

ATTACHMENT TO

WCR VOL 1 & 2

TURRUM-6

W 1146



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ESSO AUSTRALIA LTD
WELL SEISMIC PROCESSING REPORT
Zero Offset VSP and Geogram

TURRUM-6

FIELD : TURRUM

COUNTRY : AUSTRALIA

COORDINATES : 038 14'11.108" S
: 148 10' 24.946" E

LOCATION : VICTORIA

DATE OF SURVEY : 14 October 1995

REFERENCE NO. : SYJ.561162/561163

INTERVAL : 2836 - 140M

PETROLEUM DIVISION

18 MAR 1996

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1. Introduction

One vertical seismic profile was recorded with the Combinable Seismic Imager tool (CSI) at the *Turrum-56* well. The data was processed using the conventional zero offset processing chain using only the vertical component.

2. Data Acquisition

The data was acquired in a single logging run using the three component Combinable Seismic Imager tool (CSI). An array of three sleeve air guns were used as the source. The gun was positioned 5 meters below mean sea level. Recording was made on the Schlumberger Maxis 500 Unit using DLIS format.

Table 1. Survey Parameters

Elevation of KB	25.0M
Elevation of DF	24.7 M
Elevation of GL	- 60.0 M
Energy Source	3 X 150 cu in. airguns
Source Offset	50.M
Source Depth	5 M below MSL
Reference Sensor	Hydrophone
Hydrophone Offset	50 M
Hydrophone Depth	10 M below MSL
Source & Hyd. Azimuth	220 Degr.

3. Sonic Calibration Processing

3.1 Sonic Calibration

A 'drift' curve is obtained using the sonic log and the vertical check level times. The term 'drift' is defined as the seismic time (from check shots) minus the sonic time (from integration of edited sonic). Commonly the word 'drift' is used to identify the above difference, or to identify the gradient of drift versus increasing depth, or to identify a difference of drift between two levels.

The gradient of drift, that is the slope of the drift curve, can be negative or positive.

$$\frac{\Delta \text{drift}}{\Delta \text{depth}} < 0$$

For a negative drift the sonic time is greater than the seismic time over a certain section of the log.

For a positive drift $\frac{\Delta \text{drift}}{\Delta \text{depth}} > 0$, the sonic time is less than the seismic time over a certain section of the log.

The drift curve, between two levels, is then an indication of the error on the integrated sonic or an indication of the amount of correction required on the sonic to have the TTI of the corrected sonic match the check shot times.

Two methods of correction to the sonic log are used.

1. Uniform or block shift. This method applies a uniform correction to all the sonic values over the interval. This uniform correction is applied in the case of positive drift and is the average correction represented by the drift curve gradient expressed in $\mu\text{sec/ft}$.

2. ΔT Minimum. In the case of negative drift a second method is used, called ΔT minimum. This applies a differential correction to the sonic log, where it is assumed that the greatest amount of transit time error is caused by the lower velocity sections of the log. Over a given interval the method will correct only Δt values which are higher than a threshold, the Δt_{\min} . Values of Δt which are lower than the threshold are not corrected. The correction is a reduction of the excess of Δt over Δt_{\min} , $\Delta t - \Delta t_{\min}$.

$\Delta t - \Delta t_{\min}$ is reduced through multiplication by a reduction coefficient which remains constant over the interval. This reduction coefficient, named G, can be defined as:

$$G = 1 + \frac{\text{drift}}{\int (\Delta t - \Delta t_{\min}) dZ}$$

Where drift is the drift over the interval to be corrected and the value $\int (\Delta t - \Delta t_{\min}) dZ$ is the time difference between the integrals of the two curves Δt and Δt_{\min} . only over the intervals where $\Delta t > \Delta t_{\min}$.

Hence the corrected sonic: $\Delta t = G(\Delta t - \Delta t_{\min}) + \Delta t_{\min}$.

3.2 Open Hole Logs

The sonic log has been recorded from 2837.0 to 140.0 metres below KB. This sonic log has been edited to alleviate cycle skipping and spiky data. The density log has also been edited to take into account bad hole condition.

The gamma ray and caliper logs are included as correlation curves.

3.3 Correction to Datum and Velocity Modelling

The sonic calibration processing has been referenced to mean sea level which the seismic reference datum. Static corrections are applied to correct for source offset and source depth. This involves using a water velocity of 1524 m/sec.

3.4 Sonic Calibration Results

The top of the sonic log (140.0 metres below KB) is chosen as the origin for the calibration drift curve.

The drift curve is the correction imposed upon the sonic log. The adjusted sonic curve is considered to be the best result using the available data. A list of shifts used on the sonic data is given below.

Table 2: Sonic Drift

Depth Interval (metres below KB)	Block Shift $\mu\text{sec}/\text{mt}$	Δt_{min} $\mu\text{sec}/\text{mt}$	Equiv Block shift $\mu\text{sec}/\text{mt}$
0 - 140.0	0.00	-	0.00
140.0 - 620.0	5.21	-	5.21
620.0 - 1315.0	9.78	-	9.78
1315.0 - 1815.0	5.40	-	5.40
1815.0 - 2300.0	12.78	-	12.78
2300.0 - 2635.0	23.28	-	23.28
2635.0 - 2837.0	1.19	-	1.19

4. Synthetic Seismogram Processing

GEOGRAM plots were generated using 25, 35, and 45 Hz zero phase ricker wavelets.

The presentations include both normal and reverse polarity on a time scale of 10 cm/sec.

GEOGRAM processing produces synthetic seismic traces based on reflection coefficients generated from sonic and density measurements in the well-bore. The steps in the processing chain are the following:

- Depth to time conversion
- Reflection coefficient generation
- Attenuation coefficient calculation
- Convolution
- Output

4.1 Depth to Time Conversion

Open hole logs are recorded from the bottom to top with a depth index. This data is converted to a two-way time index and flipped to read from the top to bottom in order to match the seismic section.

4.2 Primary Reflection Coefficients

Sonic and density data are averaged over chosen time intervals (normally 2 or 4 millisecs). Reflection coefficients are then computed using:

$$R = \frac{\rho_2 \cdot v_2 - \rho_1 \cdot v_1}{\rho_2 \cdot v_2 + \rho_1 \cdot v_1}$$

where:

ρ_1 = density of the layer above the reflection interface

ρ_2 = density of the layer below the reflection interface

v_1 = compressional wave velocity of the layer above the reflection interface

v_2 = compressional wave velocity of the layer below the reflection interface

This computation is done for each time interval to generate a set of primary reflection coefficients without transmission losses.

4.3 Primaries with Transmission Loss

Transmission loss on two-way attenuation coefficients is computed using:

$$A_n = (1 - R_1^2).(1 - R_2^2).(1 - R_3^2)...(1 - R_n^2)$$

A set of primary reflection coefficients with transmission loss is generated using:

$$Primary_n = R_n.A_{n-1}$$

4.4 Primaries plus Multiples

Multiples are computed from these input reflection coefficients using the transform technique from the top of the well to obtain the impulse response of the earth. The transform outputs primaries plus multiples.

4.5 Multiples Only

By subtracting previously calculated primaries from the above result we obtain multiples only.

4.6 Wavelet

A theoretical wavelet is chosen to use for convolution with the reflection coefficients previously generated. Choices available include:

- Klauder wavelet
- Ricker zero phase wavelet
- Ricker minimum phase wavelet
- Butterworth wavelet
- User defined wavelet

Time variant Butterworth filtering can be applied after convolution.

4.7 Polarity Convention

An increase in acoustic impedance gives a positive reflection coefficient, is written to tape as a negative number and is displayed as a white trough under normal polarity. Polarity conventions are displayed in figure 1.

4.8 Convolution

The standard procedure of convolving the wavelet with reflection coefficients; the output is the synthetic seismogram.

5. VSP Processing

The vertical component of the VSP data was processed using the conventional zero offset vertical incident processing chain. The following subsections describe the main aspects of the processing chain.

5.1 Stacking

After reordering and selecting the raw shots, a median stack was performed on the vertical and horizontal component data. The surface sensor (hydrophone) breaks are used as the zero time for stacking. The break time of each trace is recomputed after stacking.

The data quality is fairly good with the vertical component stacks displaying a consistent signature and a high signal to noise ratio, as seen on Plot 1.

5.2 Spherical Divergence Correction and Bandpass Filter

A bandpass filter of 5-100 hertz bandwidth was applied and time varying gain function of the exponential form :

$$\text{GAIN}(T) = \left(\frac{T}{T_0} \right)^\alpha$$

where T is the recorded time, T_0 is the first break time and $\alpha = 1.0$

Trace equalisation was applied by normalising the RMS amplitude of the first break to correct for transmission losses of the direct wave. A normalisation window of 100 millisecs was used (see plot 2).

5.3 Velocity filter

The downgoing coherent energy is estimated using a three levels median velocity filter. The filter array is moved down one level after each computation and the process is repeated level by level over the entire dataset. As a result, the deepest and shallowest levels are lost because of edge effects.

The residual wavefield is obtained by subtracting the downgoing coherent energy from the total wavefield. The residual wavefield is dominated by reflected compressional events (plot 3).

The upgoing wavefield is enhanced by making a median stack of the upgoing aligned traces using a 5 levels filter. The data is now displayed in two way time (plot 3).

5.4 Waveshaping Deconvolution

The waveshaping deconvolution operator is a double sided operator and is designed trace by trace opening 20 ms before the first break with a window length of 1000 ms. The desired outputs were chosen to be zero phase with a band width of 5-70 Hz. Once the design is made upon the downgoing wavefield, it is applied to the downgoing and subtracted wavefield at the same level. The upgoing compressional wavefield is enhanced in an exactly analogous manner to before.

The trace by trace deconvolution is applied in order to collapse the multiple sequence of shear arrivals, diffractions or out of plane reflections. The result of waveshaping deconvolution on the upgoing wavefield is shown in Plot 4.

A corridor stack was computed on the data after zero phase waveshaping deconvolution by defining a constant 150 ms timing window along the time depth curve and stacking the data onto a single trace. This trace under normal circumstances should satisfy the assumption of one dimensionality and provide the best seismic representation of the borehole. This is displayed on Plot 5 .

5.5 VSP Acoustic Impedance Inversion

The zero phase waveshaping should permit a better interpretation of acoustic contrast, hence the data used for the inversion has been taken from the VSP after zero phase waveshaping deconvolution.

The inversion technique is based on entropy minimisation of the reflection coefficient series. In other words, the algorithm chooses the sparsest sequences of reflection coefficients as the preferred solution. The low frequency trend is extracted from the time depth curve such that the inversion technique is achieved without any input from the logged data.

It is important to point out that the acoustic impedance inversion is obtained without any input from the logged data. The quality of the inversion can be assessed by the similarity of the match between the logged impedance and inverted impedance.

Plots 6 and 7 are composite displays of the VSP data, inverted impedance, logged impedance and synthetic seismograms. These displays are a guide to the tie between the geograms and corridor stack.

There is a fairly good tie between the synthetic seismogram and VSP. There are some subtle variations on the Amplitude of the events. The VSP provides a measure of the earth filter effect whilst the synthetic makes some very basic assumptions to approximate the earth filter effect.

A Summary of Geophysical Listings

Five geophysical data listings are appended to this report. Following is a brief description of the format of each listing.

A1 Geophysical Airgun Report

1. Level number: the level number starting from the top level (includes any imposed shots).
2. Measured depth from KB: *dkb*, the depth in metres from kelly bushing.
3. Vertical depth form SRD: *dsrd*, the depth in metres from seismic reference datum.
4. Observed travel time HYD to GEO: *tim0*, the transit time picked from the stacked data by subtracting the surface sensor first break time from the downhole sensor first break time.
5. Vertical travel time SRC to GEO: *timv*, is corrected for source to hydrophone distance and for source offset.
6. Vertical travel time SRD to GEO: *shtm*, is *timv* corrected for the vertical distance between source and datum.
7. Average velocity SRD to GEO: the average seismic velocity from datum to the corresponding checkshot level, $\frac{dsrd}{shtm}$.
8. Delta depth between shots: $\Delta depth$, the vertical distance between each level.
9. Delta time between shots: $\Delta time$, the difference in vertical travel time (*shtm*), between each level.
10. Interval velocity between shots: the average seismic velocity between each level, $\frac{\Delta depth}{\Delta time}$.

A2 Drift Computation Report

1. Level number: the level number starting from the top level (includes any imposed shots).
2. Vertical depth from KB: the depth in metres from kelly bushing
3. Vertical depth from SRD: the depth in metres from seismic reference datum.
4. Vertical travel time SRD to GEO: the calculated vertical travel time from datum to downhole geophone (see column 7, Geophysical Airgun Report).
5. Integrated raw sonic time: the raw sonic log is integrated from top to bottom and listed at each level. An initial value at the top of the sonic log is set equal to the checkshot time at that level. This may be an imposed shot if a shot was not taken at the top of the sonic.
6. Computed drift at level: the checkshot time minus the integrated raw sonic time.
7. Computed blk-shft correction: the drift gradient between any two checkshot levels
$$\left(\frac{\Delta \text{drift}}{\Delta \text{depth}} \right)$$

A3 Sonic Adjustment Parameter Report

1. Knee number: the knee number starting from the highest knee. (The first knees listed will generally be at SRD and the top of sonic. The drift imposed at these knees will normally be zero.)
2. Vertical depth from KB: the depth in metres from kelly bushing
3. Vertical depth from SRD: the depth in metres from seismic reference datum.
4. Drift at knee: the value of drift imposed at each knee.
5. Blockshift used: the change in drift divided by the change in depth between any two levels.
6. Delta-T minimum used: see section 4 of report for an explanation of Δt_{\min} .
7. reduction factor: see section 4 of report.
8. Equivalent blockshift: the gradient of the imposed drift curve.

A4 Velocity Report

1. Level number: the level number starting from the top level (includes any imposed shots).
2. Vertical depth from KB: the depth in metres from kelly bushing.
3. Vertical depth from SRD: the depth in metres from seismic reference datum.
4. Vertical travel time SRD to GEOPH: the vertical travel time from SRD to downhole geophone (see column 7, Geophysical Airgun Report)
5. Integrated adjusted sonic time: the adjusted sonic log is integrated from top to bottom. An initial value at the top of the sonic is set equal the checkshot time at that level. (the adjusted sonic log is the drift corrected sonic log.)
6. Drift=shot time-raw sonic: the check shot time minus the raw integrated sonic time.
7. Residual=shot time-adj sonic: the check shot time minus the adjusted integrated sonic time. This is the difference between calculated drift and the imposed drift.
8. Adjusted interval velocity: the interval velocity calculated from the integrated adjusted sonic time at each level.

A5 Time Converted Velocity Report

the data in this listing has been resampled in time.

1. Two way travel time from SRD: this is the index for the data in this listing. The first value is at SRD (0 millisecs) and the sampling rate is 2 millisecs.
2. Measured depth from KB: the depth from KB at each corresponding value of two way time.
3. Vertical depth from SRD: the vertical depth from SRD at each corresponding value of two way time.
4. Average velocity SRD to GEO: the vertical depth from SRD divided by half the two way time.
5. RMS velocity: the root mean square velocity from datum to the corresponding value of two way time.

$$v_{rms} = \sqrt{\sum_1^n v_i^2 t_i / \sum_1^n t_i}$$

where v_i is the velocity between each 2 millisecs interval.

6. First normal moveout: the correction time in millisecs to be applied to the two way travel time for a specified moveout distance (default = 1000 M).

$$\Delta t = \sqrt{t^2 + \left(\frac{X}{v_{rms}}\right)^2} - t$$

where:

Δt = normal moveout (secs)
 X = moveout distance (metres)
 t = two way time (secs)
 v_{rms} = rms velocity (metres / sec)

7. Second normal moveout: the correction time in millisecs to be applied to the two way travel time for a specified moveout distance (default = 1500 M).

8. Third normal moveout: the correction time in millisecs to be applied to the two way travel time for a specified moveout distance (default = 2000 M)

9. Interval velocity: the velocity between each sampled depth. Typically, the sampling rate is 2 millisecs two way time, (1 millisecc one way time) therefore the interval velocity will be equal to the depth increment divided by 0.002. It is equivalent to column 9 from the Velocity Report.

SCHLUMBERGER (SEG-1976) WAVELET POLARITY CONVENTION

INTERVAL VELOCITY REFLECTION COEFF. ZERO PHASE MINIMUM PHASE

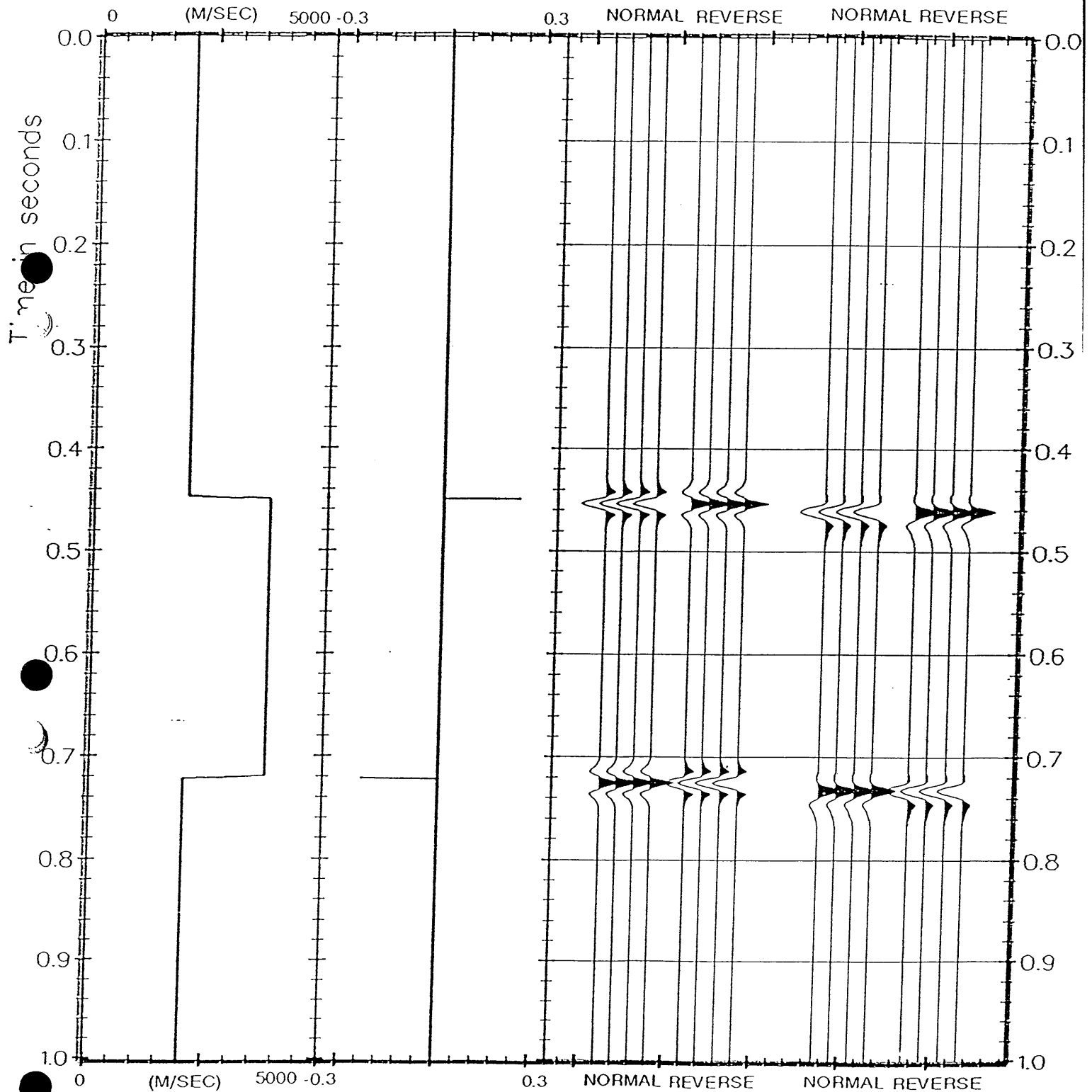


Figure 1 Wavelet Polarity Convention

SHOTS

ANALYST: TCHERKASHNEV

30-OCT-95 15:50:25

PROGRAM: GSHOT 007.E08

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*****  
*                                     *  
*                                     *  
*                                     *  
*                                     *  
*                                     *  
*          SCHLUMBERGER              *  
*                                     *  
*                                     *  
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GEOPHYSICAL AIRGUN REPORT

