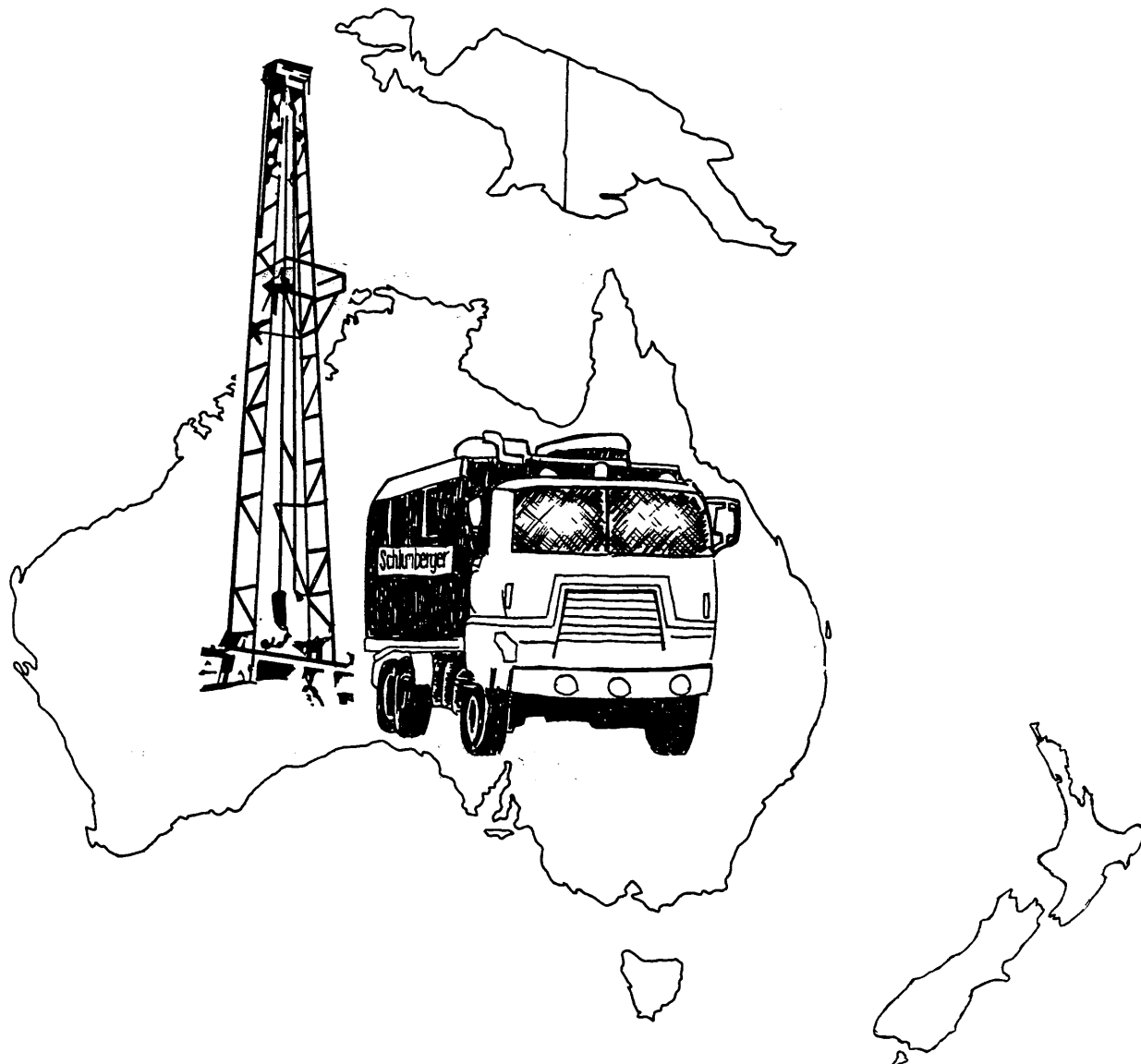
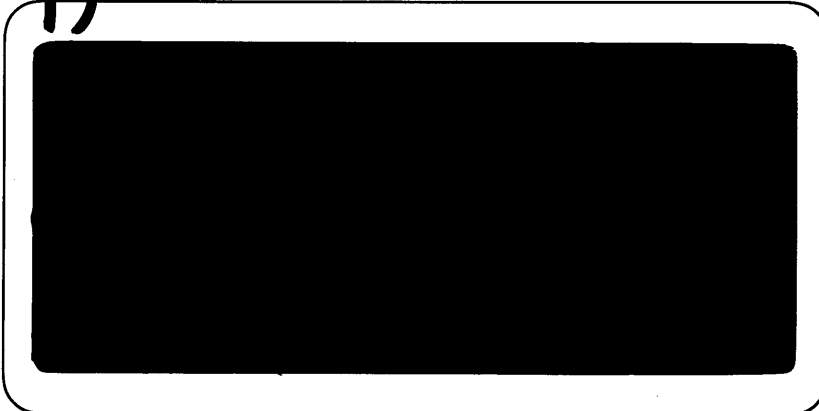


**VELOCITY SURVEY  
ATTACHMENT TO WCR  
CONGER-1  
(W989)**

DEPT. NAT. RES & ENV



PE904826



**Schlumberger**

Schlumberger

PETROLEUM DIVISION  
ESSO AUSTRALIA LTD

SONIC CALIBRATION  
AND GEOGRAM  
PROCESSING REPORT  
VELOCITY SURVEY REPORT  
CONGER #1 1 SEP 1989

FIELD : WILDCAT

STATE : VICTORIA

COUNTRY : AUSTRALIA

COORDINATES : 038° 21' 27.21" S  
148° 03' 46.59" E

DATE OF SURVEY : 15 MARCH 89

REFERENCE NO. : SYJ-56326

# Contents

<b>1. Introduction</b>	<b>1</b>
<b>2. Data Acquisition</b>	<b>1</b>
<b>3. Sonic Calibration Processing</b>	<b>2</b>
3.1 Sonic Calibration . . . . .	2
3.2 Checkshot Data . . . . .	3
3.3 Correction to Datum . . . . .	3
3.4 Open Hole Logs . . . . .	3
3.5 Sonic Calibration Results . . . . .	3
<b>4. Synthetic Seismogram Processing</b>	<b>4</b>
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
4.6 Wavelet . . . . .	5
4.7 Polarity Convention . . . . .	5
4.8 Convolution . . . . .	5
<b>A Summary of Geophysical Listings</b>	<b>6</b>
A1 Geophysical Airgun Report . . . . .	6
A2 Drift Computation Report . . . . .	6
A3 Sonic Adjustment Parameter Report . . . . .	7
A4 Velocity Report . . . . .	7
A5 Time Converted Velocity Report . . . . .	8

## List of Tables

1	Survey Parameters . . . . .	1
2	Sonic Drift . . . . .	3

## List of Figures

- 1 Wavelet Polarity Convention .....
- 2 Stacked Checkshot Data .....

### Enclosures

- 1) Synthetic Seismogram
- 2) Seismic Calibration Log
- 3) Drift Corrected Sonic

## 1. Introduction

A checkshot survey was shot in the Conger #1 well on 15 March 1989. Data was acquired using an airgun source located 40 meters from the wellhead. Fourteen levels were shot from 2969 meters to 210 meters below KB. All levels were used in the sonic calibration processing.

## 2. Data Acquisition

The data was acquired using the well seismic tool (WST). Recording was made on the Schlumberger Cyber Service Unit (CSU) using LIS format at a tape density of 800 BPI.

A hydrophone that was connected with the radio offset shooting equipment was recorded at two levels to establish the exact delay time inherent in this equipment.

Table 1: Survey Parameters

Datum	AMSL
Elevation KB	21.0 meters AMSL
Elevation DF	20.7 meters AMSL
Elevation GL	65 meters below AMSL
Total Depth	2969 meters below KB
Energy Source	Airgun
Source Offset	40 meters
Source Depth	9.1 meters
Reference Sensor	Hydrophone & Accelerometer
Downhole Geophone	Geospace HS-1 High Temp. (350° F) Coil Resist. 225Ω ±10 % Natural Freq. 8-12 hertz Sensitivity 0.45 V/in/sec Maximum tilt angle 60°

### 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.

For a negative drift  $\frac{\Delta drift}{\Delta depth} < 0$ , 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  $\mu sec/ft$ .
2.  **$\Delta T$  Minimum** In the case of negative drift a second method is used, called  $\Delta t$  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  $\Delta t$  values which are higher than a threshold, the  $\Delta t_{min}$ . Values of  $\Delta t$  which are lower than the threshold are not corrected. The correction is a reduction of the excess of  $\Delta t$  over  $\Delta t_{min}$ ,  $\Delta t - \Delta t_{min}$ .

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

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

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  $\Delta t$  and  $\Delta t_{min}$ , 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 Checkshot Data

The accelerometer on the airgun is used as the zero time reference. Checkshot data quality is good and is displayed in Figure 2.

### 3.3 Correction to Datum

The corrected sonic log is referenced to seismic datum at MSL. All transit times have been corrected to datum by assuming a water velocity of 1480 metres/sec.

### 3.4 Open Hole Logs

The sonic log was recorded from 2969 meters to 210 meters below KB. Minor zones of cycle skipping have been removed. The density log was recorded from 2969 meters to 810 meters and is extrapolated to the surface at a constant density of 2.35 gm/cc .

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

### 3.5 Sonic Calibration Results

The top of the sonic log (210 meters below KB) is chosen as the origin for the calibration drift curve.

The drift curve indicates a number of corrections to be made to 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 (meters below KB )	Block Shift $\mu\text{sec}/\text{ft}$	$\Delta t_{min}$ $\mu\text{sec}/\text{ft}$	Equiv Block Shift $\mu\text{sec}/\text{ft}$
210-1168	2.86	-	2.86
1168-2969	3.38	-	3.38

## 4. Synthetic Seismogram Processing

GEOGRAM plots were generated using zero phase and minimum phase Ricker wavelets ( 25 Hz and 35 Hz ).

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

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

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

### 4.1 Depth to Time Conversion

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

### 4.2 Primary Reflection Coefficients

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

$$R = \frac{\rho_2 \cdot \nu_2 - \rho_1 \cdot \nu_1}{\rho_2 \cdot \nu_2 + \rho_1 \cdot \nu_1}$$

where:

- $\rho_1$  = density of the layer above the reflection interface
- $\rho_2$  = density of the layer below the reflection interface
- $\nu_1$  = compressional wave velocity of the layer above the reflection interface
- $\nu_2$  = compressional wave velocity of the layer below the reflection interface

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



### 4.3 Primaries with Transmission Loss

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

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

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

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

### 4.4 Primaries plus Multiples

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

### 4.5 Multiples Only

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

### 4.6 Wavelet

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

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

Time variant Butterworth filtering can be applied after convolution.

### 4.7 Polarity Convention

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

### 4.8 Convolution

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

# 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 meters from kelly bushing .
3. Vertical depth from SRD :  $dsrd$ , the depth in meters from seismic reference datum.
4. Vertical depth from GL :  $dgl$ , the depth in meters from ground level.
5. Observed travel time HYD to GEO :  $tim0$ , the transit time picked from the stacked data by subtracting the surface sensor first break time from the downhole sensor first break time.
6. Vertical travel time SRC to GEO :  $timv$ , is corrected for source to hydrophone distance and for source offset.
7. Vertical travel time SRD to GEO :  $shtm$ , is  $timv$  corrected for the vertical distance between source and datum.
8. Average velocity SRD to GEO : the average seismic velocity from datum to the corresponding checkshot level,  $\frac{dsrd}{shtm}$ .
9. Delta depth between shots :  $\Delta depth$ , the vertical distance between each level.
10. Delta time between shots :  $\Delta time$ , the difference in vertical travel time ( $shtm$ ) between each level.
11. 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 meters from kelly bushing .
3. Vertical depth from SRD : the depth in meters from seismic reference datum.
4. Vertical depth from GL : the depth in meters from ground level.
5. Vertical travel time SRD to GEO : the calculated vertical travel time from datum to downhole geophone (see column 7, Geophysical Airgun Report).

6. 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.
7. Computed drift at level : the checkshot time minus the integrated raw sonic time.
8. Computed blk-shft correction : the drift gradient between any two checkshot levels ( $\frac{\Delta drift}{\Delta depth}$ ).

### 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 meters from kelly bushing .
3. Vertical depth from SRD : the depth in meters from seismic reference datum.
4. Vertical depth from GL : the depth in meters from ground level.
5. Drift at knee : the value of drift imposed at each knee.
6. Blockshift used : the change in drift divided by the change in depth between any two levels.
7. Delta-T minimum used : see section 4 of report for an explanation of  $\Delta t_{min}$ .
8. Reduction factor : see section 4 of report.
9. 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 meters from kelly bushing .
3. Vertical depth from SRD : the depth in meters from seismic reference datum
4. Vertical depth from GL : the depth in meters from ground level
5. Vertical travel time SRD to GEOPH : the vertical travel time from SRD to downhole geophone (see column 7, Geophysical Airgun Report)
6. Integrated adjusted sonic time : the adjusted sonic log is integrated from top to bottom. An initial value at the the top of the sonic is set equal the checkshot time at that level. (The adjusted sonic log is the drift corrected sonic log.)

7. Drift=shot time-raw sonic : the check shot time minus the raw integrated sonic time.
8. 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.
9. 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.

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

where  $v_i$  is the velocity between each 2 millisecs interval.

6. First normal moveout : the correction time in millisecs to be applied to the two way travel time for a specified moveout distance (default = 3000 feet).

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

where:

$$\begin{aligned} \Delta t &= \text{normal moveout (secs)} \\ X &= \text{moveout distance (meters )} \\ t &= \text{two way time (secs)} \\ v_{rms} &= \text{rms velocity (meters /sec)} \end{aligned}$$

7. Second normal moveout : the correction time in millisecs to be applied to the two way travel time for a specified moveout distance (default = 4500 feet).
8. Third normal moveout : the correction time in millisecs to be applied to the two way travel time for a specified moveout distance (default = 6000 feet).

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 0.001. It is equivalent to column 9 from the the Velocity Report.

