SEISMIC COMPUTATIONS

Schlumberger

Schlumberger

ESSO AUSTRALIA LTD

GEOGRAM PROCESSING REPORT

SNAPPER #5

FIELD	:	WILDCAT
COUNTRY	:	AUSTRALIA
COORDINATES	:	038 13' 17.66" 147 59' 22.45"
DATE OF SURVEY	:	1-AUG-1985
REFERENCE NO.	:	540367

CONTENTS

1.0 INTRODUCTION

A velocity check shot survey was conducted in the SNAPPER #5 well on 1-August-1985. Sixteen levels from 500*metres* to 2989*metres* below DF were shot using an airgun source. All levels have been used in the calibration of the sonic log.

The shot times and calibrated sonic times have been corrected to a nominal Mean Sea Level Datum.

2.0 DATA ACQUISITION

Table 1 : Field Equipment and Survey Paramters

Elevation SRD	Mean Sea Level
Elevation KB	21.0*metres* AMSL
Elevation DF	20.7*metres* AMSL
Elevation GL	−56.0*metres* AMSL
No. of Levels	16
Well Deviation	Nil
Total Depth	2989*metres* below DF
Energy Source	Bolt airgun,200*cu.in.*
Source Offset	32.5*metres*
Source Depth	9*metres* below MSL
Source Azimuth	50°
Reference Sensor	Accelerometer
Sensor Offset	32.5*metres*
Sensor Depth	9*metres* below MSL
Sensor Azimuth	50°
Downhole Geophone	Geospace HS-1
	High Temp, (350°*F*)
	Coil Resist, 225Ω ± 10%
	Natural Freq. 8 − 12*Hz*
	Sensitivity 0.45*V*/*in*/*sec*
	Maximum tilt angle 60°

Recording was made on the Schlumberger Computerized Service Unit (CSU) using LIS format.

3.0 CHECK SHOT DATA

A total of 16 check levels were used to calibrate the sonic log. The general data quality was good and a plot of the stacked check shot data is displayed in Figure 1.

Table 2

Level Depth (m below DF)	Stacked Shots	Rejected Shots	Quality	Comments
30	3	0	Good	Moonpool hydrophone
500	3	0	Good	
815	3	0	Good	
960	3	0	Good	
1140	3	0	Good	
1292	3	0	Good	
1411	7	0	Good	
1606	3	0	Good	
1710	3	0	Good	
1818	3	0	Good	
1951	3	0	Good	
2125	5	5	Good	
2300	6	2	Good	
2472	5	1	Good	
2696	6	2	Good	
2871	5	0	Good	
2989	6	2	Good	

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

   $\Delta t - \Delta t_{min}$ is reduced through multiplication by a reduction coefficient which remains constant over the interval. This reduction coefficient, named G, can be 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 Δt and Δt_{min}, only over the intervals where $\Delta t > \Delta t_{min}$.

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

5.0 SONIC CALIBRATION PROCESSING

5.1 Open Hole Logs

Both the sonic and density logs used have been edited prior to input into the WST chain. The sonic drift is high and part of this can be attributed to the lack of resolution of the sonic tool across thin coal beds. Accurate Δt measurements can be made only on beds of thickness greater than the receiver seperation, which in this case equals $2ft$.

Density log interval	:	1240 to 2989*metres* below DF
Sonic log interval	:	200 to 2989*metres* below DF

5.2 Source Offset

The transit time from the moonpool shot was not used to calculate the source offset. This was because of uncertainty in the hydrophone position resulting from adverse weather conditions during the survey. As discussed with ESSO a source offset of 32.5*metres* was used, this being the calculated source offset for the second checkshot survey for Whiting #2. All transit times have been corrected for the source offset.

5.3 Correction to Datum

Seismic Reference Datum (SRD) is at Mean Sea Level (20.7*metres* below DF). The airgun was postioned 9*metres* below MSL. Using a water velocity of 1480*metres/sec* a correction of 6.08*millisecs* has been applied to all transit times.

5.4 Imposed Shots and Velocity Modelling

Two imposed shots were used in addition to the checkshot data to calibrate the sonic log.

1. Sea floor : depth 56*metres*, water velocity 1480*metres/sec*
2. Top sonic : depth 200*metres*. The velocities above and below this level were chosen to maintain a linear sonic drift curve from this level down to lower check levels.

The velocity model used is displayed below. Depths stated are referenced to metres below Derrick Floor and metres below Mean Sea Level respectively.

SRD ——————————— 20.7 / 0.0*metres*

1480*metres/sec*

GL ——————————— 76.7 / 56*metres*

2003*metres/sec*

Top of sonic ——————————— 200 / 179.3*metres*

5.5 Sonic Calibration Results

The top of the sonic log (200*metres* below DF)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. A list of shifts used on the sonic data is given below.

Table 3

Depth Interval (m below DF)	Block Shift $\mu sec/m$	Δt_{min} $\mu sec/m$	Equiv Block Shift $\mu sec/m$
0-200	0.0	-	0.0
200-855	22.14	-	22.14
855-1115	10.38	-	10.38
1115-1540	4.71	-	4.71
1540-1904	14.84	-	14.84
1904-2450	26.74	-	26.74
2450-2989	1.11	-	1.11

The adjusted sonic curve is considered to be the best result using the available data.

6.0 GEOGRAM PROCESSING

Geograms were generated using 20,25,30 and 35*hertz* Ricker wavelets. The presentations include both normal and reverse polarity at $3.75 in/sec$.

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:

Time to depth conversion
Generate reflection coefficients
Generate attenuation coefficients
Choose a suitable wavelet
Convolution
Output.

6.1 Time to Depth 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.

6.2 Primary Reflection Coefficients

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

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

where

ρ_1 = density of the layer above the reflection interface
ρ_2 = density of the layer below the reflection interface
ν_1 = compressional wave velocity of the layer above the reflection interface
ν_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.

6.3 Primaries with Transmission Loss

Transmission loss on two-way attenuation coefficients are 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:

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

6.4 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.

6.5 Multiples Only

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

6.6 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
User defined wavelet.

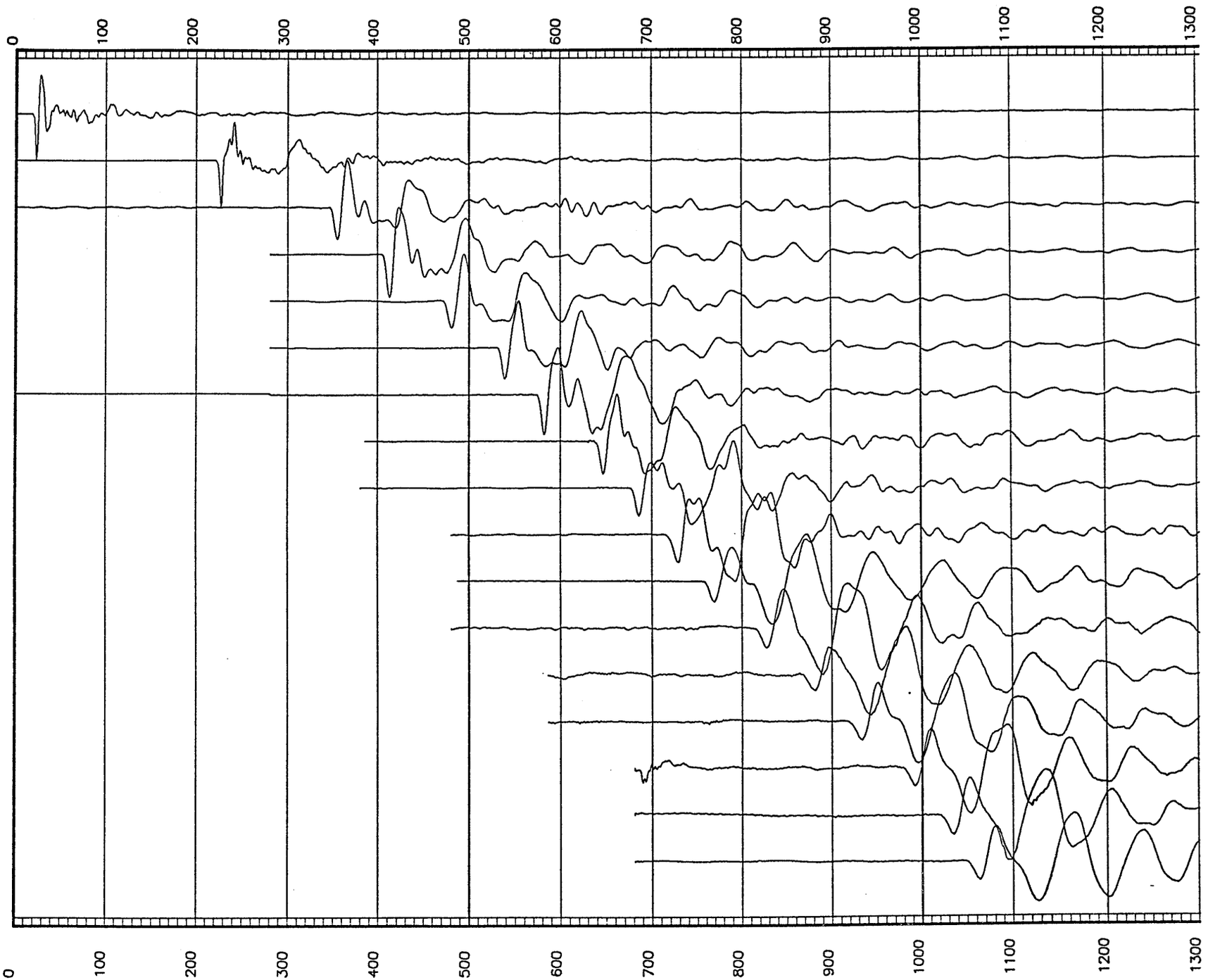
All wavelets can be chosen with or without butterworth filtering and with user defined centre frequencies. Polarity conventions are shown in Figure 2. These Geograms were generated using zero phase and minimum phase ricker wavelets.

6.7 Convolution

Standard procedure of convolution of wavelet with reflection coefficients. The output is the synthetic seismogram.

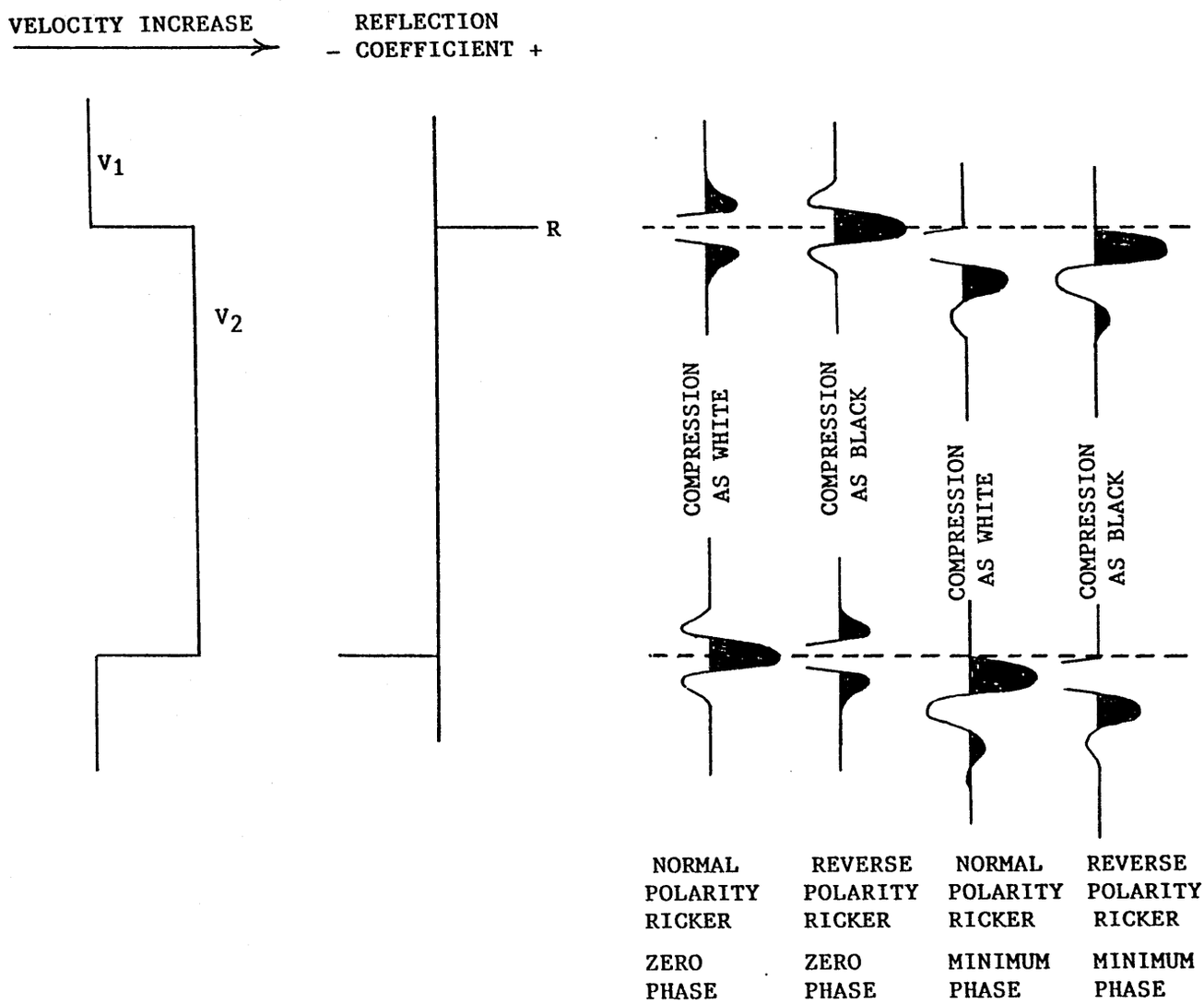
STACKED CHECK SHOT DATA

Fig. 1



LEVEL	DEPTH M	TIME S
17	30.0	0.018
16	500.0	0.223
15	815.0	0.349
14	960.0	0.407
13	1140.0	0.474
12	1292.0	0.533
11	1411.0	0.576
10	1606.0	0.640
9	1710.0	0.679
8	1818.0	0.719
7	1951.0	0.814
6	2125.0	0.817
5	2300.0	0.869
4	2472.0	0.922
3	2696.0	0.981
2	2871.0	1.023
1	2989.0	1.052

SCHLUMBERGER WAVELET POLARITY CONVENTION



NOTE: WAVELET DISPLAYED UNDER GEOGRAMS ARE FOR A REFLECTION COEFFICIENT OF -0.5

FIGURE 2

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WELL SEISMIC SERVICE COMPUTATION REQUEST

COMPANY: ESSO AUST. CONTACT: A.BARRETT

WELL: SNAPPER #5

FIELD/COUNTRY: GIPPSLAND/VICTORIA

LOCATION/DIVISION: SEA

DATE WST JOB: 1.8.85

DATE SENT: 4.8.85

BY: H. BARDJA

NUMBER OF COPIES OF RESULTS (CLIENT)

PRODUCT	REPORTS	PLOT TRANSP.	PLOT PRINT	TAPE
WSE	6	1	6	#1x1
WSC	6	1	6	#2x1
GEO	6	1	6	
VSP	–	–	–	

DATA SUPPLIED FOR INTERVALS TO BE PROCESSED

	FROM	TO
A. LOGS : DENSITY	2987	1240m
SONIC	2989	200m
B. SHOTS	2989	500m

UNITS: FEET ☐ METRES ☒

CLIENT TAPE: FORMAT: TAPE #1 SEGY ☒ TAPE #2 LIS ☒

DENSITY: 1600 BPI ☒ 1600 BPI ☒

SONIC CALIBRATION BY WST (WSC)

URGENT? YES ☒ NO ☐

IS A WELL SEISMIC EDIT (WSE) REQUESTED? YES ☒ NO ☐

(WSE IS RECOMMENDED WHERE FIELD STACK QUALITY IS AFFECTED BY BAD HOLE CONDITIONS)

REQUESTED TIME ORIGIN (SRD) 0.0 METRES ABOVE/BELOW MEAN SEA LEVEL (MSL)

STATIC CORRECTION TO BE APPLIED : –

_____ MILLISECONDS FROM GROUND LEVEL **OR**

LAYER	VELOCITY	FROM	TO
1			
2			
3			

TRUE VERTICAL DEPTH (TVD) CORRECTION? YES ☐ NO ☒ (TVD IS RECOMMENDED IF DEVIATION EXCEEDS 5°)

DEVIATION DATA SUPPLIED? YES ☐ NO ☒ Straight hole

11 INCH WSC DISPLAY DEPTH SCALES TO BE USED (UP TO TWO) 1/5000 ☐ 1/1000 ☐ OTHER ☐

22INCH WIDE TIME/DEPTH DISPLAY SPECIAL TIME FUNCTION? (T – DEPTH/VELOCITY) YES ☐ NO ☐ VELOCITY ☐

22 INCH WIDE GEOLOGICAL INTERVAL VELOCITY DISPLAY? YES ☐ NO ☐ GEOLOGICAL MARKERS SUPPLIED ☐

SPECIAL SCALES TO BE USED? SPECIFY

GEOGRAM

URGENT? YES ☐ NO ☐

FREQUENCY TEST TO BE SUPPLIED BEFORE FINALIZATION (8 BAND WIDTHS) YES ☐ NO ☐

FINAL GEOGRAM PARAMETERS : –

(ONE GEOGRAM INCLUDES DISPLAYS IN BOTH POLARITIES FOR EACH OF, PRIMARIES, PRIMARIES + MULTIPLES, PRIMARIES WITH TRANSMISSION LOSS, MULTIPLES ONLY FOR THE CHOSEN WAVELET AND T.V.F.)

WAVELET	FREQ.
KLAUDER ☐	
MIN PHASE ☒	
ZERO PHASE ☒	
OTHER: ☐	

	T. LOW	T. HIGH	F. LOW	F. HIGH
T.				
V.				
F.				

SCALE IS 10 CM/SEC + ONE OTHER – SPECIFY ~~3.75in/sec~~

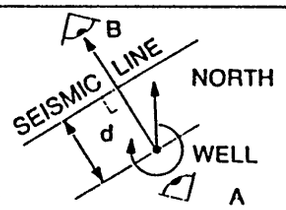
DIP OPTION YES ☐ NO ☐

SEISMIC LINE NUMBER _____

(ENCLOSE WELL LOCATION MAP VERSUS SEISMIC LINE)

DISTANCE BETWEEN TRACES _____

SECTION PERSPECTIVE: SEEN FROM A ☐ FROM B ☐



d _____

∝ _____

∝ (CLOCKWISE)

SPECIAL REQUESTS: _____

VERTICAL SEISMIC PROFILE

URGENT? YES ☐ NO ☐

UP TO 3 VELOCITY FILTER TESTS WILL BE SENT PROVISIONALLY

SPECIFY NUMBER OF TRACES IN WINDOW REQUIRED 3 ☐ 5 ☐ 7 ☐ 9 ☐ 11 ☐

TIME VARIANT FILTER (TVF) TO BE APPLIED ON FINAL DISPLAY : –

SCALE IS 10 CM/SEC + ONE OTHER. SPECIFY ☐

SPECIAL REQUESTS?

TIME 1	TIME 2	FLOW	F. HIGH

ENCLOSE SEISMIC SECTION. INDICATE RELATION TO WELL ON A DIAGRAM

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WELL SEISMIC SERVICE FIELD REPORT

COMPANY	WELL	DATE	LOCATION	ENGINEER	WITNESSED BY
ESSO	SNAPPER #5	1.8.85	SEA	A. JAMES	A. BARRETT

FEET ☐ METRES ☒ | JACK UP ☐ PLATFORM ☒ | SHIP ☐ SEMI-SUB ☐ | WEATHER:

SCHLUMBERGER ZERO	DF	AT ELEVATION	20.7m	RELATIVE TO MEAN SEA LEVEL (M.S.L.)
LOG MEASURED FROM	DF	AT ELEVATION	0.0m	RELATIVE TO SCHLUMBERGER ZERO
DRILLING MEASURED FROM	DF	AT ELEVATION	0.0m	RELATIVE TO SCHLUMBERGER ZERO

SOURCE

GUN TYPE WATER ☐ AIR ☒
VOLUME _____ x _____ CU INCHES
PRESSURE _____ BARS _____
VIBRATOR TYPE _____
SWEEP LENGTH _____ SECONDS
FROM _____ HZ TO _____ HZ

TIDEL INFORMATION DISTANCE HOUR DATE
TIDE LEVEL TO M.S.L.
(RECORD IF LEVEL VARIES
MORE THAN 2 METRES
DURING SURVEY)

CSU SOFTWARE VERSION: 28.15 MAX. HOLE DEV: AZIM:

NOTE: SHOTS HIGHLY RECOMMENDED AT TD, TOP EACH SONIC, ABOVE AND BELOW BAD HOLE INTERVALS

UNCORRECTED RESULTS Quality: G = Good, P = Poor, U = Unsatisfactory

SHOT NO.	DEPTH	GUN PRESSURE	FILTERS	TRANSIT TIME	HOUR SHOT	FILE	STACK	STACKED SHOTS	QUALITY / REMARKS
	30			18.4		2		1–3	Moonpool Hydrophone
	1411			576.1		8		1–3	
	2 89			1052.2		8		5–11	
	2871			1024.9		8		12–16	
	2696			983.0		8		18–24	
	2472			921.7		8		25–30	
	2300			871.1		8		34–38	
	2125			818.0		8		45–48	
	1951			760.9		8		49–51	
	1818			720.2		8		52–54	
	1710			680.2		8		55–57	
	1606			641.1		8		58–60	
	1411			576.3		8		61–63	
	1292			533.7		8		64–66	
	1140			475.3		8		67–69	
	960			407.9		8		70–72	
	815			379.0		8		73–75	
	500			223.1		8		76–78	
	275	CANCELLED DUE TO NOISE							

Distribution: White = computing centre; Green = District; Pink = Location

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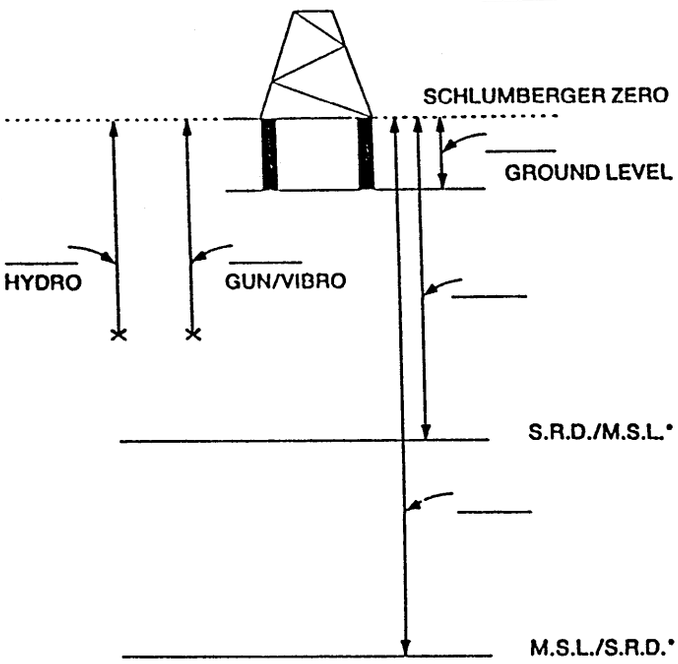
GUN GEOMETRY SKETCH

CLIENT: ESSO AUSTRALIA LTD. WELL: SNAPPER #5 DATE: 1/8/85

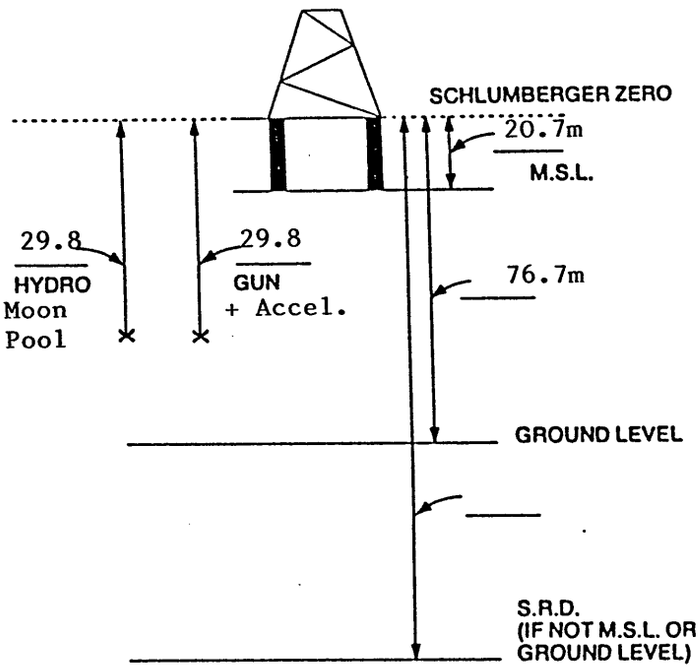
LAND ☐



INDICATE ALL DISTANCES RELATIVE TO SCHLUMBERGER ZERO

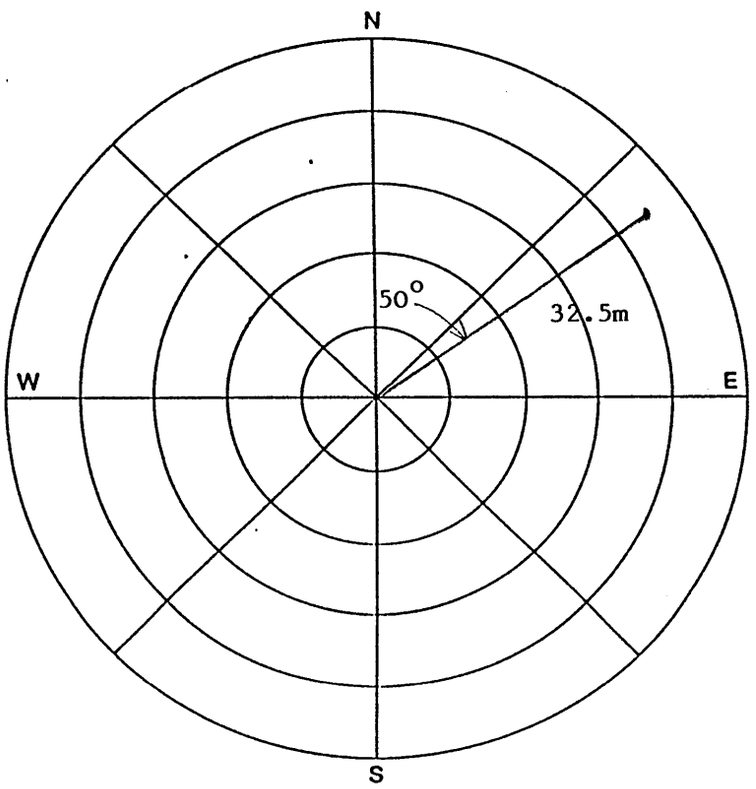
* DELETE AS APPLICABLE

OFFSHORE X



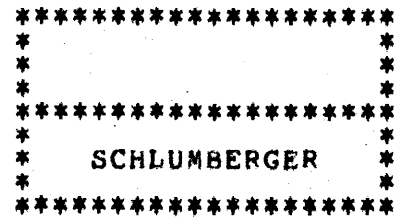
INDICATE ALL DISTANCES RELATIVE TO SCHLUMBERGER ZERO

SHOT POS'N	GUN OFFSET	Accel OFFSET	GUN DEPTH	Accel DEPTH
1	32.5m	32.5m	9m	9m
2				
3				
4				
5				
6				
7				



INDICATE GUN/VIBRO AND HYDROPHONE OFFSET AND AZIMUTH RELATIVE TO NORTH

SHOTS



GEOPHYSICAL AIRGUN REPORT

COMPANY	: ESSO AUSTRALIA LTD.
WELL	: SNAPPER #5
FIELD	: WILDCAT
COUNTY	: SUITE 1 RUN 1
STATE	: VICTORIA
COUNTRY	: AUSTRALIA
REFERENCE	: 540,367

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
VELHYD - VELOCITY OF THE MEDIUM BETWEEN THE SOURCE AND THE HYDROPHONE
VELSUR - VELOCITY OF THE MEDIUM BETWEEN THE SOURCE AND THE SRD

MATRIX

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

SAMPLED

SHOT.GSH - SHOT NUMBER
DKB.GSH - MEASURED DEPTH FROM KELLY-BUSHING
DSRD.GSH - DEPTH FROM SRD
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 DF AB. MSL (WST)	DF	20.7000	M
ELEV OF SRD AB. MSL(WST)	SRD	0	M
ELEV OF DERRICK FLOOR	EDF	20.7000	M
ELEV OF GL AB. SRD(WST)	GL	-56.0000	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	SOURCE NS M	HYDRO ELEV M	HYDRO EW M	HYDRO NS M
1	-9.00	24.90	20.89	-9.00	24.90	20.89

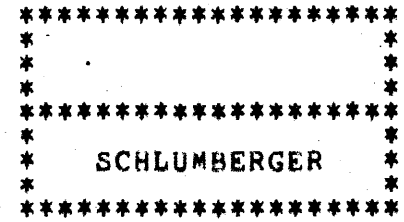
	TRT HYD-SC MS	TRT SC-SRD MS
1	0	6.08

	MD @ DF M	VD @ DF M	VD @ SRD M	E-W COORD M	N-S COORD M
1	76.70	76.70	56.00	0	0
2	200.00	200.00	179.30	0	0
3	500.00	500.00	479.30	0	0
4	815.00	815.00	794.30	0	0
5	960.00	960.00	939.30	0	0
6	1140.00	1140.00	1119.30	0	0
7	1292.00	1292.00	1271.30	0	0
8	1411.00	1411.00	1390.30	0	0
9	1606.00	1606.00	1585.30	0	0
10	1710.00	1710.00	1689.30	0	0
11	1818.00	1818.00	1797.30	0	0
12	1951.00	1951.00	1930.30	0	0
13	2125.00	2125.00	2104.30	0	0
14	2300.00	2300.00	2279.30	0	0
15	2472.00	2472.00	2451.30	0	0
16	2696.00	2696.00	2675.30	0	0
17	2871.00	2871.00	2850.30	0	0
18	2989.00	2989.00	2968.30	0	0

LEVEL NUMBER	MEASUR DEPTH FROM DF 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	76,70	56,00	0	38,60	31,75	37,83	1480			
								123,30	61,57	2003
2	200,00	179,30	123,30	95,00	93,32	99,40	1804			
								300,00	129,15	2323
3	500,00	479,30	423,30	223,00	222,47	228,55	2097			
								315,00	126,23	2495
4	815,00	794,30	738,30	349,00	348,70	354,78	2239			
								145,00	58,05	2498
5	960,00	939,30	883,30	407,00	406,75	412,83	2275			
								180,00	67,05	2685
6	1140,00	1119,30	1063,30	474,00	473,80	479,88	2332			
								152,00	59,03	2575
7	1292,00	1271,30	1215,30	533,00	532,82	538,90	2359			
								119,00	43,02	2766
8	1411,00	1390,30	1334,30	576,00	575,84	581,92	2389			
								195,00	64,02	3046
9	1606,00	1585,30	1529,30	640,00	639,86	645,95	2454			
								104,00	39,01	2666
10	1710,00	1689,30	1633,30	679,00	678,87	684,95	2466			
								108,00	40,01	2699
11	1818,00	1797,30	1741,30	719,00	718,88	724,96	2479			
								133,00	40,01	3324
12	1951,00	1930,30	1874,30	759,00	758,89	764,97	2523			
								174,00	58,01	2999
13	2125,00	2104,30	2048,30	817,00	816,90	822,98	2557			
								175,00	52,01	3365
14	2300,00	2279,30	2223,30	869,00	868,91	874,99	2605			
								172,00	53,01	3245
15	2472,00	2451,30	2395,30	922,00	921,92	928,00	2641			
								224,00	59,01	3796
16	2696,00	2675,30	2619,30	981,00	980,93	987,01	2711			
								175,00	42,01	4166
17	2871,00	2850,30	2794,30	1023,00	1022,93	1029,01	2770			
								118,00	29,00	4068
18	2989,00	2968,30	2912,30	1052,00	1051,94	1058,02	2806			