COMPANY : ESSO AUSTRALIA LTD.
WELL : TURRUM-6
FIELD : TURRUM
STATE : VICTORIA
COUNTRY : AUSTRALIA
REFERENCE: 561162/561163
LOGGED : 14-10-1995

LONG DEFINITIONS

GLOBAL

KB - Elevation of the KELLY-BUSHING Above MSL or MWL
 SRD - Elevation of the Seismic Reference Datum Above MSL or MWL
 EKB - Elevation of Kelly Bushing
 VELHYD - VELOCITY OF THE MEDIUM BETWEEN THE SOURCE AND THE HYDROPHONE
 VELSUR - VELOCITY OF THE MEDIUM BETWEEN THE SOURCE AND THE SRD

MATRIX

GUNELZ - SOURCE ELEVATION ABOVE SRD (ONE FOR THE WHOLE JOB; OR ONE PER SHOT)
 GUNEWZ - SOURCE DISTANCE FROM THE BOREHOLE AXIS IN EW DIRECTION (CF. GUNELZ)
 GUNNSZ - SOURCE DISTANCE FROM THE BOREHOLE AXIS IN NS DIRECTION (CF. GUNELZ)
 HYDELZ - HYDROPHONE ELEVATION ABOVE SRD (CF. GUNELZ)
 HYDEWZ - HYDROPHONE DISTANCE FROM THE BOREHOLE AXIS IN EW DIRECTION (CF. GUNELZ)
 HYDNSZ - HYDROPHONE DISTANCE FROM THE BOREHOLE AXIS IN NS DIRECTION (CF. GUNELZ)
 TRTHYD - TRAVEL TIME FROM THE HYDROPHONE TO THE SOURCE
 TRTSRD - TRAVEL TIME FROM THE SOURCE TO THE SRD
 DEWVEL - DEVIATED WELL DATA PER SHOT : MEAS. DEPTH, VERT. DEPTH, EW, NS

SAMPLED

SHOT.GSH - Shot number
 DKB.GSH - Measured Depth from Kelly-Bushing
 DSRD.GSH - Depth from SRD
 TIMO.GSH - Tie In Memorized Output
 TIMV.GSH - Vertical Travel Time from the Source to the Geophone
 SHTM.GSH - Shot time (WST)
 AVGV.GSH - Average Seismic Velocity
 DELZ.GSH - Depth Interval between Successive Shots
 DELT.GSH - Travel Time Interval between Successive Shots
 INTV.GSH - Internal Velocity, Average

(GLOBAL PARAMETERS)

(VALUE)

ELEV OF KB AB. MSL (WST)	KB	:	25.0000	M
ELEV OF SRD AB. MSL (WST)	SRD	:	0	M
Elevation of Kelly Bushi	EKB	:	25.0000	M
VEL SOURCE-HYDRO (WST)	VELHYD	:	1524.00	M/S
VEL SOURCE-SRD (WST)	VELSUR	:	1524.00	M/S

(MATRIX PARAMETERS)

	SOURCE ELV M	SOURCE EW M	SOURCE NS M	HYDRO ELEV M	HYDRO EW M	HYDRO NS M
1	-5.0	-32.1	-38.3	-10.0	-32.1	-38.3

TRT	HYD-SC	TRT	SC-SRD
	MS		MS
1	3.28		3.28

	MD @ KB	VD @ KB	VD @ SRD	E-W COORD	N-S COORD
	M	M	M	M	M
1	85.0	85.0	60.0	0	0
2	140.0	140.0	115.0	0	0
3	640.1	640.1	615.1	0	0
4	800.0	800.0	775.0	0	0
5	870.1	870.1	845.1	0	0
6	943.1	943.1	918.1	0	0
7	1039.0	1039.0	1014.0	0	0
8	1110.0	1110.0	1085.0	0	0
9	1260.0	1260.0	1235.0	0	0
10	1280.0	1280.0	1255.0	0	0
11	1300.0	1300.0	1275.0	0	0
12	1320.0	1320.0	1295.0	0	0
13	1340.1	1340.1	1315.1	0	0
14	1360.0	1360.0	1335.0	0	0
15	1380.0	1380.0	1355.0	0	0
16	1400.0	1400.0	1375.0	0	0
17	1440.0	1440.0	1415.0	0	0
18	1455.0	1455.0	1430.0	0	0
19	1460.1	1460.1	1435.1	0	0
20	1480.0	1480.0	1455.0	0	0
21	1500.0	1500.0	1475.0	0	0
22	1520.1	1520.1	1495.1	0	0
23	1540.1	1540.1	1515.1	0	0
24	1560.0	1560.0	1535.0	0	0
25	1580.0	1580.0	1555.0	0	0
26	1600.0	1600.0	1575.0	0	0
27	1620.0	1620.0	1595.0	0	0
28	1640.0	1640.0	1615.0	0	0
29	1660.1	1660.1	1635.1	0	0
30	1680.1	1680.1	1655.1	0	0
31	1700.0	1700.0	1675.0	0	0
32	1720.1	1720.1	1695.1	0	0
33	1740.0	1740.0	1715.0	0	0
34	1760.1	1760.1	1735.1	0	0
35	1780.0	1780.0	1755.0	0	0
36	1800.0	1800.0	1775.0	0	0
37	1820.0	1820.0	1795.0	0	0
38	1839.9	1839.9	1814.9	0	0
39	1860.0	1860.0	1835.0	0	0
40	1880.0	1880.0	1855.0	0	0

41	1900.0	1900.0	1875.0	0	0
42	1920.1	1920.1	1895.1	00	00
43	1940.1	1940.1	1915.1	00	00
44	1960.1	1960.1	1935.1	00	00
45	1980.0	1980.0	1955.0	00	00
46	2000.0	2000.0	1975.0	00	00
47	2020.1	2020.1	1995.1	00	00
48	2040.1	2040.1	2015.1	00	00
49	2060.1	2060.1	2035.1	00	00
50	2080.1	2080.1	2055.1	00	00
51	2100.0	2100.0	2075.0	00	00
52	2120.1	2120.1	2095.1	00	00
53	2140.1	2140.1	2115.1	00	00
54	2160.0	2160.0	2135.0	00	00
55	2180.0	2180.0	2155.0	00	00
56	2200.1	2200.1	2175.1	00	00
57	2220.0	2220.0	2195.0	00	00
58	2240.1	2240.1	2215.1	00	00
59	2260.1	2260.1	2235.1	00	00
60	2280.0	2280.0	2255.0	00	00
61	2300.1	2300.1	2275.1	00	00
62	2320.1	2320.1	2295.1	00	00
63	2340.0	2340.0	2315.0	00	00
64	2360.0	2360.0	2335.0	00	00
65	2380.0	2380.0	2355.0	00	00
66	2400.1	2400.1	2375.1	00	00
67	2420.1	2420.1	2395.1	00	00
68	2440.1	2440.1	2415.1	00	00
69	2460.0	2460.0	2435.0	00	00
70	2480.1	2480.1	2455.1	00	00
71	2500.0	2500.0	2475.0	00	00
72	2520.0	2520.0	2495.0	00	00
73	2540.1	2540.1	2515.1	00	00
74	2560.1	2560.1	2535.1	00	00
75	2580.0	2580.0	2555.0	00	00
76	2600.0	2600.0	2575.0	00	00
77	2620.0	2620.0	2595.0	00	00
78	2640.0	2640.0	2615.0	00	00
79	2660.0	2660.0	2635.0	00	00
80	2680.0	2680.0	2655.0	00	00
81	2700.0	2700.0	2675.0	00	00
82	2720.0	2720.0	2695.0	00	00
83	2740.0	2740.0	2715.0	00	00
84	2760.0	2760.0	2735.0	00	00
85	2780.0	2780.0	2755.0	00	00
86	2800.0	2800.0	2775.0	00	00
87	2820.0	2820.0	2795.0	00	00
88	2837.0	2837.0	2812.0	00	00

LEVEL NUMBER	MEASUR DEPTH FROM KB M	VERTIC DEPTH FROM SRD M	OBSERV TRAVEL TIME HYD/GEO MS	VERTIC TRAVEL TIME SRC/GEO MS	VERTIC TRAVEL TIME SRD/GEO MS	AVERAGE VELOC SRD/GEO M/S	DELTA DEPTH BETWEEN SHOTS M	DELTA TIME BETWEEN SHOTS MS	INTERV VELOC BETWEEN SHOTS M/S
1	85.0	60.0	45.49	36.09	39.37	1524			
2	140.0	115.0	68.00	64.89	68.17	1687	55.0	28.80	1909
3	640.1	615.1	274.10	276.45	279.73	2199	500.1	211.56	2364
4	800.0	775.0	332.40	334.98	338.26	2291	159.9	58.52	2732
5	870.1	845.1	358.50	361.14	364.42	2319	70.1	26.17	2679
6	943.1	918.1	386.30	389.00	392.28	2340	73.0	27.86	2621
7	1039.0	1014.0	424.60	427.36	430.64	2355	95.9	38.36	2500
8	1110.0	1085.0	454.50	457.29	460.57	2356	71.0	29.93	2372
9	1260.0	1235.0	512.30	515.16	518.44	2382	150.0	57.86	2592
10	1280.0	1255.0	519.80	522.66	525.94	2386	20.0	7.51	2664
11	1300.0	1275.0	526.60	529.47	532.75	2393	20.0	6.81	2938
12	1320.0	1295.0	534.50	537.38	540.66	2395	20.0	7.91	2530
13	1340.1	1315.1	542.60	545.48	548.76	2396	20.1	8.11	2480
14	1360.0	1335.0	550.40	553.29	556.57	2399	19.9	7.81	2549
15	1380.0	1355.0	557.20	560.10	563.38	2405	20.0	6.81	2938
16	1400.0	1375.0	566.20	569.10	572.38	2402	20.0	9.01	2221
17	1440.0	1415.0	581.10	584.01	587.29	2409	40.0	14.91	2682
18	1455.0	1430.0	586.10	589.02	592.30	2414	15.0	5.00	2997
19	1460.1	1435.1	588.30	591.22	594.50	2414	5.1	2.20	2317
20	1480.0	1455.0	594.10	597.03	600.31	2424	19.9	5.81	3427
21	1500.0	1475.0	601.20	604.13	607.41	2428	20.0	7.11	2815
22	1520.1	1495.1	607.90	610.84	614.12	2435	20.1	6.71	2997
23	1540.1	1515.1	614.60	617.54	620.82	2440	20.0	6.71	2983
24	1560.0	1535.0	622.10	625.05	628.33	2443	19.9	7.50	2652

LEVEL NUMBER	MEASUR DEPTH FROM KB M	VERTIC DEPTH FROM SRD M	OBSERV TRAVEL TIME HYD/GEO MS	VERTIC TRAVEL TIME SRC/GEO MS	VERTIC TRAVEL TIME SRD/GEO MS	AVERAGE VELOC SRD/GEO M/S	DELTA DEPTH BETWEEN SHOTS M	DELTA TIME BETWEEN SHOTS MS	INTERV VELOC BETWEEN SHOTS M/S
25	1580.0	1555.0	629.50	632.45	635.73	2446	20.0	7.40	2701
26	1600.0	1575.0	636.40	639.36	642.64	2451	20.0	6.90	2896
27	1620.0	1595.0	642.90	645.86	649.14	2457	20.0	6.50	3075
28	1640.0	1615.0	651.50	654.47	657.75	2455	20.0	8.60	2325
29	1660.1	1635.1	658.10	661.07	664.35	2461	20.1	6.60	3043
30	1680.1	1655.1	665.40	668.37	671.65	2464	20.0	7.30	2738
31	1700.0	1675.0	671.80	674.78	678.06	2470	19.9	6.40	3107
32	1720.1	1695.1	677.80	680.78	684.06	2478	20.1	6.00	3347
33	1740.0	1715.0	684.10	687.09	690.37	2484	19.9	6.30	3157
34	1760.1	1735.1	690.80	693.79	697.07	2489	20.1	6.70	2998
35	1780.0	1755.0	698.20	701.19	704.48	2491	19.9	7.40	2688
36	1800.0	1775.0	704.90	707.90	711.18	2496	20.0	6.70	2983
37	1820.0	1795.0	710.40	713.40	716.68	2505	20.0	5.50	3634
38	1839.9	1814.9	717.30	720.31	723.59	2508	19.9	6.90	2883
39	1860.0	1835.0	724.70	727.71	730.99	2510	20.1	7.40	2715
40	1880.0	1855.0	730.80	733.81	737.09	2517	20.0	6.10	3277
41	1900.0	1875.0	737.90	740.92	744.20	2519	20.0	7.10	2816
42	1920.1	1895.1	744.20	747.22	750.50	2525	20.1	6.30	3189
43	1940.1	1915.1	750.70	753.72	757.00	2530	20.0	6.50	3075
44	1960.1	1935.1	756.90	759.93	763.21	2535	20.0	6.20	3224
45	1980.0	1955.0	762.80	765.83	769.11	2542	19.9	5.90	3371
46	2000.0	1975.0	769.20	772.23	775.51	2547	20.0	6.40	3124
47	2020.1	1995.1	775.20	778.24	781.52	2553	20.1	6.00	3348
48	2040.1	2015.1	780.70	783.74	787.02	2560	20.0	5.50	3634

LEVEL NUMBER	MEASUR DEPTH FROM KB M	VERTIC DEPTH FROM SRD M	OBSERV TRAVEL TIME HYD/GEO MS	VERTIC TRAVEL TIME SRC/GEO MS	VERTIC TRAVEL TIME SRD/GEO MS	AVERAGE VELOC SRD/GEO M/S	DELTA DEPTH BETWEEN SHOTS M	DELTA TIME BETWEEN SHOTS MS	INTERV VELOC BETWEEN SHOTS M/S
49	2060.1	2035.1	788.00	791.04	794.32	2562	20.0	7.30	2739
50	2080.1	2055.1	793.20	796.24	799.52	2570	20.0	5.20	3844
51	2100.0	2075.0	799.00	802.05	805.33	2577	19.9	5.80	3429
52	2120.1	2095.1	805.30	808.35	811.63	2581	20.1	6.30	3189
53	2140.1	2115.1	811.00	814.05	817.33	2588	20.0	5.70	3507
54	2160.0	2135.0	818.00	821.05	824.34	2590	19.9	7.00	2842
55	2180.0	2155.0	821.80	824.86	828.14	2602	20.0	3.80	5259
56	2200.1	2175.1	828.80	831.86	835.14	2604	20.1	7.00	2871
57	2220.0	2195.0	833.90	836.96	840.24	2612	19.9	5.10	3900
58	2240.1	2215.1	838.50	841.57	844.85	2622	20.1	4.60	4367
59	2260.1	2235.1	845.90	848.97	852.25	2623	20.0	7.40	2702
60	2280.0	2255.0	850.00	853.07	856.35	2633	19.9	4.10	4850
61	2300.1	2275.1	856.20	859.27	862.55	2638	20.1	6.20	3241
62	2320.1	2295.1	861.60	864.67	867.96	2644	20.0	5.40	3702
63	2340.0	2315.0	866.30	869.38	872.66	2653	19.9	4.70	4232
64	2360.0	2335.0	872.50	875.58	878.86	2657	20.0	6.20	3225
65	2380.0	2355.0	879.10	882.18	885.46	2660	20.0	6.60	3029
66	2400.1	2375.1	883.70	886.78	890.06	2668	20.1	4.60	4367
67	2420.1	2395.1	891.40	894.49	897.77	2668	20.0	7.70	2597
68	2440.1	2415.1	896.30	899.39	902.67	2676	20.0	4.90	4080
69	2460.0	2435.0	902.50	905.59	908.87	2679	19.9	6.20	3209
70	2480.1	2455.1	909.00	912.09	915.37	2682	20.1	6.50	3091
71	2500.0	2475.0	915.10	918.19	921.47	2685	19.9	6.10	3261
72	2520.0	2495.0	921.20	924.29	927.58	2690	20.0	6.10	3278

LEVEL NUMBER	MEASUR DEPTH FROM KB M	VERTIC DEPTH FROM SRD M	OBSERV TRAVEL TIME HYD/GEO MS	VERTIC TRAVEL TIME SRC/GEO MS	VERTIC TRAVEL TIME SRD/GEO MS	AVERAGE VELOC SRD/GEO M/S	DELTA DEPTH BETWEEN SHOTS M	DELTA TIME BETWEEN SHOTS MS	INTERV VELOC BETWEEN SHOTS M/S
73	2540.1	2515.1	926.30	929.40	932.68	2697	20.1	5.10	3940
74	2560.1	2535.1	932.80	935.90	939.18	2699	20.0	6.50	3076
75	2580.0	2555.0	939.60	942.70	945.98	2701	19.9	6.80	2926
76	2600.0	2575.0	946.40	949.50	952.78	2703	20.0	6.80	2940
77	2620.0	2595.0	952.70	955.80	959.08	2706	20.0	6.30	3174
78	2640.0	2615.0	959.20	962.30	965.59	2708	20.0	6.50	3076
79	2660.0	2635.0	962.70	965.81	969.09	2719	20.0	3.50	5711
80	2680.0	2655.0	971.20	974.31	977.59	2716	20.0	8.50	2353
81	2700.0	2675.0	976.50	979.61	982.89	2722	20.0	5.30	3772
82	2720.0	2695.0	982.40	985.51	988.79	2726	20.0	5.90	3389
83	2740.0	2715.0	986.10	989.21	992.49	2736	20.0	3.70	5403
84	2760.0	2735.0	991.20	994.31	997.59	2742	20.0	5.10	3920
85	2780.0	2755.0	997.00	1000.12	1003.40	2746	20.0	5.80	3447
86	2800.0	2775.0	1002.50	1005.62	1008.90	2751	20.0	5.50	3635
87	2820.0	2795.0	1007.70	1010.82	1014.10	2756	20.0	5.20	3845
88	2837.0	2812.0	1012.50	1015.62	1018.90	2760	17.0	4.80	3541

DRIFT

DRIFT

ANALYST .TCHERKASHNEV

30-OCT-95 15:50

PROGRAM: GDRIFT 007.E09

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DRIFT COMPUTATION REPORT

COMPANY : ESSO AUSTRALIA LTD.
WELL : TURRUM-6
FIELD : TURRUM
STATE : VICTORIA
COUNTRY : AUSTRALIA
REFERENCE: 561162/561163
LOGGED : 14-10-1995

LONG DEFINITIONS

GLOBAL

KB - Elevation of the KELLY-BUSHING Above MSL or MWL
 SRD - Elevation of the Seismic Reference Datum Above MSL or MWL
 EKB - Elevation of Kelly Bushing
 XSTART - TOP OF ZONE PROCESSED BY WST
 XSTOP - BOTTOM OF ZONE PROCESSED BY WST
 UNFDEN - UNIFORM DENSITY VALUE
 GAD001 - RAW SONIC CHANNEL NAME USED FOR WST SONIC ADJUSTMENT

ZONE

LOFDEN - LAYER OPTION FLAG FOR DENSITY : -1=NONE; 0=UNIFORM; 1=UNIFORM+LAYER
 LAYDEN - USER SUPPLIED DENSITY DATA

SAMPLED

SHOT - Shot number
 DKB - Measured Depth from Kelly-Bushing
 DSRD - Depth from SRD
 SHTM - Shot time (WST)
 RAWS - Raw Sonic (WST)
 SHDR - Drift at Shot or Knee
 BLSH - Block Shift between Shots or Knee

(GLOBAL PARAMETERS)

(VALUE)

ELEV OF KB AB. MSL (WST)	KB	:	25.0000	M
ELEV OF SRD AB. MSL (WST)	SRD	:	0	M
Elevation of Kelly Bushi	EKB	:	25.0000	M
TOP OF ZONE PROCD (WST)	XSTART	:	0	M
BOT OF ZONE PROCD (WST)	XSTOP	:	0	M
UNIFORM DENSITY VALUE	UNFDEN	:	2.30000	G/C3
RAW SONIC CH NAME (WST)	GAD001	:	DT.EDI.ATT.002.FLP.*	

(ZONED PARAMETERS)

(VALUE)

(LIMITS)