# SCHLUMBERGER (SEG-1976) WAVELET POLARITY CONVENTION

Figure 1

- MINIMUM PHASE RICKER  
REVERSE POLARITY
- MINIMUM PHASE RICKER  
NORMAL POLARITY
- ZERO PHASE RICKER  
REVERSE POLARITY
- ZERO PHASE RICKER  
NORMAL POLARITY
- REFLECTION COEFF
- INTERVAL VELOCITY

0.3000  
-0.3000  
5000.00  
M/S  
1000.00

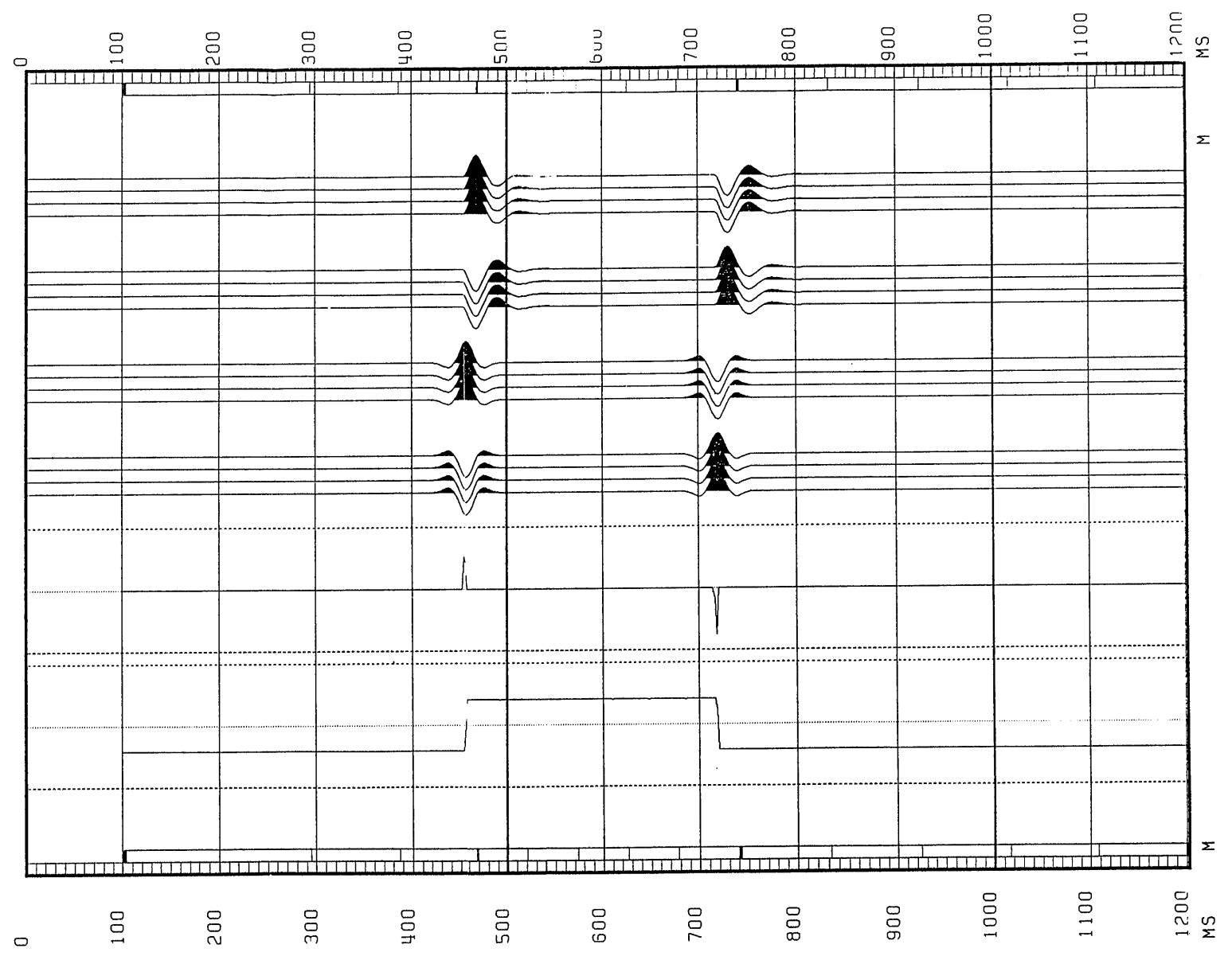
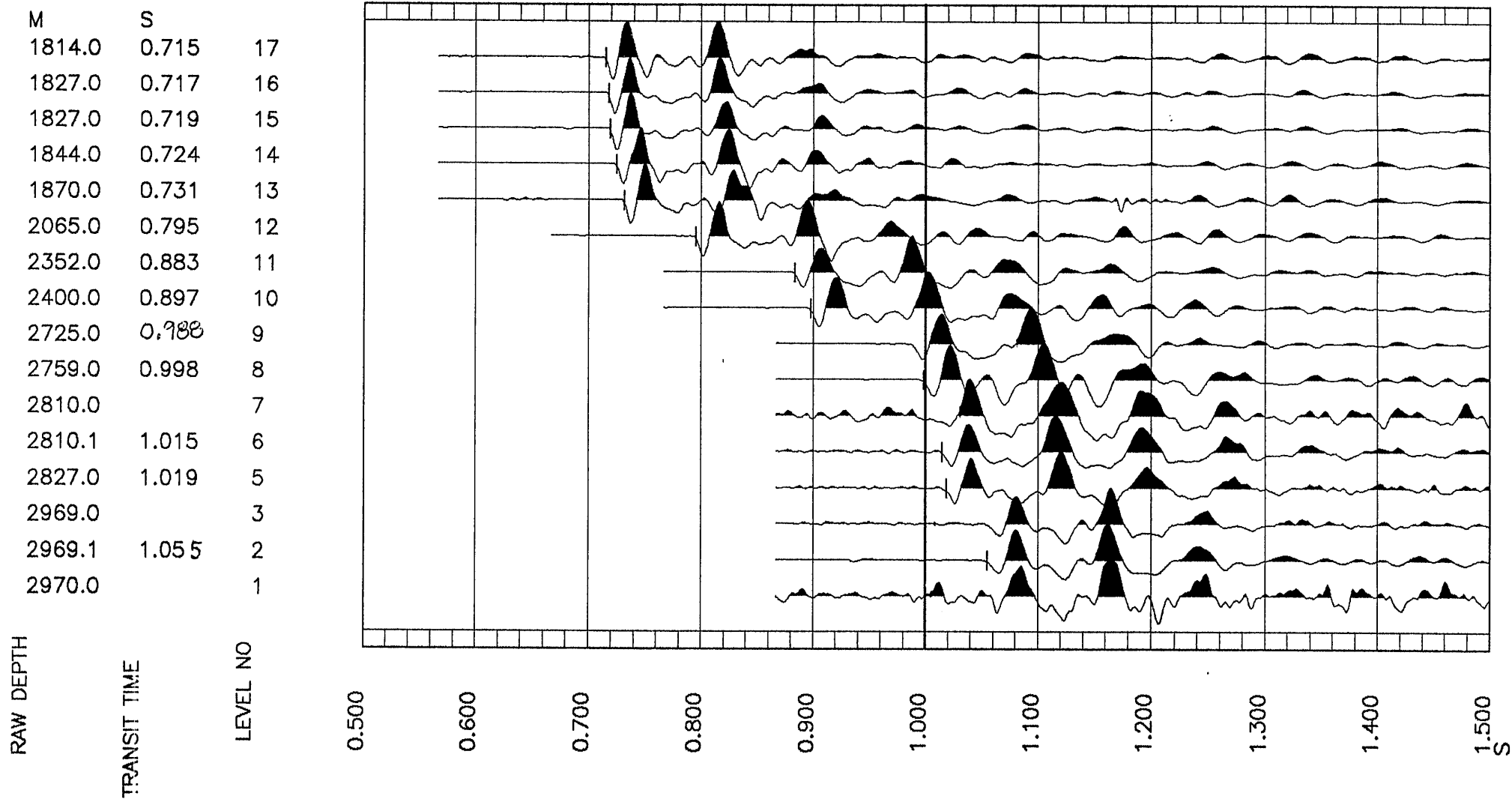


Figure 2

### CONGER #1 STACKED CHECKSHOT DATA







ANALYST: M. SANDERS

5-APR-89 10:16:09

PROGRAM: GSHOT 007.E08

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

GEOPHYSICAL AIRGUN REPORT

COMPANY : ESSO AUSTRALIA LTD  
WELL : CONGER - 1  
FIELD : WILDCAT  
COUNTRY : AUSTRALIA  
REFERENCE: SYJ-56326

## LONG DEFINITIONS

## GLOBAL

KB - ELEVATION OF THE KELLY-BUSHING ABOVE MSL OR MWL  
 SRD - ELEVATION OF THE SEISMIC REFERENCE DATUM ABOVE MSL OR MWL  
 EKE - ELEVATION OF KELLY BUSHING  
 GL - ELEVATION OF USER'S REFERENCE (GENERALLY GROUND LEVEL) ABOVE SRD  
 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  
 DEWVWEL - DEVIATED WELL DATA PER SHOT : MEAS. DEPTH, VERT. DEPTH, EW, NS

## SAMPLED

SHOT.GSH - SHOT NUMBER  
 DKE.GSH - MEASURED DEPTH FROM KELLY-BUSHING  
 DSRD.GSH - DEPTH FROM SRD  
 DGL.GSH - VERTICAL DEPTH RELATIVE TO GROUND LEVEL (USER'S REFERENCE)  
 TIMO.GSH - MEASURED TRAVEL TIME FROM HYDROPHONE TO GEOPHONE  
 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	:	21.0000	M
ELEV OF SRD AB. MSL (WST)	SRD	:	0	M
ELEVATION OF KELLY BUSHI	EKB	:	21.0000	M
ELEV OF GL AB. SRD (WST)	GL	:	-65.0000	M
VEL SOURCE-HYDRO (WST)	VELHYD	:	1480.00	M/S
VEL SOURCE-SRD (WST)	VELSUR	:	1480.00	M/S

## (MATRIX PARAMETERS)

	SOURCE ELV M	SOURCE EW M	SCURCE NS M	HYDRO ELEV M	HYDRO EW M	HYDRO NS M
1	-9.00	0	40.00	-14.00	0	40.00

	TRT HYD-SC MS	TRT SC-SRD MS
1	3.38	6.08

	MD @ KB M	VD @ KB M	VD @ SRD M	E-W COORD M	N-S COORD M
1	36.00	36.00	65.00	0	0
2	210.00	210.00	189.00	0	0
3	798.00	798.00	777.00	0	0
4	1814.00	1814.00	1793.00	0	0
5	1827.00	1827.00	1806.00	0	0
6	1844.00	1844.00	1823.00	0	0
7	1870.00	1870.00	1849.00	0	0
8	2065.00	2065.00	2044.00	0	0
9	2352.00	2352.00	2331.00	0	0
10	2400.00	2400.00	2379.00	0	0
11	2725.00	2725.00	2704.00	0	0
12	2759.00	2759.00	2738.00	0	0
13	2810.10	2810.10	2789.10	0	0
14	2827.00	2827.00	2806.00	0	0
15	2969.10	2969.10	2948.10	0	0

COMPANY : ESSO AUSTRALIA LTD

WELL : CONGER - 1

PAGE 3

LEVEL NUMBER	MEASUR DEPTH FROM KB M	VERTIC DEPTH FROM SRD M	VERTIC DEPTH FROM GL 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	86.00	65.00	0	43.10	37.82	43.90	1481			
2	210.00	189.00	124.00	105.00	105.80	111.88	1689	124.00	67.98	1824
3	798.00	777.00	712.00	334.45	337.37	343.45	2262	588.00	231.57	2539
4	1814.00	1793.00	1728.00	714.90	718.10	724.18	2476	1016.00	380.73	2669
5	1827.00	1806.00	1741.00	718.00	721.20	727.28	2483	13.00	3.10	4191
6	1844.00	1823.00	1758.00	724.48	727.68	733.76	2484	17.00	6.48	2623
7	1870.00	1849.00	1784.00	731.17	734.37	740.46	2497	26.00	6.69	3884
8	2065.00	2044.00	1979.00	794.95	798.17	804.26	2541	195.00	63.80	3056
9	2352.00	2331.00	2266.00	883.24	886.49	892.57	2612	287.00	88.31	3250
10	2400.00	2379.00	2314.00	897.46	900.71	906.79	2624	48.00	14.22	3375
11	2725.00	2704.00	2639.00	988.86	992.13	998.21	2709	325.00	91.42	3555
12	2759.00	2738.00	2673.00	998.16	1001.43	1007.51	2713	34.00	9.30	3655
13	2810.10	2789.10	2724.10	1014.52	1017.79	1023.87	2724	51.10	16.36	3123
14	2827.00	2806.00	2741.00	1018.51	1021.78	1027.87	2730	16.90	3.99	4235
15	2969.10	2948.10	2883.10	1055.00	1058.28	1064.36	2770	142.10	36.50	3894

ANALYST: M. SANDERS

5-APR-89 10:41:54

PROGRAM: GADJST 002.E08

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

SONIC ADJUSTMENT PARAMETER REPORT

COMPANY : ESSO AUSTRALIA LTD  
WELL : CONGER - 1  
FIELD : WILDCAT  
COUNTRY : AUSTRALIA  
REFERENCE: SYJ-56326

ANALYST: M. SANDERS

5-APR-89 10:41:54

PROGRAM: GADJST 008.E08

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

SONIC ADJUSTMENT PARAMETER REPORT

COMPANY : ESSO AUSTRALIA LTD  
WELL : CONGER - 1  
FIELD : WILDCAT  
COUNTRY : AUSTRALIA  
REFERENCE: SYJ-56326

LONG DEFINITIONS

GLOBAL

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

ZONE

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

SAMPLED

SHOT - SHOT NUMBER  
 VDKB - VERTICAL DEPTH RELATIVE TO KB  
 DSRD - DEPTH FROM SRD  
 DGL - VERTICAL DEPTH RELATIVE TO GROUND LEVEL (USER'S REFERENCE)  
 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	:	7.50000	US/F
UNIFORM EARTH VELOCITY	UNERTH	:	2133.60	M/S

(ZONED PARAMETERS)

(VALUE)

(LIMITS)

USER DRIFT ZONE (WST)	ZDRIFT	:	29.00000	MS	2969.10	-	1168.00
			9.000000		1168.00		210.000
			0		210.000		0
ADJUSMNT MODE (WST)	ADJOPZ	:	-999.2500		30479.7	-	0
USER DELTA-T MIN (WST)	ADJUSZ	:	-999.2500	US/F	30479.7	-	0
LAYER OPTION FLAG VELOC	LOFVEL	:	1.000000		30479.7	-	0
USER VELOC (WST)	LAYVEL	:	1824.000	M/S	210.000	-	86.0000
			1481.000		86.0000		0

COMPANY : ESSO AUSTRALIA LTD

WELL : CONGER - 1

PAGE 2

KNEE NUMBER	VERTICAL DEPTH FROM KB M	VERTICAL DEPTH FROM SRD M	VERTICAL DEPTH FROM GL M	DRIFT AT KNEE MS	BLOCKSHIFT USED US/F	DELTA-T MINIMUM USED US/F	REDUCTION FACTOR G	EQUIVALENT BLOCKSHIFT US/F
2	210.00	189.00	124.00	0	0			0
3	1168.00	1147.00	1032.00	9.00	2.86			2.86
4	2969.10	2948.10	2883.10	29.00	3.38			3.38



ANALYST: M. SANDERS

5-APR-89 10:42:15

PROGRAM: GADJST 008.E08

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

VELOCITY REPORT

COMPANY : ESSO AUSTRALIA LTD  
WELL : CONGER - 1  
FIELD : WILDCAT  
CCOUNTRY : AUSTRALIA  
REFERENCE: SYJ-56326

ANALYST: M. SANDERS

5-APR-89 10:42:15

PROGRAM: GADJUST 008.E08

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

VELOCITY REPORT

COMPANY : ESSO AUSTRALIA LTD  
WELL : CONGER - 1  
FIELD : WILDCAT  
COUNTRY : AUSTRALIA  
REFERENCE: SYJ-56326

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  
 GL - ELEVATION OF USER'S REFERENCE (GENERALLY GROUND LEVEL) ABOVE SRD  
 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  
 DKE - MEASURED DEPTH FROM KELLY-BUSHING  
 DSRD - DEPTH FROM SRD  
 DGL - VERTICAL DEPTH RELATIVE TO GROUND LEVEL (USER'S REFERENCE)  
 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	:	21.0000	M
ELEV OF SRD AB. MSL(WST)	SRD	:	0	M
ELEVATION OF KELLY BUSHI	EKB	:	21.0000	M
ELEV OF GL AB. SRD(WST)	GL	:	-65.0000	M
UNIFORM EARTH VELOCITY	UNERTH	:	2133.60	M/S

(ZONED PARAMETERS)

(VALUE)

(LIMITS)

LAYER OPTION FLAG VELOC	LOFVEL	:	1.000000		30479.7	-	0
USER VELOC (WST)	LAYVEL	:	1824.000	M/S	210.000	-	86.0000
			1481.000		86.0000		0

COMPANY : ESSO AUSTRALIA LTD

WELL : CONGER - 1

PAGE 4

LEVEL NUMBER	MEASURED DEPTH FROM KB M	VERTICAL DEPTH FROM SRD M	VERTICAL DEPTH FROM GL 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	86.00	65.00	0	43.90	43.90	0	0	1431
2	210.00	189.00	124.00	111.88	111.88	0	0	1324
3	798.00	777.00	712.00	343.45	344.58	4.39	-1.13	2527
4	1814.00	1793.00	1728.00	724.18	723.19	17.15	.99	2634
5	1827.00	1806.00	1741.00	727.28	727.51	16.09	-.22	3013
6	1844.00	1823.00	1758.00	733.76	732.51	17.75	1.25	3394
7	1870.00	1849.00	1784.00	740.46	740.58	16.66	-.12	3224
8	2065.00	2044.00	1979.00	804.26	805.10	18.11	-.85	3022
9	2352.00	2331.00	2266.00	892.57	892.48	22.23	.09	3235
10	2400.00	2379.00	2314.00	906.79	906.71	22.76	.09	3375
11	2725.00	2704.00	2639.00	998.21	997.81	26.68	.40	3567
12	2759.00	2738.00	2673.00	1007.51	1008.58	25.59	-1.07	3157
13	2810.10	2789.10	2724.10	1023.87	1022.68	28.42	1.19	3623
14	2827.00	2806.00	2741.00	1027.87	1028.17	27.11	-.30	3032
15	2968.90	2947.90	2882.90	1064.31	1064.59	28.71	-.28	3896
16	2969.10	2948.10	2883.10	1064.36	1064.63		-.27	5000



