Schlumberger

ESSO AUSTRALIA LTD.

GEOGRAM PROCESSING REPORT

DRUMMER #1

FIELD : WILDCAT

COUNTRY : AUSTRALIA

COORDINATES : 38° 28' 33.99" S
: 148° 14' 58.34" E

STATE : VICTORIA

DATE OF SURVEY : 13-OCTOBER-1985

REFERENCE NO. : 540418

CONTENTS

1.0 INTRODUCTION

A velocity check shot survey was conducted in the Drummer #1 well on 13-October-1985. Twelve levels from 300 metres to 2568 metres below DF were shot using an airgun source. Eleven 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 Parameters

Elevation SRD	Mean Sea Level
Elevation KB	21.0 metres AMSL
Elevation DF	20.7 metres AMSL
Elevation GL	-74.0 metres AMSL
No. of Levels	12
Well Deviation	Nil
Total Depth	2570 metres below DF
Energy Source	Bolt airgun, 200 cu.in.
Source Offset	41 metres
Source Depth	9 metres below MSL
Source Azimuth	50°
Reference Sensor	Accelerometer
Sensor Offset	41 metres
Sensor Depth	9 metres below MSL
Sensor Azimuth	50°
Downhole Geophone (WST Tool)	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 Computerised Service Unit (CSU) using LIS format.

2.1 Survey Details

The survey was shot as a standard offshore velocity survey. A moonpool hydrophone was positioned close to the wellhead and has been used to calculate the gun offset position. No major problems were noted during the survey.

3.0 CHECK SHOT DATA

A total of 12 check levels were shot during the survey.

The level at 515 metres below DF was shot both going into and coming out of the well. The transit times from both sets of data are similar. The bottom level at 2568 metres is noisy and has been omitted from the sonic calibration. The general data quality is good.

Table 2

Level Depth (m below DF)	Stacked Shots	Rejected Shots	Quality	Comments
94.7	-	-	-	Imposed shot - sea floor
240	-	-	-	Imposed shot - top of sonic
300	4	0	Good	
515	6	1	Good	Shot going in
	11	9	Good	
820	4	1	Good	
1065	3	0	Good	
1327	3	0	Good	
1500	4	2	Good	
1800	3	1	Good	
2125	3	1	Good	
2324	3	1	Good	
2433	4	1	Good	
2560	6	0	Good	
2568	7	7	Good	Omitted

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 $\mu sec/m$.
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.

Density log data was available only over three small intervals. The data quality was good over the logged intervals and no patching of the data was nessecary. The intermediate sections of the log have been spliced by linearly interpolating the density values from the end of a section to the beginning of the next.

The sonic log has been patched over zones of cycle skipping.

Density log interval	:	942 to 995 metres below DF
	:	1305 to 1348 metres below DF
	:	2346 to 2568 metres below DF
Sonic log interval	:	240 to 2568 metres below DF

5.2 Source Offset

The source offset was calculated by recording the transit time from the gun to a hydrophone positioned in the moonpool, 2.2 metres from the wellhead. A moonpool hydrophone transit time of 26 millisecs was measured. Using this time and a water velocity of 1480 metres/sec an offset of 39 metres was calculated between gun and moonpool hydrophone. Hence the offset of the gun from the wellhead was calculated as $39 + 2.2 = 41.2$ metres.

5.3 Correction to Datum

Seismic Reference Datum (SRD) is at Mean Sea Level. The airgun was positioned 9 metres below MSL. Using a water velocity of 1480 metres/sec a correction of 6.08 millisecs has been applied vertically between gun and datum.

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 94.7 metres below DF, water velocity 1480metres/sec
2. Top sonic : depth 240.0 metres below DF. 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

Seabed _____ 94.7 / 74 metres

2083 metres/sec

Top of sonic _____ 240.0 / 219.3 metres

5.5 Sonic Calibration Results

The top of the sonic log (240.0 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 $\mu sec/m$
240-1328	6.66	-	6.66
1328-1742	10.99	-	10.99
1742-2122	9.74	-	9.74
2122-2568	7.85	-	7.85

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:

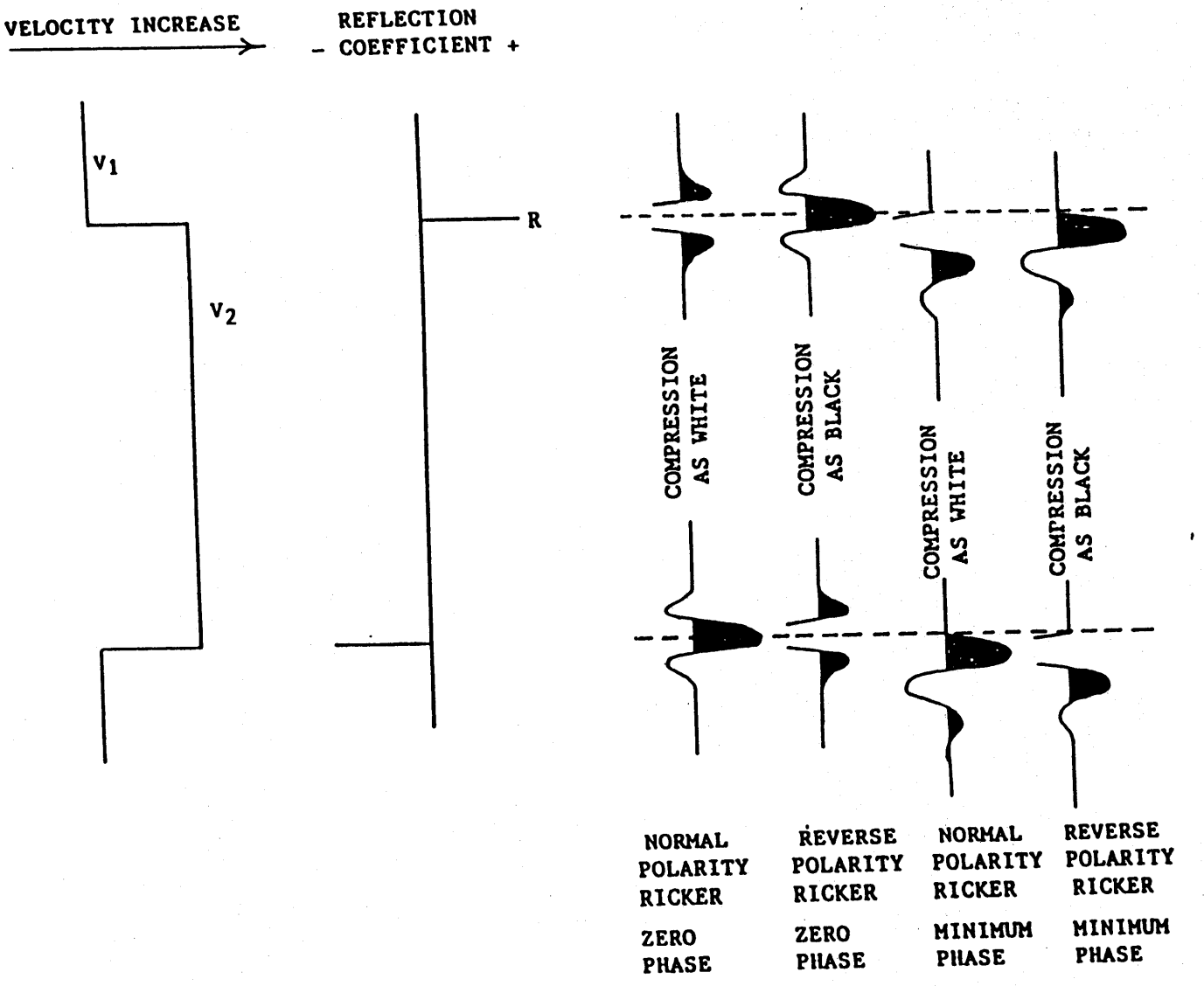
Klauder wavelet
Ricker zero phase wavelet
Ricker minimum phase wavelet
User defined wavelet.

All wavelets can be chosen with or without butterworth filtering and with user defined centre frequencies. Polarity conventions are shown in Figure 1. These Geograms were generated using zero and minimum phase ricker wavelets.

6.7 Convolution

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

SCHLUMBERGER WAVELET POLARITY CONVENTION



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

FIGURE 1

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WELL SEISMIC SERVICE COMPUTATION REQUEST

COMPANY: ESSO CONTACT: D. LEE

WELL: DRUMMER #1

FIELD/COUNTRY: GIPPSLAND BASIN/VICTORIA
LOCATION/DIVISION: VEA/ANZ
DATE WST JOB: 13 - 10 - 85
DATE SENT: 16 - 10 - 85
BY: DAWSON/BARADJA

NUMBER OF COPIES OF RESULTS (CLIENT)

PRODUCT	REPORTS	PLOT TRANSP.	PLOT PRINT	TAPE
WSE	6	1	6	#1 X1
WSC	6	1	6	#2 X1
GEO				
VSP				

DATA SUPPLIED FOR INTERVALS TO BE PROCESSED

	FROM	TO
A. LOGS : DENSITY	2570	
SONIC	2570	200
B. SHOTS	2560	300

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 ☐

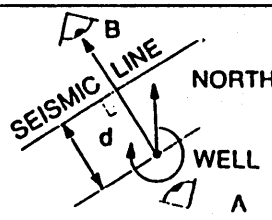
FREQUENCY TEST TO BE SUPPLIED BEFORE FINALIZATION (8 BAND WIDTHS) YES ☐ NO ☒
FINAL GEOGRAM PARAMETERS : –
(ONE GEOGRAM INCLUDES DISPLAYS IN BOTH POLARITIES FOR EACH OF, PRIMARIES, PRIMARIES + MULTIPLES, PRIMARIES WITH TRANSMISSION LOSS, MULTIPLES ONLY FOR THE CHOSEN WAVELET AND T.V.F.)

WAVELET	FREQ.
KLAUDER ☐	
MIN PHASE ☐	20,25
ZERO PHASE ☐	30,35
OTHER: ☐	

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

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

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	DRUMMER	13/10/85	VEA	D. DAWSON	D. LEE

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

SCHLUMBERGER ZERO: DF — AT ELEVATION: 20.7M — RELATIVE TO S.R.D.:
LOG MEASURED FROM: DF — AT ELEVATION — RELATIVE TO SCHLUMBERGER ZERO:
DRILLING MEASURED FROM: DF — AT ELEVATION — RELATIVE TO SCHLUMBERGER ZERO

SOURCE

GUN TYPE WATER ☐ AIR ☒
VOLUME_____ x _____ CU INCHES
PRESSURE_____ BARS WAVESHAPING KIT ☐
VIBRATOR TYPE _____
SWEEP LENGTH _____ SECONDS
FROM _____ HZ TO _____ HZ

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

CSU SOFTWARE VERSION | 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

	DEPTH	STACK / SHOT No.	FILTERS	TRANSIT TIME	HOUR	FILE	STACKED SHOTS	QUALITY/REMARKS
	9.1	1		27		2	2,3,4,	
	515	-		-			5,7,8	
	515	2		234.8			9,10,11	
	RUN TO TD AND CORRELATE							
	2568	-		-		4	-	NOISY, NOT STACKED
	2560	1		896.4		4	13,14,15	
	2560	2		899.5		4	16,17,18	
	2433	3		865.4		4	21,22,23	
	2324	4		830.4		4	25,26,27	
	2125	5		763.0		4	28,29,31	
	1800	6		656.7		4	33,34,35	
	1500	7		556.6		4	39,40,41	
	1327	8		504.7		4	42,43,45	
	1065	9		424.3		4	45,46,47	
	820	10		342.4		4	48,50,52	
	515	-		-		4	-	SHOTS 53 - 66 NOISY
	515	11		233.8		4	67,68,69	
	300	12		149.0		4	71,72,73	

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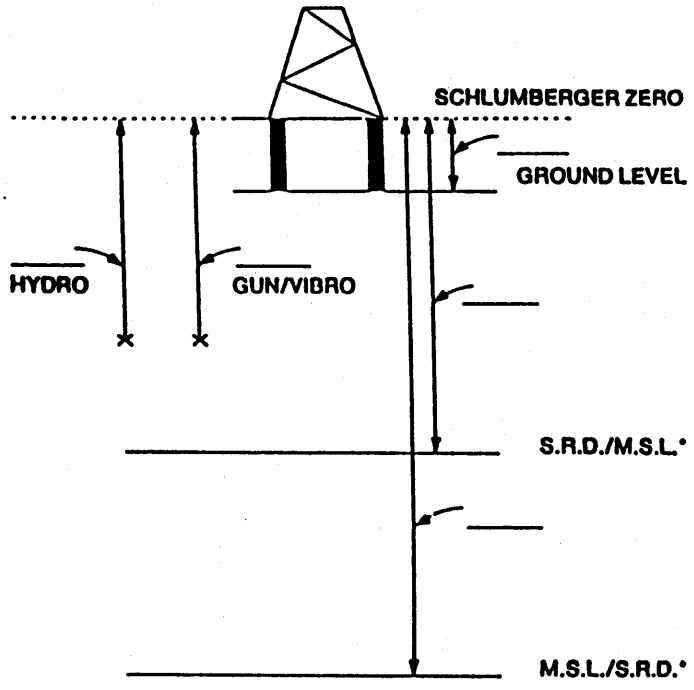
GUN GEOMETRY SKETCH

CLIENT: ESSO AUSTRALIA LTD. WELL: DRUMMER #1 DATE: 13/10/85

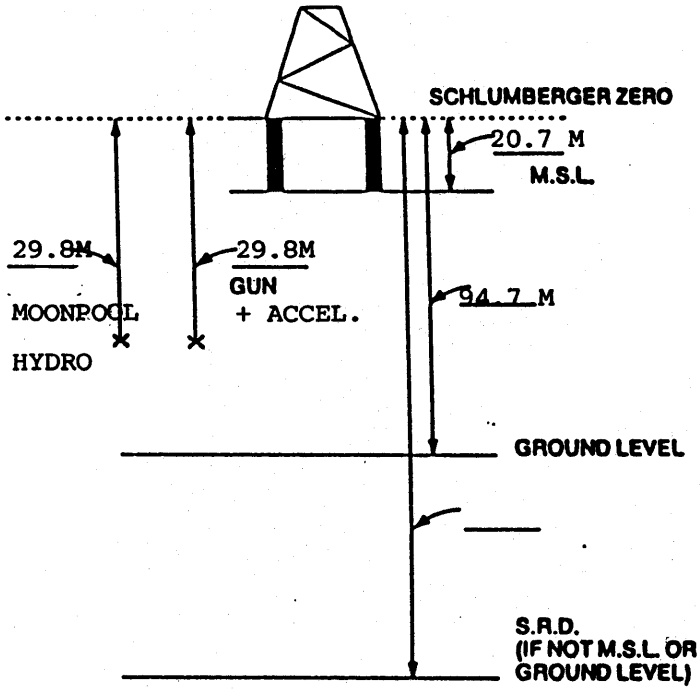
LAND ☐



INDICATE ALL DISTANCES RELATIVE TO SCHLUMBERGER ZERO

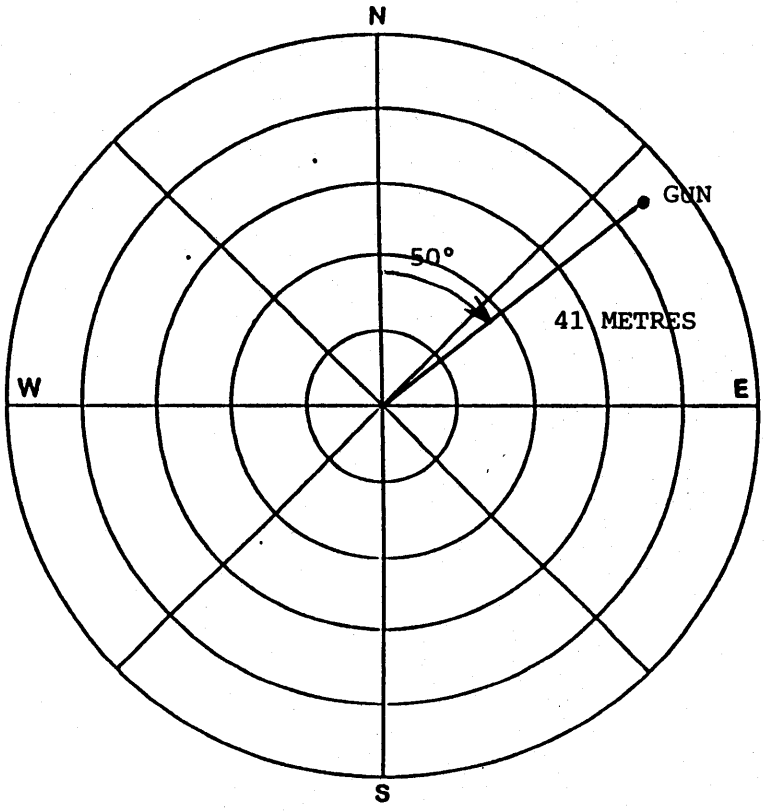
* DELETE AS APPLICABLE

OFFSHORE X



INDICATE ALL DISTANCES RELATIVE TO SCHLUMBERGER ZERO

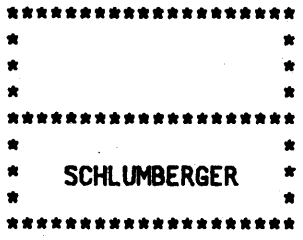
SHOT POS'N	GUN OFFSET	ACCEL OFFSET	GUN DEPTH	ACCEL DEPTH
1	41M	9 M	41M	9 M
2				
3				
4				
5				
6				
7				



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

SHOTS

ANALYST: M. SANDERS 16-DEC-86 10:02:34 PROGRAM: GSHOT 007.E07



GEOPHYSICAL AIRGUN REPORT

COMPANY : ESSO AUSTRALIA LTD.

WELL : DRUMMER #1.

FIELD : WILDCAT.

COUNTY : SUITE 2 RUN 2

STATE : VICTORIA.

COUNTRY : AUSTRALIA

REFERENCE: 640,419

LONG DEFINITIONS

GLOBAL

3 - 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
Elevation of Kelly Bushi	E DF	: 20.7000	M
ELEV OF GL AB. SRD(WST)	GL	: -74.0000	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	31.41	26.35	-9.00	31.41	26.35

	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	94.70	94.70	74.00	0	0
2	240.00	240.00	219.30	0	0
3	300.00	300.00	279.30	0	0
4	515.00	515.00	494.30	0	0
5	820.00	820.00	799.30	0	0
6	1065.00	1065.00	1044.30	0	0
7	1327.00	1327.00	1306.30	0	0
8	1500.00	1500.00	1479.30	0	0
9	1800.00	1800.00	1779.30	0	0
10	2125.00	2125.00	2104.30	0	0
11	2324.00	2324.00	2303.30	0	0
12	2433.00	2433.00	2412.30	0	0
13	2560.00	2560.00	2539.30	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	94.70	74.00	0	51.90	43.90	49.98	1480			
								145.30	69.76	2083
2	240.00	219.30	145.30	115.80	113.66	119.74	1831			
								60.00	28.71	2090
3	300.00	279.30	205.30	144.00	142.37	148.46	1881			
								215.00	89.80	2394
4	515.00	494.30	420.30	233.00	232.17	238.25	2075			
								305.00	108.37	2814
5	820.00	799.30	725.30	341.00	340.54	346.62	2306			
								245.00	81.13	3020
6	1065.00	1044.30	970.30	422.00	421.67	427.75	2441			
								262.00	81.08	3231
7	1327.00	1306.30	1232.30	503.00	502.75	508.83	2567			
								173.00	52.04	3325
8	1500.00	1479.30	1405.30	555.00	554.78	560.87	2638			
								300.00	100.04	2999
9	1800.00	1779.30	1705.30	655.00	654.82	660.91	2692			
								325.00	105.03	3094
10	2125.00	2104.30	2030.30	760.00	759.85	765.94	2747			
								199.00	68.01	2926
11	2324.00	2303.30	2229.30	828.00	827.87	833.95	2762			
								109.00	36.01	3027
12	2433.00	2412.30	2338.30	864.00	863.87	869.96	2773			
								127.00	33.01	3848
13	2560.00	2539.30	2465.30	897.00	896.88	902.96	2812			

DRIFT

ANALYST: M. SANDERS 16-DEC-86 10:14:09 PROGRAM: GDRIFT 007.E09

DRIFT COMPUTATION REPORT

COMPANY : ESSO AUSTRALIA LTD.

WELL : DRUMMER #1.

FIELD : WILDCAT.

COUNTY : SUITE 2 RUN 2

STATE : VICTORIA.

COUNTRY : AUSTRALIA

REFERENCE: 640,419

LONG DEFINITIONS

GLOBAL

B - 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

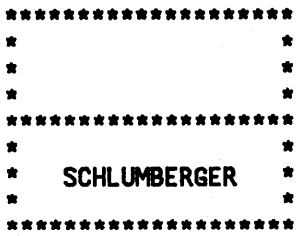
SHOT - Shot number
DKB - MEASURED DEPTH FROM KELLY-BUSHING
DSRD - Depth from SRD
DGL - VERTICAL DEPTH RELATIVE TO GROUND LEVEL (USER'S REFERENCE)
SHTM - Shot time (WST)
RAWS - Raw Sonic (WST)
SHDR - DRIFT AT SHOT OR KNEE
BLSH - BLOCK SHIFT BETWEEN SHOTS OR KNEE

(GLOBAL PARAMETERS)		(VALUE)		
ELEV OF DFAB. MSL (WST)	DF	: 20.7000	M	
ELEV OF SRD AB. MSL(WST)	SRD	: 0	M	
Elevation of Kelly Bushi	EDF	: 20.7000	M	
ELEV OF GL AB. SRD(WST)	GL	: -74.0000	M	
TOP OF ZONE PROCD (WST)	XSTART	: 0	M	
BOT OF ZONE PROCD (WST)	XSTOP	: 0	M	
RAW SONIC CH NAME (WST)	GAD001	: DT.WST.003.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
1	94.70	74.00	0	49.98	49.98	0	0
2	240.00	219.30	145.30	119.74	119.74	0	0
3	300.00	279.30	205.30	148.45	147.94	.51	8.56
4	515.00	494.30	420.30	238.25	236.29	1.96	6.74
5	820.00	799.30	725.30	346.62	342.45	4.17	7.25
6	1065.00	1044.30	970.30	427.75	422.48	5.27	4.46
7	1327.00	1306.30	1232.30	508.83	501.58	7.25	7.55
8	1500.00	1479.30	1405.30	560.87	551.73	9.14	10.93
9	1800.00	1779.30	1705.30	660.91	648.45	12.46	11.07
10	2125.00	2104.30	2030.30	765.94	750.41	15.53	9.44
11	2324.00	2303.30	2229.30	833.95	817.07	16.88	6.81
12	2433.00	2412.30	2338.30	869.96	851.06	18.89	18.45
13	2560.00	2539.30	2465.30	902.96	884.91	18.06	-6.57
14	2567.94	2547.24	2473.24	905.13	887.07	18.06	0

ANALYST: M. SANDERS 16-DEC-86 11:03:31 PROGRAM: GADJST 008.E07



SONIC ADJUSTMENT PARAMETER REPORT

COMPANY : ESSO AUSTRALIA LTD.

WELL : DRUMMER #1.

FIELD : WILDCAT.

COUNTY : SUITE 2 RUN 2

STATE : VICTORIA.

COUNTRY : AUSTRALIA

REFERENCE: 640,419

LONG DEFINITIONS

GLOBAL
SRCDRF - ORIGIN OF ADJUSTMENT DATA
CONADJ - CONSTANT ADJUSTMENT TO AUTOMATIC DELTA-T MINIMUM = 7.6 US/F
UNERTH - UNIFORM EARTH VELOCITY (GTRFRM)

ZONE
ZDRIFT - USER DRIFT AT BOTTOM OF THE ZONE
ADJOPZ - TYPE OF ADJUSTMNENT IN THE DRIFT ZONE : Ø=DELTA-T MIN, 1=BLOCKSHIFT
ADJUSZ - DELTA-T MINIMUM USED FOR ADJUSTMENT IN THE DRIFT ZONE
LOFVEL - LAYER OPTION FLAG FOR VELOCITY: -1=NONE; Ø=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.ØØØØØ	
CONS SONIC ADJST (WST)	CONADJ	: 24.6Ø63	US/M
UNIFORM EARTH VELOCITY	UNERTH	: 2133.6Ø	M/S

(ZONED PARAMETERS)		(VALUE)		(LIMITS)	
USER DRIFT ZONE (WST)	ZDRIFT	: 19.ØØØØØ	MS	2568.ØØ	- 2122.ØØ
		16.5ØØØØ		2122.ØØ	1742.ØØ
		11.8ØØØØ		1742.ØØ	1328.ØØ
		7.25ØØØØ		1328.ØØ	24Ø.ØØØ
		Ø		24Ø.ØØØ	Ø
ADJUSMNT MODE (WST)	ADJOPZ	:-999.25ØØ		3Ø479.7	- Ø
USER DELTA-T MIN (WST)	ADJUSZ	:-999.25ØØ	US/M	3Ø479.7	- Ø
LAYER OPTION FLAG VELOC	LOFVEL	: 1.ØØØØØØ		3Ø479.7	- Ø
USER VELOC (WST)	LAYVEL	: 2Ø83.ØØØ	M/S	24Ø.ØØØ	- 94.7ØØØ
		148Ø.ØØØ		94.7ØØØ	Ø

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
					Ø			Ø
2	240.ØØ	219.3Ø	145.3Ø	Ø	6.66			6.66
3	1328.ØØ	1307.3Ø	1233.3Ø	7.25	1Ø.99			1Ø.99
4	1742.ØØ	1721.3Ø	1647.3Ø	11.8Ø	9.74			9.74
5	2122.ØØ	2101.3Ø	2027.3Ø	15.6Ø	7.85			7.85
6	2568.ØØ	2547.3Ø	2473.3Ø	19.ØØ				

LONG DEFINITIONS

GLOBAL

DF - ELEVATION OF THE KELLY-BUSHING ABOVE MSL OR MWL
SRD - ELEVATION OF THE SEISMIC REFERENCE DATUM ABOVE MSL OR MWL
EKB - Elevation of Kelly Bushing
GL - ELEVATION OF USER'S REFERENCE (GENERALLY GROUND LEVEL) ABOVE SRD
UNERTH - UNIFORM EARTH VELOCITY (GTRFRM)

ZONE

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

SAMPLED

SHOT - Shot number
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 DFAB. MSL (WST)	DF	: 20.7000	M
ELEV OF SRD AB. MSL(WST)	SRD	: 0	M
Elevation of Kelly Bushi	EDF	: 20.7000	M
ELEV OF GL AB. SRD(WST)	GL	: -74.0000	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	: 2083.000	M/S	240.000 -	94.7000
		1480.000		94.7000	0

ANALYST: M. SANDERS 16-DEC-86 11:03:42 PROGRAM: GADJST 008.E07

VELOCITY REPORT

COMPANY : ESSO AUSTRALIA LTD.