LAYER OPTION FLAG DENS	LOFDEN	:	1.000000	30479.7	-	0
USER SUPPLIED DENSITY DA	LAYDEN	:	0	G/C3	0	-
						0

LEVEL NUMBER	MEASURED DEPTH FROM KB M	VERTICAL DEPTH FROM SRD M	VERTICAL TRAVEL TIME SRD/GEO MS	INTEGRATED RAW SONIC TIME MS	COMPUTED DRIFT AT LEVEL MS	COMPUTED BLK-SHFT CORRECTION US/M
1	85.0	60.0	39.37	39.37	0	0
2	140.0	115.0	68.17	68.17	0	0
3	640.1	615.1	279.73	277.30	2.44	4.88
4	800.0	775.0	338.26	333.97	4.28	11.53
5	870.1	845.1	364.42	359.94	4.48	2.89
6	943.1	918.1	392.28	386.66	5.62	15.60
7	1039.0	1014.0	430.64	424.87	5.77	1.51
8	1110.0	1085.0	460.57	453.75	6.83	14.88
9	1260.0	1235.0	518.44	509.84	8.59	11.79
10	1280.0	1255.0	525.94	516.81	9.13	26.89
11	1300.0	1275.0	532.75	523.97	8.78	-17.51
12	1320.0	1295.0	540.66	531.34	9.32	26.73
13	1340.1	1315.1	548.76	539.42	9.34	1.25
14	1360.0	1335.0	556.57	547.10	9.47	6.36
15	1380.0	1355.0	563.38	554.50	8.88	-29.32
16	1400.0	1375.0	572.38	562.03	10.35	73.30
17	1440.0	1415.0	587.29	577.08	10.22	-3.28
18	1455.0	1430.0	592.30	582.58	9.72	-33.00
19	1460.1	1435.1	594.50	584.13	10.37	127.58
20	1480.0	1455.0	600.31	590.32	9.99	-19.15
21	1500.0	1475.0	607.41	597.20	10.21	11.01
22	1520.1	1495.1	614.12	604.03	10.09	-6.26
23	1540.1	1515.1	620.82	610.70	10.12	1.87
24	1560.0	1535.0	628.33	618.65	9.68	-22.39

LEVEL NUMBER	MEASURED DEPTH FROM KB M	VERTICAL DEPTH FROM SRD M	VERTICAL TRAVEL TIME SRD/GEO MS	INTEGRATED RAW SONIC TIME MS	COMPUTED DRIFT AT LEVEL MS	COMPUTED BLK-SHFT CORRECTION US/M
25	1580.0	1555.0	635.73	625.77	9.96	14.23
26	1600.0	1575.0	642.64	632.95	9.69	-13.58
27	1620.0	1595.0	649.14	639.86	9.29	-20.18
28	1640.0	1615.0	657.75	647.03	10.71	71.34
29	1660.1	1635.1	664.35	654.15	10.20	-25.50
30	1680.1	1655.1	671.65	660.98	10.68	23.69
31	1700.0	1675.0	678.06	667.21	10.85	8.66
32	1720.1	1695.1	684.06	673.59	10.47	-18.54
33	1740.0	1715.0	690.37	679.78	10.59	5.91
34	1760.1	1735.1	697.07	686.28	10.79	10.02
35	1780.0	1755.0	704.48	692.75	11.72	46.66
36	1800.0	1775.0	711.18	698.96	12.22	24.71
37	1820.0	1795.0	716.68	705.03	11.65	-28.10
38	1839.9	1814.9	723.59	710.87	12.72	53.30
39	1860.0	1835.0	730.99	717.64	13.35	31.66
40	1880.0	1855.0	737.09	723.56	13.53	8.92
41	1900.0	1875.0	744.20	730.09	14.11	28.78
42	1920.1	1895.1	750.50	736.06	14.44	16.48
43	1940.1	1915.1	757.00	742.26	14.74	15.24
44	1960.1	1935.1	763.21	748.42	14.79	2.30
45	1980.0	1955.0	769.11	754.42	14.69	-5.24
46	2000.0	1975.0	775.51	760.31	15.20	25.87
47	2020.1	1995.1	781.52	766.40	15.11	-4.43
48	2040.1	2015.1	787.62	772.24	14.78	-16.66

LEVEL NUMBER	MEASURED DEPTH FROM KB M	VERTICAL DEPTH FROM SRD M	VERTICAL TRAVEL TIME SRD/GEO MS	INTEGRATED RAW SONIC TIME MS	COMPUTED DRIFT AT LEVEL MS	COMPUTED BLK-SHFT CORRECTION US/M
49	2060.1	2035.1	794.32	778.12	16.20	70.89
50	2080.1	2055.1	799.52	783.88	15.64	-27.91
51	2100.0	2075.0	805.33	789.51	15.82	9.01
52	2120.1	2095.1	811.63	795.25	16.38	27.74
53	2140.1	2115.1	817.33	800.96	16.38	-.09
54	2160.0	2135.0	824.34	806.51	17.83	73.03
55	2180.0	2155.0	828.14	812.06	16.08	-87.41
56	2200.1	2175.1	835.14	817.56	17.58	74.43
57	2220.0	2195.0	840.24	822.99	17.25	-16.43
58	2240.1	2215.1	844.85	828.46	16.39	-42.90
59	2260.1	2235.1	852.25	834.16	18.09	85.09
60	2280.0	2255.0	856.35	839.55	16.80	-64.97
61	2300.1	2275.1	862.55	845.11	17.44	32.06
62	2320.1	2295.1	867.96	850.60	17.36	-4.28
63	2340.0	2315.0	872.66	855.48	17.18	-8.68
64	2360.0	2335.0	878.86	860.56	18.30	55.65
65	2380.0	2355.0	885.46	865.67	19.80	75.03
66	2400.1	2375.1	890.06	870.81	19.25	-27.10
67	2420.1	2395.1	897.77	875.63	22.14	144.42
68	2440.1	2415.1	902.67	881.39	21.28	-43.22
69	2460.0	2435.0	908.87	887.26	21.61	16.61
70	2480.1	2455.1	915.37	892.70	22.68	53.25
71	2500.0	2475.0	921.47	898.65	22.82	7.46
72	2520.0	2495.0	927.58	904.25	23.32	24.95

LEVEL NUMBER	MEASURED DEPTH FROM KB M	VERTICAL DEPTH FROM SRD M	VERTICAL TRAVEL TIME SRD/GEO MS	INTEGRATED RAW SONIC TIME MS	COMPUTED DRIFT AT LEVEL MS	COMPUTED BLK-SHFT CORRECTION US/M
73	2540.1	2515.1	932.68	909.30	23.38	2.80
74	2560.1	2535.1	939.18	915.84	23.34	-2.04
75	2580.0	2555.0	945.98	921.50	24.48	57.38
76	2600.0	2575.0	952.78	927.60	25.18	34.84
77	2620.0	2595.0	959.08	933.41	25.67	24.76
78	2640.0	2615.0	965.59	938.97	26.61	46.93
79	2660.0	2635.0	969.09	944.59	24.50	-105.54
80	2680.0	2655.0	977.59	950.63	26.96	122.93
81	2700.0	2675.0	982.89	956.56	26.33	-31.45
82	2720.0	2695.0	988.79	961.74	27.05	35.97
83	2740.0	2715.0	992.49	966.64	25.86	-59.71
84	2760.0	2735.0	997.59	971.81	25.79	-3.40
85	2780.0	2755.0	1003.40	977.36	26.04	12.54
86	2800.0	2775.0	1008.90	982.76	26.14	5.02
87	2820.0	2795.0	1014.10	988.13	25.97	-8.55
88	2837.0	2812.0	1018.90	992.66	26.24	15.84

ANALYST: S. TCHERKASHNEV

30-OCT-95 17:00:02

PROGRAM: GADJST 008.E08

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SONIC ADJUSTMENT PARAMETER REPORT

COMPANY : ESSO AUSTRALIA LTD.
WELL : TURRUM-6
FIELD : TURRUM
STATE : VICTORIA
COUNTRY : AUSTRALIA
REFERENCE: 561162/561163
LOGGED : 14-10-1995

LONG DEFINITIONS

GLOBAL

SRCDRF - ORIGIN OF ADJUSTMENT DATA
 CONADJ - CONSTANT ADJUSTMENT TO AUTOMATIC DELTA-T MINIMUM = 7.5 US/F
 UNERTH - UNIFORM EARTH VELOCITY (GTRFRM)

ZONE

ZDRIFT - USER DRIFT AT BOTTOM OF THE ZONE
 ADJOPZ - TYPE OF ADJUSTMENT IN THE DRIFT ZONE : 0=DELTA-T MIN, 1=BLOCKSHIFT
 ADJUSZ - DELTA-T MINIMUM USED FOR ADJUSTMENT IN THE DRIFT ZONE
 LOFVEL - LAYER OPTION FLAG FOR VELOCITY: -1=NONE; 0=UNIFORM; 1=UNIFORM+LAYER
 LAYVEL - USER SUPPLIED VELOCITY DATA

SAMPLED

SHOT - Shot number
 VDKB - Vertical Depth Relative to KB
 DSRD - Depth from SRD
 KNEE - Knee
 BLSH - Block Shift between Shots or Knee
 DTMI - Value of Delta-T Minimum used
 COEF - Delta-T MIN Coefficient used in the Drift Zone
 DRGR - Gradient of Drift Curve

(GLOBAL PARAMETERS)

(VALUE)

ORIG OF ADJ DATA (WST)	SRCDRF	:	2.00000	
CONS SONIC ADJST (WST)	CONADJ	:	24.6063	US/M
UNIFORM EARTH VELOCITY	UNERTH	:	1524.00	M/S

(ZONED PARAMETERS)

(VALUE)

(LIMITS)

USER DRIFT ZONE (WST)	ZDRIFT	:	26.24000	MS	2837.00	-	2635.00
			26.00000		2635.00		2300.00
			18.20000		2300.00		1815.00
			12.00000		1815.00		1315.00
			9.300000		1315.00		620.000
			2.500000		620.000		140.000
			0		140.000		0
ADJUSMNT MODE (WST)	ADJOPZ	:	-999.2500		30479.7	-	0
USER DELTA-T MIN (WST)	ADJUSZ	:	-999.2500	US/M	30479.7	-	0
LAYER OPTION FLAG VELOC	LOFVEL	:	0		30479.7	-	0
USER VELOC (WST)	LAYVEL	:	1909.000	M/S	140.000	-	85.0000
			1524.000		85.0000		0

COMPANY : ESSO AUSTRALIA LTD.

WELL : TURRUM-6

PAGE 2

KNEE NUMBER	VERTICAL DEPTH FROM KB M	VERTICAL DEPTH FROM SRD M	DRIFT AT KNEE MS	BLOCKSHIFT USED US/M	DELTA-T MINIMUM USED US/M	REDUCTION FACTOR G	EQUIVALENT BLOCKSHIFT US/M
2	140.0	115.0	0	0			0
3	620.0	595.0	2.50	5.21			5.21
4	1315.0	1290.0	9.30	9.78			9.78
5	1815.0	1790.0	12.00	5.40			5.40
6	2300.0	2275.0	18.20	12.78			12.78
7	2635.0	2610.0	26.00	23.28			23.28
8	2837.0	2812.0	26.24	1.19			1.19

ANALYST .TCHERKASHNEV

30-OCT-95 17:00:09

PROGRAM: GADJST 008.E08

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VELOCITY REPORT

COMPANY : ESSO AUSTRALIA LTD.
WELL : TURRUM-6
FIELD : TURRUM
STATE : VICTORIA
COUNTRY : AUSTRALIA
REFERENCE: 561162/561163
LOGGED : 14-10-1995

LONG DEFINITIONS

GLOBAL

KB - Elevation of the KELLY-BUSHING Above MSL or MWL
 SRD - Elevation of the Seismic Reference Datum Above MSL or MWL
 EKB - Elevation of Kelly Bushing
 UNERTH - UNIFORM EARTH VELOCITY (GTRFRM)

ZONE

LOFVEL - LAYER OPTION FLAG FOR VELOCITY: -1=NONE; 0=UNIFORM; 1=UNIFORM+LAYER
 LAYVEL - USER SUPPLIED VELOCITY DATA

SAMPLED

SHOT - Shot number
 DKB - Measured Depth from Kelly-Bushing
 DSRD - Depth from SRD
 SHTM - Shot time (WST)
 ADJS - Adjusted Sonic Travel Time
 SHDR - Drift at Shot or Knee
 REST - Residual Travel Time at Knee
 INTV - Internal Velocity, Average

(GLOBAL PARAMETERS)

(VALUE)

ELEV OF KB AB. MSL (WST)	KB	:	25.0000	M
ELEV OF SRD AB. MSL (WST)	SRD	:	0	M
Elevation of Kelly Bushi	EKB	:	25.0000	M
UNIFORM EARTH VELOCITY	UNERTH	:	1524.00	M/S

(ZONED PARAMETERS)

(VALUE)

(LIMITS)

LAYER OPTION FLAG VELOC	LOFVEL	:	0	30479.7	-	0
USER VELOC (WST)	LAYVEL	:	1909.000	M/S	140.000	- 85.0000
			1524.000		85.0000	0

LEVEL NUMBER	MEASURED DEPTH FROM KB M	VERTICAL DEPTH FROM SRD M	VERTICAL TRAVEL TIME SRD/GEOPH MS	INTEGRATED ADJUSTED SONIC TIME MS	DRIFT = SHOT TIME - RAW SON MS	RESIDUAL = SHOT TIME - ADJ SON MS	ADJUSTED INTERVAL VELOCITY M/S
1	85.0	60.0	39.37	39.37	0	0	1524
2	140.0	115.0	68.17	68.17	0	0	1909
3	640.1	615.1	279.73	279.97	2.44	-.23	2361
4	800.0	775.0	338.26	338.21	4.28	.05	2745
5	870.1	845.1	364.42	364.86	4.48	-.44	2630
6	943.1	918.1	392.28	392.30	5.62	-.02	2661
7	1039.0	1014.0	430.64	431.45	5.77	-.82	2449
8	1110.0	1085.0	460.57	461.02	6.83	-.45	2401
9	1260.0	1235.0	518.44	518.58	8.59	-.14	2606
10	1280.0	1255.0	525.94	525.74	9.13	.20	2791
11	1300.0	1275.0	532.75	533.10	8.78	-.35	2720
12	1320.0	1295.0	540.66	540.65	9.32	.01	2648
13	1340.1	1315.1	548.76	548.84	9.34	-.07	2456
14	1360.0	1335.0	556.57	556.63	9.47	-.06	2554
15	1380.0	1355.0	563.38	564.13	8.88	-.75	2666
16	1400.0	1375.0	572.38	571.77	10.35	.61	2617
17	1440.0	1415.0	587.29	587.03	10.22	.26	2621
18	1455.0	1430.0	592.30	592.60	9.72	-.30	2693
19	1460.1	1435.1	594.50	594.18	10.37	.32	3228
20	1480.0	1455.0	600.31	600.48	9.99	-.17	3163
21	1500.0	1475.0	607.41	607.48	10.21	-.06	2857
22	1520.1	1495.1	614.12	614.41	10.09	-.30	2897
23	1540.1	1515.1	620.82	621.19	10.12	-.37	2952
24	1560.0	1535.0	628.33	629.24	9.68	-.91	2471

LEVEL NUMBER	MEASURED DEPTH FROM KB M	VERTICAL DEPTH FROM SRD M	VERTICAL TRAVEL TIME SRD/GEOPH MS	INTEGRATED ADJUSTED SONIC TIME MS	DRIFT = SHOT TIME - RAW SON MS	RESIDUAL = SHOT TIME - ADJ SON MS	ADJUSTED INTERVAL VELOCITY M/S
25	1580.0	1555.0	635.73	636.48	9.96	-.75	2764
26	1600.0	1575.0	642.64	643.76	9.69	-1.12	2746
27	1620.0	1595.0	649.14	650.80	9.29	-1.65	2843
28	1640.0	1615.0	657.75	658.06	10.71	-.31	2754
29	1660.1	1635.1	664.35	665.29	10.20	-.93	2781
30	1680.1	1655.1	671.65	672.22	10.68	-.56	2884
31	1700.0	1675.0	678.06	678.56	10.85	-.50	3138
32	1720.1	1695.1	684.06	685.05	10.47	-.98	3100
33	1740.0	1715.0	690.37	691.34	10.59	-.97	3162
34	1760.1	1735.1	697.07	697.95	10.79	-.88	3040
35	1780.0	1755.0	704.48	704.53	11.72	-.05	3027
36	1800.0	1775.0	711.18	710.84	12.22	.34	3165
37	1820.0	1795.0	716.68	717.06	11.65	-.38	3217
38	1839.9	1814.9	723.59	723.16	12.72	.42	3260
39	1860.0	1835.0	730.99	730.18	13.35	.81	2865
40	1880.0	1855.0	737.09	736.36	13.53	.73	3235
41	1900.0	1875.0	744.20	743.15	14.11	1.05	2948
42	1920.1	1895.1	750.50	749.38	14.44	1.13	3227
43	1940.1	1915.1	757.00	755.83	14.74	1.18	3100
44	1960.1	1935.1	763.21	762.24	14.79	.97	3118
45	1980.0	1955.0	769.11	768.50	14.69	.61	3180
46	2000.0	1975.0	775.51	774.64	15.20	.87	3257
47	2020.1	1995.1	781.52	781.00	15.11	.52	3163
48	2040.1	2015.1	787.02	787.08	14.78	-.06	3287

LEVEL NUMBER	MEASURED DEPTH FROM KB M	VERTICAL DEPTH FROM SRD M	VERTICAL TRAVEL TIME SRD/GEOPH MS	INTEGRATED ADJUSTED SONIC TIME MS	DRIFT = SHOT TIME - RAW SON MS	RESIDUAL = SHOT TIME - ADJ SON MS	ADJUSTED INTERVAL VELOCITY M/S
49	2060.1	2035.1	794.32	793.22	16.20	1.10	3257
50	2080.1	2055.1	799.52	799.24	15.64	.29	3326
51	2100.0	2075.0	805.33	805.12	15.82	.21	3383
52	2120.1	2095.1	811.63	811.12	16.38	.51	3350
53	2140.1	2115.1	817.33	817.08	16.38	.25	3354
54	2160.0	2135.0	824.34	822.88	17.83	1.46	3431
55	2180.0	2155.0	828.14	828.68	16.08	-.55	3446
56	2200.1	2175.1	835.14	834.45	17.58	.69	3487
57	2220.0	2195.0	840.24	840.13	17.25	.11	3501
58	2240.1	2215.1	844.85	845.86	16.39	-1.01	3510
59	2260.1	2235.1	852.25	851.81	18.09	.44	3360
60	2280.0	2255.0	856.35	857.46	16.80	-1.11	3521
61	2300.1	2275.1	862.55	863.28	17.44	-.73	3453
62	2320.1	2295.1	867.96	869.23	17.36	-1.27	3365
63	2340.0	2315.0	872.66	874.56	17.18	-1.91	3728
64	2360.0	2335.0	878.86	880.12	18.30	-1.26	3600
65	2380.0	2355.0	885.46	885.69	19.80	-.23	3591
66	2400.1	2375.1	890.06	891.31	19.25	-1.25	3575
67	2420.1	2395.1	897.77	896.58	22.14	1.19	3800
68	2440.1	2415.1	902.67	902.82	21.28	-.15	3203
69	2460.0	2435.0	908.87	909.16	21.61	-.29	3141
70	2480.1	2455.1	915.37	915.05	22.68	.32	3411
71	2500.0	2475.0	921.47	921.47	22.82	0	3100
72	2520.0	2495.0	927.58	927.53	23.32	.04	3298

LEVEL NUMBER	MEASURED DEPTH FROM KB M	VERTICAL DEPTH FROM SRD M	VERTICAL TRAVEL TIME SRD/GEOPH MS	INTEGRATED ADJUSTED SONIC TIME MS	DRIFT = SHOT TIME - RAW SON MS	RESIDUAL = SHOT TIME - ADJ SON MS	ADJUSTED INTERVAL VELOCITY M/S
73	2540.1	2515.1	932.68	933.05	23.38	-.37	3645
74	2560.1	2535.1	939.18	940.07	23.34	-.90	2846
75	2580.0	2555.0	945.98	946.18	24.48	-.20	3259
76	2600.0	2575.0	952.78	952.77	25.18	.02	3038
77	2620.0	2595.0	959.08	959.02	25.67	.06	3196
78	2640.0	2615.0	965.59	964.94	26.61	.65	3381
79	2660.0	2635.0	969.09	970.60	24.50	-1.51	3533
80	2680.0	2655.0	977.59	976.65	26.96	.94	3307
81	2700.0	2675.0	982.89	982.60	26.33	.29	3359
82	2720.0	2695.0	988.79	987.80	27.05	.99	3845
83	2740.0	2715.0	992.49	992.72	25.86	-.23	4067
84	2760.0	2735.0	997.59	997.92	25.79	-.32	3849
85	2780.0	2755.0	1003.40	1003.49	26.04	-.09	3588
86	2800.0	2775.0	1008.90	1008.92	26.14	-.02	3687
87	2820.0	2795.0	1014.10	1014.31	25.97	-.21	3705
88	2837.0	2812.0	1018.90	1018.87	26.24	.03	3730