ANALYST: M. SANDERS

5-APR-89 10:29:29

PROGRAM: GDRIFT 007.E09

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

DRIFT COMPUTATION REPORT

COMPANY : ESSO AUSTRALIA LTD  
WELL : CONGER - 1  
FIELD : WILDCAT  
COUNTRY : AUSTRALIA  
REFERENCE: SYJ-56326

## 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  
 GL - ELEVATION OF USER'S REFERENCE (GENERALLY GROUND LEVEL) ABOVE SRD  
 XSTART - TOP OF ZONE PROCESSED BY WST  
 XSTOP - BOTTOM OF ZONE PROCESSED BY WST  
 GAD001 - RAW SONIC CHANNEL NAME USED FOR WST SONIC ADJUSTMENT  
 UNFDEN - UNIFORM DENSITY VALUE

## ZONE

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

## SAMPLED

SHOT - SHOT NUMBER  
 DKE - MEASURED DEPTH FROM KELLY-BUSHING  
 DSRD - DEPTH FROM SRD  
 DGL - VERTICAL DEPTH RELATIVE TO GROUND LEVEL (USER'S REFERENCE)  
 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	:	21.0000	M
ELEV OF SRD AB. MSL (WST)	SRD	:	0	M
ELEVATION OF KELLY BUSHI	EKB	:	21.0000	M
ELEV OF GL AB. SRD (WST)	GL	:	-65.0000	M
TOP OF ZONE PROCD (WST)	XSTART	:	0	M
BOT OF ZONE PROCD (WST)	XSTOP	:	0	M
RAW SONIC CH NAME (WST)	GAD001	:	DT.FLP.ATT.003.IPA.*	
UNIFORM DENSITY VALUE	UNFDEN	:	2.30000	G/C3

## (ZONED PARAMETERS)

## (VALUE)

## (LIMITS)

LAYER OPTION FLAG DENS	LOFDEN	:	1.000000	30479.7	-	0	
USER SUPPLIED DENSITY DA	LAYDEN	:	-999.2500	G/C3	30479.7	-	0

LEVEL NUMBER	MEASURED DEPTH FROM KB M	VERTICAL DEPTH FROM SRD M	VERTICAL DEPTH FROM GL M	VERTICAL TRAVEL TIME SRD/GEO MS	INTEGRATED RAW SONIC TIME MS	COMPUTED DRIFT AT LEVEL MS	COMPUTED BLK-SHFT CORRECTION US/F
1	86.00	65.00	0	43.90	43.90	0	0
2	210.00	189.00	124.00	111.88	111.88	0	0
3	798.00	777.00	712.00	343.45	339.07	4.39	2.27
4	1814.00	1793.00	1728.00	724.18	707.03	17.15	3.83
5	1827.00	1806.00	1741.00	727.28	711.20	16.09	-25.04
6	1844.00	1823.00	1758.00	733.76	716.02	17.75	29.75
7	1870.00	1849.00	1734.00	740.46	723.79	16.66	-12.66
8	2065.00	2044.00	1979.00	804.26	786.15	18.11	2.26
9	2352.00	2331.00	2266.00	892.57	870.34	22.23	4.38
10	2400.00	2379.00	2314.00	906.79	884.03	22.76	3.35
11	2725.00	2704.00	2639.00	998.21	971.53	26.68	3.68
12	2759.00	2738.00	2673.00	1007.51	981.92	25.59	-9.74
13	2810.10	2789.10	2724.10	1023.87	995.45	28.42	16.86
14	2827.00	2806.00	2741.00	1027.87	1000.75	27.11	-23.56
15	2968.90	2947.90	2882.90	1064.31	1035.60	28.71	3.43
16	2969.10	2948.10	2883.10	1064.36			



**TIME/DEPTH**

ANALYST: M. SANDERS

5-APR-89 10:54:47

PROGRAM: GTRFRM 001.E12

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

TIME CONVERTED VELOCITY REPORT

COMPANY : ESSO AUSTRALIA LTD  
WELL : CONGER - 1  
FIELD : WILDCAT  
COUNTRY : AUSTRALIA  
REFERENCE: SYJ-56326

## 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 USER'S 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)  
 DKE - 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	:	21.0000	M
ELEV OF SRD AB. MSL(WST)	SRD	:	0	M
ELEV OF GL AB. SRD(WST)	GL	:	-65.0000	M
UNIFORM EARTH VELOCITY	UNERTH	:	2133.60	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	: 1.000000	30479.7 - 0
USER VELOC (WST)	LAYVEL	: 1824.000 M/S	210.000 - 86.0000
		1481.000	86.0000
LAYER OPTION FLAG DENS	LOFDEN	: -1.000000	30479.7 - 0
USER SUPPLIED DENSITY DA	LAYDEN	: -999.2500 G/C3	30479.7 - 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	21.00	0						1481
2.00	22.48	1.48	1481	1481	673.22	1010.83	1348.44	1481
4.00	23.96	2.96	1481	1481	671.23	1008.84	1346.44	1481
6.00	25.44	4.44	1481	1481	669.25	1006.85	1344.45	1481
8.00	26.92	5.92	1481	1481	667.27	1004.86	1342.46	1481
10.00	28.41	7.41	1481	1481	665.29	1002.88	1340.48	1481
12.00	29.89	8.89	1481	1481	663.33	1000.90	1338.49	1481
14.00	31.37	10.37	1481	1481	661.36	998.93	1336.51	1481
16.00	32.85	11.85	1481	1481	659.41	996.96	1334.53	1481
18.00	34.33	13.33	1481	1481	657.46	994.99	1332.56	1481
20.00	35.81	14.81	1481	1481	655.52	993.03	1330.59	1481
22.00	37.29	16.29	1481	1481	653.58	991.07	1328.62	1481
24.00	38.77	17.77	1481	1481	651.65	989.11	1326.65	1481
26.00	40.25	19.25	1481	1481	649.72	987.16	1324.69	1481
28.00	41.73	20.73	1481	1481	647.80	985.22	1322.73	1481
30.00	43.22	22.22	1481	1481	645.89	983.27	1320.77	1481
32.00	44.70	23.70	1481	1481	643.98	981.33	1318.82	1481
34.00	46.18	25.18	1481	1481	642.07	979.40	1316.87	1481
36.00	47.66	26.66	1481	1481	640.18	977.47	1314.92	1481
38.00	49.14	28.14	1481	1481	638.29	975.54	1312.97	1481
40.00	50.62	29.62	1481	1481	636.40	973.62	1311.03	1481
42.00	52.10	31.10	1481	1481	634.52	971.70	1309.09	1481
44.00	53.58	32.58	1481	1481	632.65	969.78	1307.16	1481
46.00	55.06	34.06	1481	1481	630.78	967.87	1305.22	1481

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	56.54	35.54	1481	1481	628.92	965.97	1303.29	1481
50.00	58.03	37.03	1481	1481	627.07	964.06	1301.36	1481
52.00	59.51	38.51	1481	1481	625.22	962.16	1299.44	1481
54.00	60.99	39.99	1481	1481	623.38	960.27	1297.52	1481
56.00	62.47	41.47	1481	1481	621.54	958.33	1295.60	1481
58.00	63.95	42.95	1481	1481	619.71	956.49	1293.68	1481
60.00	65.43	44.43	1481	1481	617.88	954.60	1291.77	1481
62.00	66.91	45.91	1481	1481	616.06	952.73	1289.86	1481
64.00	68.39	47.39	1481	1481	614.25	950.85	1287.95	1481
66.00	69.87	48.87	1481	1481	612.44	948.98	1286.05	1481
68.00	71.35	50.35	1481	1481	610.63	947.11	1284.15	1481
70.00	72.84	51.84	1481	1481	608.84	945.25	1282.25	1481
72.00	74.32	53.32	1481	1481	607.05	943.39	1280.36	1481
74.00	75.80	54.80	1481	1481	605.26	941.53	1278.46	1481
76.00	77.28	56.28	1481	1481	603.48	939.63	1276.58	1481
78.00	78.76	57.76	1481	1481	601.71	937.83	1274.69	1481
80.00	80.24	59.24	1481	1481	599.94	935.98	1272.81	1431
82.00	81.72	60.72	1481	1481	598.18	934.14	1270.93	1481
84.00	83.20	62.20	1481	1481	596.42	932.31	1269.05	1481
86.00	84.68	63.68	1481	1481	594.67	930.47	1267.17	1537
88.00	86.22	65.22	1482	1482	592.34	927.76	1264.13	1824
90.00	88.04	67.04	1490	1491	586.82	920.23	1254.63	1824
92.00	89.87	68.87	1497	1499	581.52	913.03	1245.53	1824
94.00	91.69	70.69	1504	1506	576.44	906.15	1236.96	

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	93.52	72.52	1511	1514	571.56	899.57	1228.72	1324
98.00	95.34	74.34	1517	1521	566.85	893.24	1220.83	1324
100.00	97.16	76.16	1523	1527	562.32	887.16	1213.26	1324
102.00	98.99	77.99	1529	1534	557.93	881.31	1205.99	1324
104.00	100.81	79.81	1535	1540	553.69	875.66	1198.99	1324
106.00	102.64	81.64	1540	1546	549.59	870.21	1192.26	1324
108.00	104.46	83.46	1546	1551	545.61	864.94	1185.76	1324
110.00	106.29	85.29	1551	1557	541.74	859.84	1179.48	1324
112.00	108.11	87.11	1556	1562	537.98	854.90	1173.41	1324
114.00	109.93	88.93	1560	1567	534.33	850.10	1167.53	1324
116.00	111.76	90.76	1565	1572	530.77	845.44	1161.83	1324
118.00	113.58	92.58	1569	1576	527.30	840.91	1156.31	1324
120.00	115.41	94.41	1573	1581	523.91	836.50	1150.94	1324
122.00	117.23	96.23	1578	1585	520.60	832.21	1145.72	1324
124.00	119.05	98.05	1582	1589	517.37	828.02	1140.64	1324
126.00	120.88	99.88	1585	1593	514.21	823.93	1135.69	1324
128.00	122.70	101.70	1589	1597	511.12	819.94	1130.87	1324
130.00	124.53	103.53	1593	1601	508.09	816.04	1126.16	1324
132.00	126.35	105.35	1596	1604	505.12	812.22	1121.57	1324
134.00	128.18	107.18	1600	1608	502.21	808.49	1117.08	1324
136.00	130.00	109.00	1603	1611	499.36	804.83	1112.70	1324
138.00	131.82	110.82	1606	1615	496.56	801.25	1108.40	1324
140.00	133.65	112.65	1609	1618	493.81	797.74	1104.20	1324
142.00	135.47	114.47	1612	1621	491.10	794.29	1100.09	1324

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	137.30	116.30	1615	1624	488.44	790.91	1096.06	1824
146.00	139.12	118.12	1613	1627	485.83	787.58	1092.10	1824
148.00	140.94	119.94	1621	1630	483.26	784.32	1088.22	1824
150.00	142.77	121.77	1624	1632	480.73	781.11	1084.41	1824
152.00	144.59	123.59	1626	1635	478.23	777.95	1080.67	1824
154.00	146.42	125.42	1629	1638	475.78	774.85	1076.99	1824
156.00	148.24	127.24	1631	1640	473.36	771.79	1073.38	1824
158.00	150.07	129.07	1634	1643	470.98	768.78	1069.82	1824
160.00	151.89	130.89	1636	1645	468.62	765.81	1066.33	1824
162.00	153.71	132.71	1638	1647	466.30	762.89	1062.88	1824
164.00	155.54	134.54	1641	1650	464.02	760.01	1059.49	1824
166.00	157.36	136.36	1643	1652	461.76	757.17	1056.15	1824
168.00	159.19	138.19	1645	1654	459.53	754.36	1052.86	1824
170.00	161.01	140.01	1647	1656	457.33	751.60	1049.61	1824
172.00	162.83	141.83	1649	1658	455.15	748.87	1046.41	1824
174.00	164.66	143.66	1651	1660	453.01	746.17	1043.26	1824
176.00	166.48	145.48	1653	1662	450.88	743.51	1040.14	1824
178.00	168.31	147.31	1655	1664	448.79	740.88	1037.07	1824
180.00	170.13	149.13	1657	1666	446.71	738.28	1034.03	1824
182.00	171.96	150.96	1659	1668	444.66	735.71	1031.03	1824
184.00	173.78	152.78	1661	1669	442.63	733.16	1028.07	1824
186.00	175.60	154.60	1662	1671	440.63	730.65	1025.14	1824
188.00	177.43	156.43	1664	1673	438.65	728.17	1022.25	1824
190.00	179.25	158.25	1666	1675	436.68	725.71	1019.39	1824



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	181.08	160.08	1667	1676	434.74	723.27	1016.56	1824
194.00	182.90	161.90	1669	1678	432.82	720.86	1013.76	1824
196.00	184.72	163.72	1671	1679	430.91	718.48	1010.99	1824
198.00	186.55	165.55	1672	1681	429.03	716.12	1008.25	1824
200.00	188.37	167.37	1674	1682	427.16	713.78	1005.54	1824
202.00	190.20	169.20	1675	1684	425.31	711.47	1002.86	1824
204.00	192.02	171.02	1677	1685	423.43	709.17	1000.20	1824
206.00	193.85	172.85	1678	1687	421.67	706.90	997.56	1824
208.00	195.67	174.67	1680	1688	419.87	704.65	994.96	1824
210.00	197.49	176.49	1681	1689	418.09	702.41	992.37	1824
212.00	199.32	178.32	1682	1691	416.33	700.20	989.81	1824
214.00	201.14	180.14	1684	1692	414.53	698.01	987.27	1824
216.00	202.97	181.97	1685	1693	412.85	695.83	984.76	1824
218.00	204.79	183.79	1686	1694	411.13	693.67	982.27	1824
220.00	206.61	185.61	1687	1696	409.43	691.54	979.79	1824
222.00	208.44	187.44	1689	1697	407.74	689.41	977.34	1815
224.00	210.25	189.25	1690	1698	406.09	687.35	974.97	2066
226.00	212.32	191.32	1693	1702	403.64	684.03	970.90	2052
228.00	214.37	193.37	1696	1705	401.27	680.84	966.98	1992
230.00	216.36	195.36	1699	1708	399.13	677.99	963.54	2143
232.00	218.51	197.51	1703	1712	396.52	674.40	959.09	2121
234.00	220.63	199.63	1706	1716	394.03	670.99	954.87	2107
236.00	222.73	201.73	1710	1720	391.62	667.70	950.82	2081
238.00	224.82	203.82	1713	1723	389.33	664.58	947.00	

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	226.88	205.88	1716	1726	387.13	661.61	943.37	2061
242.00	228.89	207.89	1718	1729	385.09	658.88	940.06	2017
244.00	230.94	209.94	1721	1731	383.00	656.07	936.64	2042
246.00	233.01	212.01	1724	1734	380.84	653.13	933.05	2076
248.00	235.09	214.09	1727	1737	378.70	650.23	929.50	2078
250.00	237.19	216.19	1730	1741	376.53	647.27	925.87	2098
252.00	239.31	218.31	1733	1744	374.32	644.25	922.15	2120
254.00	241.42	220.42	1736	1747	372.16	641.28	918.50	2116
256.00	243.63	222.63	1739	1751	369.76	637.94	914.34	2209
258.00	245.78	224.78	1742	1755	367.58	634.93	910.63	2145
260.00	247.92	226.92	1746	1758	365.41	631.95	906.95	2147
262.00	250.03	229.08	1749	1761	363.26	628.97	903.28	2155
264.00	252.24	231.24	1752	1765	361.11	625.99	899.59	2166
266.00	254.38	233.38	1755	1768	359.06	623.17	896.11	2138
268.00	256.52	235.52	1758	1771	357.03	620.38	892.68	2138
270.00	258.63	237.63	1760	1774	355.10	617.72	889.43	2113
272.00	260.74	239.74	1763	1776	353.19	615.11	886.24	2108
274.00	262.91	241.91	1766	1780	351.15	612.28	882.73	2174
276.00	265.08	244.08	1769	1783	349.16	609.52	879.33	2162
278.00	267.24	246.24	1772	1786	347.19	606.79	875.96	2164
280.00	269.39	248.39	1774	1789	345.30	604.16	872.73	2145
282.00	271.56	250.56	1777	1792	343.35	601.45	869.38	2174
284.00	273.69	252.69	1780	1794	341.53	598.94	866.30	2130
286.00	275.80	254.80	1782	1797	339.79	596.54	863.37	2108

