ATTACHMENT TO WCR VOL 1 AND 2 TURRUM-5 W1145

Schlumberger

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ESSO AUSTRALIA LTD

WELL SEISMIC PROCESSING REPORT

Zero Offset VSP and Geogram

TURRUM-5

FIELD : TURRUM

COUNTRY : AUSTRALIA

COORDINATES : 038 14'55.083" S
: 148 12'03.099" E

LOCATION : VICTORIA

DATE OF SURVEY : 25 &12 SEPTEMBER 1995

REFERENCE NO. : SYJ.561158/561159

INTERVAL : 2753 - 125 M

CONTENTS

1. Introduction 1

2. Data Acquisition 1

3. Sonic Calibration Processing 2

3.1 Sonic Calibration 2

3.2 Open Hole Logs 3

3.3 Correction to Datum and Velocity Modelling 3

3.4 Sonic Calibration Results 3

4. Synthetic Seismogram Processing 4

4.1 Depth to Time Conversion 4

4.2 Primary Reflection Coefficients 4

4.3 Primaries with Transmission Loss 5

4.4 Primaries plus Multiples 5

4.5 Multiples Only 5

4.7 Polarity Convention 5

4.8 Convolution 6

5. VSP Processing 6

5.1 Stacking 6

5.2 Spherical Divergence Correction and Bandpass Filter 6

5.3 Velocity Filter 7

5.4 Waveshaping Deconvolution 7

5.5 VSP Acoustic Impedance Inversion 8

A Summary of Geophysical Listings 9

A1 Geophysical Airgun Report 9

A2 Drift Computation Report 10

A3 Sonic Adjustment Parameter Report 10

A4 Velocity Report 11

A5 Time Converted Velocity Report 11

List of Tables

1 Survey Parameters 1

2 Sonic Drift 3

List of Figures

1 Wavelet Polarity Convention

1. Introduction

One vertical seismic profile was recorded with the Combinable Seismic Imager tool (CSI) at the *Turrum-5* 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	27.7 M
Elevation of GL	- 60.3 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	258 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.

$$\frac{\Delta dr \text{ if } t}{\Delta dept\, h} < 0$$

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

For a positive drift $\frac{\Delta drift}{\Delta depth} > 0$, 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 µsec/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 Δ t 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 2753.0 to 125.0 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 (125.0 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 µsec/mt	Δt_{min} µsec/mt	Equiv Block shift µsec/mt
0 - 125.1	0.00	-	0.00
125.1 - 925.0	0.63	-	0.63
925.0 - 1290.0	8.90	-	8.90
1290.0 - 1956.0	13.14	-	13.14
1956.0 - 2270.0	7.96	-	7.96
2270.0 - 2753.0	10.35	-	10.35

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 form 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 form 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:

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

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 form the above result we obtain multiples only.

4.6 Wavelet

A theoretical wavelet is chosen to use for convolution with the reflection coefficients previoulsy 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 :

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

where T is the recorded time, T_o 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 seven 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: *tim*0, the transit time picked form 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 form 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.

$$v_{rms} = \sqrt{\Sigma_1^n v_i^2 t_i / \Sigma^n{}_1 t_i}$$

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 tome 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 millisec 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.

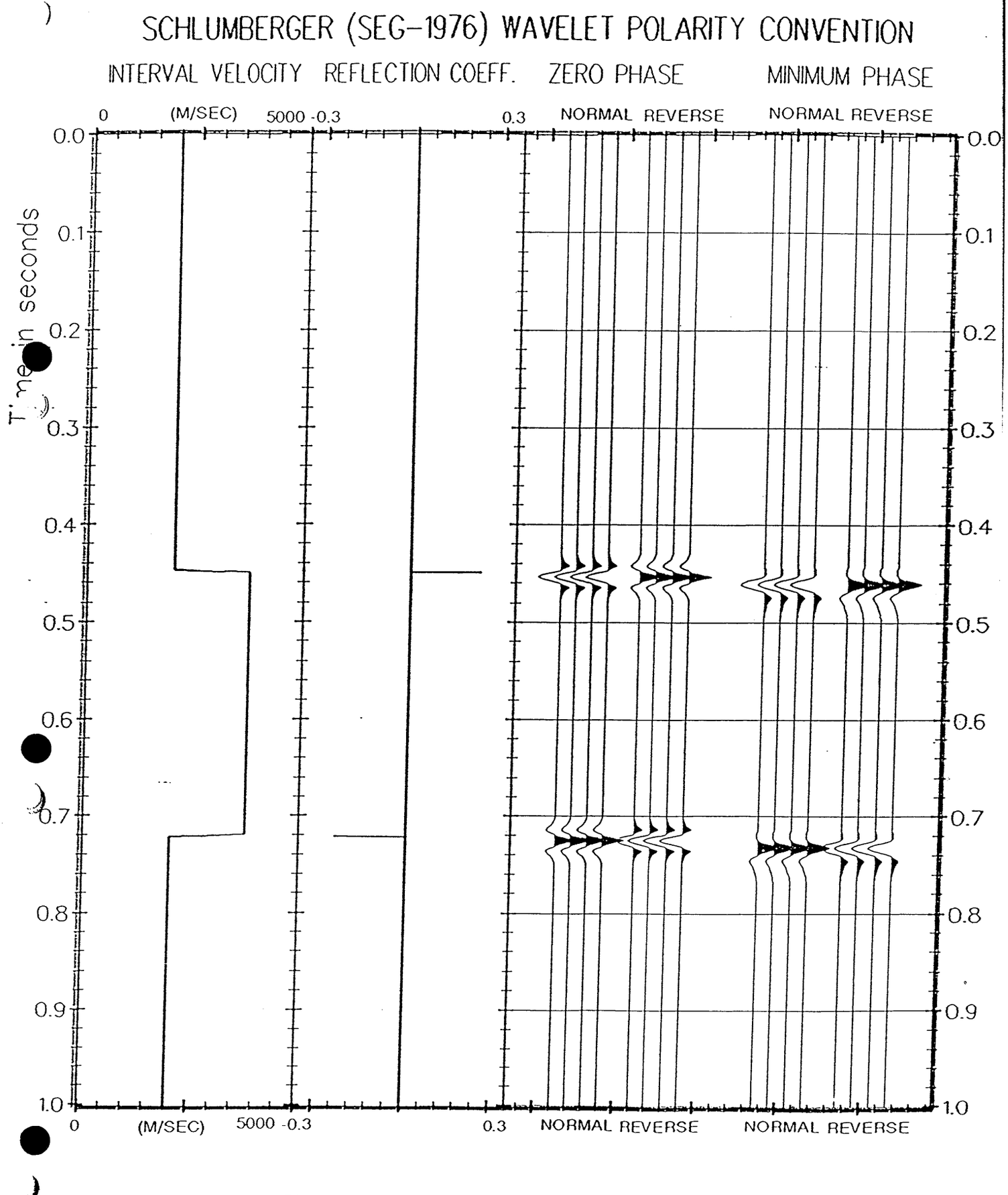

Figure 1 Wavelet Polarity Convention

VSP PLOTS

Plot 1	Stacked Data
Plot 2	Amplitude Recovery
Plot 3	Velocity Filter
Plot 4	Waveshaping Deconvolution Zero Phase
Plot 5	Waveshaping Deconvolution - Corridor Stack (-90 DEG. phase)
Plot 6	VSP and Geogram Composite - normal polarity 20 cm/sec (-90 DEG. phase)
Plot 7	VSP and Geogram Composite - reverse polarity 20 cm/sec (-90 DEG. phase)

GEOGRAM PLOTS

Drift Corrected Sonic

Seismic Calibration Log

25 hz zero phase Geogram 10 cm/sec

35 hz zero phase Geogram 10 cm/sec

45 hz zero phase Geogram 10 cm/sec

```
*****************************
*                           *
*****************************
*  S C H L U M B E R G E R  *
*****************************
```

LIS/U physical record map of SYJM31$MUB0:[]LISA.DAT;
Using command LIST/OUTPUT=(LVP.OUT)/STATIC/SUMMARY

Job Number	SYJ
Company Name	ESSO AUSTRALIA LTD
Well Name	TURRUM-5
Field Name	TURRUM
County	$COUNTY
State	$STATE
Service Order Number	$SON
Date	23-OCT-95
Run Number	

LIST Command Listing KEY

LIST SUMMARY MNEMONICS

Summary output is created by LIST/SUMMARY
summaries written for Logical LIS structures:
FILE (Abbrev: F) LIS logical file info
TAPE (Abbrev: T) LIS logical tape info
REEL (Abbrev: R) LIS logical reel info
and for the entire LIS/A input logical unit:
LU (Abbrev: L) LIS/A logical unit info
The field labels appear on some or all of these summaries, as indicated by the abbrev. on right.

Summary Field Labels:

REELS	Number of logical reels on	(L)
TAPES	Number of logical tapes on	(LR)
FILES	Number of logical files on	(LRT)
#PR	Number of physical records	(LRTF)
#LR	Number of logical records	(LRTF)
#DR	Number of data records	(F)
#ENC	Number of encrypted records	(F)
#FM	Number of data frames	(F)
PI	Primary index channel name	(F)
PI_UNITS	Primary index units mnemonic	(F)
MAXPI	Maximum primary index value	(F)
MINPI	Minimum primary index value	(F)

Reel header SYJ

```
 **  REEL HEADER  **
 SERVICE NAME   : SERVIC
 DATE           : 95/10/23
 ORIGIN         : FLIC
 REEL NAME      : SYJ
 CONTINUATION #:
 PREVIOUS REEL :
 COMMENT        : DRIFT CORRECTED SONIC RESULTS (DT.GAD CORRECTED_DT & DT.FLP RAW_D
```

Tape header SYJ

```
**  TAPE HEADER  **
SERVICE NAME   : SERVIC
DATE           : 95/10/23
ORIGIN         : FLIC
TAPE NAME      : SYJ
CONTINUATION #: 1
PREVIOUS TAPE :
COMMENT        : TURRUM-5 (2755-125 M) DEPTH CHANNELS  REFERENCED TO KB
```

(EOF)

File header DEP .001

```
**  FILE HEADER  **
FILE NAME      : DEP   .001
SERVICE NAME   : FLIC
VERSION #      : 001A10
DATE           : 95/10/23
MAX. REC. LEN.: 1024
FILE TYPE      : LO
PREVIOUS FILE :
```

Data format specification record

Listing of set 1 type 64EB object 0

ENTRY	VALUE	REPCODE	SIZE
1	0	66	1
2	0	66	1
3	24	73	4
4	255	66	1
8	0.1524	68	4
9	M	65	1
11	42	66	1
13	0	66	1
14	M	65	1
15	68	66	1
16	1	66	1
0	0	66	1

End of set

Listing of set 0 type CHAN

NAME	SERV ID	UNIT	SERVICE ORDER #	API LOG	API TYP	API CLS	API MOD	FILE NUMB	NUMB ELEM	NUMB SAMP	SIZE	REP COD	PROCESS (HEX)
DEPT		M		0				1	1	1	4	68	0000000000
DT	GAD	US/M		0				1	1	1	4	68	0000000000
DT	EDI	US/M		0				1	1	1	4	68	0000000000
GR	EDI	GAPI		0				1	1	1	4	68	0000000000
RHOB	EDI	G/C3		0				1	1	1	4	68	0000000000
CALI	EDI	IN		0				1	1	1	4	68	0000000000

End of set

Frame data record(s) encountered
File trailer DEP .001

** FILE TRAILER **
FILE NAME : DEP .001
SERVICE NAME : FLIC
VERSION # : 001A10
DATE : 95/10/23
MAX. REC. LEN.: 1024
FILE TYPE : LO
NEXT FILE :

FILE SUMMARY

#LR	#PR	#ENC	#DR	#FM	PI	PI_UNITS	MAXPI	MINPI
431	431	0	427	17901	DEPT	M	25.00122	2752.961
					DEPT	F	82.025	9032.026
					DEPT	.1IN	9843.	1083843

(EOF)
File header TIM .002

** FILE HEADER **
FILE NAME : TIM .002
SERVICE NAME : FLIC
VERSION # : 001A10
DATE : 95/10/23
MAX. REC. LEN.: 1024
FILE TYPE : LO
PREVIOUS FILE :

ta format specification record

Listing of set 3 type 64EB object 0

ENTRY	VALUE	REPCODE	SIZE
1	0	66	1
2	0	66	1
3	20	73	4
4	255	66	1
8	0.00100000	68	4
9	S	65	1
11	51	66	1
13	0	66	1
14	S	65	1
15	68	66	1
16	1	66	1
0	1	66	1

End of set

Listing of set 0 type CHAN

NAME	SERV ID	UNIT	SERVICE ORDER #	API LOG	API TYP	API CLS	API MOD	FILE NUMB	NUMB ELEM	NUMB SAMP	SIZE	REP COD	PROCESS (HEX)
TIME		S		0				2	1	1	4	68	0000000000
DTTM	GRF	US/M		0				2	1	1	4	68	0000000000
RHOT	GRF	G/C3		0				2	1	1	4	68	0000000000
GR	004	GAPI		0				2	1	1	4	68	0000000000
CALI	004	IN		0				2	1	1	4	68	0000000000

End of set

Frame data record(s) encountered
File trailer TIM .002

** FILE TRAILER **
FILE NAME : TIM .002
SERVICE NAME : FLIC
VERSION # : 001A10
DATE : 95/10/23
MAX. REC. LEN.: 1024
FILE TYPE : LO
NEXT FILE :

FILE SUMMARY

#LR	#PR	#ENC	#DR	#FM	PI	PI_UNITS	MAXPI	MINPI
41	41	0	37	1825	TIME	S	0.161	1.985004

(EOF)
Tape trailer SYJ

```
   **  TAPE TRAILER  **
   SERVICE NAME   : SERVIC
   DATE           : 95/10/23
   ORIGIN         : FLIC
   TAPE NAME      : SYJ
   CONTINUATION #: 1
   NEXT TAPE      :
   COMMENT        : TURRUM-5 (2755-125 M) DEPTH CHANNELS  REFERENCED TO KB

  TAPE SUMMARY
  ---------------------------
       FILES   #LR     #PR
  ---------------------------
       2       474     474
  ---------------------------

Reel trailer SYJ

 **  REEL TRAILER  **
 SERVICE NAME   : SERVIC
 DATE           : 95/10/23
 ORIGIN         : FLIC
 REEL NAME      : SYJ
 CONTINUATION #:
 NEXT REEL      :
 COMMENT        : DRIFT CORRECTED SONIC RESULTS (DT.GAD CORRECTED_DT & DT.FLP RAW_D

  REEL SUMMARY
  --------------------------------
       FILES TAPES   #LR     #PR
  --------------------------------
       2     1       476     476
  --------------------------------

(EOF)
(EOD)

  LU SUMMARY
  ---------------------------------------
       FILES TAPES REELS   #LR     #PR
  ---------------------------------------
       2     1     1       476     476
  ---------------------------------------

!
! End of listing SYJM31$MUB0:[]LISA.DAT;
!
```

SHOTS

SHOTS

ANALYST: S CHERKASHNEV 27-SEP-95 13:14 PROGRAM: GSHOT 007.E08

```
**********
*        *
*        *
*        *
**********
*        *
*  SCHLUMBERGER  *
*        *
**********
```

GEOPHYSICAL AIRGUN REPORT

COMPANY : ESSO
WELL : TURRUM-5
FIELD : TURRUM
STATE : VICTORIA
COUNTRY : AUSTRALIA
REFERENCE: SYJ561158/561159
LOGGED : 15-09-1995

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 BOREH AXIS IN EW DIRECTION (CF GUNELZ)
HYDNSZ - HYDROPHONE DISTANCE FROM THE BOREH AXIS IN NS DIRECTION (CF GUNELZ)
TRTHYD - TRAVEL TIME FROM THE HYDROPHONE TO THE SOURCE
TRTSRD - TRAVEL TIME FROM THE SOURCE TO THE SRD
DEVWEL - 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	-48.9	-10.4	-10.0	-48.9	-10.4

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

	MD @ KB M	VD @ KB M	VD @ SRD M	E-W COORD M	N-S COORD M
1	85.3	85.3	60.3	0	0
2	125.1	125.1	100.1	0	0
3	645.0	645.0	620.0	0	0
4	938.0	938.0	913.0	0	0
5	1075.0	1075.0	1050.0	0	0
6	1200.0	1200.0	1175.0	0	0
7	1220.0	1220.0	1195.0	0	0
8	1240.0	1240.0	1215.0	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	1340.0	1340.0	1315.0	0	0
14	1360.0	1360.0	1335.0	0	0
15	1380.0	1380.0	1355.0	0	0
16	1387.0	1387.0	1362.0	0	0
17	1400.0	1400.0	1375.0	0	0
18	1420.0	1420.0	1395.0	0	0
19	1440.0	1440.0	1415.0	0	0
20	1460.0	1460.0	1435.0	0	0
21	1480.0	1480.0	1455.0	0	0
22	1500.0	1500.0	1475.0	0	0
23	1520.0	1520.0	1495.0	0	0
24	1540.0	1540.0	1515.0	0	0
25	1560.0	1560.0	1535.0	0	0
26	1580.0	1580.0	1555.0	0	0
27	1600.0	1600.0	1575.0	0	0
28	1620.0	1620.0	1595.0	0	0
29	1640.0	1640.0	1615.0	0	0
30	1660.0	1660.0	1635.0	0	0
31	1680.0	1680.0	1655.0	0	0
32	1700.0	1700.0	1675.0	0	0
33	1720.0	1720.0	1695.0	0	0
34	1740.0	1740.0	1715.0	0	0
35	1760.0	1760.0	1735.0	0	0
36	1780.0	1780.0	1755.0	0	0
37	1800.0	1800.0	1775.0	0	0
38	1820.0	1820.0	1795.0	0	0
39	1840.0	1840.0	1815.0	0	0
40	1860.0	1860.0	1835.0	0	0