TIME / DEPTH

TIME/DEPTH

ANALYST: TCHERKASHNEV

30-OCT-95 17:00:12

PROGRAM: GTRFRM 001.E13

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TIME CONVERTED VELOCITY REPORT

COMPANY : ESSO AUSTRALIA LTD.
WELL : TURRUM-6
FIELD : TURRUM
STATE : VICTORIA
COUNTRY : AUSTRALIA
REFERENCE: 561162/561163
LOGGED : 14-10-1995

LONG DEFINITIONS

GLOBAL

KB - Elevation of the KELLY-BUSHING Above MSL or MWL
 SRD - Elevation of the Seismic Reference Datum Above MSL or MWL
 GL - Elevation of Users Reference (Generally Ground Level) Above SRD
 UNERTH - UNIFORM EARTH VELOCITY (GTRFRM)
 UNFDEN - UNIFORM DENSITY VALUE

MATRIX

MVODIS - MOVE-OUT DISTANCE FROM BOREHOLE

ZONE

LOFVEL - LAYER OPTION FLAG FOR VELOCITY: -1=NONE; 0=UNIFORM; 1=UNIFORM+LAYER
 LAYVEL - USER SUPPLIED VELOCITY DATA
 LOFDEN - LAYER OPTION FLAG FOR DENSITY : -1=NONE; 0=UNIFORM; 1=UNIFORM+LAYER
 LAYDEN - USER SUPPLIED DENSITY DATA

SAMPLED

TWOT - Two Way Travel Time (Relative to the Seismic Reference)
 DKB - Measured Depth from Kelly-Bushing
 DSRD - Depth from SRD
 AVGV - Average Seismic Velocity
 RMSV - Root Mean Square Velocity (Seismic)
 MVOT - Normal Move-Out
 MVOT - Normal Move-Out
 MVOT - Normal Move-Out
 INTV - Internal Velocity, Average

(GLOBAL PARAMETERS)

(VALUE)

ELEV OF KB AB. MSL (WST)	KB	:	25.0000	M
ELEV OF SRD AB. MSL (WST)	SRD	:	0	M
ELEV OF GL AB. SRD (WST)	GL	:	0	M
UNIFORM EARTH VELOCITY	UNERTH	:	1524.00	M/S
UNIFORM DENSITY VALUE	UNFDEN	:	2.30000	G/C3

(MATRIX PARAMETERS)

MVOUT DIST
M

1	1000.0
2	1500.0
3	2000.0

COMPANY : ESSO AUSTRALIA LTD.

WE : TURRUM-6

PAGE 2

(ZONED PARAMETERS)	(VALUE)	(LIMITS)
LAYER OPTION FLAG VELOC LOFVEL	: 0	30479.7 - 0
USER VELOC (WST) LAYVEL	: 1909.000 M/S	140.000 - 85.0000
	1524.000	85.0000
LAYER OPTION FLAG DENS LOFDEN	: -1.000000	30479.7 - 0
USER SUPPLIED DENSITY DA LAYDEN	: 0 G/C3	0 - 0

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM KB M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
0	25.0	0						1524
2.00	26.5	1.5	1524	1524	654.17	982.25	1310.34	1524
4.00	28.0	3.0	1524	1524	652.18	980.26	1308.34	1524
6.00	29.6	4.6	1524	1524	650.20	978.27	1306.35	1524
8.00	31.1	6.1	1524	1524	648.22	976.28	1304.36	1524
10.00	32.6	7.6	1524	1524	646.24	974.30	1302.37	1524
12.00	34.1	9.1	1524	1524	644.28	972.32	1300.39	1524
14.00	35.7	10.7	1524	1524	642.32	970.35	1298.41	1524
16.00	37.2	12.2	1524	1524	640.36	968.38	1296.43	1524
18.00	38.7	13.7	1524	1524	638.41	966.42	1294.46	1524
20.00	40.2	15.2	1524	1524	636.47	964.46	1292.49	1524
22.00	41.8	16.8	1524	1524	634.54	962.50	1290.52	1524
24.00	43.3	18.3	1524	1524	632.61	960.54	1288.56	1524
26.00	44.8	19.8	1524	1524	630.68	958.60	1286.59	1524
28.00	46.3	21.3	1524	1524	628.77	956.65	1284.63	1524
30.00	47.9	22.9	1524	1524	626.85	954.71	1282.68	1524
32.00	49.4	24.4	1524	1524	624.95	952.77	1280.73	1524
34.00	50.9	25.9	1524	1524	623.05	950.84	1278.78	1524
36.00	52.4	27.4	1524	1524	621.15	948.91	1276.83	1524
38.00	54.0	29.0	1524	1524	619.27	946.99	1274.89	1524
40.00	55.5	30.5	1524	1524	617.39	945.06	1272.95	1524
42.00	57.0	32.0	1524	1524	615.51	943.15	1271.01	1524
44.00	58.5	33.5	1524	1524	613.64	941.24	1269.07	1524
46.00	60.1	35.1	1524	1524	611.78	939.33	1267.14	1524

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM KB M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
48.00	61.6	36.6	1524	1524	609.92	937.42	1265.21	1524
50.00	63.1	38.1	1524	1524	608.07	935.52	1263.29	1524
52.00	64.6	39.6	1524	1524	606.23	933.62	1261.37	1524
54.00	66.1	41.1	1524	1524	604.39	931.73	1259.45	1524
56.00	67.7	42.7	1524	1524	602.55	929.84	1257.53	1524
58.00	69.2	44.2	1524	1524	600.73	927.96	1255.62	1524
60.00	70.7	45.7	1524	1524	598.91	926.08	1253.71	1524
62.00	72.2	47.2	1524	1524	597.09	924.20	1251.80	1524
64.00	73.8	48.8	1524	1524	595.28	922.33	1249.90	1524
66.00	75.3	50.3	1524	1524	593.48	920.46	1247.99	1524
68.00	76.8	51.8	1524	1524	591.68	918.60	1246.10	1524
70.00	78.3	53.3	1524	1524	589.89	916.74	1244.20	1524
72.00	79.9	54.9	1524	1524	588.11	914.88	1242.31	1524
74.00	81.4	56.4	1524	1524	586.33	913.03	1240.42	1524
76.00	82.9	57.9	1524	1524	584.55	911.18	1238.53	1524
78.00	84.4	59.4	1524	1524	582.79	909.34	1236.65	1794
80.00	86.2	61.2	1531	1531	577.91	902.81	1228.51	1909
82.00	88.1	63.1	1540	1542	571.82	894.43	1217.90	1909
84.00	90.0	65.0	1549	1551	566.02	886.50	1207.87	1909
86.00	92.0	67.0	1557	1561	560.49	878.96	1198.37	1909
88.00	93.9	68.9	1565	1569	555.21	871.78	1189.35	1909
90.00	95.8	70.8	1573	1578	550.14	864.93	1180.76	1909
92.00	97.7	72.7	1580	1586	545.29	858.38	1172.57	1909
94.00	99.6	74.6	1587	1593	540.61	852.10	1164.74	1909

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM KB M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
96.00	101.5	76.5	1594	1601	536.11	846.08	1157.24	1909
98.00	103.4	78.4	1600	1607	531.77	840.28	1150.05	1909
100.00	105.3	80.3	1606	1614	527.58	834.70	1143.15	1909
102.00	107.2	82.2	1612	1620	523.52	829.32	1136.50	1909
104.00	109.1	84.1	1618	1626	519.59	824.13	1130.10	1909
106.00	111.1	86.1	1624	1632	515.77	819.10	1123.92	1909
108.00	113.0	88.0	1629	1638	512.07	814.23	1117.95	1909
110.00	114.9	89.9	1634	1643	508.47	809.51	1112.17	1909
112.00	116.8	91.8	1639	1648	504.96	804.93	1106.58	1909
114.00	118.7	93.7	1644	1653	501.55	800.48	1101.15	1909
116.00	120.6	95.6	1648	1658	498.22	796.15	1095.89	1909
118.00	122.5	97.5	1653	1663	494.97	791.94	1090.78	1909
120.00	124.4	99.4	1657	1667	491.79	787.83	1085.80	1909
122.00	126.3	101.3	1661	1671	488.69	783.82	1080.96	1909
124.00	128.2	103.2	1665	1675	485.65	779.91	1076.24	1909
126.00	130.1	105.1	1669	1679	482.68	776.09	1071.64	1909
128.00	132.1	107.1	1673	1683	479.77	772.36	1067.15	1909
130.00	134.0	109.0	1676	1687	476.92	768.70	1062.77	1909
132.00	135.9	110.9	1680	1690	474.12	765.12	1058.49	1909
134.00	137.8	112.8	1683	1694	471.38	761.62	1054.30	1909
136.00	139.7	114.7	1687	1697	468.68	758.18	1050.20	1904
138.00	141.6	116.6	1690	1700	466.06	754.86	1046.24	1891
140.00	143.5	118.5	1693	1703	463.56	751.70	1042.51	1872
142.00	145.4	120.4	1695	1706	461.19	748.75	1039.04	

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM KB M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
144.00	147.2	122.2	1698	1708	458.90	745.90	1035.71	1865
146.00	149.1	124.1	1700	1711	456.50	742.88	1032.16	1892
148.00	151.0	126.0	1703	1714	454.03	739.76	1028.47	1912
150.00	153.0	128.0	1706	1717	451.55	736.60	1024.70	1925
152.00	154.9	129.9	1709	1720	449.08	733.46	1020.98	1928
154.00	156.8	131.8	1711	1722	446.78	730.57	1017.58	1901
156.00	158.7	133.7	1714	1724	444.55	727.77	1014.30	1894
158.00	160.6	135.6	1716	1727	442.24	724.87	1010.88	1915
160.00	162.5	137.5	1718	1729	440.13	722.24	1007.83	1880
162.00	164.4	139.4	1721	1731	437.99	719.57	1004.71	1891
164.00	166.3	141.3	1723	1734	435.68	716.63	1001.23	1938
166.00	168.2	143.2	1726	1736	433.47	713.84	997.95	1921
168.00	170.2	145.2	1728	1739	431.24	711.01	994.61	1933
170.00	172.1	147.1	1730	1741	429.11	708.34	991.48	1914
172.00	174.0	149.0	1733	1743	426.93	705.58	988.23	1934
174.00	175.9	150.9	1735	1745	424.79	702.86	985.03	1933
176.00	177.9	152.9	1737	1748	422.56	700.00	981.65	1961
178.00	179.9	154.9	1740	1751	420.29	697.09	978.18	1977
180.00	181.9	156.9	1743	1754	417.99	694.12	974.63	1994
182.00	183.9	158.9	1746	1757	415.68	691.12	971.04	2006
184.00	186.1	161.1	1751	1762	412.50	686.78	965.64	2229
186.00	188.2	163.2	1755	1766	409.89	683.32	961.42	2103
188.00	190.2	165.2	1757	1769	407.73	680.53	958.10	1996
190.00	192.2	167.2	1760	1771	405.68	677.90	955.01	1973

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM KB M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
192.00	194.3	169.3	1764	1776	403.01	674.32	950.61	2149
194.00	196.3	171.3	1766	1778	401.09	671.88	947.76	1953
196.00	198.2	173.2	1768	1780	399.15	669.42	944.87	1962
198.00	200.2	175.2	1770	1782	397.08	666.74	941.69	2008
200.00	202.3	177.3	1773	1785	394.99	664.02	938.45	2022
202.00	204.3	179.3	1775	1787	392.97	661.41	935.35	2008
204.00	206.6	181.6	1780	1792	390.06	657.40	930.36	2277
206.00	208.7	183.7	1783	1796	387.69	654.24	926.50	2134
208.00	210.8	185.8	1787	1799	385.43	651.22	922.85	2113
210.00	212.9	187.9	1789	1802	383.36	648.51	919.60	2062
212.00	214.9	189.9	1792	1805	381.26	645.74	916.27	2079
214.00	217.0	192.0	1795	1808	379.14	642.93	912.88	2095
216.00	219.2	194.2	1798	1811	376.96	640.03	909.37	2122
218.00	221.3	196.3	1801	1814	374.76	637.08	905.79	2141
220.00	223.4	198.4	1804	1817	372.65	634.27	902.37	2122
222.00	225.5	200.5	1807	1820	370.56	631.49	899.01	2121
224.00	227.7	202.7	1809	1823	368.52	628.76	895.72	2117
226.00	229.8	204.8	1812	1826	366.47	626.03	892.42	2125
228.00	231.9	206.9	1815	1829	364.48	623.37	889.21	2118
230.00	234.0	209.0	1818	1831	362.47	620.69	885.96	2130
232.00	236.2	211.2	1820	1834	360.51	618.07	882.81	2120
234.00	238.3	213.3	1823	1837	358.50	615.37	879.53	2150
236.00	240.5	215.5	1826	1840	356.50	612.60	876.27	2153
238.00	242.6	217.6	1829	1843	354.50	609.88	872.98	2166

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM KB M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
240.00	244.7	219.7	1831	1845	352.63	607.48	869.98	2122
242.00	246.9	221.9	1834	1848	350.79	605.01	867.00	2123
244.00	249.0	224.0	1836	1851	348.89	602.47	863.92	2149
246.00	251.2	226.2	1839	1853	347.00	599.91	860.81	2160
248.00	253.3	228.3	1841	1856	345.14	597.40	857.78	2154
250.00	255.5	230.5	1844	1859	343.30	594.91	854.76	2156
252.00	257.6	232.6	1846	1861	341.50	592.49	851.84	2145
254.00	259.8	234.8	1849	1863	339.75	590.14	849.00	2135
256.00	261.9	236.9	1851	1866	337.99	587.75	846.12	2148
258.00	264.1	239.1	1853	1868	336.21	585.35	843.21	2161
260.00	266.2	241.2	1856	1871	334.43	582.93	840.27	2173
262.00	268.4	243.4	1858	1873	332.62	580.46	837.25	2195
264.00	270.6	245.6	1861	1876	330.87	578.07	834.36	2177
266.00	272.8	247.8	1863	1878	329.11	575.66	831.42	2192
268.00	275.1	250.1	1866	1882	327.14	572.92	828.03	2291
270.00	277.3	252.3	1869	1884	325.48	570.67	825.31	2162
272.00	279.4	254.4	1871	1886	323.88	568.50	822.69	2144
274.00	281.6	256.6	1873	1889	322.20	566.20	819.90	2187
276.00	283.8	258.8	1875	1891	320.52	563.89	817.08	2199
278.00	286.0	261.0	1878	1894	318.81	561.53	814.19	2222
280.00	288.3	263.3	1881	1896	317.05	559.08	811.18	2256
282.00	290.5	265.5	1883	1899	315.31	556.66	808.20	2254
284.00	292.7	267.7	1886	1902	313.67	554.39	805.43	2216
286.00	295.0	270.0	1888	1904	311.99	552.05	802.56	2244

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM KB M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
288.00	297.2	272.2	1890	1907	310.35	549.78	799.78	2231
290.00	299.4	274.4	1892	1909	308.84	547.70	797.26	2177
292.00	301.6	276.6	1895	1911	307.20	545.41	794.44	2252
294.00	303.8	278.8	1897	1913	305.72	543.37	791.97	2175
296.00	306.0	281.0	1898	1915	304.29	541.41	789.60	2155
298.00	308.2	283.2	1901	1917	302.72	539.22	786.91	2240
300.00	310.5	285.5	1903	1920	301.15	537.02	784.22	2246
302.00	312.7	287.7	1905	1922	299.63	534.90	781.61	2231
304.00	314.9	289.9	1907	1924	298.15	532.84	779.10	2213
306.00	317.1	292.1	1909	1926	296.72	530.84	776.66	2200
308.00	319.3	294.3	1911	1928	295.30	528.87	774.26	2198
310.00	321.5	296.5	1913	1930	293.87	526.87	771.81	2213
312.00	323.8	298.8	1915	1932	292.36	524.74	769.19	2265
314.00	326.0	301.0	1917	1934	290.93	522.73	766.73	2228
316.00	328.2	303.2	1919	1936	289.62	520.92	764.53	2161
318.00	330.3	305.3	1920	1937	288.30	519.08	762.30	2177
320.00	332.5	307.5	1922	1939	286.99	517.25	760.08	2178
322.00	334.7	309.7	1924	1940	285.66	515.39	757.80	2198
324.00	336.9	311.9	1926	1942	284.32	513.49	755.48	2214
326.00	339.2	314.2	1928	1944	282.92	511.51	753.04	2255
328.00	341.5	316.5	1930	1947	281.51	509.49	750.54	2277
330.00	343.8	318.8	1932	1949	280.08	507.44	748.00	2294
332.00	346.1	321.1	1934	1951	278.61	505.33	745.36	2326
334.00	348.4	323.4	1937	1954	277.16	503.24	742.76	2325

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM KB M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
336.00	350.8	325.8	1939	1956	275.69	501.10	740.08	2352
338.00	353.0	328.0	1941	1958	274.39	499.25	737.80	2246
340.00	355.4	330.4	1944	1961	272.81	496.93	734.87	2436
342.00	357.9	332.9	1947	1964	271.28	494.69	732.04	2418
344.00	360.2	335.2	1949	1967	269.83	492.57	729.38	2378
346.00	362.6	337.6	1952	1970	268.35	490.41	726.65	2404
348.00	365.0	340.0	1954	1973	266.90	488.28	723.97	2399
350.00	367.5	342.5	1957	1976	265.38	486.03	721.12	2456
352.00	369.9	344.9	1960	1979	263.92	483.86	718.37	2432
354.00	372.3	347.3	1962	1981	262.62	481.97	716.02	2322
356.00	374.7	349.7	1965	1984	261.11	479.73	713.16	2483
358.00	377.2	352.2	1968	1987	259.62	477.51	710.34	2479
360.00	379.5	354.5	1969	1989	258.44	475.80	708.21	2269
362.00	381.9	356.9	1972	1991	257.11	473.83	705.74	2387
364.00	384.3	359.3	1974	1994	255.77	471.85	703.23	2404
366.00	386.4	361.4	1975	1994	254.84	470.54	701.66	2091
368.00	388.6	363.6	1976	1996	253.68	468.85	699.56	2280
370.00	391.5	366.5	1981	2001	251.80	465.94	695.75	2813
372.00	393.9	368.9	1983	2004	250.43	463.90	693.15	2465
374.00	396.4	371.4	1986	2007	249.07	461.85	690.53	2477
376.00	398.8	373.8	1988	2009	247.84	460.02	688.24	2379
378.00	401.7	376.7	1993	2014	245.96	457.09	684.37	2875
380.00	404.1	379.1	1995	2017	244.70	455.20	681.97	2431
382.00	406.7	381.7	1999	2021	243.17	452.85	678.94	2648

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM KB M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
384.00	409.1	384.1	2001	2023	241.97	451.06	676.66	2408
386.00	411.6	386.6	2003	2025	240.69	449.12	674.18	2482
388.00	414.1	389.1	2006	2028	239.39	447.14	671.63	2512
390.00	416.6	391.6	2008	2030	238.21	445.36	669.38	2418
392.00	419.0	394.0	2010	2033	236.99	443.52	667.02	2463
394.00	421.4	396.4	2012	2035	235.84	441.78	664.82	2413
396.00	423.9	398.9	2015	2038	234.62	439.92	662.43	2486
398.00	426.3	401.3	2017	2040	233.49	438.22	660.26	2414
400.00	428.5	403.5	2017	2040	232.65	436.98	658.75	2154
402.00	430.8	405.8	2019	2042	231.64	435.48	656.87	2312
404.00	433.2	408.2	2021	2044	230.51	433.76	654.66	2445
406.00	435.7	410.7	2023	2046	229.38	432.03	652.45	2451
408.00	438.2	413.2	2025	2049	228.20	430.22	650.12	2504
410.00	440.6	415.6	2027	2050	227.18	428.68	648.16	2367
412.00	443.2	418.2	2030	2053	225.92	426.72	645.62	2599
414.00	445.8	420.8	2033	2056	224.63	424.70	642.98	2641
416.00	448.5	423.5	2036	2060	223.30	422.60	640.23	2694
418.00	451.0	426.0	2038	2063	222.14	420.82	637.92	2537
420.00	453.5	428.5	2041	2065	221.07	419.16	635.79	2471
422.00	456.0	431.0	2043	2067	219.94	417.40	633.51	2540
424.00	458.4	433.4	2044	2069	219.00	415.96	631.68	2359
426.00	460.8	435.8	2046	2070	218.07	414.54	629.87	2354
428.00	463.1	438.1	2047	2072	217.12	413.09	628.02	2378
430.00	465.7	440.7	2050	2074	216.00	411.33	625.72	2574