WELL : DRUMMER #1.

FIELD : WILDCAT.

COUNTY : SUITE 2 RUN 2

STATE : VICTORIA.

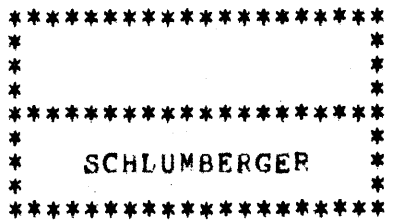
COUNTRY : AUSTRALIA

REFERENCE: 640,419

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
								1481
1	94.70	74.00	0	49.98	49.98	0	0	
								2083
2	240.00	219.30	145.30	119.74	119.74	0	0	
								2098
3	300.00	279.30	205.30	148.45	148.34	.51	.11	
								2395
4	515.00	494.30	420.30	238.25	238.12	1.96	.13	
								2819
5	820.00	799.30	725.30	346.62	346.31	4.17	.31	
								3000
6	1065.00	1044.30	970.30	427.75	427.98	5.27	-.23	
								3241
7	1327.00	1306.30	1232.30	508.83	508.82	7.25	.01	
								3324
8	1500.00	1479.30	1405.30	560.87	560.86	9.14	0	
								3002
9	1800.00	1779.30	1705.30	660.91	660.81	12.46	.10	
								3092
10	2125.00	2104.30	2030.30	765.94	765.93	15.53	.01	
								2917
11	2324.00	2303.30	2229.30	833.95	834.15	16.88	-.20	
								3128
12	2433.00	2412.30	2338.30	869.96	869.00	18.89	.96	
								3645
13	2560.00	2539.30	2465.30	902.96	903.84	18.06	-.87	
								3671
14	2567.94	2547.24	2473.24	905.13	906.06	18.06	-.93	

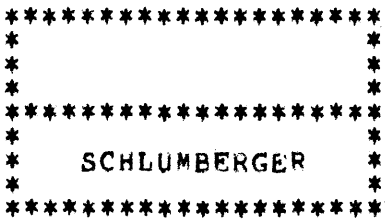
TIME/DEPTH

ANALYST: M. SANDERS 16-DEC-85 13:53:21 PROGRAM: GTRFRM 007.E08



TIME CONVERTED VELOCITY REPORT

COMPANY : ESSO AUSTRALIA LTD.
WELL : DRUMMER #1.
FIELD : WILDCAT.
COUNTY : SUITE 2 RUN 2
STATE : VICTORIA.
COUNTRY : AUSTRALIA
REFERENCE: 540,419



TIME CONVERTED VELOCITY REPORT

COMPANY : ESSO AUSTRALIA LTD.
WELL : DRUMMER #1.
FIELD : WILDCAT.
COUNTY : SUITE 2 RUN 2
STATE : VICTORIA.
COUNTRY : AUSTRALIA
REFERENCE: 540,419

LONG DEFINITIONS

GLOBAL

KB - ELEVATION OF THE KELLY-BUSHING ABOVE MSL OR MWL
SRD - ELEVATION OF THE SEISMIC REFERENCE DATUM ABOVE MSL OR MWL
GL - ELEVATION OF USER'S REFERENCE (GENERALLY GROUND LEVEL) ABOVE SRD
UNERTH - UNIFORM EARTH VELOCITY (GTRFRM)
UNFDEN - UNIFORM DENSITY VALUE

MATRIX

MVODIS - MOVE-OUT DISTANCE FROM BOREHOLE

ZONE

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

SAMPLED

TWOT - TWO WAY TRAVEL TIME (RELATIVE TO THE SEISMIC REFERENCE
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	: -74.0000	M
UNIFORM EARTH VELOCITY	UNERTH	: 2133.60	M/S
UNIFORM DENSITY VALUE	UNFDEN	: 2.30000	G/C3

(MATRIX PARAMETERS)

	MVOUT DIST M
1	1000.0
2	1500.0
3	2000.0

(ZONED PARAMETERS)		(VALUE)		(LIMITS)		
LAYER OPTION FLAG VELOC	LOFVEL	: 1.000000		30479.7	=	0
USER VELOC (WST)	LAYVEL	: 2083.000	M/S	240.000	=	94.7000
		1480.000		94.7000		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	673.68	1011.52	1349.35	1480
4.00	23.66	2.96	1480	1480	671.69	1009.52	1347.36	1480
6.00	25.14	4.44	1480	1480	669.70	1007.53	1345.36	1480
8.00	26.62	5.92	1480	1480	667.72	1005.55	1343.38	1480
10.00	28.10	7.40	1480	1480	665.75	1003.56	1341.39	1480
12.00	29.58	8.88	1480	1480	663.78	1001.58	1339.40	1480
14.00	31.06	10.36	1480	1480	661.82	999.61	1337.42	1480
16.00	32.54	11.84	1480	1480	659.87	997.64	1335.45	1480
18.00	34.02	13.32	1480	1480	657.92	995.67	1333.47	1480
20.00	35.50	14.80	1480	1480	655.97	993.71	1331.50	1480
22.00	36.98	16.28	1480	1480	654.03	991.75	1329.53	1480
24.00	38.46	17.76	1480	1480	652.10	989.80	1327.56	1480
26.00	39.94	19.24	1480	1480	650.18	987.85	1325.60	1480
28.00	41.42	20.72	1480	1480	648.26	985.90	1323.64	1480
30.00	42.90	22.20	1480	1480	646.34	983.96	1321.68	1480
32.00	44.38	23.68	1480	1480	644.43	982.02	1319.73	1480
34.00	45.86	25.16	1480	1480	642.53	980.08	1317.78	1480
36.00	47.34	26.64	1480	1480	640.63	978.15	1315.83	1480
38.00	48.82	28.12	1480	1480	638.74	976.23	1313.89	1480
40.00	50.30	29.60	1480	1480	636.86	974.30	1311.94	1480
42.00	51.78	31.08	1480	1480	634.98	972.38	1310.00	1480
44.00	53.26	32.56	1480	1480	633.11	970.47	1308.07	1480
46.00	54.74	34.04	1480	1480	631.24	968.56	1306.13	

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	629.38	966.65	1304.20	1480
50.00	57.70	37.00	1480	1480	627.52	964.75	1302.28	1480
52.00	59.18	38.48	1480	1480	625.67	962.85	1300.35	1480
54.00	60.66	39.96	1480	1480	623.83	960.95	1298.43	1480
56.00	62.14	41.44	1480	1480	621.99	959.06	1296.51	1480
58.00	63.62	42.92	1480	1480	620.16	957.17	1294.60	1480
60.00	65.10	44.40	1480	1480	618.33	955.29	1292.68	1480
62.00	66.58	45.88	1480	1480	616.51	953.41	1290.77	1480
64.00	68.06	47.36	1480	1480	614.70	951.53	1288.87	1480
66.00	69.54	48.84	1480	1480	612.89	949.66	1286.96	1480
68.00	71.02	50.32	1480	1480	611.09	947.79	1285.06	1480
70.00	72.50	51.80	1480	1480	609.29	945.93	1283.16	1480
72.00	73.98	53.28	1480	1480	607.50	944.07	1281.27	1480
74.00	75.46	54.76	1480	1480	605.72	942.21	1279.38	1480
76.00	76.94	56.24	1480	1480	603.94	940.36	1277.49	1480
78.00	78.42	57.72	1480	1480	602.16	938.51	1275.60	1480
80.00	79.90	59.20	1480	1480	600.40	936.67	1273.72	1480
82.00	81.38	60.68	1480	1480	598.63	934.83	1271.84	1480
84.00	82.86	62.16	1480	1480	596.88	932.99	1269.96	1480
86.00	84.34	63.64	1480	1480	595.13	931.16	1268.08	1480
88.00	85.82	65.12	1480	1480	593.38	929.33	1266.21	1480
90.00	87.30	66.60	1480	1480	591.64	927.50	1264.34	1480
92.00	88.78	68.08	1480	1480	589.91	925.68	1262.48	1480
94.00	90.26	69.56	1480	1480	588.18	923.86	1260.62	

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
96.00	91.74	71.04	1480	1480	586.46	922.05	1258.76	
								1480
98.00	93.22	72.52	1480	1480	584.75	920.24	1256.90	
								1515
100.00	94.74	74.04	1481	1481	582.72	917.95	1254.40	
								2083
102.00	96.82	76.12	1493	1495	574.70	906.62	1239.81	
								2083
104.00	98.90	78.20	1504	1508	567.10	895.91	1226.06	
								2083
106.00	100.98	80.28	1515	1521	559.88	885.77	1213.05	
								2083
108.00	103.07	82.37	1525	1533	553.01	876.14	1200.73	
								2083
110.00	105.15	84.45	1535	1545	546.46	866.98	1189.03	
								2083
112.00	107.23	86.53	1545	1556	540.20	858.25	1177.89	
								2083
114.00	109.31	88.61	1555	1567	534.20	849.91	1167.28	
								2083
116.00	111.40	90.70	1564	1577	528.45	841.94	1157.15	
								2083
118.00	113.48	92.78	1573	1587	522.93	834.29	1147.45	
								2083
120.00	115.56	94.86	1581	1597	517.61	826.96	1138.17	
								2083
122.00	117.65	96.95	1589	1606	512.49	819.91	1129.26	
								2083
124.00	119.73	99.03	1597	1615	507.55	813.12	1120.70	
								2083
126.00	121.81	101.11	1605	1623	502.77	806.58	1112.46	
								2083
128.00	123.89	103.19	1612	1632	498.15	800.26	1104.53	
								2083
130.00	125.98	105.28	1620	1639	493.68	794.17	1096.88	
								2083
132.00	128.06	107.36	1627	1647	489.35	788.27	1089.49	
								2083
134.00	130.14	109.44	1633	1654	485.14	782.55	1082.34	
								2083
136.00	132.22	111.52	1640	1661	481.06	777.01	1075.43	
								2083
138.00	134.31	113.61	1646	1668	477.09	771.64	1068.73	
								2083
140.00	136.39	115.69	1653	1675	473.23	766.42	1062.24	
								2083
142.00	138.47	117.77	1659	1681	469.46	761.35	1055.94	

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
								2083
144.00	140.56	119.86	1665	1688	465.80	756.42	1049.82	2083
146.00	142.64	121.94	1670	1694	462.22	751.62	1043.87	2083
148.00	144.72	124.02	1676	1700	458.74	746.93	1038.09	2083
150.00	146.80	126.10	1681	1705	455.33	742.37	1032.45	2083
152.00	148.89	128.19	1687	1711	452.00	737.92	1026.96	2083
154.00	150.97	130.27	1692	1716	448.74	733.57	1021.61	2083
156.00	153.05	132.35	1697	1721	445.56	729.32	1016.38	2083
158.00	155.14	134.44	1702	1726	442.44	725.17	1011.28	2083
160.00	157.22	136.52	1706	1731	439.39	721.10	1006.30	2083
162.00	159.30	138.60	1711	1736	436.39	717.13	1001.43	2083
164.00	161.38	140.68	1716	1741	433.46	713.23	996.67	2083
166.00	163.47	142.77	1720	1745	430.58	709.42	992.00	2083
168.00	165.55	144.85	1724	1750	427.76	705.68	987.44	2083
170.00	167.63	146.93	1729	1754	424.99	702.01	982.97	2083
172.00	169.71	149.01	1733	1758	422.26	698.40	978.58	2083
174.00	171.80	151.10	1737	1762	419.59	694.87	974.29	2083
176.00	173.88	153.18	1741	1766	416.96	691.40	970.07	2083
178.00	175.96	155.26	1745	1770	414.37	687.99	965.93	2083
180.00	178.05	157.35	1748	1774	411.83	684.63	961.86	2083
182.00	180.13	159.43	1752	1777	409.33	681.34	957.87	2083
184.00	182.21	161.51	1756	1781	406.87	678.09	953.95	2083
186.00	184.29	163.59	1759	1785	404.44	674.90	950.09	2083
188.00	186.38	165.68	1763	1788	402.05	671.76	946.29	2083
190.00	188.46	167.76	1766	1791	399.70	668.67	942.56	

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
								2083
192.00	190.54	169.84	1769	1795	397.39	665.62	938.89	2083
194.00	192.62	171.92	1772	1798	395.10	662.62	935.27	2083
196.00	194.71	174.01	1776	1801	392.85	659.66	931.71	2083
198.00	196.79	176.09	1779	1804	390.63	656.74	928.20	2083
200.00	198.87	178.17	1782	1807	388.44	653.87	924.74	2083
202.00	200.96	180.26	1785	1810	386.28	651.03	921.33	2083
204.00	203.04	182.34	1788	1813	384.15	648.23	917.97	2083
206.00	205.12	184.42	1790	1816	382.04	645.46	914.65	2083
208.00	207.20	186.50	1793	1818	379.96	642.74	911.38	2083
210.00	209.29	188.59	1796	1821	377.91	640.04	908.16	2083
212.00	211.37	190.67	1799	1824	375.89	637.38	904.97	2083
214.00	213.45	192.75	1801	1826	373.89	634.75	901.82	2083
216.00	215.54	194.84	1804	1829	371.91	632.16	898.72	2083
218.00	217.62	196.92	1807	1831	369.96	629.59	895.65	2083
220.00	219.70	199.00	1809	1834	368.03	627.06	892.62	2083
222.00	221.78	201.08	1812	1836	366.12	624.55	889.62	2083
224.00	223.87	203.17	1814	1839	364.24	622.07	886.66	2083
226.00	225.95	205.25	1816	1841	362.37	619.62	883.73	2083
228.00	228.03	207.33	1819	1843	360.53	617.19	880.84	2083
230.00	230.11	209.41	1821	1845	358.71	614.79	877.97	2083
232.00	232.20	211.50	1823	1847	356.90	612.42	875.14	2083
234.00	234.28	213.58	1825	1850	355.12	610.07	872.34	2083
236.00	236.36	215.66	1828	1852	353.36	607.74	869.57	2083
238.00	238.45	217.75	1830	1854	351.61	605.44	866.82	

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
								2089
240.00	240.53	219.83	1832	1856	349.87	603.13	864.07	
								2081
242.00	242.62	221.92	1834	1858	348.16	600.88	861.39	
								2193
244.00	244.81	224.11	1837	1861	346.20	598.22	858.15	
								2084
246.00	246.89	226.19	1839	1863	344.52	596.00	855.51	
								1979
248.00	248.87	228.17	1840	1864	343.10	594.19	853.41	
								2098
250.00	250.97	230.27	1842	1866	341.43	591.96	850.75	
								2213
252.00	253.18	232.48	1845	1869	339.49	589.32	847.52	
								2091
254.00	255.27	234.57	1847	1871	337.87	587.16	844.95	
								2167
256.00	257.44	236.74	1850	1873	336.09	584.75	842.03	
								2236
258.00	259.68	238.98	1853	1876	334.16	582.11	838.79	
								2102
260.00	261.78	241.08	1854	1878	332.57	579.98	836.25	
								2043
262.00	263.82	243.12	1856	1879	331.11	578.07	834.00	
								2067
264.00	265.89	245.19	1857	1881	329.62	576.09	831.66	
								2048
266.00	267.94	247.24	1859	1882	328.18	574.19	829.42	
								2020
268.00	269.96	249.26	1860	1883	326.81	572.40	827.32	
								2037
270.00	271.99	251.29	1861	1884	325.42	570.57	825.17	
								2027
272.00	274.02	253.32	1863	1885	324.06	568.78	823.07	
								2021
274.00	276.04	255.34	1864	1886	322.72	567.02	821.01	
								2064
276.00	278.11	257.41	1865	1888	321.30	565.14	818.78	
								2052
278.00	280.16	259.46	1867	1889	319.92	563.30	816.62	
								2085
280.00	282.24	261.54	1868	1891	318.49	561.39	814.33	
								2075
282.00	284.32	263.62	1870	1892	317.09	559.51	812.10	
								2099
284.00	286.42	265.72	1871	1893	315.66	557.58	809.79	
								2128
286.00	288.55	267.85	1873	1895	314.18	555.57	807.38	

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	290.67	269.97	1875	1897	312.73	553.60	805.00	2122
290.00	292.79	272.09	1876	1898	311.30	551.65	802.67	2117
292.00	294.90	274.20	1878	1900	309.89	549.74	800.37	2113
294.00	297.13	276.43	1881	1902	308.26	547.47	797.59	2236
296.00	299.26	278.56	1882	1904	306.86	545.56	795.29	2123
298.00	301.40	280.70	1884	1906	305.43	543.60	792.92	2145
300.00	303.53	282.83	1886	1907	304.04	541.69	790.63	2132
302.00	305.66	284.96	1887	1909	302.67	539.82	788.37	2126
304.00	307.84	287.14	1889	1911	301.22	537.80	785.91	2184
306.00	310.04	289.34	1891	1913	299.75	535.75	783.41	2198
308.00	312.26	291.56	1893	1915	298.25	533.66	780.84	2221
310.00	314.48	293.78	1895	1917	296.77	531.59	778.30	2219
312.00	316.69	295.99	1897	1919	295.33	529.56	775.82	2211
314.00	318.93	298.23	1900	1921	293.85	527.48	773.26	2236
316.00	321.19	300.49	1902	1924	292.35	525.35	770.64	2259
318.00	323.40	302.70	1904	1926	290.95	523.39	768.23	2209
320.00	325.64	304.94	1906	1928	289.49	521.33	765.69	2249
322.00	327.89	307.19	1908	1930	288.05	519.28	763.17	2250
324.00	330.14	309.44	1910	1932	286.64	517.28	760.70	2241
326.00	332.44	311.74	1912	1935	285.14	515.13	758.03	2301
328.00	334.76	314.06	1915	1937	283.63	512.96	755.33	2318
330.00	337.09	316.39	1917	1940	282.11	510.78	752.61	2331
332.00	339.40	318.70	1920	1942	280.65	508.67	749.98	2311
334.00	341.73	321.03	1922	1945	279.17	506.53	747.31	2331

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
								2353
336.00	344.08	323.38	1925	1947	277.67	504.36	744.58	
								2355
338.00	346.44	325.74	1927	1950	276.18	502.19	741.87	
								2343
340.00	348.78	328.08	1930	1953	274.72	500.09	739.23	
								2352
342.00	351.13	330.43	1932	1955	273.27	497.97	736.59	
								2335
344.00	353.46	332.76	1935	1958	271.86	495.92	734.02	
								2330
346.00	355.79	335.09	1937	1960	270.47	493.91	731.50	
								2323
348.00	358.12	337.42	1939	1962	269.11	491.92	729.02	
								2362
350.00	360.48	339.78	1942	1965	267.70	489.86	726.44	
								2378
352.00	362.86	342.16	1944	1967	266.28	487.79	723.82	
								2381
354.00	365.24	344.54	1947	1970	264.88	485.72	721.22	
								2358
356.00	367.60	346.90	1949	1972	263.52	483.73	718.72	
								2422
358.00	370.02	349.32	1952	1975	262.09	481.60	716.03	
								2431
360.00	372.45	351.75	1954	1978	260.65	479.48	713.33	
								2428
362.00	374.88	354.18	1957	1981	259.24	477.38	710.68	
								2427
364.00	377.30	356.60	1959	1983	257.85	475.31	708.05	
								2405
366.00	379.71	359.01	1962	1986	256.50	473.30	705.51	
								2406
368.00	382.12	361.42	1964	1988	255.16	471.32	703.00	
								2367
370.00	384.48	363.78	1966	1991	253.89	469.44	700.62	
								2425
372.00	386.91	366.21	1969	1993	252.55	467.44	698.10	
								2416
374.00	389.32	368.62	1971	1996	251.24	465.49	695.61	
								2431
376.00	391.75	371.05	1974	1998	249.92	463.52	693.11	
								2438
378.00	394.19	373.49	1976	2001	248.61	461.55	690.61	
								2425
380.00	396.62	375.92	1979	2003	247.33	459.63	688.17	
								2441
382.00	399.06	378.36	1981	2006	246.04	457.69	685.70	

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								2417
384.00	401.48	380.78	1983	2008	244.80	455.82	683.32	
								2412
386.00	403.89	383.19	1985	2011	243.57	453.98	680.98	
								2408
388.00	406.30	385.60	1988	2013	242.36	452.16	678.67	
								2455
390.00	408.75	388.05	1990	2015	241.11	450.26	676.25	
								2440
392.00	411.19	390.49	1992	2018	239.88	448.41	673.89	
								2447
394.00	413.64	392.94	1995	2020	238.66	446.56	671.52	
								2435
396.00	416.07	395.37	1997	2023	237.47	444.75	669.22	
								2474
398.00	418.55	397.85	1999	2025	236.24	442.89	666.82	
								2468
400.00	421.01	400.31	2002	2027	235.04	441.05	664.46	
								2456
402.00	423.47	402.77	2004	2030	233.85	439.24	662.16	
								2480
404.00	425.95	405.25	2006	2032	232.66	437.41	659.80	
								2484
406.00	428.43	407.73	2009	2035	231.47	435.59	657.46	
								2487
408.00	430.92	410.22	2011	2037	230.29	433.78	655.13	
								2468
410.00	433.39	412.69	2013	2040	229.14	432.02	652.87	
								2448
412.00	435.84	415.14	2015	2042	228.02	430.31	650.67	
								2476
414.00	438.31	417.61	2017	2044	226.89	428.56	648.43	
								2446
416.00	440.76	420.06	2020	2046	225.79	426.88	646.28	
								2466
418.00	443.22	422.52	2022	2048	224.69	425.18	644.09	
								2456
420.00	445.68	424.98	2024	2051	223.61	423.52	641.95	
								2494
422.00	448.17	427.47	2026	2053	222.50	421.80	639.72	
								2477
424.00	450.65	429.95	2028	2055	221.41	420.12	637.56	
								2446
426.00	453.10	432.40	2030	2057	220.37	418.51	635.49	
								2522
428.00	455.62	434.92	2032	2059	219.27	416.79	633.25	
								2501
430.00	458.12	437.42	2035	2062	218.19	415.11	631.08	

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								2520
432.00	460.64	439.94	2037	2064	217.10	413.42	628.88	
								2457
434.00	463.10	442.40	2039	2066	216.09	411.84	626.85	
								2505
436.00	465.60	444.90	2041	2068	215.04	410.20	624.72	
								2455
438.00	468.06	447.36	2043	2070	214.05	408.65	622.72	
								2476
440.00	470.53	449.83	2045	2072	213.04	407.08	620.69	
								2453
442.00	472.99	452.29	2047	2074	212.07	405.56	618.73	
								2410
444.00	475.40	454.70	2048	2076	211.14	404.12	616.87	
								2481
446.00	477.88	457.18	2050	2078	210.16	402.58	614.87	
								2488
448.00	480.37	459.67	2052	2080	209.18	401.04	612.87	
								2417
450.00	482.78	462.08	2054	2081	208.27	399.62	611.04	
								2348
452.00	485.13	464.43	2055	2083	207.43	398.31	609.36	
								2481
454.00	487.61	466.91	2057	2085	206.48	396.82	607.42	
								2504
456.00	490.12	469.42	2059	2087	205.52	395.30	605.43	
								2414
458.00	492.53	471.83	2060	2088	204.65	393.92	603.66	
								2423
460.00	494.95	474.25	2062	2090	203.77	392.54	601.87	
								2435
462.00	497.39	476.69	2064	2091	202.89	391.16	600.07	
								2438
464.00	499.83	479.13	2065	2093	202.02	389.78	598.28	
								2441
466.00	502.27	481.57	2067	2095	201.15	388.40	596.49	
								2515
468.00	504.78	484.08	2069	2097	200.23	386.93	594.56	
								2542
470.00	507.32	486.62	2071	2099	199.29	385.43	592.59	
								2457
472.00	509.78	489.08	2072	2100	198.43	384.06	590.81	
								2461
474.00	512.24	491.54	2074	2102	197.57	382.70	589.03	
								2451
476.00	514.69	493.99	2076	2104	196.73	381.36	587.28	
								2515
478.00	517.21	496.51	2077	2105	195.85	379.94	585.41	