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	277.95	256.95	1784	1799	337.97	594.01	860.26	2148
290.00	280.04	259.04	1787	1802	336.23	591.69	857.43	2098
292.00	282.09	261.09	1788	1803	334.72	589.58	854.88	2046
294.00	284.14	263.14	1790	1805	333.16	587.44	852.30	2055
296.00	286.16	265.16	1792	1807	331.68	585.45	849.91	2020
298.00	287.93	266.93	1791	1806	330.71	584.24	848.59	1764
300.00	289.93	268.93	1793	1808	329.29	582.34	846.32	1999
302.00	291.99	270.99	1795	1810	327.77	580.25	843.78	2062
304.00	294.00	273.00	1796	1811	326.35	578.32	841.47	2015
306.00	295.96	274.96	1797	1812	325.05	576.58	839.42	1957
308.00	297.88	276.88	1798	1813	323.83	574.97	837.53	1920
310.00	299.87	278.87	1799	1814	322.49	573.17	835.38	1987
312.00	301.86	280.86	1800	1815	321.15	571.35	833.21	1996
314.00	303.88	282.88	1802	1816	319.77	569.47	830.94	2021
316.00	305.87	284.87	1803	1818	318.48	567.71	828.85	1983
318.00	307.88	286.88	1804	1819	317.13	565.87	826.63	2013
320.00	309.89	288.89	1806	1820	315.82	564.08	824.50	2002
322.00	311.87	290.87	1807	1821	314.56	562.38	822.46	1973
324.00	313.94	292.94	1808	1823	313.15	560.41	820.07	2071
326.00	315.94	294.94	1809	1824	311.87	558.66	817.97	2004
328.00	317.92	296.92	1810	1825	310.64	556.99	815.98	1976
330.00	319.87	298.87	1811	1826	309.46	555.40	814.10	1953
332.00	321.99	300.99	1813	1828	308.01	553.36	811.59	2118
334.00	324.18	303.18	1815	1830	306.45	551.12	808.81	2188

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM K9 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	326.18	305.18	1817	1831	305.21	549.42	806.77	2007
338.00	328.27	307.27	1818	1833	303.85	547.51	804.43	2090
340.00	330.33	309.33	1820	1834	302.55	545.69	802.22	2058
342.00	332.32	311.32	1821	1835	301.37	544.08	800.29	1987
344.00	334.29	313.29	1821	1836	300.24	542.52	798.43	1969
346.00	336.41	315.41	1823	1838	298.86	540.57	796.02	2124
348.00	338.54	317.54	1825	1839	297.48	538.60	793.60	2134
350.00	340.77	319.77	1827	1842	295.94	536.38	790.82	2230
352.00	342.92	321.92	1829	1844	294.56	534.41	788.38	2149
354.00	345.19	324.19	1832	1846	293.00	532.13	785.51	2266
356.00	347.57	326.57	1835	1850	291.25	529.54	782.21	2385
358.00	349.88	328.88	1837	1853	289.65	527.19	779.24	2309
360.00	352.27	331.27	1840	1856	287.94	524.65	776.00	2388
362.00	354.69	333.69	1844	1860	286.19	522.04	772.66	2422
364.00	357.06	336.06	1847	1863	284.54	519.60	769.55	2372
366.00	359.31	338.31	1849	1865	283.12	517.52	766.95	2242
368.00	361.65	340.65	1851	1868	281.56	515.21	764.01	2344
370.00	363.90	342.90	1854	1871	280.16	513.15	761.42	2252
372.00	366.13	345.13	1856	1873	278.80	511.18	758.94	2227
374.00	368.28	347.28	1857	1874	277.58	509.41	756.76	2147
376.00	370.62	349.62	1860	1877	276.07	507.17	753.90	2348
378.00	372.94	351.94	1862	1880	274.62	505.01	751.17	2320
380.00	375.24	354.24	1864	1882	273.22	502.93	748.53	2300
382.00	377.50	356.50	1866	1884	271.39	500.98	746.07	2255

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	379.89	358.29	1869	1887	270.38	498.70	743.15	2395
386.00	382.39	361.39	1872	1891	268.73	496.19	739.92	2494
388.00	384.80	363.80	1875	1894	267.22	493.91	736.99	2416
390.00	387.22	366.22	1878	1897	265.72	491.65	734.10	2415
392.00	389.63	368.68	1881	1900	264.17	489.30	731.06	2464
394.00	392.03	371.08	1884	1903	262.74	487.13	728.28	2398
396.00	394.53	373.53	1887	1906	261.25	484.87	725.37	2447
398.00	396.94	375.94	1889	1909	259.83	482.72	722.61	2409
400.00	399.28	378.28	1891	1912	258.52	480.75	720.09	2342
402.00	401.78	380.78	1894	1915	257.01	478.43	717.09	2499
404.00	404.22	383.22	1897	1918	255.59	476.26	714.30	2443
406.00	406.57	385.57	1899	1920	254.31	474.33	711.83	2349
408.00	409.09	388.09	1902	1924	252.82	472.03	708.83	2523
410.00	411.60	390.60	1905	1927	251.36	469.73	705.92	2509
412.00	414.20	393.20	1909	1931	249.80	467.36	702.76	2593
414.00	416.75	395.75	1912	1934	248.32	465.06	699.76	2556
416.00	419.25	398.25	1915	1937	246.92	462.90	696.95	2503
418.00	421.75	400.75	1917	1940	245.55	460.78	694.21	2492
420.00	424.00	403.00	1919	1942	244.47	459.16	692.16	2258
422.00	426.41	405.41	1921	1945	243.24	457.27	689.71	2405
424.00	429.00	408.00	1925	1948	241.79	455.00	686.75	2588
426.00	431.58	410.58	1928	1952	240.36	452.76	683.82	2588
428.00	433.84	412.84	1929	1953	239.33	451.22	681.86	2251
430.00	436.33	415.33	1932	1956	238.04	449.21	679.24	2497

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	438.99	417.99	1935	1960	236.57	446.89	676.19	2656
434.00	441.62	420.62	1938	1963	235.15	444.64	673.24	2631
436.00	444.28	423.28	1942	1967	233.70	442.36	670.22	2664
438.00	446.84	425.84	1944	1970	232.40	440.31	667.54	2561
440.00	449.53	428.53	1948	1974	230.97	438.03	664.53	2683
442.00	452.24	431.24	1951	1978	229.51	435.71	661.46	2715
444.00	454.77	433.77	1954	1981	228.29	433.80	658.95	2526
446.00	457.32	436.32	1957	1984	227.05	431.84	656.39	2555
448.00	459.80	438.80	1959	1986	225.91	430.05	654.05	2475
450.00	462.53	441.53	1962	1990	224.50	427.79	651.04	2735
452.00	464.91	443.91	1964	1992	223.48	426.20	648.99	2382
454.00	467.56	446.56	1967	1996	222.19	424.15	646.27	2647
456.00	470.17	449.17	1970	1999	220.96	422.13	643.67	2613
458.00	472.83	451.83	1973	2002	219.69	420.14	640.97	2661
460.00	475.78	454.78	1977	2007	218.12	417.58	637.53	2942
462.00	478.47	457.47	1980	2011	216.85	415.54	634.81	2691
464.00	481.31	460.31	1984	2015	215.43	413.22	631.71	2846
466.00	483.92	462.92	1987	2018	214.27	411.38	629.27	2604
468.00	486.70	465.70	1990	2022	212.95	409.24	626.41	2782
470.00	489.31	468.31	1993	2024	211.83	407.42	624.01	2606
472.00	491.97	470.97	1996	2028	210.65	405.53	621.48	2667
474.00	494.77	473.77	1999	2031	209.36	403.42	618.66	2795
476.00	497.46	476.46	2002	2035	208.20	401.53	616.14	2689
478.00	500.29	479.29	2005	2039	206.90	399.41	613.23	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
480.00	503.06	482.06	2009	2042	205.63	397.41	610.60	2773
482.00	505.82	484.82	2012	2046	204.48	395.46	607.99	2758
484.00	508.59	487.59	2015	2049	203.30	393.51	605.37	2768
486.00	511.33	490.33	2018	2053	202.14	391.63	602.84	2743
488.00	514.03	493.03	2021	2056	201.04	389.82	600.43	2702
490.00	516.76	495.76	2024	2059	199.93	388.00	597.98	2729
492.00	519.52	498.52	2026	2062	198.80	386.15	595.50	2755
494.00	522.34	501.34	2030	2066	197.63	384.20	592.87	2825
496.00	525.07	504.07	2033	2069	196.55	382.43	590.49	2728
498.00	527.65	506.65	2035	2071	195.61	380.90	588.45	2582
500.00	530.38	509.38	2038	2074	194.56	379.16	586.11	2728
502.00	533.12	512.12	2040	2077	193.51	377.42	583.77	2735
504.00	535.71	514.71	2043	2080	192.58	375.91	581.75	2595
506.00	538.48	517.48	2045	2083	191.53	374.16	579.39	2768
508.00	541.06	520.06	2047	2085	190.63	372.69	577.43	2580
510.00	543.66	522.66	2050	2087	189.73	371.21	575.45	2597
512.00	546.27	525.27	2052	2090	188.83	369.73	573.47	2610
514.00	548.92	527.92	2054	2092	187.91	368.20	571.41	2653
516.00	551.67	530.67	2057	2095	186.91	366.54	569.17	2753
518.00	554.31	533.31	2059	2097	186.02	365.06	567.17	2638
520.00	556.86	535.86	2061	2099	185.20	363.70	565.36	2548
522.00	559.56	538.56	2063	2102	184.27	362.16	563.28	2699
524.00	562.33	541.33	2066	2105	183.30	360.53	561.07	2772
526.00	565.00	544.00	2068	2107	182.42	359.06	559.07	2672

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	567.83	546.83	2071	2111	181.42	357.38	556.79	2829
530.00	570.68	549.68	2074	2114	180.42	355.69	554.48	2850
532.00	573.46	552.46	2077	2117	179.49	354.11	552.33	2773
534.00	576.30	555.30	2080	2120	178.52	352.48	550.09	2836
536.00	579.15	558.15	2083	2123	177.55	350.83	547.85	2851
538.00	581.94	560.94	2085	2126	176.63	349.28	545.72	2797
540.00	584.70	563.70	2088	2129	175.74	347.78	543.68	2762
542.00	587.54	566.54	2091	2132	174.81	346.20	541.51	2837
544.00	590.23	569.23	2093	2134	174.00	344.82	539.64	2686
546.00	593.04	572.04	2095	2137	173.10	343.30	537.55	2815
548.00	595.90	574.91	2098	2140	172.18	341.73	535.39	2862
550.00	598.83	577.83	2101	2143	171.23	340.09	533.13	2927
552.00	601.53	580.53	2103	2146	170.44	338.75	531.31	2693
554.00	604.21	583.21	2105	2148	169.66	337.43	529.51	2684
556.00	607.07	586.07	2108	2151	168.78	335.92	527.43	2859
558.00	609.98	588.98	2111	2154	167.87	334.36	525.27	2911
560.00	612.94	591.94	2114	2157	166.94	332.75	523.04	2964
562.00	615.79	594.79	2117	2160	166.10	331.29	521.04	2844
564.00	618.78	597.78	2120	2164	165.17	329.69	518.80	2987
566.00	621.73	600.73	2123	2167	164.27	328.13	516.64	2957
568.00	624.71	603.71	2126	2170	163.37	326.56	514.46	2975
570.00	627.66	606.66	2129	2174	162.49	325.04	512.35	2952
572.00	630.54	609.54	2131	2177	161.67	323.62	510.37	2880
574.00	633.62	612.62	2135	2180	160.75	321.98	508.08	3077



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	636.68	615.68	2138	2184	159.82	320.37	505.84	3061
578.00	639.40	618.40	2140	2186	159.11	319.15	504.16	2725
580.00	642.33	621.33	2143	2189	158.29	317.73	502.18	2924
582.00	645.17	624.17	2145	2192	157.53	316.41	500.34	2847
584.00	648.17	627.17	2143	2195	156.69	314.93	498.23	2993
586.00	650.90	629.90	2150	2197	156.01	313.75	496.64	2732
588.00	653.66	632.66	2152	2199	155.31	312.54	494.97	2765
590.00	656.65	635.65	2155	2202	154.50	311.11	492.97	2986
592.00	659.72	638.72	2158	2206	153.65	309.60	490.85	3070
594.00	662.56	641.56	2160	2208	152.93	308.36	489.11	2838
596.00	665.24	644.24	2162	2210	152.30	307.26	487.60	2684
598.00	668.13	647.13	2164	2213	151.58	305.98	485.81	2888
600.00	670.95	649.95	2166	2215	150.89	304.78	484.14	2816
602.00	674.08	653.08	2170	2219	150.04	303.27	482.00	3134
604.00	677.05	656.05	2172	2222	149.29	301.94	480.13	2970
606.00	679.80	658.80	2174	2223	148.66	300.84	478.59	2748
608.00	682.72	661.72	2177	2226	147.95	299.58	476.82	2923
610.00	685.79	664.79	2180	2229	147.16	298.18	474.85	3071
612.00	688.57	667.57	2182	2231	146.54	297.07	473.30	2782
614.00	691.53	670.53	2184	2234	145.83	295.82	471.52	2954
616.00	694.41	673.41	2186	2237	145.16	294.64	469.87	2880
618.00	697.33	676.33	2189	2239	144.48	293.43	468.16	2920
620.00	700.45	679.45	2192	2243	143.71	292.04	466.19	3122
622.00	703.29	682.29	2194	2245	143.08	290.92	464.62	2841

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	706.32	685.32	2197	2248	142.37	289.65	462.31	3026
626.00	709.28	688.28	2199	2250	141.70	288.45	461.11	2961
628.00	712.20	691.20	2201	2253	141.05	287.29	459.48	2913
630.00	714.96	693.96	2203	2255	140.48	286.28	458.05	2762
632.00	718.10	697.10	2206	2258	139.74	284.94	456.14	3143
634.00	721.00	700.00	2208	2260	139.12	283.83	454.56	2898
636.00	723.94	702.94	2210	2263	138.49	282.69	452.96	2936
638.00	726.91	705.91	2213	2265	137.84	281.53	451.31	2974
640.00	729.73	708.73	2215	2267	137.27	280.51	449.87	2823
642.00	732.26	711.26	2216	2268	136.83	279.73	448.77	2524
644.00	735.26	714.26	2218	2271	136.19	278.57	447.12	3003
646.00	738.23	717.23	2221	2273	135.56	277.44	445.52	2971
648.00	741.09	720.09	2222	2275	135.00	276.43	444.08	2855
650.00	744.15	723.15	2225	2278	134.35	275.24	442.38	3065
652.00	746.87	725.87	2227	2280	133.84	274.34	441.11	2722
654.00	749.79	728.79	2229	2282	133.27	273.30	439.62	2917
656.00	752.69	731.69	2231	2284	132.70	272.27	438.16	2899
658.00	755.72	734.72	2233	2287	132.09	271.16	436.56	3026
660.00	758.43	737.43	2235	2288	131.58	270.25	435.27	2769
662.00	761.30	740.30	2237	2290	131.07	269.31	433.94	2811
664.00	763.95	742.95	2238	2291	130.61	268.50	432.79	2653
666.00	766.79	745.79	2240	2293	130.09	267.55	431.44	2842
668.00	769.72	748.72	2242	2295	129.54	266.55	430.00	2930
670.00	772.34	751.34	2243	2296	129.11	265.77	428.90	2623

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	775.22	754.22	2245	2298	128.58	264.81	427.54	2881
674.00	777.78	756.78	2246	2299	128.18	264.09	426.52	2553
676.00	780.58	759.58	2247	2301	127.69	263.20	425.25	2804
678.00	783.47	762.47	2249	2303	127.17	262.26	423.89	2892
680.00	786.22	765.22	2251	2304	126.71	261.42	422.70	2751
682.00	788.78	767.78	2252	2305	126.32	260.71	421.70	2559
684.00	791.30	770.30	2252	2305	125.94	260.03	420.74	2518
686.00	794.01	773.01	2254	2307	125.50	259.23	419.60	2711
688.00	796.56	775.56	2255	2307	125.12	258.54	418.63	2546
690.00	799.37	778.37	2256	2309	124.65	257.68	417.40	2810
692.00	802.20	781.20	2258	2311	124.18	256.82	416.15	2830
694.00	804.90	783.90	2259	2312	123.76	256.04	415.05	2701
696.00	807.65	786.65	2260	2313	123.32	255.24	413.90	2751
698.00	810.43	789.43	2262	2315	122.87	254.42	412.72	2782
700.00	813.18	792.18	2263	2316	122.44	253.64	411.59	2744
702.00	816.01	795.01	2265	2318	121.99	252.80	410.39	2827
704.00	818.87	797.87	2267	2319	121.52	251.95	409.15	2861
706.00	821.49	800.49	2268	2320	121.14	251.24	408.15	2626
708.00	824.21	803.21	2269	2322	120.73	250.50	407.08	2713
710.00	827.01	806.01	2270	2323	120.30	249.69	405.92	2802
712.00	829.80	808.80	2272	2325	119.87	248.91	404.78	2790
714.00	832.65	811.65	2274	2326	119.42	248.08	403.59	2857
716.00	835.41	814.41	2275	2328	119.02	247.32	402.50	2752
718.00	838.27	817.27	2277	2329	118.57	246.51	401.31	2862