41	1880.0	1880.0	1855.0	0	0
42	1900.0	1900.0	1875.0	0	0
43	1920.0	1920.0	1895.0	0	0
44	1940.0	1940.0	1915.0	0	0
45	1960.0	1960.0	1935.0	0	0
46	1980.0	1980.0	1955.0	0	0
47	2000.0	2000.0	1975.0	0	0
48	2020.0	2020.0	1995.0	0	0
49	2040.0	2040.0	2015.0	0	0
50	2060.0	2060.0	2035.0	0	0
51	2080.0	2080.0	2055.0	0	0
52	2100.0	2100.0	2075.0	0	0
53	2120.0	2120.0	2095.0	0	0
54	2140.0	2140.0	2115.0	0	0
55	2160.0	2160.0	2135.0	0	0
56	2180.0	2180.0	2155.0	0	0
57	2200.0	2200.0	2175.0	0	0
58	2220.0	2220.0	2195.0	0	0
59	2240.0	2240.0	2215.0	0	0
60	2260.0	2260.0	2235.0	0	0
61	2280.0	2280.0	2255.0	0	0
62	2300.0	2300.0	2275.0	0	0
63	2320.0	2320.0	2295.0	0	0
64	2340.0	2340.0	2315.0	0	0
65	2360.0	2360.0	2335.0	0	0
66	2380.0	2380.0	2355.0	0	0
67	2400.0	2400.0	2375.0	0	0
68	2420.0	2420.0	2395.0	0	0
69	2440.0	2440.0	2415.0	0	0
70	2460.0	2460.0	2435.0	0	0
71	2480.0	2480.0	2455.0	0	0
72	2500.0	2500.0	2475.0	0	0
73	2520.0	2520.0	2495.0	0	0
74	2540.0	2540.0	2515.0	0	0
75	2560.0	2560.0	2535.0	0	0
76	2580.0	2580.0	2555.0	0	0
77	2600.0	2600.0	2575.0	0	0
78	2620.0	2620.0	2595.0	0	0
79	2640.0	2640.0	2615.0	0	0
80	2660.0	2660.0	2635.0	0	0
81	2680.0	2680.0	2655.0	0	0
82	2700.1	2700.1	2675.1	0	0
83	2720.0	2720.0	2695.0	0	0
84	2740.0	2740.0	2715.0	0	0
85	2753.0	2753.0	2728.0	0	0

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	85.3	60.3	45.63	36.28	39.56	1524	39.8	25.04	1589
2	125.1	100.1	66.00	61.32	64.60	1549	519.9	217.34	2392
3	645.0	620.0	276.30	278.66	281.94	2199	293.0	104.84	2795
4	938.0	913.0	380.80	383.50	386.78	2361	137.0	56.18	2439
5	1075.0	1050.0	436.90	439.68	442.96	2370	125.0	50.86	2458
6	1200.0	1175.0	487.70	490.53	493.81	2379	20.0	7.51	2664
7	1220.0	1195.0	495.20	498.04	501.32	2384	20.0	7.21	2775
8	1240.0	1215.0	502.40	505.25	508.53	2389	20.0	7.51	2664
9	1260.0	1235.0	509.90	512.76	516.04	2393	20.0	7.21	2775
10	1280.0	1255.0	517.10	519.96	523.25	2398	20.0	7.31	2737
11	1300.0	1275.0	524.40	527.27	530.55	2403	20.0	8.11	2467
12	1320.0	1295.0	532.50	535.38	538.66	2404	20.0	9.71	2061
13	1340.0	1315.0	542.20	545.08	548.36	2398	20.0	7.51	2664
14	1360.0	1335.0	549.70	552.59	555.87	2402	20.0	7.51	2664
15	1380.0	1355.0	557.20	560.10	563.38	2405	7.0	3.20	2186
16	1387.0	1362.0	560.40	563.30	566.58	2404	13.0	6.40	2030
17	1400.0	1375.0	566.80	569.70	572.98	2400	20.0	5.01	3994
18	1420.0	1395.0	571.80	574.71	577.99	2414	20.0	7.31	2738
19	1440.0	1415.0	579.10	582.01	585.30	2418	20.0	6.41	3122
20	1460.0	1435.0	585.50	588.42	591.70	2425	20.0	6.41	3122
21	1480.0	1455.0	591.90	594.83	598.11	2433	20.0	9.70	2061
22	1500.0	1475.0	601.60	604.53	607.81	2427	20.0	5.51	3632
23	1520.0	1495.0	607.10	610.04	613.32	2438	20.0	8.80	2272
24	1540.0	1515.0	615.90	618.84	622.12	2435			

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	1560.0	1535.0	621.90	624.85	628.13	2444	20.0	6.01	3330
26	1580.0	1555.0	631.70	634.65	637.93	2438	20.0	9.80	2040
27	1600.0	1575.0	637.90	640.86	644.14	2445	20.0	6.21	3223
28	1620.0	1595.0	643.90	646.86	650.14	2453	20.0	6.01	3330
29	1640.0	1615.0	651.80	654.77	658.05	2454	20.0	7.90	2530
30	1660.0	1635.0	658.80	661.77	665.05	2458	20.0	7.00	2855
31	1680.0	1655.0	665.50	668.47	671.75	2464	20.0	6.70	2983
32	1700.0	1675.0	675.00	677.98	681.26	2459	20.0	9.50	2105
33	1720.0	1695.0	681.00	683.98	687.26	2466	20.0	6.00	3331
34	1740.0	1715.0	687.00	689.99	693.27	2474	20.0	6.00	3331
35	1760.0	1735.0	695.10	698.09	701.37	2474	20.0	8.10	2468
36	1780.0	1755.0	701.00	703.99	707.27	2481	20.0	5.90	3387
37	1800.0	1775.0	707.60	710.60	713.88	2486	20.0	6.60	3029
38	1820.0	1795.0	714.10	717.10	720.38	2492	20.0	6.50	3075
39	1840.0	1815.0	720.80	723.80	727.09	2496	20.0	6.70	2983
40	1860.0	1835.0	725.90	728.91	732.19	2506	20.0	5.10	3918
41	1880.0	1855.0	733.80	736.81	740.09	2506	20.0	7.90	2531
42	1900.0	1875.0	740.30	743.32	746.60	2511	20.0	6.50	3075
43	1920.0	1895.0	745.80	748.82	752.10	2520	20.0	5.50	3634
44	1940.0	1915.0	751.50	754.52	757.80	2527	20.0	5.70	3507
45	1960.0	1935.0	757.50	760.53	763.81	2533	20.0	6.00	3331
46	1980.0	1955.0	764.20	767.23	770.51	2537	20.0	6.70	2984
47	2000.0	1975.0	770.70	773.73	777.01	2542	20.0	6.50	3076
48	2020.0	1995.0	775.50	778.54	781.82	2552	20.0	4.80	4164

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	2040.0	2015.0	781.20	784.24	787.52	2559	20.0	5.70	3507
50	2060.0	2035.0	786.80	789.84	793.12	2566	20.0	5.60	3570
51	2080.0	2055.0	793.30	796.34	799.62	2570	20.0	6.50	3076
52	2100.0	2075.0	798.50	801.55	804.83	2578	20.0	5.20	3844
53	2120.0	2095.0	803.90	806.95	810.23	2586	20.0	5.40	3702
54	2140.0	2115.0	810.50	813.55	816.83	2589	20.0	6.60	3029
55	2160.0	2135.0	815.20	818.26	821.54	2599	20.0	4.70	4253
56	2180.0	2155.0	820.50	823.56	826.84	2606	20.0	5.30	3772
57	2200.0	2175.0	826.80	829.86	833.14	2611	20.0	6.30	3173
58	2220.0	2195.0	832.80	835.86	839.14	2616	20.0	6.00	3332
59	2240.0	2215.0	838.30	841.37	844.65	2622	20.0	5.50	3635
60	2260.0	2235.0	845.50	848.57	851.85	2624	20.0	7.20	2777
61	2280.0	2255.0	850.00	853.07	856.35	2633	20.0	4.50	4442
62	2300.0	2275.0	855.50	858.57	861.85	2640	20.0	5.50	3635
63	2320.0	2295.0	861.20	864.27	867.56	2645	20.0	5.70	3507
64	2340.0	2315.0	867.40	870.48	873.76	2649	20.0	6.20	3225
65	2360.0	2335.0	873.90	876.98	880.26	2653	20.0	6.50	3076
66	2380.0	2355.0	879.80	882.88	886.16	2658	20.0	5.90	3389
67	2400.0	2375.0	885.20	888.28	891.56	2664	20.0	5.40	3702
68	2420.0	2395.0	891.80	894.88	898.17	2667	20.0	6.60	3029
69	2440.0	2415.0	896.40	899.49	902.77	2675	20.0	4.60	4346
70	2460.0	2435.0	901.70	904.79	908.07	2682	20.0	5.30	3772
71	2480.0	2455.0	907.80	910.89	914.17	2685	20.0	6.10	3278
72	2500.0	2475.0	914.30	917.39	920.67	2688	20.0	6.50	3076

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
							20.0	6.10	3278
73	2520.0	2495.0	920.40	923.49	926.78	2692	20.0	6.50	3076
74	2540.0	2515.0	926.90	930.00	933.28	2695	20.0	5.20	3845
75	2560.0	2535.0	932.10	935.20	938.48	2701	20.0	7.30	2739
76	2580.0	2555.0	939.40	942.50	945.78	2701	20.0	6.20	3225
77	2600.0	2575.0	945.60	948.70	951.98	2705	20.0	4.60	4346
78	2620.0	2595.0	950.20	953.30	956.58	2713	20.0	5.10	3920
79	2640.0	2615.0	955.30	958.40	961.69	2719	20.0	5.10	3920
80	2660.0	2635.0	960.40	963.51	966.79	2726	20.0	5.50	3635
81	2680.0	2655.0	965.90	969.01	972.29	2731	20.1	5.20	3864
82	2700.1	2675.1	971.10	974.21	977.49	2737	19.9	5.10	3901
83	2720.0	2695.0	976.20	979.31	982.59	2743	20.0	5.40	3703
84	2740.0	2715.0	981.60	984.71	987.99	2748	13.0	3.60	3610
85	2753.0	2728.0	985.20	988.31	991.60	2751			

DRIFT

DRIFT

ANALYST: S[redacted]HERKASHNEV 27-SEP-95 13:15:[redacted] PROGRAM: GDRIFT 007.E09

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*  SCHLUMBERGER  *
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DRIFT COMPUTATION REPORT

COMPANY : ESSO
WELL : TURRUM-5
FIELD : TURRUM
STATE : VICTORIA
COUNTRY : AUSTRALIA
REFERENCE: SYJ561158/561159
LOGGED : 15-09-1995

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

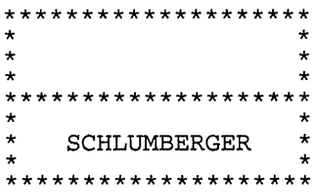
LEVEL NUMBER	MEASURED DEPTH FROM KB M	VERTICAL DEPTH FROM SRD M	VERTICAL TRAVEL TIME SRD/GEO MS	INTEGRATED RAW SONIC TIME MS	COMPUTED DRIFT AT LEVEL MS	COMPUTED BLK-SHFT CORRECTION US/M
1	85.3	60.3	39.56	39.56	0	0
2	125.1	100.1	64.60	64.60	0	0
3	645.0	620.0	281.94	281.62	.32	.62
4	938.0	913.0	386.78	386.46	.32	.01
5	1075.0	1050.0	442.96	441.54	1.42	8.00
6	1200.0	1175.0	493.81	490.48	3.33	15.28
7	1220.0	1195.0	501.32	497.83	3.49	8.05
8	1240.0	1215.0	508.53	505.18	3.35	-6.79
9	1260.0	1235.0	516.04	512.28	3.75	20.02
10	1280.0	1255.0	523.25	519.51	3.73	-1.17
11	1300.0	1275.0	530.55	526.94	3.62	-5.68
12	1320.0	1295.0	538.66	534.81	3.85	11.55
13	1340.0	1315.0	548.36	542.53	5.84	99.53
14	1360.0	1335.0	555.87	550.07	5.80	-1.85
15	1380.0	1355.0	563.38	557.73	5.64	-7.97
16	1387.0	1362.0	566.58	559.97	6.61	137.48
17	1400.0	1375.0	572.98	564.29	8.69	160.16
18	1420.0	1395.0	577.99	571.64	6.35	-117.06
19	1440.0	1415.0	585.30	578.92	6.38	1.59
20	1460.0	1435.0	591.70	584.71	7.00	30.87
21	1480.0	1455.0	598.11	591.83	6.28	-35.80
22	1500.0	1475.0	607.81	599.20	8.62	116.84
23	1520.0	1495.0	613.32	606.51	6.81	-90.51
24	1540.0	1515.0	622.12	614.01	8.11	65.31

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	1560.0	1535.0	628.13	621.54	6.59	-76.26
26	1580.0	1555.0	637.93	629.66	8.28	84.41
27	1600.0	1575.0	644.14	636.36	7.78	-24.94
28	1620.0	1595.0	650.14	642.80	7.34	-21.93
29	1640.0	1615.0	658.05	649.43	8.61	63.69
30	1660.0	1635.0	665.05	656.03	9.02	20.57
31	1680.0	1655.0	671.75	663.26	8.49	-26.48
32	1700.0	1675.0	681.26	670.17	11.09	129.77
33	1720.0	1695.0	687.26	677.46	9.81	-64.08
34	1740.0	1715.0	693.27	684.29	8.98	-41.58
35	1760.0	1735.0	701.37	690.30	11.07	104.63
36	1780.0	1755.0	707.27	696.62	10.65	-20.76
37	1800.0	1775.0	713.88	702.91	10.97	15.75
38	1820.0	1795.0	720.38	708.91	11.47	25.13
39	1840.0	1815.0	727.09	715.18	11.91	21.82
40	1860.0	1835.0	732.19	721.41	10.78	-56.29
41	1880.0	1855.0	740.09	727.60	12.49	85.45
42	1900.0	1875.0	746.60	733.70	12.90	20.39
43	1920.0	1895.0	752.10	739.56	12.54	-18.08
44	1940.0	1915.0	757.80	745.51	12.30	-11.94
45	1960.0	1935.0	763.81	751.41	12.40	5.11
46	1980.0	1955.0	770.51	757.16	13.35	47.33
47	2000.0	1975.0	777.01	762.96	14.05	35.43
48	2020.0	1995.0	781.82	768.76	13.05	-50.04

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	2040.0	2015.0	787.52	774.52	13.00	-2.70
50	2060.0	2035.0	793.12	780.16	12.96	-1.78
51	2080.0	2055.0	799.62	785.76	13.87	45.13
52	2100.0	2075.0	804.83	791.35	13.48	-19.39
53	2120.0	2095.0	810.23	796.98	13.25	-11.40
54	2140.0	2115.0	816.83	802.63	14.21	47.82
55	2160.0	2135.0	821.54	808.22	13.31	-44.67
56	2180.0	2155.0	826.84	813.74	13.10	-10.80
57	2200.0	2175.0	833.14	819.34	13.80	34.96
58	2220.0	2195.0	839.14	825.67	13.48	-15.98
59	2240.0	2215.0	844.65	831.32	13.33	-7.55
60	2260.0	2235.0	851.85	836.75	15.10	88.49
61	2280.0	2255.0	856.35	842.18	14.18	-46.06
62	2300.0	2275.0	861.85	847.69	14.16	-.84
63	2320.0	2295.0	867.56	852.94	14.61	22.64
64	2340.0	2315.0	873.76	858.76	14.99	19.14
65	2360.0	2335.0	880.26	864.34	15.92	46.52
66	2380.0	2355.0	886.16	870.27	15.89	-1.74
67	2400.0	2375.0	891.56	876.10	15.46	-21.40
68	2420.0	2395.0	898.17	881.46	16.71	62.30
69	2440.0	2415.0	902.77	886.82	15.95	-38.09
70	2460.0	2435.0	908.07	891.85	16.22	13.80
71	2480.0	2455.0	914.17	897.52	16.65	21.62
72	2500.0	2475.0	920.67	902.65	18.03	68.60