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								2451
480.00	519.66	498.96	2079	2107	195.02	378.62	583.69	
								2514
482.00	522.17	501.47	2081	2109	194.16	377.22	581.85	
								2375
484.00	524.55	503.85	2082	2110	193.40	376.02	580.29	
								2249
486.00	526.80	506.10	2083	2111	192.74	374.98	578.96	
								2365
488.00	529.16	508.46	2084	2112	192.00	373.81	577.44	
								2383
490.00	531.54	510.84	2085	2113	191.25	372.62	575.89	
								2344
492.00	533.89	513.19	2086	2114	190.54	371.48	574.41	
								2272
494.00	536.16	515.46	2087	2115	189.88	370.44	573.07	
								2460
496.00	538.62	517.92	2088	2116	189.09	369.17	571.40	
								2324
498.00	540.94	520.24	2089	2117	188.41	368.08	569.99	
								2305
500.00	543.25	522.55	2090	2118	187.74	367.01	568.61	
								2555
502.00	545.80	525.10	2092	2120	186.90	365.64	566.79	
								2468
504.00	548.27	527.57	2094	2121	186.13	364.40	565.15	
								2390
506.00	550.66	529.96	2095	2122	185.42	363.25	563.65	
								2518
508.00	553.18	532.48	2096	2124	184.63	361.96	561.93	
								2529
510.00	555.71	535.01	2098	2126	183.84	360.66	560.21	
								2332
512.00	558.04	537.34	2099	2127	183.18	359.61	558.83	
								2331
514.00	560.37	539.67	2100	2127	182.53	358.56	557.47	
								2539
516.00	562.91	542.21	2102	2129	181.75	357.27	555.75	
								2471
518.00	565.38	544.68	2103	2131	181.02	356.07	554.17	
								2511
520.00	567.89	547.19	2105	2132	180.27	354.84	552.52	
								2685
522.00	570.58	549.88	2107	2135	179.40	353.40	550.57	
								2495
524.00	573.07	552.37	2108	2136	178.68	352.20	548.98	
								2685
526.00	575.76	555.06	2110	2138	177.83	350.78	547.06	

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								2348
528.00	578.10	557.40	2111	2139	177.20	349.76	545.72	
								2571
530.00	580.67	559.97	2113	2141	176.44	348.50	544.03	
								2305
532.00	582.98	562.28	2114	2142	175.85	347.54	542.77	
								2520
534.00	585.50	564.80	2115	2143	175.13	346.35	541.18	
								2701
536.00	588.20	567.50	2118	2146	174.31	344.95	539.29	
								2789
538.00	590.99	570.29	2120	2148	173.43	343.46	537.26	
								2890
540.00	593.88	573.18	2123	2151	172.49	341.86	535.05	
								2826
542.00	596.70	576.00	2125	2154	171.60	340.35	532.99	
								2859
544.00	599.56	578.86	2128	2157	170.70	338.82	530.88	
								2905
546.00	602.47	581.77	2131	2161	169.78	337.24	528.70	
								2867
548.00	605.34	584.64	2134	2164	168.89	335.72	526.62	
								2788
550.00	608.13	587.43	2136	2166	168.06	334.31	524.69	
								2863
552.00	610.99	590.29	2139	2169	167.19	332.82	522.64	
								2965
554.00	613.95	593.25	2142	2173	166.27	331.23	520.43	
								2837
556.00	616.79	596.09	2144	2175	165.44	329.80	518.47	
								2803
558.00	619.59	598.89	2147	2178	164.64	328.42	516.58	
								2988
560.00	622.58	601.88	2150	2181	163.72	326.85	514.38	
								2867
562.00	625.45	604.75	2152	2184	162.90	325.42	512.42	
								2923
564.00	628.37	607.67	2155	2187	162.05	323.95	510.37	
								2838
566.00	631.21	610.51	2157	2190	161.25	322.58	508.49	
								2939
568.00	634.15	613.45	2160	2193	160.41	321.11	506.45	
								3030
570.00	637.18	616.48	2163	2196	159.52	319.56	504.28	
								2908
572.00	640.09	619.39	2166	2199	158.71	318.15	502.33	
								2893
574.00	642.98	622.28	2168	2202	157.92	316.78	500.42	

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	645.91	625.21	2171	2205	157.11	315.37	498.46	2931
578.00	648.79	628.09	2173	2208	156.34	314.03	496.60	2881
580.00	651.71	631.01	2176	2211	155.56	312.66	494.70	2918
582.00	654.64	633.94	2178	2213	154.78	311.30	492.80	2928
584.00	657.56	636.86	2181	2216	154.01	309.95	490.92	2920
586.00	660.56	639.86	2184	2219	153.20	308.53	488.93	3004
588.00	663.47	642.77	2186	2222	152.45	307.22	487.10	2912
590.00	666.52	645.82	2189	2225	151.63	305.77	485.07	3050
592.00	669.56	648.86	2192	2229	150.83	304.36	483.07	3036
594.00	672.54	651.84	2195	2232	150.06	303.01	481.18	2984
596.00	675.47	654.77	2197	2234	149.34	301.73	479.39	2926
598.00	678.36	657.66	2200	2237	148.64	300.50	477.67	2885
600.00	681.47	660.77	2203	2240	147.82	299.05	475.62	3116
602.00	684.43	663.73	2205	2243	147.10	297.77	473.83	2958
604.00	687.38	666.68	2208	2246	146.39	296.51	472.05	2953
606.00	690.37	669.67	2210	2249	145.67	295.23	470.24	2990
608.00	693.36	672.66	2213	2252	144.95	293.95	468.44	2991
610.00	696.38	675.68	2215	2254	144.22	292.66	466.62	3017
612.00	699.24	678.54	2217	2257	143.58	291.52	465.02	2865
614.00	702.15	681.45	2220	2259	142.92	290.36	463.38	2906
616.00	705.04	684.34	2222	2261	142.28	289.21	461.77	2893
618.00	707.97	687.27	2224	2264	141.63	288.05	460.13	2924
620.00	711.01	690.31	2227	2267	140.92	286.78	458.34	3043
622.00	714.04	693.34	2229	2270	140.23	285.54	456.57	3033

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GFO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
								2980
624.00	717.02	696.32	2232	2272	139.57	284.36	454.90	
								3111
626.00	720.13	699.43	2235	2276	138.85	283.06	453.05	
								2948
628.00	723.08	702.38	2237	2278	138.22	281.93	451.44	
								3105
630.00	726.19	705.49	2240	2281	137.52	280.66	449.64	
								3022
632.00	729.21	708.51	2242	2284	136.86	279.48	447.96	
								3027
634.00	732.24	711.54	2245	2287	136.21	278.31	446.29	
								3036
636.00	735.27	714.57	2247	2289	135.56	277.13	444.61	
								3015
638.00	738.29	717.59	2249	2292	134.92	275.99	442.98	
								3018
640.00	741.31	720.61	2252	2295	134.30	274.85	441.36	
								2967
642.00	744.27	723.57	2254	2297	133.69	273.76	439.81	
								3045
644.00	747.32	726.62	2257	2300	133.06	272.62	438.17	
								2838
646.00	750.16	729.46	2258	2302	132.53	271.65	436.80	
								3059
648.00	753.21	732.51	2261	2304	131.90	270.51	435.17	
								2979
650.00	756.19	735.49	2263	2307	131.31	269.45	433.66	
								2855
652.00	759.05	738.35	2265	2309	130.78	268.49	432.29	
								2944
654.00	761.99	741.29	2267	2311	130.22	267.47	430.83	
								3027
656.00	765.02	744.32	2269	2313	129.63	266.40	429.29	
								3117
658.00	768.14	747.44	2272	2316	129.01	265.26	427.65	
								3055
660.00	771.19	750.49	2274	2319	128.42	264.18	426.09	
								3072
662.00	774.26	753.56	2277	2321	127.82	263.09	424.53	
								3042
664.00	777.30	756.60	2279	2324	127.25	262.04	423.02	
								3144
666.00	780.45	759.75	2282	2327	126.64	260.91	421.39	
								3161
668.00	783.61	762.91	2284	2330	126.02	259.79	419.76	
								3047
670.00	786.66	765.96	2286	2332	125.46	258.75	418.27	

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
								2946
672.00	789.60	768.90	2288	2334	124.94	257.81	416.91	
								3013
674.00	792.61	771.91	2291	2337	124.40	256.81	415.48	
								2970
676.00	795.58	774.88	2293	2339	123.89	255.86	414.11	
								2856
678.00	798.44	777.74	2294	2340	123.41	254.99	412.86	
								2954
680.00	801.39	780.69	2296	2342	122.91	254.07	411.53	
								3116
682.00	804.51	783.81	2299	2345	122.35	253.03	410.02	
								2911
684.00	807.42	786.72	2300	2347	121.86	252.14	408.75	
								2975
686.00	810.40	789.70	2302	2349	121.36	251.22	407.41	
								2856
688.00	813.25	792.55	2304	2351	120.91	250.39	406.21	
								2903
690.00	816.15	795.45	2306	2352	120.44	249.52	404.97	
								2928
692.00	819.08	798.38	2307	2354	119.97	248.65	403.70	
								3009
694.00	822.09	801.39	2309	2356	119.47	247.73	402.37	
								3266
696.00	825.36	804.66	2312	2360	118.89	246.64	400.77	
								3164
698.00	828.52	807.82	2315	2362	118.34	245.63	399.29	
								3222
700.00	831.74	811.04	2317	2365	117.79	244.58	397.77	
								3118
702.00	834.86	814.16	2320	2368	117.27	243.62	396.36	
								2850
704.00	837.71	817.01	2321	2369	116.85	242.84	395.23	
								2908
706.00	840.62	819.92	2323	2371	116.41	242.02	394.04	
								3064
708.00	843.68	822.98	2325	2373	115.92	241.11	392.72	
								3208
710.00	846.89	826.19	2327	2376	115.39	240.12	391.26	
								3265
712.00	850.16	829.46	2330	2379	114.84	239.09	389.75	
								3268
714.00	853.42	832.72	2333	2382	114.30	238.07	388.24	
								3248
716.00	856.67	835.97	2335	2385	113.77	237.07	386.77	
								3159
718.00	859.83	839.13	2337	2387	113.28	236.14	385.41	

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
								3312
720.00	863.14	842.44	2340	2390	112.73	235.12	383.89	
								3052
722.00	866.20	845.50	2342	2392	112.28	234.27	382.65	
								2931
724.00	869.13	848.43	2344	2394	111.87	233.50	381.52	
								2930
726.00	872.06	851.36	2345	2396	111.46	232.73	380.40	
								2928
728.00	874.98	854.28	2347	2397	111.05	231.97	379.28	
								2989
730.00	877.97	857.27	2349	2399	110.63	231.18	378.12	
								3032
732.00	881.01	860.31	2351	2401	110.20	230.36	376.93	
								2997
734.00	884.00	863.30	2352	2403	109.78	229.58	375.78	
								2761
736.00	886.76	866.06	2353	2404	109.43	228.93	374.83	
								2996
738.00	889.76	869.06	2355	2406	109.02	228.15	373.69	
								2864
740.00	892.62	871.92	2357	2407	108.65	227.45	372.67	
								2954
742.00	895.58	874.88	2358	2409	108.26	226.71	371.58	
								2935
744.00	898.51	877.81	2360	2410	107.87	225.98	370.51	
								2905
746.00	901.42	880.72	2361	2412	107.50	225.28	369.47	
								2792
748.00	904.21	883.51	2362	2413	107.15	224.63	368.53	
								2999
750.00	907.21	886.51	2364	2414	106.76	223.88	367.42	
								3043
752.00	910.25	889.55	2366	2416	106.35	223.12	366.29	
								3035
754.00	913.29	892.59	2368	2418	105.95	222.36	365.17	
								2960
756.00	916.25	895.55	2369	2420	105.58	221.64	364.11	
								2971
758.00	919.22	898.52	2371	2421	105.20	220.93	363.06	
								2993
760.00	922.21	901.51	2372	2423	104.82	220.21	361.99	
								2941
762.00	925.15	904.45	2374	2425	104.46	219.52	360.97	
								2976
764.00	928.13	907.43	2375	2426	104.09	218.81	359.92	
								2975
766.00	931.10	910.40	2377	2428	103.72	218.11	358.89	

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
								2996
768.00	934.10	913.40	2379	2429	103.35	217.41	357.84	
								2865
770.00	936.97	916.27	2380	2431	103.01	216.77	356.90	
								2734
772.00	939.70	919.00	2381	2432	102.71	216.20	356.06	
								2752
774.00	942.45	921.75	2382	2432	102.41	215.62	355.22	
								2865
776.00	945.32	924.62	2383	2434	102.08	215.00	354.29	
								2903
778.00	948.22	927.52	2384	2435	101.74	214.36	353.34	
								2933
780.00	951.15	930.45	2386	2436	101.40	213.71	352.37	
								2864
782.00	954.01	933.31	2387	2438	101.08	213.09	351.46	
								2860
784.00	956.87	936.17	2388	2439	100.76	212.48	350.56	
								2920
786.00	959.79	939.09	2390	2440	100.43	211.85	349.61	
								3031
788.00	962.83	942.13	2391	2442	100.07	211.16	348.59	
								3298
790.00	966.12	945.42	2393	2444	99.65	210.35	347.37	
								2965
792.00	969.09	948.39	2395	2446	99.31	209.70	346.41	
								2879
794.00	971.97	951.27	2396	2447	99.00	209.10	345.51	
								2859
796.00	974.83	954.13	2397	2448	98.69	208.52	344.64	
								2925
798.00	977.75	957.05	2399	2449	98.37	207.90	343.72	
								3008
800.00	980.76	960.06	2400	2451	98.04	207.25	342.75	
								2938
802.00	983.70	963.00	2401	2452	97.72	206.64	341.84	
								2797
804.00	986.49	965.79	2402	2453	97.43	206.09	341.02	
								2845
806.00	989.34	968.64	2404	2454	97.14	205.53	340.18	
								2868
808.00	992.21	971.51	2405	2455	96.84	204.96	339.33	
								2920
810.00	995.13	974.43	2406	2457	96.53	204.36	338.44	
								3026
812.00	998.15	977.45	2408	2458	96.20	203.73	337.48	
								3044
814.00	1001.20	980.50	2409	2460	95.87	203.09	336.52	

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GFO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
								2942
816.00	1004.14	983.44	2410	2461	95.57	202.50	335.63	
								2853
818.00	1006.99	986.29	2411	2462	95.28	201.95	334.81	
								3005
820.00	1010.00	989.30	2413	2464	94.97	201.33	333.89	
								2924
822.00	1012.92	992.22	2414	2465	94.67	200.76	333.03	
								3031
824.00	1015.95	995.25	2416	2466	94.35	200.14	332.10	
								3286
826.00	1019.24	998.54	2418	2469	93.98	199.42	330.99	
								3050
828.00	1022.29	1001.59	2419	2470	93.66	198.80	330.06	
								2912
830.00	1025.20	1004.50	2420	2471	93.38	198.24	329.23	
								3066
832.00	1028.27	1007.57	2422	2473	93.06	197.63	328.30	
								2978
834.00	1031.25	1010.55	2423	2474	92.77	197.05	327.43	
								2981
836.00	1034.23	1013.53	2425	2476	92.47	196.48	326.56	
								3103
838.00	1037.33	1016.63	2426	2477	92.15	195.86	325.62	
								3116
840.00	1040.45	1019.75	2428	2479	91.83	195.23	324.67	
								3057
842.00	1043.50	1022.80	2429	2481	91.53	194.64	323.77	
								3175
844.00	1046.68	1025.98	2431	2482	91.20	194.00	322.80	
								3184
846.00	1049.86	1029.16	2433	2484	90.88	193.36	321.82	
								3149
848.00	1053.01	1032.31	2435	2486	90.56	192.74	320.87	
								3102
850.00	1056.11	1035.41	2436	2488	90.25	192.14	319.96	
								3053
852.00	1059.17	1038.47	2438	2489	89.96	191.56	319.09	
								2978
854.00	1062.14	1041.44	2439	2490	89.68	191.02	318.27	
								2908
856.00	1065.05	1044.35	2440	2492	89.42	190.51	317.49	
								2908
858.00	1067.96	1047.26	2441	2493	89.16	190.00	316.72	
								2877
860.00	1070.84	1050.14	2442	2494	88.91	189.50	315.97	
								2952
862.00	1073.79	1053.09	2443	2495	88.64	188.98	315.18	

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
864.00	1076.80	1056.10	2445	2496	88.37	188.44	314.36	3014
866.00	1079.84	1059.14	2446	2497	88.09	187.90	313.52	3036
868.00	1082.77	1062.07	2447	2499	87.83	187.39	312.76	2927
870.00	1085.75	1065.05	2448	2500	87.57	186.87	311.97	2981
872.00	1088.82	1068.12	2450	2501	87.29	186.32	311.12	3070
874.00	1091.98	1071.28	2451	2503	86.99	185.74	310.23	3166
876.00	1095.16	1074.46	2453	2505	86.70	185.15	309.33	3177
878.00	1098.27	1077.57	2455	2506	86.41	184.59	308.48	3110
880.00	1101.33	1080.63	2456	2508	86.14	184.06	307.66	3060
882.00	1104.32	1083.62	2457	2509	85.89	183.56	306.89	2987
884.00	1107.38	1086.68	2459	2510	85.62	183.02	306.07	3065
886.00	1110.42	1089.72	2460	2511	85.36	182.51	305.28	3037
888.00	1113.40	1092.70	2461	2513	85.11	182.01	304.52	2981
890.00	1116.45	1095.75	2462	2514	84.85	181.50	303.73	3051
892.00	1119.59	1098.89	2464	2516	84.57	180.95	302.89	3136
894.00	1122.71	1102.01	2465	2517	84.30	180.41	302.07	3122
896.00	1125.85	1105.15	2467	2519	84.03	179.87	301.24	3143
898.00	1128.94	1108.24	2468	2520	83.77	179.36	300.44	3085
900.00	1131.99	1111.29	2470	2521	83.52	178.86	299.67	3049
902.00	1135.14	1114.44	2471	2523	83.25	178.32	298.85	3151
904.00	1138.33	1117.63	2473	2525	82.97	177.78	298.00	3188
906.00	1141.50	1120.80	2474	2526	82.70	177.24	297.18	3171
908.00	1144.54	1123.84	2475	2527	82.46	176.75	296.42	3045
910.00	1147.54	1126.84	2477	2529	82.22	176.28	295.70	2993

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
								3070
912.00	1150.61	1129.91	2478	2530	81.97	175.79	294.94	
								3122
914.00	1153.73	1133.03	2479	2531	81.72	175.28	294.16	
								3211
916.00	1156.94	1136.24	2481	2533	81.45	174.75	293.33	
								3226
918.00	1160.17	1139.47	2482	2535	81.18	174.21	292.50	
								3206
920.00	1163.37	1142.67	2484	2536	80.92	173.68	291.68	
								3174
922.00	1166.55	1145.85	2486	2538	80.66	173.17	290.89	
								3197
924.00	1169.74	1149.04	2487	2540	80.41	172.65	290.08	
								3172
926.00	1172.91	1152.21	2489	2541	80.15	172.15	289.30	
								3215
928.00	1176.13	1155.43	2490	2543	79.89	171.63	288.49	
								3206
930.00	1179.34	1158.64	2492	2544	79.64	171.12	287.70	
								3621
932.00	1182.96	1162.26	2494	2547	79.31	170.46	286.67	
								3310
934.00	1186.27	1165.57	2496	2549	79.05	169.92	285.83	
								3183
936.00	1189.45	1168.75	2497	2551	78.80	169.43	285.06	
								3235
938.00	1192.69	1171.99	2499	2552	78.55	168.92	284.27	
								3208
940.00	1195.89	1175.19	2500	2554	78.30	168.42	283.49	
								3296
942.00	1199.19	1178.49	2502	2556	78.04	167.90	282.68	
								3176
944.00	1202.36	1181.66	2504	2557	77.80	167.42	281.93	
								3259
946.00	1205.62	1184.92	2505	2559	77.55	166.91	281.14	
								3282
948.00	1208.91	1188.21	2507	2560	77.30	166.41	280.34	
								3329
950.00	1212.23	1191.53	2508	2562	77.04	165.88	279.53	
								3233
952.00	1215.47	1194.77	2510	2564	76.80	165.40	278.77	
								3403
954.00	1218.87	1198.17	2512	2566	76.53	164.86	277.92	
								3390
956.00	1222.26	1201.56	2514	2568	76.27	164.33	277.09	
								3402
958.00	1225.66	1204.96	2516	2570	76.01	163.79	276.25	

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
960.00	1229.04	1208.35	2517	2572	75.75	163.27	275.43	3381
962.00	1232.29	1211.59	2519	2574	75.51	162.80	274.69	3242
964.00	1235.53	1214.83	2520	2575	75.28	162.32	273.95	3239
966.00	1238.70	1218.00	2522	2576	75.06	161.87	273.24	3178
968.00	1242.03	1221.33	2523	2578	74.81	161.38	272.47	3329
970.00	1245.28	1224.58	2525	2580	74.58	160.91	271.74	3246
972.00	1248.47	1227.77	2526	2581	74.36	160.47	271.04	3191
974.00	1251.81	1231.11	2528	2583	74.12	159.98	270.27	3336
976.00	1254.92	1234.22	2529	2584	73.91	159.56	269.61	3112
978.00	1258.03	1237.33	2530	2585	73.71	159.14	268.96	3116
980.00	1261.34	1240.64	2532	2587	73.48	158.67	268.22	3308
982.00	1264.73	1244.03	2534	2589	73.23	158.18	267.44	3387
984.00	1268.12	1247.42	2535	2591	72.99	157.69	266.66	3395
986.00	1271.46	1250.76	2537	2593	72.76	157.22	265.92	3332
988.00	1274.96	1254.26	2539	2595	72.51	156.70	265.10	3506
990.00	1278.59	1257.89	2541	2597	72.23	156.14	264.22	3633
992.00	1282.13	1261.43	2543	2599	71.98	155.62	263.39	3538
994.00	1285.48	1264.78	2545	2601	71.75	155.16	262.66	3343
996.00	1288.89	1268.19	2547	2603	71.52	154.68	261.91	3415
998.00	1292.34	1271.64	2548	2605	71.28	154.20	261.14	3446
1000.00	1296.03	1275.33	2551	2608	71.01	153.64	260.25	3692
1002.00	1299.62	1278.92	2553	2610	70.75	153.12	259.42	3594
1004.00	1303.04	1282.34	2554	2612	70.52	152.65	258.68	3417
1006.00	1306.25	1285.55	2556	2613	70.32	152.24	258.04	3213

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
								3378
1008.00	1309.63	1288.93	2557	2615	70.10	151.79	257.32	
								3569
1010.00	1313.20	1292.50	2559	2617	69.86	151.29	256.52	
								3567
1012.00	1316.77	1296.07	2561	2619	69.61	150.79	255.73	
								3602
1014.00	1320.37	1299.67	2563	2622	69.37	150.28	254.92	
								3606
1016.00	1323.97	1303.27	2565	2624	69.12	149.78	254.12	
								3678
1018.00	1327.65	1306.95	2568	2626	68.87	149.26	253.29	
								4930
1020.00	1332.58	1311.88	2572	2633	68.42	148.31	251.77	
								3699
1022.00	1336.28	1315.58	2575	2635	68.16	147.80	250.94	
								3543
1024.00	1339.82	1319.12	2576	2638	67.94	147.33	250.19	
								3545
1026.00	1343.37	1322.67	2578	2640	67.71	146.86	249.45	
								3495
1028.00	1346.86	1326.16	2580	2642	67.49	146.41	248.73	
								3402
1030.00	1350.26	1329.56	2582	2643	67.28	145.98	248.05	
								3318
1032.00	1353.58	1332.88	2583	2645	67.09	145.58	247.41	
								3327
1034.00	1356.91	1336.21	2585	2646	66.89	145.18	246.78	
								3347
1036.00	1360.26	1339.56	2586	2648	66.70	144.78	246.13	
								3411
1038.00	1363.67	1342.97	2588	2649	66.49	144.36	245.47	
								3408
1040.00	1367.08	1346.38	2589	2651	66.29	143.95	244.81	
								3430
1042.00	1370.51	1349.81	2591	2653	66.09	143.53	244.14	
								3423
1044.00	1373.93	1353.23	2592	2654	65.89	143.12	243.48	
								3432
1046.00	1377.36	1356.66	2594	2656	65.69	142.71	242.82	
								3353
1048.00	1380.71	1360.01	2595	2658	65.50	142.31	242.20	
								3212
1050.00	1383.93	1363.23	2597	2659	65.33	141.96	241.63	
								3365
1052.00	1387.29	1366.59	2598	2660	65.14	141.57	241.00	
								3416
1054.00	1390.71	1370.01	2600	2662	64.94	141.17	240.36	