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	841.02	820.02	2278	2330	118.17	245.76	400.23	2756
722.00	843.58	822.58	2279	2331	117.82	245.13	399.32	2561
724.00	846.56	825.56	2281	2333	117.36	244.25	398.05	2971
726.00	849.42	828.42	2282	2335	116.93	243.45	396.88	2864
728.00	852.07	831.07	2283	2336	116.56	242.78	395.92	2651
730.00	854.77	833.77	2284	2337	116.19	242.09	394.91	2701
732.00	857.66	836.66	2286	2338	115.76	241.23	393.74	2892
734.00	860.64	839.64	2288	2340	115.30	240.43	392.49	2980
736.00	863.57	842.57	2290	2342	114.87	239.61	391.30	2926
738.00	866.57	845.57	2292	2344	114.41	238.76	390.05	2999
740.00	869.44	848.44	2293	2346	114.00	237.99	388.93	2866
742.00	872.41	851.41	2295	2348	113.56	237.17	387.72	2970
744.00	875.45	854.45	2297	2350	113.10	236.30	386.45	3045
746.00	878.25	857.25	2298	2351	112.72	235.59	385.40	2798
748.00	881.11	860.11	2300	2353	112.33	234.84	384.31	2865
750.00	884.12	863.12	2302	2355	111.89	234.02	383.09	3010
752.00	886.82	865.82	2303	2356	111.54	233.37	382.16	2692
754.00	889.73	868.73	2304	2357	111.14	232.61	381.04	2917
756.00	892.76	871.76	2306	2359	110.70	231.79	379.82	3027
758.00	895.66	874.66	2308	2361	110.31	231.05	378.73	2898
760.00	898.45	877.45	2309	2362	109.95	230.37	377.74	2793
762.00	901.54	880.54	2311	2364	109.51	229.52	376.49	3087
764.00	904.30	883.30	2312	2366	109.16	228.87	375.53	2767
766.00	907.14	886.14	2314	2367	108.79	228.18	374.51	2836

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	909.91	888.91	2315	2368	108.44	227.52	373.56	2768
770.00	912.66	891.66	2316	2369	108.10	226.88	372.62	2755
772.00	915.63	894.63	2318	2371	107.71	226.13	371.50	2968
774.00	918.60	897.60	2319	2373	107.32	225.39	370.40	2970
776.00	921.43	900.43	2321	2374	106.96	224.72	369.41	2832
778.00	924.36	903.36	2322	2376	106.59	224.00	368.35	2931
780.00	927.23	906.23	2324	2377	106.23	223.32	367.35	2364
782.00	930.04	909.04	2325	2378	105.89	222.68	366.40	2815
784.00	932.81	911.81	2326	2379	105.56	222.06	365.48	2763
786.00	935.53	914.53	2327	2380	105.25	221.46	364.61	2723
788.00	938.31	917.31	2328	2381	104.92	220.84	363.69	2777
790.00	940.95	919.95	2329	2382	104.63	220.29	362.89	2639
792.00	943.78	922.78	2330	2383	104.29	219.65	361.94	2830
794.00	946.47	925.47	2331	2384	103.99	219.08	361.10	2695
796.00	949.34	928.34	2333	2385	103.65	218.43	360.13	2867
798.00	951.91	930.91	2333	2386	103.38	217.92	359.39	2570
800.00	954.79	933.79	2334	2387	103.04	217.27	358.42	2884
802.00	957.32	936.32	2335	2388	102.78	216.78	357.71	2531
804.00	960.18	939.18	2336	2389	102.45	216.15	356.77	2360
806.00	962.68	941.68	2337	2389	102.20	215.68	356.08	2501
808.00	965.21	944.21	2337	2389	101.95	215.20	355.38	2529
810.00	967.87	946.87	2338	2390	101.67	214.67	354.59	2658
812.00	970.48	949.48	2339	2391	101.40	214.16	353.84	2613
814.00	973.14	952.14	2339	2391	101.13	213.63	353.06	2656

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	975.77	954.77	2340	2392	100.86	213.12	352.30	2631
818.00	978.32	957.32	2341	2392	100.61	212.64	351.61	2544
820.00	981.04	960.04	2342	2393	100.32	212.09	350.79	2728
822.00	983.56	962.56	2342	2394	100.08	211.63	350.11	2518
824.00	986.17	965.17	2343	2394	99.82	211.14	349.38	2604
826.00	988.88	967.88	2344	2395	99.54	210.60	348.58	2714
828.00	991.32	970.32	2344	2395	99.31	210.18	347.96	2438
830.00	993.76	972.76	2344	2395	99.09	209.76	347.34	2445
832.00	996.34	975.34	2345	2396	98.84	209.28	346.64	2576
834.00	998.90	977.90	2345	2396	98.60	208.82	345.95	2562
836.00	1001.48	980.48	2346	2397	98.35	208.34	345.25	2583
838.00	1003.92	982.92	2346	2397	98.13	207.93	344.65	2432
840.00	1006.51	985.51	2346	2397	97.89	207.46	343.94	2596
842.00	1009.10	988.10	2347	2398	97.64	206.99	343.25	2587
844.00	1011.53	990.53	2347	2398	97.43	206.58	342.65	2435
846.00	1014.04	993.04	2348	2398	97.20	206.15	342.01	2506
848.00	1016.55	995.55	2348	2398	96.98	205.72	341.37	2508
850.00	1019.11	998.11	2348	2399	96.74	205.27	340.78	2563
852.00	1021.63	1000.63	2349	2399	96.51	204.83	340.06	2519
854.00	1024.14	1003.14	2349	2399	96.29	204.40	339.42	2511
856.00	1026.61	1005.61	2350	2399	96.08	203.99	338.81	2468
858.00	1029.15	1008.15	2350	2400	95.85	203.56	338.16	2544
860.00	1031.66	1010.66	2350	2400	95.63	203.13	337.54	2507
862.00	1034.09	1013.09	2351	2400	95.42	202.74	336.96	2431

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	1036.58	1015.58	2351	2400	95.21	202.33	336.34	2492
866.00	1039.06	1018.06	2351	2400	95.00	201.92	335.74	2475
868.00	1041.62	1020.62	2352	2401	94.77	201.49	335.09	2566
870.00	1044.14	1023.14	2352	2401	94.55	201.07	334.46	2521
872.00	1046.56	1025.56	2352	2401	94.35	200.69	333.90	2415
874.00	1049.17	1028.17	2353	2402	94.12	200.24	333.23	2611
876.00	1051.67	1030.67	2353	2402	93.91	199.83	332.62	2499
878.00	1054.20	1033.20	2354	2402	93.69	199.42	332.00	2527
880.00	1056.64	1035.64	2354	2402	93.50	199.03	331.43	2443
882.00	1059.10	1038.10	2354	2402	93.29	198.64	330.85	2465
884.00	1061.74	1040.74	2355	2403	93.06	198.19	330.18	2633
886.00	1064.14	1043.14	2355	2403	92.87	197.83	329.63	2401
888.00	1066.71	1045.71	2355	2403	92.65	197.40	329.00	2570
890.00	1069.20	1048.20	2355	2403	92.45	197.01	328.42	2483
892.00	1071.88	1050.88	2356	2404	92.21	196.55	327.72	2686
894.00	1074.34	1053.34	2356	2404	92.02	196.17	327.15	2461
896.00	1076.95	1055.95	2357	2405	91.80	195.74	326.51	2609
898.00	1079.54	1058.54	2358	2405	91.58	195.32	325.87	2586
900.00	1082.11	1061.11	2358	2406	91.37	194.91	325.26	2567
902.00	1084.76	1063.76	2359	2406	91.14	194.47	324.59	2657
904.00	1087.33	1066.33	2359	2406	90.93	194.06	323.98	2562
906.00	1089.79	1068.79	2359	2407	90.74	193.69	323.42	2464
908.00	1092.36	1071.36	2360	2407	90.53	193.28	322.80	2573
910.00	1094.91	1073.91	2360	2407	90.33	192.89	322.21	2548

TWO-WAY TRAVEL TIME SRD	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	1097.57	1076.57	2361	2408	90.11	192.45	321.55	2683
914.00	1100.25	1079.25	2362	2409	89.88	192.01	320.88	2479
916.00	1102.73	1081.73	2362	2409	89.69	191.64	320.33	2705
918.00	1105.44	1084.44	2363	2409	89.47	191.20	319.65	2587
920.00	1108.03	1087.03	2363	2410	89.26	190.79	319.04	2532
922.00	1110.56	1089.56	2363	2410	89.06	190.41	318.46	2441
924.00	1113.00	1092.00	2364	2410	88.88	190.06	317.94	2430
926.00	1115.43	1094.43	2364	2410	88.71	189.71	317.42	2601
928.00	1118.03	1097.03	2364	2411	88.50	189.31	316.81	2568
930.00	1120.60	1099.60	2365	2411	88.30	188.92	316.22	2545
932.00	1123.14	1102.14	2365	2411	88.11	188.54	315.64	2536
934.00	1125.73	1104.73	2366	2412	87.91	188.15	315.05	2692
936.00	1128.42	1107.42	2366	2412	87.69	187.73	314.40	2578
938.00	1131.00	1110.00	2367	2413	87.50	187.34	313.82	2586
940.00	1133.58	1112.58	2367	2413	87.30	186.96	313.23	2489
942.00	1136.07	1115.07	2367	2413	87.12	186.60	312.69	2627
944.00	1138.70	1117.70	2368	2414	86.92	186.20	312.09	2641
946.00	1141.34	1120.34	2369	2414	86.71	185.80	311.48	2500
948.00	1143.84	1122.84	2369	2414	86.53	185.45	310.94	2537
950.00	1146.38	1125.38	2369	2415	86.35	185.09	310.39	2707
952.00	1149.08	1128.08	2370	2415	86.14	184.67	309.75	2454
954.00	1151.54	1130.54	2370	2415	85.97	184.33	309.24	2595
956.00	1154.13	1133.13	2371	2416	85.78	183.96	308.67	2706
958.00	1156.84	1135.84	2371	2416	85.57	183.54	308.03	



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	1159.41	1138.41	2372	2417	85.38	183.17	307.47	2575
962.00	1161.97	1140.97	2372	2417	85.20	182.81	306.92	2558
964.00	1164.45	1143.45	2372	2417	85.03	182.48	306.41	2478
966.00	1166.90	1145.90	2372	2417	84.86	182.15	305.91	2451
968.00	1169.33	1148.33	2373	2417	84.70	181.83	305.43	2425
970.00	1171.72	1150.72	2373	2417	84.54	181.52	304.96	2390
972.00	1174.16	1153.16	2373	2417	84.38	181.20	304.47	2446
974.00	1176.53	1155.53	2373	2417	84.22	180.90	304.01	2371
976.00	1178.93	1157.93	2373	2417	84.07	180.59	303.55	2394
978.00	1181.37	1160.37	2373	2417	83.91	180.27	303.06	2445
980.00	1183.76	1162.76	2373	2417	83.75	179.97	302.60	2392
982.00	1186.17	1165.17	2373	2417	83.60	179.66	302.13	2409
984.00	1188.61	1167.61	2373	2417	83.44	179.35	301.65	2441
986.00	1191.03	1170.03	2373	2417	83.28	179.04	301.18	2421
988.00	1193.45	1172.45	2373	2417	83.12	178.73	300.72	2415
990.00	1195.85	1174.85	2373	2417	82.97	178.43	300.26	2403
992.00	1198.31	1177.31	2374	2417	82.81	178.11	299.77	2459
994.00	1200.66	1179.66	2374	2417	82.67	177.82	299.34	2355
996.00	1203.17	1182.17	2374	2417	82.50	177.50	298.84	2506
998.00	1205.50	1184.50	2374	2417	82.36	177.22	298.41	2330
1000.00	1207.97	1186.97	2374	2417	82.20	176.90	297.93	2466
1002.00	1210.34	1189.34	2374	2417	82.05	176.61	297.49	2376
1004.00	1212.72	1191.72	2374	2417	81.91	176.33	297.05	2374
1006.00	1215.14	1194.14	2374	2417	81.76	176.03	296.59	2422

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	1217.58	1196.58	2374	2417	81.60	175.72	296.13	2445
1010.00	1220.02	1199.02	2374	2417	81.45	175.42	295.67	2435
1012.00	1222.48	1201.48	2374	2417	81.30	175.11	295.19	2460
1014.00	1224.93	1203.93	2375	2417	81.14	174.81	294.73	2451
1016.00	1227.40	1206.40	2375	2417	80.99	174.50	294.26	2465
1018.00	1229.87	1208.87	2375	2417	80.83	174.20	293.78	2475
1020.00	1232.38	1211.38	2375	2418	80.68	173.88	293.30	2513
1022.00	1234.88	1213.88	2375	2418	80.52	173.57	292.82	2494
1024.00	1237.47	1216.47	2376	2418	80.35	173.23	292.30	2589
1026.00	1239.99	1218.99	2376	2418	80.19	172.92	291.81	2516
1028.00	1242.52	1221.52	2376	2419	80.03	172.60	291.32	2531
1030.00	1245.09	1224.09	2377	2419	79.87	172.27	290.81	2573
1032.00	1247.71	1226.71	2377	2419	79.70	171.93	290.29	2619
1034.00	1250.30	1229.30	2378	2420	79.54	171.60	289.78	2592
1036.00	1252.87	1231.87	2378	2420	79.37	171.28	289.27	2574
1038.00	1255.42	1234.42	2378	2420	79.22	170.96	288.78	2549
1040.00	1257.96	1236.96	2379	2420	79.06	170.65	288.30	2540
1042.00	1260.63	1239.63	2379	2421	78.89	170.30	287.76	2663
1044.00	1263.20	1242.20	2380	2421	78.73	169.98	287.26	2577
1046.00	1265.86	1244.86	2380	2422	78.56	169.64	286.73	2659
1048.00	1268.60	1247.60	2381	2422	78.38	169.28	286.17	2735
1050.00	1271.33	1250.33	2382	2423	78.20	168.92	285.61	2729
1052.00	1274.01	1253.01	2382	2423	78.03	168.57	285.07	2686
1054.00	1276.68	1255.68	2383	2424	77.86	168.23	284.54	2662

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	1279.36	1258.36	2333	2424	77.69	167.89	284.01	2683
1058.00	1282.02	1261.02	2384	2425	77.53	167.56	283.49	2666
1060.00	1284.71	1263.72	2384	2425	77.36	167.22	282.96	2691
1062.00	1287.40	1266.40	2385	2426	77.19	166.83	282.43	2687
1064.00	1290.03	1269.03	2385	2426	77.03	166.56	281.93	2627
1066.00	1292.64	1271.64	2386	2427	76.87	166.24	281.43	2616
1068.00	1295.30	1274.30	2386	2427	76.71	165.91	280.92	2660
1070.00	1298.00	1277.00	2387	2428	76.55	165.58	280.39	2694
1072.00	1300.66	1279.66	2387	2428	76.38	165.25	279.88	2664
1074.00	1303.30	1282.30	2388	2429	76.23	164.93	279.39	2634
1076.00	1305.95	1284.95	2388	2429	76.07	164.61	278.88	2656
1078.00	1308.60	1287.60	2389	2429	75.91	164.29	278.38	2650
1080.00	1311.36	1290.36	2390	2430	75.74	163.95	277.84	2757
1082.00	1314.08	1293.08	2390	2431	75.57	163.61	277.32	2718
1084.00	1316.77	1295.77	2391	2431	75.41	163.29	276.81	2691
1086.00	1319.40	1298.40	2391	2432	75.26	162.98	276.32	2629
1088.00	1322.00	1301.00	2392	2432	75.11	162.68	275.85	2601
1090.00	1324.65	1303.65	2392	2432	74.96	162.36	275.36	2655
1092.00	1327.40	1306.40	2393	2433	74.79	162.03	274.83	2743
1094.00	1330.14	1309.14	2393	2434	74.63	161.69	274.31	2743
1096.00	1332.91	1311.91	2394	2434	74.46	161.36	273.78	2769
1098.00	1335.63	1314.63	2395	2435	74.30	161.03	273.27	2719
1100.00	1338.33	1317.33	2395	2435	74.15	160.71	272.77	2699
1102.00	1341.04	1320.04	2396	2436	73.99	160.39	272.26	2709

