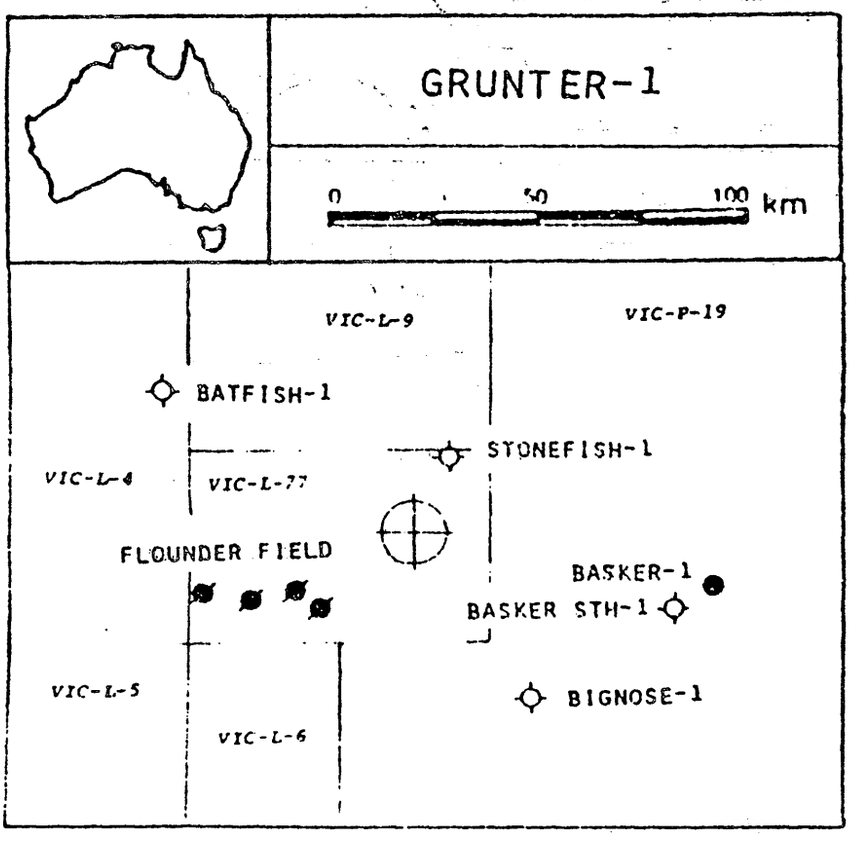
SEISMIC COMPUTATIONS

Schlumberger

SONIC CALIBRATION REPORT

COMPANY	:	ESSO AUSTRALIA LTD.
WELL	:	GRUNTER #1
LEASE	:	VIC-L-11
FIELD	:	WILDCAT
COUNTRY	:	AUSTRALIA
COORDINATES	:	38DEG. 16' 21.29"S 148DEG. 30' 56.25"E
RIG	:	SOUTHERN CROSS
ELEVATIONS	:	GROUND LEVEL AT -108.0M AMSL KELLY BUSHING AT 21.0M AMSL
DATE OF SURVEY	:	24TH OCTOBER 1984


GRUNTER-1
0
50
100 km
VIC-L-9
VIC-P-19
BATFISH-1
STONEFISH-1
VIC-L-4
VIC-L-77
FLOUNDER FIELD
BASKER-1
BASKER STH-1
VIC-L-5
BIGNOSE-1
VIC-L-6

CONTENTS

SUMMARY

A velocity check shot survey was conducted in the GRUNTER 1 well on October 24th 1984. Fifteen levels were shot using an airgun source and the results from these shots have been used in the calibration of the sonic log.

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

DATA ACQUISITION

FIELD EQUIPMENT

Energy Source	:	Bolt airgun (model 1900B) 120 cu.in.
Source Offset	:	38.5m
Source Depth	:	9.14m below MSL
Source Azimuth	:	22 Deg.
Reference Sensor	:	Accelerometer
Sensor Offset	:	38.5m
Sensor Depth	:	9.14m below MSL
Downhole Geophone	:	Geospace HS-1 High temperature (350 Deg. F), Coil Resistance 225 + 10%, Natural Frequency 8-12 Hz, Sensitivity 0.45 V/in/sec. Maximum tilt angle 60 Deg. Min.