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
1056.00	1394.01	1373.31	2601	2663	64.76	140.80	239.77	3299
1058.00	1397.31	1376.61	2602	2665	64.58	140.43	239.18	3306
1060.00	1400.71	1380.01	2604	2666	64.39	140.04	238.56	3395
1062.00	1403.96	1383.26	2605	2668	64.22	139.69	237.99	3248
1064.00	1407.43	1386.73	2607	2669	64.03	139.28	237.35	3477
1066.00	1410.72	1390.02	2608	2671	63.85	138.92	236.77	3293
1068.00	1414.06	1393.36	2609	2672	63.68	138.55	236.18	3337
1070.00	1417.43	1396.73	2611	2673	63.50	138.18	235.58	3367
1072.00	1420.59	1399.89	2612	2674	63.34	137.86	235.07	3159
1074.00	1424.06	1403.36	2613	2676	63.15	137.46	234.43	3477
1076.00	1427.34	1406.64	2615	2677	62.98	137.12	233.88	3280
1078.00	1430.73	1410.03	2616	2679	62.80	136.75	233.28	3390
1080.00	1434.05	1413.35	2617	2680	62.63	136.39	232.72	3314
1082.00	1437.29	1416.59	2618	2681	62.47	136.06	232.18	3239
1084.00	1440.49	1419.79	2620	2682	62.31	135.74	231.67	3200
1086.00	1443.84	1423.14	2621	2684	62.14	135.38	231.09	3357
1088.00	1447.15	1426.45	2622	2685	61.98	135.04	230.54	3308
1090.00	1450.36	1429.66	2623	2686	61.82	134.72	230.03	3213
1092.00	1453.46	1432.76	2624	2687	61.68	134.42	229.55	3093
1094.00	1456.59	1435.89	2625	2688	61.53	134.12	229.07	3136
1096.00	1460.01	1439.31	2626	2689	61.36	133.76	228.49	3412
1098.00	1463.07	1442.37	2627	2690	61.22	133.48	228.03	3061
1100.00	1466.24	1445.54	2628	2691	61.07	133.17	227.54	3169
1102.00	1469.20	1448.50	2629	2692	60.95	132.91	227.12	2966

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
								3171
1104.00	1472.37	1451.67	2630	2692	60.80	132.60	226.63	
								3160
1106.00	1475.53	1454.83	2631	2693	60.66	132.30	226.15	
								3135
1108.00	1478.67	1457.97	2632	2694	60.51	132.01	225.68	
								3022
1110.00	1481.69	1460.99	2632	2695	60.38	131.74	225.25	
								3037
1112.00	1484.73	1464.03	2633	2696	60.25	131.47	224.81	
								3078
1114.00	1487.80	1467.10	2634	2696	60.12	131.19	224.36	
								3062
1116.00	1490.87	1470.17	2635	2697	59.98	130.91	223.92	
								3258
1118.00	1494.12	1473.42	2636	2698	59.83	130.60	223.42	
								3143
1120.00	1497.27	1476.57	2637	2699	59.70	130.31	222.95	
								3125
1122.00	1500.39	1479.69	2638	2700	59.56	130.03	222.50	
								3137
1124.00	1503.53	1482.83	2638	2701	59.42	129.75	222.04	
								3153
1126.00	1506.68	1485.98	2639	2701	59.29	129.46	221.58	
								3195
1128.00	1509.88	1489.18	2640	2702	59.14	129.17	221.11	
								3205
1130.00	1513.08	1492.38	2641	2703	59.00	128.88	220.64	
								3043
1132.00	1516.13	1495.43	2642	2704	58.88	128.61	220.21	
								3112
1134.00	1519.24	1498.54	2643	2705	58.75	128.34	219.77	
								3182
1136.00	1522.42	1501.72	2644	2706	58.61	128.05	219.31	
								3317
1138.00	1525.74	1505.04	2645	2707	58.46	127.75	218.81	
								3141
1140.00	1528.88	1508.18	2646	2708	58.33	127.47	218.37	
								3221
1142.00	1532.10	1511.40	2647	2709	58.19	127.18	217.90	
								3065
1144.00	1535.16	1514.46	2648	2709	58.07	126.92	217.48	
								3264
1146.00	1538.43	1517.73	2649	2710	57.92	126.63	217.01	
								3146
1148.00	1541.57	1520.87	2650	2711	57.79	126.36	216.57	
								3196
1150.00	1544.77	1524.07	2651	2712	57.66	126.08	216.12	

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
								3135
1152.00	1547.90	1527.20	2651	2713	57.53	125.81	215.69	3197
1154.00	1551.10	1530.40	2652	2714	57.40	125.53	215.24	3225
1156.00	1554.32	1533.62	2653	2715	57.27	125.25	214.78	3200
1158.00	1557.52	1536.82	2654	2716	57.13	124.98	214.34	3075
1160.00	1560.60	1539.90	2655	2716	57.01	124.73	213.93	3136
1162.00	1563.74	1543.04	2656	2717	56.89	124.46	213.50	3104
1164.00	1566.84	1546.14	2657	2718	56.76	124.21	213.09	3273
1166.00	1570.11	1549.41	2658	2719	56.63	123.92	212.63	3179
1168.00	1573.29	1552.59	2659	2720	56.50	123.66	212.20	3173
1170.00	1576.46	1555.76	2659	2721	56.38	123.40	211.77	3126
1172.00	1579.59	1558.89	2660	2721	56.25	123.14	211.36	3184
1174.00	1582.77	1562.07	2661	2722	56.13	122.88	210.93	3115
1176.00	1585.89	1565.19	2662	2723	56.01	122.63	210.52	3095
1178.00	1588.98	1568.28	2663	2724	55.89	122.38	210.13	3230
1180.00	1592.21	1571.51	2664	2725	55.76	122.11	209.69	3080
1182.00	1595.29	1574.59	2664	2725	55.65	121.87	209.30	3217
1184.00	1598.51	1577.81	2665	2726	55.52	121.61	208.87	3069
1186.00	1601.58	1580.88	2666	2727	55.41	121.37	208.48	3138
1188.00	1604.72	1584.02	2667	2727	55.29	121.12	208.08	3133
1190.00	1607.85	1587.15	2667	2728	55.17	120.87	207.68	2994
1192.00	1610.84	1590.14	2668	2729	55.06	120.65	207.31	3153
1194.00	1614.00	1593.30	2669	2729	54.95	120.40	206.91	3113
1196.00	1617.11	1596.41	2670	2730	54.83	120.16	206.52	3028
1198.00	1620.14	1599.44	2670	2731	54.72	119.93	206.15	

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
								2987
1200.00	1623.12	1602.42	2671	2731	54.62	119.72	205.80	
								3024
1202.00	1626.15	1605.45	2671	2732	54.51	119.49	205.43	
								2903
1204.00	1629.05	1608.35	2672	2732	54.41	119.29	205.10	
								2988
1206.00	1632.04	1611.34	2672	2732	54.31	119.07	204.75	
								2917
1208.00	1634.96	1614.26	2673	2733	54.21	118.86	204.41	
								2937
1210.00	1637.89	1617.19	2673	2733	54.11	118.66	204.08	
								2837
1212.00	1640.73	1620.03	2673	2733	54.02	118.46	203.76	
								2920
1214.00	1643.65	1622.95	2674	2734	53.92	118.26	203.43	
								2829
1216.00	1646.48	1625.78	2674	2734	53.83	118.07	203.12	
								2872
1218.00	1649.35	1628.65	2674	2734	53.74	117.87	202.81	
								2865
1220.00	1652.22	1631.52	2675	2734	53.64	117.68	202.49	
								2786
1222.00	1655.00	1634.30	2675	2734	53.56	117.50	202.19	
								2852
1224.00	1657.86	1637.16	2675	2734	53.47	117.30	201.88	
								2841
1226.00	1660.70	1640.00	2675	2735	53.38	117.11	201.58	
								2759
1228.00	1663.46	1642.76	2675	2735	53.29	116.94	201.29	
								2843
1230.00	1666.30	1645.60	2676	2735	53.20	116.75	200.98	
								2853
1232.00	1669.15	1648.45	2676	2735	53.11	116.56	200.68	
								2796
1234.00	1671.95	1651.25	2676	2735	53.02	116.38	200.38	
								2826
1236.00	1674.77	1654.07	2676	2735	52.94	116.19	200.08	
								2885
1238.00	1677.66	1656.96	2677	2736	52.84	116.00	199.77	
								2856
1240.00	1680.51	1659.81	2677	2736	52.76	115.82	199.47	
								2877
1242.00	1683.39	1662.69	2677	2736	52.66	115.63	199.16	
								2847
1244.00	1686.24	1665.54	2678	2736	52.58	115.44	198.86	
								2898
1246.00	1689.14	1668.44	2678	2736	52.49	115.25	198.55	

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
								2912
1248.00	1692.05	1671.35	2678	2737	52.39	115.06	198.23	
								2783
1250.00	1694.83	1674.13	2679	2737	52.31	114.88	197.95	
								2811
1252.00	1697.64	1676.94	2679	2737	52.23	114.71	197.66	
								2830
1254.00	1700.47	1679.77	2679	2737	52.14	114.53	197.37	
								2846
1256.00	1703.32	1682.62	2679	2737	52.05	114.34	197.07	
								2847
1258.00	1706.17	1685.47	2680	2737	51.97	114.16	196.78	
								2972
1260.00	1709.14	1688.44	2680	2738	51.87	113.97	196.45	
								2889
1262.00	1712.03	1691.33	2680	2738	51.79	113.78	196.15	
								2995
1264.00	1715.02	1694.32	2681	2738	51.69	113.58	195.83	
								2943
1266.00	1717.96	1697.26	2681	2739	51.60	113.39	195.51	
								2976
1268.00	1720.94	1700.24	2682	2739	51.51	113.20	195.19	
								2940
1270.00	1723.88	1703.18	2682	2740	51.42	113.01	194.88	
								2956
1272.00	1726.84	1706.14	2683	2740	51.33	112.81	194.57	
								2962
1274.00	1729.80	1709.10	2683	2740	51.24	112.62	194.26	
								2905
1276.00	1732.70	1712.00	2683	2740	51.15	112.44	193.96	
								2865
1278.00	1735.57	1714.87	2684	2741	51.07	112.26	193.67	
								2872
1280.00	1738.44	1717.74	2684	2741	50.98	112.08	193.38	
								3392
1282.00	1741.83	1721.13	2685	2742	50.86	111.84	192.97	
								3136
1284.00	1744.97	1724.27	2686	2743	50.76	111.62	192.62	
								2882
1286.00	1747.85	1727.15	2686	2743	50.68	111.45	192.33	
								2870
1288.00	1750.72	1730.02	2686	2743	50.60	111.27	192.04	
								2871
1290.00	1753.59	1732.89	2687	2743	50.51	111.10	191.76	
								2832
1292.00	1756.42	1735.72	2687	2743	50.43	110.93	191.48	
								2894
1294.00	1759.32	1738.62	2687	2744	50.35	110.75	191.19	

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
								2902
1296.00	1762.22	1741.52	2688	2744	50.27	110.57	190.90	
								2850
1298.00	1765.07	1744.37	2688	2744	50.19	110.40	190.62	
								2926
1300.00	1768.00	1747.30	2688	2744	50.10	110.23	190.33	
								2875
1302.00	1770.87	1750.17	2688	2745	50.02	110.05	190.05	
								2888
1304.00	1773.76	1753.06	2689	2745	49.94	109.88	189.77	
								2952
1306.00	1776.71	1756.01	2689	2745	49.85	109.70	189.47	
								2921
1308.00	1779.63	1758.93	2689	2745	49.77	109.52	189.18	
								2945
1310.00	1782.58	1761.88	2690	2746	49.68	109.35	188.89	
								2983
1312.00	1785.56	1764.86	2690	2746	49.60	109.16	188.59	
								2994
1314.00	1788.55	1767.85	2691	2747	49.51	108.98	188.28	
								2974
1316.00	1791.53	1770.83	2691	2747	49.43	108.80	187.99	
								3042
1318.00	1794.57	1773.87	2692	2747	49.34	108.61	187.68	
								2989
1320.00	1797.56	1776.86	2692	2748	49.25	108.43	187.38	
								3003
1322.00	1800.56	1779.86	2693	2748	49.17	108.25	187.08	
								3029
1324.00	1803.59	1782.89	2693	2749	49.08	108.06	186.78	
								3066
1326.00	1806.66	1785.96	2694	2749	48.99	107.87	186.46	
								3046
1328.00	1809.70	1789.00	2694	2750	48.90	107.69	186.16	
								3027
1330.00	1812.73	1792.03	2695	2750	48.82	107.50	185.86	
								3049
1332.00	1815.78	1795.08	2695	2750	48.73	107.32	185.55	
								3074
1334.00	1818.85	1798.15	2696	2751	48.64	107.13	185.24	
								3044
1336.00	1821.90	1801.20	2696	2751	48.55	106.95	184.94	
								3059
1338.00	1824.96	1804.26	2697	2752	48.47	106.76	184.64	
								3068
1340.00	1828.02	1807.32	2697	2752	48.38	106.58	184.33	
								3005
1342.00	1831.03	1810.33	2698	2753	48.30	106.40	184.04	

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
								2957
1344.00	1833.99	1813.29	2698	2753	48.22	106.23	183.76	
								2971
1346.00	1836.96	1816.26	2699	2753	48.14	106.06	183.48	
								3043
1348.00	1840.00	1819.30	2699	2754	48.05	105.88	183.18	
								2981
1350.00	1842.98	1822.28	2700	2754	47.97	105.71	182.90	
								3021
1352.00	1846.00	1825.30	2700	2755	47.89	105.54	182.61	
								3028
1354.00	1849.03	1828.33	2701	2755	47.80	105.36	182.32	
								3041
1356.00	1852.07	1831.37	2701	2756	47.72	105.18	182.03	
								3119
1358.00	1855.19	1834.49	2702	2756	47.63	105.00	181.72	
								3020
1360.00	1858.21	1837.51	2702	2757	47.55	104.82	181.43	
								2960
1362.00	1861.17	1840.47	2703	2757	47.47	104.66	181.16	
								2942
1364.00	1864.11	1843.41	2703	2757	47.40	104.50	180.89	
								3062
1366.00	1867.17	1846.47	2703	2758	47.31	104.32	180.60	
								2990
1368.00	1870.16	1849.46	2704	2758	47.24	104.15	180.32	
								3076
1370.00	1873.24	1852.54	2704	2758	47.15	103.97	180.03	
								3041
1372.00	1876.28	1855.58	2705	2759	47.07	103.80	179.74	
								3054
1374.00	1879.33	1858.63	2705	2759	46.99	103.63	179.46	
								3022
1376.00	1882.36	1861.66	2706	2760	46.91	103.46	179.18	
								3036
1378.00	1885.39	1864.69	2706	2760	46.83	103.29	178.90	
								3035
1380.00	1888.43	1867.73	2707	2761	46.75	103.12	178.61	
								2966
1382.00	1891.39	1870.69	2707	2761	46.68	102.96	178.35	
								2955
1384.00	1894.35	1873.65	2708	2761	46.60	102.80	178.08	
								2955
1386.00	1897.30	1876.60	2708	2761	46.53	102.64	177.82	
								3042
1388.00	1900.35	1879.65	2708	2762	46.45	102.47	177.54	
								3023
1390.00	1903.37	1882.67	2709	2762	46.37	102.31	177.27	

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	1906.59	1885.89	2710	2763	46.28	102.12	176.96	3225
1394.00	1909.62	1888.92	2710	2763	46.20	101.95	176.68	3030
1396.00	1912.73	1892.03	2711	2764	46.12	101.78	176.39	3109
1398.00	1915.74	1895.04	2711	2764	46.05	101.62	176.13	3011
1400.00	1918.78	1898.08	2712	2765	45.97	101.45	175.85	3034
1402.00	1921.83	1901.13	2712	2765	45.89	101.29	175.58	3051
1404.00	1924.86	1904.16	2712	2766	45.82	101.13	175.31	3035
1406.00	1927.89	1907.19	2713	2766	45.74	100.96	175.04	3023
1408.00	1930.90	1910.20	2713	2766	45.67	100.80	174.78	3014
1410.00	1933.99	1913.29	2714	2767	45.59	100.64	174.50	3093
1412.00	1937.08	1916.38	2714	2767	45.51	100.47	174.22	3088
1414.00	1940.11	1919.41	2715	2768	45.43	100.31	173.95	3029
1416.00	1943.20	1922.50	2715	2768	45.36	100.14	173.68	3087
1418.00	1946.24	1925.54	2716	2769	45.28	99.98	173.41	3045
1420.00	1949.32	1928.62	2716	2769	45.20	99.82	173.14	3074
1422.00	1952.35	1931.65	2717	2769	45.13	99.66	172.88	3039
1424.00	1955.43	1934.73	2717	2770	45.05	99.50	172.61	3079
1426.00	1958.60	1937.90	2718	2770	44.97	99.33	172.32	3170
1428.00	1961.76	1941.06	2719	2771	44.89	99.16	172.04	3154
1430.00	1964.84	1944.14	2719	2771	44.82	98.99	171.77	3087
1432.00	1967.99	1947.29	2720	2772	44.74	98.83	171.49	3142
1434.00	1971.15	1950.45	2720	2773	44.66	98.66	171.21	3160
1436.00	1974.27	1953.57	2721	2773	44.58	98.49	170.93	3125
1438.00	1977.33	1956.63	2721	2774	44.51	98.34	170.67	3054

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
								3039
1440.00	1980.37	1959.66	2722	2774	44.44	98.18	170.42	
								3108
1442.00	1983.47	1962.77	2722	2774	44.36	98.02	170.15	
								3252
1444.00	1986.72	1966.02	2723	2775	44.28	97.85	169.85	
								3091
1446.00	1989.82	1969.12	2724	2776	44.21	97.69	169.59	
								3165
1448.00	1992.98	1972.28	2724	2776	44.13	97.52	169.31	
								3112
1450.00	1996.09	1975.39	2725	2777	44.06	97.36	169.05	
								3136
1452.00	1999.23	1978.53	2725	2777	43.98	97.20	168.78	
								3086
1454.00	2002.31	1981.61	2726	2778	43.91	97.05	168.52	
								3214
1456.00	2005.53	1984.83	2726	2778	43.83	96.88	168.24	
								3147
1458.00	2008.67	1987.97	2727	2779	43.75	96.72	167.97	
								3072
1460.00	2011.75	1991.05	2727	2779	43.68	96.56	167.71	
								3138
1462.00	2014.88	1994.18	2728	2780	43.61	96.40	167.45	
								3137
1464.00	2018.02	1997.32	2729	2780	43.53	96.25	167.18	
								3150
1466.00	2021.17	2000.47	2729	2781	43.46	96.09	166.92	
								3095
1468.00	2024.27	2003.57	2730	2781	43.39	95.93	166.66	
								3045
1470.00	2027.31	2006.61	2730	2782	43.32	95.79	166.41	
								3078
1472.00	2030.39	2009.69	2731	2782	43.25	95.64	166.16	
								3290
1474.00	2033.68	2012.98	2731	2783	43.17	95.46	165.88	
								3403
1476.00	2037.08	2016.38	2732	2784	43.08	95.28	165.57	
								3140
1478.00	2040.22	2019.52	2733	2784	43.01	95.13	165.31	
								3127
1480.00	2043.35	2022.65	2733	2785	42.94	94.97	165.05	
								3127
1482.00	2046.47	2025.77	2734	2785	42.87	94.82	164.80	
								3151
1484.00	2049.63	2028.93	2734	2786	42.80	94.66	164.54	
								3109
1486.00	2052.73	2032.03	2735	2786	42.73	94.51	164.29	

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
								3089
1488.00	2055.82	2035.12	2735	2787	42.66	94.37	164.04	
								3068
1490.00	2058.89	2038.19	2736	2787	42.59	94.22	163.80	
								3078
1492.00	2061.97	2041.27	2736	2787	42.52	94.08	163.55	
								3117
1494.00	2065.09	2044.39	2737	2788	42.45	93.93	163.30	
								3178
1496.00	2068.27	2047.57	2737	2789	42.38	93.77	163.05	
								3065
1498.00	2071.33	2050.63	2738	2789	42.32	93.63	162.81	
								3145
1500.00	2074.48	2053.78	2738	2789	42.25	93.48	162.55	
								3092
1502.00	2077.57	2056.87	2739	2790	42.18	93.33	162.31	
								3029
1504.00	2080.60	2059.90	2739	2790	42.11	93.20	162.08	
								3036
1506.00	2083.63	2062.93	2740	2791	42.05	93.06	161.85	
								3458
1508.00	2087.09	2066.39	2741	2791	41.97	92.88	161.55	
								3294
1510.00	2090.38	2069.68	2741	2792	41.89	92.71	161.27	
								2964
1512.00	2093.35	2072.65	2742	2792	41.83	92.58	161.05	
								2948
1514.00	2096.30	2075.60	2742	2793	41.77	92.45	160.84	
								3538
1516.00	2099.84	2079.13	2743	2794	41.68	92.27	160.52	
								3106
1518.00	2102.94	2082.24	2743	2794	41.62	92.13	160.29	
								3020
1520.00	2105.96	2085.26	2744	2795	41.55	91.99	160.06	
								3223
1522.00	2109.18	2088.48	2744	2795	41.48	91.84	159.80	
								3412
1524.00	2112.60	2091.90	2745	2796	41.40	91.67	159.52	
								3354
1526.00	2115.95	2095.25	2746	2797	41.33	91.50	159.24	
								2827
1528.00	2118.78	2098.08	2746	2797	41.27	91.39	159.05	
								3397
1530.00	2122.17	2101.47	2747	2798	41.20	91.22	158.77	
								2998
1532.00	2125.17	2104.47	2747	2798	41.14	91.09	158.55	
								2707
1534.00	2127.88	2107.18	2747	2798	41.09	90.99	158.37	

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	2130.64	2109.94	2747	2798	41.04	90.88	158.19	2763
1538.00	2133.37	2112.67	2747	2798	40.99	90.77	158.01	2728
1540.00	2136.14	2115.44	2747	2798	40.94	90.66	157.83	2773
1542.00	2138.92	2118.22	2747	2798	40.88	90.55	157.65	2780
1544.00	2141.67	2120.97	2747	2798	40.84	90.44	157.47	2750
1546.00	2144.58	2123.88	2748	2798	40.78	90.32	157.27	2909
1548.00	2147.31	2126.61	2748	2798	40.73	90.22	157.09	2728
1550.00	2150.08	2129.38	2748	2798	40.68	90.11	156.91	2770
1552.00	2152.98	2132.28	2748	2798	40.63	89.99	156.72	2905
1554.00	2155.82	2135.12	2748	2798	40.57	89.88	156.53	2832
1556.00	2158.60	2137.90	2748	2798	40.52	89.77	156.35	2788
1558.00	2161.35	2140.65	2748	2798	40.47	89.67	156.17	2743
1560.00	2164.10	2143.40	2748	2798	40.42	89.56	156.00	2753
1562.00	2166.83	2146.13	2748	2798	40.38	89.46	155.82	2731
1564.00	2169.58	2148.88	2748	2798	40.33	89.36	155.65	2750
1566.00	2172.40	2151.70	2748	2798	40.28	89.25	155.46	2815
1568.00	2175.43	2154.73	2748	2798	40.22	89.12	155.25	3031
1570.00	2178.41	2157.71	2749	2798	40.16	89.00	155.05	2985
1572.00	2181.53	2160.83	2749	2799	40.10	88.86	154.82	3118
1574.00	2184.58	2163.88	2750	2799	40.04	88.74	154.61	3051
1576.00	2187.67	2166.97	2750	2799	39.98	88.61	154.39	3084
1578.00	2190.64	2169.94	2750	2800	39.92	88.48	154.18	2975
1580.00	2193.65	2172.95	2751	2800	39.87	88.36	153.98	3008
1582.00	2196.58	2175.88	2751	2800	39.81	88.25	153.78	2928

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	2199.44	2178.74	2751	2800	39.76	88.14	153.60	2858
1586.00	2202.38	2181.68	2751	2800	39.71	88.02	153.40	2947
1588.00	2205.20	2184.50	2751	2800	39.66	87.91	153.22	2822
1590.00	2208.11	2187.41	2751	2800	39.61	87.80	153.03	2910
1592.00	2210.99	2190.29	2752	2800	39.55	87.69	152.85	2877
1594.00	2213.94	2193.24	2752	2801	39.50	87.57	152.65	2949
1596.00	2216.82	2196.12	2752	2801	39.45	87.46	152.47	2878
1598.00	2219.73	2199.03	2752	2801	39.40	87.35	152.28	2912
1600.00	2222.62	2201.92	2752	2801	39.35	87.24	152.09	2893
1602.00	2225.47	2204.77	2753	2801	39.30	87.13	151.91	2850
1604.00	2228.28	2207.58	2753	2801	39.25	87.03	151.74	2810
1606.00	2231.07	2210.37	2753	2801	39.20	86.93	151.57	2789
1608.00	2233.88	2213.18	2753	2801	39.15	86.82	151.39	2811
1610.00	2236.72	2216.02	2753	2801	39.10	86.72	151.22	2833
1612.00	2239.70	2219.00	2753	2801	39.05	86.60	151.02	2982
1614.00	2242.69	2221.99	2753	2802	39.00	86.49	150.83	2991
1616.00	2245.67	2224.97	2754	2802	38.94	86.37	150.63	2975
1618.00	2248.66	2227.96	2754	2802	38.89	86.25	150.44	2997
1620.00	2251.63	2230.93	2754	2802	38.84	86.14	150.24	2964
1622.00	2254.58	2233.88	2754	2802	38.79	86.03	150.06	2954
1624.00	2257.55	2236.85	2755	2803	38.73	85.92	149.86	2973
1626.00	2260.64	2239.94	2755	2803	38.68	85.79	149.66	3088
1628.00	2263.79	2243.09	2756	2804	38.62	85.67	149.44	3145
1630.00	2266.78	2246.08	2756	2804	38.57	85.55	149.25	2989