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	1343.74	1322.74	2396	2436	73.84	160.08	271.77	2697
1106.00	1346.44	1325.44	2397	2437	73.68	159.76	271.27	2707
1108.00	1349.16	1328.16	2397	2437	73.52	159.44	270.77	2720
1110.00	1351.87	1330.87	2398	2438	73.37	159.13	270.27	2707
1112.00	1354.56	1333.56	2398	2438	73.22	158.82	269.79	2690
1114.00	1357.40	1336.40	2399	2439	73.05	158.48	269.24	2838
1116.00	1360.14	1339.14	2400	2440	72.89	158.16	268.74	2744
1118.00	1362.86	1341.86	2400	2440	72.74	157.85	268.24	2721
1120.00	1365.65	1344.65	2401	2441	72.58	157.52	267.72	2789
1122.00	1368.47	1347.47	2402	2442	72.42	157.18	267.20	2814
1124.00	1371.23	1350.23	2403	2442	72.26	156.87	266.69	2761
1126.00	1374.03	1353.03	2403	2443	72.10	156.54	266.18	2799
1128.00	1376.73	1355.78	2404	2443	71.95	156.23	265.68	2753
1130.00	1379.65	1358.65	2405	2444	71.78	155.88	265.14	2871
1132.00	1382.45	1361.45	2405	2445	71.62	155.56	264.63	2794
1134.00	1385.30	1364.30	2406	2446	71.46	155.23	264.09	2857
1136.00	1388.12	1367.12	2407	2446	71.30	154.90	263.58	2822
1138.00	1390.92	1369.92	2408	2447	71.15	154.58	263.07	2796
1140.00	1393.63	1372.63	2408	2448	71.00	154.29	262.61	2704
1142.00	1396.39	1375.39	2409	2448	70.85	153.98	262.12	2762
1144.00	1399.19	1378.19	2409	2449	70.70	153.67	261.62	2793
1146.00	1401.90	1380.90	2410	2449	70.56	153.37	261.15	2714
1148.00	1404.71	1383.71	2411	2450	70.40	153.06	260.65	2805
1150.00	1407.46	1386.46	2411	2451	70.25	152.76	260.17	2759

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM K3 M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
1152.00	1410.28	1389.28	2412	2451	70.10	152.44	259.67	2320
1154.00	1413.07	1392.07	2413	2452	69.95	152.14	259.18	2789
1156.00	1415.80	1394.81	2413	2452	69.81	151.84	258.72	2731
1158.00	1418.58	1397.58	2414	2453	69.66	151.54	258.24	2776
1160.00	1421.47	1400.47	2415	2454	69.50	151.21	257.72	2892
1162.00	1424.31	1403.31	2415	2455	69.35	150.90	257.22	2839
1164.00	1427.22	1406.22	2416	2455	69.19	150.57	256.70	2905
1166.00	1429.99	1408.99	2417	2456	69.05	150.28	256.23	2770
1168.00	1432.70	1411.70	2417	2456	68.91	150.00	255.78	2716
1170.00	1435.49	1414.49	2418	2457	68.77	149.70	255.31	2797
1172.00	1438.28	1417.28	2419	2458	68.63	149.41	254.83	2788
1174.00	1440.94	1419.94	2419	2458	68.50	149.14	254.41	2664
1176.00	1443.66	1422.66	2419	2458	68.36	148.86	253.96	2720
1178.00	1446.37	1425.37	2420	2459	68.23	148.58	253.52	2709
1180.00	1449.03	1428.03	2420	2459	68.10	148.32	253.11	2657
1182.00	1451.67	1430.67	2421	2460	67.97	148.06	252.69	2646
1184.00	1454.28	1433.28	2421	2460	67.85	147.81	252.29	2610
1186.00	1456.91	1435.91	2421	2460	67.72	147.55	251.89	2625
1188.00	1459.52	1438.52	2422	2460	67.60	147.30	251.49	2615
1190.00	1462.15	1441.15	2422	2461	67.48	147.05	251.08	2627
1192.00	1464.77	1443.77	2422	2461	67.36	146.80	250.68	2621
1194.00	1467.34	1446.34	2423	2461	67.24	146.56	250.30	2573
1196.00	1469.98	1448.98	2423	2461	67.12	146.30	249.90	2636
1198.00	1472.54	1451.54	2423	2462	67.00	146.07	249.52	2563

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	1475.27	1454.27	2424	2462	66.87	145.80	249.09	2729
1202.00	1477.91	1456.91	2424	2462	66.75	145.55	248.69	2640
1204.00	1480.56	1459.56	2425	2463	66.63	145.30	248.29	2651
1206.00	1483.12	1462.12	2425	2463	66.51	145.06	247.91	2562
1208.00	1485.69	1464.69	2425	2463	66.40	144.83	247.54	2567
1210.00	1488.24	1467.24	2425	2463	66.29	144.60	247.13	2551
1212.00	1490.73	1469.73	2425	2463	66.18	144.38	246.83	2492
1214.00	1493.33	1472.33	2426	2463	66.07	144.14	246.45	2591
1216.00	1495.85	1474.85	2426	2464	65.96	143.92	246.10	2520
1218.00	1498.24	1477.24	2426	2463	65.86	143.72	245.73	2395
1220.00	1500.64	1479.64	2426	2463	65.77	143.52	245.46	2393
1222.00	1503.26	1482.26	2426	2464	65.65	143.28	245.08	2617
1224.00	1505.81	1484.81	2426	2464	65.54	143.06	244.72	2553
1226.00	1508.25	1487.25	2426	2464	65.44	142.85	244.39	2443
1228.00	1510.80	1489.80	2426	2464	65.33	142.63	244.04	2548
1230.00	1513.32	1492.32	2427	2464	65.23	142.41	243.69	2520
1232.00	1515.97	1494.97	2427	2464	65.11	142.17	243.30	2653
1234.00	1518.55	1497.55	2427	2464	65.00	141.94	242.94	2573
1236.00	1521.19	1500.19	2427	2465	64.89	141.70	242.55	2649
1238.00	1523.71	1502.71	2428	2465	64.78	141.49	242.21	2517
1240.00	1526.32	1505.32	2428	2465	64.67	141.26	241.84	2604
1242.00	1528.89	1507.89	2428	2465	64.56	141.03	241.49	2569
1244.00	1531.47	1510.47	2428	2465	64.45	140.81	241.13	2585
1246.00	1533.94	1512.94	2428	2465	64.36	140.60	240.80	2470

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	1536.55	1515.55	2429	2466	64.24	140.38	240.43	2612
1250.00	1539.03	1518.03	2429	2466	64.15	140.17	240.11	2479
1252.00	1541.45	1520.45	2429	2466	64.05	139.98	239.80	2419
1254.00	1543.89	1522.89	2429	2466	63.96	139.78	239.48	2442
1256.00	1546.39	1525.39	2429	2466	63.86	139.58	239.15	2500
1258.00	1548.94	1527.94	2429	2466	63.75	139.36	238.81	2549
1260.00	1551.51	1530.51	2429	2466	63.65	139.15	238.46	2566
1262.00	1554.03	1533.03	2430	2466	63.55	138.94	238.13	2523
1264.00	1556.61	1535.61	2430	2466	63.44	138.72	237.78	2584
1266.00	1559.13	1538.13	2430	2466	63.34	138.51	237.45	2523
1268.00	1561.59	1540.59	2430	2466	63.25	138.32	237.13	2454
1270.00	1564.03	1543.03	2430	2466	63.16	138.12	236.83	2436
1272.00	1566.62	1545.62	2430	2466	63.05	137.91	236.48	2595
1274.00	1569.23	1548.23	2430	2467	62.95	137.69	236.12	2603
1276.00	1571.89	1550.89	2431	2467	62.84	137.46	235.75	2665
1278.00	1574.33	1553.33	2431	2467	62.74	137.27	235.45	2432
1280.00	1576.87	1555.87	2431	2467	62.65	137.06	235.12	2547
1282.00	1579.39	1558.39	2431	2467	62.55	136.86	234.80	2515
1284.00	1581.87	1560.87	2431	2467	62.45	136.67	234.48	2488
1286.00	1584.27	1563.27	2431	2467	62.37	136.48	234.19	2398
1288.00	1586.76	1565.76	2431	2467	62.27	136.29	233.88	2437
1290.00	1589.34	1568.34	2432	2467	62.17	136.08	233.54	2579
1292.00	1591.89	1570.89	2432	2467	62.07	135.88	233.21	2549
1294.00	1594.41	1573.41	2432	2468	61.98	135.68	232.89	2522

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	1596.92	1575.92	2432	2468	61.88	135.48	232.57	2510
1298.00	1599.47	1578.47	2432	2468	61.79	135.28	232.25	2553
1300.00	1601.98	1580.98	2432	2468	61.69	135.08	231.93	2507
1302.00	1604.53	1583.53	2432	2468	61.59	134.88	231.61	2553
1304.00	1607.32	1586.32	2433	2468	61.48	134.64	231.22	2785
1306.00	1610.08	1589.08	2434	2469	61.37	134.40	230.83	2763
1308.00	1612.90	1591.90	2434	2469	61.25	134.16	230.43	2824
1310.00	1615.68	1594.68	2435	2470	61.14	133.92	230.05	2776
1312.00	1618.56	1597.56	2435	2471	61.01	133.66	229.63	2885
1314.00	1621.45	1600.45	2436	2471	60.89	133.41	229.22	2882
1316.00	1624.36	1603.36	2437	2472	60.77	133.15	228.80	2909
1318.00	1627.22	1606.22	2437	2473	60.65	132.90	228.39	2860
1320.00	1630.18	1609.18	2438	2474	60.52	132.63	227.96	2963
1322.00	1633.00	1612.00	2439	2474	60.41	132.39	227.57	2819
1324.00	1635.86	1614.86	2439	2475	60.29	132.15	227.17	2861
1326.00	1633.69	1617.69	2440	2475	60.18	131.91	226.78	2826
1328.00	1641.61	1620.61	2441	2476	60.06	131.65	226.36	2925
1330.00	1644.47	1623.47	2441	2477	59.94	131.41	225.96	2864
1332.00	1647.25	1626.25	2442	2477	59.83	131.18	225.59	2780
1334.00	1650.03	1629.03	2442	2478	59.72	130.95	225.22	2776
1336.00	1652.79	1631.79	2443	2478	59.62	130.73	224.86	2761
1338.00	1655.67	1634.67	2443	2479	59.50	130.49	224.46	2881
1340.00	1658.68	1637.68	2444	2480	59.37	130.22	224.03	3004
1342.00	1661.54	1640.54	2445	2480	59.26	129.98	223.64	2863



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	1664.35	1643.35	2445	2481	59.15	129.76	223.27	2811
1346.00	1667.21	1646.21	2446	2481	59.04	129.52	222.88	2857
1348.00	1670.03	1649.03	2447	2482	58.93	129.29	222.51	2822
1350.00	1672.85	1651.85	2447	2482	58.82	129.06	222.13	2825
1352.00	1675.88	1654.88	2448	2483	58.70	128.80	221.70	3024
1354.00	1678.92	1657.92	2449	2484	58.57	128.53	221.27	3038
1356.00	1681.87	1660.87	2450	2485	58.45	128.29	220.87	2953
1358.00	1684.83	1663.83	2450	2486	58.34	128.04	220.46	2957
1360.00	1687.96	1666.96	2451	2487	58.20	127.76	220.00	3133
1362.00	1691.12	1670.12	2452	2488	58.07	127.48	219.54	3159
1364.00	1694.27	1673.27	2453	2489	57.94	127.20	219.08	3156
1366.00	1697.43	1676.43	2455	2490	57.81	126.92	218.62	3158
1368.00	1700.58	1679.58	2456	2491	57.68	126.65	218.17	3146
1370.00	1703.69	1682.69	2456	2492	57.55	126.33	217.73	3108
1372.00	1706.85	1685.85	2458	2493	57.42	126.10	217.28	3166
1374.00	1709.90	1688.90	2458	2494	57.30	125.85	216.86	3052
1376.00	1712.97	1691.97	2459	2495	57.18	125.59	216.44	3065
1378.00	1716.00	1695.00	2460	2496	57.06	125.34	216.02	3035
1380.00	1718.94	1697.94	2461	2497	56.95	125.11	215.64	2935
1382.00	1721.78	1700.78	2461	2497	56.84	124.89	215.29	2840
1384.00	1724.68	1703.68	2462	2498	56.74	124.66	214.92	2904
1386.00	1727.56	1706.56	2463	2498	56.63	124.44	214.55	2881
1388.00	1730.44	1709.44	2463	2499	56.53	124.22	214.19	2880
1390.00	1733.27	1712.27	2464	2500	56.43	124.01	213.84	2832

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	1736.16	1715.16	2464	2500	56.32	123.79	213.48	2889
1394.00	1739.06	1718.06	2465	2501	56.22	123.56	213.11	2900
1396.00	1741.93	1720.93	2466	2501	56.12	123.35	212.76	2865
1398.00	1744.81	1723.81	2466	2502	56.01	123.13	212.40	2884
1400.00	1747.79	1726.79	2467	2503	55.90	122.90	212.02	2977
1402.00	1750.83	1729.83	2468	2504	55.79	122.66	211.62	3040
1404.00	1753.74	1732.74	2468	2504	55.69	122.44	211.26	2907
1406.00	1756.72	1735.72	2469	2505	55.58	122.21	210.89	2982
1408.00	1759.66	1738.66	2470	2506	55.47	121.99	210.52	2943
1410.00	1762.56	1741.56	2470	2506	55.37	121.77	210.17	2893
1412.00	1765.42	1744.42	2471	2507	55.27	121.56	209.82	2860
1414.00	1768.27	1747.27	2471	2507	55.17	121.35	209.48	2854
1416.00	1771.11	1750.11	2472	2508	55.08	121.15	209.15	2837
1418.00	1773.89	1752.89	2472	2508	54.93	120.96	208.83	2785
1420.00	1776.67	1755.67	2473	2509	54.89	120.76	208.51	2779
1422.00	1779.48	1758.48	2473	2509	54.80	120.56	208.18	2810
1424.00	1782.31	1761.31	2474	2510	54.70	120.36	207.85	2832
1426.00	1785.19	1764.19	2474	2510	54.61	120.16	207.51	2879
1428.00	1788.14	1767.14	2475	2511	54.50	119.94	207.15	2949
1430.00	1790.94	1769.94	2475	2511	54.41	119.74	206.83	2803
1432.00	1793.74	1772.74	2476	2512	54.32	119.55	206.52	2795
1434.00	1796.57	1775.57	2476	2512	54.23	119.35	206.19	2827
1436.00	1799.41	1778.41	2477	2513	54.14	119.16	205.87	2844
1438.00	1802.21	1781.21	2477	2513	54.04	118.96	205.55	2802

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	1805.01	1784.01	2478	2513	53.95	118.77	205.24	2802
1442.00	1807.82	1786.82	2478	2514	53.86	118.58	204.92	2804
1444.00	1810.62	1789.62	2479	2514	53.77	118.39	204.61	2806
1446.00	1813.52	1792.52	2479	2515	53.68	118.19	204.27	2895
1448.00	1816.46	1795.46	2480	2515	53.58	117.98	203.93	2942
1450.00	1819.58	1798.58	2481	2516	53.47	117.75	203.54	3121
1452.00	1822.59	1801.59	2482	2517	53.37	117.53	203.18	3005
1454.00	1825.57	1804.57	2482	2518	53.27	117.32	202.83	2987
1456.00	1828.59	1807.59	2483	2519	53.17	117.10	202.47	3017
1458.00	1831.79	1810.79	2484	2520	53.05	116.86	202.07	3197
1460.00	1835.18	1814.18	2485	2521	52.92	116.58	201.61	3394
1462.00	1838.62	1817.62	2486	2523	52.79	116.30	201.15	3437
1464.00	1842.20	1821.20	2488	2524	52.65	116.00	200.65	3582
1466.00	1845.76	1824.76	2489	2526	52.51	115.71	200.15	3558
1468.00	1849.60	1828.60	2491	2528	52.35	115.36	199.57	3846
1470.00	1853.54	1832.54	2493	2531	52.18	115.00	198.97	3938
1472.00	1857.06	1836.06	2495	2532	52.05	114.71	198.50	3515
1474.00	1860.27	1839.27	2496	2533	51.94	114.48	198.11	3213
1476.00	1862.92	1841.92	2496	2533	51.87	114.32	197.85	2649
1478.00	1865.53	1844.53	2496	2534	51.79	114.17	197.60	2613
1480.00	1868.41	1847.41	2497	2534	51.71	113.98	197.29	2881
1482.00	1871.47	1850.47	2497	2535	51.61	113.77	196.94	3057
1484.00	1874.84	1853.84	2498	2536	51.49	113.52	196.51	3368
1486.00	1878.09	1857.09	2499	2537	51.38	113.28	196.12	3250