DRIFT

ANALYST: M. SANDERS 26-AUG-85 10:26:06 PROGRAM: GDRIFT 007.E09



DRIFT COMPUTATION REPORT

COMPANY : ESSO AUSTRALIA LTD.
WELL : SNAPPER #5
FIELD : WILDCAT
COUNTY : SUITE 1 RUN 1
STATE : VICTORIA
COUNTRY : AUSTRALIA
REFERENCE: 540,367

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

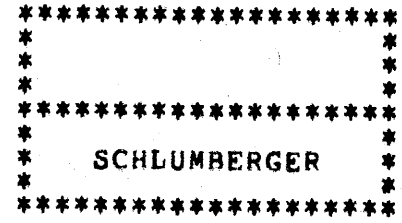
SHOT - SHOT NUMBER
DKB - MEASURED DEPTH FROM KELLY-BUSHING
DSRD - DEPTH FROM SRD
DGL - VERTICAL DEPTH RELATIVE TO GROUND LEVEL (USER'S REFERENCE)
SHTM - SHOT TIME (WST)
RAWS - RAW SONIC (WST)
SHDR - DRIFT AT SHOT OR KNEE
BLSH - BLOCK SHIFT BETWEEN SHOTS OR KNEE

(GLOBAL PARAMETERS)		(VALUE)	
ELEV OF DF AB. MSL (WST)	DF	: 20.7000	M
ELEV OF SRD AB. MSL(WST)	SRD	: 0	M
ELEV OF DERRICK FLOOR	EDF	: 20.7000	M
ELEV OF GL AB. SRD(WST)	GL	: -56.0000	M
TOP OF ZONE PROCD (WST)	XSTART	: 0	M
BOT OF ZONE PROCD (WST)	XSTOP	: 0	M
RAW SONIC CH NAME (WST)	GAD001	: DT.BHC.004.IPA.FLP.*	
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 DF 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/M
							0
1	76,70	56,00	0	37,83	37,83	0	0
2	200,00	179,30	123,30	99,40	99,40	0	20,71
3	500,00	479,30	423,30	228,55	222,34	6,21	25,81
4	815,00	794,30	738,30	354,78	340,44	14,34	6,40
5	960,00	939,30	883,30	412,83	397,56	15,27	12,30
6	1140,00	1119,30	1063,30	479,88	462,39	17,48	7,72
7	1292,00	1271,30	1215,30	538,90	520,25	18,66	4,90
8	1411,00	1390,30	1334,30	581,92	562,68	19,24	,27
9	1606,00	1585,30	1529,30	645,95	626,65	19,29	10,80
10	1710,00	1689,30	1633,30	684,95	664,54	20,42	39,35
11	1818,00	1797,30	1741,30	724,96	700,30	24,67	-1,06
12	1951,00	1930,30	1874,30	764,97	740,45	24,52	35,74
13	2125,00	2104,30	2048,30	822,98	792,24	30,74	21,21
14	2300,00	2279,30	2223,30	874,99	840,54	34,45	33,31
15	2472,00	2451,30	2395,30	928,00	887,82	40,18	-2,89
16	2696,00	2675,30	2619,30	987,01	947,47	39,54	-7,09
17	2871,00	2850,30	2794,30	1029,01	990,72	38,29	13,20
18	2989,00	2968,30	2912,30	1058,02	1018,17	39,85	

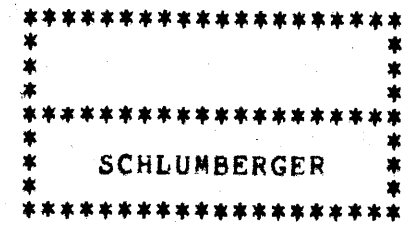
ANALYST: M. SANDERS 26-AUG-85 10:45:58 PROGRAM: GADJST 008.E07



SONIC ADJUSTMENT PARAMETER REPORT

COMPANY : ESSO AUSTRALIA LTD.
WELL : SNAPPER #5
FIELD : WILDCAT
COUNTY : SUITE 1 RUN 1
STATE : VICTORIA
COUNTRY : AUSTRALIA
REFERENCE: 540,367

ANALYST: M. SANDERS 26-AUG-85 10:45:58 PROGRAM: GADJST 008,E07



SONIC ADJUSTMENT PARAMETER REPORT

COMPANY : ESSO AUSTRALIA LTD.
WELL : SNAPPER #5
FIELD : WILDCAT
COUNTY : SUITE 1 RUN 1
STATE : VICTORIA
COUNTRY : AUSTRALIA
REFERENCE: 540,367

LONG DEFINITIONS

GLOBAL

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

ZONE

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

SAMPLED

SHOT - SHOT NUMBER
VDKB - VERTICAL DEPTH RELATIVE TO KB
DSRD - DEPTH FROM SRD
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

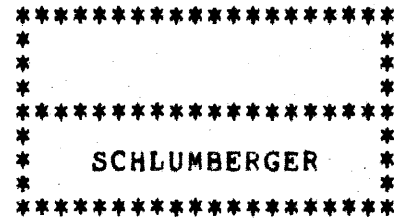
(GLOBAL PARAMETERS)		(VALUE)	
ORIG OF ADJ DATA (WST)	SRCDRF	: 2.00000	
CONS SONIC ADJST (WST)	CONADJ	: 24.6063	US/M
UNIFORM EARTH VELOCITY	UNERTH	: 2133.60	M/S

(ZONED PARAMETERS)		(VALUE)		(LIMITS)	
USER DRIFT ZONE (WST)	ZDRIFT	: 39.80000	MS	2989.00	- 2450.00
		39.20000		2450.00	1904.00
		24.60000		1904.00	1540.00
		19.20000		1540.00	1115.00
		17.20000		1115.00	855.000
		14.50000		855.000	200.000
		0		200.000	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	: 2003.000	M/S	200.000	- 76.7000
		1480.000		76.7000	0

COMPANY : ESSO AUSTRALIA LTD. WELL : SNAPPER #5

KNEE NUMBER	VERTICAL DEPTH FROM DF M	VERTICAL DEPTH FROM SRD M	VERTICAL DEPTH FROM GL M	DRIFT AT KNEE MS	BLOCKSHIFT USED US/M	DELTA-T MINIMUM USED US/M	REDUCTION FACTOR G	EQUIVALENT BLOCKSHIFT US/M
2	200,00	179,30	123,30	0	0			0
3	855,00	834,30	778,30	14,50	22,14			22,14
4	1115,00	1094,30	1038,30	17,20	10,38			10,38
5	1540,00	1519,30	1463,30	19,20	4,71			4,71
6	1904,00	1883,30	1827,30	24,60	14,84			14,84
7	2450,00	2429,30	2373,30	39,20	26,74			26,74
8	2989,00	2968,30	2912,30	39,80	1,11			1,11

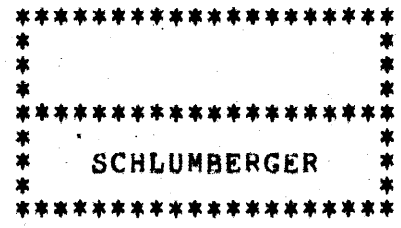
ANALYST: M. SANDERS 26-AUG-85 10:46:23 PROGRAM: GADJST 008,E07



VELOCITY REPORT

COMPANY : ESSO AUSTRALIA LTD.
WELL : SNAPPER #5
FIELD : WILDCAT
COUNTY : SUITE 1 RUN 1
STATE : VICTORIA
COUNTRY : AUSTRALIA
REFERENCE: 540,367

ANALYST: M. SANDERS 26-AUG-85 10:46:23 PROGRAM: GADJST 008,E07



VELOCITY REPORT

COMPANY : ESSO AUSTRALIA LTD.
WELL : SNAPPER #5
FIELD : WILDCAT
COUNTY : SUITE 1 RUN 1
STATE : VICTORIA
COUNTRY : AUSTRALIA
REFERENCE: 540,367

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 (GIRFRM)

ZONE

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

SAMPLED

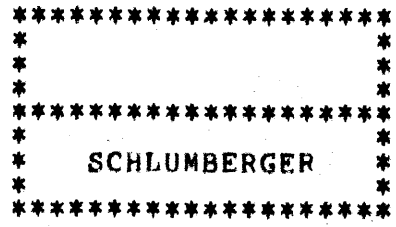
SHOT - SHOT NUMBER
DKB - MEASURED DEPTH FROM KELLY-BUSHING
DSRD - DEPTH FROM SRD
DGL - VERTICAL DEPTH RELATIVE TO GROUND LEVEL (USER'S REFERENCE)
SHTM - SHOT TIME (WST)
ADJS - ADJUSTED SONIC TRAVEL TIME
SHDR - DRIFT AT SHOT OR KNEE
REST - RESIDUAL TRAVEL TIME AT KNEE
INTV - INTERNAL VELOCITY, AVERAGE

(GLOBAL PARAMETERS)		(VALUE)	
ELEV OF DF AB. MSL (WST)	DF	: 20.7000	M
ELEV OF SRD AB. MSL(WST)	SRD	: 0	M
ELEV OF DERRICK FLOOR	EDF	: 20.7000	M
ELEV OF GL AB. SRD(WST)	GL	: -56.0000	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	: 2003.000	M/S	200.000	- 76.7000
		1480.000		76.7000	0

LEVEL NUMBER	MEASURED DEPTH FROM DF 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
								1480
1	76,70	56,00	0	37,83	37,83	0	0	2003
2	200,00	179,30	123,30	99,40	99,39	0	0	2315
3	500,00	479,30	423,30	228,55	228,97	6,21	-,42	2518
4	815,00	794,30	738,30	354,78	354,05	14,34	,74	2454
5	960,00	939,30	883,30	412,83	413,14	15,27	-,31	2704
6	1140,00	1119,30	1063,30	479,88	479,70	17,48	,18	2595
7	1292,00	1271,30	1215,30	538,90	538,27	18,66	,64	2768
8	1411,00	1390,30	1334,30	581,92	581,26	19,24	,66	2974
9	1606,00	1585,30	1529,30	645,95	646,82	19,29	-,88	2638
10	1710,00	1689,30	1633,30	684,95	686,25	20,42	-1,29	2891
11	1818,00	1797,30	1741,30	724,96	723,61	24,67	1,35	3116
12	1951,00	1930,30	1874,30	764,97	766,29	24,52	-1,32	3083
13	2125,00	2104,30	2048,30	822,98	822,74	30,74	,25	3303
14	2300,00	2279,30	2223,30	874,99	875,71	34,45	-,72	3352
15	2472,00	2451,30	2395,30	928,00	927,03	40,18	,97	3739
16	2696,00	2675,30	2619,30	987,01	986,93	39,54	,08	4028
17	2871,00	2850,30	2794,30	1029,01	1030,37	38,29	-1,36	4274
18	2989,00	2968,30	2912,30	1058,02	1057,98	39,85	,04	

ANALYST: M. SANDERS 23-AUG-85 16:47:25 PROGRAM: GTRFRM 007,E08



TIME CONVERTED VELOCITY REPORT

COMPANY : ESSO AUSTRALIA LTD.
WELL : SNAPPER #5
FIELD : WILDCAT
COUNTY : SUITE 1 RUN 1
STATE : VICTORIA
COUNTRY : AUSTRALIA
REFERENCE : 540,367

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 (GIRFRM)
UNFDEN - UNIFORM DENSITY VALUE

MATRIX

MVODIS - MOVE-OUT DISTANCE FROM BOREHOLE

ZONE

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

SAMPLED

TWOT - TWO WAY TRAVEL TIME (RELATIVE TO THE SEISMIC REFERENCE
DKB - MEASURED DEPTH FROM KELLY-BUSHING
DSRD - DEPTH FROM SRD
AVGV - AVERAGE SEISMIC VELOCITY
RMSV - ROOT MEAN SQUARE VELOCITY (SEISMIC)
MVOT - NORMAL MOVE-OUT
MVOT - NORMAL MOVE-OUT
MVOT - NORMAL MOVE-OUT
INTV - INTERNAL VELOCITY, AVERAGE

(GLOBAL PARAMETERS)		(VALUE)	
ELEV OF DF AB. MSL (WST)	DF	: 20.7000	M
ELEV OF SRD AB. MSL(WST)	SRD	: 0	M
ELEV OF GL AB. SRD(WST)	GL	: -56.0000	M
UNIFORM EARTH VELOCITY	UNERTH	: 2133.60	M/S
UNIFORM DENSITY VALUE	UNFDEN	: 2.30000	G/C3

(MATRIX PARAMETERS)

	MVOUT DIST M
1	914.4
2	1371.6
3	1828.8

(ZONED PARAMETERS)		(VALUE)		(LIMITS)
LAYER OPTION FLAG VELOC	LOFVEL	: 1.000000		30479.7 - 0
USER VELOC (WST)	LAYVEL	: 2003.000	M/S	200.000 - 76.7000
		1480.000		76.7000 0
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 DF 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
								1480
0	20.70	0						1480
2.00	22.18	1.48	1480	1480	615.84	924.76	1233.68	1480
4.00	23.66	2.96	1480	1480	613.85	922.77	1231.68	1480
6.00	25.14	4.44	1480	1480	611.87	920.78	1229.69	1480
8.00	26.62	5.92	1480	1480	609.89	918.79	1227.70	1480
10.00	28.10	7.40	1480	1480	607.92	916.81	1225.72	1480
12.00	29.58	8.88	1480	1480	605.95	914.83	1223.73	1480
14.00	31.06	10.36	1480	1480	604.00	912.86	1221.75	1480
16.00	32.54	11.84	1480	1480	602.05	910.89	1219.78	1480
18.00	34.02	13.32	1480	1480	600.10	908.93	1217.81	1480
20.00	35.50	14.80	1480	1480	598.16	906.97	1215.84	1480
22.00	36.98	16.28	1480	1480	596.23	905.02	1213.87	1480
24.00	38.46	17.76	1480	1480	594.30	903.07	1211.91	1480
26.00	39.94	19.24	1480	1480	592.38	901.12	1209.95	1480
28.00	41.42	20.72	1480	1480	590.47	899.18	1207.99	1480
30.00	42.90	22.20	1480	1480	588.57	897.24	1206.04	1480
32.00	44.38	23.68	1480	1480	586.67	895.31	1204.09	1480
34.00	45.86	25.16	1480	1480	584.77	893.38	1202.14	1480
36.00	47.34	26.64	1480	1480	582.89	891.46	1200.20	1480
38.00	48.82	28.12	1480	1480	581.01	889.54	1198.26	1480
40.00	50.30	29.60	1480	1480	579.13	887.62	1196.32	1480
42.00	51.78	31.08	1480	1480	577.26	885.71	1194.39	1480
44.00	53.26	32.56	1480	1480	575.40	883.80	1192.46	1480
46.00	54.74	34.04	1480	1480	573.55	881.90	1190.53	

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF 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
								1480
48.00	56.22	35.52	1480	1480	571.70	880.00	1188.61	1480
50.00	57.70	37.00	1480	1480	569.86	878.10	1186.69	1480
52.00	59.18	38.48	1480	1480	568.02	876.21	1184.77	1480
54.00	60.66	39.96	1480	1480	566.19	874.33	1182.85	1480
56.00	62.14	41.44	1480	1480	564.37	872.45	1180.94	1480
58.00	63.62	42.92	1480	1480	562.55	870.57	1179.04	1480
60.00	65.10	44.40	1480	1480	560.74	868.70	1177.13	1480
62.00	66.58	45.88	1480	1480	558.94	866.83	1175.23	1480
64.00	68.06	47.36	1480	1480	557.14	864.96	1173.33	1480
66.00	69.54	48.84	1480	1480	555.35	863.10	1171.44	1480
68.00	71.02	50.32	1480	1480	553.57	861.25	1169.55	1480
70.00	72.50	51.80	1480	1480	551.79	859.40	1167.66	1480
72.00	73.98	53.28	1480	1480	550.02	857.55	1165.77	1480
74.00	75.46	54.76	1480	1480	548.25	855.71	1163.89	1589
76.00	77.05	56.35	1483	1483	545.26	852.01	1159.53	2003
78.00	79.05	58.35	1496	1499	537.15	840.60	1144.87	2003
80.00	81.05	60.35	1509	1513	529.55	829.94	1131.20	2003
82.00	83.06	62.36	1521	1527	522.40	819.96	1118.44	2003
84.00	85.06	64.36	1532	1540	515.66	810.57	1106.46	2003
86.00	87.06	66.36	1543	1552	509.28	801.73	1095.20	2003
88.00	89.07	68.37	1554	1564	503.22	793.36	1084.58	2003
90.00	91.07	70.37	1564	1575	497.46	785.43	1074.53	2003
92.00	93.07	72.37	1573	1586	491.97	777.89	1065.01	2003
94.00	95.07	74.37	1582	1596	486.71	770.71	1055.96	

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF 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
								2003
96.00	97.08	76.38	1591	1605	481.69	763.86	1047.34	2003
98.00	99.08	78.38	1600	1614	476.86	757.30	1039.12	2003
100.00	101.08	80.38	1608	1623	472.22	751.02	1031.26	2003
102.00	103.08	82.38	1615	1631	467.76	744.99	1023.73	2003
104.00	105.09	84.39	1623	1639	463.45	739.19	1016.51	2003
106.00	107.09	86.39	1630	1647	459.29	733.61	1009.57	2003
108.00	109.09	88.39	1637	1654	455.27	728.23	1002.89	2003
110.00	111.09	90.39	1644	1661	451.37	723.03	996.46	2003
112.00	113.10	92.40	1650	1668	447.60	718.00	990.25	2003
114.00	115.10	94.40	1656	1674	443.93	713.13	984.25	2003
116.00	117.10	96.40	1662	1680	440.37	708.41	978.45	2003
118.00	119.11	98.41	1668	1686	436.91	703.84	972.83	2003
120.00	121.11	100.41	1673	1692	433.53	699.39	967.38	2003
122.00	123.11	102.41	1679	1698	430.25	695.07	962.09	2003
124.00	125.11	104.41	1684	1703	427.04	690.86	956.96	2003
126.00	127.12	106.42	1689	1708	423.92	686.76	951.96	2003
128.00	129.12	108.42	1694	1713	420.86	682.76	947.10	2003
130.00	131.12	110.42	1699	1718	417.88	678.86	942.37	2003
132.00	133.12	112.42	1703	1723	414.96	675.05	937.75	2003
134.00	135.13	114.43	1708	1727	412.10	671.33	933.25	2003
136.00	137.13	116.43	1712	1732	409.30	667.69	928.85	2003
138.00	139.13	118.43	1716	1736	406.56	664.13	924.56	2003
140.00	141.14	120.44	1721	1740	403.87	660.64	920.36	2003
142.00	143.14	122.44	1724	1744	401.23	657.23	916.25	

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF 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
								2003
144.00	145.14	124.44	1728	1748	398.64	653.88	912.23	2003
146.00	147.14	126.44	1732	1752	396.10	650.59	908.29	2003
148.00	149.15	128.45	1736	1755	393.60	647.37	904.43	2003
150.00	151.15	130.45	1739	1759	391.14	644.20	900.64	2003
152.00	153.15	132.45	1743	1762	388.73	641.09	896.92	2003
154.00	155.15	134.45	1746	1765	386.36	638.04	893.28	2003
156.00	157.16	136.46	1749	1769	384.02	635.03	889.69	2003
158.00	159.16	138.46	1753	1772	381.72	632.07	886.17	2003
160.00	161.16	140.46	1756	1775	379.46	629.16	882.71	2003
162.00	163.16	142.46	1759	1778	377.23	626.30	879.31	2003
164.00	165.17	144.47	1762	1781	375.03	623.48	875.96	2003
166.00	167.17	146.47	1765	1784	372.86	620.70	872.67	2003
168.00	169.17	148.47	1768	1786	370.73	617.96	869.42	2003
170.00	171.18	150.48	1770	1789	368.62	615.26	866.23	2003
172.00	173.18	152.48	1773	1792	366.55	612.60	863.08	2003
174.00	175.18	154.48	1776	1794	364.50	609.97	859.97	2003
176.00	177.18	156.48	1778	1797	362.48	607.38	856.91	2003
178.00	179.19	158.49	1781	1799	360.48	604.82	853.89	2003
180.00	181.19	160.49	1783	1802	358.51	602.30	850.91	2003
182.00	183.19	162.49	1786	1804	356.57	599.80	847.97	2003
184.00	185.19	164.49	1788	1806	354.65	597.34	845.07	2003
186.00	187.20	166.50	1790	1808	352.75	594.91	842.20	2003
188.00	189.20	168.50	1793	1811	350.87	592.50	839.37	2003
190.00	191.20	170.50	1795	1813	349.02	590.12	836.58	

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF 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	193.21	172.51	1797	1815	347.19	587.77	833.81	2003
194.00	195.21	174.51	1799	1817	345.37	585.44	831.08	2003
196.00	197.21	176.51	1801	1819	343.58	583.14	828.38	2003
198.00	199.21	178.51	1803	1821	341.81	580.87	825.71	2003
200.00	201.26	180.56	1806	1823	339.95	578.44	822.83	2042
202.00	203.35	182.65	1808	1826	337.95	575.80	819.65	2097
204.00	205.43	184.73	1811	1829	336.03	573.27	816.62	2080
206.00	207.55	186.85	1814	1832	334.02	570.60	813.41	2117
208.00	209.68	188.98	1817	1835	332.01	567.91	810.16	2130
210.00	211.83	191.13	1820	1838	329.97	565.17	806.83	2152
212.00	213.87	193.17	1822	1840	328.25	562.94	804.20	2037
214.00	215.99	195.29	1825	1843	326.34	560.38	801.12	2124
216.00	218.20	197.50	1829	1847	324.22	557.51	797.60	2207
218.00	220.34	199.64	1832	1850	322.30	554.93	794.49	2145
220.00	222.53	201.83	1835	1853	320.31	552.23	791.20	2183
222.00	224.57	203.87	1837	1855	318.68	550.11	788.69	2045
224.00	226.65	205.95	1839	1857	317.00	547.88	786.04	2078
226.00	228.74	208.04	1841	1859	315.30	545.64	783.36	2089
228.00	230.79	210.09	1843	1861	313.72	543.57	780.91	2048
230.00	232.58	211.88	1842	1860	312.71	542.39	779.68	1790
232.00	234.50	213.80	1843	1861	311.43	540.77	777.84	1926
234.00	236.46	215.76	1844	1862	310.08	539.04	775.85	1960
236.00	238.40	217.70	1845	1862	308.77	537.39	773.96	1942
238.00	240.43	219.73	1847	1864	307.30	535.45	771.68	2029

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF 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	242.60	221.90	1849	1867	305.52	533.03	768.74	2170
242.00	244.73	224.03	1851	1869	303.87	530.81	766.07	2123
244.00	246.74	226.04	1853	1870	302.47	528.97	763.92	2015
246.00	248.70	228.00	1854	1871	301.20	527.34	762.04	1955
248.00	250.63	229.93	1854	1871	299.98	525.78	760.26	1936
250.00	252.59	231.89	1855	1872	298.73	524.18	758.43	1952
252.00	254.52	233.82	1856	1872	297.53	522.65	756.67	1935
254.00	256.51	235.81	1857	1873	296.22	520.94	754.68	1992
256.00	258.52	237.82	1858	1874	294.91	519.21	752.65	2003
258.00	260.60	239.90	1860	1876	293.45	517.26	750.32	2080
260.00	262.60	241.90	1861	1877	292.15	515.54	748.31	2007
262.00	264.62	243.92	1862	1878	290.84	513.80	746.27	2019
264.00	266.59	245.89	1863	1879	289.64	512.24	744.45	1964
266.00	268.51	247.81	1863	1879	288.51	510.78	742.79	1928
268.00	270.52	249.82	1864	1880	287.25	509.11	740.84	2006
270.00	272.72	252.02	1867	1883	285.63	506.86	738.08	2204
272.00	274.90	254.20	1869	1885	284.08	504.71	735.44	2181
274.00	277.14	256.44	1872	1888	282.44	502.41	732.62	2232
276.00	279.42	258.72	1875	1891	280.72	499.98	729.60	2285
278.00	281.61	260.91	1877	1894	279.20	497.86	727.00	2192
280.00	284.96	264.26	1888	1908	275.06	491.50	718.58	3351
282.00	287.41	266.71	1892	1912	273.13	488.70	715.05	2447
284.00	289.66	268.96	1894	1915	271.60	486.54	712.39	2247
286.00	291.79	271.09	1896	1916	270.28	484.72	710.20	2132

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF 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	293.88	273.18	1897	1918	269.04	483.03	708.17	2091
290.00	295.92	275.22	1898	1919	267.90	481.49	706.35	2035
292.00	297.96	277.26	1899	1919	266.76	479.95	704.53	2041
294.00	300.17	279.47	1901	1922	265.36	477.98	702.12	2208
296.00	302.16	281.46	1902	1922	264.31	476.56	700.46	1998
298.00	304.13	283.43	1902	1922	263.30	475.23	698.91	1966
300.00	306.17	285.47	1903	1923	262.20	473.73	697.14	2039
302.00	308.27	287.57	1904	1924	261.01	472.09	695.16	2102
304.00	310.32	289.62	1905	1925	259.91	470.57	693.35	2053
306.00	312.42	291.72	1907	1926	258.74	468.95	691.40	2101
308.00	314.46	293.76	1908	1927	257.68	467.50	689.69	2032
310.00	316.70	296.00	1910	1929	256.32	465.55	687.27	2244
312.00	318.92	298.22	1912	1931	255.00	463.67	684.95	2222
314.00	321.20	300.50	1914	1934	253.62	461.68	682.48	2273
316.00	323.54	302.84	1917	1937	252.15	459.54	679.79	2342
318.00	325.86	305.16	1919	1939	250.73	457.47	677.20	2321
320.00	328.21	307.51	1922	1942	249.28	455.35	674.54	2351
322.00	330.55	309.85	1925	1945	247.86	453.28	671.93	2341
324.00	332.97	312.27	1928	1948	246.34	451.04	669.10	2415
326.00	335.41	314.71	1931	1952	244.80	448.74	666.18	2449
328.00	337.91	317.21	1934	1955	243.20	446.35	663.12	2499
330.00	340.55	319.85	1938	1960	241.40	443.63	659.60	2637
332.00	342.91	322.21	1941	1963	240.05	441.64	657.09	2359
334.00	345.38	324.68	1944	1966	238.56	439.40	654.24	2467

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF 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	347.74	327.04	1947	1969	237.23	437.44	651.77	2362
338.00	350.20	329.50	1950	1972	235.78	435.26	648.99	2465
340.00	352.37	331.67	1951	1973	234.73	433.76	647.14	2169
342.00	354.60	333.90	1953	1975	233.61	432.14	645.13	2227
344.00	356.79	336.09	1954	1976	232.55	430.60	643.24	2193
346.00	359.18	338.48	1957	1979	231.26	428.68	640.80	2383
348.00	361.77	341.07	1960	1983	229.71	426.31	637.73	2592
350.00	364.27	343.57	1963	1986	228.30	424.17	635.00	2498
352.00	366.61	345.91	1965	1988	227.10	422.39	632.75	2345
354.00	369.02	348.32	1968	1991	225.84	420.49	630.34	2409
356.00	371.18	350.48	1969	1992	224.88	419.10	628.63	2163
358.00	373.45	352.75	1971	1994	223.81	417.52	626.65	2267
360.00	375.84	355.14	1973	1996	222.60	415.70	624.33	2396
362.00	378.18	357.48	1975	1998	221.47	414.01	622.19	2336
364.00	380.57	359.87	1977	2001	220.29	412.22	619.91	2394
366.00	383.06	362.36	1980	2004	219.01	410.27	617.41	2483
368.00	385.69	364.99	1984	2008	217.56	408.02	614.48	2635
370.00	388.17	367.47	1986	2010	216.32	406.12	612.03	2482
372.00	390.71	370.01	1989	2014	215.02	404.12	609.44	2538
374.00	393.39	372.69	1993	2018	213.57	401.86	606.48	2678
376.00	395.81	375.11	1995	2020	212.44	400.12	604.26	2425
378.00	398.20	377.50	1997	2022	211.35	398.47	602.15	2388
380.00	400.74	380.04	2000	2025	210.12	396.55	599.67	2538
382.00	403.25	382.55	2003	2028	208.92	394.70	597.27	2513

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF 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	405.72	385.02	2005	2031	207.79	392.95	595.02	2469
386.00	408.23	387.53	2008	2033	206.62	391.15	592.69	2505
388.00	410.76	390.06	2011	2036	205.45	389.32	590.31	2530
390.00	413.21	392.51	2013	2039	204.37	387.65	588.16	2451
392.00	415.76	395.06	2016	2042	203.20	385.82	585.78	2550
394.00	418.25	397.55	2018	2044	202.10	384.11	583.56	2495
396.00	420.80	400.10	2021	2047	200.96	382.33	581.24	2542
398.00	423.35	402.65	2023	2050	199.83	380.55	578.92	2551
400.00	426.00	405.30	2026	2053	198.60	378.61	576.37	2651
402.00	428.45	407.75	2029	2055	197.59	377.04	574.34	2449
404.00	431.04	410.34	2031	2058	196.46	375.24	571.99	2590
406.00	433.67	412.97	2034	2062	195.30	373.40	569.56	2630
408.00	436.14	415.44	2036	2064	194.30	371.84	567.54	2470
410.00	438.92	418.22	2040	2068	193.01	369.75	564.77	2787
412.00	441.30	420.60	2042	2070	192.12	368.37	562.99	2375
414.00	443.92	423.22	2045	2073	191.02	366.61	560.67	2620
416.00	446.63	425.93	2048	2076	189.84	364.73	558.18	2707
418.00	449.14	428.44	2050	2078	188.87	363.18	556.15	2511
420.00	451.83	431.13	2053	2082	187.73	361.34	553.72	2698
422.00	454.43	433.73	2056	2085	186.69	359.69	551.53	2600
424.00	457.05	436.35	2058	2087	185.65	358.01	549.33	2619
426.00	459.59	438.89	2061	2090	184.69	356.48	547.31	2539
428.00	462.02	441.32	2062	2091	183.84	355.13	545.56	2423
430.00	464.75	444.05	2065	2095	182.72	353.32	543.15	2732