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								3022
1632.00	2269.80	2249.10	2756	2804	38.51	85.44	149.06	
								3077
1634.00	2272.88	2252.18	2757	2804	38.46	85.32	148.85	
								2948
1636.00	2275.82	2255.12	2757	2805	38.40	85.21	148.67	
								3013
1638.00	2278.84	2258.14	2757	2805	38.35	85.09	148.47	
								2941
1640.00	2281.78	2261.08	2757	2805	38.30	84.98	148.29	
								2980
1642.00	2284.76	2264.06	2758	2805	38.25	84.87	148.10	
								2955
1644.00	2287.71	2267.01	2758	2805	38.20	84.76	147.92	
								2915
1646.00	2290.63	2269.93	2758	2806	38.15	84.66	147.74	
								2947
1648.00	2293.58	2272.87	2758	2806	38.10	84.55	147.56	
								2899
1650.00	2296.47	2275.77	2759	2806	38.05	84.44	147.38	
								2932
1652.00	2299.41	2278.71	2759	2806	38.00	84.34	147.20	
								2963
1654.00	2302.37	2281.67	2759	2806	37.95	84.23	147.02	
								2947
1656.00	2305.32	2284.62	2759	2806	37.90	84.12	146.84	
								2952
1658.00	2308.27	2287.57	2759	2807	37.85	84.02	146.66	
								2915
1660.00	2311.18	2290.48	2760	2807	37.81	83.91	146.48	
								3032
1662.00	2314.21	2293.51	2760	2807	37.75	83.80	146.29	
								3102
1664.00	2317.32	2296.62	2760	2807	37.70	83.68	146.09	
								3167
1666.00	2320.48	2299.78	2761	2808	37.64	83.56	145.89	
								3040
1668.00	2323.52	2302.82	2761	2808	37.59	83.45	145.70	
								3020
1670.00	2326.54	2305.84	2761	2808	37.54	83.34	145.51	
								3041
1672.00	2329.58	2308.88	2762	2809	37.49	83.22	145.32	
								3056
1674.00	2332.64	2311.94	2762	2809	37.44	83.11	145.13	
								3050
1676.00	2335.69	2314.99	2763	2809	37.39	83.00	144.94	
								3060
1678.00	2338.75	2318.05	2763	2810	37.33	82.89	144.75	

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
								3056
1680.00	2341.81	2321.11	2763	2810	37.28	82.78	144.56	
								3113
1682.00	2344.92	2324.22	2764	2810	37.23	82.66	144.37	
								3098
1684.00	2348.02	2327.32	2764	2811	37.18	82.55	144.17	
								3019
1686.00	2351.04	2330.34	2764	2811	37.13	82.44	143.99	
								3161
1688.00	2354.20	2333.50	2765	2811	37.07	82.32	143.79	
								3063
1690.00	2357.26	2336.56	2765	2812	37.02	82.21	143.60	
								3071
1692.00	2360.33	2339.63	2766	2812	36.97	82.10	143.42	
								3183
1694.00	2363.51	2342.81	2766	2812	36.91	81.98	143.21	
								3121
1696.00	2366.63	2345.93	2766	2813	36.86	81.87	143.02	
								3222
1698.00	2369.86	2349.16	2767	2813	36.81	81.74	142.81	
								3057
1700.00	2372.91	2352.21	2767	2814	36.76	81.64	142.63	
								3137
1702.00	2376.05	2355.35	2768	2814	36.70	81.52	142.44	
								3151
1704.00	2379.20	2358.50	2768	2814	36.65	81.41	142.24	
								3167
1706.00	2382.37	2361.67	2769	2815	36.60	81.29	142.05	
								3122
1708.00	2385.49	2364.79	2769	2815	36.55	81.18	141.85	
								3252
1710.00	2388.74	2368.04	2770	2816	36.49	81.06	141.65	
								3139
1712.00	2391.88	2371.18	2770	2816	36.44	80.94	141.46	
								3118
1714.00	2395.00	2374.30	2770	2817	36.39	80.83	141.27	
								3014
1716.00	2398.01	2377.31	2771	2817	36.34	80.73	141.09	
								2908
1718.00	2400.92	2380.22	2771	2817	36.29	80.63	140.93	
								2953
1720.00	2403.87	2383.17	2771	2817	36.25	80.53	140.76	
								2909
1722.00	2406.78	2386.08	2771	2817	36.21	80.44	140.60	
								2966
1724.00	2409.75	2389.05	2772	2817	36.16	80.34	140.43	
								3072
1726.00	2412.82	2392.12	2772	2818	36.11	80.23	140.25	

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
								3114
1728.00	2415.93	2395.23	2772	2818	36.06	80.13	140.07	
								3133
1730.00	2419.06	2398.36	2773	2818	36.01	80.02	139.88	
								3312
1732.00	2422.38	2401.68	2773	2819	35.95	79.89	139.68	
								3393
1734.00	2425.77	2405.07	2774	2820	35.89	79.76	139.46	
								3475
1736.00	2429.25	2408.55	2775	2821	35.83	79.63	139.23	
								3742
1738.00	2432.99	2412.29	2776	2822	35.76	79.47	138.96	
								3506
1740.00	2436.49	2415.79	2777	2823	35.70	79.34	138.73	
								3566
1742.00	2440.06	2419.36	2778	2824	35.63	79.20	138.49	
								3572
1744.00	2443.63	2422.93	2779	2825	35.57	79.06	138.25	
								3644
1746.00	2447.28	2426.58	2780	2826	35.50	78.91	138.01	
								3692
1748.00	2450.97	2430.27	2781	2827	35.44	78.76	137.75	
								3537
1750.00	2454.50	2433.80	2781	2828	35.37	78.63	137.52	
								3585
1752.00	2458.09	2437.39	2782	2829	35.31	78.49	137.28	
								3544
1754.00	2461.63	2440.93	2783	2830	35.25	78.35	137.05	
								3752
1756.00	2465.39	2444.69	2784	2831	35.18	78.20	136.79	
								3839
1758.00	2469.23	2448.53	2786	2832	35.11	78.04	136.52	
								3739
1760.00	2472.96	2452.26	2787	2833	35.04	77.89	136.27	
								3632
1762.00	2476.60	2455.90	2788	2834	34.97	77.75	136.03	
								3583
1764.00	2480.18	2459.48	2789	2835	34.91	77.62	135.80	
								3589
1766.00	2483.77	2463.07	2789	2836	34.85	77.48	135.56	
								3692
1768.00	2487.46	2466.76	2790	2838	34.78	77.34	135.32	
								3802
1770.00	2491.26	2470.56	2792	2839	34.71	77.19	135.06	
								3799
1772.00	2495.06	2474.36	2793	2840	34.64	77.04	134.80	
								3692
1774.00	2498.75	2478.05	2794	2841	34.58	76.89	134.56	

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
								3654
1776.00	2502.41	2481.71	2795	2842	34.52	76.76	134.32	3674
1778.00	2506.08	2485.38	2796	2843	34.45	76.62	134.09	3484
1780.00	2509.56	2488.86	2796	2844	34.39	76.49	133.87	3462
1782.00	2513.03	2492.33	2797	2845	34.34	76.37	133.66	3738
1784.00	2516.76	2496.06	2798	2846	34.27	76.23	133.42	3672
1786.00	2520.44	2499.74	2799	2847	34.21	76.09	133.19	3617
1788.00	2524.05	2503.35	2800	2848	34.15	75.96	132.96	3662
1790.00	2527.72	2507.02	2801	2849	34.09	75.82	132.73	3666
1792.00	2531.38	2510.68	2802	2850	34.03	75.69	132.49	3651
1794.00	2535.03	2514.33	2803	2851	33.96	75.55	132.27	3624
1796.00	2538.66	2517.96	2804	2852	33.90	75.42	132.04	3678
1798.00	2542.33	2521.63	2805	2853	33.84	75.29	131.81	3668
1800.00	2546.00	2525.30	2806	2854	33.78	75.15	131.58	3699
1802.00	2549.70	2529.00	2807	2855	33.72	75.02	131.35	3677
1804.00	2553.38	2532.68	2808	2856	33.66	74.88	131.12	3681
1806.00	2557.06	2536.36	2809	2857	33.60	74.75	130.89	3484
1808.00	2560.54	2539.84	2810	2858	33.54	74.63	130.69	3546
1810.00	2564.09	2543.39	2810	2859	33.49	74.51	130.48	3589
1812.00	2567.68	2546.98	2811	2860	33.43	74.38	130.27	

ANALYST: M. SANDERS 16-DEC-85 14:05:34 PROGRAM: GTRFRM 007.E08

SCHLUMBERGER

SYNTHETIC SEISMOGRAM TABLE

COMPANY : ESSO AUSTRALIA LTD.
WELL : DRUMMER #1.
FIELD : WILDCAT.
COUNTY : SUITE 2 RUN 2
STATE : VICTORIA.
COUNTRY : AUSTRALIA
REFERENCE: 540,419

ANALYST: M. SANDERS 16-DEC-85 14:05:34 PROGRAM: GTRFRM 007.E08

SCHLUMBERGER

SYNTHETIC SEISMOGRAM TABLE

COMPANY : ESSO AUSTRALIA LTD.
WELL : DRUMMER #1.
FIELD : WILDCAT.
COUNTY : SUITE 2 RUN 2
STATE : VICTORIA.
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REFERENCE: 540,419

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.003.*
CHAN 2 - DSRD.GRF.007.*
CHAN 3 - INTV.GRF.009.*
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	219.990	M
BOTTOM DEPTH OF PROCESSI	IGESTP	2545.00	M
INITIAL TWO WAY TRAVEL T	INITAU	.240000	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	2985.22	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,008,*LP,*

(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 DENSTIY DA	LAYDEN	:-999.2500	G/C3	30479.7	-	0
USER VELOC (WST)	LAYVEL	: 2083.000	M/S	240.000	-	94.7000
		1480.000		94.7000		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
		2081	2.293					
242.0	222.07			.028	.99923	.02774	.02774	0
		2200	2.293					
244.0	224.27			-.030	.99834	-.02991	-.03068	-.00077
		2072	2.293					
246.0	226.34			-.022	.99786	-.02183	-.02018	.00166
		1983	2.293					
248.0	228.33			.029	.99701	.02915	.02938	.00023
		2102	2.293					
250.0	230.43			.026	.99631	.02629	.02341	-.00288
		2216	2.293					
252.0	232.64			-.031	.99538	-.03052	-.03048	.00004
		2085	2.293					
254.0	234.73			.022	.99489	.02199	.02646	.00447
		2179	2.293					
256.0	236.91			.012	.99475	.01175	.00863	-.00313
		2231	2.293					
258.0	239.14			-.031	.99380	-.03075	-.03243	-.00168
		2097	2.293					
260.0	241.24			-.014	.99362	-.01344	-.00888	.00455
		2041	2.293					
262.0	243.28			.007	.99358	.00673	.00561	-.00112
		2069	2.293					
264.0	245.35			-.006	.99355	-.00550	-.01050	-.00500
		2046	2.293					
266.0	247.39			-.007	.99350	-.00682	-.00346	.00335
		2018	2.293					
268.0	249.41			.005	.99348	.00468	.00677	.00210
		2037	2.293					
270.0	251.45			-.003	.99347	-.00306	-.00631	-.00325
		2025	2.293					
272.0	253.47			-.001	.99347	-.00055	.00094	.00149
		2023	2.293					
274.0	255.50			.010	.99336	.01027	.01240	.00213
		2065	2.293					
276.0	257.56			-.003	.99335	-.00287	-.00536	-.00249
		2053	2.293					
278.0	259.61			.008	.99329	.00783	.00813	.00030
		2086	2.293					
280.0	261.70			-.003	.99328	-.00250	-.00154	.00096
		2075	2.293					
282.0	263.77			.007	.99324	.00655	.00549	-.00107
		2103	2.293					
284.0	265.88			.006	.99321	.00592	.00511	-.00081
		2128	2.293					
286.0	268.01			-.002	.99320	-.00217	-.00132	.00086
		2119	2.293					
288.0	270.12			-.001	.99320	-.00050	-.00103	-.00054
		2117	2.293					

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
290.0	272.24			0	.99320	-.00037	-.00031	.00006
292.0	274.36	2115	2.293	.028	.99242	.02788	.02759	-.00029
294.0	276.59	2237	2.293	-.026	.99175	-.02584	-.02719	-.00135
296.0	278.72	2124	2.293	.004	.99173	.00439	.00801	.00361
298.0	280.86	2142	2.293	-.002	.99172	-.00213	-.00336	-.00122
300.0	282.99	2133	2.293	-.002	.99172	-.00174	-.00360	-.00186
302.0	285.12	2126	2.293	.014	.99152	.01393	.01505	.00112
304.0	287.30	2186	2.293	.002	.99152	.00236	.00391	.00155
306.0	289.50	2197	2.293	.006	.99148	.00587	.00328	-.00260
308.0	291.72	2223	2.293	-.001	.99148	-.00093	.00124	.00217
310.0	293.94	2219	2.293	-.002	.99148	-.00196	-.00055	.00141
312.0	296.15	2210	2.293	.006	.99144	.00626	.00424	-.00202
314.0	298.39	2238	2.293	.004	.99142	.00414	.00410	-.00004
316.0	300.65	2257	2.293	-.011	.99131	-.01068	-.01084	-.00016
318.0	302.86	2209	2.293	.009	.99122	.00928	.00975	.00047
320.0	305.11	2251	2.293	0	.99122	-.00042	-.00168	-.00126
322.0	307.36	2249	2.293	-.001	.99122	-.00106	-.00030	.00076
324.0	309.60	2244	2.293	.013	.99106	.01261	.01360	.00098
326.0	311.90	2302	2.293	.003	.99105	.00332	.00211	-.00122
328.0	314.22	2317	2.293	.003	.99104	.00266	.00295	.00029
330.0	316.55	2330	2.293	-.004	.99103	-.00368	-.00249	.00119
332.0	318.86	2312	2.293	.004	.99101	.00413	.00462	.00048
334.0	321.19	2332	2.293	.004	.99099	.00431	.00181	-.00250
336.0	323.54	2352	2.293	.001	.99099	.00062	.00146	.00084
338.0	325.90	2355	2.293	-.003	.99098	-.00255	-.00192	.00063

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
		2343	2.293					
340.0	328.24			.002	.99098	.00193	.00107	-.00087
		2352	2.293					
342.0	330.60			-.004	.99097	-.00362	-.00358	.00004
		2335	2.293					
344.0	332.93			-.001	.99096	-.00129	-.00113	.00016
		2329	2.293					
346.0	335.26			-.001	.99096	-.00090	.00003	.00092
		2325	2.293					
348.0	337.58			.008	.99090	.00791	.00658	-.00133
		2362	2.293					
350.0	339.95			.003	.99089	.00292	.00342	.00050
		2376	2.293					
352.0	342.32			.001	.99089	.00144	.00209	.00065
		2383	2.293					
354.0	344.71			-.005	.99086	-.00524	-.00559	-.00035
		2358	2.293					
356.0	347.06			.013	.99068	.01332	.01366	.00034
		2422	2.293					
358.0	349.49			.002	.99068	.00187	.00034	-.00153
		2431	2.293					
360.0	351.92			0	.99068	-.00030	.00066	.00097
		2430	2.293					
362.0	354.35			-.001	.99068	-.00098	-.00085	.00013
		2425	2.293					
364.0	356.77			-.004	.99066	-.00418	-.00516	-.00099
		2405	2.293					
366.0	359.18			0	.99066	.00033	-.00046	-.00079
		2406	2.293					
368.0	361.58			-.009	.99058	-.00861	-.00730	.00132
		2365	2.293					
370.0	363.95			.013	.99042	.01274	.01137	-.00137
		2427	2.293					
372.0	366.37			-.002	.99042	-.00220	-.00269	-.00050
		2416	2.293					
374.0	368.79			.003	.99040	.00344	.00464	.00121
		2433	2.293					
376.0	371.22			.001	.99040	.00073	.00057	-.00016
		2436	2.293					
378.0	373.66			-.002	.99040	-.00191	-.00129	.00062
		2427	2.293					
380.0	376.09			.003	.99039	.00302	.00233	-.00069
		2442	2.293					
382.0	378.53			-.005	.99036	-.00509	-.00413	.00096
		2417	2.293					
384.0	380.94			-.001	.99036	-.00143	-.00268	-.00124
		2410	2.293					
386.0	383.35			0	.99036	-.00022	-.00080	-.00058
		2409	2.293					

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
388.0	385.76			.010	.99027	.00978	.00992	.00014
		2457	2.293					
390.0	388.22			-.003	.99026	-.00290	-.00393	-.00103
		2442	2.293					
392.0	390.66			0	.99026	.00034	.00141	.00107
		2444	2.293					
394.0	393.11			-.002	.99025	-.00179	-.00154	.00025
		2435	2.293					
396.0	395.54			.008	.99019	.00805	.00730	-.00075
		2475	2.293					
398.0	398.02			-.002	.99019	-.00153	-.00238	-.00085
		2468	2.293					
400.0	400.48			-.003	.99018	-.00266	-.00171	.00095
		2454	2.293					
402.0	402.94			.005	.99015	.00535	.00486	-.00049
		2481	2.293					
404.0	405.42			.001	.99015	.00081	-.00016	-.00097
		2485	2.293					
406.0	407.90			0	.99015	.00041	.00156	.00115
		2487	2.293					
408.0	410.39			-.004	.99013	-.00402	-.00451	-.00049
		2467	2.293					
410.0	412.86			-.004	.99012	-.00353	-.00336	.00017
		2449	2.293					
412.0	415.31			.005	.99010	.00492	.00398	-.00094
		2474	2.293					
414.0	417.78			-.005	.99007	-.00544	-.00537	.00008
		2447	2.293					
416.0	420.23			.004	.99005	.00372	.00467	.00095
		2465	2.293					
418.0	422.69			-.002	.99005	-.00165	-.00270	-.00105
		2457	2.293					
420.0	425.15			.008	.98999	.00743	.00796	.00053
		2494	2.293					
422.0	427.65			-.004	.98998	-.00409	-.00558	-.00149
		2474	2.293					
424.0	430.12			-.005	.98995	-.00510	-.00299	.00211
		2448	2.293					
426.0	432.57			.015	.98974	.01451	.01356	-.00095
		2521	2.293					
428.0	435.09			-.004	.98972	-.00368	-.00464	-.00096
		2503	2.293					
430.0	437.59			.003	.98971	.00336	.00408	.00072
		2520	2.293					
432.0	440.11			-.013	.98955	-.01264	-.01210	.00054
		2456	2.293					
434.0	442.57			.010	.98945	.00989	.00933	-.00055
		2506	2.293					
436.0	445.07			-.011	.98934	-.01059	-.01252	-.00192

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
		2453	2.293					
438.0	447.53			.005	.98932	.00462	.00693	.00231
		2476	2.293					
440.0	450.00			-.006	.98929	-.00551	-.00784	-.00233
		2448	2.293					
442.0	452.45			-.007	.98924	-.00682	-.00600	.00082
		2415	2.293					
444.0	454.86			.016	.98899	.01556	.01523	-.00033
		2492	2.293					
446.0	457.36			-.001	.98899	-.00115	-.00035	.00080
		2486	2.293					
448.0	459.84			-.016	.98872	-.01629	-.01716	-.00087
		2405	2.293					
450.0	462.25			-.012	.98858	-.01183	-.00901	.00281
		2349	2.293					
452.0	464.60			.029	.98774	.02894	.02781	-.00112
		2490	2.293					
454.0	467.09			.002	.98773	.00170	-.00329	-.00498
		2499	2.293					
456.0	469.58			-.018	.98743	-.01744	-.01268	.00476
		2412	2.293					
458.0	472.00			.003	.98742	.00315	.00463	.00148
		2427	2.293					
460.0	474.42			.001	.98741	.00071	-.00344	-.00415
		2431	2.293					
462.0	476.85			.001	.98741	.00143	.00103	-.00040
		2438	2.293					
464.0	479.29			.001	.98741	.00087	.00419	.00331
		2442	2.293					
466.0	481.74			.015	.98718	.01509	.01314	-.00195
		2518	2.293					
468.0	484.25			.005	.98716	.00491	.00113	-.00377
		2543	2.293					
470.0	486.80			-.019	.98681	-.01846	-.01360	.00486
		2450	2.293					
472.0	489.25			.003	.98680	.00310	.00364	.00054
		2465	2.293					
474.0	491.71			-.004	.98679	-.00371	-.00627	-.00256
		2447	2.293					
476.0	494.16			.014	.98659	.01412	.01377	-.00034
		2518	2.293					
478.0	496.68			-.013	.98643	-.01258	-.01244	.00014
		2455	2.293					
480.0	499.13			.011	.98630	.01112	.01264	.00151
		2511	2.293					
482.0	501.64			-.029	.98546	-.02887	-.03140	-.00254
		2368	2.293					
484.0	504.01			-.025	.98485	-.02446	-.01949	.00497
		2253	2.293					

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
486.0	506.26			.024	.98429	.02337	.02096	-.00240
488.0	508.63	2363	2.293	.004	.98428	.00369	.00092	-.00278
490.0	511.01	2380	2.293	-.009	.98420	-.00890	-.00956	-.00067
492.0	513.34	2338	2.293	-.014	.98400	-.01404	-.00724	.00680
494.0	515.62	2272	2.293	.040	.98239	.03983	.03752	-.00232
496.0	518.08	2464	2.293	-.028	.98163	-.02730	-.03356	-.00626
498.0	520.41	2330	2.293	-.007	.98158	-.00656	.00295	.00951
500.0	522.71	2299	2.293	.056	.97852	.05485	.05298	-.00187
502.0	525.28	2572	2.293	-.021	.97808	-.02080	-.02912	-.00833
504.0	527.75	2465	2.293	-.016	.97784	-.01522	-.01140	.00382
506.0	530.13	2389	2.293	.025	.97725	.02414	.03172	.00758
508.0	532.64	2510	2.293	.006	.97721	.00606	-.00618	-.01224
510.0	535.19	2541	2.293	-.047	.97507	-.04572	-.04465	.00106
512.0	537.50	2314	2.293	.005	.97504	.00492	.01714	.01223
514.0	539.84	2338	2.293	.041	.97337	.04045	.02779	-.01266
516.0	542.38	2540	2.293	-.016	.97312	-.01556	-.01860	-.00305
518.0	544.84	2460	2.293	.015	.97289	.01491	.02778	.01287
520.0	547.37	2537	2.293	.029	.97204	.02869	.02773	-.00095
522.0	550.07	2691	2.293	-.043	.97028	-.04137	-.04954	-.00817
524.0	552.54	2471	2.293	.047	.96818	.04521	.05666	.01146
526.0	555.25	2713	2.293	-.079	.96215	-.07636	-.07860	-.00224
528.0	557.57	2316	2.293	.056	.95910	.05420	.04689	-.00731
530.0	560.16	2593	2.293	-.065	.95508	-.06206	-.06076	.00130
532.0	562.44	2277	2.293	.054	.95225	.05199	.05475	.00276
534.0	564.98	2540	2.293	.031	.95132	.02979	.02606	-.00373

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR IOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
		2704	2,293					
536.0	567.68	2799	2,293	.017	.95104	.01652	.02210	.00558
538.0	570.48	2879	2,293	.014	.95085	.01331	.01216	-.00116
540.0	573.36	2844	2,293	-.006	.95081	-.00579	.00182	.00761
542.0	576.20	2845	2,293	0	.95081	.00028	-.00800	-.00828
544.0	579.05	2910	2,293	.011	.95070	.01062	.01618	.00556
546.0	581.96	2868	2,293	-.007	.95065	-.00681	-.01227	-.00546
548.0	584.82	2787	2,293	-.014	.95045	-.01365	-.01280	.00085
550.0	587.61	2862	2,293	.013	.95029	.01253	.01179	-.00074
552.0	590.47	2972	2,293	.019	.94994	.01806	.01436	-.00370
554.0	593.45	2830	2,293	-.025	.94937	-.02334	-.01614	.00721
556.0	596.28	2809	2,293	-.004	.94936	-.00345	-.00186	.00159
558.0	599.08	2979	2,293	.029	.94854	.02785	.02564	-.00221
560.0	602.06	2868	2,293	-.019	.94820	-.01800	-.01931	-.00131
562.0	604.93	2920	2,293	.009	.94812	.00842	.01196	.00354
564.0	607.85	2843	2,293	-.013	.94795	-.01268	-.01003	.00264
566.0	610.69	2951	2,293	.019	.94762	.01782	.00932	-.00850
568.0	613.65	3021	2,293	.012	.94749	.01103	.01689	.00586
570.0	616.67	2906	2,293	-.019	.94713	-.01836	-.01831	.00004
572.0	619.57	2902	2,293	-.001	.94713	-.00062	-.00414	-.00352
574.0	622.48	2914	2,293	.002	.94713	.00186	.00607	.00421
576.0	625.39	2889	2,293	-.004	.94711	-.00400	-.01089	-.00690
578.0	628.28	2918	2,293	.005	.94709	.00463	.01146	.00683
580.0	631.20	2940	2,293	.004	.94708	.00358	-.00385	-.00743
582.0	634.14	2928	2,293	-.002	.94707	-.00189	.00364	.00553