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM KB M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
432.00	467.9	442.9	2051	2075	215.20	410.12	624.21	2235
434.00	470.4	445.4	2052	2077	214.24	408.63	622.31	2419
436.00	472.9	447.9	2055	2079	213.16	406.95	620.11	2550
438.00	475.1	450.1	2055	2080	212.42	405.83	618.72	2191
440.00	477.6	452.6	2057	2082	211.44	404.31	616.75	2462
442.00	480.2	455.2	2060	2084	210.32	402.52	614.40	2636
444.00	482.8	457.8	2062	2087	209.23	400.79	612.14	2605
446.00	485.4	460.4	2064	2089	208.19	399.16	610.00	2559
448.00	487.8	462.8	2066	2091	207.25	397.68	608.08	2467
450.00	490.3	465.3	2068	2093	206.29	396.16	606.11	2499
452.00	492.9	467.9	2070	2096	205.28	394.56	604.02	2562
454.00	495.4	470.4	2072	2098	204.29	392.99	601.96	2550
456.00	498.1	473.1	2075	2100	203.26	391.34	600.00	2614
458.00	500.7	475.7	2077	2103	202.23	389.69	599.78	2615
460.00	503.2	478.2	2079	2105	201.25	388.13	597.62	2572
462.00	505.8	480.8	2081	2107	200.29	386.60	595.57	2561
464.00	508.5	483.5	2084	2110	199.23	386.60	593.56	2688
466.00	511.1	486.1	2086	2112	198.29	384.88	591.28	2557
468.00	513.6	488.6	2088	2114	197.36	383.38	589.31	2562
470.00	516.1	491.1	2090	2116	197.36	381.89	587.34	2439
472.00	518.7	493.7	2092	2118	196.53	380.57	585.63	2640
474.00	521.3	496.3	2094	2121	195.55	378.99	583.53	2610
476.00	523.9	498.9	2096	2123	194.60	377.45	581.51	2636
478.00	526.5	501.5	2098	2125	193.64	375.90	579.44	2561
					192.75	374.46	577.55	

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM KB M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
480.00	529.2	504.2	2101	2128	191.79	372.90	575.47	2659
482.00	531.8	506.8	2103	2130	190.84	371.34	573.40	2663
484.00	534.5	509.5	2105	2132	189.92	369.84	571.41	2633
486.00	537.1	512.1	2107	2135	189.02	368.38	569.47	2613
488.00	539.7	514.7	2109	2137	188.12	366.91	567.51	2631
490.00	542.4	517.4	2112	2139	187.18	365.37	565.46	2684
492.00	545.1	520.1	2114	2142	186.26	363.87	563.45	2671
494.00	547.8	522.8	2117	2145	185.32	362.31	561.35	2725
496.00	550.5	525.5	2119	2147	184.34	360.70	559.19	2767
498.00	553.2	528.2	2121	2150	183.44	359.20	557.18	2697
500.00	556.1	531.1	2124	2153	182.43	357.52	554.90	2843
502.00	558.8	533.8	2127	2156	181.54	356.05	552.94	2691
504.00	561.6	536.6	2129	2158	180.60	354.50	550.84	2772
506.00	564.3	539.3	2132	2161	179.70	353.00	548.82	2737
508.00	567.1	542.1	2134	2164	178.76	351.42	546.68	2811
510.00	569.7	544.7	2136	2166	177.97	350.12	544.94	2599
512.00	572.5	547.5	2138	2168	177.08	348.63	542.93	2757
514.00	575.2	550.2	2141	2171	176.19	347.15	540.94	2759
516.00	578.0	553.0	2143	2174	175.31	345.67	538.92	2777
518.00	580.8	555.8	2146	2176	174.43	344.19	536.92	2779
520.00	583.5	558.5	2148	2179	173.61	342.82	535.07	2707
522.00	586.2	561.2	2150	2181	172.79	341.45	533.21	2713
524.00	588.9	563.9	2152	2183	171.96	340.05	531.32	2746
526.00	591.7	566.7	2155	2186	171.13	338.66	529.44	2744

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM KB M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
528.00	594.5	569.5	2157	2188	170.28	337.22	527.47	2805
530.00	597.3	572.3	2160	2191	169.40	335.72	525.42	2855
532.00	600.2	575.2	2162	2194	168.54	334.28	523.45	2825
534.00	603.1	578.1	2165	2197	167.62	332.70	521.29	2941
536.00	605.9	580.9	2167	2200	166.82	331.34	519.43	2777
538.00	608.8	583.8	2170	2203	165.95	329.85	517.39	2894
540.00	611.6	586.6	2173	2205	165.11	328.43	515.43	2851
542.00	614.6	589.6	2176	2209	164.20	326.85	513.26	2991
544.00	617.5	592.5	2178	2212	163.37	325.43	511.30	2873
546.00	620.4	595.4	2181	2215	162.50	323.94	509.24	2944
548.00	623.3	598.3	2184	2218	161.68	322.54	507.32	2874
550.00	626.1	601.1	2186	2220	160.90	321.20	505.48	2828
552.00	629.0	604.0	2188	2223	160.14	319.89	503.67	2819
554.00	631.8	606.8	2190	2225	159.38	318.59	501.89	2811
556.00	634.6	609.6	2193	2227	158.63	317.29	500.10	2825
558.00	637.4	612.4	2195	2230	157.89	316.01	498.35	2810
560.00	640.2	615.2	2197	2232	157.14	314.72	496.57	2835
562.00	643.1	618.1	2200	2235	156.37	313.39	494.72	2889
564.00	646.0	621.0	2202	2238	155.60	312.07	492.90	2883
566.00	648.9	623.9	2205	2240	154.83	310.73	491.04	2917
568.00	651.8	626.8	2207	2243	154.06	309.39	489.18	2923
570.00	654.7	629.7	2210	2246	153.33	308.12	487.42	2869
572.00	657.6	632.6	2212	2248	152.60	306.84	485.64	2889
574.00	660.4	635.4	2214	2250	151.94	305.70	484.07	2758

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM KB M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
576.00	663.2	638.2	2216	2252	151.27	304.53	482.46	2790
578.00	666.0	641.0	2218	2255	150.56	303.30	480.75	2870
580.00	668.9	643.9	2220	2257	149.86	302.09	479.06	2860
582.00	671.8	646.8	2223	2260	149.15	300.83	477.31	2915
584.00	674.7	649.7	2225	2262	148.47	299.64	475.65	2860
586.00	677.7	652.7	2228	2265	147.72	298.32	473.80	3002
588.00	680.6	655.6	2230	2267	147.02	297.10	472.10	2906
590.00	683.5	658.5	2232	2270	146.32	295.87	470.38	2932
592.00	686.5	661.5	2235	2273	145.59	294.57	468.55	3014
594.00	689.3	664.3	2237	2275	144.98	293.50	467.06	2780
596.00	692.1	667.1	2238	2277	144.38	292.44	465.59	2769
598.00	694.9	669.9	2240	2279	143.76	291.36	464.08	2815
600.00	697.7	672.7	2242	2281	143.15	290.29	462.58	2804
602.00	700.6	675.6	2245	2283	142.48	289.10	460.91	2944
604.00	703.2	678.2	2246	2284	141.98	288.24	459.73	2571
606.00	705.9	680.9	2247	2286	141.42	287.25	458.36	2730
608.00	708.7	683.7	2249	2288	140.84	286.21	456.91	2799
610.00	711.5	686.5	2251	2290	140.25	285.17	455.45	2815
612.00	714.3	689.3	2252	2291	139.71	284.22	454.12	2714
614.00	717.0	692.0	2254	2293	139.14	283.22	452.73	2773
616.00	719.7	694.7	2256	2294	138.62	282.30	451.44	2700
618.00	722.3	697.3	2257	2295	138.14	281.45	450.27	2592
620.00	724.9	699.9	2258	2296	137.65	280.60	449.09	2617
622.00	727.9	702.9	2260	2299	137.04	279.50	447.53	2932

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM KB M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
624.00	730.6	705.6	2261	2300	136.52	278.59	446.26	2704
626.00	733.2	708.2	2262	2301	136.06	277.78	445.14	2583
628.00	736.0	711.0	2264	2303	135.50	276.77	443.71	2851
630.00	738.4	713.4	2265	2303	135.09	276.06	442.74	2442
632.00	741.2	716.2	2266	2305	134.59	275.17	441.48	2716
634.00	744.0	719.0	2268	2307	134.06	274.21	440.14	2799
636.00	746.6	721.6	2269	2308	133.58	273.38	438.97	2652
638.00	749.4	724.4	2271	2309	133.06	272.44	437.65	2786
640.00	752.0	727.0	2272	2310	132.61	271.63	436.52	2626
642.00	754.8	729.8	2273	2312	132.11	270.73	435.25	2758
644.00	757.5	732.5	2275	2313	131.62	269.86	434.02	2726
646.00	760.3	735.3	2276	2315	131.13	268.98	432.77	2754
648.00	762.9	737.9	2278	2316	130.67	268.17	431.64	2653
650.00	765.7	740.7	2279	2317	130.19	267.30	430.41	2746
652.00	768.5	743.5	2281	2319	129.68	266.38	429.10	2824
654.00	771.1	746.1	2282	2320	129.26	265.63	428.05	2587
656.00	773.8	748.8	2283	2322	128.78	264.77	426.83	2760
658.00	776.6	751.6	2284	2323	128.32	263.93	425.64	2729
660.00	779.1	754.1	2285	2323	127.93	263.25	424.69	2507
662.00	781.8	756.8	2286	2325	127.48	262.44	423.54	2702
664.00	784.3	759.3	2287	2325	127.08	261.72	422.54	2566
666.00	786.9	761.9	2288	2326	126.70	261.01	421.58	2528
668.00	789.6	764.6	2289	2327	126.26	260.21	420.44	2708
670.00	792.2	767.2	2290	2328	125.85	259.50	419.40	2621

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM KB M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
672.00	794.6	769.6	2291	2329	125.50	258.87	418.53	2446
674.00	797.0	772.0	2291	2329	125.16	258.28	417.71	2393
676.00	799.4	774.4	2291	2329	124.83	257.68	416.87	2411
678.00	802.2	777.2	2293	2331	124.37	256.85	415.68	2781
680.00	804.8	779.8	2293	2331	123.99	256.17	414.72	2557
682.00	807.4	782.4	2294	2332	123.61	255.47	413.74	2584
684.00	810.0	785.0	2295	2333	123.22	254.77	412.75	2599
686.00	812.6	787.6	2296	2334	122.84	254.08	411.76	2598
688.00	815.3	790.3	2297	2335	122.43	253.33	410.70	2684
690.00	817.8	792.8	2298	2335	122.07	252.68	409.77	2545
692.00	820.4	795.4	2299	2336	121.69	252.00	408.82	2581
694.00	822.9	797.9	2300	2337	121.33	251.35	407.89	2551
696.00	825.6	800.6	2300	2338	120.95	250.64	406.89	2642
698.00	828.2	803.2	2301	2339	120.57	249.96	405.91	2614
700.00	830.8	805.8	2302	2339	120.19	249.27	404.93	2630
702.00	833.5	808.5	2303	2340	119.81	248.57	403.94	2642
704.00	836.1	811.1	2304	2341	119.42	247.86	402.91	2681
706.00	838.8	813.8	2305	2342	119.05	247.18	401.94	2636
708.00	841.4	816.4	2306	2343	118.69	246.52	401.01	2592
710.00	843.9	818.9	2307	2344	118.35	245.90	400.12	2547
712.00	846.6	821.6	2308	2345	117.98	245.22	399.14	2648
714.00	849.3	824.3	2309	2346	117.58	244.49	398.09	2743
716.00	852.0	827.0	2310	2347	117.21	243.79	397.08	2692
718.00	854.7	829.7	2311	2348	116.83	243.10	396.09	2683

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM KB M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
720.00	857.2	832.2	2312	2348	116.49	242.49	395.21	2561
722.00	859.9	834.9	2313	2349	116.14	241.84	394.28	2622
724.00	862.6	837.6	2314	2350	115.76	241.14	393.27	2724
726.00	865.2	840.2	2315	2351	115.41	240.47	392.31	2660
728.00	867.9	842.9	2316	2352	115.05	239.82	391.37	2656
730.00	870.5	845.5	2316	2353	114.72	239.20	390.49	2587
732.00	873.3	848.3	2318	2354	114.31	238.45	389.39	2842
734.00	876.1	851.1	2319	2355	113.94	237.76	388.39	2735
736.00	878.6	853.6	2320	2356	113.62	237.17	388.54	2558
738.00	881.4	856.4	2321	2357	113.25	236.47	386.52	2767
740.00	884.3	859.3	2322	2359	112.83	235.69	385.39	2908
742.00	886.8	861.8	2323	2359	112.52	235.12	384.57	2534
744.00	889.6	864.6	2324	2361	112.15	234.43	383.55	2786
746.00	892.4	867.4	2326	2362	111.77	233.71	382.51	2819
748.00	895.1	870.1	2326	2363	111.45	233.11	381.63	2622
750.00	897.8	872.8	2328	2364	111.08	232.43	380.65	2764
752.00	900.5	875.5	2328	2365	110.75	231.80	379.73	2681
754.00	903.2	878.2	2329	2366	110.41	231.18	378.83	2675
756.00	905.9	880.9	2331	2367	110.06	230.52	377.86	2768
758.00	908.8	883.8	2332	2368	109.69	229.82	376.83	2836
760.00	911.5	886.5	2333	2369	109.35	229.18	375.90	2720
762.00	914.2	889.2	2334	2370	109.01	228.55	374.97	2727
764.00	916.8	891.8	2335	2371	108.72	228.00	374.18	2559
766.00	919.6	894.6	2336	2372	108.37	227.35	373.23	2762

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM KB M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
768.00	922.2	897.2	2336	2373	108.06	226.76	372.37	2653
770.00	924.9	899.9	2337	2373	107.74	226.16	371.50	2678
772.00	927.5	902.5	2338	2374	107.44	225.61	370.69	2598
774.00	930.0	905.0	2338	2374	107.17	225.10	369.96	2497
776.00	932.5	907.5	2339	2375	106.90	224.58	369.21	2527
778.00	934.9	909.9	2339	2375	106.64	224.11	368.52	2440
780.00	937.3	912.3	2339	2375	106.40	223.66	367.88	2367
782.00	939.9	914.9	2340	2375	106.12	223.14	367.11	2561
784.00	942.4	917.4	2340	2376	105.85	222.64	366.39	2503
786.00	944.7	919.7	2340	2376	105.62	222.21	365.78	2337
788.00	947.2	922.2	2340	2376	105.37	221.74	365.10	2441
790.00	949.6	924.6	2341	2376	105.12	221.27	364.41	2455
792.00	952.0	927.0	2341	2376	104.88	220.82	363.77	2400
794.00	954.5	929.5	2341	2376	104.62	220.34	363.06	2495
796.00	956.8	931.8	2341	2376	104.41	219.95	362.50	2263
798.00	959.2	934.2	2341	2376	104.17	219.49	361.83	2451
800.00	961.7	936.7	2342	2377	103.91	219.00	361.11	2521
802.00	964.2	939.2	2342	2377	103.67	218.55	360.46	2421
804.00	966.6	941.6	2342	2377	103.42	218.09	359.80	2443
806.00	968.9	943.9	2342	2377	103.20	217.68	359.20	2346
808.00	971.4	946.4	2343	2377	102.97	217.23	358.55	2429
810.00	973.8	948.8	2343	2377	102.72	216.77	357.88	2471
812.00	976.2	951.2	2343	2377	102.49	216.34	357.25	2399
814.00	978.7	953.7	2343	2377	102.25	215.89	356.59	2452

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM KB M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
816.00	981.2	956.2	2344	2378	102.02	215.44	355.94	2453
818.00	983.5	958.5	2344	2378	101.79	215.02	355.33	2382
820.00	986.0	961.0	2344	2378	101.56	214.58	354.68	2443
822.00	988.5	963.5	2344	2378	101.32	214.13	354.02	2481
824.00	990.9	965.9	2344	2378	101.09	213.69	353.38	2435
826.00	993.3	968.3	2344	2378	100.87	213.28	352.79	2366
828.00	995.8	970.8	2345	2378	100.63	212.82	352.10	2514
830.00	998.2	973.2	2345	2379	100.40	212.38	351.46	2455
832.00	1000.7	975.7	2345	2379	100.16	211.93	350.80	2489
834.00	1003.1	978.1	2346	2379	99.94	211.52	350.20	2396
836.00	1005.6	980.6	2346	2379	99.70	211.06	349.53	2509
838.00	1008.2	983.2	2347	2380	99.45	210.59	348.82	2569
840.00	1010.7	985.7	2347	2380	99.22	210.15	348.17	2476
842.00	1013.2	988.2	2347	2380	98.99	209.71	347.53	2486
844.00	1015.5	990.5	2347	2380	98.79	209.32	346.96	2349
846.00	1018.0	993.0	2348	2380	98.56	208.88	346.31	2497
848.00	1020.4	995.4	2348	2381	98.34	208.48	345.71	2404
850.00	1022.8	997.8	2348	2381	98.13	208.07	345.12	2413
852.00	1025.3	1000.3	2348	2381	97.91	207.65	344.50	2454
854.00	1027.8	1002.8	2348	2381	97.68	207.22	343.85	2495
856.00	1030.3	1005.3	2349	2381	97.45	206.77	343.18	2542
858.00	1032.8	1007.8	2349	2382	97.23	206.35	342.57	2455
860.00	1035.3	1010.3	2350	2382	97.00	205.90	341.90	2543
862.00	1037.9	1012.9	2350	2383	96.75	205.43	341.19	2630

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM KB M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
864.00	1040.3	1015.3	2350	2383	96.55	205.04	340.62	2390
866.00	1042.8	1017.8	2351	2383	96.33	204.62	339.99	2484
868.00	1045.3	1020.3	2351	2383	96.10	204.18	339.34	2536
870.00	1047.7	1022.7	2351	2383	95.90	203.79	338.77	2401
872.00	1050.2	1025.2	2351	2383	95.68	203.38	338.16	2475
874.00	1052.7	1027.7	2352	2384	95.47	202.97	337.55	2469
876.00	1055.1	1030.1	2352	2384	95.27	202.60	337.00	2377
878.00	1057.6	1032.6	2352	2384	95.05	202.16	336.34	2557
880.00	1060.0	1035.0	2352	2384	94.85	201.79	335.79	2376
882.00	1062.4	1037.4	2352	2384	94.65	201.40	335.21	2436
884.00	1064.8	1039.8	2353	2384	94.45	201.02	334.65	2402
886.00	1067.3	1042.3	2353	2384	94.25	200.63	334.07	2451
888.00	1069.6	1044.6	2353	2384	94.07	200.29	333.57	2290
890.00	1072.0	1047.0	2353	2384	93.88	199.91	333.01	2414
892.00	1074.4	1049.4	2353	2384	93.69	199.54	332.47	2386
894.00	1076.8	1051.8	2353	2384	93.49	199.17	331.91	2411
896.00	1079.1	1054.1	2353	2384	93.31	198.83	331.40	2320
898.00	1081.5	1056.5	2353	2384	93.13	198.48	330.88	2351
900.00	1083.9	1058.9	2353	2384	92.94	198.11	330.33	2402
902.00	1086.2	1061.2	2353	2384	92.76	197.76	329.81	2361
904.00	1088.6	1063.6	2353	2384	92.57	197.39	329.27	2401
906.00	1091.0	1066.0	2353	2384	92.39	197.05	328.75	2347
908.00	1093.3	1068.3	2353	2384	92.21	196.69	328.23	2367
910.00	1095.7	1070.7	2353	2384	92.02	196.34	327.70	2387