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	2520.0	2495.0	926.78	909.75	17.02	-50.20
74	2540.0	2515.0	933.28	915.08	18.20	58.85
75	2560.0	2535.0	938.48	921.11	17.37	-41.66
76	2580.0	2555.0	945.78	926.95	18.83	73.43
77	2600.0	2575.0	951.98	932.56	19.43	29.61
78	2620.0	2595.0	956.58	937.64	18.95	-23.98
79	2640.0	2615.0	961.69	942.71	18.98	1.41
80	2660.0	2635.0	966.79	947.94	18.84	-6.56
81	2680.0	2655.0	972.29	953.03	19.26	20.95
82	2700.1	2675.1	977.49	958.50	18.99	-13.78
83	2720.0	2695.0	982.59	963.63	18.96	-1.33
84	2740.0	2715.0	987.99	968.91	19.08	6.00
85	2753.0	2728.0	991.60	972.08	19.51	33.11

ANALYST: S CHERKASHNEV 29-SEP-95 13:22 PROGRAM: GADJST 008.E08



SONIC ADJUSTMENT PARAMETER REPORT

COMPANY : ESSO
WELL : TURRUM-5
FIELD : TURRUM
STATE : VICTORIA
COUNTRY : AUSTRALIA
REFERENCE: SYJ561158/561159
LOGGED : 15-09-1995

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 ADJUSTMNENT 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	: 20.00000	MS	2753.00	- 2270.00
		15.00000		2270.00	1956.00
		12.50000		1956.00	1290.00
		3.750000		1290.00	925.000
		.5000000		925.000	125.100
		0		125.100	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	: 1589.000	M/S	125.100	- 85.3000
		1524.000		85.3000	0

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
				0			0
2	125.1	100.1	0	.63			.63
3	925.0	900.0	.50	8.90			8.90
4	1290.0	1265.0	3.75	13.14			13.14
5	1956.0	1931.0	12.50	7.96			7.96
6	2270.0	2245.0	15.00	10.35			10.35
7	2753.0	2728.0	20.00				

ANALYST: S[redacted]CHERKASHNEV 29-SEP-95 13:23:[redacted] PROGRAM: GADJST 008.E08

SCHLUMBERGER

VELOCITY REPORT

COMPANY : ESSO
WELL : TURRUM-5
FIELD : TURRUM
STATE : VICTORIA
COUNTRY : AUSTRALIA
REFERENCE: SYJ561158/561159
LOGGED : 15-09-1995

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	1589.000	M/S	125.100 -	85.3000
		1524.000		85.3000	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	85.3	60.3	39.56	39.56	0	0	1524
2	125.1	100.1	64.60	64.59	0	.01	1590
3	645.0	620.0	281.94	281.91	.32	.04	2392
4	938.0	913.0	386.78	387.04	.32	-.26	2787
5	1075.0	1050.0	442.96	443.35	1.42	-.39	2433
6	1200.0	1175.0	493.81	493.40	3.33	.42	2497
7	1220.0	1195.0	501.32	500.92	3.49	.40	2658
8	1240.0	1215.0	508.53	508.44	3.35	.09	2660
9	1260.0	1235.0	516.04	515.73	3.75	.31	2745
10	1280.0	1255.0	523.25	523.14	3.73	.11	2699
11	1300.0	1275.0	530.55	530.78	3.62	-.23	2615
12	1320.0	1295.0	538.66	538.92	3.85	-.26	2458
13	1340.0	1315.0	548.36	546.89	5.84	1.47	2508
14	1360.0	1335.0	555.87	554.71	5.80	1.16	2560
15	1380.0	1355.0	563.38	562.63	5.64	.75	2525
16	1387.0	1362.0	566.58	564.96	6.61	1.62	3005
17	1400.0	1375.0	572.98	569.45	8.69	3.53	2891
18	1420.0	1395.0	577.99	577.06	6.35	.93	2629
19	1440.0	1415.0	585.30	584.60	6.38	.69	2652
20	1460.0	1435.0	591.70	590.63	7.00	1.07	3319
21	1480.0	1455.0	598.11	598.04	6.28	.07	2698
22	1500.0	1475.0	607.81	605.67	8.62	2.15	2623
23	1520.0	1495.0	613.32	613.25	6.81	.07	2637
24	1540.0	1515.0	622.12	621.02	8.11	1.10	2573

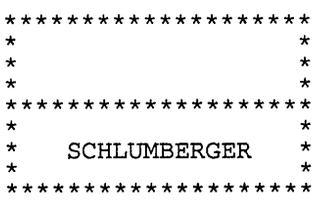
LEVEL NUMBER	MEASURED DEPTH FROM KB M	VERTICAL DEPTH FROM SRD M	VERTICAL TRAVEL TIME SRD/GEOPH MS	INTEGRATED ADJUSTED SONIC TIME MS	DRIFT = SHOT TIME - RAW SON MS	RESIDUAL = SHOT TIME - ADJ SON MS	ADJUSTED INTERVAL VELOCITY M/S
							2574
25	1560.0	1535.0	628.13	628.79	6.59	-.67	
							2387
26	1580.0	1555.0	637.93	637.17	8.28	.76	
							2871
27	1600.0	1575.0	644.14	644.14	7.78	0	
							2978
28	1620.0	1595.0	650.14	650.86	7.34	-.71	
							2906
29	1640.0	1615.0	658.05	657.74	8.61	.31	
							2913
30	1660.0	1635.0	665.05	664.60	9.02	.45	
							2664
31	1680.0	1655.0	671.75	672.11	8.49	-.35	
							2796
32	1700.0	1675.0	681.26	679.26	11.09	2.00	
							2650
33	1720.0	1695.0	687.26	686.81	9.81	.45	
							2817
34	1740.0	1715.0	693.27	693.91	8.98	-.64	
							3188
35	1760.0	1735.0	701.37	700.18	11.07	1.19	
							3038
36	1780.0	1755.0	707.27	706.76	10.65	.51	
							3054
37	1800.0	1775.0	713.88	713.31	10.97	.56	
							3183
38	1820.0	1795.0	720.38	719.60	11.47	.79	
							3066
39	1840.0	1815.0	727.09	726.12	11.91	.96	
							3087
40	1860.0	1835.0	732.19	732.60	10.78	-.41	
							3088
41	1880.0	1855.0	740.09	739.08	12.49	1.02	
							3156
42	1900.0	1875.0	746.60	745.41	12.90	1.18	
							3262
43	1920.0	1895.0	752.10	751.54	12.54	.56	
							3225
44	1940.0	1915.0	757.80	757.75	12.30	.06	
							3255
45	1960.0	1935.0	763.81	763.89	12.40	-.08	
							3380
46	1980.0	1955.0	770.51	769.81	13.35	.70	
							3359
47	2000.0	1975.0	777.01	775.76	14.05	1.25	
							3353
48	2020.0	1995.0	781.82	781.73	13.05	.09	

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
							3383
49	2040.0	2015.0	787.52	787.64	13.00	-.12	
							3447
50	2060.0	2035.0	793.12	793.44	12.96	-.32	
							3474
51	2080.0	2055.0	799.62	799.20	13.87	.43	
							3481
52	2100.0	2075.0	804.83	804.94	13.48	-.11	
							3451
53	2120.0	2095.0	810.23	810.74	13.25	-.51	
							3442
54	2140.0	2115.0	816.83	816.55	14.21	.29	
							3478
55	2160.0	2135.0	821.54	822.30	13.31	-.76	
							3526
56	2180.0	2155.0	826.84	827.97	13.10	-1.13	
							3470
57	2200.0	2175.0	833.14	833.74	13.80	-.59	
							3083
58	2220.0	2195.0	839.14	840.22	13.48	-1.08	
							3442
59	2240.0	2215.0	844.65	846.03	13.33	-1.39	
							3586
60	2260.0	2235.0	851.85	851.61	15.10	.24	
							3561
61	2280.0	2255.0	856.35	857.23	14.18	-.88	
							3493
62	2300.0	2275.0	861.85	862.95	14.16	-1.10	
							3664
63	2320.0	2295.0	867.56	868.41	14.61	-.85	
							3319
64	2340.0	2315.0	873.76	874.44	14.99	-.68	
							3468
65	2360.0	2335.0	880.26	880.20	15.92	.06	
							3247
66	2380.0	2355.0	886.16	886.36	15.89	-.20	
							3316
67	2400.0	2375.0	891.56	892.39	15.46	-.83	
							3596
68	2420.0	2395.0	898.17	897.96	16.71	.21	
							3573
69	2440.0	2415.0	902.77	903.55	15.95	-.79	
							3838
70	2460.0	2435.0	908.07	908.76	16.22	-.69	
							3396
71	2480.0	2455.0	914.17	914.65	16.65	-.48	
							3750
72	2500.0	2475.0	920.67	919.99	18.03	.69	

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
							2738
73	2520.0	2495.0	926.78	927.29	17.02	-.52	
							3621
74	2540.0	2515.0	933.28	932.82	18.20	.46	
							3195
75	2560.0	2535.0	938.48	939.08	17.37	-.60	
							3317
76	2580.0	2555.0	945.78	945.11	18.83	.67	
							3441
77	2600.0	2575.0	951.98	950.92	19.43	1.06	
							3784
78	2620.0	2595.0	956.58	956.20	18.95	.38	
							3785
79	2640.0	2615.0	961.69	961.49	18.98	.20	
							3675
80	2660.0	2635.0	966.79	966.93	18.84	-.14	
							3767
81	2680.0	2655.0	972.29	972.24	19.26	.05	
							3549
82	2700.1	2675.1	977.49	977.90	18.99	-.41	
							3730
83	2720.0	2695.0	982.59	983.24	18.96	-.64	
							3644
84	2740.0	2715.0	987.99	988.72	19.08	-.73	
							3927
85	2753.0	2728.0	991.60	992.03	19.51	-.44	

TIME / DEPTH

ANALYST: S[redacted]CHERKASHNEV 29-SEP-95 13:24[redacted] PROGRAM: GTRFRM 001.E13



TIME CONVERTED VELOCITY REPORT

COMPANY : ESSO
WELL : TURRUM-5
FIELD : TURRUM
STATE : VICTORIA
COUNTRY : AUSTRALIA
REFERENCE: SYJ561158/561159
LOGGED : 15-09-1995

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

(ZONED PARAMETERS)		(VALUE)		(LIMITS)		
LAYER OPTION FLAG VELOC	LOFVEL	: 0		30479.7	-	0
USER VELOC (WST)	LAYVEL	: 1589.000	M/S	125.100	-	85.3000
		1524.000		85.3000		0
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	

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	1557
80.00	86.0	61.0	1525	1525	580.67	906.97	1234.06	1589
82.00	87.6	62.6	1526	1526	578.23	904.10	1230.81	1589
84.00	89.2	64.2	1528	1528	575.84	901.29	1227.63	1589
86.00	90.8	65.8	1529	1529	573.48	898.53	1224.51	1589
88.00	92.4	67.4	1531	1531	571.15	895.82	1221.46	1589
90.00	93.9	68.9	1532	1532	568.86	893.16	1218.47	1589
92.00	95.5	70.5	1533	1533	566.61	890.54	1215.54	1589
94.00	97.1	72.1	1534	1535	564.38	887.96	1212.65	

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	98.7	73.7	1536	1536	562.18	885.42	1209.82	1589
98.00	100.3	75.3	1537	1537	560.01	882.91	1207.02	1589
100.00	101.9	76.9	1538	1538	557.86	880.44	1204.28	1589
102.00	103.5	78.5	1539	1539	555.74	878.00	1201.57	1589
104.00	105.1	80.1	1540	1540	553.65	875.59	1198.90	1589
106.00	106.7	81.7	1541	1541	551.57	873.21	1196.26	1589
108.00	108.2	83.2	1542	1542	549.52	870.86	1193.66	1589
110.00	109.8	84.8	1542	1543	547.49	868.53	1191.10	1589
112.00	111.4	86.4	1543	1544	545.47	866.23	1188.56	1589
114.00	113.0	88.0	1544	1544	543.48	863.95	1186.05	1589
116.00	114.6	89.6	1545	1545	541.51	861.69	1183.57	1589
118.00	116.2	91.2	1546	1546	539.55	859.46	1181.12	1589
120.00	117.8	92.8	1546	1547	537.61	857.25	1178.69	1589
122.00	119.4	94.4	1547	1547	535.69	855.05	1176.29	1589
124.00	121.0	96.0	1548	1548	533.78	852.88	1173.91	1589
126.00	122.5	97.5	1548	1549	531.89	850.72	1171.55	1589
128.00	124.1	99.1	1549	1549	530.01	848.58	1169.21	1689
130.00	125.8	100.8	1551	1552	527.49	845.46	1165.56	1798
132.00	127.6	102.6	1555	1556	524.25	841.25	1160.43	1909
134.00	129.5	104.5	1560	1561	520.30	835.94	1153.85	1899
136.00	131.4	106.4	1565	1567	516.52	830.89	1147.60	1839
138.00	133.3	108.3	1569	1571	513.24	826.59	1142.35	1884
140.00	135.2	110.2	1574	1576	509.73	821.95	1136.64	1881
142.00	137.0	112.0	1578	1581	506.32	817.44	1131.10	

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	138.9	113.9	1582	1585	503.20	813.36	1126.15	1847
146.00	140.8	115.8	1586	1589	499.91	809.01	1120.82	1886
148.00	142.6	117.6	1590	1593	496.85	805.02	1115.97	1858
150.00	144.5	119.5	1593	1597	493.75	800.95	1111.01	1876
152.00	146.3	121.3	1597	1601	490.91	797.27	1106.58	1841
154.00	148.2	123.2	1600	1605	487.98	793.45	1101.95	1865
156.00	150.1	125.1	1604	1609	484.86	789.33	1096.91	1909
158.00	152.0	127.0	1608	1613	481.71	785.17	1091.81	1924
160.00	154.0	129.0	1612	1617	478.64	781.10	1086.85	1923
162.00	155.9	130.9	1616	1621	475.71	777.25	1082.16	1907
164.00	157.8	132.8	1619	1625	472.90	773.58	1077.71	1894
166.00	159.7	134.7	1622	1628	470.12	769.96	1073.33	1896
168.00	161.6	136.6	1626	1632	467.35	766.33	1068.93	1906
170.00	163.5	138.5	1629	1636	464.52	762.61	1064.41	1926
172.00	165.4	140.4	1633	1640	461.72	758.92	1059.93	1931
174.00	167.4	142.4	1637	1644	458.57	754.70	1054.72	2011
176.00	169.4	144.4	1641	1648	455.68	750.86	1050.03	1971
178.00	171.3	146.3	1644	1652	453.12	747.53	1046.01	1910
180.00	173.2	148.2	1647	1655	450.62	744.28	1042.10	1905
182.00	175.1	150.1	1650	1658	448.09	740.97	1038.11	1922
184.00	177.1	152.1	1653	1661	445.45	737.49	1033.90	1954
186.00	179.1	154.1	1657	1665	442.83	734.04	1029.70	1960
188.00	181.0	156.0	1660	1668	440.14	730.47	1025.35	1985
190.00	183.0	158.0	1664	1672	437.43	726.86	1020.94	2001

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	185.0	160.0	1667	1676	434.75	723.29	1016.58	2004
194.00	187.1	162.1	1671	1680	432.04	719.67	1012.15	2021
196.00	189.1	164.1	1674	1684	429.42	716.18	1007.89	2011
198.00	191.1	166.1	1677	1687	426.96	712.93	1003.95	1981
200.00	193.1	168.1	1681	1690	424.50	709.68	1000.01	1989
202.00	195.2	170.2	1685	1695	421.65	705.81	995.23	2099
204.00	197.3	172.3	1689	1699	418.82	701.95	990.47	2107
206.00	199.3	174.3	1693	1703	416.14	698.34	986.02	2079
208.00	201.4	176.4	1696	1708	413.47	694.74	981.59	2088
210.00	203.5	178.5	1700	1712	410.84	691.17	977.21	2091
212.00	205.6	180.6	1704	1716	408.24	687.67	972.90	2092
214.00	207.8	182.8	1709	1721	405.19	683.43	967.60	2228
216.00	209.9	184.9	1712	1725	402.79	680.22	963.68	2060
218.00	212.1	187.1	1716	1729	399.98	676.36	958.88	2187
220.00	214.3	189.3	1721	1734	397.09	672.36	953.89	2225
222.00	216.5	191.5	1725	1739	394.34	668.56	949.17	2200
224.00	218.8	193.8	1731	1745	391.19	664.15	943.61	2325
226.00	221.1	196.1	1735	1750	388.41	660.30	938.80	2238
228.00	223.2	198.2	1738	1754	386.07	657.12	934.91	2119
230.00	225.3	200.3	1742	1757	383.78	654.03	931.12	2113
232.00	227.5	202.5	1745	1761	381.37	650.73	927.05	2162
234.00	229.6	204.6	1749	1765	378.96	647.44	922.99	2172
236.00	231.8	206.8	1753	1769	376.58	644.18	918.97	2175
238.00	234.0	209.0	1756	1773	374.21	640.91	914.93	2187