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
432.00	467.19	446.49	2067	2097	181.88	351.97	541.40	2439
434.00	469.48	448.78	2068	2098	181.15	350.83	539.93	2292
436.00	472.16	451.46	2071	2101	180.11	349.16	537.70	2677
438.00	474.53	453.83	2072	2102	179.34	347.93	536.11	2374
440.00	476.98	456.28	2074	2104	178.51	346.61	534.38	2449
442.00	479.49	458.79	2076	2106	177.64	345.21	532.55	2509
444.00	482.00	461.30	2078	2108	176.78	343.82	530.72	2512
446.00	484.62	463.92	2080	2110	175.85	342.30	528.69	2622
448.00	486.99	466.29	2082	2111	175.11	341.12	527.16	2370
450.00	489.74	469.04	2085	2115	174.08	339.43	524.89	2750
452.00	492.34	471.64	2087	2117	173.19	337.97	522.95	2601
454.00	494.84	474.14	2089	2119	172.38	336.66	521.22	2494
456.00	497.42	476.72	2091	2121	171.51	335.25	519.34	2585
458.00	500.08	479.38	2093	2124	170.60	333.75	517.33	2658
460.00	502.61	481.91	2095	2126	169.79	332.43	515.58	2530
462.00	505.42	484.72	2098	2129	168.78	330.74	513.30	2811
464.00	508.17	487.47	2101	2132	167.83	329.15	511.16	2755
466.00	510.96	490.26	2104	2135	166.85	327.53	508.96	2790
468.00	513.63	492.93	2107	2138	165.98	326.08	507.01	2671
470.00	516.41	495.71	2109	2141	165.04	324.51	504.89	2773
472.00	519.21	498.51	2112	2144	164.09	322.92	502.73	2802
474.00	521.81	501.11	2114	2147	163.30	321.61	500.97	2597
476.00	524.63	503.93	2117	2150	162.35	320.02	498.81	2821
478.00	527.25	506.55	2119	2152	161.55	318.69	497.02	2628

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
480.00	529.90	509.20	2122	2154	160.75	317.34	495.21	2649
482.00	532.60	511.90	2124	2157	159.92	315.96	493.34	2693
484.00	535.36	514.66	2127	2160	159.06	314.50	491.36	2760
486.00	537.95	517.25	2129	2162	158.31	313.26	489.68	2595
488.00	540.75	520.05	2131	2165	157.43	311.77	487.66	2803
490.00	543.42	522.72	2134	2167	156.66	310.47	485.89	2667
492.00	546.07	525.37	2136	2169	155.90	309.20	484.17	2646
494.00	548.74	528.04	2138	2171	155.13	307.90	482.41	2677
496.00	551.34	530.64	2140	2173	154.42	306.71	480.80	2592
498.00	554.02	533.32	2142	2176	153.66	305.42	479.06	2682
500.00	556.54	535.84	2143	2177	153.01	304.33	477.59	2521
502.00	559.46	538.76	2146	2180	152.11	302.79	475.46	2922
504.00	562.11	541.41	2148	2183	151.39	301.57	473.81	2649
506.00	564.89	544.19	2151	2185	150.61	300.23	471.97	2777
508.00	567.34	546.64	2152	2186	150.01	299.23	470.64	2457
510.00	569.91	549.21	2154	2188	149.36	298.14	469.15	2561
512.00	572.46	551.76	2155	2190	148.72	297.06	467.69	2557
514.00	575.02	554.32	2157	2191	148.09	295.97	466.23	2562
516.00	577.41	556.71	2158	2192	147.54	295.07	465.02	2386
518.00	580.03	559.33	2160	2194	146.88	293.95	463.49	2621
520.00	582.43	561.73	2160	2195	146.35	293.04	462.28	2397
522.00	585.04	564.34	2162	2196	145.70	291.95	460.78	2607
524.00	587.47	566.77	2163	2197	145.16	291.02	459.54	2433
526.00	589.92	569.22	2164	2198	144.60	290.09	458.28	2454

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
528.00	592.28	571.58	2165	2199	144.10	289.24	457.15	2358
530.00	594.87	574.17	2167	2200	143.48	288.19	455.71	2588
532.00	597.23	576.53	2167	2201	142.99	287.35	454.59	2358
534.00	599.80	579.10	2169	2203	142.39	286.33	453.20	2571
536.00	602.24	581.54	2170	2204	141.86	285.43	451.98	2446
538.00	604.78	584.08	2171	2205	141.29	284.45	450.64	2539
540.00	607.31	586.61	2173	2206	140.73	283.49	449.33	2526
542.00	609.95	589.25	2174	2208	140.11	282.42	447.86	2644
544.00	612.64	591.94	2176	2210	139.48	281.33	446.35	2685
546.00	615.29	594.59	2178	2212	138.88	280.28	444.90	2649
548.00	617.82	597.12	2179	2213	138.33	279.34	443.61	2533
550.00	620.44	599.74	2181	2215	137.75	278.32	442.22	2619
552.00	622.98	602.28	2182	2216	137.21	277.39	440.93	2539
554.00	625.69	604.99	2184	2218	136.59	276.31	439.44	2707
556.00	628.11	607.41	2185	2219	136.11	275.48	438.31	2428
558.00	630.75	610.05	2187	2220	135.54	274.48	436.93	2638
560.00	633.21	612.51	2188	2221	135.05	273.64	435.78	2454
562.00	635.84	615.14	2189	2223	134.49	272.66	434.41	2635
564.00	638.21	617.51	2190	2223	134.04	271.90	433.38	2366
566.00	640.90	620.20	2192	2225	133.46	270.88	431.96	2691
568.00	643.39	622.69	2193	2226	132.97	270.02	430.79	2498
570.00	646.05	625.35	2194	2228	132.41	269.04	429.42	2658
572.00	648.52	627.82	2195	2229	131.94	268.22	428.29	2472
574.00	650.98	630.28	2196	2229	131.48	267.41	427.18	2460

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF 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	653.59	632.89	2198	2231	130.95	266.49	425.90	2608
578.00	656.10	635.40	2199	2232	130.48	265.66	424.75	2507
580.00	658.86	638.16	2201	2234	129.89	264.62	423.29	2760
582.00	661.40	640.70	2202	2235	129.41	263.77	422.11	2542
584.00	664.11	643.41	2203	2237	128.86	262.79	420.73	2713
586.00	666.41	645.71	2204	2237	128.47	262.13	419.83	2298
588.00	668.87	648.17	2205	2238	128.03	261.36	418.77	2455
590.00	671.64	650.94	2207	2240	127.47	260.34	417.34	2770
592.00	674.12	653.42	2207	2241	127.02	259.56	416.26	2483
594.00	676.45	655.75	2208	2241	126.64	258.89	415.34	2335
596.00	678.90	658.20	2209	2242	126.21	258.14	414.31	2445
598.00	681.35	660.65	2210	2243	125.79	257.40	413.27	2454
600.00	684.00	663.30	2211	2244	125.29	256.51	412.02	2648
602.00	686.62	665.92	2212	2245	124.81	255.65	410.81	2623
604.00	689.04	668.34	2213	2246	124.41	254.94	409.83	2415
606.00	691.36	670.66	2213	2246	124.04	254.30	408.95	2324
608.00	693.83	673.13	2214	2247	123.62	253.56	407.92	2467
610.00	696.60	675.90	2216	2249	123.09	252.60	406.57	2771
612.00	699.19	678.49	2217	2250	122.64	251.79	405.42	2590
614.00	701.84	681.14	2219	2251	122.17	250.94	404.22	2646
616.00	704.40	683.70	2220	2253	121.73	250.15	403.11	2566
618.00	706.90	686.20	2221	2253	121.32	249.42	402.09	2495
620.00	709.18	688.48	2221	2253	120.98	248.83	401.28	2278
622.00	711.53	690.83	2221	2254	120.62	248.20	400.40	2349

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF 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	713.88	693.18	2222	2254	120.27	247.57	399.53	2354
626.00	716.33	695.63	2222	2255	119.88	246.88	398.57	2446
628.00	718.87	698.17	2223	2256	119.47	246.14	397.52	2539
630.00	721.58	700.88	2225	2257	118.99	245.27	396.28	2719
632.00	723.91	703.21	2225	2258	118.65	244.67	395.45	2328
634.00	726.18	705.48	2225	2258	118.34	244.11	394.67	2263
636.00	728.45	707.75	2226	2258	118.02	243.55	393.89	2274
638.00	730.73	710.03	2226	2258	117.70	242.98	393.11	2283
640.00	733.10	712.40	2226	2258	117.35	242.36	392.25	2363
642.00	735.56	714.86	2227	2259	116.98	241.69	391.30	2467
644.00	738.22	717.52	2228	2260	116.54	240.89	390.16	2660
646.00	740.92	720.22	2230	2262	116.10	240.08	389.00	2695
648.00	743.29	722.59	2230	2262	115.76	239.47	388.15	2377
650.00	745.67	724.97	2231	2262	115.42	238.87	387.30	2374
652.00	747.94	727.24	2231	2262	115.12	238.33	386.55	2272
654.00	750.26	729.56	2231	2262	114.80	237.76	385.76	2316
656.00	752.70	732.00	2232	2263	114.45	237.13	384.86	2442
658.00	755.14	734.44	2232	2264	114.11	236.50	383.97	2437
660.00	757.48	736.78	2233	2264	113.79	235.92	383.16	2349
662.00	759.90	739.20	2233	2264	113.45	235.31	382.29	2419
664.00	762.28	741.58	2234	2265	113.12	234.72	381.46	2379
666.00	764.56	743.86	2234	2265	112.83	234.19	380.72	2281
668.00	766.88	746.18	2234	2265	112.52	233.64	379.95	2321
670.00	769.25	748.55	2234	2265	112.21	233.07	379.14	2370

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF 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	771.66	750.96	2235	2266	111.88	232.47	378.30	2405
674.00	774.28	753.58	2236	2267	111.49	231.76	377.27	2617
676.00	776.76	756.06	2237	2267	111.15	231.13	376.37	2485
678.00	779.08	758.38	2237	2268	110.85	230.60	375.62	2317
680.00	781.37	760.67	2237	2268	110.57	230.07	374.88	2295
682.00	783.67	762;97	2237	2268	110.28	229.56	374.15	2293
684.00	786.00	765.30	2238	2268	109.98	229.02	373.39	2334
686.00	788.38	767.68	2238	2268	109.68	228.46	372.59	2383
688.00	790.80	770.10	2239	2269	109.36	227.88	371.77	2419
690.00	793.33	772.63	2240	2270	109.02	227.24	370.85	2527
692.00	796.01	775.31	2241	2271	108.63	226.52	369.81	2682
694.00	798.40	777.70	2241	2271	108.33	225.97	369.02	2388
696.00	800.77	780.07	2242	2271	108.03	225.43	368.25	2369
698.00	803.14	782.44	2242	2272	107.74	224.89	367.48	2368
700.00	805.50	784.80	2242	2272	107.45	224.36	366.72	2369
702.00	807.84	787.14	2243	2272	107.16	223.84	365.98	2339
704.00	810.28	789.58	2243	2273	106.86	223.27	365.16	2439
706.00	812.59	791.89	2243	2273	106.58	222.77	364.45	2310
708.00	814.90	794.20	2244	2273	106.31	222.27	363.74	2311
710.00	817.23	796.53	2244	2273	106.04	221.77	363.02	2332
712.00	819.54	798.85	2244	2273	105.77	221.28	362.32	2310
714.00	821.83	801.13	2244	2273	105.51	220.80	361.64	2281
716.00	824.21	803.51	2244	2274	105.23	220.27	360.88	2386
718.00	826.59	805.89	2245	2274	104.94	219.75	360.13	2378

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF 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	828.91	808.21	2245	2274	104.68	219.26	359.43	2317
722.00	831.23	810.53	2245	2274	104.41	218.77	358.74	2319
724.00	833.56	812.86	2245	2274	104.15	218.28	358.03	2336
726.00	835.93	815.23	2246	2275	103.87	217.77	357.30	2369
728.00	838.25	817.55	2246	2275	103.61	217.29	356.61	2316
730.00	840.68	819.98	2247	2275	103.33	216.76	355.83	2436
732.00	843.17	822.47	2247	2276	103.03	216.20	355.02	2486
734.00	845.47	824.77	2247	2276	102.78	215.73	354.35	2299
736.00	847.84	827.14	2248	2276	102.51	215.24	353.64	2367
738.00	850.21	829.51	2248	2276	102.24	214.74	352.92	2376
740.00	852.54	831.84	2248	2276	101.99	214.27	352.23	2326
742.00	855.00	834.30	2249	2277	101.70	213.73	351.46	2458
744.00	857.36	836.66	2249	2277	101.44	213.25	350.76	2359
746.00	859.62	838.92	2249	2277	101.21	212.81	350.12	2269
748.00	862.02	841.32	2250	2278	100.94	212.31	349.40	2399
750.00	864.61	843.91	2250	2278	100.63	211.72	348.54	2585
752.00	866.99	846.29	2251	2279	100.37	211.24	347.83	2381
754.00	869.33	848.63	2251	2279	100.12	210.77	347.16	2339
756.00	871.78	851.08	2252	2279	99.85	210.26	346.41	2457
758.00	874.29	853.59	2252	2280	99.57	209.72	345.62	2501
760.00	876.64	855.94	2252	2280	99.32	209.26	344.95	2353
762.00	879.09	858.39	2253	2281	99.05	208.75	344.21	2449
764.00	881.50	860.80	2253	2281	98.79	208.27	343.50	2409
766.00	883.95	863.25	2254	2281	98.53	207.76	342.76	2450

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF 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	886.37	865.67	2254	2282	98.27	207.28	342.05	2423
770.00	888.80	868.10	2255	2282	98.01	206.79	341.33	2434
772.00	891.25	870.55	2255	2283	97.75	206.29	340.61	2444
774.00	893.62	872.92	2256	2283	97.50	205.83	339.93	2375
776.00	896.10	875.40	2256	2283	97.24	205.33	339.19	2474
778.00	898.52	877.82	2257	2284	96.99	204.85	338.49	2429
780.00	900.91	880.21	2257	2284	96.74	204.39	337.82	2388
782.00	903.33	882.63	2257	2284	96.49	203.92	337.12	2419
784.00	905.72	885.02	2258	2285	96.25	203.46	336.46	2386
786.00	908.17	887.47	2258	2285	96.00	202.98	335.75	2448
788.00	910.56	889.86	2259	2285	95.76	202.53	335.08	2391
790.00	913.00	892.30	2259	2286	95.51	202.06	334.38	2445
792.00	915.52	894.82	2260	2286	95.25	201.55	333.63	2519
794.00	917.87	897.17	2260	2287	95.02	201.12	333.00	2354
796.00	920.32	899.62	2260	2287	94.78	200.65	332.31	2443
798.00	922.81	902.11	2261	2287	94.52	200.17	331.59	2489
800.00	925.32	904.62	2262	2288	94.26	199.67	330.85	2516
802.00	927.89	907.19	2262	2289	94.00	199.16	330.09	2571
804.00	930.48	909.78	2263	2290	93.73	198.64	329.31	2585
806.00	933.08	912.38	2264	2290	93.45	198.11	328.52	2606
808.00	935.68	914.98	2265	2291	93.18	197.59	327.75	2592
810.00	938.32	917.62	2266	2292	92.90	197.05	326.94	2647
812.00	940.99	920.29	2267	2293	92.62	196.51	326.12	2669
814.00	943.61	922.91	2268	2294	92.35	195.99	325.35	2614

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF 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	946.28	925.58	2269	2295	92.07	195.45	324.53	2670
818.00	948.97	928.27	2270	2296	91.79	194.90	323.71	2696
820.00	951.61	930.92	2271	2297	91.52	194.37	322.92	2641
822.00	954.21	933.51	2271	2298	91.26	193.87	322.17	2596
824.00	956.89	936.19	2272	2299	90.99	193.34	321.37	2678
826.00	959.65	938.95	2273	2300	90.70	192.78	320.52	2757
828.00	962.21	941.51	2274	2301	90.45	192.29	319.80	2566
830.00	964.72	944.02	2275	2301	90.21	191.84	319.12	2504
832.00	967.19	946.49	2275	2302	89.99	191.40	318.46	2475
834.00	969.79	949.09	2276	2302	89.74	190.91	317.73	2595
836.00	972.46	951.76	2277	2303	89.47	190.40	316.95	2679
838.00	975.25	954.55	2278	2305	89.18	189.84	316.10	2784
840.00	977.96	957.26	2279	2306	88.91	189.31	315.30	2716
842.00	980.75	960.05	2280	2307	88.63	188.76	314.46	2784
844.00	983.80	963.10	2282	2309	88.29	188.08	313.43	3053
846.00	986.57	965.87	2283	2310	88.01	187.55	312.61	2764
848.00	989.21	968.51	2284	2311	87.77	187.06	311.88	2645
850.00	991.87	971.17	2285	2312	87.51	186.57	311.14	2659
852.00	994.80	974.10	2287	2314	87.21	185.97	310.22	2928
854.00	997.67	976.97	2288	2315	86.92	185.40	309.35	2867
856.00	1000.46	979.76	2289	2316	86.65	184.87	308.54	2791
858.00	1003.34	982.64	2291	2318	86.36	184.30	307.67	2879
860.00	1006.27	985.57	2292	2319	86.06	183.71	306.77	2933
862.00	1009.13	988.43	2293	2321	85.78	183.16	305.92	2859

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF 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
								2609
864.00	1011.74	991.04	2294	2321	85.55	182.71	305.24	
								2773
866.00	1014.51	993.81	2295	2323	85.29	182.19	304.45	
								2782
868.00	1017.29	996.59	2296	2324	85.03	181.68	303.67	
								2659
870.00	1019.95	999.25	2297	2325	84.80	181.22	302.96	
								2809
872.00	1022.76	1002.06	2298	2326	84.53	180.70	302.17	
								2623
874.00	1025.38	1004.68	2299	2327	84.31	180.25	301.49	
								2680
876.00	1028.06	1007.36	2300	2327	84.07	179.79	300.79	
								2588
878.00	1030.65	1009.95	2301	2328	83.85	179.36	300.13	
								2622
880.00	1033.27	1012.57	2301	2329	83.63	178.92	299.47	
								2791
882.00	1036.06	1015.36	2302	2330	83.38	178.42	298.70	
								3035
884.00	1039.10	1018.40	2304	2332	83.08	177.83	297.79	
								2810
886.00	1041.91	1021.21	2305	2333	82.83	177.33	297.02	
								3131
888.00	1045.04	1024.34	2307	2335	82.52	176.70	296.05	
								3049
890.00	1048.09	1027.39	2309	2337	82.22	176.12	295.14	
								2698
892.00	1050.79	1030.09	2310	2338	81.99	175.67	294.45	
								2709
894.00	1053.50	1032.80	2311	2339	81.77	175.21	293.76	
								2777
896.00	1056.27	1035.57	2312	2340	81.53	174.74	293.03	
								2688
898.00	1058.96	1038.26	2312	2341	81.30	174.30	292.35	
								2901
900.00	1061.86	1041.16	2314	2342	81.05	173.79	291.56	
								2915
902.00	1064.78	1044.08	2315	2343	80.79	173.27	290.76	
								2703
904.00	1067.48	1046.78	2316	2344	80.57	172.83	290.08	
								2641
906.00	1070.12	1049.42	2317	2345	80.36	172.42	289.45	
								2663
908.00	1072.78	1052.08	2317	2346	80.15	172.00	288.80	
								2704
910.00	1075.49	1054.79	2318	2346	79.93	171.56	288.14	

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF 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	1078.11	1057.41	2319	2347	79.72	171.16	287.52	2626
914.00	1080.77	1060.07	2320	2348	79.52	170.75	286.88	2652
916.00	1083.44	1062.74	2320	2349	79.31	170.33	286.24	2673
918.00	1086.05	1065.35	2321	2349	79.11	169.94	285.64	2613
920.00	1088.70	1068.00	2322	2350	78.91	169.53	285.02	2648
922.00	1091.57	1070.87	2323	2351	78.67	169.06	284.28	2870
924.00	1094.22	1073.52	2324	2352	78.47	168.66	283.66	2649
926.00	1096.90	1076.20	2324	2353	78.26	168.25	283.03	2680
928.00	1099.53	1078.83	2325	2353	78.07	167.86	282.43	2631
930.00	1102.35	1081.65	2326	2354	77.84	167.41	281.73	2818
932.00	1105.19	1084.49	2327	2355	77.62	166.95	281.02	2840
934.00	1107.86	1087.16	2328	2356	77.42	166.56	280.41	2668
936.00	1110.44	1089.74	2328	2357	77.23	166.19	279.84	2578
938.00	1113.02	1092.32	2329	2357	77.05	165.82	279.28	2581
940.00	1115.60	1094.90	2330	2358	76.87	165.46	278.72	2583
942.00	1118.06	1097.36	2330	2358	76.70	165.13	278.21	2465
944.00	1120.59	1099.89	2330	2358	76.53	164.78	277.68	2523
946.00	1123.19	1102.49	2331	2359	76.34	164.42	277.11	2600
948.00	1125.74	1105.04	2331	2359	76.17	164.07	276.57	2551
950.00	1128.19	1107.49	2332	2359	76.01	163.75	276.08	2448
952.00	1130.72	1110.02	2332	2360	75.84	163.41	275.55	2535
954.00	1133.14	1112.44	2332	2360	75.68	163.10	275.08	2422
956.00	1135.69	1114.99	2333	2360	75.51	162.75	274.55	2546
958.00	1138.24	1117.54	2333	2361	75.34	162.41	274.02	2546

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF 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	1140.75	1120.05	2333	2361	75.17	162.08	273.51	2515
962.00	1143.20	1122.50	2334	2361	75.02	161.77	273.02	2454
964.00	1145.81	1125.11	2334	2362	74.84	161.41	272.47	2601
966.00	1148.24	1127.54	2334	2362	74.69	161.11	272.00	2434
968.00	1150.67	1129.97	2335	2362	74.54	160.80	271.53	2429
970.00	1153.18	1132.48	2335	2362	74.37	160.48	271.03	2514
972.00	1155.68	1134.98	2335	2363	74.21	160.16	270.54	2498
974.00	1158.22	1137.52	2336	2363	74.05	159.83	270.02	2542
976.00	1160.82	1140.12	2336	2364	73.88	159.49	269.49	2593
978.00	1163.36	1142.66	2337	2364	73.71	159.16	268.98	2540
980.00	1165.93	1145.23	2337	2364	73.55	158.82	268.46	2575
982.00	1168.45	1147.75	2338	2365	73.39	158.50	267.97	2515
984.00	1170.96	1150.26	2338	2365	73.23	158.19	267.47	2519
986.00	1173.44	1152.74	2338	2365	73.08	157.88	267.00	2475
988.00	1176.02	1155.32	2339	2366	72.91	157.55	266.48	2577
990.00	1178.52	1157.82	2339	2366	72.76	157.24	266.00	2502
992.00	1181.17	1160.47	2340	2367	72.59	156.89	265.46	2648
994.00	1183.65	1162.95	2340	2367	72.44	156.59	264.99	2482
996.00	1186.23	1165.53	2340	2367	72.28	156.26	264.48	2581
998.00	1188.74	1168.04	2341	2368	72.12	155.96	264.00	2507
1000.00	1191.25	1170.55	2341	2368	71.97	155.65	263.53	2510
1002.00	1193.87	1173.17	2342	2368	71.81	155.32	263.00	2621
1004.00	1196.39	1175.69	2342	2369	71.66	155.01	262.53	2522
1006.00	1198.87	1178.17	2342	2369	71.51	154.72	262.07	2480

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF 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	1201.26	1180.56	2342	2369	71.37	154.45	261.65	2388
1010.00	1203.63	1182.93	2342	2369	71.24	154.18	261.24	2368
1012.00	1206.02	1185.32	2343	2369	71.11	153.91	260.82	2392
1014.00	1208.46	1187.76	2343	2369	70.97	153.63	260.38	2442
1016.00	1210.83	1190.13	2343	2369	70.84	153.37	259.97	2366
1018.00	1213.26	1192.56	2343	2369	70.70	153.09	259.54	2431
1020.00	1215.64	1194.94	2343	2369	70.57	152.83	259.13	2379
1022.00	1218.13	1197.43	2343	2370	70.43	152.54	258.68	2491
1024.00	1220.77	1200.07	2344	2370	70.27	152.21	258.16	2643
1026.00	1223.43	1202.73	2344	2371	70.10	151.88	257.64	2659
1028.00	1226.14	1205.44	2345	2371	69.93	151.54	257.10	2714
1030.00	1228.82	1208.12	2346	2372	69.77	151.20	256.58	2682
1032.00	1231.65	1210.95	2347	2373	69.59	150.83	255.99	2829
1034.00	1234.39	1213.69	2348	2374	69.42	150.49	255.45	2732
1036.00	1237.12	1216.42	2348	2375	69.25	150.15	254.91	2733
1038.00	1239.94	1219.24	2349	2376	69.07	149.78	254.33	2824
1040.00	1242.68	1221.98	2350	2376	68.91	149.44	253.79	2741
1042.00	1245.37	1224.67	2351	2377	68.75	149.12	253.28	2682
1044.00	1247.99	1227.29	2351	2377	68.60	148.81	252.80	2620
1046.00	1250.64	1229.94	2352	2378	68.44	148.49	252.30	2653
1048.00	1253.38	1232.68	2352	2379	68.28	148.16	251.77	2741
1050.00	1256.19	1235.49	2353	2380	68.11	147.81	251.21	2805
1052.00	1258.92	1238.22	2354	2380	67.95	147.48	250.69	2737
1054.00	1261.50	1240.80	2354	2381	67.80	147.19	250.23	2579

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF 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
								2454
1056.00	1263.96	1243.26	2355	2381	67.67	146.93	249.82	
								2499
1058.00	1266.45	1245.75	2355	2381	67.54	146.65	249.40	
								2539
1060.00	1268.99	1248.29	2355	2381	67.40	146.38	248.96	
								2592
1062.00	1271.59	1250.89	2356	2382	67.26	146.09	248.50	
								2528
1064.00	1274.11	1253.41	2356	2382	67.13	145.81	248.07	
								2548
1066.00	1276.66	1255.96	2356	2382	66.99	145.53	247.63	
								2837
1068.00	1279.50	1258.80	2357	2383	66.82	145.19	247.08	
								2761
1070.00	1282.26	1261.56	2358	2384	66.66	144.86	246.56	
								3086
1072.00	1285.34	1264.64	2359	2386	66.47	144.45	245.90	
								2861
1074.00	1288.21	1267.51	2360	2387	66.30	144.10	245.35	
								2998
1076.00	1291.20	1270.50	2362	2388	66.11	143.72	244.74	
								2833
1078.00	1294.04	1273.34	2362	2389	65.95	143.39	244.20	
								2678
1080.00	1296.72	1276.01	2363	2389	65.80	143.09	243.73	
								2738
1082.00	1299.45	1278.75	2364	2390	65.65	142.78	243.23	
								2469
1084.00	1301.92	1281.22	2364	2390	65.53	142.53	242.84	
								2562
1086.00	1304.48	1283.78	2364	2390	65.40	142.26	242.41	
								2576
1088.00	1307.06	1286.36	2365	2391	65.27	141.99	241.98	
								3054
1090.00	1310.11	1289.41	2366	2392	65.08	141.60	241.36	
								2863
1092.00	1312.98	1292.28	2367	2393	64.92	141.27	240.83	
								2973
1094.00	1315.95	1295.25	2368	2394	64.74	140.91	240.25	
								3065
1096.00	1319.02	1298.32	2369	2396	64.56	140.52	239.64	
								3074
1098.00	1322.09	1301.39	2370	2397	64.37	140.14	239.02	
								2823
1100.00	1324.91	1304.21	2371	2398	64.22	139.82	238.51	
								3005
1102.00	1327.92	1307.22	2372	2399	64.04	139.46	237.93	

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF 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	1330.98	1310.28	2374	2401	63.86	139.09	237.33	3067
1106.00	1333.96	1313.26	2375	2402	63.69	138.74	236.77	2972
1108.00	1337.03	1316.33	2376	2403	63.51	138.36	236.17	3076
1110.00	1339.82	1319.12	2377	2404	63.37	138.06	235.68	2789
1112.00	1342.83	1322.12	2378	2405	63.20	137.71	235.11	3004
1114.00	1345.89	1325.19	2379	2406	63.02	137.34	234.53	3062
1116.00	1348.55	1327.85	2380	2407	62.89	137.07	234.09	2664
1118.00	1351.32	1330.62	2380	2408	62.75	136.78	233.62	2771
1120.00	1354.21	1333.51	2381	2409	62.59	136.46	233.11	2884
1122.00	1357.48	1336.78	2383	2410	62.40	136.05	232.45	3273
1124.00	1360.18	1339.48	2383	2411	62.26	135.77	232.01	2703
1126.00	1362.86	1342.16	2384	2411	62.13	135.50	231.58	2678
1128.00	1365.64	1344.94	2385	2412	61.99	135.21	231.11	2783
1130.00	1368.74	1348.04	2386	2414	61.82	134.85	230.53	3098
1132.00	1371.53	1350.83	2387	2414	61.68	134.56	230.07	2791
1134.00	1373.77	1353.07	2386	2414	61.59	134.38	229.78	2237
1136.00	1376.47	1355.77	2387	2415	61.46	134.12	229.35	2702
1138.00	1379.04	1358.34	2387	2415	61.35	133.88	228.97	2562
1140.00	1381.74	1361.04	2388	2415	61.22	133.61	228.54	2704
1142.00	1384.31	1363.61	2388	2416	61.10	133.37	228.16	2568
1144.00	1387.01	1366.31	2389	2416	60.98	133.11	227.74	2700
1146.00	1389.63	1368.93	2389	2416	60.86	132.86	227.34	2628
1148.00	1392.20	1371.50	2389	2417	60.74	132.63	226.96	2564
1150.00	1394.86	1374.16	2390	2417	60.62	132.37	226.56	2663

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF 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	1396,98	1376,28	2389	2417	60,54	132,22	226,31	2114
1154,00	1399,33	1378,63	2389	2417	60,45	132,02	226,00	2352
1156,00	1401,58	1380,88	2389	2416	60,36	131,85	225,72	2251
1158,00	1404,22	1383,52	2389	2417	60,25	131,60	225,33	2637
1160,00	1406,99	1386,29	2390	2417	60,11	131,33	224,89	2771
1162,00	1410,24	1389,54	2392	2419	59,94	130,95	224,28	3249
1164,00	1413,02	1392,32	2392	2420	59,81	130,68	223,84	2782
1166,00	1416,11	1395,41	2394	2421	59,64	130,35	223,30	3094
1168,00	1418,57	1397,87	2394	2421	59,54	130,14	222,97	2456
1170,00	1421,47	1400,77	2394	2422	59,40	129,85	222,49	2900
1172,00	1424,43	1403,73	2395	2423	59,26	129,54	222,00	2963
1174,00	1427,37	1406,67	2396	2424	59,12	129,24	221,52	2944
1176,00	1430,39	1409,69	2397	2425	58,97	128,93	221,01	3016
1178,00	1433,50	1412,80	2399	2426	58,81	128,60	220,47	3107
1180,00	1436,51	1415,81	2400	2428	58,66	128,29	219,97	3017
1182,00	1439,36	1418,66	2400	2428	58,53	128,02	219,53	2842
1184,00	1442,09	1421,39	2401	2429	58,41	127,77	219,13	2733
1186,00	1445,27	1424,57	2402	2430	58,25	127,43	218,57	3179
1188,00	1447,67	1426,97	2402	2430	58,16	127,24	218,27	2397
1190,00	1449,77	1429,07	2402	2430	58,09	127,10	218,05	2105
1192,00	1451,86	1431,16	2401	2429	58,02	126,96	217,82	2091
1194,00	1453,96	1433,26	2401	2429	57,95	126,82	217,60	2102
1196,00	1456,03	1435,33	2400	2428	57,88	126,68	217,38	2070
1198,00	1458,79	1438,09	2401	2429	57,77	126,43	216,98	2752