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
584.0	637.06			.010	.94698	.00955	.00306	-.00650
586.0	640.05	2988	2.293	-.013	.94681	-.01277	-.01208	.00069
588.0	642.96	2908	2.293	.026	.94615	.02487	.02711	.00224
590.0	646.03	3065	2.293	-.008	.94610	-.00719	-.00703	.00016
592.0	649.04	3019	2.293	-.004	.94608	-.00411	-.00395	.00017
594.0	652.04	2993	2.293	-.013	.94592	-.01233	-.00977	.00256
596.0	654.95	2916	2.293	-.005	.94590	-.00457	-.00838	-.00381
598.0	657.84	2888	2.293	.039	.94444	.03707	.03581	-.00126
600.0	660.96	3123	2.293	-.028	.94369	-.02674	-.02518	.00156
602.0	663.92	2951	2.293	.002	.94368	.00145	-.00241	-.00386
604.0	666.88	2961	2.293	.004	.94367	.00349	.00857	.00508
606.0	669.86	2983	2.293	.002	.94367	.00198	-.00438	-.00637
608.0	672.85	2995	2.293	.003	.94366	.00256	.00479	.00223
610.0	675.87	3011	2.293	-.025	.94306	-.02373	-.02181	.00192
612.0	678.73	2864	2.293	.007	.94301	.00700	.00385	-.00315
614.0	681.64	2907	2.293	-.002	.94301	-.00226	-.00185	.00041
616.0	684.53	2893	2.293	.005	.94298	.00474	.00357	-.00117
618.0	687.45	2922	2.293	.022	.94254	.02048	.02064	.00016
620.0	690.50	3052	2.293	-.004	.94252	-.00420	-.00397	.00022
622.0	693.53	3024	2.293	-.007	.94248	-.00644	-.00578	.00066
624.0	696.51	2983	2.293	.022	.94203	.02048	.01936	-.00111
626.0	699.63	3116	2.293	-.027	.94135	-.02525	-.02572	-.00048
628.0	702.58	2953	2.293	.023	.94087	.02137	.02161	.00024
630.0	705.67	3090	2.293	-.010	.94077	-.00979	-.01242	-.00262
632.0	708.70	3027	2.293	0	.94077	-.00016	-.00338	-.00322

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
		3026	2.293					
634.0	711.72			.003	.94076	.00245	.00699	.00454
		3042	2.293					
636.0	714.76			-.003	.94075	-.00302	-.00482	-.00180
		3022	2.293					
638.0	717.79			-.002	.94075	-.00231	-.00019	.00212
		3007	2.293					
640.0	720.79			-.004	.94073	-.00399	-.00611	-.00213
		2982	2.293					
642.0	723.77			.009	.94066	.00805	.01048	.00243
		3033	2.293					
644.0	726.81			-.036	.93945	-.03379	-.03551	-.00172
		2823	2.293					
646.0	729.63			.043	.93772	.04030	.04334	.00304
		3076	2.293					
648.0	732.71			-.019	.93738	-.01776	-.02075	-.00299
		2962	2.293					
650.0	735.67			-.016	.93714	-.01519	-.02001	-.00482
		2867	2.293					
652.0	738.54			.014	.93696	.01270	.01773	.00502
		2946	2.293					
654.0	741.48			.014	.93678	.01295	.00804	-.00491
		3029	2.293					
656.0	744.51			.014	.93659	.01347	.01148	-.00199
		3117	2.293					
658.0	747.63			-.010	.93650	-.00931	-.00161	.00771
		3056	2.293					
660.0	750.68			.003	.93649	.00257	.00360	.00103
		3073	2.293					
662.0	753.76			-.005	.93647	-.00461	-.01129	-.00667
		3042	2.293					
664.0	756.80			.017	.93621	.01562	.02171	.00609
		3146	2.293					
666.0	759.94			.002	.93620	.00171	-.00286	-.00457
		3157	2.293					
668.0	763.10			-.018	.93590	-.01689	-.01695	-.00006
		3045	2.293					
670.0	766.15			-.016	.93566	-.01509	-.01573	-.00063
		2949	2.293					
672.0	769.09			.010	.93555	.00980	.00981	.00001
		3011	2.293					
674.0	772.11			-.009	.93548	-.00822	-.00876	-.00054
		2959	2.293					
676.0	775.06			-.017	.93522	-.01561	-.01661	-.00099
		2861	2.293					
678.0	777.93			.016	.93497	.01522	.02340	.00818
		2956	2.293					
680.0	780.88			.027	.93429	.02525	.01089	-.01435
		3120	2.293					

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
682.0	784.00			-.035	.93315	-.03271	-.02188	.01083
		2909	2.293					
684.0	786.91			.011	.93303	.01020	.01070	.00050
		2973	2.293					
686.0	789.88			-.021	.93262	-.01966	-.02303	-.00337
		2851	2.293					
688.0	792.74			.010	.93253	.00913	.00747	-.00166
		2907	2.293					
690.0	795.64			.004	.93252	.00344	.00358	.00014
		2929	2.293					
692.0	798.57			.015	.93232	.01363	.01227	-.00136
		3015	2.293					
694.0	801.59			.040	.93083	.03725	.03513	-.00213
		3267	2.293					
696.0	804.85			-.014	.93065	-.01303	-.00118	.01185
		3176	2.293					
698.0	808.03			.006	.93061	.00556	-.00523	-.01079
		3215	2.293					
700.0	811.24			-.018	.93032	-.01662	-.01256	.00406
		3102	2.293					
702.0	814.35			-.043	.92862	-.03978	-.03825	.00153
		2847	2.293					
704.0	817.19			.012	.92849	.01079	.00341	-.00737
		2914	2.293					
706.0	820.11			.027	.92781	.02521	.02487	-.00035
		3077	2.293					
708.0	823.18			.022	.92737	.02005	.01900	-.00106
		3213	2.293					
710.0	826.40			.007	.92733	.00631	.01865	.01234
		3257	2.293					
712.0	829.65			.002	.92733	.00175	-.00279	-.00455
		3269	2.293					
714.0	832.92			-.002	.92732	-.00153	-.00187	-.00034
		3259	2.293					
716.0	836.18			-.018	.92701	-.01710	-.00751	.00959
		3141	2.293					
718.0	839.32			.028	.92628	.02599	.01459	-.01140
		3322	2.293					
720.0	842.64			-.044	.92447	-.04091	-.03893	.00198
		3041	2.293					
722.0	845.68			-.019	.92415	-.01724	-.01940	-.00217
		2929	2.293					
724.0	848.61			0	.92415	-.00036	.00188	.00224
		2927	2.293					
726.0	851.54			0	.92415	.00044	-.01032	-.01075
		2930	2.293					
728.0	854.47			.010	.92406	.00937	.01527	.00589
		2990	2.293					
730.0	857.46			.008	.92400	.00746	.01357	.00612

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
		3039	2.293					
732.0	860.50			-.008	.92393	-.00765	-.01597	-.00832
		2989	2.293					
734.0	863.49			-.041	.92240	-.03766	-.02812	.00955
		2755	2.293					
736.0	866.24			.043	.92071	.03941	.03915	-.00026
		3000	2.293					
738.0	869.24			-.021	.92031	-.01924	-.02293	-.00369
		2878	2.293					
740.0	872.12			.011	.92019	.01038	.00305	-.00732
		2943	2.293					
742.0	875.06			-.001	.92019	-.00059	.01203	.01262
		2939	2.293					
744.0	878.00			-.008	.92014	-.00715	-.01148	-.00433
		2894	2.293					
746.0	880.90			-.016	.91991	-.01441	-.02747	-.01306
		2805	2.293					
748.0	883.70			.033	.91892	.03025	.04494	.01469
		2996	2.293					
750.0	886.70			.007	.91887	.00685	.00180	-.00504
		3041	2.293					
752.0	889.74			0	.91887	-.00041	-.00065	-.00023
		3038	2.293					
754.0	892.78			-.013	.91872	-.01159	-.00871	.00288
		2962	2.293					
756.0	895.74			.002	.91872	.00195	.00166	-.00029
		2975	2.293					
758.0	898.71			.002	.91871	.00202	.00287	.00084
		2988	2.293					
760.0	901.70			-.008	.91866	-.00709	-.01571	-.00862
		2942	2.293					
762.0	904.64			.005	.91863	.00498	.01561	.01063
		2974	2.293					
764.0	907.62			.001	.91863	.00072	-.00769	-.00841
		2979	2.293					
766.0	910.60			.002	.91863	.00199	.00897	.00698
		2992	2.293					
768.0	913.59			-.023	.91814	-.02122	-.02296	-.00174
		2857	2.293					
770.0	916.44			-.023	.91766	-.02083	-.01900	.00183
		2730	2.293					
772.0	919.17			.004	.91765	.00364	-.00091	-.00455
		2754	2.290					
774.0	921.93			.023	.91717	.02090	.01211	-.00879
		2876	2.296					
776.0	924.80			-.002	.91717	-.00145	.01730	.01876
		2900	2.270					
778.0	927.70			.013	.91702	.01183	-.00074	-.01257
		2926	2.308					

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
780.0	930.63			-.017	.91674	-.01604	-.01169	.00435
		2870	2.272					
782.0	933.50			.002	.91673	.00215	.00366	.00151
		2859	2.291					
784.0	936.36			.013	.91657	.01210	.01431	.00221
		2925	2.300					
786.0	939.28			.018	.91629	.01617	.01805	.00188
		3033	2.298					
788.0	942.32			.042	.91467	.03846	.03341	-.00505
		3298	2.298					
790.0	945.61			-.056	.91175	-.05166	-.03962	.01203
		2956	2.290					
792.0	948.57			-.015	.91154	-.01392	-.02779	-.01387
		2879	2.280					
794.0	951.45			-.004	.91153	-.00349	-.00129	.00220
		2863	2.276					
796.0	954.31			.011	.91142	.00991	.00643	-.00347
		2927	2.275					
798.0	957.24			.018	.91114	.01595	.01169	-.00426
		3012	2.289					
800.0	960.25			-.016	.91091	-.01467	-.00780	.00687
		2929	2.280					
802.0	963.18			-.023	.91042	-.02093	-.02601	-.00509
		2796	2.280					
804.0	965.98			.014	.91025	.01260	.01800	.00540
		2846	2.304					
806.0	968.82			.003	.91024	.00280	.01176	.00896
		2869	2.299					
808.0	971.69			.005	.91022	.00468	-.00313	-.00781
		2923	2.280					
810.0	974.62			.020	.90986	.01799	.02647	.00848
		3030	2.288					
812.0	977.65			.002	.90986	.00209	-.02108	-.02317
		3043	2.289					
814.0	980.69			-.017	.90958	-.01580	.00695	.02274
		2937	2.291					
816.0	983.63			-.014	.90941	-.01251	-.02759	-.01509
		2856	2.292					
818.0	986.48			.025	.90884	.02287	.02663	.00376
		3002	2.293					
820.0	989.48			-.012	.90870	-.01129	-.01311	-.00182
		2927	2.294					
822.0	992.41			.020	.90834	.01795	.02386	.00591
		3043	2.295					
824.0	995.45			.038	.90705	.03424	.03482	.00058
		3280	2.296					
826.0	998.73			-.037	.90580	-.03374	-.03857	-.00483
		3043	2.298					
828.0	1001.78			-.022	.90537	-.01953	-.01647	.00306

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
		2913	2.299					
830.0	1004.69			.026	.90478	.02329	.02558	.00229
		3066	2.300					
832.0	1007.76			-.014	.90460	-.01278	-.02376	-.01098
		2979	2.301					
834.0	1010.74			.001	.90459	.00062	.00683	.00622
		2981	2.302					
836.0	1013.72			.021	.90419	.01908	.01803	-.00105
		3108	2.303					
838.0	1016.82			.001	.90419	.00116	-.00002	-.00118
		3114	2.305					
840.0	1019.94			-.009	.90412	-.00825	-.00761	.00064
		3057	2.306					
842.0	1023.00			.020	.90376	.01797	.02729	.00932
		3179	2.307					
844.0	1026.17			.002	.90375	.00173	-.00722	-.00896
		3189	2.308					
846.0	1029.36			-.007	.90370	-.00675	-.01184	-.00509
		3140	2.309					
848.0	1032.50			-.006	.90368	-.00515	.00715	.01230
		3103	2.311					
850.0	1035.61			-.008	.90362	-.00706	-.01737	-.01031
		3053	2.312					
852.0	1038.66			-.013	.90346	-.01208	-.01366	-.00158
		2971	2.313					
854.0	1041.63			-.011	.90335	-.00991	.00121	.01112
		2906	2.314					
856.0	1044.54			.002	.90335	.00198	-.00741	-.00939
		2917	2.315					
858.0	1047.45			-.010	.90326	-.00869	-.01473	-.00604
		2860	2.316					
860.0	1050.31			.019	.90294	.01697	.02488	.00791
		2968	2.318					
862.0	1053.28			.007	.90290	.00623	.00445	-.00179
		3008	2.319					
864.0	1056.29			.005	.90288	.00457	.00820	.00364
		3037	2.320					
866.0	1059.33			-.018	.90260	-.01585	-.01514	.00071
		2931	2.321					
868.0	1062.26			.008	.90254	.00745	.00786	.00040
		2978	2.322					
870.0	1065.24			.017	.90228	.01528	.00954	-.00574
		3079	2.323					
872.0	1068.31			.014	.90210	.01283	.00966	-.00317
		3166	2.325					
874.0	1071.48			.002	.90209	.00171	.01114	.00942
		3176	2.326					
876.0	1074.66			-.011	.90198	-.00999	-.01323	-.00324
		3105	2.327					

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
878.0	1077.76			-.007	.90193	-.00656	-.01103	-.00446
880.0	1080.82	3059	2.328	-.012	.90181	-.01040	-.00213	.00827
882.0	1083.81	2988	2.329	.012	.90168	.01108	-.00370	-.01478
884.0	1086.87	3060	2.331	-.003	.90167	-.00236	.00313	.00550
886.0	1089.91	3043	2.332	-.009	.90159	-.00854	-.00984	-.00129
888.0	1092.90	2984	2.333	.012	.90147	.01059	.01952	.00893
890.0	1095.95	3054	2.334	.013	.90131	.01190	.01339	.00148
892.0	1099.08	3134	2.335	-.001	.90131	-.00104	-.01194	-.01090
894.0	1102.21	3125	2.336	.003	.90130	.00248	.01256	.01008
896.0	1105.35	3140	2.338	-.009	.90122	-.00840	-.01632	-.00792
898.0	1108.43	3081	2.339	-.004	.90121	-.00383	.00292	.00675
900.0	1111.48	3053	2.340	.016	.90097	.01452	.01163	-.00289
902.0	1114.63	3152	2.341	.006	.90094	.00571	.00401	-.00170
904.0	1117.82	3190	2.342	-.003	.90093	-.00279	.00386	.00665
906.0	1120.99	3169	2.344	-.021	.90054	-.01876	-.02366	-.00490
908.0	1124.03	3038	2.345	-.007	.90050	-.00603	-.00734	-.00131
910.0	1127.03	2996	2.346	.013	.90035	.01167	.02096	.00929
912.0	1130.10	3073	2.347	.008	.90029	.00743	-.00937	-.01680
914.0	1133.22	3123	2.348	.015	.90008	.01362	.02693	.01332
916.0	1136.44	3217	2.350	.001	.90008	.00112	-.00847	-.00959
918.0	1139.66	3223	2.351	-.003	.90007	-.00244	.00480	.00724
920.0	1142.87	3204	2.352	-.004	.90005	-.00391	-.01148	-.00757
922.0	1146.04	3175	2.353	.004	.90004	.00342	.01156	.00814
924.0	1149.24	3197	2.355	-.004	.90003	-.00319	-.00480	-.00161
926.0	1152.41	3173	2.356	.007	.89999	.00618	-.00456	-.01074

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
		3215	2.357					
928.0	1155.63			-.001	.89999	-.00059	.01908	.01967
		3209	2.358					
930.0	1158.84			.062	.89652	.05589	.03512	-.02077
		3632	2.360					
932.0	1162.47			-.048	.89443	-.04326	-.02830	.01496
		3296	2.361					
934.0	1165.77			-.018	.89415	-.01583	-.02251	-.00668
		3180	2.362					
936.0	1168.95			.009	.89407	.00809	.01909	.01099
		3236	2.364					
938.0	1172.18			-.003	.89407	-.00285	-.01307	-.01022
		3214	2.365					
940.0	1175.40			.013	.89392	.01128	.00507	-.00621
		3294	2.366					
942.0	1178.69			-.018	.89364	-.01586	-.00127	.01460
		3178	2.367					
944.0	1181.87			.012	.89351	.01082	-.00058	-.01140
		3254	2.369					
946.0	1185.12			.005	.89348	.00485	.00819	.00335
		3288	2.370					
948.0	1188.41			.006	.89345	.00565	.01551	.00986
		3328	2.371					
950.0	1191.74			-.014	.89327	-.01266	-.01118	.00148
		3233	2.372					
952.0	1194.97			.026	.89267	.02324	.01170	-.01154
		3404	2.374					
954.0	1198.37			-.002	.89266	-.00151	-.00019	.00132
		3390	2.375					
956.0	1201.76			.002	.89266	.00192	.00146	-.00046
		3403	2.376					
958.0	1205.17			-.003	.89265	-.00269	-.00172	.00097
		3381	2.378					
960.0	1208.55			-.021	.89226	-.01869	-.01928	-.00059
		3240	2.379					
962.0	1211.79			0	.89226	-.00038	.00162	.00200
		3236	2.380					
964.0	1215.02			-.008	.89219	-.00756	-.01600	-.00844
		3180	2.381					
966.0	1218.20			.022	.89177	.01954	.02595	.00641
		3321	2.383					
968.0	1221.53			-.009	.89169	-.00811	-.01438	-.00626
		3259	2.384					
970.0	1224.78			-.011	.89158	-.00996	.00360	.01356
		3185	2.385					
972.0	1227.97			.024	.89108	.02121	.00289	-.01832
		3339	2.386					
974.0	1231.31			-.037	.88986	-.03299	-.02402	.00897
		3099	2.388					

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
976.0	1234.41			.003	.88985	.00302	-.00240	-.00542
		3118	2.389					
978.0	1237.53			.030	.88903	.02695	.02619	-.00076
		3311	2.390					
980.0	1240.84			.014	.88887	.01202	.02898	.01697
		3400	2.391					
982.0	1244.24			-.001	.88887	-.00095	-.01216	-.01121
		3391	2.393					
984.0	1247.63			-.009	.88879	-.00797	.00165	.00962
		3329	2.394					
986.0	1250.96			.027	.88814	.02407	.01603	-.00804
		3513	2.395					
988.0	1254.47			.019	.88782	.01687	.01492	-.00195
		3646	2.397					
990.0	1258.12			-.018	.88754	-.01570	-.02770	-.01200
		3518	2.398					
992.0	1261.63			-.025	.88700	-.02199	-.01264	.00935
		3346	2.399					
994.0	1264.98			.011	.88689	.00980	.01667	.00687
		3419	2.401					
996.0	1268.40			.005	.88687	.00428	-.00287	-.00715
		3450	2.402					
998.0	1271.85			.034	.88582	.03057	.04147	.01089
		3694	2.403					
1000.0	1275.54			-.014	.88564	-.01247	-.00951	.00296
		3589	2.405					
1002.0	1279.13			-.026	.88503	-.02326	-.03857	-.01530
		3404	2.406					
1004.0	1282.54			-.028	.88435	-.02460	-.02160	.00300
		3216	2.409					
1006.0	1285.75			.030	.88357	.02617	.03189	.00571
		3387	2.427					
1008.0	1289.14			.025	.88304	.02175	.01014	-.01162
		3570	2.419					
1010.0	1292.71			-.001	.88303	-.00098	-.00652	-.00554
		3569	2.414					
1012.0	1296.28			.008	.88298	.00721	.01815	.01094
		3603	2.431					
1014.0	1299.88			0	.88298	-.00025	.00031	.00056
		3608	2.426					
1016.0	1303.49			.012	.88286	.01024	.01098	.00074
		3685	2.431					
1018.0	1307.17			.177	.85525	.15612	.17389	.01777
		4933	2.596					
1020.0	1312.11			-.173	.82959	-.14815	-.15536	-.00721
		3685	2.449					
1022.0	1315.79			-.026	.82901	-.02189	-.02312	-.00124
		3542	2.417					
1024.0	1319.33			0	.82901	-.00017	-.01145	-.01128

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
		3544	2.415					
1026.0	1322.88			-.004	.82900	-.00345	-.00302	.00043
		3493	2.429					
1028.0	1326.37			-.014	.82883	-.01168	-.02201	-.01033
		3395	2.430					
1030.0	1329.77			-.012	.82871	-.00988	.01231	.02219
		3317	2.428					
1032.0	1333.08			.002	.82871	.00154	-.02387	-.02541
		3330	2.428					
1034.0	1336.41			.003	.82870	.00250	.01617	.01368
		3350	2.428					
1036.0	1339.76			.009	.82864	.00740	-.00084	-.00824
		3410	2.428					
1038.0	1343.17			0	.82864	-.00025	.01167	.01192
		3408	2.429					
1040.0	1346.58			.004	.82862	.00309	-.00163	-.00473
		3433	2.429					
1042.0	1350.01			-.002	.82862	-.00167	-.00502	-.00335
		3419	2.429					
1044.0	1353.43			.002	.82862	.00201	.00911	.00710
		3436	2.429					
1046.0	1356.87			-.014	.82846	-.01145	-.02677	-.01532
		3342	2.429					
1048.0	1360.21			-.019	.82816	-.01570	-.01269	.00301
		3218	2.429					
1050.0	1363.43			.022	.82776	.01827	.01799	-.00028
		3363	2.429					
1052.0	1366.79			.008	.82770	.00694	.00418	-.00276
		3420	2.429					
1054.0	1370.21			-.019	.82739	-.01609	-.01147	.00462
		3289	2.429					
1056.0	1373.50			.006	.82736	.00456	.00392	-.00065
		3326	2.429					
1058.0	1376.83			.008	.82731	.00682	.00355	-.00327
		3381	2.429					
1060.0	1380.21			-.019	.82701	-.01576	-.01762	-.00186
		3254	2.429					
1062.0	1383.46			.033	.82612	.02706	.03226	.00520
		3474	2.429					
1064.0	1386.94			-.027	.82552	-.02230	-.01718	.00513
		3292	2.429					
1066.0	1390.23			.007	.82548	.00589	.00315	-.00274
		3339	2.429					
1068.0	1393.57			.003	.82547	.00229	.00874	.00645
		3357	2.430					
1070.0	1396.92			-.029	.82478	-.02382	-.04100	-.01718
		3169	2.430					
1072.0	1400.09			.047	.82300	.03838	.04765	.00927
		3478	2.430					

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
1074.0	1403.57			-.031	.82218	-.02589	-.01983	.00606
		3266	2.430					
1076.0	1406.84			.020	.82187	.01609	.00302	-.01306
		3396	2.430					
1078.0	1410.23			-.013	.82173	-.01053	-.01004	.00049
		3310	2.430					
1080.0	1413.54			-.009	.82166	-.00768	.00293	.01061
		3249	2.430					
1082.0	1416.79			-.009	.82160	-.00704	-.01933	-.01229
		3193	2.430					
1084.0	1419.99			.026	.82106	.02115	.01651	-.00463
		3362	2.430					
1086.0	1423.35			-.010	.82098	-.00782	.00227	.01008
		3299	2.430					
1088.0	1426.65			-.012	.82086	-.01003	-.00973	.00030
		3219	2.430					
1090.0	1429.87			-.022	.82047	-.01791	-.02252	-.00461
		3081	2.430					
1092.0	1432.95			.011	.82037	.00916	.01213	.00297
		3151	2.430					
1094.0	1436.10			.039	.81912	.03201	.03776	.00575
		3407	2.430					
1096.0	1439.50			-.054	.81674	-.04411	-.05699	-.01288
		3058	2.430					
1098.0	1442.56			.017	.81651	.01373	.01993	.00620
		3163	2.430					
1100.0	1445.73			-.034	.81559	-.02738	-.02259	.00480
		2958	2.431					
1102.0	1448.68			.037	.81447	.03019	.00238	-.02781
		3185	2.431					
1104.0	1451.87			-.004	.81446	-.00320	.01664	.01984
		3160	2.431					
1106.0	1455.03			-.004	.81445	-.00349	-.01216	-.00867
		3133	2.431					
1108.0	1458.16			-.020	.81411	-.01656	-.01031	.00625
		3008	2.431					
1110.0	1461.17			.006	.81408	.00517	.00932	.00415
		3046	2.431					
1112.0	1464.22			.005	.81406	.00371	.00467	.00097
		3074	2.431					
1114.0	1467.29			0	.81406	.00015	-.00841	-.00856
		3075	2.431					
1116.0	1470.37			.029	.81339	.02332	.02702	.00370
		3257	2.431					
1118.0	1473.62			-.017	.81315	-.01395	-.00934	.00461
		3147	2.431					
1120.0	1476.77			-.005	.81313	-.00429	-.00094	.00335
		3113	2.431					
1122.0	1479.88			.004	.81312	.00359	.00205	-.00154