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	236.2	211.2	1760	1776	371.95	637.83	911.14	2158
242.00	238.3	213.3	1763	1780	369.74	634.82	907.44	2151
244.00	240.5	215.5	1766	1784	367.45	631.66	903.54	2193
246.00	242.7	217.7	1770	1787	365.18	628.54	899.70	2193
248.00	244.9	219.9	1773	1791	362.99	625.54	896.00	2178
250.00	247.0	222.0	1776	1794	360.86	622.62	892.42	2168
252.00	249.2	224.2	1780	1798	358.70	619.65	888.76	2188
254.00	251.4	226.4	1783	1801	356.61	616.77	885.22	2177
256.00	253.6	228.6	1786	1804	354.46	613.80	881.55	2207
258.00	255.8	230.8	1789	1808	352.40	610.97	878.07	2183
260.00	257.9	232.9	1792	1811	350.45	608.30	874.80	2152
262.00	260.1	235.1	1795	1814	348.50	605.63	871.53	2161
264.00	262.3	237.3	1797	1816	346.60	603.04	868.36	2148
266.00	264.4	239.4	1800	1819	344.76	600.52	865.29	2135
268.00	266.5	241.5	1803	1822	342.89	597.96	862.17	2154
270.00	268.7	243.7	1805	1824	341.09	595.50	859.17	2135
272.00	270.8	245.8	1807	1826	339.38	593.18	856.36	2105
274.00	272.9	247.9	1809	1829	337.68	590.87	853.55	2109
276.00	275.1	250.1	1812	1831	335.86	588.36	850.48	2169
278.00	277.2	252.2	1815	1834	334.03	585.83	847.37	2183
280.00	279.4	254.4	1817	1837	332.17	583.25	844.20	2204
282.00	281.8	256.8	1821	1841	330.10	580.33	840.55	2307
284.00	284.0	259.0	1824	1844	328.15	577.59	837.14	2267
286.00	286.3	261.3	1827	1848	326.18	574.80	833.68	2288

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	288.7	263.7	1831	1852	324.09	571.82	829.93	2354
290.00	291.0	266.0	1834	1855	322.14	569.07	826.51	2299
292.00	293.3	268.3	1838	1859	320.16	566.25	822.98	2329
294.00	295.6	270.6	1841	1862	318.20	563.46	819.49	2331
296.00	297.9	272.9	1844	1866	316.30	560.75	816.11	2317
298.00	300.3	275.3	1847	1869	314.40	558.04	812.72	2326
300.00	302.6	277.6	1851	1873	312.52	555.37	809.38	2327
302.00	305.0	280.0	1854	1876	310.56	552.55	805.83	2381
304.00	307.3	282.3	1857	1880	308.71	549.91	802.52	2337
306.00	309.6	284.6	1860	1883	306.93	547.37	799.37	2312
308.00	312.0	287.0	1863	1886	305.14	544.81	796.15	2333
310.00	314.3	289.3	1866	1889	303.40	542.32	793.06	2315
312.00	316.6	291.6	1869	1892	301.64	539.80	789.90	2336
314.00	318.9	293.9	1872	1895	299.95	537.39	786.89	2311
316.00	321.2	296.2	1875	1898	298.34	535.09	784.04	2279
318.00	323.5	298.5	1877	1901	296.76	532.85	781.25	2269
320.00	325.7	300.7	1880	1903	295.22	530.65	778.53	2261
322.00	328.0	303.0	1882	1905	293.75	528.57	775.97	2226
324.00	330.1	305.1	1884	1907	292.37	526.64	773.60	2180
326.00	332.3	307.3	1885	1909	291.01	524.73	771.26	2177
328.00	334.5	309.5	1887	1911	289.68	522.86	768.98	2167
330.00	336.7	311.7	1889	1913	288.30	520.91	766.58	2204
332.00	338.9	313.9	1891	1914	286.94	518.98	764.21	2202
334.00	341.2	316.2	1893	1917	285.43	516.81	761.50	2298

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	343.4	318.4	1895	1919	284.03	514.81	759.03	2243
338.00	345.7	320.7	1898	1921	282.56	512.68	756.37	2299
340.00	348.0	323.0	1900	1924	281.17	510.69	753.90	2253
342.00	350.2	325.2	1902	1926	279.81	508.74	751.49	2241
344.00	352.5	327.5	1904	1928	278.37	506.65	748.87	2307
346.00	354.8	329.8	1907	1930	276.93	504.56	746.26	2313
348.00	357.2	332.2	1909	1933	275.41	502.32	743.44	2378
350.00	359.5	334.5	1911	1936	274.03	500.33	740.95	2289
352.00	361.8	336.8	1914	1938	272.61	498.26	738.34	2331
354.00	364.1	339.1	1916	1940	271.29	496.34	735.95	2275
356.00	366.3	341.3	1918	1942	270.05	494.55	733.75	2223
358.00	368.6	343.6	1919	1944	268.79	492.73	731.48	2249
360.00	370.8	345.8	1921	1946	267.52	490.88	729.18	2264
362.00	373.2	348.2	1924	1948	266.05	488.71	726.43	2405
364.00	375.7	350.7	1927	1951	264.57	486.51	723.62	2429
366.00	378.1	353.1	1930	1954	263.07	484.27	720.77	2453
368.00	380.5	355.5	1932	1957	261.76	482.33	718.34	2333
370.00	382.9	357.9	1935	1960	260.25	480.07	715.44	2481
372.00	385.3	360.3	1937	1962	258.95	478.14	713.00	2348
374.00	387.7	362.7	1940	1965	257.55	476.04	710.33	2430
376.00	390.1	365.1	1942	1967	256.25	474.11	707.89	2363
378.00	392.6	367.6	1945	1971	254.77	471.88	705.03	2505
380.00	394.9	369.9	1947	1973	253.57	470.10	702.79	2312
382.00	396.9	371.9	1947	1973	252.70	468.87	701.32	2037

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	399.4	374.4	1950	1976	251.26	466.70	698.53	2504
386.00	401.5	376.5	1951	1976	250.40	465.47	697.06	2048
388.00	403.9	378.9	1953	1979	249.06	463.45	694.46	2451
390.00	406.3	381.3	1955	1981	247.86	461.66	692.21	2346
392.00	409.0	384.0	1959	1985	246.24	459.15	688.92	2686
394.00	411.6	386.6	1962	1989	244.76	456.87	685.98	2592
396.00	414.1	389.1	1965	1992	243.37	454.74	683.23	2538
398.00	416.5	391.5	1967	1995	242.14	452.89	680.85	2419
400.00	419.2	394.2	1971	1999	240.60	450.49	677.71	2682
402.00	421.8	396.8	1974	2002	239.22	448.36	674.96	2567
404.00	424.2	399.2	1976	2004	238.02	446.54	672.63	2428
406.00	426.9	401.9	1980	2008	236.50	444.16	669.52	2705
408.00	429.5	404.5	1983	2011	235.18	442.12	666.87	2558
410.00	432.2	407.2	1986	2015	233.70	439.80	663.83	2704
412.00	434.7	409.7	1989	2018	232.47	437.90	661.37	2510
414.00	437.2	412.2	1991	2020	231.28	436.07	659.01	2481
416.00	439.7	414.7	1994	2023	230.00	434.08	656.42	2572
418.00	442.2	417.2	1996	2026	228.82	432.25	654.06	2498
420.00	444.8	419.8	1999	2029	227.60	430.37	651.62	2535
422.00	447.3	422.3	2002	2032	226.36	428.43	649.09	2576
424.00	450.0	425.0	2005	2035	225.04	426.36	646.38	2655
426.00	452.6	427.6	2008	2038	223.80	424.41	643.83	2604
428.00	455.1	430.1	2010	2040	222.69	422.68	641.60	2488
430.00	457.7	432.7	2012	2043	221.49	420.80	639.14	2585

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	460.3	435.3	2015	2046	220.31	418.94	636.71	2580
434.00	462.8	437.8	2018	2049	219.15	417.13	634.34	2569
436.00	465.5	440.5	2021	2052	217.87	415.10	631.67	2694
438.00	468.1	443.1	2023	2055	216.69	413.23	629.22	2617
440.00	470.7	445.7	2026	2058	215.58	411.48	626.93	2560
442.00	473.3	448.3	2028	2060	214.45	409.69	624.59	2590
444.00	475.9	450.9	2031	2063	213.33	407.91	622.25	2595
446.00	478.6	453.6	2034	2067	212.05	405.86	619.53	2760
448.00	481.3	456.3	2037	2070	210.85	403.94	617.00	2697
450.00	484.0	459.0	2040	2073	209.71	402.13	614.61	2646
452.00	486.7	461.7	2043	2076	208.52	400.21	612.06	2724
454.00	489.4	464.4	2046	2080	207.32	398.28	609.49	2737
456.00	492.1	467.1	2049	2083	206.17	396.43	607.04	2701
458.00	494.9	469.9	2052	2086	205.01	394.56	604.57	2721
460.00	497.7	472.7	2055	2090	203.75	392.52	601.83	2842
462.00	500.5	475.5	2058	2093	202.59	390.63	599.32	2756
464.00	503.3	478.3	2061	2097	201.41	388.71	596.75	2793
466.00	506.0	481.0	2064	2100	200.29	386.89	594.33	2741
468.00	508.8	483.8	2067	2103	199.15	385.03	591.84	2777
470.00	511.5	486.5	2070	2106	198.06	383.26	589.48	2732
472.00	514.2	489.2	2073	2109	197.00	381.53	587.18	2716
474.00	517.0	492.0	2076	2113	195.85	379.65	584.65	2827
476.00	519.9	494.9	2079	2116	194.70	377.76	582.12	2843
478.00	522.6	497.6	2082	2119	193.65	376.04	579.82	2742

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	525.4	500.4	2085	2122	192.59	374.31	577.50	2764
482.00	528.2	503.2	2088	2126	191.50	372.51	575.08	2820
484.00	531.0	506.0	2091	2129	190.45	370.79	572.77	2779
486.00	533.9	508.9	2094	2133	189.32	368.91	570.23	2897
488.00	536.7	511.7	2097	2136	188.29	367.23	567.97	2780
490.00	539.4	514.4	2100	2139	187.31	365.60	565.79	2747
492.00	542.2	517.2	2102	2141	186.33	363.99	563.62	2748
494.00	545.0	520.0	2105	2144	185.33	362.34	561.39	2790
496.00	547.7	522.7	2108	2147	184.37	360.74	559.25	2758
498.00	550.5	525.5	2111	2150	183.37	359.08	557.01	2813
500.00	553.2	528.2	2113	2153	182.47	357.60	555.03	2694
502.00	555.9	530.9	2115	2155	181.60	356.17	553.10	2668
504.00	558.6	533.6	2117	2158	180.72	354.70	551.14	2700
506.00	561.5	536.5	2120	2161	179.72	353.03	548.87	2866
508.00	564.3	539.3	2123	2164	178.77	351.44	546.71	2817
510.00	567.1	542.1	2126	2167	177.83	349.86	544.57	2818
512.00	569.9	544.9	2129	2170	176.87	348.25	542.38	2859
514.00	572.8	547.8	2132	2173	175.91	346.64	540.19	2865
516.00	575.6	550.6	2134	2176	175.01	345.12	538.13	2806
518.00	578.4	553.4	2137	2179	174.11	343.62	536.10	2800
520.00	581.3	556.3	2140	2182	173.17	342.03	533.92	2887
522.00	584.1	559.1	2142	2185	172.28	340.53	531.88	2822
524.00	586.9	561.9	2145	2187	171.46	339.15	530.01	2737
526.00	589.6	564.6	2147	2189	170.63	337.74	528.10	2771

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	592.4	567.4	2149	2192	169.81	336.37	526.23	2753
530.00	595.5	570.5	2153	2196	168.74	334.53	523.68	3135
532.00	598.4	573.4	2156	2199	167.85	333.02	521.62	2886
534.00	601.3	576.3	2159	2202	166.94	331.47	519.48	2936
536.00	604.1	579.1	2161	2205	166.13	330.09	517.60	2799
538.00	606.9	581.9	2163	2207	165.37	328.80	515.84	2734
540.00	609.9	584.9	2166	2211	164.43	327.18	513.61	3021
542.00	612.8	587.8	2169	2214	163.55	325.67	511.53	2947
544.00	615.7	590.7	2172	2217	162.72	324.25	509.58	2878
546.00	618.7	593.7	2175	2220	161.83	322.72	507.45	2992
548.00	621.6	596.6	2178	2223	160.99	321.27	505.46	2924
550.00	624.7	599.7	2181	2226	160.11	319.74	503.34	3013
552.00	627.6	602.6	2183	2229	159.27	318.30	501.34	2950
554.00	630.6	605.6	2186	2233	158.43	316.83	499.31	2978
556.00	633.5	608.5	2189	2235	157.61	315.42	497.35	2944
558.00	636.5	611.5	2192	2238	156.81	314.03	495.43	2933
560.00	639.4	614.4	2194	2241	156.03	312.68	493.56	2913
562.00	642.4	617.4	2197	2244	155.21	311.26	491.58	2986
564.00	645.3	620.3	2200	2247	154.45	309.93	489.75	2903
566.00	648.1	623.1	2202	2249	153.71	308.65	487.97	2883
568.00	651.0	626.0	2204	2252	152.98	307.39	486.23	2863
570.00	653.9	628.9	2207	2254	152.25	306.11	484.46	2891
572.00	656.8	631.8	2209	2257	151.53	304.85	482.71	2888
574.00	659.7	634.7	2211	2260	150.81	303.60	480.97	2885

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	662.6	637.6	2214	2262	150.09	302.35	479.23	2900
578.00	665.5	640.5	2216	2265	149.35	301.04	477.40	2964
580.00	668.3	643.3	2218	2267	148.71	299.93	475.87	2772
582.00	671.1	646.1	2220	2269	148.04	298.78	474.26	2832
584.00	674.0	649.0	2223	2271	147.38	297.61	472.64	2849
586.00	676.9	651.9	2225	2274	146.70	296.43	470.99	2875
588.00	679.8	654.8	2227	2276	145.99	295.17	469.23	2964
590.00	682.8	657.8	2230	2279	145.30	293.96	467.53	2935
592.00	685.8	660.8	2232	2282	144.59	292.70	465.76	2988
594.00	688.7	663.7	2235	2284	143.90	291.48	464.06	2957
596.00	691.7	666.7	2237	2287	143.20	290.24	462.31	2997
598.00	694.6	669.6	2240	2289	142.53	289.05	460.64	2943
600.00	697.6	672.6	2242	2292	141.85	287.84	458.93	2988
602.00	700.6	675.6	2245	2295	141.18	286.65	457.27	2960
604.00	703.5	678.5	2247	2297	140.53	285.49	455.64	2950
606.00	706.5	681.5	2249	2300	139.89	284.36	454.05	2924
608.00	709.5	684.5	2252	2302	139.21	283.15	452.32	3034
610.00	712.5	687.5	2254	2305	138.55	281.98	450.68	2987
612.00	715.5	690.5	2256	2307	137.92	280.84	449.07	2963
614.00	718.4	693.4	2259	2310	137.29	279.72	447.48	2962
616.00	721.4	696.4	2261	2312	136.67	278.61	445.91	2957
618.00	724.5	699.5	2264	2315	135.98	277.36	444.14	3119
620.00	727.4	702.4	2266	2317	135.39	276.31	442.65	2910
622.00	730.4	705.4	2268	2320	134.78	275.23	441.12	2949

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	733.3	708.3	2270	2322	134.18	274.14	439.59	2965
626.00	736.3	711.3	2273	2325	133.56	273.03	438.01	3006
628.00	739.1	714.1	2274	2326	133.03	272.08	436.66	2822
630.00	742.1	717.1	2277	2329	132.44	271.03	435.17	2955
632.00	745.1	720.1	2279	2331	131.86	269.98	433.68	2965
634.00	747.8	722.8	2280	2332	131.36	269.07	432.41	2778
636.00	750.7	725.7	2282	2334	130.85	268.16	431.11	2809
638.00	753.6	728.6	2284	2336	130.30	267.17	429.71	2904
640.00	756.3	731.3	2285	2337	129.83	266.33	428.53	2716
642.00	759.0	734.0	2287	2339	129.34	265.46	427.30	2775
644.00	761.8	736.8	2288	2340	128.86	264.59	426.07	2769
646.00	764.7	739.7	2290	2342	128.36	263.68	424.78	2839
648.00	767.3	742.3	2291	2343	127.92	262.91	423.69	2653
650.00	770.2	745.2	2293	2345	127.39	261.94	422.31	2934
652.00	773.0	748.0	2294	2346	126.94	261.13	421.17	2713
654.00	775.8	750.8	2296	2348	126.44	260.23	419.88	2862
656.00	778.6	753.6	2298	2350	125.97	259.37	418.67	2800
658.00	781.5	756.5	2299	2351	125.48	258.49	417.40	2856
660.00	784.3	759.3	2301	2353	125.02	257.64	416.20	2804
662.00	787.0	762.0	2302	2354	124.58	256.85	415.07	2731
664.00	789.8	764.8	2304	2355	124.12	256.02	413.89	2797
666.00	792.5	767.5	2305	2357	123.69	255.24	412.79	2715
668.00	794.9	769.9	2305	2357	123.37	254.66	411.98	2411
670.00	797.7	772.7	2306	2358	122.94	253.89	410.89	2721