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM OF 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	1461.98	1441.28	2402	2430	57.60	126.10	216.43	3197
1202.00	1464.83	1444.13	2403	2431	57.48	125.83	216.00	2845
1204.00	1467.81	1447.11	2404	2432	57.34	125.54	215.53	2985
1206.00	1471.08	1450.38	2405	2434	57.17	125.19	214.96	3268
1208.00	1474.39	1453.69	2407	2435	57.01	124.84	214.38	3307
1210.00	1478.39	1457.69	2409	2439	56.76	124.32	213.53	4001
1212.00	1483.10	1462.40	2413	2444	56.42	123.60	212.34	4712
1214.00	1486.37	1465.67	2415	2446	56.26	123.26	211.79	3265
1216.00	1489.95	1469.25	2417	2448	56.07	122.86	211.12	3582
1218.00	1494.09	1473.39	2419	2452	55.82	122.32	210.23	4144
1220.00	1496.96	1476.26	2420	2453	55.69	122.07	209.82	2867
1222.00	1499.57	1478.87	2420	2453	55.60	121.86	209.48	2615
1224.00	1502.25	1481.55	2421	2453	55.49	121.64	209.13	2677
1226.00	1505.29	1484.59	2422	2454	55.36	121.36	208.67	3041
1228.00	1508.03	1487.33	2422	2455	55.25	121.13	208.31	2733
1230.00	1510.60	1489.90	2423	2455	55.16	120.94	207.99	2570
1232.00	1513.39	1492.69	2423	2456	55.04	120.70	207.60	2795
1234.00	1516.16	1495.46	2424	2456	54.94	120.47	207.23	2766
1236.00	1519.00	1498.30	2424	2457	54.82	120.23	206.84	2840
1238.00	1521.95	1501.25	2425	2458	54.70	119.97	206.42	2955
1240.00	1524.99	1504.29	2426	2459	54.57	119.70	205.97	3035
1242.00	1528.16	1507.46	2427	2460	54.43	119.40	205.48	3168
1244.00	1531.60	1510.90	2429	2462	54.26	119.05	204.90	3444
1246.00	1535.69	1514.99	2432	2465	54.03	118.56	204.09	4087

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF 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
								4322
1248.00	1540.01	1519.31	2435	2470	53.77	118.01	203.18	2810
1250.00	1542.82	1522.12	2435	2470	53.66	117.78	202.81	2862
1252.00	1545.68	1524.98	2436	2471	53.55	117.55	202.43	2746
1254.00	1548.43	1527.73	2437	2471	53.45	117.34	202.08	2987
1256.00	1551.41	1530.71	2437	2472	53.33	117.08	201.66	2982
1258.00	1554.40	1533.70	2438	2473	53.21	116.83	201.25	2920
1260.00	1557.32	1536.62	2439	2474	53.10	116.59	200.86	3013
1262.00	1560.33	1539.63	2440	2475	52.98	116.34	200.44	2767
1264.00	1563.10	1542.40	2441	2475	52.88	116.13	200.09	2455
1266.00	1565.55	1544.85	2441	2475	52.80	115.96	199.82	2904
1268.00	1568.46	1547.76	2441	2476	52.69	115.73	199.44	2804
1270.00	1571.26	1550.56	2442	2477	52.58	115.51	199.09	2905
1272.00	1574.16	1553.46	2443	2477	52.47	115.28	198.71	2532
1274.00	1576.70	1556.00	2443	2477	52.39	115.11	198.42	2880
1276.00	1579.58	1558.88	2443	2478	52.28	114.88	198.05	2883
1278.00	1582.46	1561.76	2444	2479	52.18	114.65	197.68	2967
1280.00	1585.43	1564.73	2445	2480	52.07	114.42	197.29	2976
1282.00	1588.40	1567.70	2446	2480	51.95	114.18	196.90	2988
1284.00	1591.39	1570.69	2447	2481	51.84	113.94	196.50	3063
1286.00	1594.45	1573.75	2448	2482	51.72	113.68	196.09	3138
1288.00	1597.59	1576.89	2449	2483	51.60	113.42	195.66	3082
1290.00	1600.67	1579.97	2450	2484	51.48	113.17	195.24	2978
1292.00	1603.65	1582.95	2450	2485	51.37	112.93	194.85	2746
1294.00	1606.40	1585.70	2451	2486	51.27	112.74	194.53	

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF 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
								2075
1296.00	1608.47	1587.77	2450	2485	51.22	112.63	194.35	
								2064
1298.00	1610.54	1589.84	2450	2485	51.17	112.52	194.18	
								2052
1300.00	1612.59	1591.89	2449	2484	51.12	112.41	194.01	
								2028
1302.00	1614.62	1593.92	2448	2483	51.07	112.31	193.84	
								2037
1304.00	1616.65	1595.95	2448	2483	51.02	112.20	193.67	
								2033
1306.00	1618.69	1597.99	2447	2482	50.97	112.10	193.51	
								2012
1308.00	1620.70	1600.00	2446	2481	50.92	112.00	193.34	
								2489
1310.00	1623.19	1602.49	2447	2481	50.84	111.84	193.09	
								3052
1312.00	1626.24	1605.54	2447	2482	50.73	111.60	192.69	
								2933
1314.00	1629.17	1608.47	2448	2483	50.62	111.38	192.32	
								2974
1316.00	1632.15	1611.45	2449	2484	50.52	111.15	191.95	
								2949
1318.00	1635.10	1614.40	2450	2485	50.41	110.93	191.58	
								2980
1320.00	1638.08	1617.37	2451	2486	50.31	110.70	191.21	
								2900
1322.00	1640.97	1620.27	2451	2486	50.21	110.49	190.86	
								2751
1324.00	1643.73	1623.03	2452	2487	50.12	110.30	190.55	
								2543
1326.00	1646.27	1625.57	2452	2487	50.04	110.14	190.28	
								3332
1328.00	1649.60	1628.90	2453	2488	49.91	109.86	189.82	
								2958
1330.00	1652.56	1631.86	2454	2489	49.81	109.64	189.46	
								2956
1332.00	1655.52	1634.82	2455	2490	49.70	109.43	189.10	
								2977
1334.00	1658.49	1637.79	2455	2491	49.60	109.21	188.74	
								2966
1336.00	1661.46	1640.76	2456	2491	49.50	108.99	188.38	
								2938
1338.00	1664.40	1643.70	2457	2492	49.40	108.78	188.03	
								3317
1340.00	1667.71	1647.01	2458	2494	49.27	108.51	187.58	
								2494
1342.00	1670.21	1649.51	2458	2494	49.20	108.36	187.34	

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF 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	1672.41	1651.71	2458	2493	49.15	108.24	187.15	2203
1346.00	1674.46	1653.76	2457	2493	49.10	108.14	186.99	2050
1348.00	1676.58	1655.88	2457	2492	49.05	108.04	186.82	2117
1350.00	1678.61	1657.91	2456	2491	49.00	107.94	186.66	2035
1352.00	1681.25	1660.55	2456	2492	48.92	107.78	186.39	2635
1354.00	1683.43	1662.73	2456	2491	48.87	107.66	186.21	2179
1356.00	1686.43	1665.73	2457	2492	48.77	107.45	185.85	3008
1358.00	1689.38	1668.68	2458	2493	48.67	107.24	185.50	2950
1360.00	1692.50	1671.80	2459	2494	48.56	107.01	185.12	3112
1362.00	1695.58	1674.88	2459	2495	48.46	106.78	184.75	3081
1364.00	1698.17	1677.47	2460	2495	48.38	106.63	184.49	2595
1366.00	1700.63	1679.93	2460	2495	48.32	106.49	184.26	2455
1368.00	1703.56	1682.86	2460	2496	48.22	106.28	183.93	2928
1370.00	1706.40	1685.70	2461	2496	48.13	106.10	183.61	2846
1372.00	1709.33	1688.63	2462	2497	48.04	105.90	183.28	2927
1374.00	1712.21	1691.51	2462	2497	47.95	105.70	182.97	2876
1376.00	1715.09	1694.39	2463	2498	47.86	105.51	182.65	2886
1378.00	1717.99	1697.29	2463	2499	47.77	105.32	182.33	2903
1380.00	1721.22	1700.52	2465	2500	47.66	105.08	181.93	3229
1382.00	1724.05	1703.35	2465	2500	47.57	104.90	181.62	2826
1384.00	1727.04	1706.34	2466	2501	47.48	104.69	181.29	2987
1386.00	1731.00	1710.30	2468	2504	47.31	104.33	180.68	3967
1388.00	1734.52	1713.82	2469	2506	47.18	104.05	180.21	3519
1390.00	1737.67	1716.97	2470	2507	47.07	103.83	179.84	3148

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF 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	1740.26	1719.56	2471	2507	47.00	103.68	179.60	2588
1394.00	1742.67	1721.97	2471	2507	46.94	103.55	179.39	2415
1396.00	1745.17	1724.47	2471	2507	46.88	103.41	179.16	2499
1398.00	1748.02	1727.32	2471	2507	46.79	103.24	178.86	2846
1400.00	1751.40	1730.70	2472	2509	46.67	102.98	178.44	3382
1402.00	1754.35	1733.65	2473	2509	46.59	102.79	178.12	2950
1404.00	1757.10	1736.39	2473	2510	46.51	102.63	177.85	2743
1406.00	1759.50	1738.80	2473	2509	46.45	102.50	177.65	2401
1408.00	1762.69	1741.99	2474	2511	46.35	102.28	177.28	3193
1410.00	1765.63	1744.93	2475	2511	46.26	102.09	176.96	2942
1412.00	1768.51	1747.81	2476	2512	46.17	101.91	176.67	2881
1414.00	1771.84	1751.14	2477	2513	46.06	101.67	176.27	3324
1416.00	1774.14	1753.44	2477	2513	46.01	101.56	176.08	2303
1418.00	1777.51	1756.81	2478	2514	45.90	101.32	175.67	3370
1420.00	1780.74	1760.04	2479	2515	45.79	101.10	175.30	3229
1422.00	1783.16	1762.46	2479	2515	45.73	100.97	175.10	2424
1424.00	1786.60	1765.90	2480	2517	45.62	100.72	174.68	3435
1426.00	1789.53	1768.83	2481	2517	45.53	100.54	174.38	2930
1428.00	1792.86	1772.16	2482	2519	45.42	100.31	173.99	3337
1430.00	1795.17	1774.47	2482	2518	45.37	100.20	173.81	2305
1432.00	1797.75	1777.05	2482	2519	45.31	100.06	173.58	2581
1434.00	1799.82	1779.12	2481	2518	45.27	99.97	173.44	2068
1436.00	1802.33	1781.63	2481	2518	45.21	99.84	173.22	2512
1438.00	1805.75	1785.05	2483	2519	45.09	99.60	172.82	3422

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF 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	1808.74	1788.04	2483	2520	45.01	99.42	172.51	2988
1442.00	1811.40	1790.70	2484	2520	44.94	99.27	172.27	2660
1444.00	1813.98	1793.28	2484	2520	44.88	99.14	172.05	2578
1446.00	1816.30	1795.60	2484	2520	44.83	99.03	171.87	2319
1448.00	1819.43	1798.73	2484	2521	44.73	98.83	171.53	3131
1450.00	1822.73	1802.03	2486	2522	44.63	98.61	171.16	3297
1452.00	1825.60	1804.90	2486	2523	44.55	98.44	170.89	2878
1454.00	1828.53	1807.83	2487	2523	44.47	98.27	170.60	2922
1456.00	1831.42	1810.72	2487	2524	44.39	98.10	170.32	2894
1458.00	1834.39	1813.69	2488	2525	44.31	97.93	170.03	2968
1460.00	1837.42	1816.72	2489	2525	44.23	97.74	169.72	3036
1462.00	1840.87	1820.17	2490	2527	44.12	97.51	169.32	3442
1464.00	1843.83	1823.13	2491	2528	44.04	97.33	169.03	2963
1466.00	1846.46	1825.76	2491	2528	43.97	97.20	168.81	2626
1468.00	1848.76	1828.06	2491	2527	43.92	97.10	168.64	2307
1470.00	1851.24	1830.54	2491	2527	43.87	96.98	168.44	2478
1472.00	1854.11	1833.41	2491	2528	43.79	96.82	168.18	2865
1474.00	1857.66	1836.96	2492	2530	43.68	96.57	167.76	3551
1476.00	1861.12	1840.42	2494	2531	43.57	96.34	167.37	3460
1478.00	1864.55	1843.85	2495	2532	43.47	96.11	166.99	3429
1480.00	1867.63	1846.93	2496	2533	43.38	95.93	166.68	3087
1482.00	1870.77	1850.07	2497	2534	43.29	95.74	166.36	3136
1484.00	1874.38	1853.68	2498	2536	43.18	95.49	165.94	3611
1486.00	1877.74	1857.04	2499	2537	43.08	95.27	165.58	3364

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF 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	1880.80	1860.10	2500	2538	43.00	95.10	165.29	3060
1490.00	1884.02	1863.32	2501	2539	42.90	94.90	164.96	3214
1492.00	1887.08	1866.38	2502	2540	42.82	94.73	164.66	3063
1494.00	1890.28	1869.58	2503	2541	42.73	94.54	164.34	3200
1496.00	1893.08	1872.38	2503	2541	42.67	94.39	164.10	2799
1498.00	1896.47	1875.77	2504	2543	42.57	94.18	163.74	3395
1500.00	1899.56	1878.86	2505	2543	42.49	94.00	163.44	3084
1502.00	1902.43	1881.73	2506	2544	42.42	93.85	163.19	2867
1504.00	1905.65	1884.95	2507	2545	42.33	93.66	162.87	3229
1506.00	1909.10	1888.40	2508	2546	42.23	93.44	162.50	3449
1508.00	1912.32	1891.62	2509	2547	42.14	93.25	162.19	3213
1510.00	1915.53	1894.83	2510	2548	42.05	93.07	161.87	3211
1512.00	1918.70	1898.00	2511	2549	41.97	92.88	161.57	3173
1514.00	1921.86	1901.16	2511	2550	41.88	92.71	161.27	3158
1516.00	1925.23	1904.53	2513	2551	41.79	92.50	160.92	3376
1518.00	1928.71	1908.01	2514	2553	41.69	92.28	160.56	3478
1520.00	1931.86	1911.16	2515	2554	41.61	92.11	160.26	3144
1522.00	1934.97	1914.27	2515	2554	41.53	91.94	159.97	3117
1524.00	1937.86	1917.16	2516	2555	41.46	91.79	159.73	2882
1526.00	1941.31	1920.61	2517	2556	41.36	91.58	159.38	3454
1528.00	1944.24	1923.54	2518	2557	41.29	91.43	159.13	2928
1530.00	1947.06	1926.36	2518	2557	41.23	91.29	158.89	2824
1532.00	1950.15	1929.45	2519	2558	41.15	91.13	158.61	3093
1534.00	1953.40	1932.70	2520	2559	41.07	90.95	158.31	3242

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF 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	1956.89	1936.19	2521	2560	40.97	90.74	157.95	3497
1538.00	1960.27	1939.57	2522	2562	40.88	90.54	157.62	3378
1540.00	1963.33	1942.63	2523	2562	40.81	90.38	157.35	3054
1542.00	1966.70	1946.00	2524	2564	40.72	90.19	157.02	3373
1544.00	1969.80	1949.10	2525	2564	40.64	90.02	156.75	3106
1546.00	1972.34	1951.64	2525	2564	40.59	89.91	156.57	2537
1548.00	1975.12	1954.42	2525	2565	40.53	89.78	156.35	2782
1550.00	1977.97	1957.27	2526	2565	40.47	89.65	156.12	2848
1552.00	1981.17	1960.47	2526	2566	40.39	89.48	155.83	3198
1554.00	1984.34	1963.64	2527	2567	40.31	89.31	155.55	3167
1556.00	1987.46	1966.76	2528	2568	40.24	89.15	155.28	3122
1558.00	1990.69	1969.99	2529	2569	40.16	88.97	154.99	3232
1560.00	1993.50	1972.80	2529	2569	40.10	88.85	154.77	2812
1562.00	1996.70	1976.00	2530	2570	40.02	88.68	154.48	3200
1564.00	1999.75	1979.05	2531	2570	39.95	88.52	154.23	3045
1566.00	2003.08	1982.38	2532	2572	39.86	88.34	153.92	3330
1568.00	2005.63	1984.93	2532	2571	39.82	88.24	153.74	2547
1570.00	2008.21	1987.51	2532	2572	39.77	88.13	153.56	2585
1572.00	2010.90	1990.20	2532	2572	39.71	88.01	153.37	2690
1574.00	2013.84	1993.14	2533	2572	39.65	87.88	153.13	2940
1576.00	2016.92	1996.22	2533	2573	39.58	87.72	152.88	3079
1578.00	2019.80	1999.10	2534	2573	39.51	87.59	152.65	2883
1580.00	2022.43	2001.73	2534	2573	39.46	87.48	152.47	2622
1582.00	2026.06	2005.36	2535	2575	39.37	87.27	152.11	3630

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF 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	2029.49	2008.79	2536	2576	39.28	87.08	151.79	3434
1586.00	2032.46	2011.76	2537	2577	39.22	86.94	151.56	2975
1588.00	2035.55	2014.85	2538	2577	39.15	86.79	151.31	3083
1590.00	2038.98	2018.28	2539	2579	39.06	86.61	150.99	3429
1592.00	2041.75	2021.05	2539	2579	39.01	86.49	150.79	2771
1594.00	2044.88	2024.18	2540	2580	38.93	86.33	150.53	3130
1596.00	2048.35	2027.65	2541	2581	38.85	86.15	150.21	3470
1598.00	2051.56	2030.86	2542	2582	38.77	85.99	149.94	3212
1600.00	2054.79	2034.09	2543	2583	38.70	85.83	149.67	3234
1602.00	2057.79	2037.09	2543	2583	38.64	85.69	149.44	2995
1604.00	2061.18	2040.48	2544	2585	38.55	85.51	149.14	3393
1606.00	2064.09	2043.39	2545	2585	38.50	85.38	148.92	2904
1608.00	2067.64	2046.94	2546	2586	38.41	85.19	148.59	3557
1610.00	2070.84	2050.14	2547	2587	38.33	85.03	148.33	3194
1612.00	2074.40	2053.70	2548	2589	38.25	84.84	148.01	3560
1614.00	2077.23	2056.53	2548	2589	38.19	84.72	147.80	2829
1616.00	2079.64	2058.94	2548	2589	38.15	84.64	147.66	2416
1618.00	2082.95	2062.25	2549	2590	38.08	84.47	147.38	3307
1620.00	2086.35	2065.65	2550	2591	38.00	84.30	147.09	3398
1622.00	2089.52	2068.82	2551	2592	37.93	84.15	146.84	3168
1624.00	2092.70	2072.00	2552	2593	37.86	84.00	146.58	3181
1626.00	2095.26	2074.56	2552	2593	37.81	83.91	146.42	2567
1628.00	2098.01	2077.31	2552	2593	37.76	83.80	146.24	2744
1630.00	2101.44	2080.74	2553	2594	37.68	83.62	145.94	3432

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF 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	2104.55	2083.85	2554	2595	37.62	83.48	145.70	3110
1634.00	2107.77	2087.07	2555	2595	37.55	83.33	145.45	3222
1636.00	2110.50	2089.80	2555	2596	37.50	83.22	145.27	2725
1638.00	2113.55	2092.85	2555	2596	37.44	83.09	145.04	3055
1640.00	2116.70	2096.00	2556	2597	37.37	82.95	144.80	3148
1642.00	2119.99	2099.29	2557	2598	37.30	82.79	144.53	3294
1644.00	2122.82	2102.12	2557	2598	37.25	82.68	144.34	2826
1646.00	2126.00	2105.30	2558	2599	37.18	82.53	144.09	3179
1648.00	2129.42	2108.72	2559	2600	37.10	82.36	143.81	3422
1650.00	2132.25	2111.55	2559	2600	37.05	82.25	143.62	2829
1652.00	2135.87	2115.17	2561	2602	36.97	82.07	143.30	3616
1654.00	2138.90	2118.20	2561	2603	36.91	81.94	143.08	3030
1656.00	2141.82	2121.12	2562	2603	36.85	81.82	142.88	2925
1658.00	2144.97	2124.28	2562	2604	36.79	81.68	142.65	3154
1660.00	2148.07	2127.37	2563	2604	36.73	81.54	142.42	3095
1662.00	2151.09	2130.39	2564	2605	36.67	81.42	142.21	3019
1664.00	2154.74	2134.04	2565	2606	36.58	81.23	141.89	3655
1666.00	2157.77	2137.06	2566	2607	36.52	81.11	141.68	3022
1668.00	2161.03	2140.33	2566	2608	36.46	80.96	141.43	3270
1670.00	2164.32	2143.62	2567	2609	36.39	80.81	141.17	3287
1672.00	2167.66	2146.96	2568	2610	36.32	80.66	140.92	3334
1674.00	2171.00	2150.30	2569	2611	36.25	80.51	140.66	3342
1676.00	2174.26	2153.56	2570	2612	36.18	80.36	140.41	3265
1678.00	2177.81	2157.11	2571	2613	36.10	80.19	140.12	3550

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF 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	2181,16	2160,46	2572	2614	36,04	80,04	139,86	3346
1682,00	2184,53	2163,83	2573	2615	35,96	79,89	139,60	3376
1684,00	2188,06	2167,36	2574	2616	35,89	79,72	139,32	3525
1686,00	2191,41	2170,71	2575	2617	35,82	79,57	139,07	3353
1688,00	2195,00	2174,30	2576	2619	35,74	79,40	138,77	3590
1690,00	2198,43	2177,73	2577	2620	35,67	79,25	138,51	3424
1692,00	2201,61	2180,91	2578	2620	35,61	79,11	138,28	3183
1694,00	2205,34	2184,64	2579	2622	35,53	78,93	137,97	3730
1696,00	2208,95	2188,25	2580	2623	35,45	78,76	137,68	3611
1698,00	2211,98	2191,28	2581	2624	35,39	78,64	137,48	3031
1700,00	2214,49	2193,79	2581	2624	35,36	78,56	137,34	2506
1702,00	2217,08	2196,38	2581	2624	35,32	78,48	137,20	2590
1704,00	2220,65	2199,95	2582	2625	35,24	78,31	136,92	3576
1706,00	2224,17	2203,47	2583	2626	35,17	78,15	136,65	3513
1708,00	2227,74	2207,04	2584	2628	35,09	77,99	136,37	3574
1710,00	2231,31	2210,61	2586	2629	35,02	77,83	136,09	3570
1712,00	2234,36	2213,66	2586	2629	34,96	77,71	135,89	3052
1714,00	2237,65	2216,95	2587	2630	34,90	77,57	135,66	3287
1716,00	2241,37	2220,67	2588	2632	34,82	77,40	135,36	3724
1718,00	2244,56	2223,86	2589	2633	34,76	77,27	135,14	3183
1720,00	2247,96	2227,26	2590	2634	34,70	77,12	134,89	3400
1722,00	2251,49	2230,79	2591	2635	34,62	76,97	134,63	3530
1724,00	2254,81	2234,11	2592	2636	34,56	76,83	134,40	3325
1726,00	2258,33	2237,63	2593	2637	34,49	76,68	134,13	3516

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF 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	2261.67	2240.97	2594	2638	34.43	76.54	133.90	3340
1730.00	2264.95	2244.25	2595	2639	34.37	76.41	133.67	3279
1732.00	2268.14	2247.44	2595	2639	34.31	76.29	133.46	3192
1734.00	2271.27	2250.57	2596	2640	34.26	76.17	133.26	3127
1736.00	2274.89	2254.19	2597	2641	34.18	76.01	132.99	3622
1738.00	2278.37	2257.67	2598	2642	34.12	75.86	132.74	3480
1740.00	2281.61	2260.91	2599	2643	34.06	75.73	132.52	3245
1742.00	2284.41	2263.71	2599	2643	34.02	75.64	132.36	2800
1744.00	2287.62	2266.92	2600	2644	33.96	75.52	132.15	3208
1746.00	2291.12	2270.42	2601	2645	33.89	75.37	131.90	3499
1748.00	2294.30	2273.60	2601	2646	33.84	75.25	131.70	3177
1750.00	2297.54	2276.84	2602	2647	33.78	75.12	131.48	3241
1752.00	2301.00	2280.30	2603	2648	33.71	74.98	131.24	3461
1754.00	2304.38	2283.68	2604	2649	33.65	74.85	131.01	3376
1756.00	2307.36	2286.66	2604	2649	33.60	74.74	130.83	2988
1758.00	2310.76	2290.06	2605	2650	33.54	74.61	130.60	3390
1760.00	2314.27	2293.57	2606	2651	33.48	74.47	130.36	3516
1762.00	2317.99	2297.30	2608	2653	33.40	74.30	130.08	3724
1764.00	2321.48	2300.78	2609	2654	33.34	74.16	129.84	3488
1766.00	2324.34	2303.64	2609	2654	33.30	74.07	129.68	2854
1768.00	2327.94	2307.24	2610	2655	33.23	73.92	129.42	3606
1770.00	2331.74	2311.05	2611	2657	33.15	73.75	129.14	3802
1772.00	2335.24	2314.54	2612	2658	33.09	73.61	128.90	3493
1774.00	2337.77	2317.07	2612	2658	33.05	73.54	128.78	2529

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF 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	2340.75	2320.05	2613	2658	33.01	73.44	128.61	2983
1778.00	2343.66	2322.96	2613	2658	32.97	73.35	128.44	2910
1780.00	2347.26	2326.55	2614	2660	32.90	73.20	128.19	3594
1782.00	2349.80	2329.10	2614	2660	32.87	73.13	128.07	2545
1784.00	2353.44	2332.74	2615	2661	32.80	72.98	127.82	3644
1786.00	2356.87	2336.17	2616	2662	32.74	72.85	127.59	3426
1788.00	2360.52	2339.82	2617	2663	32.67	72.70	127.34	3647
1790.00	2363.71	2343.01	2618	2664	32.62	72.59	127.14	3189
1792.00	2366.84	2346.14	2618	2664	32.57	72.48	126.96	3135
1794.00	2369.72	2349.02	2619	2665	32.53	72.39	126.80	2883
1796.00	2373.11	2352.41	2620	2666	32.47	72.26	126.59	3384
1798.00	2376.93	2356.23	2621	2667	32.40	72.10	126.31	3822
1800.00	2379.95	2359.25	2621	2667	32.35	72.00	126.14	3019
1802.00	2383.09	2362.39	2622	2668	32.30	71.90	125.96	3144
1804.00	2386.67	2365.97	2623	2669	32.24	71.76	125.72	3576
1806.00	2389.72	2369.02	2624	2670	32.19	71.66	125.55	3054
1808.00	2393.30	2372.60	2625	2671	32.13	71.52	125.31	3579
1810.00	2396.95	2376.25	2626	2672	32.06	71.37	125.07	3652
1812.00	2399.85	2379.15	2626	2672	32.02	71.29	124.92	2893
1814.00	2402.52	2381.82	2626	2672	31.99	71.21	124.79	2678
1816.00	2405.91	2385.21	2627	2673	31.93	71.09	124.58	3382
1818.00	2408.94	2388.24	2627	2674	31.89	70.99	124.41	3031
1820.00	2412.62	2391.92	2628	2675	31.82	70.85	124.17	3681
1822.00	2416.26	2395.56	2630	2676	31.76	70.71	123.93	3642

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF 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	2419.90	2399.20	2631	2678	31.70	70.57	123.69	3635
1826.00	2423.66	2402.96	2632	2679	31.63	70.42	123.43	3762
1828.00	2426.38	2405.68	2632	2679	31.59	70.34	123.30	2721
1830.00	2428.70	2408.00	2632	2679	31.57	70.29	123.21	2316
1832.00	2432.08	2411.38	2633	2680	31.51	70.17	123.01	3380
1834.00	2435.52	2414.82	2633	2680	31.46	70.05	122.80	3448
1836.00	2439.10	2418.40	2634	2682	31.40	69.92	122.57	3574
1838.00	2442.60	2421.90	2635	2683	31.34	69.79	122.35	3498
1840.00	2446.25	2425.55	2636	2684	31.28	69.65	122.12	3652
1842.00	2449.80	2429.10	2637	2685	31.22	69.53	121.90	3550
1844.00	2452.23	2431.53	2637	2685	31.19	69.47	121.80	2433
1846.00	2455.72	2435.02	2638	2686	31.13	69.34	121.59	3494
1848.00	2459.66	2438.96	2640	2687	31.06	69.18	121.32	3939
1850.00	2463.84	2443.14	2641	2689	30.98	69.01	121.01	4173
1852.00	2467.86	2447.16	2643	2691	30.91	68.85	120.74	4019
1854.00	2471.92	2451.22	2644	2693	30.83	68.68	120.45	4062
1856.00	2475.51	2454.81	2645	2694	30.78	68.55	120.23	3596
1858.00	2479.16	2458.46	2646	2695	30.72	68.42	120.01	3642
1860.00	2482.82	2462.12	2647	2697	30.66	68.29	119.78	3669
1862.00	2486.74	2466.04	2649	2698	30.59	68.14	119.52	3916
1864.00	2490.85	2470.15	2650	2700	30.51	67.98	119.24	4106
1866.00	2495.18	2474.48	2652	2702	30.43	67.79	118.92	4330
1868.00	2499.34	2478.64	2654	2704	30.35	67.63	118.63	4161
1870.00	2503.08	2482.38	2655	2706	30.29	67.49	118.40	3747

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF 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	2507.27	2486.57	2657	2708	30.22	67.32	118.11	4181
1874.00	2510.77	2490.07	2657	2709	30.16	67.21	117.91	3507
1876.00	2514.31	2493.61	2658	2710	30.11	67.09	117.71	3542
1878.00	2518.82	2498.12	2660	2712	30.02	66.89	117.37	4505
1880.00	2523.44	2502.74	2662	2715	29.93	66.69	117.03	4618
1882.00	2527.61	2506.91	2664	2717	29.85	66.53	116.75	4177
1884.00	2531.25	2510.55	2665	2718	29.80	66.41	116.53	3634
1886.00	2534.84	2514.14	2666	2719	29.74	66.29	116.33	3591
1888.00	2537.75	2517.05	2666	2719	29.71	66.21	116.19	2913
1890.00	2540.92	2520.22	2667	2720	29.67	66.12	116.04	3168
1892.00	2544.37	2523.67	2668	2721	29.62	66.01	115.85	3450
1894.00	2547.93	2527.23	2669	2722	29.56	65.89	115.65	3555
1896.00	2551.25	2530.55	2669	2723	29.52	65.79	115.48	3321
1898.00	2554.80	2534.10	2670	2724	29.47	65.68	115.28	3556
1900.00	2558.69	2537.99	2672	2725	29.40	65.54	115.04	3890
1902.00	2562.39	2541.69	2673	2726	29.35	65.42	114.83	3695
1904.00	2565.86	2545.16	2673	2727	29.30	65.31	114.64	3468
1906.00	2569.56	2548.86	2675	2728	29.24	65.18	114.43	3706
1908.00	2573.33	2552.63	2676	2730	29.18	65.06	114.21	3769
1910.00	2576.95	2556.25	2677	2731	29.13	64.94	114.01	3618
1912.00	2579.89	2559.19	2677	2731	29.10	64.86	113.88	2941
1914.00	2583.71	2563.01	2678	2732	29.04	64.74	113.66	3820
1916.00	2587.41	2566.71	2679	2733	28.98	64.61	113.45	3701
1918.00	2590.84	2570.14	2680	2734	28.94	64.51	113.27	3432