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
		3141	2.431					
1124.0	1483.02			.002	.81311	.00146	-.01327	-.01473
		3152	2.431					
1126.0	1486.18			.008	.81307	.00612	.01722	.01110
		3200	2.431					
1128.0	1489.38			0	.81307	-.00001	-.00139	-.00137
		3200	2.431					
1130.0	1492.58			-.025	.81257	-.02008	-.02159	-.00151
		3045	2.431					
1132.0	1495.62			.011	.81248	.00854	.00929	.00075
		3110	2.431					
1134.0	1498.73			.013	.81235	.01049	.00273	-.00776
		3191	2.432					
1136.0	1501.92			.019	.81205	.01547	.00984	-.00563
		3315	2.432					
1138.0	1505.24			-.027	.81147	-.02179	.00015	.02195
		3142	2.432					
1140.0	1508.38			.012	.81135	.00956	.01461	.00505
		3217	2.432					
1142.0	1511.60			-.024	.81088	-.01957	-.03768	-.01811
		3065	2.432					
1144.0	1514.66			.031	.81010	.02515	.03699	.01184
		3261	2.432					
1146.0	1517.92			-.018	.80983	-.01482	-.01861	-.00379
		3144	2.432					
1148.0	1521.07			.008	.80978	.00661	.00424	-.00236
		3196	2.432					
1150.0	1524.26			-.009	.80970	-.00762	-.00759	.00003
		3136	2.432					
1152.0	1527.40			.010	.80962	.00821	.01585	.00764
		3200	2.432					
1154.0	1530.60			.003	.80961	.00258	-.00141	-.00400
		3220	2.432					
1156.0	1533.82			-.004	.80960	-.00314	-.00085	.00228
		3196	2.432					
1158.0	1537.01			-.018	.80934	-.01452	-.00665	.00787
		3083	2.432					
1160.0	1540.10			.008	.80929	.00643	.00197	-.00446
		3132	2.432					
1162.0	1543.23			-.003	.80928	-.00245	-.01311	-.01067
		3113	2.432					
1164.0	1546.34			.024	.80880	.01973	.01678	-.00295
		3269	2.432					
1166.0	1549.61			-.014	.80865	-.01096	-.01645	-.00550
		3181	2.433					
1168.0	1552.79			-.001	.80865	-.00104	.00317	.00420
		3173	2.433					
1170.0	1555.97			-.008	.80860	-.00628	.00261	.00889
		3124	2.433					

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
1172.0	1559.09			.008	.80855	.00677	.00250	-.00427
1174.0	1562.27	3177	2.433	-.010	.80846	-.00847	-.00660	.00188
1176.0	1565.38	3111	2.433	-.002	.80845	-.00187	.00133	.00320
1178.0	1568.47	3096	2.433	.023	.80803	.01838	.01571	-.00267
1180.0	1571.71	3240	2.433	-.026	.80750	-.02084	-.01266	.00818
1182.0	1574.79	3077	2.433	.020	.80716	.01650	-.00032	-.01682
1184.0	1578.00	3206	2.433	-.021	.80681	-.01684	-.01111	.00573
1186.0	1581.07	3074	2.433	.011	.80671	.00902	.02336	.01434
1188.0	1584.22	3144	2.433	-.003	.80670	-.00204	-.01521	-.01317
1190.0	1587.34	3128	2.433	-.023	.80629	-.01817	-.01694	.00123
1192.0	1590.33	2990	2.433	.027	.80570	.02182	.02208	.00027
1194.0	1593.49	3156	2.433	-.008	.80566	-.00606	-.00668	-.00063
1196.0	1596.60	3109	2.433	-.013	.80552	-.01048	-.00725	.00323
1198.0	1599.63	3029	2.433	-.007	.80549	-.00531	-.01026	-.00495
1200.0	1602.62	2989	2.433	.006	.80546	.00465	.01418	.00953
1202.0	1605.64	3024	2.434	-.022	.80508	-.01752	-.04166	-.02413
1204.0	1608.54	2895	2.434	.016	.80487	.01295	.02301	.01007
1206.0	1611.53	2990	2.434	-.013	.80474	-.01008	-.01468	-.00460
1208.0	1614.44	2916	2.434	.002	.80474	.00200	.00534	.00334
1210.0	1617.37	2930	2.434	-.015	.80457	-.01170	-.00634	.00536
1212.0	1620.22	2846	2.434	.013	.80443	.01052	-.00486	-.01538
1214.0	1623.14	2922	2.434	-.017	.80420	-.01357	-.00366	.00992
1216.0	1625.97	2825	2.434	.008	.80415	.00644	.01127	.00483
1218.0	1628.84	2870	2.434	-.002	.80415	-.00154	-.00716	-.00561
1220.0	1631.70	2859	2.434	-.012	.80404	-.00935	-.01385	-.00451

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR IOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
		2793	2.434					
1222.0	1634.49			.010	.80396	.00787	.00690	-.00098
		2849	2.434					
1224.0	1637.34			-.001	.80396	-.00067	-.00017	.00050
		2844	2.434					
1226.0	1640.18			-.016	.80376	-.01262	-.01432	-.00170
		2756	2.434					
1228.0	1642.94			.016	.80355	.01319	.02226	.00908
		2848	2.434					
1230.0	1645.78			.001	.80355	.00094	-.01583	-.01677
		2854	2.434					
1232.0	1648.64			-.011	.80344	-.00906	-.00672	.00233
		2791	2.434					
1234.0	1651.43			.006	.80341	.00517	.02537	.02020
		2827	2.434					
1236.0	1654.26			.011	.80332	.00871	-.00024	-.00895
		2889	2.435					
1238.0	1657.14			-.006	.80329	-.00497	-.01058	-.00561
		2853	2.435					
1240.0	1660.00			.004	.80327	.00328	.00422	.00094
		2876	2.435					
1242.0	1662.87			-.005	.80325	-.00381	.00109	.00491
		2849	2.435					
1244.0	1665.72			.008	.80320	.00647	-.00275	-.00921
		2895	2.435					
1246.0	1668.62			.004	.80319	.00303	.01422	.01119
		2917	2.435					
1248.0	1671.54			-.024	.80271	-.01963	-.02794	-.00831
		2778	2.435					
1250.0	1674.31			.005	.80269	.00435	.00515	.00081
		2808	2.435					
1252.0	1677.12			.005	.80266	.00430	.00252	-.00178
		2838	2.435					
1254.0	1679.96			.001	.80266	.00087	-.00546	-.00633
		2844	2.435					
1256.0	1682.80			0	.80266	-.00018	.01282	.01300
		2843	2.435					
1258.0	1685.65			.023	.80223	.01865	.01279	-.00586
		2978	2.435					
1260.0	1688.63			-.015	.80204	-.01240	.00733	.01973
		2888	2.435					
1262.0	1691.51			.018	.80178	.01448	-.00253	-.01701
		2994	2.435					
1264.0	1694.51			-.008	.80172	-.00668	-.00587	.00081
		2944	2.435					
1266.0	1697.45			.007	.80169	.00526	.00393	-.00133
		2983	2.435					
1268.0	1700.43			-.008	.80163	-.00654	.01179	.01833
		2935	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
1270.0	1703.37			.003	.80163	.00224	.00630	.00406
1272.0	1706.32	2951	2.435	.003	.80162	.00222	-.02487	-.02709
1274.0	1709.29	2967	2.436	-.011	.80152	-.00887	.00425	.01312
1276.0	1712.19	2902	2.436	-.006	.80150	-.00460	-.01516	-.01056
1278.0	1715.06	2869	2.436	0	.80150	.00014	-.02374	-.02388
1280.0	1717.93	2870	2.436	.095	.79429	.07598	.11165	.03567
1282.0	1721.40	3471	2.436	-.064	.79107	-.05060	-.04659	.00401
1284.0	1724.45	3055	2.436	-.030	.79038	-.02338	-.03746	-.01408
1286.0	1727.33	2880	2.436	-.001	.79038	-.00109	.01674	.01783
1288.0	1730.21	2872	2.436	0	.79038	-.00019	-.01074	-.01055
1290.0	1733.08	2870	2.436	-.007	.79034	-.00535	-.02471	-.01936
1292.0	1735.91	2832	2.436	.011	.79025	.00838	.00652	-.00186
1294.0	1738.80	2892	2.436	.003	.79024	.00264	.01552	.01288
1296.0	1741.71	2912	2.436	-.012	.79013	-.00939	-.02693	-.01754
1298.0	1744.55	2843	2.436	.014	.78997	.01127	.01678	.00550
1300.0	1747.48	2925	2.436	-.009	.78991	-.00675	.02040	.02715
1302.0	1750.36	2876	2.436	.002	.78991	.00186	-.02381	-.02567
1304.0	1753.25	2889	2.436	.010	.78982	.00827	.05289	.04462
1306.0	1756.20	2950	2.436	-.004	.78981	-.00353	-.04610	-.04257
1308.0	1759.12	2924	2.436	.003	.78980	.00272	.02889	.02616
1310.0	1762.06	2944	2.437	.007	.78976	.00567	-.03054	-.03621
1312.0	1765.05	2987	2.437	.001	.78976	.00101	.00869	.00768
1314.0	1768.04	2994	2.437	-.003	.78975	-.00273	-.00531	-.00258
1316.0	1771.02	2974	2.437	.011	.78964	.00898	.02173	.01275
1318.0	1774.06	3042	2.437	-.008	.78959	-.00669	-.00567	.00102

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
		2991	2.437					
1320.0	1777.05	3001	2.437	.002	.78959	.00131	.00454	.00323
1322.0	1780.05	3033	2.437	.005	.78956	.00421	.00540	.00119
1324.0	1783.08	3065	2.437	.005	.78954	.00422	.01079	.00657
1326.0	1786.15	3046	2.437	-.003	.78953	-.00241	.00214	.00455
1328.0	1789.20	3028	2.437	-.003	.78953	-.00240	-.00855	-.00615
1330.0	1792.22	3055	2.437	.005	.78951	.00358	-.00614	-.00972
1332.0	1795.28	3067	2.437	.002	.78951	.00145	.00744	.00599
1334.0	1798.35	3044	2.437	-.004	.78950	-.00286	-.00181	.00105
1336.0	1801.39	3058	2.437	.002	.78949	.00181	-.00182	-.00363
1338.0	1804.45	3068	2.437	.002	.78949	.00123	.00705	.00582
1340.0	1807.52	3006	2.437	-.010	.78941	-.00800	-.00960	-.00159
1342.0	1810.52	2946	2.438	-.010	.78933	-.00802	-.01100	-.00298
1344.0	1813.47	2987	2.438	.007	.78929	.00554	.00383	-.00172
1346.0	1816.45	3035	2.438	.008	.78924	.00623	-.01368	-.01991
1348.0	1819.49	2981	2.438	-.009	.78918	-.00706	.02992	.03698
1350.0	1822.47	3022	2.438	.007	.78914	.00538	-.00049	-.00587
1352.0	1825.49	3029	2.438	.001	.78914	.00091	-.00457	-.00548
1354.0	1828.52	3045	2.438	.003	.78913	.00218	.01085	.00868
1356.0	1831.57	3116	2.438	.012	.78903	.00911	-.00925	-.01836
1358.0	1834.68	3017	2.438	-.016	.78882	-.01271	.00558	.01830
1360.0	1837.70	2959	2.438	-.010	.78875	-.00770	-.02082	-.01311
1362.0	1840.66	2943	2.438	-.003	.78874	-.00215	.01134	.01349
1364.0	1843.60	3064	2.438	.020	.78842	.01590	.00663	-.00928
1366.0	1846.66	2988	2.438	-.012	.78830	-.00985	-.01392	-.00407

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
1368.0	1849.65			.015	.78813	.01156	.00162	-.00994
1370.0	1852.73	3077	2.438	-.005	.78811	-.00398	.01527	.01925
1372.0	1855.78	3046	2.438	.001	.78811	.00060	-.00852	-.00911
1374.0	1858.83	3051	2.438	-.005	.78809	-.00413	.01672	.02085
1376.0	1861.84	3019	2.438	.004	.78808	.00294	-.01814	-.02109
1378.0	1864.89	3041	2.438	-.002	.78807	-.00134	.00666	.00800
1380.0	1867.92	3031	2.439	-.011	.78798	-.00843	-.00211	.00632
1382.0	1870.88	2967	2.439	-.002	.78798	-.00172	-.01904	-.01731
1384.0	1873.84	2954	2.439	0	.78798	.00017	.01572	.01555
1386.0	1876.79	2955	2.439	.015	.78780	.01192	-.00531	-.01723
1388.0	1879.84	3045	2.439	-.003	.78779	-.00229	.01989	.02217
1390.0	1882.86	3028	2.439	.031	.78705	.02411	.00681	-.01729
1392.0	1886.08	3219	2.439	-.029	.78639	-.02295	.00122	.02416
1394.0	1889.12	3036	2.439	.011	.78629	.00870	-.00627	-.01498
1396.0	1892.22	3104	2.439	-.016	.78610	-.01221	-.01796	-.00575
1398.0	1895.23	3009	2.439	.004	.78609	.00309	.00801	.00492
1400.0	1898.27	3033	2.439	.004	.78608	.00283	-.00339	-.00623
1402.0	1901.32	3055	2.439	-.004	.78607	-.00292	.00614	.00906
1404.0	1904.35	3032	2.439	-.002	.78606	-.00151	-.00241	-.00090
1406.0	1907.37	3020	2.439	0	.78606	-.00015	-.00931	-.00916
1408.0	1910.39	3019	2.439	.012	.78595	.00951	.02147	.01195
1410.0	1913.49	3093	2.439	-.001	.78595	-.00068	-.00377	-.00309
1412.0	1916.57	3088	2.439	-.010	.78587	-.00778	-.01314	-.00536
1414.0	1919.60	3027	2.440	.010	.78580	.00759	.01620	.00861
1416.0	1922.69	3086	2.440	-.006	.78577	-.00477	-.00647	-.00170

IWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR IOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
		3049	2.440					
1418.0	1925.74			.003	.78576	.00273	.00392	.00118
		3070	2.440					
1420.0	1928.81			-.004	.78575	-.00311	-.01602	-.01291
		3046	2.440					
1422.0	1931.85			.005	.78573	.00393	.02482	.02089
		3076	2.440					
1424.0	1934.93			.015	.78555	.01187	-.00937	-.02124
		3171	2.440					
1426.0	1938.10			-.003	.78554	-.00224	.01647	.01871
		3152	2.440					
1428.0	1941.25			-.011	.78545	-.00831	-.00856	-.00026
		3086	2.440					
1430.0	1944.34			.010	.78537	.00786	.00908	.00123
		3149	2.440					
1432.0	1947.49			.001	.78537	.00090	-.02118	-.02208
		3156	2.440					
1434.0	1950.64			-.005	.78535	-.00413	.01427	.01840
		3123	2.440					
1436.0	1953.76			-.012	.78524	-.00917	-.01813	-.00896
		3051	2.440					
1438.0	1956.82			-.001	.78524	-.00064	-.00823	-.00759
		3046	2.440					
1440.0	1959.86			.010	.78517	.00754	.01209	.00456
		3104	2.440					
1442.0	1962.97			.024	.78472	.01888	.02526	.00638
		3257	2.440					
1444.0	1966.22			-.027	.78414	-.02137	-.01827	.00310
		3085	2.440					
1446.0	1969.31			.014	.78399	.01084	.01377	.00293
		3171	2.441					
1448.0	1972.48			-.011	.78390	-.00826	-.00324	.00502
		3105	2.441					
1450.0	1975.58			.006	.78387	.00455	-.00163	-.00619
		3141	2.441					
1452.0	1978.72			-.009	.78380	-.00744	-.02039	-.01295
		3082	2.441					
1454.0	1981.81			.022	.78343	.01706	.03963	.02258
		3219	2.441					
1456.0	1985.02			-.012	.78332	-.00932	-.04373	-.03440
		3143	2.441					
1458.0	1988.17			-.011	.78322	-.00890	.00743	.01633
		3072	2.441					
1460.0	1991.24			.011	.78313	.00838	.02315	.01477
		3139	2.441					
1462.0	1994.38			-.001	.78313	-.00061	-.01705	-.01643
		3134	2.441					
1464.0	1997.51			.004	.78311	.00327	.01398	.01071
		3160	2.441					

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
1466.0	2000.67			-.012	.78299	-.00974	-.02667	-.01693
1468.0	2003.76	3082	2.441	-.005	.78297	-.00382	.00831	.01213
1470.0	2006.81	3052	2.441	.004	.78296	.00279	-.00859	-.01138
1472.0	2009.88	3074	2.441	.038	.78181	.03012	.03674	.00661
1474.0	2013.20	3320	2.441	.009	.78174	.00703	-.00289	-.00992
1476.0	2016.58	3380	2.441	-.038	.78059	-.03000	-.00335	.02665
1478.0	2019.71	3130	2.441	0	.78059	.00007	-.00374	-.00381
1480.0	2022.84	3131	2.442	0	.78059	.00034	.02216	.02182
1482.0	2025.98	3133	2.442	.001	.78059	.00106	-.02473	-.02579
1484.0	2029.12	3142	2.442	-.005	.78057	-.00375	-.02423	-.02048
1486.0	2032.23	3112	2.442	-.004	.78056	-.00328	.01489	.01817
1488.0	2035.32	3086	2.442	-.003	.78055	-.00210	-.01818	-.01609
1490.0	2038.38	3069	2.442	.002	.78055	.00139	.02809	.02670
1492.0	2041.46	3080	2.442	.006	.78052	.00461	-.01734	-.02196
1494.0	2044.58	3116	2.442	.010	.78045	.00777	.01775	.00999
1496.0	2047.76	3179	2.442	-.019	.78017	-.01461	-.02137	-.00675
1498.0	2050.82	3062	2.442	.013	.78003	.01049	.03584	.02536
1500.0	2053.97	3145	2.442	-.009	.77997	-.00691	-.01370	-.00679
1502.0	2057.06	3090	2.442	-.009	.77991	-.00681	-.00439	.00242
1504.0	2060.09	3037	2.442	-.001	.77991	-.00107	-.00878	-.00772
1506.0	2063.12	3028	2.442	.067	.77637	.05252	.04515	-.00736
1508.0	2066.59	3465	2.442	-.026	.77584	-.02029	-.00567	.01462
1510.0	2069.88	3289	2.442	-.053	.77368	-.04098	-.03780	.00318
1512.0	2072.84	2959	2.442	-.002	.77368	-.00117	-.00836	-.00719
1514.0	2075.78	2950	2.443	.095	.76669	.07352	.06615	-.00736

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
		3569	2.443					
1516.0	2079.35			-.074	.76247	-.05686	-.05191	.00495
		3076	2.443					
1518.0	2082.43			-.009	.76241	-.00681	.00063	.00745
		3022	2.443					
1520.0	2085.45			.034	.76154	.02585	.01449	-.01136
		3234	2.443					
1522.0	2088.68			.031	.76079	.02378	.02913	.00535
		3442	2.443					
1524.0	2092.13			-.020	.76050	-.01490	-.00006	.01484
		3310	2.443					
1526.0	2095.44			-.079	.75572	-.06028	-.08231	-.02202
		2823	2.443					
1528.0	2098.26			.095	.74896	.07149	.06967	-.00182
		3413	2.443					
1530.0	2101.67			-.068	.74546	-.05118	-.04459	.00659
		2977	2.443					
1532.0	2104.65			-.047	.74382	-.03504	-.04015	-.00511
		2709	2.443					
1534.0	2107.36			.010	.74374	.00773	-.00741	-.01515
		2766	2.443					
1536.0	2110.13			-.008	.74369	-.00596	-.00716	-.00120
		2722	2.443					
1538.0	2112.85			.010	.74361	.00750	.01991	.01241
		2778	2.443					
1540.0	2115.63			.001	.74361	.00039	-.00421	-.00460
		2780	2.443					
1542.0	2118.41			-.005	.74360	-.00342	-.00567	-.00225
		2755	2.443					
1544.0	2121.16			.027	.74307	.01985	.02678	.00692
		2906	2.443					
1546.0	2124.07			-.031	.74234	-.02330	-.02086	.00244
		2729	2.444					
1548.0	2126.80			.007	.74230	.00499	.01845	.01346
		2766	2.444					
1550.0	2129.56			.024	.74189	.01745	.00066	-.01680
		2899	2.444					
1552.0	2132.46			-.010	.74181	-.00775	-.01577	-.00801
		2839	2.444					
1554.0	2135.30			-.010	.74174	-.00745	-.01781	-.01036
		2783	2.444					
1556.0	2138.08			-.007	.74170	-.00512	.01496	.02009
		2744	2.444					
1558.0	2140.83			.002	.74170	.00174	-.01627	-.01800
		2757	2.444					
1560.0	2143.59			-.006	.74167	-.00477	-.00148	.00329
		2722	2.444					
1562.0	2146.31			.005	.74165	.00342	-.00296	-.00638
		2747	2.444					

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
1564.0	2149.05			.016	.74147	.01167	.00303	-.00865
1566.0	2151.89	2835	2.444	.033	.74065	.02468	.04409	.01940
1568.0	2154.92	3030	2.444	-.007	.74061	-.00532	.01978	.02510
1570.0	2157.91	2987	2.444	.021	.74029	.01529	.02081	.00552
1572.0	2161.02	3113	2.444	-.010	.74022	-.00720	-.02841	-.02121
1574.0	2164.07	3053	2.444	.007	.74019	.00502	.01159	.00657
1576.0	2167.17	3094	2.444	-.021	.73986	-.01547	-.02750	-.01202
1578.0	2170.13	2967	2.444	.008	.73982	.00584	.01305	.00720
1580.0	2173.15	3015	2.444	-.016	.73962	-.01209	-.01904	-.00695
1582.0	2176.07	2918	2.444	-.010	.73955	-.00742	-.01051	-.00308
1584.0	2178.93	2860	2.445	.014	.73939	.01067	-.00137	-.01204
1586.0	2181.87	2943	2.445	-.022	.73902	-.01659	.00907	.02566
1588.0	2184.68	2814	2.445	.018	.73879	.01315	-.01161	-.02475
1590.0	2187.60	2916	2.445	-.006	.73876	-.00420	.01085	.01505
1592.0	2190.48	2883	2.445	.011	.73867	.00813	.00081	-.00732
1594.0	2193.43	2947	2.445	-.012	.73856	-.00911	.01190	.02101
1596.0	2196.30	2875	2.445	.008	.73852	.00570	.00290	-.00280
1598.0	2199.22	2920	2.445	-.006	.73849	-.00438	-.00584	-.00146
1600.0	2202.11	2885	2.445	-.007	.73846	-.00487	-.02160	-.01673
1602.0	2204.95	2847	2.445	-.007	.73843	-.00496	-.01616	-.01119
1604.0	2207.76	2809	2.445	-.004	.73842	-.00263	.02048	.02311
1606.0	2210.55	2789	2.445	.003	.73841	.00235	.00156	-.00080
1608.0	2213.36	2807	2.445	.005	.73839	.00389	-.01462	-.01851
1610.0	2216.20	2837	2.445	.026	.73790	.01906	.03220	.01313
1612.0	2219.18	2987	2.445	.001	.73789	.00107	-.00100	-.00206

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
		2996	2.445					
1614.0	2222.18			-.003	.73789	-.00189	.00580	.00769
		2980	2.445					
1616.0	2225.16			.002	.73789	.00133	-.00117	-.00251
		2991	2.445					
1618.0	2228.15			-.005	.73787	-.00334	-.00521	-.00187
		2964	2.445					
1620.0	2231.11			-.001	.73787	-.00101	-.01318	-.01217
		2956	2.446					
1622.0	2234.07			.005	.73785	.00364	.01582	.01218
		2985	2.446					
1624.0	2237.05			.017	.73763	.01283	.02678	.01395
		3091	2.446					
1626.0	2240.15			.008	.73759	.00561	.00604	.00043
		3138	2.446					
1628.0	2243.28			-.027	.73706	-.01977	-.02245	-.00268
		2974	2.446					
1630.0	2246.26			.011	.73696	.00828	0	-.00828
		3041	2.446					
1632.0	2249.30			.005	.73695	.00365	.00789	.00424
		3072	2.446					
1634.0	2252.37			-.022	.73660	-.01604	-.01073	.00531
		2941	2.446					
1636.0	2255.31			.012	.73648	.00915	.00269	-.00645
		3015	2.446					
1638.0	2258.33			-.013	.73636	-.00933	-.02148	-.01216
		2939	2.446					
1640.0	2261.26			.006	.73633	.00474	.00741	.00267
		2977	2.446					
1642.0	2264.24			-.002	.73633	-.00160	-.00158	.00002
		2964	2.446					
1644.0	2267.21			-.009	.73627	-.00681	.00589	.01270
		2910	2.446					
1646.0	2270.12			.005	.73625	.00402	-.00505	-.00908
		2942	2.446					
1648.0	2273.06			-.007	.73621	-.00486	-.00899	-.00413
		2903	2.446					
1650.0	2275.96			.005	.73619	.00371	.00739	.00368
		2932	2.446					
1652.0	2278.89			.006	.73617	.00436	-.00135	-.00571
		2967	2.446					
1654.0	2281.86			-.003	.73616	-.00245	.01488	.01733
		2948	2.447					
1656.0	2284.81			0	.73616	-.00018	.00111	.00129
		2946	2.447					
1658.0	2287.75			-.003	.73615	-.00227	-.01974	-.01747
		2928	2.447					
1660.0	2290.68			.017	.73594	.01240	.01434	.00193
		3028	2.447					