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	800.3	775.3	2308	2359	122.53	253.15	409.84	2683
674.00	802.8	777.8	2308	2359	122.20	252.55	409.00	2454
676.00	805.5	780.5	2309	2361	121.77	251.78	407.90	2748
678.00	808.3	783.3	2311	2362	121.35	251.01	406.80	2746
680.00	810.9	785.9	2312	2363	120.97	250.32	405.82	2626
682.00	813.6	788.6	2313	2364	120.57	249.59	404.79	2691
684.00	816.3	791.3	2314	2365	120.18	248.89	403.79	2662
686.00	819.0	794.0	2315	2366	119.78	248.14	402.72	2738
688.00	821.5	796.5	2315	2366	119.44	247.54	401.87	2505
690.00	824.2	799.2	2317	2367	119.05	246.82	400.84	2708
692.00	827.0	802.0	2318	2369	118.62	246.03	399.70	2827
694.00	829.8	804.8	2319	2370	118.20	245.27	398.61	2791
696.00	832.5	807.5	2320	2371	117.82	244.57	397.61	2686
698.00	835.1	810.1	2321	2371	117.48	243.95	396.73	2557
700.00	837.9	812.9	2323	2373	117.07	243.20	395.64	2801
702.00	840.6	815.6	2324	2374	116.67	242.46	394.59	2773
704.00	843.3	818.3	2325	2375	116.32	241.82	393.67	2619
706.00	846.0	821.0	2326	2376	115.94	241.11	392.64	2745
708.00	848.7	823.7	2327	2377	115.56	240.41	391.64	2733
710.00	851.4	826.4	2328	2378	115.20	239.75	390.68	2675
712.00	854.3	829.3	2329	2379	114.79	238.99	389.59	2839
714.00	856.9	831.9	2330	2380	114.46	238.38	388.71	2597
716.00	859.6	834.6	2331	2381	114.09	237.69	387.72	2734
718.00	862.2	837.2	2332	2382	113.74	237.06	386.82	2641

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	865.1	840.1	2334	2383	113.33	236.29	385.70	2895
722.00	867.9	842.9	2335	2385	112.94	235.57	384.65	2815
724.00	870.6	845.6	2336	2385	112.61	234.95	383.76	2640
726.00	873.4	848.4	2337	2387	112.24	234.27	382.76	2771
728.00	876.2	851.2	2339	2388	111.84	233.51	381.67	2893
730.00	878.9	853.9	2339	2389	111.51	232.90	380.78	2652
732.00	881.6	856.6	2340	2390	111.16	232.26	379.86	2700
734.00	884.4	859.4	2342	2391	110.79	231.56	378.83	2827
736.00	887.4	862.4	2343	2393	110.38	230.80	377.71	2942
738.00	890.1	865.1	2344	2394	110.04	230.16	376.79	2723
740.00	892.9	867.9	2346	2395	109.68	229.48	375.80	2803
742.00	895.6	870.6	2347	2396	109.35	228.87	374.91	2687
744.00	898.3	873.3	2347	2397	109.02	228.26	374.02	2685
746.00	901.1	876.1	2349	2398	108.66	227.58	373.03	2827
748.00	903.9	878.9	2350	2399	108.31	226.92	372.07	2791
750.00	906.7	881.7	2351	2400	107.95	226.25	371.09	2816
752.00	909.3	884.3	2352	2401	107.66	225.70	370.29	2599
754.00	912.0	887.0	2353	2402	107.34	225.10	369.42	2687
756.00	914.6	889.6	2354	2402	107.03	224.53	368.59	2651
758.00	917.3	892.3	2354	2403	106.74	223.98	367.78	2618
760.00	920.0	895.0	2355	2404	106.41	223.36	366.88	2751
762.00	922.7	897.7	2356	2404	106.11	222.79	366.06	2647
764.00	925.3	900.3	2357	2405	105.82	222.26	365.28	2596
766.00	927.9	902.9	2357	2406	105.52	221.69	364.45	2669

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	930.5	905.5	2358	2406	105.25	221.18	363.71	2534
770.00	932.9	907.9	2358	2406	105.00	220.73	363.05	2434
772.00	935.4	910.4	2359	2406	104.74	220.23	362.34	2523
774.00	937.9	912.9	2359	2407	104.48	219.76	361.65	2478
776.00	940.2	915.2	2359	2406	104.27	219.36	361.08	2308
778.00	942.6	917.6	2359	2406	104.03	218.92	360.44	2406
780.00	944.7	919.7	2358	2406	103.86	218.61	360.02	2063
782.00	947.1	922.1	2358	2406	103.61	218.14	359.34	2476
784.00	949.5	924.5	2358	2406	103.39	217.74	358.76	2325
786.00	951.9	926.9	2359	2406	103.16	217.30	358.12	2429
788.00	954.4	929.4	2359	2406	102.91	216.84	357.45	2470
790.00	956.8	931.8	2359	2406	102.68	216.40	356.82	2421
792.00	959.2	934.2	2359	2406	102.44	215.95	356.17	2452
794.00	961.6	936.6	2359	2406	102.22	215.55	355.59	2344
796.00	964.0	939.0	2359	2406	101.99	215.11	354.96	2428
798.00	966.4	941.4	2359	2406	101.76	214.69	354.34	2411
800.00	968.9	943.9	2360	2406	101.53	214.25	353.70	2451
802.00	971.3	946.3	2360	2406	101.30	213.82	353.08	2408
804.00	973.7	948.7	2360	2406	101.08	213.41	352.48	2388
806.00	976.1	951.1	2360	2406	100.86	212.98	351.86	2425
808.00	978.5	953.5	2360	2406	100.64	212.59	351.28	2359
810.00	980.9	955.9	2360	2406	100.41	212.14	350.63	2483
812.00	983.4	958.4	2361	2406	100.18	211.70	349.99	2465
814.00	985.8	960.8	2361	2406	99.96	211.29	349.40	2390

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	988.3	963.3	2361	2406	99.72	210.84	348.74	2505
818.00	990.7	965.7	2361	2406	99.51	210.44	348.15	2392
820.00	993.2	968.2	2362	2407	99.27	209.98	347.47	2537
822.00	995.6	970.6	2362	2407	99.05	209.57	346.87	2422
824.00	998.1	973.1	2362	2407	98.83	209.15	346.27	2424
826.00	1000.5	975.5	2362	2407	98.60	208.72	345.63	2478
828.00	1003.1	978.1	2362	2407	98.37	208.28	344.98	2507
830.00	1005.5	980.5	2363	2407	98.15	207.86	344.37	2456
832.00	1007.9	982.9	2363	2407	97.95	207.48	343.82	2348
834.00	1010.3	985.3	2363	2407	97.73	207.06	343.20	2469
836.00	1012.7	987.7	2363	2407	97.53	206.69	342.64	2355
838.00	1015.1	990.1	2363	2407	97.31	206.28	342.05	2435
840.00	1017.6	992.6	2363	2407	97.10	205.87	341.44	2458
842.00	1020.1	995.1	2364	2408	96.87	205.44	340.80	2504
844.00	1022.5	997.5	2364	2408	96.67	205.05	340.23	2403
846.00	1024.9	999.9	2364	2408	96.45	204.64	339.63	2462
848.00	1027.5	1002.5	2364	2408	96.22	204.19	338.96	2561
850.00	1029.9	1004.9	2364	2408	96.02	203.81	338.40	2391
852.00	1032.4	1007.4	2365	2408	95.80	203.39	337.78	2506
854.00	1034.9	1009.9	2365	2409	95.57	202.96	337.14	2529
856.00	1037.4	1012.4	2365	2409	95.37	202.56	336.55	2446
858.00	1039.9	1014.9	2366	2409	95.15	202.15	335.94	2498
860.00	1042.5	1017.5	2366	2409	94.92	201.70	335.28	2581
862.00	1045.0	1020.0	2367	2410	94.70	201.27	334.64	2546

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	1047.5	1022.5	2367	2410	94.49	200.88	334.06	2447
866.00	1050.0	1025.0	2367	2410	94.27	200.46	333.43	2534
868.00	1052.4	1027.4	2367	2410	94.08	200.10	332.89	2382
870.00	1055.0	1030.0	2368	2410	93.86	199.66	332.24	2584
872.00	1057.4	1032.4	2368	2410	93.66	199.28	331.69	2419
874.00	1059.8	1034.8	2368	2410	93.46	198.90	331.12	2436
876.00	1062.2	1037.2	2368	2410	93.28	198.55	330.59	2373
878.00	1064.6	1039.6	2368	2410	93.08	198.16	330.02	2450
880.00	1067.0	1042.0	2368	2410	92.89	197.81	329.50	2366
882.00	1069.4	1044.4	2368	2410	92.70	197.44	328.95	2428
884.00	1071.8	1046.8	2368	2410	92.52	197.09	328.43	2367
886.00	1074.2	1049.2	2368	2410	92.33	196.73	327.90	2397
888.00	1076.5	1051.5	2368	2410	92.15	196.38	327.38	2356
890.00	1078.9	1053.9	2368	2410	91.97	196.03	326.85	2400
892.00	1081.3	1056.3	2368	2410	91.79	195.68	326.34	2366
894.00	1083.7	1058.7	2368	2410	91.61	195.33	325.82	2375
896.00	1086.1	1061.1	2368	2410	91.42	194.98	325.30	2385
898.00	1088.5	1063.5	2369	2410	91.24	194.63	324.78	2390
900.00	1090.8	1065.8	2368	2410	91.07	194.29	324.27	2365
902.00	1093.2	1068.2	2369	2410	90.88	193.94	323.75	2397
904.00	1095.6	1070.6	2369	2410	90.70	193.59	323.23	2398
906.00	1098.0	1073.0	2369	2410	90.52	193.24	322.71	2400
908.00	1100.5	1075.5	2369	2410	90.34	192.88	322.17	2433
910.00	1102.9	1077.9	2369	2410	90.15	192.52	321.63	2446

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	1105.3	1080.3	2369	2410	89.97	192.17	321.11	2405
914.00	1107.7	1082.7	2369	2410	89.80	191.83	320.60	2393
916.00	1110.1	1085.1	2369	2410	89.62	191.49	320.08	2410
918.00	1112.5	1087.5	2369	2410	89.43	191.13	319.54	2443
920.00	1115.0	1090.0	2370	2410	89.25	190.78	319.02	2424
922.00	1117.4	1092.4	2370	2410	89.07	190.43	318.50	2428
924.00	1119.9	1094.9	2370	2410	88.89	190.08	317.96	2461
926.00	1122.3	1097.3	2370	2410	88.71	189.72	317.43	2445
928.00	1124.8	1099.8	2370	2410	88.52	189.36	316.88	2494
930.00	1127.3	1102.3	2370	2410	88.34	189.01	316.35	2454
932.00	1129.8	1104.8	2371	2411	88.15	188.63	315.79	2521
934.00	1132.3	1107.3	2371	2411	87.96	188.26	315.22	2527
936.00	1134.8	1109.8	2371	2411	87.78	187.90	314.68	2497
938.00	1137.3	1112.3	2372	2411	87.59	187.54	314.14	2487
940.00	1139.8	1114.8	2372	2411	87.41	187.17	313.58	2527
942.00	1142.4	1117.4	2372	2412	87.21	186.79	312.99	2582
944.00	1144.9	1119.9	2373	2412	87.03	186.43	312.44	2514
946.00	1147.3	1122.3	2373	2412	86.86	186.11	311.96	2385
948.00	1149.8	1124.8	2373	2412	86.68	185.74	311.40	2536
950.00	1152.4	1127.4	2373	2413	86.49	185.38	310.86	2525
952.00	1154.9	1129.9	2374	2413	86.30	185.01	310.30	2549
954.00	1157.5	1132.5	2374	2413	86.11	184.62	309.71	2616
956.00	1160.1	1135.1	2375	2414	85.92	184.24	309.13	2596
958.00	1162.8	1137.8	2375	2414	85.71	183.83	308.50	2696

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	1165.4	1140.4	2376	2415	85.52	183.46	307.93	2580
962.00	1167.9	1142.9	2376	2415	85.35	183.12	307.41	2500
964.00	1170.4	1145.4	2376	2415	85.17	182.76	306.87	2536
966.00	1173.0	1148.0	2377	2415	84.98	182.41	306.32	2543
968.00	1175.5	1150.5	2377	2416	84.80	182.04	305.76	2579
970.00	1178.1	1153.1	2378	2416	84.62	181.68	305.21	2576
972.00	1180.7	1155.7	2378	2416	84.43	181.31	304.65	2585
974.00	1183.3	1158.3	2378	2417	84.25	180.95	304.10	2573
976.00	1185.8	1160.8	2379	2417	84.07	180.60	303.56	2551
978.00	1188.4	1163.4	2379	2417	83.89	180.24	303.00	2598
980.00	1191.1	1166.1	2380	2418	83.70	179.86	302.43	2643
982.00	1193.8	1168.8	2380	2418	83.50	179.47	301.83	2685
984.00	1196.4	1171.4	2381	2419	83.32	179.11	301.27	2614
986.00	1199.0	1174.0	2381	2419	83.14	178.75	300.72	2598
988.00	1201.5	1176.5	2382	2420	82.96	178.40	300.19	2558
990.00	1204.1	1179.1	2382	2420	82.79	178.05	299.65	2584
992.00	1206.8	1181.8	2383	2420	82.59	177.66	299.05	2699
994.00	1209.5	1184.5	2383	2421	82.40	177.28	298.47	2690
996.00	1212.2	1187.2	2384	2422	82.21	176.90	297.88	2688
998.00	1214.9	1189.9	2385	2422	82.02	176.51	297.28	2730
1000.00	1217.5	1192.5	2385	2423	81.84	176.16	296.73	2628
1002.00	1220.2	1195.2	2386	2423	81.66	175.79	296.17	2646
1004.00	1222.8	1197.8	2386	2424	81.48	175.44	295.62	2637
1006.00	1225.4	1200.4	2387	2424	81.30	175.09	295.08	2617

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	1228.1	1203.1	2387	2424	81.12	174.73	294.52	2656
1010.00	1230.8	1205.8	2388	2425	80.94	174.37	293.97	2650
1012.00	1233.4	1208.4	2388	2425	80.76	174.00	293.40	2679
1014.00	1236.1	1211.1	2389	2426	80.58	173.64	292.84	2671
1016.00	1238.8	1213.8	2389	2427	80.40	173.28	292.28	2687
1018.00	1241.5	1216.5	2390	2427	80.21	172.91	291.70	2723
1020.00	1244.3	1219.3	2391	2428	80.02	172.51	291.08	2813
1022.00	1247.0	1222.0	2391	2429	79.84	172.15	290.53	2688
1024.00	1249.7	1224.7	2392	2429	79.66	171.80	289.98	2669
1026.00	1252.5	1227.5	2393	2430	79.47	171.41	289.37	2797
1028.00	1255.2	1230.2	2393	2430	79.29	171.04	288.80	2730
1030.00	1258.0	1233.0	2394	2431	79.10	170.67	288.22	2772
1032.00	1260.7	1235.7	2395	2432	78.92	170.30	287.65	2741
1034.00	1263.4	1238.4	2395	2432	78.74	169.95	287.10	2681
1036.00	1266.1	1241.1	2396	2433	78.57	169.60	286.56	2695
1038.00	1268.8	1243.8	2397	2433	78.39	169.25	286.01	2700
1040.00	1271.5	1246.5	2397	2434	78.22	168.91	285.48	2668
1042.00	1274.2	1249.2	2398	2434	78.05	168.55	284.93	2726
1044.00	1276.9	1251.9	2398	2435	77.88	168.21	284.39	2683
1046.00	1279.6	1254.6	2399	2435	77.70	167.85	283.84	2728
1048.00	1282.3	1257.3	2399	2436	77.53	167.51	283.30	2714
1050.00	1285.0	1260.0	2400	2436	77.37	167.18	282.78	2650
1052.00	1287.7	1262.7	2401	2437	77.20	166.83	282.25	2705
1054.00	1290.4	1265.4	2401	2438	77.02	166.49	281.71	2728