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM KB M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
912.00	1098.0	1073.0	2353	2384	91.85	196.01	327.21	2310
914.00	1100.5	1075.5	2353	2384	91.66	195.64	326.65	2442
916.00	1102.7	1077.7	2353	2384	91.49	195.32	326.18	2267
918.00	1105.2	1080.2	2353	2384	91.31	194.95	325.63	2435
920.00	1107.6	1082.6	2353	2384	91.12	194.60	325.10	2395
922.00	1110.0	1085.0	2354	2384	90.94	194.25	324.57	2396
924.00	1112.3	1087.3	2353	2384	90.77	193.91	324.08	2339
926.00	1114.7	1089.7	2354	2384	90.59	193.56	323.55	2395
928.00	1117.1	1092.1	2354	2384	90.40	193.20	323.01	2437
930.00	1119.6	1094.6	2354	2384	90.22	192.84	322.46	2442
932.00	1122.1	1097.1	2354	2384	90.03	192.47	321.90	2475
934.00	1124.5	1099.5	2354	2384	89.84	192.10	321.34	2476
936.00	1127.0	1102.0	2355	2385	89.65	191.73	320.79	2469
938.00	1129.6	1104.6	2355	2385	89.45	191.34	320.19	2546
940.00	1132.1	1107.1	2355	2385	89.25	190.96	319.62	2507
942.00	1134.6	1109.6	2356	2386	89.06	190.58	319.05	2517
944.00	1137.1	1112.1	2356	2386	88.87	190.20	318.48	2516
946.00	1139.7	1114.7	2357	2386	88.67	189.81	317.88	2572
948.00	1142.2	1117.2	2357	2387	88.46	189.41	317.28	2586
950.00	1144.8	1119.8	2357	2387	88.27	189.02	316.69	2554
952.00	1147.3	1122.3	2358	2387	88.08	188.65	316.12	2522
954.00	1149.9	1124.9	2358	2388	87.89	188.27	315.55	2534
956.00	1152.4	1127.4	2359	2388	87.69	187.89	314.97	2558
958.00	1155.0	1130.0	2359	2388	87.49	187.50	314.38	2586

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM KB M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
960.00	1157.6	1132.6	2360	2389	87.29	187.11	313.78	2602
962.00	1160.2	1135.2	2360	2389	87.09	186.71	313.16	2630
964.00	1162.8	1137.8	2361	2390	86.89	186.32	312.56	2605
966.00	1165.4	1140.4	2361	2390	86.70	185.92	311.97	2610
968.00	1168.1	1143.1	2362	2391	86.50	185.54	311.37	2608
970.00	1170.7	1145.7	2362	2391	86.30	185.14	310.77	2616
972.00	1173.3	1148.3	2363	2392	86.10	184.75	310.17	2626
974.00	1176.0	1151.0	2363	2392	85.90	184.35	309.56	2661
976.00	1178.6	1153.6	2364	2393	85.70	183.96	308.96	2623
978.00	1181.2	1156.2	2364	2393	85.52	183.59	308.40	2575
980.00	1183.7	1158.7	2365	2394	85.33	183.22	307.83	2578
982.00	1186.3	1161.3	2365	2394	85.14	182.84	307.25	2601
984.00	1189.0	1164.0	2366	2395	84.95	182.46	306.67	2624
986.00	1191.6	1166.6	2366	2395	84.75	182.08	306.08	2623
988.00	1194.2	1169.2	2367	2396	84.57	181.71	305.51	2611
990.00	1196.8	1171.8	2367	2396	84.38	181.34	304.94	2593
992.00	1199.4	1174.4	2368	2396	84.20	180.97	304.38	2592
994.00	1202.0	1177.0	2368	2397	84.00	180.59	303.79	2640
996.00	1204.7	1179.7	2369	2398	83.81	180.20	303.19	2676
998.00	1207.4	1182.4	2370	2398	83.61	179.80	302.58	2712
1000.00	1210.0	1185.0	2370	2399	83.42	179.43	302.01	2628
1002.00	1212.7	1187.7	2371	2399	83.23	179.05	301.42	2666
1004.00	1215.3	1190.3	2371	2400	83.05	178.69	300.87	2592
1006.00	1217.9	1192.9	2371	2400	82.88	178.34	300.33	2571

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM KB M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
1008.00	1220.5	1195.5	2372	2401	82.69	177.97	299.75	2663
1010.00	1223.2	1198.2	2373	2401	82.50	177.58	299.15	2694
1012.00	1225.9	1200.9	2373	2402	82.30	177.19	298.55	2727
1014.00	1228.7	1203.7	2374	2403	82.10	176.79	297.93	2748
1016.00	1231.4	1206.4	2375	2403	81.91	176.42	297.35	2679
1018.00	1234.1	1209.1	2375	2404	81.73	176.04	296.77	2680
1020.00	1236.7	1211.7	2376	2404	81.54	175.68	296.20	2670
1022.00	1239.4	1214.4	2377	2405	81.36	175.30	295.62	2684
1024.00	1242.1	1217.1	2377	2405	81.17	174.94	295.05	2678
1026.00	1244.8	1219.8	2378	2406	80.99	174.56	294.47	2698
1028.00	1247.5	1222.5	2378	2407	80.80	174.18	293.88	2729
1030.00	1250.2	1225.2	2379	2407	80.61	173.82	293.31	2688
1032.00	1253.0	1228.0	2380	2408	80.41	173.41	292.69	2817
1034.00	1255.7	1230.7	2381	2409	80.23	173.04	292.11	2716
1036.00	1258.4	1233.4	2381	2409	80.05	172.68	291.55	2683
1038.00	1261.2	1236.2	2382	2410	79.85	172.28	290.92	2826
1040.00	1264.0	1239.0	2383	2411	79.66	171.89	290.32	2785
1042.00	1266.8	1241.8	2384	2412	79.46	171.50	289.71	2803
1044.00	1269.6	1244.6	2384	2412	79.28	171.13	289.13	2727
1046.00	1272.4	1247.4	2385	2413	79.08	170.73	288.51	2845
1048.00	1275.2	1250.2	2386	2414	78.90	170.35	287.91	2791
1050.00	1278.0	1253.0	2387	2415	78.71	169.98	287.32	2775
1052.00	1280.7	1255.7	2387	2416	78.53	169.60	286.75	2761
1054.00	1283.5	1258.5	2388	2416	78.34	169.23	286.17	2770

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM KB M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
1056.00	1286.2	1261.2	2389	2417	78.17	168.89	285.63	2667
1058.00	1288.9	1263.9	2389	2417	78.00	168.54	285.08	2719
1060.00	1291.6	1266.6	2390	2418	77.82	168.18	284.52	2742
1062.00	1294.3	1269.3	2390	2419	77.65	167.84	283.99	2675
1064.00	1297.1	1272.1	2391	2419	77.47	167.48	283.42	2769
1066.00	1299.8	1274.8	2392	2420	77.30	167.13	282.89	2694
1068.00	1302.5	1277.5	2392	2420	77.13	166.78	282.34	2730
1070.00	1305.2	1280.2	2393	2421	76.96	166.43	281.79	2738
1072.00	1307.9	1282.9	2394	2422	76.79	166.10	281.26	2685
1074.00	1310.6	1285.6	2394	2422	76.62	165.76	280.73	2710
1076.00	1313.4	1288.4	2395	2423	76.44	165.39	280.16	2803
1078.00	1316.0	1291.0	2395	2423	76.29	165.08	279.68	2598
1080.00	1318.5	1293.5	2395	2423	76.15	164.80	279.24	2496
1082.00	1320.9	1295.9	2395	2423	76.02	164.55	278.84	2371
1084.00	1323.5	1298.5	2396	2424	75.88	164.25	278.38	2570
1086.00	1325.9	1300.9	2396	2424	75.74	163.99	277.97	2422
1088.00	1328.4	1303.4	2396	2424	75.61	163.71	277.54	2480
1090.00	1330.8	1305.8	2396	2424	75.47	163.44	277.12	2477
1092.00	1333.3	1308.3	2396	2424	75.34	163.17	276.71	2437
1094.00	1335.8	1310.8	2396	2424	75.20	162.89	276.26	2526
1096.00	1338.1	1313.1	2396	2424	75.08	162.65	275.89	2339
1098.00	1340.6	1315.6	2396	2424	74.95	162.39	275.49	2419
1100.00	1343.0	1318.0	2396	2424	74.83	162.15	275.10	2388
1102.00	1345.7	1320.7	2397	2424	74.66	161.89	274.56	2788

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM KB M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
1104.00	1348.4	1323.4	2397	2425	74.51	161.50	274.09	2611
1106.00	1350.8	1325.8	2397	2425	74.38	161.24	273.68	2459
1108.00	1353.5	1328.5	2398	2425	74.22	160.91	273.17	2717
1110.00	1356.1	1331.1	2398	2426	74.08	160.63	272.72	2575
1112.00	1358.5	1333.5	2398	2426	73.96	160.39	272.35	2361
1114.00	1361.0	1336.0	2399	2426	73.83	160.12	271.93	2503
1116.00	1363.8	1338.8	2399	2426	73.66	159.78	271.38	2809
1118.00	1366.5	1341.5	2400	2427	73.50	159.45	270.86	2767
1120.00	1369.3	1344.3	2401	2428	73.34	159.11	270.34	2783
1122.00	1372.0	1347.0	2401	2428	73.19	158.80	269.84	2700
1124.00	1374.6	1349.6	2401	2429	73.05	158.52	269.40	2587
1126.00	1377.1	1352.1	2402	2429	72.92	158.25	268.98	2517
1128.00	1379.7	1354.7	2402	2429	72.78	157.97	268.54	2585
1130.00	1382.1	1357.1	2402	2429	72.66	157.73	268.15	2430
1132.00	1384.7	1359.7	2402	2429	72.53	157.46	267.73	2536
1134.00	1387.2	1362.2	2402	2429	72.40	157.20	267.33	2485
1136.00	1389.8	1364.8	2403	2430	72.26	156.92	266.88	2622
1138.00	1392.3	1367.3	2403	2430	72.13	156.65	266.46	2542
1140.00	1395.1	1370.1	2404	2431	71.97	156.32	265.94	2795
1142.00	1398.0	1373.0	2405	2431	71.80	155.99	265.41	2854
1144.00	1400.6	1375.6	2405	2432	71.66	155.70	264.95	2648
1146.00	1403.1	1378.1	2405	2432	71.54	155.44	264.55	2520
1148.00	1405.5	1380.5	2405	2432	71.43	155.21	264.19	2372
1150.00	1407.6	1382.6	2404	2431	71.34	155.05	263.93	2062

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM KB M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
1152.00	1410.1	1385.1	2405	2431	71.22	154.79	263.52	2536
1154.00	1413.0	1388.0	2405	2432	71.05	154.46	263.00	2846
1156.00	1415.9	1390.9	2406	2433	70.89	154.11	262.45	2911
1158.00	1418.3	1393.3	2406	2433	70.78	153.89	262.09	2398
1160.00	1421.4	1396.4	2408	2434	70.58	153.49	261.45	3134
1162.00	1424.3	1399.3	2408	2435	70.42	153.16	260.93	2865
1164.00	1426.8	1401.8	2409	2435	70.30	152.90	260.52	2569
1166.00	1429.4	1404.4	2409	2436	70.17	152.63	260.10	2592
1168.00	1432.1	1407.1	2409	2436	70.03	152.36	259.66	2653
1170.00	1434.7	1409.7	2410	2436	69.90	152.09	259.24	2607
1172.00	1437.3	1412.3	2410	2437	69.77	151.82	258.81	2633
1174.00	1439.9	1414.9	2410	2437	69.64	151.55	258.38	2618
1176.00	1442.5	1417.5	2411	2437	69.52	151.30	257.98	2560
1178.00	1445.1	1420.1	2411	2438	69.38	151.03	257.55	2638
1180.00	1447.7	1422.7	2411	2438	69.26	150.77	257.15	2588
1182.00	1450.4	1425.4	2412	2438	69.12	150.49	256.70	2689
1184.00	1453.3	1428.3	2413	2439	68.96	150.17	256.18	2910
1186.00	1456.3	1431.3	2414	2440	68.80	149.83	255.64	2966
1188.00	1459.6	1434.6	2415	2442	68.60	149.41	254.96	3282
1190.00	1462.7	1437.7	2416	2443	68.42	149.04	254.37	3115
1192.00	1465.7	1440.7	2417	2444	68.25	148.69	253.80	3038
1194.00	1468.9	1443.9	2419	2446	68.07	148.30	253.18	3184
1196.00	1472.1	1447.1	2420	2447	67.89	147.93	252.59	3137
1198.00	1475.3	1450.3	2421	2449	67.70	147.54	251.95	3225

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM KB M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
1200.00	1478.5	1453.5	2423	2450	67.51	147.14	251.31	3262
1202.00	1481.7	1456.7	2424	2452	67.33	146.77	250.71	3163
1204.00	1484.7	1459.7	2425	2453	67.17	146.44	250.18	3002
1206.00	1487.5	1462.5	2425	2453	67.03	146.16	249.73	2769
1208.00	1490.2	1465.2	2426	2453	66.91	145.90	249.31	2679
1210.00	1492.9	1467.9	2426	2454	66.77	145.62	248.86	2783
1212.00	1495.8	1470.8	2427	2455	66.63	145.33	248.40	2823
1214.00	1498.7	1473.7	2428	2456	66.49	145.03	247.91	2905
1216.00	1501.5	1476.5	2428	2456	66.35	144.74	247.45	2845
1218.00	1504.4	1479.4	2429	2457	66.21	144.45	246.98	2841
1220.00	1507.2	1482.2	2430	2458	66.06	144.15	246.50	2890
1222.00	1510.3	1485.3	2431	2459	65.90	143.82	245.96	3066
1224.00	1513.2	1488.2	2432	2460	65.76	143.53	245.50	2865
1226.00	1516.0	1491.0	2432	2460	65.62	143.24	245.03	2870
1228.00	1519.0	1494.0	2433	2461	65.48	142.94	244.55	2921
1230.00	1521.8	1496.8	2434	2462	65.34	142.65	244.09	2862
1232.00	1524.8	1499.8	2435	2463	65.20	142.35	243.60	2944
1234.00	1527.7	1502.7	2436	2464	65.05	142.04	243.11	2969
1236.00	1530.7	1505.7	2436	2464	64.90	141.73	242.61	2994
1238.00	1533.7	1508.7	2437	2465	64.75	141.43	242.11	2983
1240.00	1536.7	1511.7	2438	2466	64.61	141.13	241.63	2952
1242.00	1539.6	1514.6	2439	2467	64.47	140.84	241.16	2915
1244.00	1542.6	1517.6	2440	2468	64.32	140.53	240.66	3023
1246.00	1545.4	1520.4	2440	2469	64.20	140.27	240.24	2791

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM KB M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
1248.00	1547.5	1522.5	2440	2468	64.12	140.12	240.00	2133
1250.00	1549.8	1524.8	2440	2468	64.04	139.95	239.74	2245
1252.00	1552.0	1527.0	2439	2467	63.96	139.78	239.48	2268
1254.00	1554.2	1529.2	2439	2467	63.89	139.63	239.23	2185
1256.00	1556.4	1531.4	2439	2467	63.81	139.48	238.99	2151
1258.00	1559.3	1534.3	2439	2467	63.67	139.19	238.52	2959
1260.00	1562.4	1537.4	2440	2468	63.52	138.88	238.02	3062
1262.00	1565.2	1540.2	2441	2469	63.40	138.62	237.61	2771
1264.00	1567.8	1542.8	2441	2469	63.29	138.40	237.24	2645
1266.00	1570.5	1545.5	2442	2470	63.18	138.16	236.86	2683
1268.00	1573.2	1548.2	2442	2470	63.07	137.93	236.49	2683
1270.00	1575.9	1550.9	2442	2470	62.95	137.68	236.09	2743
1272.00	1578.7	1553.7	2443	2471	62.83	137.43	235.68	2795
1274.00	1581.4	1556.4	2443	2471	62.71	137.19	235.30	2714
1276.00	1584.1	1559.1	2444	2472	62.60	136.96	234.92	2703
1278.00	1586.8	1561.8	2444	2472	62.49	136.73	234.56	2668
1280.00	1589.3	1564.3	2444	2472	62.40	136.54	234.24	2493
1282.00	1592.0	1567.0	2445	2472	62.29	136.30	233.87	2695
1284.00	1594.5	1569.5	2445	2473	62.19	136.11	233.55	2512
1286.00	1597.7	1572.7	2446	2474	62.03	135.77	233.01	3232
1288.00	1600.7	1575.7	2447	2475	61.90	135.49	232.55	2961
1290.00	1603.6	1578.6	2447	2475	61.77	135.23	232.12	2908
1292.00	1606.6	1581.6	2448	2476	61.64	134.95	231.68	2958
1294.00	1609.6	1584.6	2449	2477	61.51	134.67	231.22	3005

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM KB M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
1296.00	1612.5	1587.5	2450	2478	61.38	134.40	230.78	2946
1298.00	1615.5	1590.5	2451	2479	61.24	134.12	230.32	2999
1300.00	1618.4	1593.4	2451	2479	61.12	133.87	229.91	2862
1302.00	1620.4	1595.4	2451	2479	61.06	133.74	229.71	2071
1304.00	1622.6	1597.6	2450	2478	60.99	133.60	229.49	2155
1306.00	1624.9	1599.9	2450	2478	60.92	133.44	229.23	2310
1308.00	1627.8	1602.8	2451	2479	60.79	133.18	228.81	2939
1310.00	1630.5	1605.5	2451	2479	60.69	132.97	228.46	2654
1312.00	1633.5	1608.5	2452	2480	60.56	132.70	228.02	2985
1314.00	1636.8	1611.8	2453	2482	60.40	132.37	227.48	3285
1316.00	1639.9	1614.9	2454	2483	60.27	132.08	227.01	3087
1318.00	1643.1	1618.1	2455	2484	60.12	131.77	226.50	3212
1320.00	1646.2	1621.2	2456	2485	59.98	131.47	226.02	3140
1322.00	1649.3	1624.3	2457	2486	59.84	131.19	225.55	3106
1324.00	1651.6	1626.6	2457	2486	59.77	131.04	225.32	2234
1326.00	1653.9	1628.9	2457	2485	59.70	130.89	225.07	2313
1328.00	1656.0	1631.0	2456	2485	59.64	130.76	224.87	2127
1330.00	1659.3	1634.3	2458	2486	59.49	130.44	224.34	3289
1332.00	1662.3	1637.3	2458	2487	59.36	130.18	223.92	2970
1334.00	1665.3	1640.3	2459	2488	59.24	129.91	223.48	3031
1336.00	1668.2	1643.2	2460	2489	59.12	129.66	223.07	2946
1338.00	1671.2	1646.2	2461	2489	59.00	129.41	222.66	2935
1340.00	1674.1	1649.1	2461	2490	58.88	129.16	222.25	2972
1342.00	1676.8	1651.8	2462	2490	58.78	128.96	221.93	2626

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM KB M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
1344.00	1679.4	1654.4	2462	2491	58.68	128.76	221.60	2687
1346.00	1682.4	1657.4	2463	2492	58.56	128.50	221.18	2974
1348.00	1686.0	1661.0	2464	2493	58.39	128.14	220.58	3558
1350.00	1689.1	1664.1	2465	2495	58.26	127.86	220.13	3142
1352.00	1692.2	1667.2	2466	2496	58.13	127.59	219.67	3122
1354.00	1695.3	1670.3	2467	2496	58.01	127.33	219.26	3010
1356.00	1698.3	1673.3	2468	2497	57.88	127.07	218.82	3076
1358.00	1701.3	1676.3	2469	2498	57.77	126.83	218.43	2949
1360.00	1704.3	1679.3	2470	2499	57.65	126.57	218.02	3013
1362.00	1707.3	1682.3	2470	2500	57.53	126.32	217.59	3054
1364.00	1710.4	1685.4	2471	2501	57.40	126.05	217.16	3100
1366.00	1713.7	1688.7	2472	2502	57.27	125.77	216.69	3219
1368.00	1716.8	1691.8	2473	2503	57.14	125.49	216.24	3167
1370.00	1720.0	1695.0	2474	2504	57.01	125.22	215.79	3166
1372.00	1723.1	1698.1	2475	2505	56.88	124.95	215.35	3140
1374.00	1726.2	1701.2	2476	2506	56.77	124.70	214.94	3053
1376.00	1729.3	1704.3	2477	2507	56.64	124.43	214.50	3160
1378.00	1732.5	1707.5	2478	2508	56.51	124.17	214.06	3149
1380.00	1735.6	1710.6	2479	2509	56.39	123.90	213.63	3142
1382.00	1739.0	1714.0	2480	2511	56.25	123.61	213.15	3316
1384.00	1741.9	1716.9	2481	2511	56.15	123.39	212.78	2912
1386.00	1744.8	1719.8	2482	2512	56.04	123.17	212.42	2897
1388.00	1748.1	1723.1	2483	2513	55.90	122.87	211.93	3350
1390.00	1750.6	1725.6	2483	2513	55.83	122.72	211.67	2481