Recording Instrument

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

PROCESSING PARAMETERS

Seismic Reference Datum (SRD)	:	Mean Sea Level
Elevation SRD	:	Mean Sea Level
Elevation Derrick Floor	:	20.7m AMSL
Elevation Ground Level	:	-108.0m AMSL
Well Deviation	:	0 Deg.
Total Depth	:	3824m below DF
Sonic Log Interval	:	270 - 3815m below DF
Density Log Interval	:	855 - 3815m below DF

SHOT DATA

Level Depth (m below KB)	Stacked Shots	Rejected Shots	Quality	Comment
3504	4	7	Good	
3310	9	0	Good	
3250	3	0	Good	
3000	3	1	Good	
2805	7	0	Good	
2610	4	0	Good	
2450	4	0	Good	
2180	3	0	Good	
1890	3	0	Good	
1855	3	0	Good	
1600	3	0	Good	
1250	3	0	Good	
900	3	1	Good	
700	3	10	Good	
0	5	0	Good	

A total of 15 check levels were shot with the number of stacked and rejected shots for each level being shown in the table above.
The general data quality was very good and a plot of the stacked check shot data (PLOT 5) has been displayed.

GUN OFFSET

The shot at the surface was used to calculate the gun offset and has not been used in any further calculations. The gun offset distance was calculated using the following data:

water velocity = 1480 m/s gun depth = 9.14m

time from gun to hydrophone = .026s hydrophone depth = 9.14m
(hydrophone in moonpool near wellhead)

distance gun to hydrophone = 1480 x .026 = 38.5m

SONIC CALIBRATION

Purpose: To adjust the sonic log using the vertical times obtained at each check level.

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

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

For a negative drift $\frac{\Delta \text{drift}}{\Delta \text{depth}} < 0$, and the sonic time is greater than the seismic time over a certain section of log.

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

(a) Uniform or block shift.

This method applies a uniform correction to all 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 μs/ft.

(b) 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 log. Over a given interval the method will correct only Δt values which are higher than a threshold, the Δt minimum. Values of Δt which are lower than the threshold are not corrected. The correction is a reduction of the excess of Δt over Δt minimum, $\Delta t - \Delta t$ min.

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

$$G = 1 + \frac{\text{Drift}}{\int(\Delta t - \Delta t \text{ minimum})dZ}$$

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

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

PROCESSING

OPEN HOLE LOGS

Both the sonic and density logs used in this report have been edited prior to input into the WST chain. In places the density curve is subject to poor hole conditions and hence has been patched over these zones. The sonic curve has been used from 270m below DF in order to avoid the anomalous readings above this point. No density or sonic data was logged over the interval 3523 - 3550m below DF and so both curves have been patched over this zone.

CORRECTION TO DATUM

Seismic reference Datum (SRD) is at Mean Sea Level. The airgun was positioned 9.14m below SRD and using a water velocity of 1480m/s a correction of 6.18ms was calculated between gun and SRD.

VELOCITY MODELLING

Interval velocities above the sonic log were taken as shown below. The velocity between seabed and the top of the sonic has been derived from the time at the check level at 700m below DF.
Depths stated are referenced to Derrick Floor.

20.7m _____ MSL

1480m/s

108m _____ Seabed

2279m/s

270m _____ Top of sonic

SONIC CALIBRATION RESULTS

The top of the sonic log is chosen as the origin for the calibration drift curve. All drift measurements are relative to this point.

The drift curve indicates a number of corrections to be made to the sonic log. Block shifts of 10.12 us/ft, 3.02 us/ft, 5.60 us/ft, 2.49 us/ft, 1.61 us/ft and 6.25 us/ft have been applied over the intervals 270 - 625.5, 625.5 - 1232, 1232 - 1569.5, 1850 - 2437, 2437 - 3157 and 3157 - 3815 m below DF respectively. A zero shift has been applied from 1569.5 to 1850m below DF. No check shot data was available below 3505m and hence the calibration curve is uncontrolled over the zone from 3505m to TD at 3815m below DF. After consultation with ESSO AUSTRALIA LTD. it was decided to continue the drift defined between the knee at 3157m below DF and the check shot at 3505m below DF down to TD.

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

GEOGRAM PROCESSING

Geograms were generated using zero phase and minimum phase Ricker wavelets with frequencies at 20, 25, 30 and 35 Hz.
The presentations include both normal and reverse polarity at 3.75in/sec and 7.5in/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

TIME TO DEPTH CONVERSION

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

REFLECTION COEFFICIENTS - ATTENUATION COEFFICIENTS

Primaries:

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

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

where ρ_1 = density of the layer above the reflection interface
ρ_2 = density of the layer below the reflection interface
v_1 = compressional wave velocity of the layer above the reflection interface
v_2 = compressional wave velocity of the layer below the reflection interface

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

PRIMARIES WITH TRANSMISSION LOSS;

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

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

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

$$\text{Primary}_n = R_n \, A_{n-1}$$

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 + multiples.