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF 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	2594.18	2573.48	2681	2735	28.89	64.41	113.10	3339
1922.00	2597.61	2576.91	2681	2736	28.84	64.31	112.93	3426
1924.00	2601.14	2580.44	2682	2737	28.80	64.20	112.74	3534
1926.00	2604.97	2584.27	2684	2738	28.74	64.08	112.52	3831
1928.00	2608.54	2587.84	2684	2739	28.69	63.97	112.33	3571
1930.00	2612.14	2591.44	2685	2740	28.64	63.85	112.14	3602
1932.00	2615.57	2594.87	2686	2741	28.59	63.75	111.97	3426
1934.00	2619.30	2598.60	2687	2742	28.54	63.63	111.76	3734
1936.00	2623.21	2602.52	2689	2744	28.48	63.50	111.53	3912
1938.00	2626.88	2606.18	2690	2745	28.43	63.39	111.34	3663
1940.00	2630.47	2609.77	2690	2746	28.38	63.28	111.15	3588
1942.00	2633.98	2613.28	2691	2747	28.33	63.18	110.97	3516
1944.00	2637.78	2617.08	2692	2748	28.27	63.06	110.76	3800
1946.00	2641.44	2620.74	2693	2749	28.22	62.94	110.57	3656
1948.00	2645.42	2624.72	2695	2751	28.16	62.81	110.34	3978
1950.00	2649.37	2628.67	2696	2752	28.10	62.68	110.12	3952
1952.00	2653.14	2632.44	2697	2753	28.05	62.56	109.91	3769
1954.00	2656.95	2636.25	2698	2755	28.00	62.45	109.71	3809
1956.00	2660.42	2639.72	2699	2755	27.95	62.35	109.54	3478
1958.00	2664.37	2643.67	2700	2757	27.89	62.22	109.32	3945
1960.00	2668.39	2647.69	2702	2758	27.83	62.09	109.09	4020
1962.00	2672.59	2651.89	2703	2760	27.77	61.94	108.84	4202
1964.00	2676.77	2656.07	2705	2762	27.70	61.80	108.60	4177
1966.00	2680.51	2659.81	2706	2763	27.65	61.69	108.40	3742

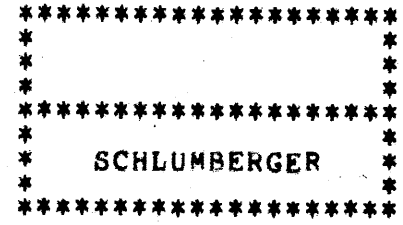
TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
1968.00	2684.37	2663.67	2707	2765	27.60	61.57	108.20	3862
1970.00	2688.18	2667.48	2708	2766	27.55	61.45	108.00	3812
1972.00	2691.99	2671.29	2709	2767	27.49	61.34	107.80	3803
1974.00	2696.28	2675.58	2711	2769	27.43	61.19	107.54	4295
1976.00	2700.15	2679.45	2712	2770	27.37	61.08	107.34	3866
1978.00	2703.93	2683.23	2713	2772	27.32	60.96	107.15	3779
1980.00	2707.90	2687.20	2714	2773	27.27	60.84	106.93	3970
1982.00	2711.91	2691.21	2716	2775	27.21	60.71	106.72	4017
1984.00	2716.20	2695.50	2717	2777	27.15	60.57	106.47	4283
1986.00	2720.35	2699.65	2719	2778	27.09	60.44	106.24	4151
1988.00	2724.24	2703.54	2720	2780	27.03	60.32	106.04	3891
1990.00	2728.28	2707.58	2721	2781	26.98	60.20	105.82	4040
1992.00	2732.29	2711.59	2722	2783	26.92	60.07	105.61	4012
1994.00	2736.36	2715.66	2724	2784	26.86	59.95	105.39	4064
1996.00	2740.45	2719.75	2725	2786	26.81	59.82	105.17	4096
1998.00	2744.31	2723.61	2726	2787	26.75	59.71	104.98	3863
2000.00	2748.15	2727.45	2727	2789	26.70	59.60	104.78	3836
2002.00	2752.05	2731.35	2729	2790	26.65	59.48	104.59	3903
2004.00	2756.04	2735.35	2730	2791	26.60	59.36	104.38	3991
2006.00	2759.65	2738.95	2731	2792	26.55	59.27	104.22	3609
2008.00	2763.60	2742.90	2732	2794	26.50	59.15	104.02	3949
2010.00	2766.96	2746.27	2733	2794	26.46	59.07	103.87	3362
2012.00	2771.04	2750.34	2734	2796	26.41	58.95	103.66	4074
2014.00	2775.01	2754.31	2735	2797	26.36	58.83	103.46	3969

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF 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	2779.10	2758.40	2737	2799	26.30	58.71	103.25	4089
2018.00	2783.17	2762.47	2738	2800	26.25	58.59	103.04	4072
2020.00	2787.02	2766.32	2739	2802	26.20	58.48	102.86	3849
2022.00	2791.22	2770.52	2740	2803	26.14	58.35	102.63	4205
2024.00	2795.35	2774.65	2742	2805	26.09	58.23	102.42	4128
2026.00	2799.52	2778.82	2743	2807	26.03	58.11	102.21	4172
2028.00	2803.83	2783.13	2745	2808	25.97	57.98	101.98	4311
2030.00	2807.99	2787.29	2746	2810	25.91	57.85	101.77	4157
2032.00	2812.19	2791.49	2748	2812	25.86	57.73	101.55	4195
2034.00	2816.31	2795.61	2749	2813	25.80	57.61	101.34	4120
2036.00	2820.55	2799.85	2750	2815	25.75	57.48	101.12	4247
2038.00	2824.64	2803.94	2752	2817	25.69	57.37	100.92	4081
2040.00	2828.78	2808.08	2753	2818	25.64	57.25	100.72	4140
2042.00	2833.06	2812.36	2755	2820	25.58	57.12	100.50	4288
2044.00	2837.36	2816.66	2756	2822	25.52	56.99	100.28	4296
2046.00	2841.13	2820.43	2757	2823	25.48	56.90	100.11	3772
2048.00	2845.19	2824.49	2758	2824	25.43	56.78	99.91	4054
2050.00	2849.23	2828.53	2760	2826	25.38	56.67	99.72	4044
2052.00	2853.50	2832.80	2761	2828	25.32	56.55	99.51	4270
2054.00	2857.68	2836.98	2762	2829	25.27	56.43	99.30	4175
2056.00	2861.79	2841.09	2764	2831	25.22	56.32	99.11	4115
2058.00	2865.96	2845.26	2765	2832	25.17	56.20	98.90	4169
2060.00	2869.75	2849.05	2766	2834	25.12	56.11	98.74	3794
2062.00	2873.58	2852.88	2767	2835	25.08	56.01	98.57	3825

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF 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	2878.24	2857.54	2769	2837	25.01	55.87	98.32	4661
2066.00	2883.21	2862.51	2771	2840	24.94	55.70	98.04	4974
2068.00	2887.28	2866.58	2772	2841	24.89	55.59	97.85	4063
2070.00	2891.76	2871.06	2774	2843	24.83	55.46	97.62	4481
2072.00	2896.03	2875.33	2775	2845	24.78	55.35	97.42	4275
2074.00	2900.08	2879.38	2777	2846	24.73	55.24	97.23	4046
2076.00	2904.29	2883.59	2778	2848	24.68	55.13	97.03	4215
2078.00	2908.38	2887.68	2779	2850	24.63	55.02	96.85	4087
2080.00	2912.71	2892.01	2781	2851	24.58	54.90	96.64	4329
2082.00	2916.76	2896.06	2782	2853	24.53	54.79	96.46	4053
2084.00	2921.06	2900.36	2783	2855	24.48	54.68	96.26	4301
2086.00	2925.30	2904.60	2785	2856	24.42	54.56	96.06	4236
2088.00	2929.23	2908.53	2786	2857	24.38	54.47	95.89	3930
2090.00	2933.40	2912.70	2787	2859	24.33	54.36	95.70	4168
2092.00	2937.58	2916.88	2789	2860	24.28	54.25	95.51	4186
2094.00	2941.72	2921.02	2790	2862	24.23	54.14	95.33	4133
2096.00	2946.00	2925.30	2791	2864	24.18	54.03	95.13	4283
2098.00	2949.99	2929.29	2792	2865	24.14	53.93	94.96	3995
2100.00	2954.19	2933.49	2794	2867	24.09	53.82	94.77	4200
2102.00	2958.42	2937.72	2795	2868	24.04	53.71	94.58	4231
2104.00	2962.97	2942.27	2797	2870	23.98	53.59	94.36	4550
2106.00	2967.66	2946.96	2799	2872	23.92	53.45	94.13	4688
2108.00	2971.81	2951.11	2800	2874	23.88	53.35	93.95	4144
2110.00	2976.30	2955.60	2802	2876	23.82	53.23	93.74	4491

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF 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
								4204
2112.00	2980.50	2959.80	2803	2877	23.77	53.12	93.56	
								4355
2114.00	2984.86	2964.16	2804	2879	23.72	53.01	93.36	

ANALYST: M. SANDERS 24-AUG-85 11:10:24 PROGRAM: GTRFRM 007.E08



SYNTHETIC SEISMOGRAM TABLE

COMPANY : ESSO AUSTRALIA LTD.
WELL : SNAPPER #5
FIELD : WILDCAT
COUNTY : SUITE 1 RUN 1
STATE : VICTORIA
COUNTRY : AUSTRALIA
REFERENCE: 540,367

THE HEADINGS AND FLAGS SHOWN IN THE DATA LIST ARE DEFINED AS FOLLOWS:

IGEOFL- FLAG INDICATING MODE OF PROCESSING
IGEOFL = 0 WST DATA AVAILABLE AND PROCESSED
IGEOFL = 1 WST DATA NOT AVAILABLE

LOG INPUT DATA :
GRF001- CHANNEL NAME FOR INPUT DENSITY LOG DATA
GTR001- CHANNEL NAME FOR INPUT SONIC LOG DATA
GCURVE- CORRELATION LOG NAMES

USER DEFINED MODELING

LOFVEL- LAYER OPTION FLAG FOR VELOCITY
LOFDEN- LAYER OPTION FLAG FOR DENSITY
LAYVEL- LAYERED VELOCITY VALUES FOR USER SUPPLIED ZONE LIMIT WITH RESPECT TO SONIC LOG DATA
LAYDEN- LAYERED DENSITY VALUES FOR USER SUPPLIED ZONE LIMITS WITH RESPECT TO SONIC LOG DATA
UNERTH- UNIFORM EARTH VELOCITY
UNFDEN- UNIFORM EARTH DENSITY
SRATE SAMPLING RATE IN MS
INIDEP START DEPTH FOR COMPUTING SYNTHETIC SEISMOGRAM WITH RESPECT TO SONIC LOG DATA
IGESTP STOP DEPTH FOR COMPUTING SYNTHETIC SEISMOGRAM WITH RESPECT TO SONIC LOG DATA
INITAU TWO WAY TRAVEL TIME FROM TOP SONIC TO SRD
EKB ELEVATION OF KELLY BUSHING WITH RESPECT TO MEAN SEA LEVEL
SRDGEO SEISMIC REFERENCE DEPTH WITH RESPECT TO MEAN SEA LEVEL
ICDP FLAG FOR COMPUTING RESIDUAL MULTIPLES
CDPTIM TWO WAY TIME INTERVAL FOR COMPUTATION OF RESIDUAL MULTIPLES
SCRTIM SURFACE REFLECTOR TWO WAY TIME ABOVE INITAU
SCREFL SURFACE REFLECTION COEFFICIENT
RCMAX REFLECTION COEFFICIENTS THAT ARE EQUAL TO OR GREATER THAN THIS VALUE SHALL BE FLAGGED

NOTE IN CASE OF MODELING A SYNTHETIC SEISMOGRAM WITHOUT SONIC LOG DATA ,THE DEPTH REFERENCES SHALL BE USER DEFINED

OUTPUT DATA

RMSVWE ROOT MEAN SQUARE VELOCITY FOUND FOR THE WELL
SRDTIM TWO WAY TRANSIT TIME BETWEEN INIDEP AND SRDGEO

CHANNNEL NAMES

TWOT- TWO WAY TRAVEL TIME
DSRD- DEPTH OF COMPUTED DATA WITH RESPECT TO SRD
INTV- INTERVAL VELOCITY ON A TIME SCALE
RHOT- INTERVAL DENSITY ON A TIME SCALE
REFL- REFLECTION COEFFICIENT AT GIVEN TWO WAY TRAVEL TIMES
ATTE- ATTENUATION COEFFICIENT AT GIVEN TWO WAY TRAVEL TIMES
PRIM- SYNTHETIC SEISMOGRAM - PRIMARIES
MULT- SYNTHETIC SEISMOGRAM - PRIMARIES + MULTIPLES
MUON- MULTIPLES ONLY

CHANNEL NAMES

CHAN 1 - TWOT.GMU.002.*
CHAN 2 - DSRD.GRF.006.*
CHAN 3 - INTV.GRF.007.*
CHAN 4 - RHOT.GRF.001.*
CHAN 5 - REFL.GRF.001.*
CHAN 6 - ATTE.GRF.001.*
CHAN 7 - PRIM.GRF.001.*
CHAN 8 - MULT.GMU.001.*
CHAN 9 - MUON.GMU.001.*

(GLOBAL PARAMETERS)		(VALUE)	
MODE OF PROC (GEOGRAM)	IGEOFL	0	
INITIALIZE CDP LOGIC	ICDP	0	
CDP TIME	CDPTIM	.200000	S
TIME SAMPLING (WST)	SRATE	2.00000	MS
TOP DEPTH OF PROCESSING	INIDEP	180.560	M
BOTTOM DEPTH OF PROCESSI	IGESTP	2968.00	M
INITIAL TWO WAY TRAVEL T	INITAU	.200000	S
SRD FOR GEOGRAM	SRDGEO	-30479.7	M
ELEVATION OF KELLY BUSHI	EKB	0	M
SRD TIME	SRDTIM	0	MS
SURFACE COEFFICIENT OF R	SCRTIM	0	MS
SURFACE COEFFICIENT OF R	SCREFL	-1.00000	
REFLECTION COEFF MAXIMUM	RCMAX	.300000	
RMS VELOCITY IN WELL	RMSVWE	2978.83	M/S
UNIFORM EARTH VELOCITY	UNERTH	2133.60	M/S
UNIFORM DENSITY VALUE	UNFDEN	2.30000	G/C3

(MATRIX PARAMETERS)

1 GR*
2 CALI,CUR,LOG,005,*

(ZONED PARAMETERS)		(VALUE)		(LIMITS)		
LAYER OPTION FLAG DENS	LOFDEN	:-1,000000		30479,7	-	0
LAYER OPTION FLAG VELOC	LOFVEL	: 1,000000		30479,7	-	0
USER SUPPLIED DENSITY DA	LAYDEN	:-999,2500	G/C3	30479,7	-	0
USER VELOC (WST)	LAYVEL	: 2003,000	M/S	200,000	-	76,7000
		1480,000		76,7000		0

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
		2096	2,330					
202.0	182.66			-.003	.99999	-.00329	-.00329	0
		2082	2,330					
204.0	184.74			.008	.99992	.00826	.00825	-.00001
		2117	2,330					
206.0	186.85			.002	.99991	.00250	.00255	.00005
		2127	2,330					
208.0	188.98			.006	.99988	.00614	.00608	-.00005
		2154	2,330					
210.0	191.14			-.026	.99921	-.02580	-.02580	0
		2045	2,330					
212.0	193.18			.016	.99896	.01576	.01548	-.00028
		2111	2,330					
214.0	195.29			.022	.99847	.02211	.02262	.00051
		2207	2,330					
216.0	197.50			-.017	.99819	-.01668	-.01668	-.00001
		2134	2,330					
218.0	199.63			.015	.99796	.01535	.01512	-.00024
		2201	2,330					
220.0	201.83			-.037	.99656	-.03736	-.03795	-.00059
		2042	2,330					
222.0	203.88			.010	.99647	.00947	.00951	.00005
		2081	2,330					
224.0	205.96			.002	.99647	.00202	.00375	.00173
		2089	2,330					
226.0	208.05			-.009	.99639	-.00897	-.01064	-.00167
		2052	2,330					
228.0	210.10			-.068	.99179	-.06769	-.06666	.00103
		1791	2,330					
230.0	211.89			.036	.99054	.03522	.03301	-.00221
		1923	2,330					
232.0	213.81			.010	.99043	.01019	.01237	.00219
		1963	2,330					
234.0	215.78			-.007	.99039	-.00658	-.00452	.00205
		1937	2,330					
236.0	217.71			.021	.98994	.02103	.01904	-.00199
		2021	2,330					
238.0	219.73			.035	.98870	.03508	.03313	-.00194
		2170	2,330					
240.0	221.90			-.009	.98862	-.00858	-.00592	.00266
		2132	2,330					
242.0	224.04			-.029	.98780	-.02847	-.02637	.00210
		2013	2,330					
244.0	226.05			-.013	.98764	-.01276	-.01749	-.00473
		1962	2,330					
246.0	228.01			-.008	.98757	-.00805	-.00496	.00309
		1930	2,330					
248.0	229.94			.007	.98752	.00692	.00310	-.00382
		1957	2,330					

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
250.0	231.90			-.007	.98748	-.00660	-.00494	.00166
		1931	2.330					
252.0	233.83			.015	.98727	.01449	.01323	-.00126
		1989	2.330					
254.0	235.82			.004	.98725	.00418	.00315	-.00103
		2006	2.330					
256.0	237.82			.018	.98692	.01809	.01546	-.00263
		2080	2.330					
258.0	239.90			-.018	.98661	-.01747	-.00970	.00777
		2008	2.330					
260.0	241.91			.003	.98660	.00279	.00136	-.00144
		2019	2.330					
262.0	243.93			-.013	.98643	-.01303	-.01527	-.00224
		1967	2.330					
264.0	245.90			-.010	.98633	-.01007	-.00701	.00306
		1927	2.330					
266.0	247.82			.019	.98597	.01885	.02229	.00345
		2002	2.330					
268.0	249.83			.047	.98374	.04683	.04268	-.00415
		2202	2.330					
270.0	252.03			-.003	.98373	-.00293	-.00767	-.00474
		2189	2.330					
272.0	254.22			.006	.98369	.00632	.00686	.00054
		2217	2.330					
274.0	256.43			.016	.98343	.01596	.01391	-.00205
		2290	2.330					
276.0	258.72			-.024	.98285	-.02386	-.02038	.00349
		2182	2.330					
278.0	260.90			.211	.93922	.20710	.20796	.00086
		3346	2.330					
280.0	264.25			-.154	.91689	-.14482	-.13872	.00610
		2452	2.330					
282.0	266.70			-.043	.91522	-.03913	-.05080	-.01166
		2252	2.330					
284.0	268.96			-.024	.91467	-.02239	-.02161	.00078
		2144	2.330					
286.0	271.10			-.014	.91450	-.01243	-.02138	-.00895
		2087	2.330					
288.0	273.19			-.014	.91433	-.01238	.00320	.01559
		2031	2.330					
290.0	275.22			.004	.91432	.00349	-.01324	-.01674
		2046	2.330					
292.0	277.26			.038	.91298	.03502	.02711	-.00791
		2209	2.330					
294.0	279.47			-.050	.91069	-.04566	-.02349	.02217
		1999	2.330					
296.0	281.47			-.008	.91064	-.00721	-.01815	-.01094
		1968	2.330					
298.0	283.44			.034	.91037	.01552	.03526	.01973

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
		2036	2.330					
300.0	285.47			.014	.91018	.01308	.00063	-.01246
		2095	2.330					
302.0	287.57			-.009	.91011	-.00806	-.00452	.00353
		2058	2.330					
304.0	289.63			.011	.91001	.00958	.00208	-.00750
		2102	2.330					
306.0	291.73			-.018	.90973	-.01607	.00814	.02421
		2029	2.330					
308.0	293.76			.047	.90770	.04295	.01106	-.03189
		2230	2.330					
310.0	295.99			.002	.90770	.00168	.00311	.00143
		2239	2.330					
312.0	298.23			.006	.90767	.00540	.01290	.00751
		2265	2.330					
314.0	300.49			.018	.90736	.01657	.00837	-.00820
		2350	2.330					
316.0	302.84			-.009	.90729	-.00796	-.01617	-.00821
		2309	2.330					
318.0	305.15			.010	.90720	.00901	.02633	.01732
		2355	2.330					
320.0	307.51			-.002	.90720	-.00212	.01527	.01739
		2344	2.330					
322.0	309.85			.013	.90704	.01197	.00094	-.01103
		2407	2.330					
324.0	312.26			.007	.90699	.00679	.00721	.00042
		2443	2.330					
326.0	314.70			.013	.90683	.01208	.00780	-.00428
		2509	2.330					
328.0	317.21			.022	.90637	.02032	.02911	.00879
		2624	2.330					
330.0	319.83			-.053	.90386	-.04769	-.05985	-.01216
		2362	2.330					
332.0	322.20			.023	.90339	.02076	.02176	.00100
		2473	2.330					
334.0	324.67			-.024	.90288	-.02148	-.02410	-.00262
		2358	2.330					
336.0	327.03			.022	.90244	.01989	.03143	.01155
		2464	2.330					
338.0	329.49			-.059	.89925	-.05362	-.05839	-.00477
		2188	2.330					
340.0	331.68			.008	.89920	.00694	.00566	-.00128
		2222	2.330					
342.0	333.90			-.009	.89913	-.00808	-.00207	.00602
		2182	2.330					
344.0	336.08			.043	.89744	.03899	.02434	-.01465
		2380	2.330					
346.0	338.46			.040	.89598	.03610	.02677	-.00934
		2580	2.330					

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
348.0	341.04			-.013	.89584	-.01145	.00773	.01917
350.0	343.56	2515	2.330	-.032	.89493	-.02857	-.03256	-.00399
352.0	345.92	2359	2.330	.009	.89485	.00850	.01076	.00226
354.0	348.32	2404	2.330	-.054	.89224	-.04824	-.03354	.01470
356.0	350.48	2158	2.330	.024	.89172	.02171	-.02227	-.04398
358.0	352.74	2266	2.330	.028	.89104	.02461	.06409	.03948
360.0	355.14	2395	2.330	-.011	.89093	-.00976	-.00126	.00849
362.0	357.48	2343	2.330	.010	.89083	.00934	.00482	-.00452
364.0	359.87	2392	2.330	.017	.89057	.01539	.01749	.00209
366.0	362.35	2477	2.330	.032	.88968	.02811	.01069	-.01742
368.0	364.99	2638	2.330	-.031	.88884	-.02724	-.01038	.01686
370.0	367.47	2481	2.330	.010	.88875	.00907	-.01474	-.02381
372.0	370.00	2532	2.330	.028	.88806	.02486	.05300	.02814
374.0	372.68	2678	2.330	-.051	.88572	-.04560	-.04236	.00324
376.0	375.10	2417	2.330	-.004	.88570	-.00351	-.02892	-.02541
378.0	377.50	2397	2.330	.028	.88499	.02503	.02625	.00122
380.0	380.03	2537	2.330	-.004	.88498	-.00390	-.00392	-.00001
382.0	382.55	2515	2.330	-.011	.88488	-.00946	-.01903	-.00956
384.0	385.01	2461	2.330	.009	.88481	.00769	.00626	-.00142
386.0	387.51	2505	2.330	.001	.88481	.00061	.00658	.00597
388.0	390.02	2508	2.330	-.005	.88479	-.00439	-.00133	.00306
390.0	392.50	2483	2.330	.012	.88466	.01073	.01384	.00311
392.0	395.05	2544	2.330	-.009	.88459	-.00782	-.00607	.00175
394.0	397.55	2500	2.330	.005	.88457	.00444	.01577	.01132
396.0	400.07	2525	2.330	.00	.88450	.00747	-.01509	-.02256

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
		2568	2.330					
398.0	402.64			.014	.88434	.01203	.02034	.00832
		2639	2.330					
400.0	405.28			-.036	.88316	-.03222	-.02920	.00302
		2453	2.330					
402.0	407.73			.029	.88244	.02537	.00974	-.01562
		2598	2.330					
404.0	410.33			.006	.88241	.00508	.01453	.00945
		2628	2.330					
406.0	412.96			-.035	.88135	-.03056	-.02620	.00436
		2452	2.330					
408.0	415.41			.064	.87775	.05630	.08962	.03332
		2787	2.330					
410.0	418.20			-.077	.87253	-.06768	-.09082	-.02314
		2388	2.330					
412.0	420.59			.049	.87048	.04236	.04693	.00456
		2632	2.330					
414.0	423.22			.013	.87034	.01101	-.00061	-.01162
		2699	2.330					
416.0	425.92			-.040	.86898	-.03440	-.01383	.02057
		2494	2.330					
418.0	428.41			.041	.86750	.03580	.02224	-.01356
		2708	2.330					
420.0	431.12			-.021	.86713	-.01790	-.02536	-.00745
		2599	2.330					
422.0	433.72			.002	.86713	.00183	-.00025	-.00209
		2610	2.330					
424.0	436.33			-.012	.86701	-.01005	-.01543	-.00539
		2550	2.330					
426.0	438.88			-.023	.86656	-.01983	-.02777	-.00795
		2436	2.330					
428.0	441.31			.055	.86392	.04785	.07342	.02557
		2721	2.330					
430.0	444.03			-.055	.86129	-.04764	-.05120	-.00356
		2436	2.330					
432.0	446.47			-.027	.86065	-.02343	-.02168	.00175
		2307	2.330					
434.0	448.78			.073	.85606	.06287	.04620	-.01667
		2671	2.330					
436.0	451.45			-.058	.85322	-.04932	-.05354	-.00423
		2380	2.330					
438.0	453.83			.012	.85310	.01014	.00240	-.00774
		2437	2.330					
440.0	456.27			.014	.85294	.01173	.01925	.00752
		2505	2.330					
442.0	458.77			.003	.85293	.00222	.00864	.00641
		2518	2.330					
444.0	461.29			.019	.85264	.01584	.00482	-.01102
		2614	2.330					

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
446.0	463.90			-.047	.85078	-.03984	-.02286	.01698
		2380	2.330					
448.0	466.28			.071	.84652	.06016	.06374	.00357
		2743	2.330					
450.0	469.03			-.027	.84592	-.02266	-.04029	-.01762
		2600	2.330					
452.0	471.63			-.020	.84559	-.01663	.00840	.02503
		2499	2.330					
454.0	474.13			.016	.84537	.01365	.01023	-.00342
		2581	2.330					
456.0	476.71			.016	.84514	.01387	.00358	-.01029
		2667	2.330					
458.0	479.37			-.029	.84442	-.02469	-.02403	.00066
		2516	2.330					
460.0	481.89			.055	.84182	.04685	.04674	-.00011
		2812	2.330					
462.0	484.70			-.011	.84172	-.00892	.00882	.01774
		2753	2.330					
464.0	487.45			.007	.84168	.00586	-.01877	-.02463
		2791	2.330					
466.0	490.25			-.022	.84127	-.01862	-.00509	.01352
		2670	2.330					
468.0	492.92			.018	.84100	.01523	.01112	-.00411
		2769	2.330					
470.0	495.69			.006	.84097	.00503	.00411	-.00092
		2802	2.330					
472.0	498.49			-.038	.83977	-.03172	-.03448	-.00276
		2599	2.330					
474.0	501.09			.043	.83825	.03571	.03242	-.00329
		2829	2.330					
476.0	503.92			-.037	.83708	-.03138	-.02680	.00459
		2625	2.330					
478.0	506.54			.005	.83706	.00404	.01703	.01299
		2651	2.330					
480.0	509.19			.008	.83701	.00642	-.01555	-.02197
		2692	2.330					
482.0	511.88			.012	.83690	.00967	.01222	.00254
		2755	2.330					
484.0	514.64			-.029	.83622	-.02386	.00053	.02439
		2602	2.330					
486.0	517.24			.035	.83520	.02922	-.02673	-.05595
		2790	2.330					
488.0	520.03			-.020	.83487	-.01649	.05342	.06991
		2682	2.330					
490.0	522.71			-.009	.83481	-.00723	-.04338	-.03615
		2636	2.330					
492.0	525.35			.007	.83477	.00586	-.00020	-.00606
		2673	2.330					
494.0	528.02			-.0[illegible]	.83450	-.01480	.00597	.02[illegible]77

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
		2580	2.330					
496.0	530.60			.025	.83396	.02125	-.00422	-.02547
		2715	2.330					
498.0	533.32			-.038	.83277	-.03147	.00518	.03665
		2518	2.330					
500.0	535.83			.071	.82856	.05923	.02975	-.02948
		2903	2.330					
502.0	538.74			-.046	.82680	-.03821	-.00679	.03142
		2647	2.330					
504.0	541.39			.027	.82619	.02250	.01957	-.00293
		2795	2.330					
506.0	544.18			-.065	.82272	-.05348	-.09357	-.04008
		2455	2.330					
508.0	546.64			.022	.82234	.01777	.04309	.02533
		2564	2.330					
510.0	549.20			-.003	.82234	-.00226	.01158	.01384
		2550	2.330					
512.0	551.75			.005	.82231	.00439	-.03565	-.04004
		2577	2.330					
514.0	554.33			-.042	.82084	-.03474	-.00240	.03234
		2368	2.330					
516.0	556.70			.052	.81862	.04272	.01570	-.02702
		2628	2.330					
518.0	559.32			-.046	.81686	-.03794	-.03880	-.00086
		2396	2.330					
520.0	561.72			.041	.81546	.03382	.04335	.00953
		2602	2.330					
522.0	564.32			-.031	.81470	-.02499	-.04018	-.01518
		2448	2.330					
524.0	566.77			-.002	.81469	-.00182	.03067	.03249
		2437	2.330					
526.0	569.21			-.014	.81454	-.01118	-.06597	-.05479
		2371	2.330					
528.0	571.58			.042	.81312	.03394	.08158	.04764
		2577	2.330					
530.0	574.15			-.043	.81160	-.03519	-.04980	-.01461
		2363	2.330					
532.0	576.52			.043	.81010	.03487	.03286	-.00201
		2575	2.330					
534.0	579.09			-.025	.80961	-.02005	-.03029	-.01024
		2451	2.330					
536.0	581.54			.014	.80944	.01164	.02383	.01218
		2523	2.330					
538.0	584.07			.001	.80944	.00077	-.01156	-.01233
		2527	2.330					
540.0	586.59			.025	.80895	.01984	.02103	.00119
		2654	2.330					
542.0	589.25			.004	.80894	.00334	.01502	.01168
		2676	2.330					