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM KB M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
1392.00	1753.8	1728.8	2484	2514	55.70	122.45	211.24	3194
1394.00	1757.2	1732.2	2485	2516	55.56	122.16	210.75	3362
1396.00	1760.3	1735.3	2486	2517	55.44	121.90	210.33	3145
1398.00	1763.5	1738.5	2487	2518	55.32	121.64	209.90	3175
1400.00	1766.5	1741.5	2488	2519	55.21	121.41	209.52	3024
1402.00	1769.5	1744.5	2489	2519	55.10	121.18	209.14	3015
1404.00	1772.6	1747.6	2489	2520	54.99	120.94	208.75	3044
1406.00	1775.3	1750.3	2490	2521	54.90	120.75	208.44	2729
1408.00	1778.3	1753.3	2491	2521	54.79	120.52	208.06	3046
1410.00	1781.4	1756.4	2491	2522	54.68	120.29	207.68	3024
1412.00	1784.3	1759.3	2492	2523	54.58	120.08	207.33	2928
1414.00	1787.3	1762.3	2493	2524	54.48	119.85	206.96	3007
1416.00	1790.6	1765.6	2494	2525	54.34	119.57	206.49	3349
1418.00	1794.3	1769.3	2495	2527	54.19	119.24	205.95	3634
1420.00	1797.2	1772.2	2496	2528	54.09	119.03	205.59	2978
1422.00	1800.5	1775.5	2497	2529	53.96	118.76	205.14	3301
1424.00	1804.0	1779.0	2499	2530	53.82	118.47	204.66	3457
1426.00	1807.2	1782.2	2500	2531	53.71	118.22	204.26	3158
1428.00	1810.4	1785.4	2501	2532	53.59	117.97	203.83	3258
1430.00	1813.7	1788.7	2502	2534	53.47	117.71	203.41	3232
1432.00	1816.8	1791.8	2503	2535	53.36	117.48	203.02	3140
1434.00	1819.8	1794.8	2503	2535	53.26	117.25	202.66	3052
1436.00	1823.2	1798.2	2504	2537	53.13	116.98	202.20	3377
1438.00	1826.6	1801.6	2506	2538	53.00	116.71	201.76	3369

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM KB M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
1440.00	1829.8	1804.8	2507	2539	52.89	116.47	201.36	3195
1442.00	1833.1	1808.1	2508	2540	52.77	116.21	200.92	3325
1444.00	1836.4	1811.4	2509	2541	52.65	115.96	200.51	3261
1446.00	1839.5	1814.5	2510	2542	52.54	115.74	200.14	3120
1448.00	1842.5	1817.5	2510	2543	52.44	115.52	199.78	3052
1450.00	1845.1	1820.1	2510	2543	52.37	115.37	199.53	2559
1452.00	1848.0	1823.0	2511	2544	52.28	115.18	199.21	2908
1454.00	1850.4	1825.4	2511	2544	52.22	115.04	198.99	2426
1456.00	1853.6	1828.6	2512	2545	52.10	114.81	198.60	3207
1458.00	1856.7	1831.7	2513	2545	52.00	114.59	198.24	3098
1460.00	1859.5	1834.5	2513	2546	51.92	114.42	197.97	2709
1462.00	1862.7	1837.7	2514	2547	51.81	114.19	197.58	3202
1464.00	1865.6	1840.6	2515	2547	51.72	113.99	197.25	2993
1466.00	1868.5	1843.5	2515	2548	51.63	113.80	196.94	2884
1468.00	1871.3	1846.3	2515	2548	51.55	113.63	196.65	2793
1470.00	1874.8	1849.8	2517	2550	51.43	113.36	196.20	3451
1472.00	1878.9	1853.9	2519	2552	51.25	112.98	195.57	4094
1474.00	1882.1	1857.1	2520	2553	51.14	112.76	195.20	3198
1476.00	1885.2	1860.2	2521	2554	51.04	112.54	194.83	3159
1478.00	1887.7	1862.7	2521	2554	50.98	112.40	194.61	2480
1480.00	1890.3	1865.3	2521	2554	50.91	112.25	194.37	2627
1482.00	1893.5	1868.5	2522	2555	50.80	112.03	194.00	3191
1484.00	1896.7	1871.7	2523	2556	50.70	111.81	193.63	3197
1486.00	1899.6	1874.6	2523	2557	50.62	111.63	193.34	2858

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM KB M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
1488.00	1902.5	1877.5	2524	2557	50.53	111.45	193.03	2918
1490.00	1905.8	1880.8	2525	2558	50.42	111.22	192.64	3287
1492.00	1908.8	1883.8	2525	2559	50.33	111.02	192.32	3024
1494.00	1912.3	1887.3	2526	2560	50.21	110.76	191.88	3476
1496.00	1915.6	1890.6	2528	2562	50.10	110.53	191.50	3309
1498.00	1919.0	1894.0	2529	2563	49.98	110.28	191.08	3433
1500.00	1922.0	1897.0	2529	2563	49.90	110.09	190.77	2950
1502.00	1925.1	1900.1	2530	2564	49.80	109.89	190.43	3133
1504.00	1928.2	1903.2	2531	2565	49.71	109.69	190.10	3084
1506.00	1931.3	1906.3	2532	2566	49.61	109.49	189.77	3093
1508.00	1934.5	1909.5	2532	2567	49.51	109.28	189.41	3191
1510.00	1937.7	1912.7	2533	2568	49.41	109.06	189.06	3213
1512.00	1940.7	1915.7	2534	2568	49.33	108.87	188.74	3018
1514.00	1943.9	1918.9	2535	2569	49.23	108.66	188.39	3204
1516.00	1947.4	1922.4	2536	2571	49.11	108.42	187.98	3435
1518.00	1950.7	1925.7	2537	2572	49.01	108.20	187.61	3316
1520.00	1953.8	1928.8	2538	2573	48.92	108.00	187.28	3125
1522.00	1956.2	1931.2	2538	2572	48.86	107.88	187.08	2452
1524.00	1959.4	1934.4	2539	2573	48.77	107.68	186.75	3138
1526.00	1962.5	1937.5	2539	2574	48.68	107.49	186.43	3079
1528.00	1965.7	1940.7	2540	2575	48.58	107.28	186.08	3253
1530.00	1969.0	1944.0	2541	2576	48.48	107.06	185.71	3300
1532.00	1972.2	1947.2	2542	2577	48.38	106.85	185.37	3189
1534.00	1975.1	1950.1	2542	2577	48.31	106.69	185.10	2867

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM KB M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
1536.00	1978.4	1953.4	2544	2579	48.20	106.47	184.73	3352
1538.00	1981.6	1956.6	2544	2579	48.11	106.27	184.39	3216
1540.00	1984.9	1959.9	2545	2580	48.01	106.06	184.04	3262
1542.00	1988.1	1963.1	2546	2581	47.92	105.86	183.71	3172
1544.00	1991.3	1966.3	2547	2582	47.82	105.65	183.37	3250
1546.00	1994.7	1969.7	2548	2583	47.72	105.43	183.00	3370
1548.00	1998.0	1973.0	2549	2585	47.62	105.22	182.64	3328
1550.00	2001.2	1976.2	2550	2585	47.53	105.02	182.31	3182
1552.00	2004.4	1979.4	2551	2586	47.44	104.83	182.00	3155
1554.00	2007.6	1982.6	2552	2587	47.35	104.63	181.66	3245
1556.00	2010.8	1985.8	2552	2588	47.26	104.44	181.34	3157
1558.00	2014.1	1989.1	2553	2589	47.16	104.23	180.98	3384
1560.00	2017.4	1992.4	2554	2590	47.06	104.02	180.63	3304
1562.00	2020.1	1995.1	2555	2590	47.00	103.88	180.40	2703
1564.00	2023.6	1998.6	2556	2592	46.90	103.66	180.03	3419
1566.00	2027.1	2002.1	2557	2593	46.79	103.43	179.65	3496
1568.00	2030.4	2005.4	2558	2594	46.69	103.22	179.30	3355
1570.00	2033.7	2008.7	2559	2595	46.60	103.02	178.96	3285
1572.00	2037.0	2012.0	2560	2596	46.51	102.83	178.63	3253
1574.00	2039.9	2014.9	2560	2596	46.44	102.67	178.37	2915
1576.00	2043.2	2018.2	2561	2598	46.34	102.47	178.03	3340
1578.00	2046.5	2021.5	2562	2598	46.25	102.27	177.71	3250
1580.00	2049.3	2024.3	2562	2599	46.18	102.13	177.46	2864
1582.00	2052.6	2027.6	2563	2600	46.09	101.94	177.14	3238

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM KB M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
1584.00	2056.0	2031.0	2564	2601	45.99	101.72	176.78	3449
1586.00	2059.4	2034.4	2565	2602	45.90	101.51	176.43	3391
1588.00	2062.7	2037.7	2566	2603	45.81	101.32	176.11	3266
1590.00	2066.1	2041.1	2567	2604	45.71	101.11	175.76	3416
1592.00	2069.4	2044.4	2568	2605	45.62	100.91	175.43	3328
1594.00	2072.8	2047.8	2569	2606	45.53	100.71	175.09	3373
1596.00	2076.1	2051.1	2570	2607	45.44	100.52	174.77	3282
1598.00	2079.3	2054.3	2571	2608	45.35	100.34	174.45	3245
1600.00	2082.9	2057.9	2572	2610	45.25	100.12	174.08	3556
1602.00	2086.2	2061.2	2573	2611	45.16	99.92	173.75	3331
1604.00	2089.7	2064.7	2574	2612	45.06	99.71	173.40	3464
1606.00	2092.9	2067.9	2575	2613	44.98	99.53	173.10	3218
1608.00	2096.2	2071.2	2576	2614	44.89	99.34	172.78	3344
1610.00	2099.6	2074.6	2577	2615	44.79	99.14	172.44	3420
1612.00	2102.9	2077.9	2578	2616	44.71	98.95	172.13	3289
1614.00	2106.4	2081.4	2579	2617	44.61	98.74	171.77	3500
1616.00	2110.0	2085.0	2580	2619	44.51	98.53	171.41	3549
1618.00	2113.2	2088.2	2581	2619	44.43	98.35	171.11	3245
1620.00	2116.5	2091.5	2582	2620	44.35	98.17	170.81	3264
1622.00	2119.7	2094.7	2583	2621	44.27	98.00	170.51	3239
1624.00	2123.1	2098.1	2584	2622	44.18	97.81	170.19	3366
1626.00	2126.5	2101.5	2585	2623	44.09	97.62	169.87	3370
1628.00	2129.9	2104.9	2586	2624	44.00	97.43	169.54	3447
1630.00	2133.2	2108.2	2587	2625	43.92	97.24	169.25	3246

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM KB M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
1632.00	2136.4	2111.4	2588	2626	43.84	97.07	168.95	3268
1634.00	2139.9	2114.9	2589	2627	43.75	96.87	168.62	3445
1636.00	2143.2	2118.2	2590	2628	43.66	96.69	168.31	3364
1638.00	2146.7	2121.7	2591	2630	43.57	96.49	167.97	3489
1640.00	2150.2	2125.2	2592	2631	43.48	96.29	167.64	3493
1642.00	2153.6	2128.6	2593	2632	43.39	96.10	167.32	3415
1644.00	2156.9	2131.9	2594	2633	43.31	95.93	167.03	3286
1646.00	2160.5	2135.5	2595	2634	43.22	95.73	166.69	3535
1648.00	2163.9	2138.9	2596	2635	43.13	95.54	166.37	3423
1650.00	2167.1	2142.1	2597	2636	43.05	95.37	166.09	3260
1652.00	2170.6	2145.6	2598	2637	42.96	95.18	165.76	3469
1654.00	2174.0	2149.0	2599	2638	42.88	94.99	165.45	3417
1656.00	2177.6	2152.6	2600	2640	42.78	94.79	165.11	3576
1658.00	2181.2	2156.2	2601	2641	42.69	94.59	164.76	3614
1660.00	2184.6	2159.6	2602	2642	42.61	94.41	164.47	3355
1662.00	2188.0	2163.0	2603	2643	42.52	94.22	164.15	3472
1664.00	2191.6	2166.6	2604	2644	42.43	94.03	163.82	3541
1666.00	2195.0	2170.0	2605	2645	42.35	93.85	163.53	3370
1668.00	2198.5	2173.5	2606	2647	42.26	93.66	163.19	3573
1670.00	2202.1	2177.1	2607	2648	42.17	93.46	162.86	3578
1672.00	2205.6	2180.6	2608	2649	42.08	93.28	162.55	3462
1674.00	2209.1	2184.1	2609	2650	42.00	93.09	162.24	3482
1676.00	2212.6	2187.6	2611	2652	41.91	92.90	161.91	3582
1678.00	2216.1	2191.1	2612	2653	41.83	92.72	161.61	3438

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM KB M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
1680.00	2219.6	2194.6	2613	2654	41.74	92.54	161.30	3479
1682.00	2223.1	2198.1	2614	2655	41.66	92.35	160.99	3521
1684.00	2226.5	2201.5	2615	2656	41.57	92.17	160.68	3469
1686.00	2230.1	2205.1	2616	2657	41.49	91.98	160.36	3599
1688.00	2233.6	2208.6	2617	2659	41.40	91.80	160.05	3480
1690.00	2237.1	2212.1	2618	2660	41.32	91.63	159.76	3443
1692.00	2240.6	2215.6	2619	2661	41.24	91.44	159.45	3533
1694.00	2244.0	2219.0	2620	2662	41.16	91.28	159.16	3401
1696.00	2247.0	2222.0	2620	2662	41.10	91.14	158.94	3013
1698.00	2250.1	2225.1	2621	2663	41.03	91.00	158.70	3122
1700.00	2253.6	2228.6	2622	2664	40.95	90.83	158.40	3486
1702.00	2257.2	2232.2	2623	2665	40.87	90.65	158.10	3539
1704.00	2260.8	2235.8	2624	2667	40.78	90.45	157.77	3670
1706.00	2264.5	2239.5	2625	2668	40.69	90.26	157.44	3669
1708.00	2268.3	2243.3	2627	2670	40.60	90.05	157.09	3805
1710.00	2271.5	2246.5	2628	2670	40.53	89.90	156.84	3232
1712.00	2275.2	2250.2	2629	2672	40.44	89.72	156.52	3639
1714.00	2278.5	2253.5	2630	2672	40.37	89.56	156.26	3315
1716.00	2282.0	2257.0	2631	2674	40.29	89.39	155.97	3483
1718.00	2285.7	2260.7	2632	2675	40.20	89.20	155.65	3691
1720.00	2289.3	2264.3	2633	2676	40.12	89.02	155.34	3611
1722.00	2291.8	2266.8	2633	2676	40.08	88.93	155.19	2511
1724.00	2295.2	2270.2	2634	2677	40.01	88.77	154.92	3396
1726.00	2299.1	2274.1	2635	2679	39.91	88.56	154.56	3938

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM KB M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
1728.00	2302.1	2277.1	2636	2679	39.85	88.44	154.35	2991
1730.00	2305.2	2280.2	2636	2680	39.79	88.31	154.14	3070
1732.00	2308.5	2283.5	2637	2680	39.72	88.16	153.88	3323
1734.00	2311.9	2286.9	2638	2681	39.65	88.00	153.61	3440
1736.00	2315.6	2290.6	2639	2683	39.56	87.81	153.29	3698
1738.00	2319.3	2294.3	2640	2684	39.48	87.63	152.99	3654
1740.00	2323.2	2298.2	2642	2686	39.39	87.43	152.64	3867
1742.00	2327.6	2302.6	2644	2689	39.26	87.16	152.18	4490
1744.00	2331.2	2306.2	2645	2690	39.19	86.99	151.89	3581
1746.00	2334.5	2309.5	2645	2691	39.12	86.85	151.65	3260
1748.00	2338.0	2313.0	2646	2692	39.05	86.69	151.37	3524
1750.00	2341.6	2316.6	2648	2693	38.97	86.51	151.08	3608
1752.00	2345.1	2320.1	2649	2694	38.89	86.36	150.81	3471
1754.00	2348.4	2323.4	2649	2695	38.83	86.21	150.57	3306
1756.00	2352.3	2327.3	2651	2696	38.74	86.01	150.23	3921
1758.00	2355.9	2330.9	2652	2697	38.66	85.85	149.95	3545
1760.00	2359.6	2334.6	2653	2699	38.58	85.67	149.65	3734
1762.00	2363.5	2338.5	2654	2700	38.49	85.48	149.32	3852
1764.00	2367.1	2342.1	2655	2702	38.41	85.31	149.03	3684
1766.00	2370.8	2345.8	2657	2703	38.33	85.13	148.73	3711
1768.00	2374.4	2349.4	2658	2704	38.26	84.97	148.46	3506
1770.00	2377.7	2352.7	2658	2705	38.19	84.83	148.21	3390
1772.00	2381.1	2356.1	2659	2706	38.13	84.68	147.97	3403
1774.00	2384.8	2359.8	2660	2707	38.05	84.51	147.68	3665

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM KB M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
1776.00	2388.4	2363.4	2661	2708	37.97	84.35	147.40	3592
1778.00	2391.9	2366.9	2662	2709	37.90	84.20	147.15	3486
1780.00	2395.5	2370.5	2664	2711	37.83	84.04	146.86	3651
1782.00	2399.1	2374.1	2665	2712	37.76	83.88	146.60	3556
1784.00	2402.4	2377.4	2665	2713	37.69	83.74	146.36	3341
1786.00	2406.1	2381.1	2666	2714	37.62	83.58	146.09	3644
1788.00	2409.7	2384.7	2667	2715	37.55	83.42	145.82	3581
1790.00	2413.5	2388.5	2669	2716	37.47	83.24	145.52	3809
1792.00	2417.7	2392.7	2670	2718	37.37	83.03	145.15	4220
1794.00	2422.0	2397.0	2672	2721	37.26	82.80	144.76	4291
1796.00	2424.9	2399.9	2673	2721	37.22	82.70	144.59	2928
1798.00	2427.4	2402.4	2672	2721	37.18	82.63	144.47	2464
1800.00	2430.6	2405.6	2673	2721	37.13	82.51	144.26	3210
1802.00	2434.1	2409.1	2674	2722	37.06	82.36	144.01	3530
1804.00	2437.6	2412.6	2675	2723	36.99	82.22	143.77	3459
1806.00	2440.7	2415.7	2675	2724	36.94	82.10	143.57	3129
1808.00	2443.9	2418.9	2676	2724	36.89	81.98	143.37	3189
1810.00	2447.4	2422.4	2677	2725	36.82	81.84	143.12	3465
1812.00	2450.6	2425.6	2677	2726	36.76	81.72	142.91	3243
1814.00	2453.3	2428.3	2677	2726	36.73	81.63	142.77	2710
1816.00	2456.6	2431.6	2678	2727	36.67	81.50	142.55	3302
1818.00	2459.6	2434.6	2678	2727	36.62	81.40	142.38	2976
1820.00	2462.4	2437.4	2679	2727	36.58	81.31	142.22	2856
1822.00	2465.4	2440.4	2679	2727	36.53	81.21	142.05	2930

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM KB M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
1824.00	2469.1	2444.1	2680	2729	36.46	81.05	141.77	3747
1826.00	2472.7	2447.7	2681	2730	36.39	80.90	141.53	3540
1828.00	2476.5	2451.5	2682	2731	36.31	80.74	141.24	3816
1830.00	2480.0	2455.0	2683	2732	36.25	80.60	141.00	3491
1832.00	2483.6	2458.6	2684	2733	36.18	80.44	140.74	3678
1834.00	2487.2	2462.2	2685	2734	36.12	80.30	140.50	3511
1836.00	2489.8	2464.8	2685	2734	36.08	80.22	140.37	2670
1838.00	2492.1	2467.1	2685	2734	36.05	80.17	140.27	2258
1840.00	2494.8	2469.8	2685	2733	36.02	80.08	140.13	2696
1842.00	2498.3	2473.3	2686	2735	35.95	79.94	139.89	3570
1844.00	2501.9	2476.9	2686	2736	35.88	79.80	139.64	3591
1846.00	2505.7	2480.7	2688	2737	35.81	79.64	139.38	3732
1848.00	2508.8	2483.8	2688	2737	35.76	79.53	139.19	3102
1850.00	2511.3	2486.3	2688	2737	35.73	79.46	139.08	2537
1852.00	2514.3	2489.3	2688	2737	35.69	79.37	138.91	2947
1854.00	2518.0	2493.0	2689	2739	35.62	79.21	138.65	3758
1856.00	2521.8	2496.8	2690	2740	35.54	79.06	138.38	3748
1858.00	2525.4	2500.4	2691	2741	35.48	78.91	138.13	3631
1860.00	2529.0	2504.0	2692	2742	35.41	78.77	137.89	3579
1862.00	2532.6	2507.6	2693	2743	35.35	78.63	137.65	3614
1864.00	2536.1	2511.1	2694	2744	35.29	78.50	137.42	3539
1866.00	2540.0	2515.0	2696	2746	35.21	78.33	137.15	3846
1868.00	2544.1	2519.1	2697	2747	35.13	78.15	136.84	4094
1870.00	2547.1	2522.1	2697	2748	35.09	78.06	136.67	3029

PE900846

This is an enclosure indicator page.
The enclosure PE900846 is enclosed within the
container PE900841 at this location in this
document.