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	1293.0	1268.0	2402	2438	76.87	166.17	281.21	2620
1058.00	1295.5	1270.5	2402	2438	76.72	165.88	280.76	2509
1060.00	1298.1	1273.1	2402	2438	76.58	165.59	280.31	2523
1062.00	1300.5	1275.5	2402	2438	76.44	165.31	279.88	2482
1064.00	1303.0	1278.0	2402	2438	76.30	165.03	279.45	2472
1066.00	1305.5	1280.5	2402	2439	76.16	164.75	279.00	2509
1068.00	1308.0	1283.0	2403	2439	76.02	164.48	278.58	2447
1070.00	1310.5	1285.5	2403	2439	75.88	164.19	278.14	2519
1072.00	1312.9	1287.9	2403	2439	75.75	163.94	277.74	2395
1074.00	1315.3	1290.3	2403	2438	75.63	163.69	277.36	2371
1076.00	1317.7	1292.7	2403	2438	75.50	163.43	276.96	2414
1078.00	1320.2	1295.2	2403	2439	75.36	163.14	276.51	2532
1080.00	1322.8	1297.8	2403	2439	75.21	162.85	276.05	2584
1082.00	1325.1	1300.1	2403	2439	75.09	162.60	275.67	2362
1084.00	1327.6	1302.6	2403	2439	74.97	162.35	275.28	2409
1086.00	1330.0	1305.0	2403	2439	74.83	162.08	274.87	2455
1088.00	1332.5	1307.5	2403	2439	74.70	161.82	274.45	2466
1090.00	1335.0	1310.0	2404	2439	74.57	161.55	274.03	2483
1092.00	1337.6	1312.6	2404	2439	74.42	161.24	273.55	2640
1094.00	1340.3	1315.3	2405	2440	74.26	160.93	273.06	2689
1096.00	1343.0	1318.0	2405	2440	74.11	160.61	272.57	2684
1098.00	1345.6	1320.6	2405	2441	73.96	160.32	272.10	2606
1100.00	1348.1	1323.1	2406	2441	73.83	160.04	271.66	2557
1102.00	1350.8	1325.8	2406	2441	73.68	159.74	271.20	2633

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	1353.2	1328.2	2406	2441	73.55	159.49	270.80	2448
1106.00	1355.8	1330.8	2407	2441	73.41	159.19	270.34	2622
1108.00	1358.2	1333.2	2407	2441	73.29	158.95	269.96	2410
1110.00	1360.7	1335.7	2407	2441	73.16	158.69	269.55	2488
1112.00	1363.2	1338.2	2407	2441	73.04	158.44	269.16	2440
1114.00	1365.7	1340.7	2407	2442	72.90	158.17	268.74	2517
1116.00	1368.1	1343.1	2407	2442	72.79	157.93	268.37	2404
1118.00	1370.6	1345.6	2407	2442	72.66	157.67	267.96	2502
1120.00	1373.1	1348.1	2407	2442	72.53	157.42	267.56	2474
1122.00	1375.6	1350.6	2407	2442	72.40	157.16	267.15	2513
1124.00	1378.2	1353.2	2408	2442	72.26	156.87	266.69	2636
1126.00	1381.1	1356.1	2409	2443	72.09	156.53	266.15	2858
1128.00	1384.0	1359.0	2410	2444	71.92	156.16	265.58	2944
1130.00	1387.1	1362.1	2411	2445	71.72	155.77	264.94	3094
1132.00	1390.2	1365.2	2412	2447	71.54	155.38	264.32	3066
1134.00	1393.6	1368.6	2414	2449	71.30	154.90	263.55	3402
1136.00	1396.2	1371.2	2414	2449	71.17	154.63	263.13	2570
1138.00	1398.8	1373.8	2414	2449	71.03	154.35	262.68	2649
1140.00	1401.4	1376.4	2415	2449	70.90	154.08	262.27	2563
1142.00	1403.5	1378.5	2414	2449	70.82	153.91	262.00	2118
1144.00	1406.1	1381.1	2415	2449	70.68	153.63	261.56	2641
1146.00	1408.5	1383.5	2414	2449	70.57	153.41	261.21	2377
1148.00	1411.5	1386.5	2415	2450	70.40	153.06	260.66	2952
1150.00	1414.2	1389.2	2416	2451	70.25	152.75	260.16	2794

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	1417.1	1392.1	2417	2451	70.09	152.42	259.64	2878
1154.00	1419.8	1394.8	2417	2452	69.95	152.14	259.19	2697
1156.00	1422.6	1397.6	2418	2452	69.81	151.84	258.71	2760
1158.00	1425.3	1400.3	2418	2453	69.67	151.56	258.27	2681
1160.00	1427.8	1402.8	2419	2453	69.55	151.30	257.87	2565
1162.00	1430.4	1405.4	2419	2453	69.42	151.04	257.45	2601
1164.00	1433.0	1408.0	2419	2454	69.29	150.78	257.04	2604
1166.00	1435.7	1410.7	2420	2454	69.16	150.50	256.60	2687
1168.00	1438.3	1413.3	2420	2454	69.03	150.25	256.19	2602
1170.00	1441.0	1416.0	2421	2455	68.90	149.97	255.75	2694
1172.00	1443.6	1418.6	2421	2455	68.77	149.71	255.34	2590
1174.00	1446.1	1421.1	2421	2455	68.66	149.48	254.97	2511
1176.00	1448.8	1423.8	2421	2455	68.52	149.20	254.52	2728
1178.00	1452.1	1427.1	2423	2457	68.33	148.80	253.88	3226
1180.00	1457.1	1432.1	2427	2464	67.86	147.81	252.27	5041
1182.00	1461.8	1436.8	2431	2469	67.45	146.96	250.88	4736
1184.00	1465.4	1440.4	2433	2472	67.22	146.48	250.10	3586
1186.00	1467.5	1442.5	2433	2471	67.15	146.33	249.87	2060
1188.00	1469.6	1444.6	2432	2470	67.07	146.18	249.63	2104
1190.00	1471.9	1446.9	2432	2470	66.98	145.99	249.34	2286
1192.00	1474.5	1449.5	2432	2470	66.86	145.73	248.93	2664
1194.00	1477.2	1452.2	2432	2471	66.74	145.49	248.54	2607
1196.00	1479.9	1454.9	2433	2471	66.61	145.22	248.11	2738
1198.00	1482.2	1457.2	2433	2471	66.51	145.03	247.81	2337

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	1485.0	1460.0	2433	2471	66.38	144.76	247.37	2753
1202.00	1487.6	1462.6	2434	2472	66.27	144.52	247.00	2584
1204.00	1490.1	1465.1	2434	2472	66.15	144.29	246.63	2564
1206.00	1492.8	1467.8	2434	2472	66.03	144.03	246.22	2690
1208.00	1495.4	1470.4	2434	2472	65.92	143.80	245.84	2600
1210.00	1498.1	1473.1	2435	2473	65.79	143.54	245.42	2731
1212.00	1500.9	1475.9	2436	2473	65.66	143.27	244.99	2769
1214.00	1503.7	1478.7	2436	2474	65.53	143.00	244.56	2760
1216.00	1506.4	1481.4	2436	2474	65.41	142.75	244.16	2699
1218.00	1509.1	1484.1	2437	2475	65.29	142.50	243.76	2696
1220.00	1512.0	1487.0	2438	2475	65.15	142.21	243.29	2880
1222.00	1514.5	1489.5	2438	2475	65.04	141.99	242.94	2553
1224.00	1516.7	1491.7	2437	2475	64.96	141.82	242.68	2222
1226.00	1519.3	1494.3	2438	2475	64.85	141.59	242.30	2612
1228.00	1522.0	1497.0	2438	2476	64.73	141.35	241.93	2632
1230.00	1524.6	1499.6	2438	2476	64.62	141.12	241.55	2645
1232.00	1527.3	1502.3	2439	2476	64.51	140.88	241.17	2638
1234.00	1529.9	1504.9	2439	2476	64.40	140.65	240.81	2601
1236.00	1532.5	1507.5	2439	2477	64.29	140.43	240.44	2614
1238.00	1535.2	1510.2	2440	2477	64.17	140.18	240.05	2697
1240.00	1537.7	1512.7	2440	2477	64.06	139.96	239.70	2561
1242.00	1539.9	1514.9	2440	2477	63.98	139.80	239.45	2216
1244.00	1542.4	1517.4	2440	2477	63.89	139.61	239.13	2456
1246.00	1544.5	1519.5	2439	2476	63.82	139.47	238.92	2064

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	1547.4	1522.4	2440	2477	63.68	139.18	238.45	2931
1250.00	1550.4	1525.4	2441	2478	63.54	138.88	237.96	3016
1252.00	1552.9	1527.9	2441	2478	63.44	138.67	237.63	2536
1254.00	1555.4	1530.4	2441	2478	63.35	138.48	237.33	2403
1256.00	1557.7	1532.7	2441	2478	63.26	138.30	237.04	2367
1258.00	1560.6	1535.6	2441	2478	63.13	138.03	236.61	2874
1260.00	1563.3	1538.3	2442	2479	63.01	137.79	236.22	2724
1262.00	1565.7	1540.7	2442	2479	62.92	137.61	235.92	2421
1264.00	1568.0	1543.0	2442	2478	62.84	137.44	235.65	2302
1266.00	1570.0	1545.0	2441	2478	62.78	137.31	235.45	2009
1268.00	1572.0	1547.0	2440	2477	62.72	137.19	235.26	1998
1270.00	1574.1	1549.1	2439	2476	62.66	137.06	235.06	2019
1272.00	1576.7	1551.7	2440	2477	62.55	136.84	234.70	2640
1274.00	1579.5	1554.5	2440	2477	62.43	136.60	234.31	2759
1276.00	1582.4	1557.4	2441	2478	62.30	136.32	233.86	2955
1278.00	1585.2	1560.2	2442	2478	62.18	136.06	233.45	2829
1280.00	1588.1	1563.1	2442	2479	62.06	135.81	233.03	2854
1282.00	1590.9	1565.9	2443	2480	61.93	135.55	232.62	2830
1284.00	1593.8	1568.8	2444	2480	61.81	135.29	232.19	2884
1286.00	1596.6	1571.6	2444	2481	61.70	135.05	231.81	2753
1288.00	1599.6	1574.6	2445	2482	61.56	134.77	231.35	3003
1290.00	1602.6	1577.6	2446	2483	61.43	134.49	230.90	2986
1292.00	1605.6	1580.6	2447	2484	61.29	134.20	230.43	3045
1294.00	1608.7	1583.7	2448	2485	61.15	133.91	229.95	3085

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	1611.8	1586.8	2449	2486	61.01	133.62	229.47	3070
1298.00	1615.0	1590.0	2450	2487	60.85	133.29	228.93	3287
1300.00	1617.5	1592.5	2450	2487	60.77	133.10	228.64	2460
1302.00	1620.4	1595.4	2451	2488	60.65	132.85	228.23	2871
1304.00	1623.6	1598.6	2452	2489	60.50	132.54	227.72	3212
1306.00	1626.5	1601.5	2453	2490	60.37	132.28	227.29	2932
1308.00	1628.9	1603.9	2452	2489	60.29	132.12	227.03	2362
1310.00	1631.9	1606.9	2453	2490	60.17	131.85	226.59	2998
1312.00	1634.9	1609.9	2454	2491	60.03	131.57	226.14	3044
1314.00	1637.8	1612.8	2455	2492	59.92	131.33	225.74	2859
1316.00	1640.8	1615.8	2456	2493	59.79	131.06	225.30	3018
1318.00	1643.8	1618.8	2456	2494	59.66	130.79	224.87	3003
1320.00	1647.0	1622.0	2458	2495	59.52	130.48	224.37	3211
1322.00	1649.8	1624.8	2458	2495	59.41	130.26	224.01	2763
1324.00	1652.4	1627.4	2458	2495	59.31	130.06	223.68	2644
1326.00	1655.4	1630.4	2459	2496	59.19	129.79	223.25	3021
1328.00	1658.2	1633.2	2460	2497	59.08	129.57	222.89	2765
1330.00	1660.9	1635.9	2460	2497	58.99	129.37	222.55	2681
1332.00	1663.4	1638.4	2460	2497	58.90	129.19	222.26	2528
1334.00	1666.2	1641.2	2461	2498	58.79	128.97	221.90	2777
1336.00	1668.8	1643.8	2461	2498	58.70	128.77	221.58	2622
1338.00	1671.7	1646.7	2461	2498	58.59	128.54	221.21	2850
1340.00	1674.8	1649.8	2462	2499	58.46	128.26	220.75	3124
1342.00	1677.1	1652.1	2462	2499	58.39	128.11	220.51	2311

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	1679.7	1654.7	2462	2499	58.29	127.92	220.19	2642
1346.00	1681.8	1656.8	2462	2499	58.24	127.80	220.01	2053
1348.00	1683.8	1658.8	2461	2498	58.18	127.69	219.83	2040
1350.00	1686.7	1661.7	2462	2499	58.08	127.47	219.47	2831
1352.00	1689.6	1664.6	2462	2499	57.96	127.22	219.07	2959
1354.00	1692.7	1667.7	2463	2500	57.84	126.97	218.65	3030
1356.00	1696.0	1671.0	2465	2502	57.69	126.64	218.12	3390
1358.00	1699.2	1674.2	2466	2503	57.56	126.37	217.67	3127
1360.00	1702.2	1677.2	2466	2504	57.44	126.13	217.27	2986
1362.00	1704.8	1679.8	2467	2504	57.35	125.93	216.95	2669
1364.00	1707.5	1682.5	2467	2504	57.26	125.73	216.63	2715
1366.00	1710.2	1685.2	2467	2504	57.17	125.55	216.32	2641
1368.00	1712.7	1687.7	2467	2504	57.09	125.38	216.05	2505
1370.00	1715.0	1690.0	2467	2504	57.02	125.24	215.83	2258
1372.00	1717.6	1692.6	2467	2504	56.93	125.05	215.52	2666
1374.00	1720.6	1695.6	2468	2505	56.82	124.81	215.13	2980
1376.00	1723.6	1698.6	2469	2506	56.70	124.57	214.73	2989
1378.00	1726.0	1701.0	2469	2506	56.63	124.41	214.47	2463
1380.00	1728.8	1703.8	2469	2506	56.53	124.21	214.15	2746
1382.00	1731.8	1706.8	2470	2507	56.42	123.97	213.75	3027
1384.00	1735.0	1710.0	2471	2508	56.29	123.71	213.32	3132
1386.00	1737.4	1712.4	2471	2508	56.22	123.56	213.07	2418
1388.00	1740.3	1715.3	2472	2508	56.11	123.33	212.69	2948
1390.00	1743.2	1718.2	2472	2509	56.01	123.11	212.34	2873

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	1746.4	1721.4	2473	2510	55.88	122.83	211.88	3256
1394.00	1749.7	1724.7	2474	2512	55.75	122.55	211.42	3277
1396.00	1753.1	1728.1	2476	2513	55.61	122.26	210.94	3331
1398.00	1756.4	1731.4	2477	2514	55.48	121.98	210.47	3327
1400.00	1759.4	1734.4	2478	2515	55.36	121.74	210.07	3052
1402.00	1762.8	1737.8	2479	2516	55.23	121.45	209.60	3344
1404.00	1766.0	1741.0	2480	2518	55.10	121.18	209.15	3244
1406.00	1769.2	1744.2	2481	2519	54.98	120.93	208.73	3170
1408.00	1772.2	1747.2	2482	2519	54.88	120.70	208.36	2972
1410.00	1774.9	1749.9	2482	2520	54.79	120.52	208.06	2722
1412.00	1777.6	1752.6	2482	2520	54.70	120.34	207.77	2675
1414.00	1780.7	1755.7	2483	2521	54.59	120.09	207.36	3156
1416.00	1783.4	1758.4	2484	2521	54.50	119.91	207.05	2728
1418.00	1786.6	1761.6	2485	2522	54.39	119.67	206.66	3110
1420.00	1789.8	1764.8	2486	2523	54.26	119.41	206.23	3223
1422.00	1792.6	1767.6	2486	2524	54.17	119.21	205.90	2846
1424.00	1795.7	1770.7	2487	2525	54.06	118.98	205.52	3077
1426.00	1799.0	1774.0	2488	2526	53.94	118.71	205.08	3276
1428.00	1802.0	1777.0	2489	2527	53.84	118.50	204.73	2974
1430.00	1805.2	1780.2	2490	2528	53.72	118.24	204.30	3237
1432.00	1808.6	1783.6	2491	2529	53.58	117.96	203.84	3405
1434.00	1812.1	1787.1	2492	2531	53.45	117.67	203.35	3477
1436.00	1815.4	1790.4	2494	2532	53.32	117.40	202.90	3362
1438.00	1818.5	1793.5	2494	2533	53.22	117.18	202.54	3046