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
544.0	591.92			-.004	.80892	-.00357	.01803	.02159
		2653	2.330					
546.0	594.58			-.028	.80828	-.02283	-.02956	-.00673
		2507	2.330					
548.0	597.08			.028	.80764	.02272	.00740	-.01532
		2652	2.330					
550.0	599.74			-.023	.80720	-.01885	.00657	.02542
		2531	2.330					
552.0	602.27			.032	.80637	.02585	-.00014	-.02599
		2699	2.330					
554.0	604.97			-.051	.80431	-.04077	-.03420	.00657
		2439	2.330					
556.0	607.41			.038	.80318	.03023	.02140	-.00883
		2630	2.330					
558.0	610.04			-.034	.80227	-.02702	-.01254	.01448
		2458	2.330					
560.0	612.49			.035	.80130	.02786	.01096	-.01690
		2635	2.330					
562.0	615.13			-.055	.79888	-.04406	-.02489	.01917
		2360	2.330					
564.0	617.49			.066	.79538	.05283	.03467	-.01816
		2695	2.330					
566.0	620.18			-.037	.79428	-.02964	-.01861	.01103
		2501	2.330					
568.0	622.69			.031	.79352	.02458	.02239	-.00219
		2661	2.330					
570.0	625.35			-.038	.79239	-.02985	-.03095	-.00110
		2468	2.330					
572.0	627.81			0	.79239	-.00020	.00041	.00061
		2467	2.330					
574.0	630.28			.027	.79184	.02104	.00612	-.01492
		2601	2.330					
576.0	632.88			-.018	.79159	-.01407	-.00244	.01164
		2510	2.330					
578.0	635.39			.044	.79003	.03504	.02501	-.01003
		2743	2.330					
580.0	638.14			-.036	.78903	-.02822	-.02169	.00653
		2554	2.330					
582.0	640.69			.032	.78824	.02498	.03071	.00573
		2721	2.330					
584.0	643.41			-.084	.78267	-.06626	-.03367	.03259
		2299	2.330					
586.0	645.71			.032	.78187	.02499	-.02247	-.04746
		2450	2.330					
588.0	648.16			.059	.77910	.04650	.05764	.01114
		2760	2.330					
590.0	650.92			-.050	.77718	-.03870	-.02316	.01554
		2499	2.330					
592.0	653.42			-.040	.77623	-.02718	-.03238	-.00520

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
		2330	2,330					
594.0	655.75	2440	2,330	.023	.77582	.01783	-.00119	-.01902
596.0	658.19	2454	2,330	.003	.77581	.00228	.01911	.01683
598.0	660.64	2646	2,330	.038	.77471	.02922	.02731	-.00192
600.0	663.29	2631	2,330	-.003	.77471	-.00227	-.00484	-.00257
602.0	665.92	2417	2,330	-.042	.77332	-.03276	-.02564	.00712
604.0	668.34	2326	2,330	-.019	.77304	-.01483	-.00751	.00731
606.0	670.66	2457	2,330	.027	.77246	.02107	-.02726	-.04834
608.0	673.12	2761	2,330	.058	.76983	.04509	.08652	.04143
610.0	675.88	2597	2,330	-.031	.76911	-.02360	-.02942	-.00582
612.0	678.48	2652	2,330	.011	.76902	.00811	-.01069	-.01880
614.0	681.13	2561	2,330	-.018	.76878	-.01348	-.00331	.01017
616.0	683.69	2505	2,330	-.011	.76869	-.00852	.00065	.00916
618.0	686.20	2276	2,330	-.048	.76692	-.03685	-.03802	-.00116
620.0	688.47	2350	2,330	.016	.76673	.01230	-.03210	-.04440
622.0	690.82	2351	2,330	0	.76673	.00019	.03379	.03360
624.0	693.17	2449	2,330	.020	.76641	.01559	.03581	.02021
626.0	695.62	2519	2,330	.014	.76626	.01086	-.00986	-.02072
628.0	698.14	2725	2,330	.039	.76508	.03006	.04833	.01827
630.0	700.87	2343	2,330	-.075	.76074	-.05758	-.06059	-.00301
632.0	703.21	2266	2,330	-.017	.76053	-.01275	-.01887	-.00612
634.0	705.48	2273	2,330	.001	.76053	.00107	-.00418	-.00525
636.0	707.75	2279	2,330	.001	.76053	.00107	-.00213	-.00320
638.0	710.03	2363	2,330	.018	.76027	.01383	.02580	.01197
640.0	712.39	2466	2,330	.021	.75993	.01616	.02233	.00617

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
642.0	714.86			.034	.75906	.02573	.00904	-.01669
		2639	2.330					
644.0	717.50			.013	.75892	.01023	.03144	.02121
		2711	2.330					
646.0	720.21			-.065	.75575	-.04906	-.08398	-.03492
		2382	2.330					
648.0	722.59			-.001	.75575	-.00066	.00754	.00820
		2378	2.330					
650.0	724.97			-.023	.75536	-.01704	.00528	.02232
		2273	2.330					
652.0	727.24			.008	.75531	.00638	-.02417	-.03055
		2311	2.330					
654.0	729.55			.027	.75474	.02073	.05836	.03762
		2442	2.330					
656.0	731.99			-.001	.75474	-.00098	-.05735	-.05637
		2436	2.330					
658.0	734.43			-.017	.75452	-.01298	.04413	.05711
		2353	2.330					
660.0	736.78			.013	.75440	.00947	-.03908	-.04855
		2413	2.330					
662.0	739.19			-.006	.75438	-.00418	.03721	.04139
		2386	2.330					
664.0	741.58			-.023	.75398	-.01732	-.04145	-.02413
		2279	2.330					
666.0	743.86			.009	.75392	.00667	-.01105	-.01773
		2320	2.330					
668.0	746.18			.010	.75384	.00771	.01285	.00514
		2368	2.330					
670.0	748.55			.008	.75379	.00605	.06515	.05910
		2406	2.330					
672.0	750.95			.040	.75258	.03017	.00716	-.02301
		2607	2.330					
674.0	753.56			-.022	.75223	-.01634	-.01993	-.00358
		2496	2.330					
676.0	756.06			-.037	.75120	-.02780	-.07347	-.04566
		2318	2.330					
678.0	758.38			-.005	.75118	-.00359	.02846	.03205
		2296	2.330					
680.0	760.67			-.001	.75118	-.00059	-.00453	-.00394
		2293	2.330					
682.0	762.96			.009	.75113	.00641	.01553	.00912
		2332	2.330					
684.0	765.30			.010	.75105	.00777	.01691	.00914
		2381	2.330					
686.0	767.68			.008	.75100	.00590	-.02249	-.02839
		2418	2.330					
688.0	770.10			.020	.75071	.01473	.03255	.01781
		2515	2.330					
690.0	772.61			.034	.74985	.02540	.04056	.01517

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
		2691	2,330					
692.0	775.30	2392	2,330	-.059	.74724	-.04423	-.04584	-.00160
694.0	777.69	2369	2,330	-.005	.74723	-.00355	-.01211	-.00856
696.0	780.06	2369	2,330	0	.74723	-.00005	-.00233	-.00228
698.0	782.43	2371	2,330	0	.74723	.00031	.02477	.02446
700.0	784.80	2336	2,330	-.007	.74719	-.00550	-.03608	-.03058
702.0	787.14	2440	2,330	.022	.74683	.01633	.01020	-.00613
704.0	789.58	2313	2,330	-.027	.74630	-.01994	-.01286	.00708
706.0	791.89	2309	2,330	-.001	.74630	-.00068	-.01374	-.01305
708.0	794.20	2331	2,330	.005	.74628	.00358	.01142	.00784
710.0	796.53	2313	2,330	-.004	.74627	-.00298	.01103	.01401
712.0	798.84	2278	2,330	-.007	.74623	-.00559	-.01533	-.00974
714.0	801.12	2385	2,330	.023	.74584	.01702	.03172	.01470
716.0	803.51	2379	2,330	-.001	.74584	-.00091	-.02562	-.02472
718.0	805.89	2319	2,330	-.013	.74571	-.00958	.01097	.02055
720.0	808.20	2318	2,330	0	.74571	-.00004	-.00755	-.00751
722.0	810.52	2336	2,330	.004	.74570	.00285	-.03086	-.03370
724.0	812.86	2368	2,330	.007	.74567	.00508	.05594	.05086
726.0	815.23	2317	2,330	-.011	.74558	-.00814	-.00951	-.00137
728.0	817.54	2434	2,330	.025	.74513	.01835	-.01319	-.03154
730.0	819.98	2488	2,330	.011	.74504	.00811	.04641	.03830
732.0	822.47	2301	2,330	-.039	.74390	-.02910	-.05903	-.02993
734.0	824.77	2362	2,330	.013	.74377	.00985	.03077	.02092
736.0	827.13	2381	2,330	.004	.74376	.00297	-.02579	-.02876
738.0	829.51	2326	2,330	-.012	.74366	-.00873	.01875	.02748

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
740.0	831.84			.026	.74316	.01926	-.00017	-.01944
		2450	2.330					
742.0	834.29			-.018	.74293	-.01308	.00828	.02136
		2365	2.330					
744.0	836.65			-.020	.74262	-.01514	-.03313	-.01799
		2270	2.330					
746.0	838.92			.027	.74207	.02014	.02319	.00305
		2397	2.330					
748.0	841.32			.037	.74105	.02751	.01149	-.01602
		2582	2.330					
750.0	843.90			-.039	.73992	-.02904	-.01192	.01712
		2387	2.330					
752.0	846.29			-.010	.73984	-.00773	-.00813	-.00040
		2338	2.330					
754.0	848.62			.025	.73939	.01824	.04089	.02265
		2456	2.330					
756.0	851.08			.009	.73933	.00635	-.01532	-.02166
		2498	2.330					
758.0	853.58			-.029	.73870	-.02153	-.00356	.01798
		2357	2.330					
760.0	855.94			.018	.73846	.01341	-.02171	-.03512
		2444	2.330					
762.0	858.38			-.007	.73843	-.00493	.01371	.01865
		2412	2.330					
764.0	860.79			.007	.73839	.00503	.00311	-.00192
		2445	2.330					
766.0	863.24			-.005	.73838	-.00360	.01089	.01449
		2421	2.330					
768.0	865.66			.004	.73837	.00260	-.02994	-.03255
		2438	2.330					
770.0	868.10			.001	.73837	.00086	.03066	.02979
		2444	2.330					
772.0	870.54			-.014	.73822	-.01019	-.01844	-.00825
		2377	2.330					
774.0	872.92			.020	.73794	.01460	.03625	.02165
		2473	2.330					
776.0	875.39			-.009	.73788	-.00649	-.01203	-.00555
		2430	2.330					
778.0	877.82			-.009	.73781	-.00694	-.00075	.00619
		2385	2.330					
780.0	880.20			.007	.73777	.00534	-.01393	-.01927
		2420	2.330					
782.0	882.62			-.006	.73774	-.00477	.01323	.01800
		2389	2.330					
784.0	885.01			.013	.73763	.00922	.00052	-.00870
		2449	2.330					
786.0	887.46			-.013	.73750	-.00975	-.03359	-.02384
		2385	2.330					
788.0	889.85			.010	.73738	.00945	.02328	.01393

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
		2447	2.330					
790.0	892.29			.015	.73721	.01120	.00959	-.00162
		2523	2.330					
792.0	894.82			-.034	.73636	-.02494	-.01320	.01175
		2357	2.330					
794.0	897.17			.015	.73619	.01129	.00199	-.00930
		2431	2.330					
796.0	899.60			.013	.73606	.00969	.00645	-.00324
		2496	2.330					
798.0	902.10			.002	.73606	.00132	.01392	.01260
		2505	2.330					
800.0	904.61			.014	.73591	.01044	.01249	.00205
		2577	2.330					
802.0	907.18			.003	.73591	.00204	-.02470	-.02674
		2591	2.330					
804.0	909.77			.001	.73591	.00104	.02894	.02790
		2598	2.330					
806.0	912.37			-.001	.73591	-.00064	-.01789	-.01725
		2594	2.330					
808.0	914.97			.008	.73586	.00560	.01308	.00748
		2634	2.330					
810.0	917.60			.010	.73579	.00740	.02950	.02210
		2687	2.330					
812.0	920.29			-.015	.73563	-.01090	-.01758	-.00668
		2609	2.330					
814.0	922.89			.011	.73554	.00788	.00549	-.00238
		2665	2.330					
816.0	925.56			.007	.73551	.00492	-.02610	-.03102
		2701	2.330					
818.0	928.26			-.011	.73542	-.00822	.03080	.03902
		2641	2.330					
820.0	930.90			-.009	.73536	-.00627	-.02328	-.01702
		2597	2.330					
822.0	933.50			.015	.73520	.01095	.02649	.01554
		2675	2.330					
824.0	936.17			.016	.73502	.01149	.00884	-.00265
		2760	2.330					
826.0	938.93			-.036	.73406	-.02654	-.03023	-.00369
		2568	2.330					
828.0	941.50			-.012	.73396	-.00893	-.00199	.00693
		2506	2.330					
830.0	944.01			-.007	.73392	-.00508	-.02393	-.01884
		2472	2.330					
832.0	946.48			.024	.73350	.01756	.00765	-.00992
		2593	2.330					
834.0	949.07			.016	.73331	.01183	.04254	.03071
		2678	2.330					
836.0	951.75			.019	.73304	.01402	-.01715	-.03116
		2782	2.330					

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
838.0	954.53			-.013	.73292	-.00929	.02523	.03452
		2713	2.330					
840.0	957.25			.015	.73276	.01079	.00067	-.01013
		2794	2.330					
842.0	960.04			.042	.73146	.03096	.02670	-.00427
		3040	2.330					
844.0	963.08			-.046	.72990	-.03373	-.01987	.01386
		2772	2.330					
846.0	965.85			-.024	.72948	-.01743	-.00533	.01211
		2643	2.330					
848.0	968.50			.003	.72948	.00212	-.03820	-.04033
		2658	2.330					
850.0	971.15			.047	.72790	.03397	.05562	.02165
		2918	2.330					
852.0	974.07			-.007	.72786	-.00491	-.01859	-.01368
		2879	2.330					
854.0	976.95			-.017	.72765	-.01237	.02452	.03689
		2783	2.330					
856.0	979.73			.018	.72741	.01336	-.04677	-.06012
		2887	2.330					
858.0	982.62			.008	.72736	.00597	.05761	.05164
		2934	2.330					
860.0	985.55			-.015	.72719	-.01094	-.01666	-.00572
		2847	2.330					
862.0	988.40			-.041	.72599	-.02963	-.04531	-.01568
		2625	2.330					
864.0	991.03			.025	.72552	.01833	.03924	.02091
		2760	2.330					
866.0	993.79			.004	.72551	.00312	-.00205	-.00518
		2784	2.330					
868.0	996.57			-.024	.72511	-.01710	-.03331	-.01621
		2656	2.330					
870.0	999.23			.030	.72447	.02155	.02995	.00839
		2819	2.330					
872.0	1002.05			-.036	.72353	-.02603	-.03593	-.00990
		2623	2.330					
874.0	1004.67			.011	.72344	.00796	.01174	.00378
		2682	2.330					
876.0	1007.35			-.019	.72319	-.01364	-.04607	-.03243
		2582	2.330					
878.0	1009.93			.008	.72315	.00549	.03280	.02731
		2622	2.330					
880.0	1012.55			.029	.72254	.02085	.03589	.01505
		2778	2.330					
882.0	1015.33			.047	.72098	.03365	.00816	-.02549
		3049	2.330					
884.0	1018.38			-.041	.71977	-.02952	.00520	.03472
		2809	2.330					
886.0	1021.19			.0[illegible]	.71782	.03750	.02875	-.00[illegible]74

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
		3118	2,330					
888.0	1024.31			-.010	.71774	-.00750	-.02208	-.01458
		3053	2,330					
890.0	1027.36			-.060	.71517	-.04291	-.03396	.00894
		2709	2,330					
892.0	1030.07			0	.71517	.00014	-.01081	-.01095
		2710	2,330					
894.0	1032.78			.012	.71507	.00845	.04546	.03701
		2775	2,330					
896.0	1035.56			-.015	.71490	-.01102	-.05754	-.04652
		2691	2,330					
898.0	1038.25			.034	.71410	.02400	.03323	.00923
		2878	2,330					
900.0	1041.12			.010	.71403	.00693	.02153	.01460
		2934	2,330					
902.0	1044.06			-.040	.71290	-.02844	-.04920	-.02077
		2709	2,330					
904.0	1046.77			-.013	.71278	-.00899	.02364	.03262
		2642	2,330					
906.0	1049.41			.004	.71277	.00261	-.02079	-.02340
		2661	2,330					
908.0	1052.07			.008	.71273	.00551	.01980	.01429
		2703	2,330					
910.0	1054.77			-.014	.71260	-.00977	-.03313	-.02336
		2629	2,330					
912.0	1057.40			.004	.71259	.00257	-.00507	-.00765
		2649	2,330					
914.0	1060.05			.005	.71257	.00357	.02748	.02391
		2675	2,330					
916.0	1062.73			-.012	.71247	-.00860	-.02574	-.01714
		2611	2,330					
918.0	1065.34			.007	.71243	.00481	-.01626	-.02107
		2647	2,330					
920.0	1067.98			.039	.71133	.02803	.04208	.01404
		2864	2,330					
922.0	1070.85			-.036	.71039	-.02591	-.00374	.02216
		2663	2,330					
924.0	1073.51			.002	.71038	.00144	-.00584	-.00728
		2673	2,330					
926.0	1076.18			-.007	.71035	-.00508	-.00616	-.00108
		2635	2,330					
928.0	1078.82			.030	.70971	.02132	.00646	-.01486
		2798	2,330					
930.0	1081.62			.009	.70965	.00667	.03210	.02542
		2852	2,330					
932.0	1084.47			-.032	.70892	-.02276	-.05158	-.02882
		2674	2,330					
934.0	1087.14			-.019	.70866	-.01346	.02143	.03489
		2575	2,330					

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
936.0	1089.72			.002	.70866	.00167	-.03932	-.04099
		2587	2.330					
938.0	1092.30			-.002	.70865	-.00156	-.00049	.00107
		2575	2.330					
940.0	1094.88			-.020	.70836	-.01442	.02512	.03954
		2473	2.330					
942.0	1097.35			.010	.70829	.00701	-.02968	-.03668
		2522	2.330					
944.0	1099.88			.015	.70813	.01058	.00222	-.00836
		2599	2.330					
946.0	1102.47			-.008	.70809	-.00552	.03502	.04054
		2558	2.330					
948.0	1105.03			-.022	.70776	-.01524	-.04341	-.02817
		2451	2.330					
950.0	1107.48			.016	.70759	.01109	.02690	.01581
		2529	2.330					
952.0	1110.01			-.022	.70724	-.01575	-.04175	-.02600
		2419	2.330					
954.0	1112.43			.027	.70671	.01921	.03356	.01435
		2554	2.330					
956.0	1114.98			-.002	.70671	-.00126	-.01319	-.01193
		2545	2.330					
958.0	1117.53			-.006	.70668	-.00458	-.01665	-.01207
		2512	2.330					
960.0	1120.04			-.012	.70658	-.00848	-.00372	.00476
		2452	2.330					
962.0	1122.49			.029	.70597	.02078	.02691	.00614
		2601	2.330					
964.0	1125.09			-.032	.70523	-.02291	-.02838	-.00547
		2437	2.330					
966.0	1127.53			-.002	.70522	-.00119	.00836	.00954
		2429	2.330					
968.0	1129.96			.017	.70502	.01199	.01952	.00753
		2513	2.330					
970.0	1132.47			-.003	.70502	-.00184	-.01230	-.01045
		2500	2.330					
972.0	1134.97			.007	.70498	.00525	.00580	.00055
		2538	2.330					
974.0	1137.51			.011	.70489	.00761	.02971	.02210
		2593	2.330					
976.0	1140.10			-.009	.70483	-.00650	-.02970	-.02320
		2546	2.330					
978.0	1142.65			.003	.70483	.00210	-.00689	-.00899
		2561	2.330					
980.0	1145.21			-.006	.70480	-.00443	.04562	.05005
		2529	2.330					
982.0	1147.74			-.002	.70480	-.00139	-.04207	-.04068
		2519	2.330					
984.0	1150.26			-.00	.70475	-.00593	.01198	.01790

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
		2477	2,330					
986.0	1152.73			.019	.70450	.01333	-.01988	-.03321
		2572	2,330					
988.0	1155.31			-.014	.70435	-.01015	.02431	.03446
		2499	2,330					
990.0	1157.81			.030	.70370	.02134	.00011	-.02123
		2655	2,330					
992.0	1160.46			-.035	.70283	-.02474	-.00925	.01549
		2475	2,330					
994.0	1162.94			.022	.70248	.01574	.00704	-.00869
		2588	2,330					
996.0	1165.52			-.017	.70227	-.01213	.01048	.02262
		2501	2,330					
998.0	1168.02			.003	.70227	.00196	-.04300	-.04496
		2515	2,330					
1000.0	1170.54			.018	.70204	.01256	.04456	.03200
		2606	2,330					
1002.0	1173.15			-.013	.70191	-.00947	-.02643	-.01697
		2537	2,330					
1004.0	1175.68			-.010	.70184	-.00708	.00608	.01316
		2486	2,330					
1006.0	1178.17			-.019	.70158	-.01356	-.03724	-.02367
		2392	2,330					
1008.0	1180.56			-.007	.70154	-.00508	.00172	.00680
		2358	2,330					
1010.0	1182.92			.008	.70150	.00558	.00448	-.00110
		2395	2,330					
1012.0	1185.31			.010	.70143	.00677	.01786	.01108
		2442	2,330					
1014.0	1187.76			-.015	.70128	-.01047	-.00458	.00589
		2370	2,330					
1016.0	1190.13			.009	.70122	.00640	-.00350	-.00989
		2414	2,330					
1018.0	1192.54			-.004	.70121	-.00298	-.01265	-.00967
		2393	2,330					
1020.0	1194.93			.018	.70098	.01250	.05357	.04107
		2480	2,330					
1022.0	1197.41			.032	.70026	.02259	-.02774	-.05033
		2645	2,330					
1024.0	1200.06			.002	.70025	.00121	.03615	.03494
		2655	2,330					
1026.0	1202.71			.011	.70018	.00736	.00640	-.00096
		2711	2,330					
1028.0	1205.42			-.006	.70015	-.00395	.00410	.00804
		2681	2,330					
1030.0	1208.10			.025	.69970	.01776	-.00286	-.02062
		2820	2,330					
1032.0	1210.92			-.014	.69957	-.00951	.00311	.01263
		2744	2,330					

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
1034.0	1213.67			-.003	.69957	-.00222	.00126	.00347
		2727	2.330					
1036.0	1216.40			.019	.69930	.01353	.00803	-.00551
		2835	2.330					
1038.0	1219.23			-.008	.69925	-.00594	-.00035	.00559
		2734	2.375					
1040.0	1221.97			-.011	.69917	-.00768	-.01052	-.00283
		2686	2.365					
1042.0	1224.65			-.018	.69894	-.01274	.00113	.01387
		2623	2.335					
1044.0	1227.27			.006	.69891	.00437	.00190	-.00247
		2652	2.338					
1046.0	1229.93			.024	.69850	.01685	-.00372	-.02057
		2736	2.379					
1048.0	1232.66			.014	.69837	.00974	.02641	.01667
		2805	2.386					
1050.0	1235.47			-.014	.69822	-.01005	-.03975	-.02970
		2741	2.372					
1052.0	1238.21			-.038	.69720	-.02680	-.01964	.00716
		2585	2.330					
1054.0	1240.79			-.032	.69650	-.02198	.01001	.03198
		2456	2.302					
1056.0	1243.25			.011	.69641	.00787	-.00580	-.01366
		2496	2.317					
1058.0	1245.75			.007	.69638	.00496	-.01520	-.02016
		2537	2.312					
1060.0	1248.28			.016	.69621	.01088	.04940	.03852
		2595	2.332					
1062.0	1250.88			-.017	.69600	-.01198	-.02959	-.01761
		2521	2.320					
1064.0	1253.40			.006	.69598	.00385	.00909	.00524
		2556	2.313					
1066.0	1255.95			.071	.69249	.04930	.00356	-.04574
		2825	2.412					
1068.0	1258.78			-.013	.69237	-.00899	.03368	.04267
		2759	2.407					
1070.0	1261.54			.068	.68920	.04683	.04454	-.00230
		3082	2.466					
1072.0	1264.62			-.048	.68760	-.03324	-.00792	.02532
		2860	2.414					
1074.0	1267.48			.032	.68689	.02204	.03759	.01556
		2996	2.457					
1076.0	1270.47			-.029	.68633	-.01968	-.00076	.01892
		2845	2.443					
1078.0	1273.32			-.009	.68628	-.00595	-.09043	-.08448
		2678	2.551					
1080.0	1276.00			0	.68628	-.00032	.05037	.05069
		2750	2.481					
1082.0	1278.75			-.1[illegible]	.67453	-.08978	-.11839	-.07[illegible]0

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
		2463	2.129					
1084.0	1281.21			.016	.67437	.01053	.01153	.00100
		2560	2.114					
1086.0	1283.77			.013	.67425	.00880	-.01223	-.02103
		2571	2.161					
1088.0	1286.34			.140	.66110	.09419	.12038	.02619
		3045	2.417					
1090.0	1289.39			-.044	.65979	-.02933	-.01370	.01563
		2873	2.344					
1092.0	1292.26			.019	.65955	.01268	-.00497	-.01765
		2958	2.366					
1094.0	1295.22			.023	.65920	.01523	.02571	.01048
		3063	2.392					
1096.0	1298.28			.005	.65918	.00346	.00785	.00439
		3095	2.392					
1098.0	1301.38			-.078	.65514	-.05162	-.07895	-.02733
		2799	2.261					
1100.0	1304.18			.074	.65158	.04828	.07448	.02620
		3004	2.443					
1102.0	1307.18			-.005	.65156	-.00316	-.01312	-.00996
		3077	2.361					
1104.0	1310.26			-.039	.65057	-.02544	-.00042	.02502
		2973	2.260					
1106.0	1313.23			-.004	.65056	-.00284	-.04015	-.03731
		3081	2.162					
1108.0	1316.31			-.088	.64553	-.05718	-.04430	.01288
		2787	2.004					
1110.0	1319.10			.087	.64068	.05597	.03250	-.02347
		2985	2.226					
1112.0	1322.08			.020	.64042	.01301	.01997	.00696
		3089	2.241					
1114.0	1325.17			-.139	.62798	-.08924	-.08080	.00844
		2662	1.964					
1116.0	1327.83			.049	.62645	.03104	.02957	-.00148
		2767	2.086					
1118.0	1330.60			.032	.62582	.01974	.04611	.02637
		2873	2.140					
1120.0	1333.47			.074	.62240	.04627	.05450	.00822
		3286	2.170					
1122.0	1336.76			-.108	.61514	-.06724	-.05005	.01719
		2725	2.106					
1124.0	1339.49			-.061	.61287	-.03739	-.09029	-.05290
		2656	1.914					
1126.0	1342.14			.048	.61147	.02922	-.01442	-.04365
		2773	2.016					
1128.0	1344.91			.126	.60171	.07728	.10812	.03084
		3117	2.312					
1130.0	1348.03			-.098	.59597	-.05872	.01774	.07646
		2792	2.123					

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
1132.0	1350.82			-.268	.55307	-.15991	-.21193	-.05202
		2228	1.534					
1134.0	1353.05			.239	.52158	.13197	.06600	-.06596
		2706	2.055					
1136.0	1355.76			-.015	.52147	-.00757	-.00108	.00648
		2570	2.102					
1138.0	1358.33			.045	.52041	.02356	.03395	.01039
		2699	2.191					
1140.0	1361.03			-.074	.51756	-.03853	.01771	.05624
		2570	1.984					
1142.0	1363.60			.009	.51751	.00476	-.08863	-.09339
		2692	1.929					
1144.0	1366.29			.012	.51743	.00636	.02594	.01958
		2636	2.019					
1146.0	1368.92			-.040	.51661	-.02069	-.00629	.01439
		2560	1.919					
1148.0	1371.48			.009	.51657	.00444	-.00985	-.01429
		2662	1.878					
1150.0	1374.15			-.227	.48995	-.11727	-.06455	.05272
		2133	1.476					
1152.0	1376.28			.209	.46854	.10240	-.03226	-.13466
		2337	2.060					
1154.0	1378.62			-.047	.46750	-.02210	.05798	.08007
		2237	1.958					
1156.0	1380.85			.124	.46036	.05780	.08641	.02861
		2645	2.123					
1158.0	1383.50			.028	.46000	.01279	.01934	.00655
		2783	2.133					
1160.0	1386.28			.109	.45453	.05018	.09147	.04129
		3225	2.291					
1162.0	1389.51			-.098	.45019	-.04439	-.03842	.00598
		2803	2.167					
1164.0	1392.31			.050	.44909	.02229	.05143	.02914
		3089	2.171					
1166.0	1395.40			-.150	.43897	-.06742	-.12859	-.06117
		2460	2.015					
1168.0	1397.86			.108	.43381	.04759	.02305	-.02454
		2883	2.137					
1170.0	1400.74			.013	.43373	.00578	.02618	.02040
		2959	2.139					
1172.0	1403.70			.040	.43304	.01735	.06015	.04280
		2952	2.322					
1174.0	1406.65			-.010	.43299	-.00429	-.01701	-.01272
		3009	2.234					
1176.0	1409.66			.022	.43278	.00973	.06001	.05027
		3108	2.262					
1178.0	1412.77			-.037	.43218	-.01609	-.08498	-.06889
		3019	2.162					
1180.0	1415.79			-.0[illegible]	.43118	-.02076	.01411	.0[illegible]7

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
		2864	2.070					
1182.0	1418.65			-.041	.43046	-.01758	-.02345	-.00587
		2713	2.014					
1184.0	1421.37			.118	.42445	.05086	.05419	.00333
		3129	2.214					
1186.0	1424.49			-.246	.39871	-.10452	-.07050	.03402
		2474	1.693					
1188.0	1426.97			-.227	.37816	-.09053	-.19018	-.09965
		2104	1.254					
1190.0	1429.07			.007	.37814	.00253	-.08130	-.08383
		2093	1.278					
1192.0	1431.17			-.009	.37811	-.00340	.00907	.01247
		2102	1.250					
1194.0	1433.27			.166	.36772	.06268	-.02628	-.08896
		2058	1.784					
1196.0	1435.33			.237	.34714	.08698	.12811	.04113
		2728	2.179					
1198.0	1438.05			.084	.34468	.02925	.08152	.05227
		3196	2.203					
1200.0	1441.25			-.081	.34243	-.02786	.07944	.10730
		2857	2.096					
1202.0	1444.11			.076	.34044	.02609	.02955	.00346
		2967	2.350					
1204.0	1447.07			.054	.33945	.01839	.05986	.04147
		3282	2.368					
1206.0	1450.36			-.025	.33924	-.00835	-.00514	.00321
		3276	2.258					
1208.0	1453.63			.129	.33357	.04387	.01586	-.02801
		3977	2.413					
1210.0	1457.61			.115	.32918	.03828	.17925	.14097
		4756	2.541					
1212.0	1462.36			-.242	.30988	-.07969	-.11607	-.03638
		3268	2.256					
1214.0	1465.63			.056	.30892	.01726	-.04182	-.05908
		3581	2.302					
1216.0	1469.21			.092	.30628	.02855	-.02982	-.05837
		4102	2.419					
1218.0	1473.32			-.187	.29554	-.05735	.01768	.07503
		2926	2.321					
1220.0	1476.24			-.115	.29164	-.03396	-.03586	-.00189
		2603	2.072					
1222.0	1478.84			.021	.29151	.00620	-.02047	-.02667
		2693	2.089					
1224.0	1481.54			.083	.28948	.02432	.05726	.03294
		3021	2.202					
1226.0	1484.56			-.036	.28911	-.01035	.03299	.04334
		2774	2.232					
1228.0	1487.33			-.033	.28880	-.00947	-.02555	-.01608
		2532	2.290					