The enclosure PE900846 has the following characteristics:

- ITEM_BARCODE = PE900846
- CONTAINER_BARCODE = PE900841
- NAME = Vertical Seismic Profile - Waveshaping
Deconvolution
- BASIN = GIPPSLAND
- PERMIT = VIC/L3
- TYPE = WELL
- SUBTYPE = ELOCITY_CHART
- DESCRIPTION = Vertical Seismic Profile - Waveshaping
Deconvolution - Plot 4- Zero offset
VSP-(enclosure from attachment to WCR)
for Turrum-6
- REMARKS =
- DATE_CREATED = 20/10/95
- DATE_RECEIVED = 18/03/96
- W_NO = W1146
- WELL_NAME = Turrum-6
- CONTRACTOR = Schlumberger
- CLIENT_OP_CO = Esso Australia Ltd

(Inserted by DNRE - Vic Govt Mines Dept)

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM KB M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
1920.00	2623.2	2598.2	2706	2757	33.97	75.62	132.51	3246
1922.00	2626.7	2601.7	2707	2757	33.91	75.50	132.30	3511
1924.00	2629.9	2604.9	2708	2758	33.87	75.40	132.13	3166
1926.00	2633.2	2608.2	2708	2759	33.82	75.29	131.94	3297
1928.00	2636.2	2611.2	2709	2759	33.78	75.20	131.79	2984
1930.00	2640.3	2615.3	2710	2761	33.70	75.03	131.50	4150
1932.00	2644.6	2619.6	2712	2763	33.62	74.85	131.19	4242
1934.00	2648.6	2623.6	2713	2764	33.54	74.69	130.91	4047
1936.00	2652.5	2627.5	2714	2766	33.48	74.54	130.65	3909
1938.00	2656.3	2631.3	2715	2767	33.41	74.40	130.42	3781
1940.00	2658.7	2633.7	2715	2766	33.39	74.34	130.32	2376
1942.00	2661.1	2636.1	2715	2766	33.36	74.29	130.23	2457
1944.00	2663.4	2638.4	2714	2766	33.34	74.24	130.14	2249
1946.00	2666.1	2641.1	2714	2766	33.31	74.17	130.02	2710
1948.00	2670.2	2645.2	2716	2767	33.23	74.01	129.75	4068
1950.00	2673.9	2648.9	2717	2769	33.17	73.87	129.51	3773
1952.00	2677.6	2652.6	2718	2770	33.11	73.74	129.29	3643
1954.00	2681.4	2656.4	2719	2771	33.05	73.60	129.05	3844
1956.00	2685.3	2660.3	2720	2772	32.98	73.46	128.80	3886
1958.00	2689.6	2664.6	2722	2774	32.90	73.28	128.50	4326
1960.00	2692.4	2667.4	2722	2774	32.87	73.21	128.37	2779
1962.00	2694.7	2669.7	2721	2774	32.85	73.16	128.29	2258
1964.00	2697.8	2672.8	2722	2774	32.81	73.07	128.14	3128
1966.00	2701.6	2676.6	2723	2775	32.74	72.94	127.91	3780

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM KB M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
1968.00	2705.4	2680.4	2724	2777	32.68	72.80	127.68	3793
1970.00	2709.2	2684.2	2725	2778	32.62	72.67	127.44	3808
1972.00	2712.7	2687.7	2726	2779	32.57	72.55	127.25	3523
1974.00	2716.8	2691.8	2727	2780	32.50	72.39	126.97	4130
1976.00	2720.9	2695.9	2729	2782	32.43	72.24	126.72	4039
1978.00	2724.8	2699.8	2730	2783	32.36	72.10	126.47	3961
1980.00	2728.7	2703.7	2731	2785	32.30	71.96	126.24	3834
1982.00	2732.6	2707.6	2732	2786	32.24	71.82	126.00	3908
1984.00	2736.9	2711.9	2734	2788	32.16	71.65	125.70	4328
1986.00	2741.3	2716.3	2735	2790	32.08	71.48	125.41	4376
1988.00	2745.3	2720.3	2737	2792	32.02	71.33	125.15	4038
1990.00	2748.5	2723.5	2737	2792	31.97	71.24	125.00	3191
1992.00	2752.3	2727.3	2738	2793	31.92	71.12	124.78	3785
1994.00	2756.3	2731.3	2740	2795	31.85	70.97	124.53	4025
1996.00	2760.4	2735.4	2741	2796	31.78	70.83	124.28	4072
1998.00	2764.2	2739.2	2742	2797	31.73	70.70	124.06	3800
2000.00	2767.4	2742.4	2742	2798	31.68	70.61	123.90	3218
2002.00	2771.4	2746.4	2744	2799	31.62	70.47	123.66	3989
2004.00	2775.3	2750.3	2745	2801	31.56	70.34	123.43	3890
2006.00	2778.2	2753.2	2745	2801	31.53	70.26	123.30	2952
2008.00	2781.9	2756.9	2746	2802	31.47	70.15	123.11	3624
2010.00	2785.3	2760.3	2747	2803	31.43	70.04	122.93	3490
2012.00	2788.8	2763.8	2747	2803	31.38	69.94	122.75	3444
2014.00	2792.6	2767.6	2748	2804	31.32	69.82	122.54	3758

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM KB M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
2016.00	2796.4	2771.4	2749	2806	31.27	69.69	122.33	3832
2018.00	2800.4	2775.4	2751	2807	31.20	69.55	122.09	3997
2020.00	2804.3	2779.3	2752	2808	31.14	69.42	121.86	3943
2022.00	2807.9	2782.9	2753	2809	31.10	69.32	121.68	3548
2024.00	2811.5	2786.5	2753	2810	31.05	69.20	121.49	3629
2026.00	2815.2	2790.2	2754	2811	30.99	69.09	121.29	3678
2028.00	2818.9	2793.9	2755	2812	30.94	68.97	121.09	3758
2030.00	2822.3	2797.3	2756	2813	30.90	68.87	120.92	3407
2032.00	2825.9	2800.9	2757	2814	30.85	68.77	120.74	3541
2034.00	2829.9	2804.9	2758	2815	30.79	68.64	120.51	3969
2036.00	2833.6	2808.6	2759	2816	30.73	68.52	120.31	3765

PE900842

This is an enclosure indicator page.
The enclosure PE900842 is enclosed within the
container PE900841 at this location in this
document.

The enclosure PE900842 has the following characteristics:

ITEM_BARCODE = PE900842
CONTAINER_BARCODE = PE900841
NAME = Vertical Seismic Profile - Stacked Data
BASIN =

GIPPSLAND

PERMIT = VIC/L3
TYPE = WELL
SUBTYPE = ELOCITY_CHART
DESCRIPTION = Vertical Seismic Profile - Zero offset
VSP- Stacked Data - Plot 1(enclosure
from attachment to WCR) for Turrum-6
REMARKS =
DATE_CREATED = 20/10/95
DATE_RECEIVED = 18/03/96
W_NO = W1146
WELL_NAME = Turrum-6
CONTRACTOR = Schlumberger
CLIENT_OP_CO = Esso Australia Ltd

(Inserted by DNRE - Vic Govt Mines Dept)

PE900843

This is an enclosure indicator page.
The enclosure PE900843 is enclosed within the
container PE900841 at this location in this
document.

The enclosure PE900843 has the following characteristics:

ITEM_BARCODE = PE900843
CONTAINER_BARCODE = PE900841
NAME = Vertical Seismic Profile - Amplitude
Recovery
BASIN = GIPPSLAND
PERMIT = VIC/L3
TYPE = WELL
SUBTYPE = ELOCITY_CHART
DESCRIPTION = Vertical Seismic Profile - Amplitude
Recovery- Plot 2-Zero offset VSP
(enclosure from attachment to WCR) for
Turrum-6
REMARKS =
DATE_CREATED = 20/10/95
DATE_RECEIVED = 18/03/96
W_NO = W1146
WELL_NAME = Turrum-6
CONTRACTOR = Schlumberger
CLIENT_OP_CO = Esso Australia Ltd

(Inserted by DNRE - Vic Govt Mines Dept)

PE900844

This is an enclosure indicator page.
The enclosure PE900844 is enclosed within the
container PE900841 at this location in this
document.

The enclosure PE900844 has the following characteristics:

- ITEM_BARCODE = PE900844
- CONTAINER_BARCODE = PE900841
 - NAME = Vertical Seismic Profile - Velocity
Filtering
 - BASIN = GIPPSLAND
 - PERMIT = VIC/L3
 - TYPE = WELL
 - SUBTYPE = ELOCITY_CHART
- DESCRIPTION = Vertical Seismic Profile - Velocity
Filtering - Plot 3- Zero Offset VSP
(enclosure from attachment to WCR) for
Turrum-6
- REMARKS =
- DATE_CREATED = 20/10/95
- DATE_RECEIVED = 18/03/96
 - W_NO = W1146
 - WELL_NAME = Turrum-6
 - CONTRACTOR = Schlumberger
 - CLIENT_OP_CO = Esso Australia Ltd

(Inserted by DNRE - Vic Govt Mines Dept)

PE900845

This is an enclosure indicator page.
The enclosure PE900845 is enclosed within the
container PE900841 at this location in this
document.

The enclosure PE900845 has the following characteristics:

- ITEM_BARCODE = PE900845
- CONTAINER_BARCODE = PE900841
- NAME = Vertical Seismic Profile - Waveshaping
& Corridor Stack
- BASIN = GIPPSLAND
- PERMIT = VIC/L3
- TYPE = WELL
- SUBTYPE = ELOCITY_CHART
- DESCRIPTION = Vertical Seismic Profile - Waveshaping
& Corridor Stack - Plot 5-Zero Offset-
(enclosure from attachment to WCR) for
Turrum-6
- REMARKS =
- DATE_CREATED = 20/10/95
- DATE_RECEIVED = 18/03/96
- W_NO = W1146
- WELL_NAME = Turrum-6
- CONTRACTOR = Schlumberger
- CLIENT_OP_CO = Esso Australia Ltd

(Inserted by DNRE - Vic Govt Mines Dept)

PE900846

This is an enclosure indicator page.
The enclosure PE900846 is enclosed within the
container PE900841 at this location in this
document.

The enclosure PE900846 has the following characteristics:

- ITEM_BARCODE = PE900846
- CONTAINER_BARCODE = PE900841
- NAME = Vertical Seismic Profile - Waveshaping
Deconvolution
- BASIN = GIPPSLAND
- PERMIT = VIC/L3
- TYPE = WELL
- SUBTYPE = ELOCITY_CHART
- DESCRIPTION = Vertical Seismic Profile - Waveshaping
Deconvolution - Plot 4- Zero offset
VSP-(enclosure from attachment to WCR)
for Turrum-6
- REMARKS =
- DATE_CREATED = 20/10/95
- DATE_RECEIVED = 18/03/96
- W_NO = W1146
- WELL_NAME = Turrum-6
- CONTRACTOR = Schlumberger
- CLIENT_OP_CO = Esso Australia Ltd

(Inserted by DNRE - Vic Govt Mines Dept)

PE900847

This is an enclosure indicator page.
The enclosure PE900847 is enclosed within the
container PE900841 at this location in this
document.

The enclosure PE900847 has the following characteristics:

- ITEM_BARCODE = PE900847
- CONTAINER_BARCODE = PE900841
- NAME = Vertical Seismic Profile - Waveshaping
& Corridor Stack (-90 degrees phase)
- BASIN = GIPPSLAND
- PERMIT = VIC/L3
- TYPE = WELL
- SUBTYPE = ELOCITY_CHART
- DESCRIPTION = Vertical Seismic Profile - Waveshaping
& Corridor Stack (-90 degrees
phase)-Zero Offset VSP- enclosure from
attachment to WCR- for Turrum-6
- REMARKS =
- DATE_CREATED = 20/10/95
- DATE_RECEIVED = 18/03/96
- W_NO = W1146
- WELL_NAME = Turrum-6
- CONTRACTOR = Schlumberger
- CLIENT_OP_CO = Esso Australia Ltd

(Inserted by DNRE - Vic Govt Mines Dept)

PE900848

This is an enclosure indicator page.
The enclosure PE900848 is enclosed within the
container PE900841 at this location in this
document.

The enclosure PE900848 has the following characteristics:

- ITEM_BARCODE = PE900848
- CONTAINER_BARCODE = PE900841
 - NAME = Vertical Seismic Profile - Normal
Polarity - VSP & Geogram Composite
 - BASIN = GIPPSLAND
 - PERMIT = VIC/L3
 - TYPE = WELL
 - SUBTYPE = ELOCITY_CHART
- DESCRIPTION = Vertical Seismic Profile - Normal
Polarity - VSP & Geogram Composite-
Zero Offset VSP- Normal Polarity
20cm/sec- (enclosure from attachment to
WCR) for Turrum-6
- REMARKS =
- DATE_CREATED = 20/10/95
- DATE_RECEIVED = 18/03/96
- W_NO = W1146
- WELL_NAME = Turrum-6
- CONTRACTOR = Schlumberger
- CLIENT_OP_CO = Esso Australia Ltd

(Inserted by DNRE - Vic Govt Mines Dept)

PE900849

This is an enclosure indicator page.
The enclosure PE900849 is enclosed within the
container PE900841 at this location in this
document.

The enclosure PE900849 has the following characteristics:

ITEM_BARCODE = PE900849
CONTAINER_BARCODE = PE900841
NAME = Vertical Seismic Profile - Reverse
Polarity - VSP & Geogram Composite
BASIN = GIPPSLAND
PERMIT = VIC/L3
TYPE = WELL
SUBTYPE = ELOCITY_CHART
DESCRIPTION = Vertical Seismic Profile - Reverse
Polarity - VSP & Geogram Composite-
Zero Offset VSP- Reverse Polarity
20cm/sec (enclosure from attachment to
WCR) for Turrum-6
REMARKS =
DATE_CREATED = 20/10/95
DATE_RECEIVED = 18/03/96
W_NO = W1146
WELL_NAME = Turrum-6
CONTRACTOR = Schlumberger
CLIENT_OP_CO = Esso Australia Ltd

(Inserted by DNRE - Vic Govt Mines Dept)

PE900850

This is an enclosure indicator page.
The enclosure PE900850 is enclosed within the
container PE900841 at this location in this
document.

The enclosure PE900850 has the following characteristics:

- ITEM_BARCODE = PE900850
- CONTAINER_BARCODE = PE900841
 - NAME = Drift Corrected Sonic
 - BASIN = GIPPSLAND
 - PERMIT =
 - TYPE = WELL
 - SUBTYPE = SYNTH_SEISMOGRAM
- DESCRIPTION = Drift Corrected Sonic (enclosure from
attachment to WCR) for Turrum-6
- REMARKS =
- DATE_CREATED = 20/10/95
- DATE_RECEIVED = 18/03/96
- W_NO = W1146
- WELL_NAME = Turrum-6
- CONTRACTOR = Schlumberger
- CLIENT_OP_CO = Esso Australia Ltd

(Inserted by DNRE - Vic Govt Mines Dept)

PE900851

This is an enclosure indicator page.
The enclosure PE900851 is enclosed within the
container PE900841 at this location in this
document.

The enclosure PE900851 has the following characteristics:

- ITEM_BARCODE = PE900851
- CONTAINER_BARCODE = PE900841
 - NAME = Geogram - Synthetic Seismogram
 - BASIN = GIPPSLAND
 - PERMIT =
 - TYPE = WELL
 - SUBTYPE = SYNTH_SEISMOGRAM
 - DESCRIPTION = Geogram - Synthetic Seismogram 25Hz
(enclosure from attachment to WCR) for
Turrum-6
- REMARKS =
- DATE_CREATED = 20/10/95
- DATE_RECEIVED = 18/03/96
- W_NO = W1146
- WELL_NAME = Turrum-6
- CONTRACTOR = Schlumberger
- CLIENT_OP_CO = Esso Australia Ltd

(Inserted by DNRE - Vic Govt Mines Dept)

PE900852

This is an enclosure indicator page.
The enclosure PE900852 is enclosed within the
container PE900841 at this location in this
document.

The enclosure PE900852 has the following characteristics:

ITEM_BARCODE = PE900852
CONTAINER_BARCODE = PE900841
 NAME = Geogram - Synthetic Seismogram
 BASIN = GIPPSLAND
 PERMIT =
 TYPE = WELL
 SUBTYPE = SYNTH_SEISMOGRAM
DESCRIPTION = Geogram - Synthetic Seismogram 35HZ
 (enclosure from attachment to WR) for
 Turrum-6
REMARKS =
DATE_CREATED = 20/10/95
DATE_RECEIVED = 18/03/96
 W_NO = W1146
 WELL_NAME = Turrum-6
 CONTRACTOR = Schlumberger
CLIENT_OP_CO = Esso Australia Ltd

(Inserted by DNRE - Vic Govt Mines Dept)

PE900853

This is an enclosure indicator page.
The enclosure PE900853 is enclosed within the
container PE900841 at this location in this
document.

The enclosure PE900853 has the following characteristics:

ITEM_BARCODE = PE900853
CONTAINER_BARCODE = PE900841
NAME = Geogram - Synthetic Seismogram
BASIN = GIPPSLAND
PERMIT =
TYPE = WELL
SUBTYPE = SYNTH_SEISMOGRAM
DESCRIPTION = Geogram - Synthetic Seismogram 45Hz
(enclosure from attachment to WCR) for
Turrum-6
REMARKS =
DATE_CREATED = 20/10/95
DATE_RECEIVED = 18/03/96
W_NO = W1146
WELL_NAME = Turrum-6
CONTRACTOR = Schlumberger
CLIENT_OP_CO = Esso Australia Ltd

(Inserted by DNRE - Vic Govt Mines Dept)

PE900854

This is an enclosure indicator page.
The enclosure PE900854 is enclosed within the
container PE900841 at this location in this
document.

The enclosure PE900854 has the following characteristics:

- ITEM_BARCODE = PE900854
- CONTAINER_BARCODE = PE900841
 - NAME = Seismic Calibration Log - Adjusted
Continuous Velocity Log
 - BASIN = GIPPSLAND
 - PERMIT =
 - TYPE = WELL
 - SUBTYPE = VELOCITY_CHART
 - DESCRIPTION = Seismic Calibration Log - Adjusted
Continuous Velocity Log (enclosure from
attachment to WCR) for Turrum-6
- REMARKS =
- DATE_CREATED = 20/10/95
- DATE_RECEIVED = 18/03/96
- W_NO = W1146
- WELL_NAME = Turrum-6
- CONTRACTOR = Schlumberger
- CLIENT_OP_CO = Esso Australia Ltd

(Inserted by DNRE - Vic Govt Mines Dept)