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR IDP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
1662.0	2293.71			.012	.73583	.00908	.00454	-.00454
1664.0	2296.81	3104	2.447	.009	.73577	.00672	.02676	.02004
1666.0	2299.97	3161	2.447	-.019	.73551	-.01387	-.01672	-.00285
1668.0	2303.02	3044	2.447	-.004	.73550	-.00330	-.01668	-.01338
1670.0	2306.03	3017	2.447	.004	.73548	.00311	.01157	.00847
1672.0	2309.08	3042	2.447	.002	.73548	.00155	.00036	-.00119
1674.0	2312.13	3055	2.447	0	.73548	.00005	.00748	.00743
1676.0	2315.19	3055	2.447	0	.73548	.00012	-.00680	-.00692
1678.0	2318.24	3056	2.447	0	.73548	-.00027	.00102	.00129
1680.0	2321.30	3054	2.447	.010	.73540	.00746	.02365	.01618
1682.0	2324.41	3116	2.447	-.003	.73540	-.00190	-.02532	-.02342
1684.0	2327.51	3096	2.450	-.017	.73517	-.01285	.00378	.01663
1686.0	2330.53	3017	2.428	.030	.73449	.02236	.00541	-.01695
1688.0	2333.69	3167	2.459	-.021	.73417	-.01549	-.02008	-.00458
1690.0	2336.75	3057	2.442	.003	.73416	.00251	.02827	.02575
1692.0	2339.83	3081	2.440	.017	.73394	.01270	-.00760	-.02031
1694.0	2343.01	3174	2.452	-.007	.73390	-.00550	-.00267	.00283
1696.0	2346.13	3128	2.450	.019	.73363	.01410	.00690	-.00719
1698.0	2349.35	3220	2.474	-.038	.73256	-.02795	.00038	.02832
1700.0	2352.40	3050	2.420	.020	.73226	.01494	-.02006	-.03500
1702.0	2355.54	3138	2.450	-.003	.73225	-.00199	.01700	.01899
1704.0	2358.69	3154	2.425	.008	.73220	.00596	.00402	-.00194
1706.0	2361.86	3169	2.452	-.020	.73190	-.01500	-.02131	-.00631
1708.0	2364.98	3119	2.392	.020	.73161	.01459	.01085	-.00374
1710.0	2368.24	3260	2.381	-.026	.73110	-.01929	-.00165	.01764

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
		3131	2.352					
1712.0	2371.37			.006	.73107	.00414	.00543	.00129
		3118	2.389					
1714.0	2374.49			-.030	.73040	-.02220	-.04518	-.02297
		3007	2.331					
1716.0	2377.50			-.016	.73020	-.01205	.01525	.02729
		2909	2.331					
1718.0	2380.41			.015	.73003	.01106	-.03232	-.04338
		2953	2.367					
1720.0	2383.36			-.022	.72969	-.01574	.00482	.02056
		2903	2.306					
1722.0	2386.26			.034	.72886	.02473	.02389	-.00083
		2978	2.406					
1724.0	2389.24			.022	.72849	.01634	.01384	-.00250
		3073	2.438					
1726.0	2392.31			.007	.72846	.00477	-.01132	-.01609
		3123	2.431					
1728.0	2395.44			-.006	.72844	-.00406	.02473	.02879
		3125	2.402					
1730.0	2398.56			.049	.72671	.03545	.03804	.00259
		3316	2.496					
1732.0	2401.88			.012	.72661	.00862	.00654	-.00208
		3403	2.490					
1734.0	2405.28			.012	.72650	.00903	-.00587	-.01490
		3478	2.498					
1736.0	2408.76			.051	.72464	.03676	.06182	.02506
		3740	2.571					
1738.0	2412.50			-.005	.72462	-.00350	.00448	.00797
		3505	2.717					
1740.0	2416.00			.010	.72455	.00717	.01014	.00297
		3567	2.722					
1742.0	2419.57			-.006	.72452	-.00438	.00158	.00596
		3572	2.686					
1744.0	2423.14			0	.72452	.00012	-.00055	-.00067
		3650	2.630					
1746.0	2426.79			.016	.72432	.01195	-.00428	-.01623
		3681	2.695					
1748.0	2430.47			-.085	.71903	-.06191	-.05870	.00322
		3540	2.361					
1750.0	2434.01			-.001	.71903	-.00107	.01126	.01233
		3585	2.325					
1752.0	2437.60			-.001	.71903	-.00063	-.02348	-.02284
		3547	2.345					
1754.0	2441.15			.030	.71839	.02146	.02291	.00146
		3760	2.348					
1756.0	2444.91			.009	.71833	.00632	.00134	-.00498
		3839	2.341					
1758.0	2448.75			-.019	.71807	-.01386	.00326	.01712
		3732	2.317					

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
1760.0	2452.48			-.016	.71787	-.01176	-.00735	.00441
		3629	2.306					
1762.0	2456.11			-.005	.71786	-.00341	.01312	.01653
		3583	2.313					
1764.0	2459.69			.003	.71785	.00234	-.02688	-.02922
		3588	2.326					
1766.0	2463.28			.038	.71683	.02700	.02949	.00248
		3703	2.429					
1768.0	2466.98			.042	.71558	.02999	.02573	-.00426
		3807	2.570					
1770.0	2470.79			-.031	.71488	-.02243	-.00268	.01975
		3780	2.430					
1772.0	2474.57			-.004	.71486	-.00304	-.00351	-.00047
		3704	2.459					
1774.0	2478.27			-.007	.71483	-.00492	-.02484	-.01992
		3653	2.459					
1776.0	2481.93			.008	.71479	.00547	-.00918	-.01465
		3664	2.490					
1778.0	2485.59			-.046	.71324	-.03322	-.01276	.02046
		3488	2.383					
1780.0	2489.08			-.018	.71303	-.01248	-.00058	.01190
		3464	2.317					
1782.0	2492.54			.036	.71211	.02557	-.00938	-.03494
		3742	2.304					
1784.0	2496.28			-.013	.71198	-.00947	.00236	.01184
		3669	2.289					
1786.0	2499.95			-.012	.71189	-.00823	.01095	.01918
		3618	2.268					
1788.0	2503.57			.010	.71181	.00746	-.01633	-.02379
		3668	2.284					
1790.0	2507.24			.005	.71179	.00336	.00131	-.00205
		3651	2.316					
1792.0	2510.89			.029	.71118	.02095	.04042	.01947
		3639	2.465					
1794.0	2514.53			0	.71118	-.00022	-.00436	-.00413
		3652	2.455					
1796.0	2518.18			-.009	.71111	-.00672	-.01519	-.00847
		3669	2.398					
1798.0	2521.85			-.023	.71074	-.01623	.01076	.02699
		3662	2.295					
1800.0	2525.51			.004	.71073	.00298	.00466	.00168
		3704	2.289					
1802.0	2529.22			-.007	.71070	-.00468	-.04742	-.04274
		3678	2.274					
1804.0	2532.89			.003	.71069	.00225	.03043	.02818
		3671	2.293					
1806.0	2536.57			-.027	.71016	-.01939	-.03712	-.01773
		3481	2.290					
1808.0	2540.05			.005	.71015	.00335	.00728	.00393

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
		3553	2.265					
1810.0	2543.60			.005	.71013	.00327	.02056	.01728
		3587	2.264					
1812.0	2547.19			0	0	0	-.02810	-.02810
1814.0							.03192	.03192
1816.0							-.02979	-.02979
1818.0							.00198	.00198
1820.0							.00819	.00819
1822.0							.00169	.00169
1824.0							-.01005	-.01005
1826.0							.00772	.00772
1828.0							-.01063	-.01063
1830.0							.01595	.01595
1832.0							.00317	.00317
1834.0							-.00291	-.00291
1836.0							.01352	.01352
1838.0							-.00678	-.00678
1840.0							-.01701	-.01701
1842.0							.00540	.00540
1844.0							.00288	.00288
1846.0							-.00187	-.00187
1848.0							.01692	.01692
1850.0							-.02838	-.02838
1852.0							.01159	.01159
1854.0							.01147	.01147
1856.0							.00297	.00297

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
1858.0							-.00401	-.00401
1860.0							.00613	.00613
1862.0							-.03477	-.03477
1864.0							.01174	.01174
1866.0							.00787	.00787
1868.0							.02646	.02646
1870.0							-.02983	-.02983
1872.0							-.00988	-.00988
1874.0							.04447	.04447
1876.0							-.02937	-.02937
1878.0							.01033	.01033
1880.0							.00204	.00204
1882.0							-.01310	-.01310
1884.0							.00735	.00735
1886.0							-.00616	-.00616
1888.0							-.00212	-.00212
1890.0							.00467	.00467
1892.0							-.00215	-.00215
1894.0							-.00996	-.00996
1896.0							.02077	.02077
1898.0							-.01075	-.01075
1900.0							.00307	.00307
1902.0							-.00447	-.00447
1904.0							-.00141	-.00141
1906.0							.00698	.00698

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
1908.0							.00931	.00931
1910.0							-.01035	-.01035
1912.0							-.01390	-.01390
1914.0							.01240	.01240
1916.0							-.00151	-.00151
1918.0							-.00149	-.00149
1920.0							-.00013	-.00013
1922.0							-.00437	-.00437
1924.0							.01256	.01256
1926.0							-.01024	-.01024
1928.0							.00845	.00845
1930.0							-.02259	-.02259
1932.0							.02777	.02777
1934.0							-.01379	-.01379
1936.0							.01308	.01308
1938.0							-.00224	-.00224
1940.0							-.00033	-.00033
1942.0							.00120	.00120
1944.0							-.00469	-.00469
1946.0							.00645	.00645
1948.0							-.01017	-.01017
1950.0							.00354	.00354
1952.0							.00632	.00632
1954.0							-.01036	-.01036

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
1956.0							.00468	.00468
1958.0							-.01566	-.01566
1960.0							.02018	.02018
1962.0							-.01459	-.01459
1964.0							.00541	.00541
1966.0							.01386	.01386
1968.0							-.01184	-.01184
1970.0							-.00632	-.00632
1972.0							-.00166	-.00166
1974.0							.02022	.02022
1976.0							-.00957	-.00957
1978.0							.01052	.01052
1980.0							.00440	.00440
1982.0							-.01481	-.01481
1984.0							.00555	.00555
1986.0							.00452	.00452
1988.0							-.01020	-.01020
1990.0							-.01121	-.01121
1992.0							.00945	.00945
1994.0							-.00648	-.00648
1996.0							.00784	.00784
1998.0							-.00912	-.00912
2000.0							.02073	.02073
2002.0							-.00490	-.00490
2004.0							-.00854	-.00854

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
2006.0							-.00060	-.00060
2008.0							-.00118	-.00118
2010.0							.00397	.00397
2012.0							-.00586	-.00586
2014.0							.00742	.00742
2016.0							-.00367	-.00367
2018.0							-.02031	-.02031
2020.0							.00539	.00539
2022.0							.00561	.00561
2024.0							-.01480	-.01480
2026.0							.02399	.02399
2028.0							-.00884	-.00884
2030.0							-.01426	-.01426
2032.0							.00639	.00639
2034.0							-.00705	-.00705
2036.0							.00285	.00285
2038.0							-.02162	-.02162
2040.0							.00189	.00189
2042.0							.02867	.02867
2044.0							-.00481	-.00481
2046.0							-.01191	-.01191
2048.0							.00137	.00137
2050.0							.00949	.00949
2052.0							.00002	.00002

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
2054.0							.00301	.00301
2056.0							.00131	.00131
2058.0							-.02928	-.02928
2060.0							.03626	.03626
2062.0							-.01956	-.01956
2064.0							-.01177	-.01177
2066.0							.01510	.01510
2068.0							.00481	.00481
2070.0							-.01514	-.01514
2072.0							.01207	.01207
2074.0							.00622	.00622
2076.0							-.01253	-.01253
2078.0							.00010	.00010
2080.0							-.00329	-.00329
2082.0							-.00275	-.00275
2084.0							.01389	.01389
2086.0							-.00534	-.00534
2086.0							-.00675	-.00675
2090.0							.01117	.01117
2092.0							-.01938	-.01938
2094.0							.01050	.01050
2096.0							.00476	.00476
2098.0							-.00109	-.00109
2100.0							.02242	.02242
2102.0							-.02212	-.02212

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
2104.0							-.00236	-.00236
2106.0							.02212	.02212
2108.0							-.00657	-.00657
2110.0							.00058	.00058
2112.0							-.00914	-.00914
2114.0							-.00506	-.00506
2116.0							.00939	.00939
2118.0							.00171	.00171
2120.0							-.00521	-.00521
2122.0							-.00184	-.00184
2124.0							.00847	.00847
2126.0							-.00600	-.00600
2128.0							.00873	.00873
2130.0							-.00035	-.00035
2132.0							-.00958	-.00958
2134.0							-.00231	-.00231
2136.0							.01204	.01204
2138.0							.00770	.00770
2140.0							-.00575	-.00575
2142.0							-.00795	-.00795
2144.0							.00317	.00317
2146.0							-.00126	-.00126
2148.0							-.02057	-.02057
2150.0							.01191	.01191

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
2152.0							-.01351	-.01351
2154.0							.02736	.02736
2156.0							-.01632	-.01632
2158.0							.00654	.00654
2160.0							.00969	.00969
2162.0							-.02238	-.02238
2164.0							.02573	.02573
2166.0							-.00744	-.00744
2168.0							-.01542	-.01542
2170.0							.01398	.01398
2172.0							.00535	.00535
2174.0							.00016	.00016
2176.0							-.00819	-.00819
2178.0							.00872	.00872
2180.0							-.01723	-.01723
2182.0							.01570	.01570
2184.0							.00110	.00110
2186.0							.00257	.00257
2188.0							-.01412	-.01412
2190.0							.00575	.00575
2192.0							-.01197	-.01197
2194.0							.01056	.01056
2196.0							-.00723	-.00723
2198.0							-.00708	-.00708
2200.0							.00702	.00702

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
2202.0							-.00357	-.00357
2204.0							.00594	.00594
2206.0							.00339	.00339
2208.0							-.00313	-.00313
2210.0							-.00500	-.00500
2212.0							-.01760	-.01760
2214.0							.03803	.03803
2216.0							.00114	.00114
2218.0							-.00986	-.00986
2220.0							-.02058	-.02058
2222.0							.04162	.04162
2224.0							-.01739	-.01739
2226.0							.00095	.00095
2228.0							.00172	.00172
2230.0							.01196	.01196
2232.0							-.02659	-.02659
2234.0							.01959	.01959
2236.0							.00197	.00197
2238.0							-.00876	-.00876
2240.0							-.01092	-.01092
2242.0							.01692	.01692
2244.0							-.00875	-.00875
2246.0							-.02030	-.02030
2248.0							.02020	.02020

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
2250.0							-.00765	-.00765
2252.0							.00805	.00805
2254.0							-.00477	-.00477
2256.0							.00815	.00815
2258.0							-.00020	-.00020
2260.0							.00568	.00568
2262.0							-.00257	-.00257
2264.0							-.00765	-.00765
2266.0							.01268	.01268
2268.0							-.01747	-.01747
2270.0							.01528	.01528
2272.0							-.00668	-.00668
2274.0							.00280	.00280
2276.0							-.01438	-.01438
2278.0							.02202	.02202
2280.0							-.01917	-.01917
2282.0							.00701	.00701
2284.0							-.00977	-.00977
2286.0							.00504	.00504
2288.0							.02518	.02518
2290.0							-.00261	-.00261
2292.0							-.02593	-.02593
2294.0							.02416	.02416
2296.0							-.00128	-.00128
2298.0							-.00054	-.00054

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
2300.0							-.02397	-.02397
2302.0							.02184	.02184
2304.0							.00938	.00938
2306.0							-.03548	-.03548
2308.0							.02915	.02915
2310.0							.00160	.00160
2312.0							-.00565	-.00565
2314.0							-.01193	-.01193
2316.0							.00054	.00054
2318.0							.00550	.00550
2320.0							-.00348	-.00348
2322.0							-.00940	-.00940
2324.0							.01175	.01175
2326.0							-.02285	-.02285
2328.0							.02413	.02413
2330.0							.00571	.00571
2332.0							-.00314	-.00314
2334.0							-.01586	-.01586
2336.0							.01176	.01176
2338.0							-.01741	-.01741
2340.0							-.00419	-.00419
2342.0							.01459	.01459
2344.0							-.01676	-.01676
2346.0							.01565	.01565

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
2348.0							.01188	.01188
2350.0							-.00138	-.00138
2352.0							-.01051	-.01051
2354.0							.01576	.01576
2356.0							-.00894	-.00894
2358.0							.00969	.00969
2360.0							-.01217	-.01217
2362.0							.00032	.00032
2364.0							-.00183	-.00183
2366.0							-.00749	-.00749
2368.0							-.00241	-.00241
2370.0							.00421	.00421
2372.0							.00013	.00013
2374.0							.00841	.00841
2376.0							-.00109	-.00109
2378.0							.00320	.00320
2380.0							.01045	.01045
2382.0							-.01901	-.01901
2384.0							.00166	.00166
2386.0							.00513	.00513
2388.0							-.01174	-.01174
2390.0							-.00344	-.00344
2392.0							-.00886	-.00886
2394.0							.00828	.00828
2396.0							.01375	.01375

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
2398.0							-.00053	-.00053
2400.0							-.00961	-.00961
2402.0							-.00740	-.00740
2404.0							.01128	.01128
2406.0							.00864	.00864
2408.0							.00874	.00874
2410.0							-.02263	-.02263
2412.0							.01577	.01577
2414.0							-.01679	-.01679
2416.0							.01752	.01752
2418.0							-.02833	-.02833
2420.0							.00730	.00730
2422.0							.00955	.00955
2424.0							.00302	.00302
2426.0							.00211	.00211
2428.0							-.01498	-.01498
2430.0							.01306	.01306
2432.0							-.01489	-.01489
2434.0							.01902	.01902
2436.0							.00028	.00028
2438.0							-.01361	-.01361
2440.0							.00986	.00986
2442.0							-.01986	-.01986
2444.0							.00874	.00874

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR IOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
2446.0							.01128	.01128
2448.0							-.01807	-.01807
2450.0							.00802	.00802
2452.0							-.00440	-.00440
2454.0							.01118	.01118
2456.0							.00699	.00699
2458.0							-.00969	-.00969
2460.0							.01576	.01576
2462.0							-.00811	-.00811
2464.0							.00129	.00129
2466.0							-.00262	-.00262
2468.0							-.01058	-.01058
2470.0							.00584	.00584
2472.0							.01123	.01123
2474.0							-.02147	-.02147
2476.0							.01333	.01333
2478.0							-.00130	-.00130
2480.0							-.00839	-.00839
2482.0							-.01748	-.01748
2484.0							.02552	.02552
2486.0							-.00093	-.00093
2488.0							-.00181	-.00181
2490.0							.00089	.00089
2492.0							.02323	.02323
2494.0							-.02828	-.02828

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
2496.0							.01450	.01450
2498.0							-.01603	-.01603
2500.0							-.00829	-.00829
2502.0							-.00926	-.00926
2504.0							.01830	.01830
2506.0							-.00285	-.00285
2508.0							-.02185	-.02185
2510.0							.01244	.01244
2512.0							-.00699	-.00699
2514.0							-.00466	-.00466
2516.0							.01521	.01521
2518.0							-.00117	-.00117
2520.0							.01476	.01476
2522.0							-.01034	-.01034
2524.0							.00856	.00856
2526.0							.01420	.01420
2528.0							-.00397	-.00397
2530.0							.00118	.00118
2532.0							-.01044	-.01044
2534.0							-.01264	-.01264
2536.0							.01699	.01699
2538.0							-.00594	-.00594
2540.0							-.01278	-.01278
2542.0							.02561	.02561

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
2544.0							-.02566	-.02566
2546.0							.00977	.00977
2548.0							-.00285	-.00285
2550.0							.01725	.01725
2552.0							.00749	.00749
2554.0							-.01850	-.01850
2556.0							.01665	.01665
2558.0							-.00929	-.00929
2560.0							.00171	.00171
2562.0							-.01917	-.01917
2564.0							.01624	.01624
2566.0							.00788	.00788
2568.0							-.02812	-.02812
2570.0							-.00160	-.00160
2572.0							.02673	.02673
2574.0							.00144	.00144
2576.0							.00056	.00056
2578.0							-.01269	-.01269
2580.0							.02351	.02351
2582.0							-.02530	-.02530
2584.0							.01284	.01284
2586.0							-.00363	-.00363
2588.0							-.00317	-.00317
2590.0							-.00031	-.00031
2592.0							-.00167	-.00167

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
2594.0							.01396	.01396
2596.0							-.00643	-.00643
2598.0							-.00291	-.00291

PE602928

This is an enclosure indicator page.
The enclosure PE602928 is enclosed within the container PE907749 at this location in this document.

The enclosure PE602928 has the folllowing characteristics:

ITEM_BARCODE	= PE602928
CONTAINER_BARCODE	= PE907749
NAME	= Seismic Calibration Log
BASIN	=
PERMIT	=
TYPE	= WELL
SUBTYPE	= VELOCITY_CHART
DESCRIPTION	= Seismic Calibration Log, Adjusted Continuous Velocity Log, By Schlumberger for ESSO Australia Ltd., for Drummer-1.
REMARKS	=
DATE_CREATED	= 06/12/85
DATE_RECEIVED	=
WELL_NO	= W918
WELL_NAME	= Drummer-1
CONTRACTOR	= Sclumberger
CLIENT_OP_CO	= ESSO Australia Ltd.

(Inserted by DNRE - Vic Govt Mines Dept)

PE602929

This is an enclosure indicator page.
The enclosure PE602929 is enclosed within the container PE907749 at this location in this document.

The enclosure PE602929 has the folllowing characteristics:

ITEM_BARCODE	= PE602929
CONTAINER_BARCODE	= PE907749
NAME	= Velocity Profile
BASIN	=
PERMIT	=
TYPE	= WELL
SUBTYPE	= VELOCITY_CHART
DESCRIPTION	= Velocity Profile,(Enclosure from Geogram Processing Report), By Schlumberger for ESSO Australia Ltd., for Drummer-1.
REMARKS	=
DATE_CREATED	= 12/12/85
DATE_RECEIVED	=
WELL_NO	= W918
WELL_NAME	= Drummer-1
CONTRACTOR	= Sclumberger
CLIENT_OP_CO	= ESSO Australia Ltd.

(Inserted by DNRE - Vic Govt Mines Dept)

PE907750

This is an enclosure indicator page.
The enclosure PE907750 is enclosed within the container PE907749 at this location in this document.

The enclosure PE907750 has the folllowing characteristics:

ITEM_BARCODE	= PE907750
CONTAINER_BARCODE	= PE907749
NAME	= Geogram/ Synthetic Seismogram
BASIN	=
PERMIT	=
TYPE	= SEISMIC
SUBTYPE	= SYNTHETIC_SEISMOGRAM
DESCRIPTION	= Geogram/ Synthetic Seismogram,(Enclosure from Geogram Processing Report), By Schlumberger for ESSO Australia Ltd., for Drummer-1.
REMARKS	=
DATE_CREATED	= 30/10/85
DATE_RECEIVED	=
WELL_NO	= W918
WELL_NAME	= Drummer-1
CONTRACTOR	= Sclumberger
CLIENT_OP_CO	= ESSO Australia Ltd.

(Inserted by DNRE - Vic Govt Mines Dept)

PE907751

This is an enclosure indicator page.
The enclosure PE907751 is enclosed within the container PE907749 at this location in this document.

The enclosure PE907751 has the folllowing characteristics:

ITEM_BARCODE	= PE907751
CONTAINER_BARCODE	= PE907749
NAME	= Seismic Calibration Log
BASIN	=
PERMIT	=
TYPE	= SEISMIC
SUBTYPE	= VELOCITY_CHART
DESCRIPTION	= Seismic Calibration Log,(Enclosure from Geogram Processing Report), By Schlumberger for ESSO Australia Ltd., for Drummer-1.
REMARKS	=
DATE_CREATED	= 30/10/85
DATE_RECEIVED	=
WELL_NO	= W918
WELL_NAME	= Drummer-1
CONTRACTOR	= Sclumberger
CLIENT_OP_CO	= ESSO Australia Ltd.

(Inserted by DNRE - Vic Govt Mines Dept)

PE904391

This is an enclosure indicator page.
The enclosure PE904391 is enclosed within the container PE907749 at this location in this document.

The enclosure PE904391 has the folllowing characteristics:

ITEM_BARCODE	= PE904391
CONTAINER_BARCODE	= PE907749
NAME	= Raw and Checkshot Data
BASIN	=
PERMIT	=
TYPE	= SEISMIC
SUBTYPE	= VELOCITY
DESCRIPTION	= Raw and Checkshot Data,(Enclosure from Geogram Processing Report), By Schlumberger for ESSO Australia Ltd., for Drummer-1.
REMARKS	=
DATE_CREATED	= 30/10/85
DATE_RECEIVED	=
WELL_NO	= W918
WELL_NAME	= Drummer-1
CONTRACTOR	= Sclumberger
CLIENT_OP_CO	= ESSO Australia Ltd.

(Inserted by DNRE - Vic Govt Mines Dept)