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
1230.0	1489.87			.006	.28879	.00180	.01099	.00919
		2805	2.093					
1232.0	1492.67			-.009	.28877	-.00246	-.09406	-.09160
		2765	2.087					
1234.0	1495.44			.020	.28866	.00568	.01805	.01237
		2840	2.114					
1236.0	1498.28			.025	.28848	.00711	-.03023	-.03734
		2944	2.142					
1238.0	1501.22			.026	.28829	.00737	.02056	.01320
		3041	2.162					
1240.0	1504.26			.029	.28805	.00834	.03429	.02596
		3164	2.222					
1242.0	1507.43			.053	.28725	.01523	.00293	-.01230
		3431	2.279					
1244.0	1510.86			.117	.28334	.03351	.12570	.09220
		4067	2.430					
1246.0	1514.92			.006	.28333	.00171	-.05077	-.05248
		4358	2.295					
1248.0	1519.28			-.335	.25151	-.09494	-.08904	.00590
		2819	1.767					
1250.0	1522.10			.088	.24956	.02215	-.02916	-.05131
		2867	2.073					
1252.0	1524.97			-.006	.24955	-.00142	-.01931	-.01789
		2736	2.148					
1254.0	1527.70			.055	.24879	.01383	.03646	.02263
		2984	2.201					
1256.0	1530.69			-.007	.24877	-.00186	.05968	.06154
		2985	2.167					
1258.0	1533.67			-.011	.24874	-.00271	.01893	.02164
		2921	2.167					
1260.0	1536.59			.020	.24865	.00486	.04014	.03527
		3009	2.187					
1262.0	1539.60			-.051	.24801	-.01262	-.04132	-.02871
		2779	2.139					
1264.0	1542.38			-.128	.24394	-.03177	-.08256	-.05079
		2450	1.875					
1266.0	1544.83			.203	.23386	.04958	.10217	.05259
		2908	2.387					
1268.0	1547.74			-.072	.23265	-.01685	-.00969	.00715
		2797	2.148					
1270.0	1550.54			.037	.23233	.00857	-.03322	-.04179
		2915	2.218					
1272.0	1553.45			-.072	.23111	-.01683	-.04932	-.03249
		2511	2.227					
1274.0	1555.96			.076	.22979	.01753	-.07947	-.09700
		2892	2.251					
1276.0	1558.85			-.016	.22972	-.00377	-.00964	-.00587
		2882	2.187					
1278.0	1561.74			.020	.22964	.00450	-.01053	-.01503

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
		2965	2.210					
1280.0	1564.70			.001	.22964	.00017	.04280	.04263
		2975	2.206					
1282.0	1567.68			.002	.22963	.00050	-.02310	-.02359
		2989	2.205					
1284.0	1570.66			.009	.22962	.00208	.01516	.01308
		3053	2.198					
1286.0	1573.72			.020	.22952	.00458	-.00624	-.01083
		3142	2.223					
1288.0	1576.86			-.018	.22945	-.00409	-.01317	-.00907
		3087	2.183					
1290.0	1579.95			-.018	.22938	-.00410	.14707	.15117
		2978	2.183					
1292.0	1582.93			-.066	.22837	-.01524	-.06712	-.05188
		2776	2.050					
1294.0	1585.70			-.368	.19737	-.08413	-.09050	-.00637
		2076	1.266					
1296.0	1587.78			.002	.19737	.00034	-.05032	-.05066
		2064	1.277					
1298.0	1589.84			-.018	.19731	-.00358	.03416	.03775
		2053	1.239					
1300.0	1591.89			-.006	.19730	-.00119	-.05831	-.05712
		2028	1.239					
1302.0	1593.92			.006	.19729	.00119	-.06818	-.06937
		2038	1.248					
1304.0	1595.96			-.003	.19729	-.00060	-.01293	-.01233
		2032	1.244					
1306.0	1597.99			-.001	.19729	-.00022	-.01698	-.01676
		2014	1.252					
1308.0	1600.01			.334	.17531	.06585	-.00577	-.07162
		2448	2.062					
1310.0	1602.46			.166	.17047	.02913	.14254	.11341
		3057	2.310					
1312.0	1605.51			-.044	.17015	-.00745	-.01281	-.00536
		2936	2.204					
1314.0	1608.45			.003	.17014	.00047	.00568	.00520
		2973	2.188					
1316.0	1611.42			-.009	.17013	-.00155	-.03083	-.02928
		2948	2.167					
1318.0	1614.37			.006	.17012	.00108	-.04093	-.04201
		2981	2.170					
1320.0	1617.35			.033	.16994	.00561	.02175	.01614
		2903	2.381					
1322.0	1620.25			-.010	.16992	-.00167	-.06732	-.06566
		2779	2.439					
1324.0	1623.03			-.127	.16716	-.02166	.01406	.03572
		2499	2.099					
1326.0	1625.53			.218	.15925	.03637	.09849	.06211
		3339	2.445					

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
1328.0	1628.87			-.113	.15722	-.01798	-.02464	-.00666
1330.0	1631.83	2960	2.198	-.003	.15722	-.00045	.04990	.05036
1332.0	1634.79	2960	2.185	.002	.15722	.00024	.04989	.04965
1334.0	1637.77	2978	2.179	-.001	.15722	-.00021	.02046	.02067
1336.0	1640.73	2964	2.183	.003	.15721	.00041	.01352	.01311
1338.0	1643.66	2934	2.217	.132	.15449	.02068	.08043	.05975
1340.0	1646.98	3316	2.556	-.240	.14558	-.03712	.05223	.08934
1342.0	1649.51	2533	2.049	-.191	.14025	-.02784	-.04497	-.01713
1344.0	1651.70	2189	1.610	-.151	.13706	-.02114	-.14702	-.12588
1346.0	1653.77	2064	1.260	.037	.13688	.00504	.03169	.02665
1348.0	1655.88	2108	1.329	-.044	.13661	-.00604	-.07502	-.06899
1350.0	1657.92	2043	1.255	.350	.11986	.04784	.02076	-.02709
1352.0	1660.52	2603	2.046	-.236	.11321	-.02823	-.00219	.02605
1354.0	1662.72	2202	1.497	.368	.09787	.04167	.03410	-.00757
1356.0	1665.72	2995	2.382	-.011	.09786	-.00108	-.03426	-.03318
1358.0	1668.66	2945	2.370	.036	.09773	.00354	-.01564	-.01918
1360.0	1671.76	3097	2.422	0	.09773	-.00003	.08446	.08449
1362.0	1674.87	3107	2.414	-.162	.09518	-.01579	-.03988	-.02409
1364.0	1677.46	2588	2.092	-.040	.09503	-.00381	.01985	.02366
1366.0	1679.93	2475	2.019	.135	.09330	.01281	-.02609	-.03890
1368.0	1682.83	2897	2.262	-.003	.09330	-.00030	-.09286	-.09256
1370.0	1685.68	2853	2.282	.012	.09328	.00111	.08046	.07935
1372.0	1688.60	2918	2.285	-.006	.09328	-.00054	.01600	.01654
1374.0	1691.48	2884	2.285	.008	.09328	.00070	.08817	.08747
1376.0	1694.39	2908	2.301	-.0[illegible]	.09312	-.00379	-.08486	-.08[illegible]7

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
		2866	2,152					
1378.0	1697.26			,098	,09223	,00912	,03044	,02132
		3229	2,325					
1380.0	1700.49			-,108	,09115	-,00995	,03464	,04460
		2835	2,133					
1382.0	1703.32			,062	,09081	,00563	-,03226	-,03789
		2968	2,304					
1384.0	1706.29			,205	,08701	,01857	,07996	,06139
		3966	2,611					
1386.0	1710.26			-,075	,08652	-,00650	,04040	,04691
		3521	2,533					
1388.0	1713.78			-,071	,08609	-,00611	-,12204	-,11593
		3186	2,430					
1390.0	1716.96			-,200	,08264	-,01724	,01173	,02897
		2566	2,010					
1392.0	1719.53			-,022	,08260	-,00179	,09563	,09742
		2450	2,016					
1394.0	1721.98			,002	,08260	,00019	-,02450	-,02469
		2484	1,998					
1396.0	1724.46			,099	,08179	,00815	-,04783	-,05597
		2814	2,150					
1398.0	1727.28			,163	,07962	,01333	-,00624	-,01957
		3401	2,471					
1400.0	1730.68			-,115	,07857	-,00916	,00186	,01102
		2946	2,264					
1402.0	1733.62			-,080	,07806	-,00629	,02372	,03001
		2776	2,047					
1404.0	1736.40			-,168	,07586	-,01312	-,03037	-,01725
		2355	1,718					
1406.0	1738.76			,310	,06859	,02349	-,00779	-,03128
		3204	2,396					
1408.0	1741.96			-,083	,06812	-,00567	,00847	,01415
		2949	2,205					
1410.0	1744.91			-,030	,06806	-,00205	,06024	,06229
		2860	2,141					
1412.0	1747.77			,143	,06666	,00975	-,00671	-,01646
		3331	2,453					
1414.0	1751.10			-,379	,05709	-,02525	,06736	,09262
		2312	1,592					
1416.0	1753.41			,383	,04874	,02184	-,12233	-,14417
		3348	2,462					
1418.0	1756.76			-,025	,04870	-,00123	,00571	,00693
		3242	2,418					
1420.0	1760.00			-,274	,04504	-,01336	,07548	,08884
		2451	1,821					
1422.0	1762.45			,307	,04079	,01384	,05720	,04336
		3413	2,467					
1424.0	1765.87			-,127	,04014	-,00517	-,10025	-,09509
		2931	2,227					

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
1426.0	1768.80			.112	.03963	.00450	.03941	.03492
		3325	2.459					
1428.0	1772.12			-.332	.03526	-.01317	-.00023	.01294
		2351	1.743					
1430.0	1774.47			.083	.03502	.00291	-.00798	-.01090
		2584	1.872					
1432.0	1777.06			-.215	.03340	-.00753	-.00254	.00499
		2056	1.520					
1434.0	1779.11			.270	.03096	.00902	-.00357	-.01260
		2482	2.191					
1436.0	1781.60			.222	.02943	.00688	.02504	.01816
		3419	2.499					
1438.0	1785.01			-.104	.02911	-.00307	-.13115	-.12809
		2986	2.322					
1440.0	1788.00			-.096	.02884	-.00278	.00277	.00555
		2677	2.138					
1442.0	1790.68			-.018	.02883	-.00051	.06550	.06601
		2608	2.118					
1444.0	1793.29			-.154	.02815	-.00445	-.07848	-.07403
		2319	1.745					
1446.0	1795.60			.282	.02592	.00793	.00563	-.00230
		3076	2.347					
1448.0	1798.68			.043	.02587	.00112	-.02102	-.02214
		3322	2.369					
1450.0	1802.00			-.127	.02545	-.00328	.03015	.03343
		2877	2.120					
1452.0	1804.88			.007	.02545	.00017	-.03112	-.03129
		2924	2.113					
1454.0	1807.80			.001	.02545	.00004	.04777	.04773
		2894	2.141					
1456.0	1810.70			.028	.02543	.00072	-.02082	-.02155
		2955	2.220					
1458.0	1813.65			.034	.02540	.00087	-.07197	-.07284
		3035	2.315					
1460.0	1816.69			.093	.02518	.00236	.06980	.06744
		3445	2.457					
1462.0	1820.13			-.123	.02480	-.00309	-.00333	-.00024
		2976	2.223					
1464.0	1823.11			-.124	.02442	-.00306	.05072	.05378
		2652	1.946					
1466.0	1825.76			-.126	.02404	-.00307	.04957	.05264
		2292	1.749					
1468.0	1828.05			.146	.02352	.00351	-.11264	-.11615
		2458	2.188					
1470.0	1830.51			.120	.02318	.00283	-.00270	-.00552
		2868	2.386					
1472.0	1833.38			.125	.02282	.00289	.07735	.07446
		3524	2.496					
1474.0	1836.90			.0	.02282	.00004	.07428	.07 93

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
		3475	2.541					
1476.0	1840.38			-.002	.02282	-.00005	.04475	.04480
		3425	2.566					
1478.0	1843.80			-.124	.02247	-.00282	.00471	.00753
		3087	2.220					
1480.0	1846.89			.045	.02243	.00101	-.01125	-.01226
		3158	2.375					
1482.0	1850.05			.097	.02222	.00217	-.01882	-.02099
		3579	2.544					
1484.0	1853.63			-.035	.02219	-.00077	-.03011	-.02934
		3392	2.504					
1486.0	1857.02			-.092	.02201	-.00204	.03825	.04030
		3053	2.313					
1488.0	1860.07			.026	.02199	.00057	-.00755	-.00812
		3208	2.319					
1490.0	1863.28			-.038	.02196	-.00084	.04456	.04540
		3068	2.247					
1492.0	1866.35			.053	.02190	.00116	-.03539	-.03655
		3195	2.397					
1494.0	1869.54			-.133	.02151	-.00292	.00347	.00639
		2785	2.103					
1496.0	1872.33			.172	.02087	.00370	-.05291	-.05661
		3418	2.426					
1498.0	1875.74			-.077	.02075	-.00161	-.03629	-.03469
		3091	2.299					
1500.0	1878.83			-.084	.02060	-.00175	-.07342	-.07167
		2875	2.087					
1502.0	1881.71			.132	.02024	.00273	.06857	.06584
		3213	2.437					
1504.0	1884.92			.060	.02017	.00121	.00489	.00367
		3445	2.562					
1506.0	1888.37			-.056	.02010	-.00112	.05395	.05507
		3211	2.460					
1508.0	1891.58			-.019	.02010	-.00037	.02602	.02639
		3212	2.369					
1510.0	1894.79			.011	.02009	.00021	-.01287	-.01308
		3166	2.456					
1512.0	1897.96			-.001	.02009	-.00002	.04448	.04451
		3154	2.459					
1514.0	1901.11			.043	.02006	.00086	.08431	.08345
		3375	2.505					
1516.0	1904.49			.029	.02004	.00058	-.02139	-.02198
		3482	2.573					
1518.0	1907.97			-.088	.01989	-.00176	-.04827	-.04651
		3147	2.387					
1520.0	1911.12			-.001	.01989	-.00002	-.03542	-.03540
		3120	2.404					
1522.0	1914.24			-.038	.01986	-.00076	.03454	.03529
		2896	2.400					

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
1524.0	1917.13			.107	.01963	.00212	-.04629	-.04841
		3447	2.498					
1526.0	1920.58			-.128	.01931	-.00252	-.02067	-.01815
		2938	2.264					
1528.0	1923.52			-.056	.01925	-.00108	-.04262	-.04154
		2822	2.108					
1530.0	1926.34			.074	.01914	.00142	.09867	.09724
		3092	2.232					
1532.0	1929.43			.053	.01909	.00102	-.02133	-.02235
		3219	2.385					
1534.0	1932.65			.073	.01899	.00140	-.01782	-.01921
		3507	2.534					
1536.0	1936.16			-.023	.01898	-.00043	.05024	.05067
		3370	2.520					
1538.0	1939.53			-.080	.01886	-.00151	-.07253	-.07102
		3055	2.370					
1540.0	1942.58			.092	.01870	.00173	.06119	.05946
		3373	2.582					
1542.0	1945.96			-.056	.01864	-.00104	-.01320	-.01216
		3132	2.487					
1544.0	1949.09			-.170	.01810	-.00317	-.07854	-.07536
		2538	2.176					
1546.0	1951.63			.041	.01807	.00075	.03994	.03920
		2764	2.169					
1548.0	1954.39			.036	.01805	.00065	-.00247	-.00312
		2866	2.248					
1550.0	1957.26			.086	.01791	.00155	-.02417	-.02572
		3188	2.400					
1552.0	1960.44			-.004	.01791	-.00006	.05209	.05216
		3161	2.403					
1554.0	1963.61			.018	.01791	.00031	-.08811	-.08842
		3137	2.508					
1556.0	1966.74			.005	.01791	.00009	.08143	.08134
		3211	2.475					
1558.0	1969.95			-.127	.01762	-.00227	-.02085	-.01858
		2819	2.184					
1560.0	1972.77			.108	.01741	.00190	.00995	.00805
		3202	2.388					
1562.0	1975.97			-.024	.01740	-.00041	.01493	.01535
		3034	2.404					
1564.0	1979.01			.067	.01732	.00117	.00022	-.00095
		3346	2.493					
1566.0	1982.35			-.223	.01646	-.00386	-.00850	-.00464
		2572	2.060					
1568.0	1984.93			.007	.01646	.00011	.02202	.02191
		2579	2.082					
1570.0	1987.50			.028	.01645	.00046	-.00867	-.00913
		2676	2.122					
1572.0	1990.18			.000	.01632	.00147	-.01243	-.01390

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
		2947	2,305					
1574.0	1993.13			,016	,01631	,00027	,03323	,03296
		3053	2,300					
1576.0	1996.18			-,009	,01631	-,00015	,04043	,04058
		2923	2,358					
1578.0	1999.10			-,128	,01605	-,00208	-,06458	-,06250
		2572	2,073					
1580.0	2001.68			,275	,01483	,00441	-,05322	-,05763
		3626	2,587					
1582.0	2005.30			-,040	,01481	-,00059	-,08279	-,08220
		3450	2,511					
1584.0	2008.75			-,113	,01462	-,00168	,02291	,02459
		3018	2,285					
1586.0	2011.77			,007	,01462	,00010	-,02037	-,02046
		3038	2,301					
1588.0	2014.81			,111	,01444	,00163	,00484	,00321
		3433	2,547					
1590.0	2018.24			-,162	,01406	-,00234	,02253	,02487
		2791	2,258					
1592.0	2021.03			,081	,01396	,00114	-,02913	-,03028
		3132	2,368					
1594.0	2024.16			,060	,01391	,00084	,10669	,10584
		3444	2,431					
1596.0	2027.61			-,020	,01391	-,00028	,05212	,05240
		3211	2,505					
1598.0	2030.82			-,016	,01390	-,00022	-,05836	-,05814
		3236	2,407					
1600.0	2034.06			-,019	,01390	-,00027	-,04732	-,04705
		3031	2,473					
1602.0	2037.09			,046	,01387	,00064	,03424	,03360
		3352	2,450					
1604.0	2040.44			-,095	,01375	-,00131	,06525	,06656
		2911	2,334					
1606.0	2043.35			,146	,01345	,00201	-,06000	-,06201
		3572	2,554					
1608.0	2046.92			-,112	,01328	-,00150	-,07191	-,07041
		3133	2,327					
1610.0	2050.05			,116	,01311	,00154	,07963	,07809
		3623	2,540					
1612.0	2053.68			-,155	,01279	-,00204	-,00278	-,00074
		2846	2,364					
1614.0	2056.52			-,198	,01229	-,00253	,02558	,02812
		2390	1,884					
1616.0	2058.91			,274	,01137	,00336	,06666	,06330
		3286	2,404					
1618.0	2062.20			,033	,01135	,00038	-,08650	-,08688
		3405	2,479					
1620.0	2065.60			-,041	,01133	-,00047	,03263	,03309
		3193	2,435					

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
1622.0	2068.80			-.004	.01133	-.00005	-.00053	-.00049
		3178	2.427					
1624.0	2071.97			-.194	.01091	-.00220	-.01934	-.01714
		2594	2.005					
1626.0	2074.57			.061	.01086	.00067	-.03425	-.03492
		2692	2.184					
1628.0	2077.26			.195	.01045	.00211	.05692	.05480
		3447	2.530					
1630.0	2080.71			-.089	.01037	-.00093	-.03403	-.03310
		3113	2.344					
1632.0	2083.82			.025	.01036	.00026	.04365	.04339
		3214	2.388					
1634.0	2087.04			-.127	.01020	-.00132	-.09000	-.08868
		2755	2.158					
1636.0	2089.79			.098	.01010	.00100	.06289	.06189
		3022	2.393					
1638.0	2092.81			.017	.01010	.00017	.02665	.02648
		3189	2.346					
1640.0	2096.00			.039	.01008	.00039	-.05080	-.05120
		3275	2.469					
1642.0	2099.28			-.126	.00992	-.00127	-.02565	-.02437
		2839	2.210					
1644.0	2102.12			.080	.00986	.00079	.02175	.02096
		3117	2.362					
1646.0	2105.23			.082	.00979	.00081	.00192	.00111
		3435	2.527					
1648.0	2108.67			-.181	.00947	-.00177	-.04116	-.03939
		2837	2.123					
1650.0	2111.50			.211	.00905	.00200	-.02044	-.02244
		3618	2.554					
1652.0	2115.12			-.114	.00893	-.00103	.02349	.02452
		3062	2.400					
1654.0	2118.18			-.055	.00891	-.00049	-.07606	-.07557
		2918	2.257					
1656.0	2121.10			.079	.00885	.00071	.11690	.11619
		3142	2.458					
1658.0	2124.24			-.031	.00884	-.00028	-.00645	-.00617
		3082	2.353					
1660.0	2127.33			-.009	.00884	-.00008	.10266	.10274
		3036	2.345					
1662.0	2130.36			.130	.00869	.00115	-.01946	-.02061
		3645	2.537					
1664.0	2134.01			-.138	.00853	-.00119	-.01002	-.00883
		3038	2.309					
1666.0	2137.05			.068	.00849	.00058	-.07696	-.07754
		3264	2.461					
1668.0	2140.31			.003	.00849	.00003	-.07917	-.07919
		3268	2.474					
1670.0	2143.58			.000	.00849	.00006	.01511	.01505

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
		3339	2.455					
1672.0	2146.92			.014	.00848	.00012	.06677	.06665
		3350	2.516					
1674.0	2150.27			-.012	.00848	-.00011	-.02456	-.02446
		3252	2.529					
1676.0	2153.52			.041	.00847	.00034	.05169	.05135
		3553	2.510					
1678.0	2157.07			-.035	.00846	-.00030	-.01397	-.01367
		3354	2.478					
1680.0	2160.43			.017	.00846	.00014	.04545	.04531
		3370	2.550					
1682.0	2163.80			.023	.00845	.00020	-.08129	-.08149
		3529	2.550					
1684.0	2167.33			-.052	.00843	-.00044	.00916	.00960
		3329	2.436					
1686.0	2170.65			.051	.00841	.00043	.03122	.03078
		3596	2.500					
1688.0	2174.25			-.010	.00841	-.00009	-.02633	-.02624
		3438	2.562					
1690.0	2177.69			-.071	.00836	-.00060	.06781	.06840
		3179	2.401					
1692.0	2180.87			.111	.00826	.00092	-.00777	-.00870
		3693	2.581					
1694.0	2184.56			-.012	.00826	-.00010	-.03104	-.03094
		3645	2.554					
1696.0	2188.20			-.137	.00811	-.00113	.03086	.03199
		3072	2.301					
1698.0	2191.28			-.147	.00793	-.00120	-.02568	-.02448
		2506	2.096					
1700.0	2193.78			-.011	.00793	-.00009	.00794	.00803
		2578	1.991					
1702.0	2196.36			.279	.00731	.00221	-.00030	-.00252
		3551	2.565					
1704.0	2199.91			-.028	.00730	-.00020	.07161	.07181
		3505	2.458					
1706.0	2203.42			.021	.00730	.00015	-.01951	-.01966
		3582	2.509					
1708.0	2207.00			-.003	.00730	-.00002	.00123	.00125
		3593	2.488					
1710.0	2210.59			-.116	.00720	-.00085	.01863	.01947
		3035	2.334					
1712.0	2213.63			.054	.00718	.00039	-.03850	-.03889
		3269	2.414					
1714.0	2216.90			.076	.00714	.00054	-.00412	-.00466
		3729	2.463					
1716.0	2220.63			-.076	.00710	-.00054	.02776	.02830
		3219	2.449					
1718.0	2223.85			.028	.00709	.00020	.03697	.03678
		3367	2.475					

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
1720.0	2227.21			.025	.00709	.00018	-.01874	-.01892
		3518	2,491					
1722.0	2230.73			-.061	.00706	-.00043	-.00417	-.00374
		3331	2,329					
1724.0	2234.06			.079	.00702	.00056	-.05881	-.05937
		3554	2,560					
1726.0	2237.62			-.053	.00700	-.00037	-.00770	-.00732
		3309	2,473					
1728.0	2240.92			-.011	.00700	-.00007	-.01696	-.01689
		3278	2,443					
1730.0	2244.20			-.022	.00700	-.00016	-.06219	-.06204
		3220	2,378					
1732.0	2247.42			-.018	.00699	-.00012	.07729	.07741
		3094	2,390					
1734.0	2250.52			.118	.00690	.00083	-.01674	-.01757
		3626	2,586					
1736.0	2254.14			-.029	.00689	-.00020	.04991	.05011
		3494	2,532					
1738.0	2257.64			-.050	.00687	-.00034	-.06832	-.06797
		3243	2,469					
1740.0	2260.88			-.123	.00677	-.00084	.00294	.00378
		2792	2,241					
1742.0	2263.67			.110	.00669	.00074	.05373	.05298
		3208	2,431					
1744.0	2266.88			.059	.00666	.00040	.00041	.00001
		3512	2,501					
1746.0	2270.39			-.082	.00662	-.00055	.02080	.02135
		3181	2,340					
1748.0	2273.57			.018	.00662	.00012	-.04423	-.04435
		3252	2,373					
1750.0	2276.82			.048	.00660	.00032	-.00489	-.00520
		3444	2,468					
1752.0	2280.27			-.032	.00659	-.00021	-.00798	-.00777
		3356	2,377					
1754.0	2283.62			-.069	.00656	-.00046	.03372	.03418
		3003	2,313					
1756.0	2286.63			.086	.00651	.00056	.05353	.05297
		3377	2,445					
1758.0	2290.00			.032	.00651	.00021	-.06762	-.06783
		3522	2,500					
1760.0	2293.53			.030	.00650	.00020	.00028	.00009
		3727	2,509					
1762.0	2297.25			-.026	.00650	-.00017	.02815	.02832
		3505	2,532					
1764.0	2300.76			-.177	.00629	-.00115	.02499	.02615
		2831	2,191					
1766.0	2303.59			.194	.00606	.00122	.02114	.01992
		3608	2,544					
1768.0	2307.20			.0[illegible]	.00605	.00019	-.07566	-.07[illegible]5

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
		3804	2,573					
1770.0	2311.00			-.061	.00603	-.00037	-.02016	-.01979
		3495	2,481					
1772.0	2314.50			-.283	.00555	-.00171	.01436	.01607
		2571	1,884					
1774.0	2317.07			.181	.00536	.00101	-.01136	-.01237
		2975	2,349					
1776.0	2320.04			-.064	.00534	-.00034	.02419	.02453
		2871	2,142					
1778.0	2322.91			.194	.00514	.00104	-.00606	-.00710
		3599	2,533					
1780.0	2326.51			-.299	.00468	-.00154	-.05749	-.05596
		2565	1,919					
1782.0	2329.08			.310	.00423	.00145	.00830	.00685
		3625	2,577					
1784.0	2332.70			-.041	.00423	-.00017	.07035	.07052
		3410	2,526					
1786.0	2336.11			.030	.00422	.00013	-.01881	-.01894
		3663	2,500					
1788.0	2339.78			-.107	.00417	-.00045	.02602	.02647
		3200	2,310					
1790.0	2342.98			-.005	.00417	-.00002	.05756	.05758
		3145	2,329					
1792.0	2346.12			-.045	.00416	-.00019	-.07363	-.07345
		2874	2,328					
1794.0	2348.99			.121	.00410	.00051	-.00023	-.00074
		3365	2,539					
1796.0	2352.36			.060	.00409	.00025	.00265	.00241
		3820	2,521					
1798.0	2356.18			-.166	.00398	-.00068	.01026	.01094
		3025	2,276					
1800.0	2359.20			.039	.00397	.00016	-.02478	-.02494
		3138	2,373					
1802.0	2362.34			.100	.00393	.00040	.02835	.02796
		3585	2,537					
1804.0	2365.93			-.146	.00385	-.00057	.00376	.00433
		3050	2,223					
1806.0	2368.98			.142	.00377	.00055	-.03010	-.03065
		3570	2,528					
1808.0	2372.55			.020	.00377	.00007	-.01373	-.01380
		3663	2,563					
1810.0	2376.21			-.178	.00365	-.00067	-.01197	-.01130
		2909	2,252					
1812.0	2379.12			-.104	.00361	-.00038	.00476	.00514
		2669	1,992					
1814.0	2381.79			.213	.00345	.00077	-.03824	-.03901
		3369	2,431					
1816.0	2385.16			-.086	.00342	-.00030	.01518	.01548
		3044	2,263					

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
1818.0	2388.20			.143	.00335	.00049	-.02887	-.02936
		3671	2.501					
1820.0	2391.87			-.007	.00335	-.00002	.00426	.00429
		3639	2.486					
1822.0	2395.51			.001	.00335	0	-.00736	-.00736
		3633	2.492					
1824.0	2399.14			.025	.00335	.00008	.02856	.02847
		3766	2.527					
1826.0	2402.91			-.251	.00314	-.00084	.03930	.04014
		2773	2.055					
1828.0	2405.68			-.214	.00299	-.00067	-.01249	-.01182
		2299	1.605					
1830.0	2407.98			.382	.00256	.00114	.05305	.05191
		3336	2.473					
1832.0	2411.32			.015	.00256	.00004	.01889	.01885
		3449	2.466					
1834.0	2414.77			.018	.00256	.00005	-.02612	-.02617
		3581	2.461					
1836.0	2418.35			-.017	.00255	-.00004	.02515	.02519
		3504	2.429					
1838.0	2421.85			.043	.00255	.00011	-.04623	-.04634
		3648	2.541					
1840.0	2425.50			-.008	.00255	-.00002	.00803	.00806
		3584	2.542					
1842.0	2429.08			-.358	.00222	-.00091	-.06314	-.06223
		2432	1.770					
1844.0	2431.52			.303	.00202	.00067	.03336	.03268
		3489	2.308					
1846.0	2435.01			.110	.00199	.00022	.02951	.02929
		3887	2.582					
1848.0	2438.89			.035	.00199	.00007	.02394	.02387
		4189	2.567					
1850.0	2443.08			-.019	.00199	-.00004	-.11160	-.11156
		4009	2.580					
1852.0	2447.09			.008	.00199	.00002	.04838	.04837
		4078	2.578					
1854.0	2451.17			-.109	.00197	-.00022	-.00772	-.00750
		3597	2.346					
1856.0	2454.77			.024	.00197	.00005	.02541	.02536
		3644	2.430					
1858.0	2458.41			-.015	.00197	-.00003	.00873	.00876
		3659	2.348					
1860.0	2462.07			.072	.00196	.00014	-.01751	-.01765
		3910	2.537					
1862.0	2465.98			.027	.00195	.00005	-.04808	-.04813
		4079	2.564					
1864.0	2470.06			.047	.00195	.00009	.03132	.03123
		4342	2.645					
1866.0	2474.40			-.0[illegible]	.00195	-.00007	.04547	.0[illegible]4