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	1821.2	1796.2	2495	2533	53.13	117.00	202.26	2688
1442.00	1824.2	1799.2	2495	2534	53.03	116.79	201.89	3048
1444.00	1827.5	1802.5	2497	2535	52.91	116.52	201.46	3326
1446.00	1830.7	1805.7	2497	2536	52.80	116.29	201.08	3116
1448.00	1833.5	1808.5	2498	2537	52.71	116.10	200.76	2887
1450.00	1836.7	1811.7	2499	2537	52.60	115.87	200.38	3132
1452.00	1839.7	1814.7	2500	2538	52.50	115.66	200.03	3014
1454.00	1842.7	1817.7	2500	2539	52.40	115.45	199.68	3003
1456.00	1845.9	1820.9	2501	2540	52.29	115.21	199.28	3228
1458.00	1848.6	1823.6	2501	2540	52.22	115.05	199.02	2668
1460.00	1851.8	1826.8	2502	2541	52.11	114.82	198.63	3173
1462.00	1855.0	1830.0	2503	2542	51.99	114.57	198.23	3278
1464.00	1858.3	1833.3	2504	2543	51.88	114.33	197.83	3230
1466.00	1861.4	1836.4	2505	2544	51.77	114.11	197.46	3152
1468.00	1864.6	1839.6	2506	2545	51.67	113.89	197.09	3126
1470.00	1867.9	1842.9	2507	2546	51.55	113.64	196.67	3344
1472.00	1870.8	1845.8	2508	2547	51.46	113.44	196.35	2944
1474.00	1874.1	1849.1	2509	2548	51.35	113.21	195.97	3212
1476.00	1877.1	1852.1	2510	2549	51.26	113.01	195.64	3007
1478.00	1879.8	1854.8	2510	2549	51.18	112.84	195.36	2760
1480.00	1882.8	1857.8	2511	2550	51.09	112.65	195.04	2966
1482.00	1885.9	1860.9	2511	2550	50.99	112.44	194.69	3092
1484.00	1889.2	1864.2	2512	2552	50.88	112.20	194.29	3313
1486.00	1892.5	1867.5	2513	2553	50.77	111.96	193.89	3290

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	1895.6	1870.6	2514	2554	50.67	111.75	193.54	3134
1490.00	1898.6	1873.6	2515	2554	50.58	111.56	193.22	2999
1492.00	1902.0	1877.0	2516	2556	50.46	111.30	192.80	3413
1494.00	1905.2	1880.2	2517	2557	50.36	111.08	192.43	3207
1496.00	1908.4	1883.4	2518	2558	50.25	110.86	192.06	3204
1498.00	1911.7	1886.7	2519	2559	50.15	110.64	191.69	3252
1500.00	1914.9	1889.9	2520	2560	50.04	110.41	191.31	3254
1502.00	1918.2	1893.2	2521	2561	49.93	110.18	190.92	3302
1504.00	1921.4	1896.4	2522	2562	49.83	109.96	190.57	3200
1506.00	1924.6	1899.6	2523	2563	49.74	109.76	190.22	3154
1508.00	1927.8	1902.8	2524	2564	49.63	109.54	189.85	3228
1510.00	1931.0	1906.0	2524	2564	49.54	109.33	189.51	3162
1512.00	1934.6	1909.6	2526	2566	49.41	109.06	189.06	3577
1514.00	1937.9	1912.9	2527	2567	49.31	108.84	188.69	3295
1516.00	1940.9	1915.9	2528	2568	49.22	108.65	188.38	3002
1518.00	1944.3	1919.3	2529	2569	49.11	108.42	187.98	3401
1520.00	1947.6	1922.6	2530	2570	49.00	108.18	187.59	3364
1522.00	1950.8	1925.8	2531	2571	48.90	107.97	187.24	3218
1524.00	1954.1	1929.1	2532	2572	48.80	107.76	186.88	3271
1526.00	1957.1	1932.1	2532	2573	48.72	107.57	186.57	3024
1528.00	1960.4	1935.4	2533	2574	48.62	107.36	186.23	3211
1530.00	1963.7	1938.7	2534	2575	48.52	107.14	185.86	3317
1532.00	1966.8	1941.8	2535	2576	48.42	106.94	185.52	3169
1534.00	1970.3	1945.3	2536	2577	48.32	106.71	185.13	3428

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	1973.7	1948.7	2537	2578	48.21	106.48	184.75	3406
1538.00	1977.2	1952.2	2539	2580	48.09	106.23	184.32	3573
1540.00	1980.6	1955.6	2540	2581	47.98	106.00	183.94	3400
1542.00	1984.1	1959.1	2541	2583	47.87	105.76	183.55	3482
1544.00	1987.5	1962.5	2542	2584	47.77	105.54	183.17	3393
1546.00	1990.9	1965.9	2543	2585	47.67	105.31	182.79	3401
1548.00	1994.2	1969.2	2544	2586	47.57	105.10	182.44	3302
1550.00	1997.5	1972.5	2545	2587	47.47	104.89	182.09	3295
1552.00	2000.8	1975.8	2546	2588	47.38	104.69	181.76	3234
1554.00	2004.1	1979.1	2547	2589	47.28	104.48	181.40	3357
1556.00	2007.5	1982.5	2548	2590	47.17	104.26	181.03	3398
1558.00	2010.8	1985.8	2549	2591	47.08	104.05	180.68	3305
1560.00	2014.1	1989.1	2550	2592	46.98	103.84	180.33	3322
1562.00	2017.6	1992.6	2551	2594	46.88	103.62	179.96	3455
1564.00	2020.9	1995.9	2552	2595	46.78	103.42	179.62	3298
1566.00	2024.5	1999.5	2554	2596	46.67	103.17	179.21	3605
1568.00	2027.9	2002.9	2555	2598	46.57	102.96	178.85	3407
1570.00	2031.2	2006.2	2556	2599	46.48	102.76	178.51	3288
1572.00	2034.5	2009.5	2557	2599	46.39	102.56	178.18	3269
1574.00	2037.9	2012.9	2558	2601	46.29	102.35	177.83	3401
1576.00	2041.2	2016.2	2559	2602	46.19	102.14	177.48	3369
1578.00	2044.8	2019.8	2560	2603	46.08	101.91	177.09	3586
1580.00	2048.1	2023.1	2561	2604	45.99	101.72	176.76	3265
1582.00	2051.6	2026.6	2562	2606	45.89	101.49	176.38	3537

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	2055.1	2030.1	2563	2607	45.79	101.27	176.02	3473
1586.00	2058.5	2033.5	2564	2608	45.69	101.07	175.67	3392
1588.00	2061.8	2036.8	2565	2609	45.60	100.87	175.33	3364
1590.00	2065.4	2040.4	2567	2610	45.49	100.64	174.96	3557
1592.00	2068.9	2043.9	2568	2612	45.39	100.43	174.59	3495
1594.00	2072.2	2047.2	2569	2613	45.30	100.23	174.27	3327
1596.00	2075.7	2050.7	2570	2614	45.21	100.02	173.91	3464
1598.00	2079.3	2054.3	2571	2616	45.10	99.79	173.52	3637
1600.00	2082.7	2057.7	2572	2617	45.01	99.60	173.20	3332
1602.00	2086.1	2061.1	2573	2618	44.91	99.39	172.85	3464
1604.00	2089.5	2064.5	2574	2619	44.82	99.19	172.52	3367
1606.00	2093.2	2068.2	2576	2620	44.72	98.96	172.13	3664
1608.00	2096.6	2071.6	2577	2622	44.62	98.75	171.78	3496
1610.00	2100.2	2075.2	2578	2623	44.52	98.54	171.42	3555
1612.00	2103.6	2078.6	2579	2624	44.43	98.34	171.09	3385
1614.00	2107.0	2082.0	2580	2625	44.34	98.15	170.75	3440
1616.00	2110.5	2085.5	2581	2627	44.24	97.95	170.42	3448
1618.00	2113.9	2088.9	2582	2628	44.16	97.75	170.09	3394
1620.00	2117.3	2092.3	2583	2629	44.06	97.55	169.75	3462
1622.00	2120.9	2095.9	2584	2630	43.97	97.34	169.40	3552
1624.00	2124.5	2099.5	2586	2632	43.87	97.13	169.04	3581
1626.00	2127.9	2102.9	2587	2633	43.78	96.94	168.71	3437
1628.00	2131.4	2106.4	2588	2634	43.68	96.73	168.37	3520
1630.00	2134.8	2109.8	2589	2635	43.59	96.54	168.05	3423

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	2138.3	2113.3	2590	2636	43.51	96.35	167.72	3451
1634.00	2141.6	2116.6	2591	2637	43.43	96.18	167.43	3258
1636.00	2145.1	2120.1	2592	2638	43.33	95.97	167.09	3534
1638.00	2148.6	2123.6	2593	2640	43.24	95.78	166.76	3511
1640.00	2152.0	2127.0	2594	2641	43.15	95.59	166.44	3446
1642.00	2155.6	2130.6	2595	2642	43.06	95.38	166.09	3573
1644.00	2159.0	2134.0	2596	2643	42.98	95.20	165.79	3359
1646.00	2162.0	2137.0	2597	2644	42.91	95.06	165.55	3029
1648.00	2165.4	2140.4	2598	2645	42.82	94.88	165.24	3390
1650.00	2168.8	2143.8	2599	2646	42.74	94.69	164.93	3431
1652.00	2172.5	2147.5	2600	2647	42.64	94.48	164.57	3650
1654.00	2176.2	2151.2	2601	2649	42.54	94.27	164.22	3682
1656.00	2180.1	2155.1	2603	2651	42.43	94.03	163.81	3935
1658.00	2183.8	2158.8	2604	2652	42.33	93.82	163.45	3720
1660.00	2187.1	2162.1	2605	2653	42.26	93.65	163.16	3312
1662.00	2190.8	2165.8	2606	2654	42.16	93.44	162.82	3638
1664.00	2194.1	2169.1	2607	2655	42.08	93.27	162.53	3353
1666.00	2197.3	2172.3	2608	2656	42.01	93.11	162.26	3232
1668.00	2201.0	2176.0	2609	2658	41.92	92.91	161.92	3664
1670.00	2204.7	2179.7	2610	2659	41.82	92.70	161.56	3718
1672.00	2207.9	2182.9	2611	2660	41.75	92.56	161.32	3120
1674.00	2210.7	2185.7	2611	2660	41.70	92.43	161.11	2885
1676.00	2213.8	2188.8	2612	2661	41.63	92.29	160.87	3109
1678.00	2216.3	2191.3	2612	2660	41.59	92.20	160.71	2475

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	2219.3	2194.3	2612	2661	41.53	92.07	160.49	2976
1682.00	2222.8	2197.8	2613	2662	41.44	91.89	160.19	3467
1684.00	2226.5	2201.5	2615	2663	41.35	91.68	159.83	3780
1686.00	2230.0	2205.0	2616	2665	41.27	91.50	159.53	3485
1688.00	2233.6	2208.6	2617	2666	41.18	91.31	159.21	3579
1690.00	2236.9	2211.9	2618	2667	41.11	91.16	158.95	3259
1692.00	2239.9	2214.9	2618	2667	41.05	91.03	158.73	3014
1694.00	2243.6	2218.6	2619	2669	40.95	90.82	158.38	3767
1696.00	2247.3	2222.3	2621	2670	40.86	90.63	158.06	3618
1698.00	2250.8	2225.8	2622	2671	40.78	90.45	157.75	3574
1700.00	2254.4	2229.4	2623	2672	40.70	90.27	157.45	3516
1702.00	2257.8	2232.8	2624	2673	40.62	90.10	157.16	3475
1704.00	2261.6	2236.6	2625	2675	40.53	89.90	156.82	3736
1706.00	2265.3	2240.3	2626	2676	40.44	89.71	156.50	3689
1708.00	2268.9	2243.9	2627	2678	40.35	89.52	156.18	3609
1710.00	2272.1	2247.1	2628	2678	40.29	89.38	155.93	3247
1712.00	2275.4	2250.4	2629	2679	40.22	89.22	155.67	3324
1714.00	2279.2	2254.2	2630	2681	40.13	89.03	155.35	3723
1716.00	2282.9	2257.9	2632	2682	40.04	88.83	155.01	3777
1718.00	2286.6	2261.6	2633	2683	39.95	88.65	154.70	3645
1720.00	2289.4	2264.4	2633	2684	39.90	88.54	154.51	2828
1722.00	2292.7	2267.7	2634	2684	39.83	88.39	154.26	3276
1724.00	2296.5	2271.5	2635	2686	39.74	88.19	153.93	3802
1726.00	2300.2	2275.2	2636	2687	39.66	88.01	153.61	3681

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	2303.7	2278.7	2637	2688	39.58	87.84	153.33	3501
1730.00	2307.3	2282.3	2639	2690	39.50	87.66	153.02	3680
1732.00	2311.2	2286.2	2640	2691	39.40	87.46	152.68	3838
1734.00	2314.9	2289.9	2641	2693	39.32	87.28	152.37	3685
1736.00	2318.5	2293.5	2642	2694	39.24	87.10	152.07	3668
1738.00	2322.1	2297.1	2643	2695	39.16	86.93	151.78	3575
1740.00	2325.2	2300.2	2644	2696	39.10	86.80	151.57	3083
1742.00	2327.5	2302.5	2643	2695	39.07	86.74	151.46	2267
1744.00	2331.1	2306.1	2645	2697	38.99	86.57	151.17	3598
1746.00	2334.7	2309.7	2646	2698	38.91	86.39	150.87	3658
1748.00	2338.4	2313.4	2647	2699	38.83	86.22	150.57	3655
1750.00	2342.0	2317.0	2648	2700	38.75	86.05	150.28	3627
1752.00	2345.6	2320.6	2649	2702	38.68	85.88	149.99	3619
1754.00	2348.5	2323.5	2649	2702	38.63	85.77	149.81	2893
1756.00	2351.9	2326.9	2650	2703	38.56	85.62	149.56	3370
1758.00	2355.4	2330.4	2651	2704	38.49	85.47	149.30	3470
1760.00	2359.0	2334.0	2652	2705	38.41	85.30	149.01	3643
1762.00	2362.8	2337.8	2654	2706	38.33	85.12	148.70	3790
1764.00	2365.4	2340.4	2654	2706	38.29	85.03	148.55	2602
1766.00	2367.8	2342.8	2653	2706	38.25	84.96	148.43	2422
1768.00	2371.5	2346.5	2654	2707	38.17	84.79	148.14	3660
1770.00	2375.1	2350.1	2655	2708	38.10	84.62	147.86	3642
1772.00	2378.8	2353.8	2657	2710	38.02	84.45	147.57	3639
1774.00	2382.5	2357.5	2658	2711	37.94	84.28	147.28	3729

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	2386.2	2361.2	2659	2712	37.86	84.11	146.98	3750
1778.00	2389.6	2364.6	2660	2713	37.80	83.96	146.74	3379
1780.00	2392.8	2367.8	2660	2714	37.74	83.84	146.53	3172
1782.00	2395.3	2370.3	2660	2714	37.71	83.77	146.40	2486
1784.00	2398.6	2373.6	2661	2714	37.64	83.63	146.17	3332
1786.00	2402.0	2377.0	2662	2715	37.58	83.49	145.93	3372
1788.00	2405.3	2380.3	2663	2716	37.51	83.35	145.70	3376
1790.00	2409.4	2384.4	2664	2718	37.42	83.15	145.36	4041
1792.00	2413.0	2388.0	2665	2719	37.35	83.00	145.09	3594
1794.00	2416.5	2391.5	2666	2720	37.28	82.84	144.83	3529
1796.00	2420.2	2395.2	2667	2721	37.21	82.69	144.56	3646
1798.00	2423.6	2398.6	2668	2722	37.14	82.54	144.32	3464
1800.00	2427.3	2402.3	2669	2723	37.07	82.38	144.03	3717
1802.00	2430.8	2405.8	2670	2724	37.00	82.23	143.79	3484
1804.00	2434.4	2409.4	2671	2726	36.93	82.08	143.53	3601
1806.00	2438.2	2413.2	2672	2727	36.85	81.91	143.24	3779
1808.00	2441.3	2416.3	2673	2727	36.80	81.79	143.04	3139
1810.00	2445.3	2420.3	2674	2729	36.72	81.61	142.74	3912
1812.00	2449.2	2424.2	2676	2731	36.64	81.44	142.43	3912
1814.00	2453.4	2428.4	2677	2733	36.54	81.23	142.08	4205
1816.00	2457.2	2432.2	2679	2734	36.46	81.06	141.78	3876
1818.00	2460.8	2435.8	2680	2735	36.39	80.91	141.53	3592
1820.00	2464.3	2439.3	2681	2736	36.33	80.77	141.29	3491
1822.00	2467.2	2442.2	2681	2736	36.29	80.68	141.13	2833