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	1881.27	1860.27	2500	2538	51.27	113.05	195.74	3186
1490.00	1884.56	1863.56	2501	2539	51.16	112.81	195.34	3284
1492.00	1887.78	1866.78	2502	2540	51.05	112.58	194.96	3223
1494.00	1890.89	1869.89	2503	2541	50.95	112.37	194.61	3104
1496.00	1894.08	1873.08	2504	2542	50.85	112.15	194.24	3197
1498.00	1897.20	1876.20	2505	2543	50.75	111.94	193.83	3119
1500.00	1900.30	1879.30	2506	2544	50.65	111.73	193.54	3100
1502.00	1903.41	1882.41	2507	2545	50.55	111.52	193.19	3106
1504.00	1906.52	1885.52	2507	2546	50.45	111.31	192.84	3112
1506.00	1909.61	1888.61	2508	2546	50.36	111.10	192.50	3086
1508.00	1912.79	1891.79	2509	2547	50.26	110.89	192.14	3184
1510.00	1916.09	1895.09	2510	2549	50.15	110.65	191.75	3304
1512.00	1919.51	1898.51	2511	2550	50.03	110.40	191.33	3417
1514.00	1922.87	1901.87	2512	2551	49.92	110.17	190.93	3361
1516.00	1926.12	1905.12	2513	2552	49.82	109.94	190.56	3246
1518.00	1929.41	1908.41	2514	2553	49.71	109.71	190.18	3294
1520.00	1932.76	1911.76	2515	2554	49.60	109.48	189.79	3343
1522.00	1935.73	1914.73	2516	2555	49.52	109.30	189.49	2972
1524.00	1938.42	1917.42	2516	2555	49.45	109.15	189.24	2691
1526.00	1941.17	1920.17	2517	2556	49.37	108.99	188.93	2748
1528.00	1944.38	1923.38	2518	2556	49.27	108.78	188.63	3215
1530.00	1947.51	1926.51	2518	2557	49.13	108.58	188.29	3123
1532.00	1950.70	1929.70	2519	2558	49.03	108.37	187.94	3193
1534.00	1953.89	1932.89	2520	2559	48.99	108.16	187.60	3187

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	1956.79	1935.79	2521	2560	48.91	107.99	187.32	2902
1538.00	1959.13	1938.13	2520	2559	48.85	107.88	187.14	2339
1540.00	1962.29	1941.29	2521	2560	48.76	107.68	186.80	3164
1542.00	1965.46	1944.46	2522	2561	48.67	107.48	186.46	3167
1544.00	1968.62	1947.62	2523	2562	48.57	107.28	186.12	3167
1546.00	1971.79	1950.79	2524	2563	48.48	107.08	185.79	3168
1548.00	1974.94	1953.94	2524	2564	48.39	106.88	185.46	3153
1550.00	1978.10	1957.10	2525	2565	48.29	106.68	185.13	3154
1552.00	1981.29	1960.29	2526	2565	48.20	106.48	184.79	3193
1554.00	1984.40	1963.40	2527	2566	48.11	106.29	184.47	3108
1556.00	1987.52	1966.52	2528	2567	48.02	106.10	184.15	3126
1558.00	1990.69	1969.69	2528	2568	47.93	105.90	183.83	3167
1560.00	1993.83	1972.83	2529	2569	47.84	105.71	183.50	3141
1562.00	1997.11	1976.11	2530	2570	47.74	105.50	183.15	3276
1564.00	1999.87	1978.87	2531	2570	47.67	105.35	182.91	2766
1566.00	2002.55	1981.55	2531	2570	47.61	105.22	182.68	2671
1568.00	2005.56	1984.56	2531	2571	47.53	105.04	182.39	3016
1570.00	2008.50	1987.50	2532	2571	47.45	104.88	182.11	2943
1572.00	2011.85	1990.85	2533	2572	47.35	104.66	181.75	3350
1574.00	2015.03	1994.03	2534	2573	47.26	104.47	181.43	3173
1576.00	2018.13	1997.13	2534	2574	47.18	104.29	181.13	3108
1578.00	2021.45	2000.45	2535	2575	47.08	104.08	180.78	3316
1580.00	2024.60	2003.60	2536	2576	46.99	103.89	180.46	3154
1582.00	2026.69	2005.69	2536	2575	46.96	103.81	180.33	2084

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	2028.79	2007.79	2535	2575	46.92	103.73	180.20	2105
1586.00	2031.72	2010.72	2536	2575	46.84	103.57	179.93	2921
1588.00	2034.52	2013.52	2536	2576	46.78	103.43	179.69	2805
1590.00	2037.87	2016.87	2537	2577	46.68	103.22	179.34	3349
1592.00	2040.49	2019.49	2537	2577	46.62	103.09	179.13	2625
1594.00	2043.17	2022.17	2537	2577	46.56	102.96	178.91	2681
1596.00	2046.05	2025.05	2538	2577	46.49	102.81	178.66	2872
1598.00	2048.20	2027.20	2537	2577	46.45	102.73	178.52	2150
1600.00	2050.54	2029.54	2537	2577	46.40	102.63	178.36	2341
1602.00	2052.84	2031.84	2537	2576	46.36	102.53	178.20	2303
1604.00	2055.14	2034.14	2536	2576	46.31	102.44	178.04	2297
1606.00	2058.43	2037.43	2537	2577	46.22	102.24	177.71	3294
1608.00	2061.98	2040.98	2539	2578	46.11	102.01	177.32	3546
1610.00	2064.82	2043.82	2539	2579	46.05	101.86	177.03	2833
1612.00	2067.92	2046.92	2540	2579	45.97	101.69	176.79	3109
1614.00	2070.93	2049.93	2540	2580	45.89	101.53	176.52	3004
1616.00	2074.10	2053.10	2541	2581	45.81	101.35	176.21	3172
1618.00	2077.26	2056.26	2542	2582	45.72	101.17	175.91	3160
1620.00	2080.77	2059.77	2543	2583	45.62	100.95	175.54	3507
1622.00	2083.66	2062.66	2543	2583	45.55	100.80	175.30	2891
1624.00	2087.42	2066.42	2545	2585	45.44	100.55	174.87	3761
1626.00	2090.76	2069.76	2546	2586	45.34	100.35	174.54	3336
1628.00	2094.00	2073.00	2547	2587	45.26	100.17	174.23	3244
1630.00	2097.42	2076.42	2548	2583	45.16	99.96	173.38	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	2100.11	2079.11	2548	2583	45.11	99.84	173.68	2688
1634.00	2102.99	2081.99	2548	2589	45.04	99.69	173.44	2880
1636.00	2106.52	2085.52	2550	2590	44.94	99.48	173.07	3528
1638.00	2109.50	2088.50	2550	2591	44.87	99.33	172.82	2981
1640.00	2112.78	2091.78	2551	2592	44.78	99.14	172.50	3279
1642.00	2116.09	2095.09	2552	2593	44.70	98.95	172.19	3313
1644.00	2119.13	2098.13	2552	2593	44.62	98.80	171.92	3034
1646.00	2122.32	2101.32	2553	2594	44.54	98.62	171.63	3193
1648.00	2125.87	2104.87	2554	2595	44.44	98.41	171.27	3545
1650.00	2128.97	2107.97	2555	2596	44.37	98.25	171.00	3101
1652.00	2132.39	2111.39	2556	2597	44.28	98.05	170.67	3426
1654.00	2135.73	2114.73	2557	2598	44.19	97.86	170.35	3338
1656.00	2139.14	2118.14	2558	2599	44.10	97.67	170.02	3412
1658.00	2142.79	2121.79	2559	2601	44.00	97.44	169.65	3647
1660.00	2146.39	2125.39	2561	2602	43.90	97.23	169.28	3601
1662.00	2149.69	2128.69	2562	2603	43.82	97.05	168.98	3300
1664.00	2153.11	2132.11	2563	2604	43.73	96.86	168.66	3417
1666.00	2156.70	2135.70	2564	2606	43.63	96.65	168.30	3597
1668.00	2160.14	2139.14	2565	2607	43.54	96.45	167.97	3433
1670.00	2162.97	2141.97	2565	2607	43.48	96.32	167.76	2829
1672.00	2165.75	2144.75	2565	2607	43.42	96.20	167.55	2781
1674.00	2169.02	2148.02	2566	2608	43.34	96.03	167.26	3268
1676.00	2172.49	2151.49	2567	2610	43.25	95.83	166.93	3476
1678.00	2175.63	2154.63	2568	2610	43.18	95.67	166.66	3141

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	2178.64	2157.64	2569	2611	43.11	95.53	166.42	3004
1682.00	2181.71	2160.71	2569	2611	43.04	95.38	166.17	3070
1684.00	2184.76	2163.76	2570	2612	42.97	95.23	165.92	3056
1686.00	2187.45	2166.45	2570	2612	42.92	95.12	165.73	2684
1688.00	2190.27	2169.27	2570	2612	42.86	95.00	165.52	2818
1690.00	2193.64	2172.64	2571	2613	42.78	94.82	165.22	3374
1692.00	2196.39	2175.39	2571	2613	42.73	94.70	165.02	2751
1694.00	2199.86	2178.86	2572	2615	42.64	94.51	164.70	3474
1696.00	2203.27	2182.27	2573	2616	42.56	94.33	164.39	3409
1698.00	2205.81	2184.81	2573	2616	42.51	94.23	164.22	2539
1700.00	2208.90	2187.90	2574	2616	42.44	94.08	163.98	3091
1702.00	2212.49	2191.49	2575	2618	42.35	93.88	163.64	3590
1704.00	2216.21	2195.21	2577	2619	42.25	93.67	163.28	3712
1706.00	2220.02	2199.02	2578	2621	42.15	93.44	162.90	3818
1708.00	2223.45	2202.45	2579	2622	42.07	93.27	162.59	3423
1710.00	2226.93	2205.93	2580	2623	41.98	93.08	162.28	3484
1712.00	2230.03	2209.03	2581	2624	41.91	92.94	162.04	3099
1714.00	2233.56	2212.56	2582	2625	41.83	92.75	161.72	3533
1716.00	2236.72	2215.72	2582	2626	41.76	92.60	161.46	3163
1718.00	2239.77	2218.77	2583	2626	41.69	92.46	161.23	3048
1720.00	2243.09	2222.09	2584	2627	41.62	92.29	160.95	3317
1722.00	2246.02	2225.02	2584	2627	41.56	92.17	160.74	2926
1724.00	2249.89	2228.89	2586	2629	41.46	91.94	160.36	3874
1726.00	2252.99	2231.99	2586	2630	41.39	91.80	160.12	3103



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	2255.65	2234.65	2586	2630	41.34	91.70	159.94	2661
1730.00	2258.73	2237.73	2587	2630	41.23	91.56	159.71	3074
1732.00	2262.08	2241.08	2588	2631	41.20	91.40	159.43	3350
1734.00	2265.35	2244.35	2589	2632	41.13	91.24	159.17	3276
1736.00	2268.59	2247.59	2589	2633	41.06	91.09	158.91	3234
1738.00	2271.44	2250.44	2590	2633	41.01	90.97	158.71	2855
1740.00	2274.76	2253.76	2591	2634	40.93	90.81	158.44	3316
1742.00	2278.17	2257.17	2591	2635	40.85	90.64	158.16	3413
1744.00	2281.35	2260.35	2592	2636	40.79	90.50	157.91	3176
1746.00	2284.70	2263.70	2593	2637	40.71	90.34	157.64	3356
1748.00	2288.29	2267.29	2594	2638	40.63	90.15	157.33	3585
1750.00	2291.49	2270.49	2595	2639	40.56	90.01	157.08	3203
1752.00	2294.19	2273.19	2595	2639	40.51	89.91	156.91	2702
1754.00	2297.68	2276.68	2596	2640	40.44	89.73	156.61	3487
1756.00	2301.04	2280.04	2597	2641	40.36	89.57	156.34	3361
1758.00	2304.38	2283.38	2598	2642	40.29	89.42	156.08	3344
1760.00	2307.71	2286.71	2599	2643	40.22	89.26	155.82	3324
1762.00	2310.85	2289.85	2599	2643	40.16	89.13	155.58	3138
1764.00	2314.40	2293.40	2600	2645	40.08	88.95	155.29	3549
1766.00	2318.01	2297.01	2601	2646	39.99	88.77	154.98	3610
1768.00	2321.58	2300.58	2602	2647	39.91	88.59	154.68	3576
1770.00	2325.23	2304.23	2604	2648	39.83	88.41	154.37	3646
1772.00	2328.80	2307.80	2605	2650	39.75	88.24	154.07	3571
1774.00	2332.48	2311.48	2606	2651	39.66	88.05	153.76	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
1776.00	2336.10	2315.10	2607	2652	39.58	87.87	153.46	3616
1778.00	2339.64	2318.64	2608	2653	39.50	87.70	153.17	3542
1780.00	2343.19	2322.19	2609	2655	39.42	87.53	152.88	3556
1782.00	2346.91	2325.91	2610	2656	39.34	87.35	152.56	3719
1784.00	2350.45	2329.45	2611	2657	39.26	87.18	152.28	3536
1786.00	2353.67	2332.67	2612	2658	39.20	87.04	152.04	3222
1788.00	2357.30	2336.30	2613	2659	39.12	86.87	151.74	3628
1790.00	2361.08	2340.08	2615	2661	39.03	86.68	151.42	3782
1792.00	2364.89	2343.89	2616	2662	38.94	86.49	151.10	3813
1794.00	2368.56	2347.56	2617	2664	38.86	86.31	150.79	3662
1796.00	2371.85	2350.85	2618	2664	38.80	86.17	150.56	3287
1798.00	2375.17	2354.17	2619	2665	38.73	86.03	150.31	3322
1800.00	2378.13	2357.13	2619	2666	38.68	85.91	150.12	2956
1802.00	2381.62	2360.62	2620	2667	38.61	85.76	149.85	3492
1804.00	2384.93	2363.88	2621	2667	38.54	85.62	149.62	3258
1806.00	2387.96	2366.96	2621	2668	38.49	85.50	149.41	3081
1808.00	2391.26	2370.26	2622	2669	38.42	85.36	149.18	3299
1810.00	2394.64	2373.64	2623	2670	38.36	85.21	148.93	3324
1812.00	2397.75	2376.75	2623	2670	38.30	85.09	148.72	3112
1814.00	2401.19	2380.19	2624	2671	38.23	84.94	148.47	3437
1816.00	2404.91	2383.91	2625	2672	38.15	84.77	148.17	3721
1818.00	2408.60	2387.60	2627	2674	38.07	84.59	147.87	3692
1820.00	2412.11	2391.11	2628	2675	38.00	84.44	147.61	3507
1822.00	2415.70	2394.70	2629	2676	37.93	84.28	147.34	3583