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
		4181	2,566					
1868.0	2478.58			-.083	.00193	-.00016	-.01441	-.01425
		3736	2,430					
1870.0	2482.32			.087	.00192	.00017	.05402	.05385
		4198	2,576					
1872.0	2486.52			-.130	.00189	-.00025	.01702	.01727
		3512	2,371					
1874.0	2490.03			0	.00189	0	-.00281	-.00281
		3515	2,369					
1876.0	2493.54			.150	.00184	.00028	-.01535	-.01563
		4456	2,529					
1878.0	2498.00			.028	.00184	.00005	.00273	.00268
		4660	2,556					
1880.0	2502.66			-.044	.00184	-.00008	-.06267	-.06259
		4198	2,601					
1882.0	2506.86			-.116	.00181	-.00021	.07304	.07325
		3638	2,378					
1884.0	2510.50			-.002	.00181	0	-.03499	-.03498
		3633	2,373					
1886.0	2514.13			-.157	.00177	-.00028	.06610	.06638
		2902	2,164					
1888.0	2517.03			.082	.00176	.00014	-.03346	-.03360
		3157	2,345					
1890.0	2520.19			.042	.00176	.00007	-.01410	-.01418
		3423	2,353					
1892.0	2523.61			.046	.00175	.00008	.05257	.05249
		3567	2,475					
1894.0	2527.18			-.081	.00174	-.00014	-.00789	-.00775
		3330	2,254					
1896.0	2530.51			.049	.00174	.00009	.03862	.03853
		3547	2,334					
1898.0	2534.06			.083	.00172	.00014	-.05227	-.05241
		3887	2,516					
1900.0	2537.94			-.030	.00172	-.00005	-.03703	-.03698
		3688	2,498					
1902.0	2541.63			-.050	.00172	-.00009	.03153	.03162
		3481	2,393					
1904.0	2545.11			.037	.00172	.00006	.00151	.00144
		3706	2,423					
1906.0	2548.82			.023	.00171	.00004	.04040	.04036
		3747	2,508					
1908.0	2552.56			-.004	.00171	-.00001	-.02797	-.02796
		3661	2,547					
1910.0	2556.23			-.202	.00164	-.00035	.00698	.00733
		2902	2,133					
1912.0	2559.13			.198	.00158	.00033	-.02236	-.02269
		3816	2,423					
1914.0	2562.94			-.016	.00158	-.00003	-.01823	-.01820
		3723	2,406					

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
1916.0	2566.67			-.060	.00157	-.00009	.03866	.03876
		3436	2.314					
1918.0	2570.10			-.027	.00157	-.00004	-.00687	-.00683
		3346	2.252					
1920.0	2573.45			.056	.00157	.00009	.03412	.03403
		3415	2.467					
1922.0	2576.86			.015	.00157	.00002	-.03688	-.03690
		3528	2.462					
1924.0	2580.39			.046	.00156	.00007	-.04214	-.04221
		3822	2.491					
1926.0	2584.21			-.048	.00156	-.00007	-.02333	-.02326
		3585	2.413					
1928.0	2587.80			-.002	.00156	0	.04166	.04166
		3598	2.394					
1930.0	2591.40			-.032	.00156	-.00005	-.07021	-.07016
		3415	2.364					
1932.0	2594.81			.060	.00155	.00009	.02822	.02813
		3725	2.444					
1934.0	2598.54			.036	.00155	.00006	.02910	.02904
		3920	2.497					
1936.0	2602.46			-.044	.00155	-.00007	.01308	.01315
		3659	2.452					
1938.0	2606.11			.002	.00155	0	-.03398	-.03398
		3635	2.479					
1940.0	2609.75			-.037	.00155	-.00006	-.05018	-.05012
		3469	2.413					
1942.0	2613.22			.061	.00154	.00009	.07398	.07388
		3804	2.486					
1944.0	2617.02			-.024	.00154	-.00004	-.02659	-.02655
		3686	2.448					
1946.0	2620.71			.051	.00154	.00008	.05615	.05607
		3937	2.539					
1948.0	2624.65			.011	.00154	.00002	-.02209	-.02211
		3958	2.583					
1950.0	2628.60			-.030	.00153	-.00005	.00835	.00840
		3796	2.536					
1952.0	2632.40			0	.00153	0	.05182	.05182
		3791	2.539					
1954.0	2636.19			-.071	.00153	-.00011	-.04516	-.04505
		3470	2.405					
1956.0	2639.66			.090	.00151	.00014	-.01060	-.01074
		3947	2.531					
1958.0	2643.61			.012	.00151	.00002	.02651	.02649
		4010	2.553					
1960.0	2647.62			.038	.00151	.00006	-.07375	-.07381
		4204	2.630					
1962.0	2651.82			-.008	.00151	-.00001	.07818	.07819
		4192	2.594					
1964.0	2656.01			-.0[illegible]	.00150	-.00013	-.05625	-.05[illegible]2

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
		3735	2.450					
1966.0	2659.75			.039	.00150	.00006	.08320	.08314
		3870	2.555					
1968.0	2663.62			-.015	.00150	-.00002	-.00214	-.00212
		3808	2.518					
1970.0	2667.43			-.006	.00150	-.00001	.00307	.00308
		3793	2.498					
1972.0	2671.22			.085	.00149	.00013	-.00959	-.00972
		4305	2.613					
1974.0	2675.52			-.081	.00148	-.00012	-.02932	-.02920
		3871	2.472					
1976.0	2679.39			-.030	.00148	-.00004	.00087	.00091
		3768	2.390					
1978.0	2683.16			.044	.00147	.00006	.09250	.09243
		3971	2.476					
1980.0	2687.13			.026	.00147	.00004	-.04025	-.04029
		4004	2.587					
1982.0	2691.14			.034	.00147	.00005	.06612	.06607
		4283	2.590					
1984.0	2695.42			-.014	.00147	-.00002	-.06941	-.06939
		4160	2.595					
1986.0	2699.58			-.042	.00147	-.00006	.08232	.08238
		3913	2.537					
1988.0	2703.49			.025	.00147	.00004	-.05507	-.05511
		4018	2.597					
1990.0	2707.51			-.012	.00147	-.00002	-.01167	-.01165
		4013	2.540					
1992.0	2711.52			.015	.00147	.00002	-.05150	-.05152
		4054	2.589					
1994.0	2715.58			.012	.00147	.00002	.03583	.03582
		4128	2.606					
1996.0	2719.71			-.051	.00146	-.00007	-.10842	-.10835
		3850	2.525					
1998.0	2723.56			0	.00146	0	.03208	.03208
		3841	2.530					
2000.0	2727.40			0	.00146	0	.05505	.05505
		3891	2.495					
2002.0	2731.29			.025	.00146	.00004	.03628	.03625
		3988	2.557					
2004.0	2735.28			-.063	.00146	-.00009	-.00728	-.00718
		3615	2.488					
2006.0	2738.89			.062	.00145	.00009	-.01642	-.01651
		3982	2.555					
2008.0	2742.87			-.149	.00142	-.00022	.02031	.02053
		3327	2.267					
2010.0	2746.20			.167	.00138	.00024	-.01624	-.01648
		4086	2.588					
2012.0	2750.29			-.019	.00138	-.00003	-.00511	-.00509
		3954	2.575					

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
2014.0	2754.24			.020	.00138	.00003	.01836	.01833
		4089	2.593					
2016.0	2758.33			-.012	.00138	-.00002	.00263	.00265
		4073	2.541					
2018.0	2762.40			-.034	.00138	-.00005	-.03851	-.03846
		3859	2.506					
2020.0	2766.26			.059	.00137	.00008	-.01263	-.01271
		4207	2.586					
2022.0	2770.47			-.009	.00137	-.00001	.04213	.04214
		4121	2.592					
2024.0	2774.59			.003	.00137	0	-.03382	-.03382
		4161	2.581					
2026.0	2778.75			.021	.00137	.00003	.05543	.05540
		4317	2.593					
2028.0	2783.07			-.017	.00137	-.00002	-.04614	-.04612
		4155	2.606					
2030.0	2787.22			.004	.00137	.00001	-.02364	-.02364
		4206	2.597					
2032.0	2791.43			-.015	.00137	-.00002	-.00830	-.00828
		4121	2.574					
2034.0	2795.55			.016	.00137	.00002	-.01421	-.01423
		4230	2.591					
2036.0	2799.78			-.018	.00137	-.00002	.01128	.01131
		4103	2.579					
2038.0	2803.88			.005	.00137	.00001	-.01652	-.01653
		4133	2.587					
2040.0	2808.01			.018	.00137	.00002	.03742	.03740
		4287	2.587					
2042.0	2812.30			.003	.00137	0	.06916	.06916
		4284	2.603					
2044.0	2816.58			-.080	.00136	-.00011	-.06452	-.06441
		3803	2.500					
2046.0	2820.39			.046	.00136	.00006	-.02739	-.02745
		4036	2.583					
2048.0	2824.42			-.005	.00136	-.00001	-.02842	-.02842
		4041	2.556					
2050.0	2828.46			.041	.00135	.00006	.00221	.00216
		4263	2.633					
2052.0	2832.73			-.009	.00135	-.00001	.06091	.06092
		4193	2.630					
2054.0	2836.92			-.020	.00135	-.00003	.00494	.00497
		4105	2.582					
2056.0	2841.03			.004	.00135	0	-.04542	-.04542
		4154	2.569					
2058.0	2845.18			-.049	.00135	-.00007	.05206	.05213
		3835	2.523					
2060.0	2849.02			-.013	.00135	-.00002	-.01283	-.01281
		3803	2.478					
2062.0	2852.82			.0[illegible]	.00134	.00012	.10044	.10[illegible]2

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
		4617	2,433					
2064.0	2857.43			.061	.00133	.00008	-.12864	-.12872
		5015	2,531					
2066.0	2862.45			-.115	.00132	-.00015	.01302	.01317
		4055	2,483					
2068.0	2866.51			.066	.00131	.00009	.02949	.02940
		4472	2,571					
2070.0	2870.98			-.025	.00131	-.00003	-.00842	-.00838
		4297	2,547					
2072.0	2875.27			-.035	.00131	-.00005	-.05699	-.05695
		4029	2,533					
2074.0	2879.30			.033	.00131	.00004	.03320	.03316
		4216	2,584					
2076.0	2883.52			-.016	.00131	-.00002	.02055	.02057
		4102	2,572					
2078.0	2887.62			.034	.00131	.00004	-.00608	-.00613
		4328	2,610					
2080.0	2891.95			-.048	.00130	-.00006	.05911	.05917
		4034	2,544					
2082.0	2895.98			.044	.00130	.00006	-.01672	-.01678
		4322	2,591					
2084.0	2900.31			-.011	.00130	-.00001	-.02135	-.02133
		4235	2,587					
2086.0	2904.54			-.052	.00130	-.00007	-.02339	-.02332
		3930	2,515					
2088.0	2908.47			.043	.00129	.00006	.07503	.07498
		4167	2,584					
2090.0	2912.64			.001	.00129	0	.02313	.02313
		4172	2,587					
2092.0	2916.81			-.010	.00129	-.00001	-.05215	-.05214
		4133	2,562					
2094.0	2920.94			.024	.00129	.00003	-.03089	-.03092
		4287	2,593					
2096.0	2925.23			-.046	.00129	-.00006	.04527	.04533
		3997	2,533					
2098.0	2929.23			.039	.00129	.00005	-.08639	-.08644
		4200	2,605					
2100.0	2933.43			.001	.00129	0	-.02188	-.02188
		4215	2,600					
2102.0	2937.64			.047	.00129	.00006	.01324	.01318
		4557	2,640					
2104.0	2942.20			.006	.00129	.00001	-.01006	-.01007
		4687	2,600					
2106.0	2946.89			-.074	.00128	-.00010	.07251	.07260
		4137	2,539					
2108.0	2951.02			.056	.00127	.00007	.03956	.03949
		4520	2,600					
2110.0	2955.54			-.051	.00127	-.00006	-.04593	-.04586
		4177	2,542					

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
2112.0	2959.72			.038	.00127	.00005	-.01349	-.01354
		4357	2.628					
2114.0	2964.08			-.006	.00127	-.00001	-.08400	-.08400
		4292	2.636					
2116.0	2968.37			0	0	0	.09937	.09937
2118.0							-.00747	-.00747
2120.0							.02832	.02832
2122.0							.03362	.03362
2124.0							.00036	.00036
2126.0							.00942	.00942
2128.0							-.01609	-.01609
2130.0							-.12764	-.12764
2132.0							.01835	.01835
2134.0							.03117	.03117
2136.0							.02475	.02475
2138.0							.05000	.05000
2140.0							-.02908	-.02908
2142.0							.10850	.10850
2144.0							-.07412	-.07412
2146.0							.01983	.01983
2148.0							.04308	.04308
2150.0							.01903	.01903
2152.0							.00984	.00984
2154.0							-.04984	-.04984
2156.0							-.06028	-.06028
2158.0							.00815	.00815
2160.0							-.01186	-.01186

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
2162.0							.02361	.02361
2164.0							-.03902	-.03902
2166.0							.00569	.00569
2168.0							.04868	.04868
2170.0							-.02051	-.02051
2172.0							-.07858	-.07858
2174.0							-.00321	-.00321
2176.0							.03234	.03234
2178.0							-.08065	-.08065
2180.0							-.00536	-.00536
2182.0							.02588	.02588
2184.0							.01393	.01393
2186.0							.03605	.03605
2188.0							.12806	.12806
2190.0							.02568	.02568
2192.0							.10751	.10751
2194.0							-.10282	-.10282
2196.0							-.01265	-.01265
2198.0							.00270	.00270
2200.0							-.06270	-.06270
2202.0							-.03849	-.03849
2204.0							.00728	.00728
2206.0							-.08579	-.08579
2208.0							.02300	.02300

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
2210.0							.00603	.00603
2212.0							.03270	.03270
2214.0							.00241	.00241
2216.0							-.03012	-.03012
2218.0							.04022	.04022
2220.0							-.05974	-.05974
2222.0							.06396	.06396
2224.0							-.03328	-.03328
2226.0							-.09516	-.09516
2228.0							-.01077	-.01077
2230.0							.03639	.03639
2232.0							.09602	.09602
2234.0							-.05351	-.05351
2236.0							-.01491	-.01491
2238.0							-.00810	-.00810
2240.0							.01876	.01876
2242.0							.02384	.02384
2244.0							-.02677	-.02677
2246.0							.04174	.04174
2248.0							.00612	.00612
2250.0							.00079	.00079
2252.0							-.05462	-.05462
2254.0							-.04435	-.04435
2256.0							.09798	.09798
2258.0							.01868	.01868

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
2260.0							-.02119	-.02119
2262.0							.01551	.01551
2264.0							-.01097	-.01097
2266.0							-.04126	-.04126
2268.0							.01659	.01659
2270.0							-.02669	-.02669
2272.0							.08955	.08955
2274.0							-.00905	-.00905
2276.0							.04448	.04448
2278.0							.05661	.05661
2280.0							-.10939	-.10939
2282.0							-.00357	-.00357
2284.0							-.02827	-.02827
2286.0							-.02788	-.02788
2288.0							-.00553	-.00553
2290.0							-.03587	-.03587
2292.0							.02175	.02175
2294.0							-.03631	-.03631
2296.0							.02726	.02726
2298.0							-.01333	-.01333
2300.0							.06509	.06509
2302.0							-.00571	-.00571
2304.0							.11633	.11633
2306.0							.03181	.03181

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
2308.0							-.05693	-.05693
2310.0							-.07752	-.07752
2312.0							.06352	.06352
2314.0							-.06494	-.06494
2316.0							.12942	.12942
2318.0							-.00006	-.00006
2320.0							-.01674	-.01674
2322.0							.00793	.00793
2324.0							.00121	.00121
2326.0							.03135	.03135
2328.0							.06196	.06196
2330.0							-.14007	-.14007
2332.0							-.01841	-.01841
2334.0							-.05786	-.05786
2336.0							-.04672	-.04672
2338.0							-.02244	-.02244
2340.0							.00018	.00018
2342.0							.00043	.00043
2344.0							-.00346	-.00346
2346.0							.01482	.01482
2348.0							.03735	.03735
2350.0							-.04744	-.04744
2352.0							.12782	.12782
2354.0							-.04011	-.04011
2356.0							-.02792	-.02792

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
2358.0							.04979	.04979
2360.0							.01425	.01425
2362.0							.04904	.04904
2364.0							-.03590	-.03590
2366.0							-.01999	-.01999
2368.0							.03124	.03124
2370.0							-.10653	-.10653
2372.0							.04177	.04177
2374.0							-.00202	-.00202
2376.0							-.06549	-.06549
2378.0							-.00255	-.00255
2380.0							.02010	.02010
2382.0							-.08759	-.08759
2384.0							.01885	.01885
2386.0							.06811	.06811
2388.0							.03478	.03478
2390.0							-.07757	-.07757
2392.0							.06940	.06940
2394.0							-.08895	-.08895
2396.0							.04133	.04133
2398.0							.05385	.05385
2400.0							-.05193	-.05193
2402.0							.03697	.03697
2404.0							-.00923	-.00923

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
2406.0							-.00734	-.00734
2408.0							.07523	.07523
2410.0							.03729	.03729
2412.0							.02954	.02954
2414.0							.02316	.02316
2416.0							-.08052	-.08052
2418.0							-.07200	-.07200
2420.0							.00329	.00329
2422.0							.01584	.01584
2424.0							.02457	.02457
2426.0							-.01443	-.01443
2428.0							.01084	.01084
2430.0							-.05077	-.05077
2432.0							-.03223	-.03223
2434.0							.07961	.07961
2436.0							-.06252	-.06252
2438.0							.07988	.07988
2440.0							-.03423	-.03423
2442.0							.05217	.05217
2444.0							-.01359	-.01359
2446.0							-.01306	-.01306
2448.0							-.02700	-.02700
2450.0							-.00298	-.00298
2452.0							-.00022	-.00022
2454.0							.16095	.16095

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
2456.0							-.02547	-.02547
2458.0							-.03426	-.03426
2460.0							.00892	.00892
2462.0							-.00175	-.00175
2464.0							-.03857	-.03857
2466.0							.01813	.01813
2468.0							.01183	.01183
2470.0							-.11938	-.11938
2472.0							.04212	.04212
2474.0							-.02541	-.02541
2476.0							-.01971	-.01971
2478.0							.10665	.10665
2480.0							-.03684	-.03684
2482.0							.02325	.02325
2484.0							-.05492	-.05492
2486.0							-.02049	-.02049
2488.0							-.00500	-.00500
2490.0							-.05008	-.05008
2492.0							.04670	.04670
2494.0							.04284	.04284
2496.0							.02599	.02599
2498.0							.01590	.01590
2500.0							.00283	.00283
2502.0							.02172	.02172

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
2504.0							.00091	.00091
2506.0							.03989	.03989
2508.0							-.03049	-.03049
2510.0							-.05675	-.05675
2512.0							-.11163	-.11163
2514.0							.03494	.03494
2516.0							-.05651	-.05651
2518.0							.04803	.04803
2520.0							-.02079	-.02079
2522.0							.02064	.02064
2524.0							-.05142	-.05142
2526.0							.15220	.15220
2528.0							.03329	.03329
2530.0							-.07742	-.07742
2532.0							-.17507	-.17507
2534.0							.08910	.08910
2536.0							.09529	.09529
2538.0							-.03368	-.03368
2540.0							-.04344	-.04344
2542.0							.05253	.05253
2544.0							-.01573	-.01573
2546.0							-.00902	-.00902
2548.0							.01968	.01968
2550.0							-.03761	-.03761
2552.0							.00429	.00429

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
2554.0							.06043	.06043
2556.0							-.05178	-.05178
2558.0							.06262	.06262
2560.0							-.02272	-.02272
2562.0							.04305	.04305
2564.0							-.04208	-.04208
2566.0							-.03195	-.03195
2568.0							.03332	.03332
2570.0							-.03058	-.03058
2572.0							-.00416	-.00416
2574.0							-.08235	-.08235
2576.0							.04748	.04748
2578.0							.08666	.08666
2580.0							.01510	.01510
2582.0							.03635	.03635
2584.0							.02069	.02069
2586.0							-.01818	-.01818
2588.0							.07095	.07095
2590.0							-.06241	-.06241
2592.0							-.03368	-.03368
2594.0							.00693	.00693
2596.0							-.08831	-.08831
2598.0							.04072	.04072
2600.0							-.04348	-.04348

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
2602.0							.02223	.02223
2604.0							.00127	.00127
2606.0							-.02526	-.02526
2608.0							.10560	.10560
2610.0							.03812	.03812
2612.0							-.09226	-.09226
2614.0							-.02891	-.02891
2616.0							-.00692	-.00692
2618.0							.03744	.03744
2620.0							-.06013	-.06013
2622.0							.03509	.03509
2624.0							.04822	.04822
2626.0							.00723	.00723
2628.0							-.02365	-.02365
2630.0							.05777	.05777
2632.0							-.06313	-.06313
2634.0							-.00208	-.00208
2636.0							-.02754	-.02754
2638.0							.02773	.02773
2640.0							-.03483	-.03483
2642.0							.05481	.05481
2644.0							-.02559	-.02559
2646.0							.00538	.00538
2648.0							.01181	.01181
2650.0							.01798	.01798

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
2652.0							.01769	.01769
2654.0							-.05396	-.05396
2656.0							-.07964	-.07964
2658.0							.06004	.06004
2660.0							-.00616	-.00616
2662.0							-.03513	-.03513
2664.0							.04101	.04101
2666.0							.01095	.01095
2668.0							.04086	.04086
2670.0							-.02581	-.02581
2672.0							-.05319	-.05319
2674.0							.04017	.04017
2676.0							-.05249	-.05249
2678.0							.08515	.08515
2680.0							.00306	.00306
2682.0							-.07969	-.07969
2684.0							-.02114	-.02114
2686.0							.01090	.01090
2688.0							.01615	.01615
2690.0							.00261	.00261
2692.0							.04748	.04748
2694.0							-.04952	-.04952
2696.0							.04300	.04300
2698.0							.00607	.00607

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
2700.0							-.08785	-.08785
2702.0							.00491	.00491
2704.0							.01112	.01112
2706.0							.02141	.02141
2708.0							.06634	.06634
2710.0							.05217	.05217
2712.0							-.02335	-.02335
2714.0							-.06575	-.06575
2716.0							-.07563	-.07563
2718.0							.05061	.05061
2720.0							.03479	.03479
2722.0							.01995	.01995
2724.0							-.04467	-.04467
2726.0							-.02585	-.02585
2728.0							-.02996	-.02996
2730.0							.04569	.04569
2732.0							.04820	.04820
2734.0							-.02270	-.02270
2736.0							.02277	.02277
2738.0							.00952	.00952
2740.0							-.01269	-.01269
2742.0							-.01976	-.01976
2744.0							-.03952	-.03952
2745.0							.00456	.00456
2749							-.03097	-.03097

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
2750.0							.01347	.01347
2752.0							.04045	.04045
2754.0							.00871	.00871
2756.0							-.01565	-.01565
2758.0							-.00476	-.00476
2760.0							-.02195	-.02195
2762.0							-.00047	-.00047
2764.0							.03462	.03462
2766.0							-.03037	-.03037
2768.0							.04461	.04461
2770.0							-.07036	-.07036
2772.0							.09060	.09060
2774.0							-.03456	-.03456
2776.0							.02587	.02587
2778.0							.04749	.04749
2780.0							.03470	.03470
2782.0							-.02820	-.02820
2784.0							-.02396	-.02396
2786.0							-.05366	-.05366
2788.0							-.04136	-.04136
2790.0							.03031	.03031
2792.0							.02409	.02409
2794.0							-.03748	-.03748
2796.0							-.00065	-.00065

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
2798.0							.01696	.01696
2800.0							-.02407	-.02407
2802.0							-.02290	-.02290
2804.0							.05553	.05553
2806.0							.00522	.00522
2808.0							.03391	.03391
2810.0							.02541	.02541
2812.0							-.01589	-.01589
2814.0							.04359	.04359
2816.0							-.05442	-.05442
2818.0							.03547	.03547
2820.0							.01100	.01100
2822.0							-.05697	-.05697
2824.0							.01517	.01517
2826.0							-.00232	-.00232
2828.0							-.00411	-.00411
2830.0							-.10325	-.10325
2832.0							.01654	.01654
2834.0							.05820	.05820
2836.0							-.03896	-.03896
2838.0							.02201	.02201
2840.0							.00541	.00541
2842.0							-.04284	-.04284
2844.0							.03516	.03516
2846.0							-.08754	-.08754

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
2848.0							.06921	.06921
2850.0							-.05164	-.05164
2852.0							.09970	.09970
2854.0							-.02512	-.02512
2856.0							.05532	.05532
2858.0							.05850	.05850
2860.0							.09907	.09907
2862.0							-.08524	-.08524
2864.0							-.06923	-.06923
2866.0							-.00223	-.00223
2868.0							-.01951	-.01951
2870.0							-.05414	-.05414
2872.0							.03279	.03279
2874.0							-.05596	-.05596
2876.0							.04040	.04040
2878.0							-.02318	-.02318
2880.0							.00410	.00410
2882.0							-.03162	-.03162
2884.0							.10980	.10980
2886.0							-.01759	-.01759
2888.0							-.07300	-.07300
2890.0							.00491	.00491
2892.0							-.07242	-.07242
2894.0							.12680	.12680

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
2896.0							.00385	.00385
2898.0							.00497	.00497
2900.0							-.00979	-.00979
2902.0							-.04242	-.04242
2904.0							.02565	.02565
2906.0							-.01656	-.01656
2908.0							.02109	.02109
2910.0							-.01722	-.01722
2912.0							-.04260	-.04260
2914.0							.02538	.02538
2916.0							-.04093	-.04093
2918.0							.04105	.04105
2920.0							.02324	.02324
2922.0							.00120	.00120
2924.0							.00898	.00898
2926.0							-.06716	-.06716
2928.0							.04069	.04069
2930.0							.00088	.00088
2932.0							.08206	.08206
2934.0							-.02255	-.02255
2936.0							-.01200	-.01200
2938.0							-.02173	-.02173
2940.0							.05289	.05289
2942.0							-.02266	-.02266
2944.0							-.02355	-.02355

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
2946.0							-.03722	-.03722
2948.0							.03933	.03933
2950.0							-.03926	-.03926
2952.0							.07062	.07062
2954.0							-.01504	-.01504
2956.0							.03443	.03443
2958.0							-.00669	-.00669
2960.0							.00474	.00474
2962.0							-.10669	-.10669
2964.0							-.00187	-.00187
2966.0							.05863	.05863
2968.0							-.02358	-.02358
2970.0							.01030	.01030
2972.0							.03829	.03829
2974.0							-.00962	-.00962
2976.0							-.04548	-.04548
2978.0							.01490	.01490
2980.0							.00418	.00418
2982.0							-.02675	-.02675
2984.0							-.00200	-.00200
2986.0							-.05774	-.05774
2988.0							.05006	.05006
2990.0							.06729	.06729
2992.0							.00473	.00473

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
2994.0							.03237	.03237
2996.0							-.08089	-.08089
2998.0							.02949	.02949
3000.0							.02837	.02837
3002.0							.02221	.02221
3004.0							.03527	.03527
3006.0							-.08992	-.08992
3008.0							-.06580	-.06580
3010.0							.00196	.00196
3012.0							.00845	.00845
3014.0							.05718	.05718
3016.0							-.04571	-.04571
3018.0							-.01079	-.01079
3020.0							.05998	.05998
3022.0							-.03840	-.03840
3024.0							-.03906	-.03906
3026.0							-.03272	-.03272
3028.0							.03963	.03963
3030.0							.02389	.02389
3032.0							-.01466	-.01466
3034.0							.04527	.04527
3036.0							-.03628	-.03628
3038.0							-.02535	-.02535
3040.0							.06088	.06088
3042.0							.01939	.01939

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
3044.0							.00163	.00163
3046.0							-.03843	-.03843
3048.0							.03159	.03159
3050.0							.00001	.00001
3052.0							.00118	.00118
3054.0							.01570	.01570
3056.0							-.04971	-.04971
3058.0							.04897	.04897
3060.0							-.02530	-.02530
3062.0							-.00224	-.00224
3064.0							.07430	.07430
3066.0							-.07137	-.07137
3068.0							-.01586	-.01586
3070.0							.08388	.08388
3072.0							-.01112	-.01112
3074.0							.01386	.01386

PE601144

This is an enclosure indicator page.
The enclosure PE601144 is enclosed within the container PE907033 at this location in this document.

The enclosure PE601144 has the following characteristics:

ITEM_BARCODE	= PE601144
CONTAINER_BARCODE	= PE907033
NAME	= Seismic Calibration Log
BASIN	= GIPPSLAND
PERMIT	=
TYPE	= WELL
SUBTYPE	= VELOCITY_CHART
DESCRIPTION	= Seismic Calibration Log (enclosure from Gegram Processing Report) for Snapper-5
REMARKS	=
DATE_CREATED	= 16/08/85
DATE_RECEIVED	= 1/05/86
W_NO	= W912
WELL_NAME	= Snapper-5
CONTRACTOR	= Schlumberger
CLIENT_OP_CO	= ESSO

(Inserted by DNRE - Vic Govt Mines Dept)

PE902390

This is an enclosure indicator page.
The enclosure PE902390 is enclosed within the container PE907033 at this location in this document.

The enclosure PE902390 has the following characteristics:

ITEM_BARCODE	= PE902390
CONTAINER_BARCODE	= PE907033
NAME	= Raw and Stacked Shots - Velocity check shot survey
BASIN	= GIPPSLAND
PERMIT	=
TYPE	= WELL
SUBTYPE	= VELOCITY_CHART
DESCRIPTION	= Raw and Stacked Shots - Velocity check shot survey (enclosure from Geogram Processing Report) for Snapper-5
REMARKS	=
DATE_CREATED	= 16/08/85
DATE_RECEIVED	= 1/05/86
W_NO	= W912
WELL_NAME	= Snapper-5
CONTRACTOR	= Schlumberger
CLIENT_OP_CO	= ESSO

(Inserted by DNRE - Vic Govt Mines Dept)

PE902391

This is an enclosure indicator page.
The enclosure PE902391 is enclosed within the container PE907033 at this location in this document.

The enclosure PE902391 has the following characteristics:

ITEM_BARCODE	= PE902391
CONTAINER_BARCODE	= PE907033
NAME	= Geogram Synthetic Seismogram
BASIN	= GIPPSLAND
PERMIT	=
TYPE	= WELL
SUBTYPE	= SYNTH_SEISMOGRAM
DESCRIPTION	= Geogram Synthetic Seismogram (enclosure form Geogram Processing Report) for Snapper-5
REMARKS	=
DATE_CREATED	= 23/08/85
DATE_RECEIVED	= 1/05/86
W_NO	= W912
WELL_NAME	= Snapper-5
CONTRACTOR	= Schlumberger
CLIENT_OP_CO	= ESSO

(Inserted by DNRE - Vic Govt Mines Dept)

PE907034

This is an enclosure indicator page.
The enclosure PE907034 is enclosed within the container PE907033 at this location in this document.

The enclosure PE907034 has the following characteristics:

ITEM_BARCODE	= PE907034
CONTAINER_BARCODE	= PE907033
NAME	= Seismic Calibration Log
BASIN	= GIPPSLAND
PERMIT	= VIC/L10
TYPE	= WELL
SUBTYPE	= VELOCITY_CHART
DESCRIPTION	= Seismic Calibration Log (adjusted Continuous Velocity Log) for Snapper-5
REMARKS	=
DATE_CREATED	= 23/08/85
DATE_RECEIVED	= 21/10/85
W_NO	= W912
WELL_NAME	= SNAPPER-5
CONTRACTOR	= SCHLUMBERGER
CLIENT_OP_CO	= ESSO AUSTRALIA LTD

(Inserted by DNRE - Vic Govt Mines Dept)