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	2470.3	2445.3	2681	2737	36.24	80.57	140.95	3112
1826.00	2474.3	2449.3	2683	2738	36.16	80.39	140.64	3979
1828.00	2477.8	2452.8	2684	2739	36.09	80.25	140.40	3505
1830.00	2480.8	2455.8	2684	2740	36.04	80.14	140.22	3076
1832.00	2484.2	2459.2	2685	2741	35.98	80.01	140.00	3401
1834.00	2488.2	2463.2	2686	2742	35.90	79.83	139.69	3968
1836.00	2492.1	2467.1	2688	2744	35.82	79.66	139.40	3928
1838.00	2496.2	2471.2	2689	2746	35.74	79.47	139.08	4103
1840.00	2500.0	2475.0	2690	2747	35.66	79.31	138.80	3794
1842.00	2502.7	2477.7	2690	2747	35.63	79.23	138.67	2679
1844.00	2505.0	2480.0	2690	2746	35.60	79.18	138.58	2250
1846.00	2507.3	2482.3	2689	2746	35.58	79.12	138.48	2327
1848.00	2509.8	2484.8	2689	2746	35.54	79.05	138.37	2475
1850.00	2512.7	2487.7	2689	2746	35.50	78.96	138.21	2921
1852.00	2516.3	2491.3	2690	2747	35.44	78.82	137.96	3659
1854.00	2519.1	2494.1	2691	2747	35.40	78.73	137.82	2793
1856.00	2521.9	2496.9	2691	2747	35.36	78.65	137.68	2741
1858.00	2525.4	2500.4	2691	2748	35.30	78.52	137.45	3504
1860.00	2528.7	2503.7	2692	2749	35.25	78.40	137.25	3273
1862.00	2533.1	2508.1	2694	2751	35.15	78.18	136.88	4479
1864.00	2536.9	2511.9	2695	2752	35.08	78.03	136.62	3753
1866.00	2540.7	2515.7	2696	2754	35.01	77.88	136.35	3820
1868.00	2544.4	2519.4	2697	2755	34.94	77.73	136.10	3720
1870.00	2548.1	2523.1	2698	2756	34.87	77.59	135.86	3671

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
1872.00	2551.3	2526.3	2699	2757	34.82	77.48	135.68	3183
1874.00	2553.9	2528.9	2699	2757	34.79	77.41	135.55	2626
1876.00	2556.7	2531.7	2699	2757	34.75	77.33	135.42	2774
1878.00	2559.8	2534.8	2699	2757	34.71	77.23	135.25	3097
1880.00	2563.1	2538.1	2700	2758	34.66	77.11	135.05	3304
1882.00	2566.2	2541.2	2701	2758	34.61	77.01	134.87	3156
1884.00	2569.5	2544.5	2701	2759	34.56	76.90	134.68	3291
1886.00	2572.9	2547.9	2702	2759	34.50	76.78	134.48	3339
1888.00	2576.0	2551.0	2702	2760	34.46	76.68	134.31	3169
1890.00	2579.6	2554.6	2703	2761	34.40	76.54	134.08	3600
1892.00	2583.3	2558.3	2704	2762	34.33	76.40	133.84	3690
1894.00	2587.3	2562.3	2706	2764	34.26	76.24	133.55	4022
1896.00	2591.0	2566.0	2707	2765	34.20	76.11	133.33	3614
1898.00	2593.4	2568.4	2706	2764	34.17	76.05	133.23	2407
1900.00	2596.3	2571.3	2707	2764	34.13	75.96	133.08	2975
1902.00	2600.3	2575.3	2708	2766	34.05	75.80	132.80	3955
1904.00	2603.9	2578.9	2709	2767	34.00	75.67	132.58	3580
1906.00	2607.6	2582.6	2710	2768	33.93	75.53	132.34	3720
1908.00	2611.3	2586.3	2711	2769	33.87	75.39	132.10	3738
1910.00	2615.3	2590.3	2712	2771	33.80	75.23	131.83	3988
1912.00	2619.2	2594.2	2714	2772	33.73	75.09	131.58	3831
1914.00	2623.0	2598.0	2715	2774	33.66	74.94	131.33	3834
1916.00	2626.2	2601.2	2715	2774	33.62	74.84	131.15	3249
1918.00	2630.1	2605.1	2716	2775	33.55	74.69	130.90	3837

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	2634.0	2609.0	2718	2777	33.48	74.54	130.64	3933
1922.00	2638.0	2613.0	2719	2778	33.41	74.38	130.37	3999
1924.00	2642.0	2617.0	2720	2780	33.34	74.23	130.11	3970
1926.00	2645.6	2620.6	2721	2781	33.28	74.10	129.89	3620
1928.00	2649.2	2624.2	2722	2782	33.22	73.98	129.68	3599
1930.00	2653.0	2628.0	2723	2783	33.16	73.84	129.44	3772
1932.00	2656.6	2631.6	2724	2784	33.10	73.72	129.23	3611
1934.00	2660.3	2635.3	2725	2785	33.05	73.59	129.01	3687
1936.00	2664.2	2639.2	2726	2787	32.98	73.44	128.75	3949
1938.00	2668.0	2643.0	2728	2788	32.91	73.30	128.51	3826
1940.00	2671.9	2646.9	2729	2789	32.85	73.16	128.27	3908
1942.00	2675.8	2650.8	2730	2791	32.79	73.02	128.03	3827
1944.00	2679.4	2654.4	2731	2792	32.73	72.89	127.81	3662
1946.00	2682.6	2657.6	2731	2792	32.69	72.80	127.66	3128
1948.00	2686.0	2661.0	2732	2793	32.64	72.69	127.47	3452
1950.00	2689.8	2664.8	2733	2794	32.58	72.56	127.24	3764
1952.00	2693.1	2668.1	2734	2795	32.53	72.46	127.07	3347
1954.00	2696.8	2671.8	2735	2796	32.47	72.33	126.86	3629
1956.00	2700.5	2675.5	2736	2797	32.42	72.21	126.64	3722
1958.00	2704.0	2679.0	2737	2797	32.36	72.09	126.44	3553
1960.00	2707.6	2682.6	2737	2798	32.31	71.97	126.24	3609
1962.00	2711.5	2686.5	2739	2800	32.25	71.83	126.00	3896
1964.00	2715.5	2690.5	2740	2801	32.18	71.69	125.75	3961
1966.00	2719.1	2694.1	2741	2802	32.13	71.58	125.55	3577

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	2722.8	2697.8	2742	2803	32.07	71.45	125.34	3752
1970.00	2726.2	2701.2	2742	2804	32.02	71.35	125.16	3401
1972.00	2729.9	2704.9	2743	2805	31.97	71.23	124.95	3640
1974.00	2733.4	2708.4	2744	2806	31.92	71.11	124.76	3575
1976.00	2737.2	2712.2	2745	2807	31.86	70.99	124.54	3782
1978.00	2741.0	2716.0	2746	2808	31.80	70.86	124.32	3776
1980.00	2744.8	2719.8	2747	2809	31.74	70.73	124.10	3840
1982.00	2748.8	2723.8	2749	2811	31.68	70.59	123.86	3962
1984.00	2752.8	2727.8	2750	2812	31.62	70.45	123.62	4017

PE906501

This is an enclosure indicator page.
The enclosure PE906501 is enclosed within the container PE906500 at this location in this document.

The enclosure PE906501 has the following characteristics:

ITEM_BARCODE	= PE906501
CONTAINER_BARCODE	= PE906500
NAME	= Stacked Data Seismic Profile
BASIN	= GIPPSLAND
PERMIT	= VIC/L3
TYPE	= WELL
SUBTYPE	= VELOCITY_CHART
DESCRIPTION	= Stacked Data Vertical Seismic Profile, Turrum-5
REMARKS	=
DATE_CREATED	= 26/09/95
DATE_RECEIVED	= 7/03/96
W_NO	= W1145
WELL_NAME	= TURRUM-5
CONTRACTOR	= SCHLUMBERGER
CLIENT_OP_CO	= ESSO AUSTRALIA LIMITED

(Inserted by DNRE - Vic Govt Mines Dept)

PE906502

This is an enclosure indicator page.
The enclosure PE906502 is enclosed within the container PE906500 at this location in this document.

The enclosure PE906502 has the following characteristics:

ITEM_BARCODE	= PE906502
CONTAINER_BARCODE	= PE906500
NAME	= Amplitude Recovery Seismic Profile
BASIN	= GIPPSLAND
PERMIT	= VIC/L3
TYPE	= WELL
SUBTYPE	= VELOCITY_CHART
DESCRIPTION	= Amplitude Recovery Vertical Seismic Profile, Turrum-5
REMARKS	=
DATE_CREATED	= 26/09/95
DATE_RECEIVED	= 7/03/96
W_NO	= W1145
WELL_NAME	= TURRUM-5
CONTRACTOR	= SCHLUMBERGER
CLIENT_OP_CO	= ESSO AUSTRALIA LIMITED

(Inserted by DNRE - Vic Govt Mines Dept)

PE906503

This is an enclosure indicator page.
The enclosure PE906503 is enclosed within the container PE906500 at this location in this document.

The enclosure PE906503 has the following characteristics:

ITEM_BARCODE	= PE906503
CONTAINER_BARCODE	= PE906500
NAME	= Velocity Filtering Seismic Profile
BASIN	= GIPPSLAND
PERMIT	= VIC/L3
TYPE	= WELL
SUBTYPE	= VELOCITY_CHART
DESCRIPTION	= Velocity Filtering Vertical Seismic Profile, Turrum-5
REMARKS	=
DATE_CREATED	= 26/09/95
DATE_RECEIVED	= 7/03/96
W_NO	= W1145
WELL_NAME	= TURRUM-5
CONTRACTOR	= SCHLUMBERGER
CLIENT_OP_CO	= ESSO AUSTRALIA LIMITED

(Inserted by DNRE - Vic Govt Mines Dept)

PE906504

This is an enclosure indicator page.
The enclosure PE906504 is enclosed within the container PE906500 at this location in this document.

The enclosure PE906504 has the following characteristics:

ITEM_BARCODE	= PE906504
CONTAINER_BARCODE	= PE906500
NAME	= Waveshaping Deconvolution Profile
BASIN	= GIPPSLAND
PERMIT	= VIC/L3
TYPE	= WELL
SUBTYPE	= VELOCITY_CHART
DESCRIPTION	= Waveshaping Deconvolution Vertical Seismic Profile, Turrum-5
REMARKS	=
DATE_CREATED	= 26/09/95
DATE_RECEIVED	= 7/03/96
W_NO	= W1145
WELL_NAME	= TURRUM-5
CONTRACTOR	= SCHLUMBERGER
CLIENT_OP_CO	= ESSO AUSTRALIA LIMITED

(Inserted by DNRE - Vic Govt Mines Dept)

PE906505

This is an enclosure indicator page.
The enclosure PE906505 is enclosed within the container PE906500 at this location in this document.

The enclosure PE906505 has the following characteristics:

ITEM_BARCODE	= PE906505
CONTAINER_BARCODE	= PE906500
NAME	= Corridor Stack Seismic Profile
BASIN	= GIPPSLAND
PERMIT	= VIC/L3
TYPE	= WELL
SUBTYPE	= VELOCITY_CHART
DESCRIPTION	= Corridor Stack Vertical Seismic Profile, Turrum-5
REMARKS	=
DATE_CREATED	= 26/09/95
DATE_RECEIVED	= 7/03/96
W_NO	= W1145
WELL_NAME	= TURRUM-5
CONTRACTOR	= SCHLUMBERGER
CLIENT_OP_CO	= ESSO AUSTRALIA LIMITED

(Inserted by DNRE - Vic Govt Mines Dept)

PE906506

This is an enclosure indicator page.
The enclosure PE906506 is enclosed within the container PE906500 at this location in this document.

The enclosure PE906506 has the following characteristics:

ITEM_BARCODE	= PE906506
CONTAINER_BARCODE	= PE906500
NAME	= VSP and Geogram Profile- Normal
BASIN	= GIPPSLAND
PERMIT	= VIC/L3
TYPE	= WELL
SUBTYPE	= VELOCITY_CHART
DESCRIPTION	= VSP and Geogram Composite Vertical Seismic Profile, Normal Polarity, Turrum-5
REMARKS	=
DATE_CREATED	= 26/09/95
DATE_RECEIVED	= 7/03/96
W_NO	= W1145
WELL_NAME	= TURRUM-5
CONTRACTOR	= SCHLUMBERGER
CLIENT_OP_CO	= ESSO AUSTRALIA LIMITED

(Inserted by DNRE - Vic Govt Mines Dept)

PE906507

This is an enclosure indicator page.
The enclosure PE906507 is enclosed within the container PE906500 at this location in this document.

The enclosure PE906507 has the following characteristics:

ITEM_BARCODE	= PE906507
CONTAINER_BARCODE	= PE906500
NAME	= VSP and Geogram Composite- Reverse
BASIN	= GIPPSLAND
PERMIT	= VIC/L3
TYPE	= WELL
SUBTYPE	= VELOCITY_CHART
DESCRIPTION	= VSP and Geogram Composite Vertical Seismic Profile, Reverse Polarity, Turrum-5
REMARKS	=
DATE_CREATED	= 26/09/95
DATE_RECEIVED	= 7/03/96
W_NO	= W1145
WELL_NAME	= TURRUM-5
CONTRACTOR	= SCHLUMBERGER
CLIENT_OP_CO	= ESSO AUSTRALIA LIMITED

(Inserted by DNRE - Vic Govt Mines Dept)

PE604591

This is an enclosure indicator page.
The enclosure PE604591 is enclosed within the container PE906500 at this location in this document.

The enclosure PE604591 has the following characteristics:

ITEM_BARCODE	= PE604591
CONTAINER_BARCODE	= PE906500
NAME	= Synthetic Seismogram 25 Hz
BASIN	= GIPPSLAND
PERMIT	= VIC/L3
TYPE	= WELL
SUBTYPE	= SYNTH_SEISMOGRAPH
DESCRIPTION	= Synthetic Seismogram, 25Hz, Turrum-5
REMARKS	=
DATE_CREATED	= 26/09/95
DATE_RECEIVED	= 7/03/96
W_NO	= W1145
WELL_NAME	= TURRUM-5
CONTRACTOR	= SCHLUMBERGER
CLIENT_OP_CO	= ESSO AUSTRALIA LIMITED

(Inserted by DNRE - Vic Govt Mines Dept)

PE604592

This is an enclosure indicator page.
The enclosure PE604592 is enclosed within the container PE906500 at this location in this document.

The enclosure PE604592 has the following characteristics:

ITEM_BARCODE	= PE604592
CONTAINER_BARCODE	= PE906500
NAME	= Synthetic Seismogram 35 Hz
BASIN	= GIPPSLAND
PERMIT	= VIC/L3
TYPE	= WELL
SUBTYPE	= SYNTH_SEISMOGRAPH
DESCRIPTION	= Synthetic Seismogram, 35Hz, Turrum-5
REMARKS	=
DATE_CREATED	= 26/09/95
DATE_RECEIVED	= 7/03/96
W_NO	= W1145
WELL_NAME	= TURRUM-5
CONTRACTOR	= SCHLUMBERGER
CLIENT_OP_CO	= ESSO AUSTRALIA LIMITED

(Inserted by DNRE - Vic Govt Mines Dept)

PE604593

This is an enclosure indicator page.
The enclosure PE604593 is enclosed within the container PE906500 at this location in this document.

The enclosure PE604593 has the following characteristics:

ITEM_BARCODE	= PE604593
CONTAINER_BARCODE	= PE906500
NAME	= Synthetic Seismogram 45 Hz
BASIN	= GIPPSLAND
PERMIT	= VIC/L3
TYPE	= WELL
SUBTYPE	= SYNTH_SEISMOGRAPH
DESCRIPTION	= Synthetic Seismogram, 45Hz, Turrum-5
REMARKS	=
DATE_CREATED	= 26/09/95
DATE_RECEIVED	= 7/03/96
W_NO	= W1145
WELL_NAME	= TURRUM-5
CONTRACTOR	= SCHLUMBERGER
CLIENT_OP_CO	= ESSO AUSTRALIA LIMITED

(Inserted by DNRE - Vic Govt Mines Dept)

PE604594

This is an enclosure indicator page.
The enclosure PE604594 is enclosed within the container PE906500 at this location in this document.

The enclosure PE604594 has the following characteristics:

ITEM_BARCODE	= PE604594
CONTAINER_BARCODE	= PE906500
NAME	= Drift Corrected Sonic Log
BASIN	= GIPPSLAND
PERMIT	= VIC/L3
TYPE	= WELL
SUBTYPE	= WELL_LOG
DESCRIPTION	= Drift Corrected Sonic for Turrum-5
REMARKS	=
DATE_CREATED	= 26/09/95
DATE_RECEIVED	= 7/03/96
W_NO	= W1145
WELL_NAME	= TURRUM-5
CONTRACTOR	= SCHLUMBERGER
CLIENT_OP_CO	= ESSO AUSTRALIA LIMITED

(Inserted by DNRE - Vic Govt Mines Dept)

PE604595

This is an enclosure indicator page.
The enclosure PE604595 is enclosed within the container PE906500 at this location in this document.

The enclosure PE604595 has the following characteristics:

ITEM_BARCODE	= PE604595
CONTAINER_BARCODE	= PE906500
NAME	= Seismic Calibration Log
BASIN	= GIPPSLAND
PERMIT	= VIC/L3
TYPE	= WELL
SUBTYPE	= VELOCITY _CHART
DESCRIPTION	= Seismic Calibration Log for Turrum-5
REMARKS	=
DATE_CREATED	= 26/09/95
DATE_RECEIVED	= 7/03/96
W_NO	= W1145
WELL_NAME	= TURRUM-5
CONTRACTOR	= SCHLUMBERGER
CLIENT_OP_CO	= ESSO AUSTRALIA LIMITED

(Inserted by DNRE - Vic Govt Mines Dept)