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	2419.71	2398.71	2630	2678	37.84	84.08	146.99	4007
1826.00	2423.31	2402.31	2631	2679	37.76	83.92	146.72	3607
1828.00	2427.01	2406.01	2632	2680	37.69	83.75	146.43	3696
1830.00	2430.65	2409.65	2634	2682	37.61	83.58	146.15	3646
1832.00	2433.62	2412.62	2634	2682	37.55	83.48	145.97	2963
1834.00	2437.33	2416.33	2635	2683	37.48	83.31	145.68	3714
1836.00	2441.08	2420.08	2636	2685	37.41	83.14	145.39	3747
1838.00	2444.36	2423.36	2637	2685	37.35	83.01	145.17	3278
1840.00	2448.06	2427.06	2638	2687	37.27	82.84	144.89	3701
1842.00	2450.96	2429.96	2638	2687	37.22	82.74	144.72	2900
1844.00	2454.01	2433.01	2639	2687	37.17	82.63	144.53	3047
1846.00	2457.49	2436.49	2640	2688	37.11	82.49	144.28	3481
1848.00	2460.77	2439.77	2640	2689	37.05	82.36	144.06	3279
1850.00	2464.56	2443.56	2642	2690	36.97	82.19	143.77	3796
1852.00	2468.43	2447.43	2643	2692	36.89	82.01	143.47	3865
1854.00	2472.18	2451.18	2644	2693	36.81	81.84	143.18	3756
1856.00	2475.95	2454.95	2645	2695	36.74	81.68	142.90	3767
1858.00	2479.32	2458.32	2646	2696	36.67	81.54	142.67	3375
1860.00	2482.92	2461.92	2647	2697	36.61	81.39	142.41	3591
1862.00	2486.57	2465.57	2648	2698	36.53	81.24	142.15	3657
1864.00	2490.44	2469.44	2650	2699	36.46	81.06	141.85	3869
1866.00	2493.36	2472.36	2650	2700	36.41	80.97	141.68	2917
1868.00	2497.07	2476.07	2651	2701	36.34	80.81	141.41	3707
1870.00	2500.57	2479.57	2652	2702	36.27	80.67	141.17	3506

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	2504.10	2483.10	2653	2703	36.21	80.52	140.93	3530
1874.00	2507.85	2486.85	2654	2704	36.13	80.36	140.65	3753
1876.00	2511.69	2490.69	2655	2706	36.06	80.20	140.37	3834
1878.00	2515.42	2494.42	2656	2707	35.99	80.04	140.10	3735
1880.00	2519.05	2498.05	2658	2708	35.92	79.89	139.85	3631
1882.00	2522.89	2501.89	2659	2710	35.84	79.73	139.56	3834
1884.00	2526.43	2505.43	2660	2711	35.78	79.59	139.33	3536
1886.00	2530.30	2509.30	2661	2712	35.70	79.42	139.04	3878
1888.00	2533.93	2512.93	2662	2713	35.64	79.27	138.79	3623
1890.00	2536.70	2515.70	2662	2713	35.60	79.19	138.65	2768
1892.00	2540.41	2519.41	2663	2715	35.53	79.04	138.39	3708
1894.00	2544.15	2523.15	2664	2716	35.46	78.89	138.12	3748
1896.00	2547.86	2526.86	2665	2717	35.39	78.74	137.87	3708
1898.00	2551.67	2530.67	2667	2719	35.32	78.58	137.60	3809
1900.00	2554.61	2533.62	2667	2719	35.27	78.48	137.44	2944
1902.00	2558.56	2537.56	2668	2720	35.20	78.32	137.15	3945
1904.00	2562.00	2541.00	2669	2721	35.14	78.19	136.93	3444
1906.00	2565.94	2544.94	2670	2723	35.06	78.02	136.65	3934
1908.00	2569.34	2548.34	2671	2724	35.01	77.90	136.43	3400
1910.00	2573.14	2552.14	2672	2725	34.94	77.74	136.17	3798
1912.00	2577.17	2556.17	2674	2727	34.86	77.57	135.87	4037
1914.00	2581.11	2560.11	2675	2728	34.78	77.41	135.59	3933
1916.00	2584.31	2563.31	2676	2729	34.73	77.30	135.41	3200
1918.00	2588.00	2567.00	2677	2730	34.67	77.16	135.16	3692

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	2591.72	2570.72	2678	2731	34.60	77.01	134.92	3720
1922.00	2595.56	2574.56	2679	2732	34.53	76.86	134.65	3846
1924.00	2599.48	2578.48	2680	2734	34.46	76.70	134.38	3919
1926.00	2603.29	2582.30	2682	2735	34.39	76.55	134.12	3813
1928.00	2606.53	2585.53	2682	2736	34.34	76.44	133.94	3230
1930.00	2610.24	2589.24	2683	2737	34.28	76.30	133.70	3712
1932.00	2613.98	2592.98	2684	2738	34.21	76.16	133.45	3746
1934.00	2617.71	2596.71	2685	2740	34.15	76.01	133.21	3731
1936.00	2621.37	2600.37	2686	2741	34.09	75.88	132.97	3651
1938.00	2624.99	2603.99	2687	2742	34.02	75.75	132.75	3624
1940.00	2628.96	2607.96	2689	2743	33.95	75.59	132.47	3969
1942.00	2632.56	2611.56	2690	2744	33.89	75.46	132.25	3605
1944.00	2636.17	2615.17	2691	2745	33.83	75.33	132.03	3608
1946.00	2639.65	2618.65	2691	2746	33.78	75.21	131.82	3484
1948.00	2643.34	2622.34	2692	2747	33.72	75.07	131.59	3687
1950.00	2646.84	2625.84	2693	2748	33.66	74.95	131.38	3502
1952.00	2650.55	2629.55	2694	2749	33.60	74.81	131.15	3709
1954.00	2654.28	2633.28	2695	2750	33.54	74.68	130.91	3732
1956.00	2658.04	2637.04	2696	2752	33.47	74.54	130.67	3753
1958.00	2661.65	2640.65	2697	2753	33.42	74.41	130.46	3612
1960.00	2665.24	2644.24	2698	2754	33.36	74.29	130.24	3594
1962.00	2668.83	2647.83	2699	2755	33.30	74.16	130.03	3586
1964.00	2672.19	2651.19	2700	2755	33.25	74.05	129.84	3361
1966.00	2675.59	2654.59	2700	2756	33.20	73.94	129.65	3397

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	2677.98	2656.98	2700	2756	33.18	73.89	129.56	2397
1970.00	2680.13	2659.13	2700	2755	33.16	73.84	129.48	2144
1972.00	2682.87	2661.87	2700	2755	33.12	73.77	129.36	2740
1974.00	2685.50	2664.50	2700	2755	33.09	73.71	129.25	2633
1976.00	2688.97	2667.97	2700	2756	33.04	73.59	129.05	3466
1978.00	2692.91	2671.91	2702	2757	32.97	73.44	128.80	3947
1980.00	2696.10	2675.10	2702	2758	32.93	73.35	128.63	3185
1982.00	2699.50	2678.50	2703	2759	32.88	73.24	128.45	3403
1984.00	2702.80	2681.80	2703	2759	32.83	73.14	128.27	3299
1986.00	2706.85	2685.85	2705	2761	32.76	72.98	128.00	4052
1988.00	2710.71	2689.71	2706	2762	32.70	72.84	127.76	3362
1990.00	2714.52	2693.52	2707	2763	32.64	72.71	127.53	3808
1992.00	2718.28	2697.28	2708	2764	32.58	72.58	127.31	3753
1994.00	2722.14	2701.14	2709	2766	32.51	72.44	127.07	3861
1996.00	2725.81	2704.81	2710	2767	32.46	72.31	126.85	3675
1998.00	2729.46	2708.46	2711	2768	32.40	72.19	126.64	3646
2000.00	2733.05	2712.05	2712	2769	32.35	72.07	126.44	3592
2002.00	2735.81	2714.81	2712	2769	32.32	72.00	126.32	2766
2004.00	2738.73	2717.73	2712	2769	32.28	71.93	126.19	2916
2006.00	2742.78	2721.78	2714	2771	32.21	71.78	125.94	4044
2008.00	2745.45	2724.45	2714	2770	32.18	71.71	125.83	2675
2010.00	2747.54	2726.54	2713	2770	32.17	71.68	125.76	2085
2012.00	2750.03	2729.03	2713	2770	32.14	71.62	125.67	2491
2014.00	2753.74	2732.74	2714	2771	32.08	71.50	125.45	3709

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM KB M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/ GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
2016.00	2757.28	2736.28	2715	2772	32.03	71.38	125.26	3546
2018.00	2760.03	2739.03	2715	2772	32.00	71.32	125.14	2751
2020.00	2762.66	2741.66	2715	2771	31.97	71.25	125.04	2624
2022.00	2765.84	2744.85	2715	2772	31.93	71.16	124.88	3188
2024.00	2769.50	2748.50	2716	2773	31.88	71.04	124.68	3659
2026.00	2773.08	2752.08	2717	2774	31.83	70.93	124.48	3581
2028.00	2776.84	2755.84	2718	2775	31.77	70.81	124.27	3752
2030.00	2780.67	2759.67	2719	2776	31.71	70.68	124.05	3830
2032.00	2784.51	2763.51	2720	2777	31.65	70.55	123.82	3839
2034.00	2788.38	2767.38	2721	2779	31.59	70.42	123.60	3873
2036.00	2792.33	2771.33	2722	2780	31.53	70.28	123.36	3941
2038.00	2796.22	2775.22	2723	2781	31.47	70.15	123.13	3895
2040.00	2800.07	2779.07	2725	2783	31.41	70.02	122.91	3847
2042.00	2803.90	2782.90	2726	2784	31.35	69.89	122.70	3834
2044.00	2807.76	2786.76	2727	2785	31.30	69.77	122.48	3855
2046.00	2810.86	2789.86	2727	2785	31.26	69.68	122.33	3104
2048.00	2813.86	2792.86	2727	2786	31.22	69.61	122.20	3004
2050.00	2817.10	2796.10	2728	2786	31.18	69.52	122.05	3236
2052.00	2821.16	2800.16	2729	2788	31.12	69.38	121.81	4064
2054.00	2824.32	2803.32	2730	2788	31.08	69.29	121.66	3159
2056.00	2826.64	2805.64	2729	2788	31.06	69.25	121.59	2317
2058.00	2829.38	2808.38	2729	2788	31.03	69.19	121.48	2742
2060.00	2832.46	2811.46	2730	2788	31.00	69.11	121.34	3076
2062.00	2835.72	2814.72	2730	2788	30.96	69.02	121.19	3266

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
2064.00	2839.32	2818.32	2731	2789	30.91	68.91	121.00	3591
2066.00	2843.20	2822.20	2732	2791	30.85	68.78	120.79	3882
2068.00	2847.08	2826.08	2733	2792	30.79	68.66	120.57	3880
2070.00	2851.16	2830.16	2734	2793	30.73	68.52	120.33	4087
2072.00	2855.37	2834.37	2736	2795	30.66	68.37	120.03	4203
2074.00	2859.14	2838.14	2737	2796	30.61	68.26	119.88	3773
2076.00	2862.95	2841.95	2738	2797	30.56	68.14	119.67	3810
2078.00	2866.86	2845.86	2739	2799	30.50	68.01	119.45	3911
2080.00	2871.12	2850.12	2741	2800	30.43	67.86	119.20	4262
2082.00	2875.34	2854.34	2742	2802	30.37	67.72	118.95	4215
2084.00	2879.36	2858.36	2743	2803	30.31	67.59	118.72	4024
2086.00	2882.97	2861.97	2744	2804	30.26	67.48	118.54	3612
2088.00	2886.54	2865.54	2745	2805	30.21	67.38	118.37	3564
2090.00	2890.38	2869.38	2746	2806	30.16	67.26	118.16	3845
2092.00	2894.26	2873.26	2747	2803	30.10	67.14	117.96	3873
2094.00	2898.27	2877.27	2748	2809	30.05	67.02	117.74	4012
2096.00	2902.07	2881.07	2749	2810	29.99	66.90	117.54	3798
2098.00	2905.83	2884.83	2750	2811	29.94	66.79	117.35	3763
2100.00	2909.72	2888.72	2751	2812	29.89	66.67	117.14	3892
2102.00	2913.71	2892.71	2752	2814	29.83	66.55	116.93	3992
2104.00	2917.64	2896.64	2753	2815	29.78	66.43	116.72	3921
2106.00	2921.64	2900.64	2755	2816	29.72	66.30	116.51	3999
2108.00	2925.65	2904.65	2756	2818	29.67	66.18	116.29	4015
2110.00	2929.58	2908.58	2757	2819	29.61	66.06	116.03	3931



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
2112.00	2933.51	2912.51	2758	2820	29.56	65.94	115.83	3927
2114.00	2937.25	2916.25	2759	2821	29.51	65.83	115.69	3737
2116.00	2941.25	2920.25	2760	2823	29.45	65.71	115.48	4006
2118.00	2945.46	2924.46	2762	2824	29.39	65.58	115.25	4212
2120.00	2949.68	2928.68	2763	2826	29.33	65.44	115.02	4211
2122.00	2953.89	2932.89	2764	2828	29.27	65.31	114.79	4211
2124.00	2958.10	2937.10	2766	2829	29.21	65.17	114.55	4211
2126.00	2962.31	2941.31	2767	2831	29.15	65.04	114.33	4211
2128.00	2966.52	2945.52	2768	2832	29.09	64.91	114.10	4211

PE603182

This is an enclosure indicator page.  
The enclosure PE603182 is enclosed within the  
container PE904826 at this location in this  
document.

The enclosure PE603182 has the following characteristics:

ITEM\_BARCODE = PE603182  
CONTAINER\_BARCODE = PE904826  
NAME = Synthetic Seismogram  
BASIN = GIPPSLAND  
PERMIT = VIC/P26  
TYPE = WELL  
SUBTYPE = WELL\_LOG  
DESCRIPTION = Conger 1 Synthetic Seismogram.  
Enclosure 1 of appendix 4 of WCR volume  
1.  
REMARKS = Copy 1  
DATE\_CREATED = 15/03/89  
DATE\_RECEIVED = 11/09/89  
W\_NO = W989  
WELL\_NAME = Conger-1  
CONTRACTOR = Schlumberger  
CLIENT\_OP\_CO = Esso Australia Ltd.

(Inserted by DNRE - Vic Govt Mines Dept)

PE603183

This is an enclosure indicator page.  
The enclosure PE603183 is enclosed within the  
container PE904826 at this location in this  
document.

The enclosure PE603183 has the following characteristics:

ITEM\_BARCODE = PE603183  
CONTAINER\_BARCODE = PE904826  
NAME = Synthetic Seismogram  
BASIN = GIPPSLAND  
PERMIT = VIC/P26  
TYPE = WELL  
SUBTYPE = WELL\_LOG  
DESCRIPTION = Conger 1 Synthetic Seismogram.  
Enclosure 1 of appendix 4 of WCR volume  
1.  
REMARKS = Duplicate Copy  
DATE\_CREATED = 15/03/89  
DATE\_RECEIVED = 11/09/89  
W\_NO = W989  
WELL\_NAME = Conger-1  
CONTRACTOR = Schlumberger  
CLIENT\_OP\_CO = Esso Australia Ltd.

(Inserted by DNRE - Vic Govt Mines Dept)

PE603184

This is an enclosure indicator page.  
The enclosure PE603184 is enclosed within the  
container PE904826 at this location in this  
document.

The enclosure PE603184 has the following characteristics:

ITEM\_BARCODE = PE603184  
CONTAINER\_BARCODE = PE904826  
NAME = Seismic Calibration Log  
BASIN = GIPPSLAND  
PERMIT = VIC/P26  
TYPE = WELL  
SUBTYPE = WELL\_LOG  
DESCRIPTION = Conger 1 Seismic Calibration Log  
(Adjusted Continuous Velocity Log).  
Enclosure 2 of appendix 4 of WCR volume  
1.  
REMARKS =  
DATE\_CREATED = 15/03/89  
DATE\_RECEIVED = 11/09/89  
W\_NO = W989  
WELL\_NAME = Conger-1  
CONTRACTOR = Schlumberger  
CLIENT\_OP\_CO = Esso Australia Ltd.

(Inserted by DNRE - Vic Govt Mines Dept)

PE603185

This is an enclosure indicator page.  
The enclosure PE603185 is enclosed within the  
container PE904826 at this location in this  
document.

The enclosure PE603185 has the following characteristics:

ITEM\_BARCODE = PE603185  
CONTAINER\_BARCODE = PE904826  
NAME = Drift Corrected Sonic  
BASIN = GIPPSLAND  
PERMIT = VIC/P26  
TYPE = WELL  
SUBTYPE = WELL\_LOG  
DESCRIPTION = Conger 1 Drift Corrected Sonic.  
Enclosure 3 of appendix 4 of WCR volume  
1.  
REMARKS =  
DATE\_CREATED = 15/03/89  
DATE\_RECEIVED = 11/09/89  
W\_NO = W989  
WELL\_NAME = Conger-1  
CONTRACTOR = Schlumberger  
CLIENT\_OP\_CO = Esso Australia Ltd.

(Inserted by DNRE - Vic Govt Mines Dept)