985	AS-LCL	AS-LCL	17.3 M				62 M	73 M
TWO	28-JUN-1985	OUT-DIAS		128 M				74 M	2095 M
VSP	27-04-1995	50 M	50 M	5 M BELOW HSL		10 M BELOW HSL		248 DTG	248 DTG

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.

*** VELOCITY FILTER ***
VERTICAL COMPONENT.
DOWNGOING WAVEFIELD
PROCESSING SEQUENCE:
MEDIAN STACK APPLIED
STATIC CORRECTION TO MSL : APPLIED
BAND PASS FILTER : 5-100 HZ
NORMALISATION GATE : 1/TO**1.00
TIME VARYING GAIN : 7/TO**1.00
5 LEVEL MEDIAN ESTIMATE OF
DOWNGOING WAVEFIELD
VERTICAL SCALE : 10 CM/SEC
POLARITY (SEG.) : NORMAL
ONE WAY TIME

*** VELOCITY FILTER ***
VERTICAL COMPONENT.
RESIDUAL WAVEFIELD
PROCESSING SEQUENCE:
MEDIAN STACK APPLIED
STATIC CORRECTION TO MSL : APPLIED
BAND PASS FILTER : 5-100 HZ
NORMALISATION GATE : 1/TO**1.00
TIME VARYING GAIN : 7/TO**1.00
DOWNGOING WAVEFIELD SUBTRACTION
RESIDUAL WAVEFIELD
VERTICAL SCALE : 10 CM/SEC
POLARITY (SEG.) : NORMAL
ONE WAY TIME

*** VELOCITY FILTER ***
VERTICAL COMPONENT.
RESIDUAL WAVEFIELD
PROCESSING SEQUENCE:
MEDIAN STACK APPLIED
STATIC CORRECTION TO MSL : APPLIED
BAND PASS FILTER : 5-100 HZ
NORMALISATION GATE : 1/TO**1.00
TIME VARYING GAIN : 7/TO**1.00
DOWNGOING WAVEFIELD SUBTRACTION
RESIDUAL WAVEFIELD
VERTICAL SCALE : 10 CM/SEC
POLARITY (SEG.) : NORMAL
TWO WAY TIME

*** VELOCITY FILTER ***
VERTICAL COMPONENT.
ENHANCED UPGOING WAVEFIELD
PROCESSING SEQUENCE:
MEDIAN STACK APPLIED
STATIC CORRECTION TO MSL : APPLIED
BAND PASS FILTER : 5-100 HZ
NORMALISATION GAIN : 1/TO**1.00
DOWNGOING WAVEFIELD SUBTRACTION
5 LEVEL ENHANCED UPGOING WAVEFIELD
VERTICAL SCALE : 10 CM/SEC
POLARITY (SEG.) : NORMAL
TWO WAY TIME

RAW DEPTH M	TRUE VERTICAL DEPTH M	TRANSIT TIME S	LEVEL NO
1004.0	1004.0	0.438	36
1000.0	1000.0	0.440	35
1000.0	1000.0	0.440	34
1000.0	1000.0	0.440	33
1000.0	1000.0	0.440	32
1000.0	1000.0	0.440	31
1000.0	1000.0	0.440	30
1000.0	1000.0	0.440	29
1000.0	1000.0	0.440	28
1000.0	1000.0	0.440	27
1000.0	1000.0	0.440	26
1000.0	1000.0	0.440	25
1000.0	1000.0	0.440	24
1000.0	1000.0	0.440	23
1000.0	1000.0	0.440	22
1000.0	1000.0	0.440	21
1000.0	1000.0	0.440	20
1000.0	1000.0	0.440	19
1000.0	1000.0	0.440	18
1000.0	1000.0	0.440	17
1000.0	1000.0	0.440	16
1000.0	1000.0	0.440	15
1000.0	1000.0	0.440	14
1000.0	1000.0	0.440	13
1000.0	1000.0	0.440	12
1000.0	1000.0	0.440	11
1000.0	1000.0	0.440	10
1000.0	1000.0	0.440	9
1000.0	1000.0	0.440	8
1000.0	1000.0	0.440	7
1000.0	1000.0	0.440	6
1000.0	1000.0	0.440	5
1000.0	1000.0	0.440	4
1000.0	1000.0	0.440	3
1000.0	1000.0	0.440	2
1000.0	1000.0	0.440	1