MULTIPLES ONLY:

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

WAVELET

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

Choices available include:

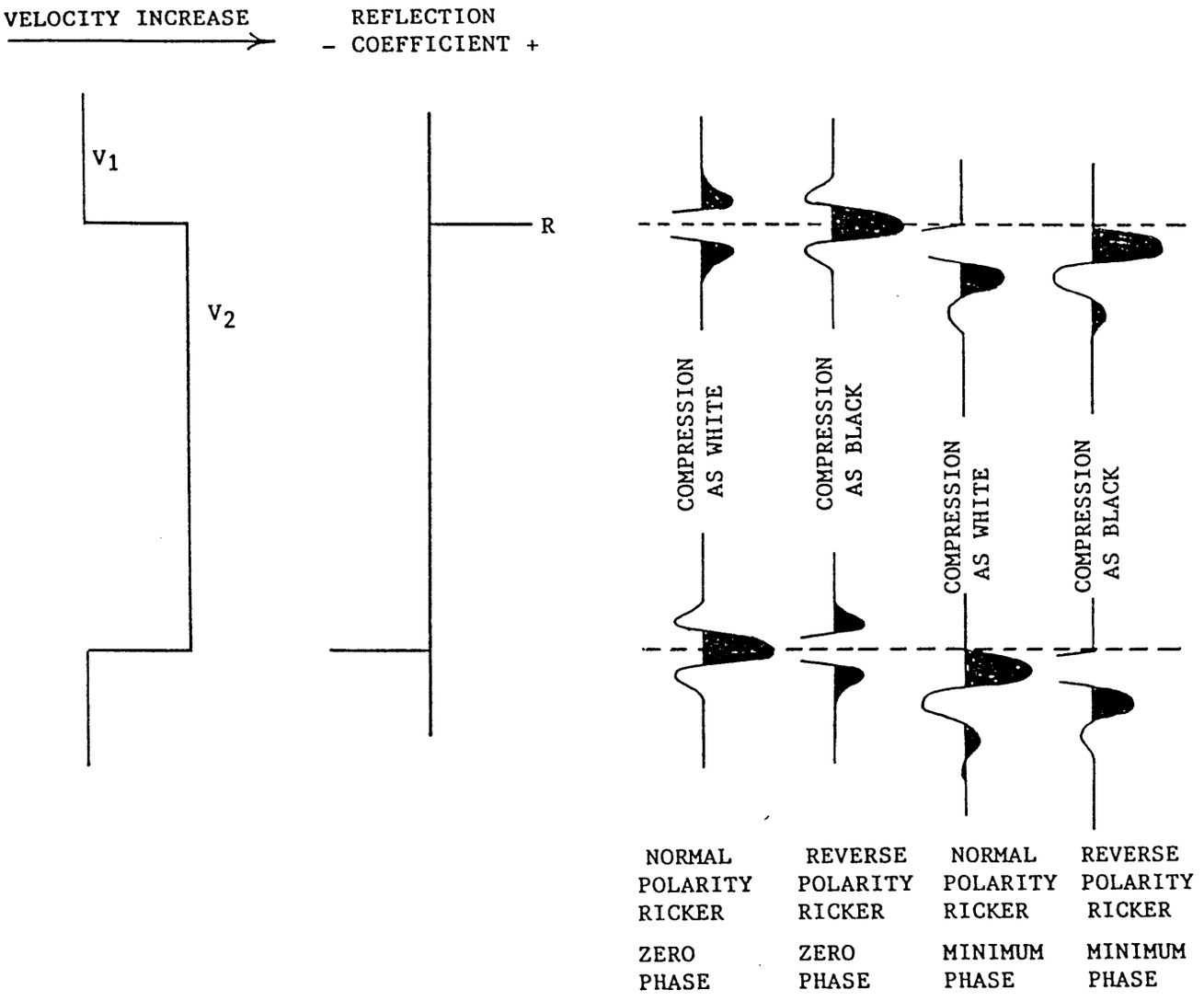
Klauder wavelet
Ricker zero phase wavelet
Ricker zero phase wavelet
Ricker minimum phase wavelet
User defined wavelet

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.

CONVOLUTION

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

SCHLUMBERGER WAVELET POLARITY CONVENTION



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

FIGURE 1

Schlumberger

WELL SEISMIC SERVICE COMPUTATION REQUEST

COMPANY: ESSO AUST. CONTACT: A. BRAMALL

WELL: GRUNTER #1

FIELD/COUNTRY: GIPPSLAND BASIN/VICTORIA

LOCATION/DIVISION: SEA

DATE WST JOB: 24TH/25TH OCT. 1984

DATE SENT:

BY: D. DAWSON/W. PEARCE

NUMBER OF COPIES OF RESULTS (CLIENT)

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

DATA SUPPLIED FOR INTERVALS TO BE PROCESSED

	FROM	TO
A. LOGS : DENSITY	3823	855
SONIC	3810	270
B. SHOTS	3504	700

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 ☐

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 ☒	ALL
ZERO PHASE ☒	ALL
OTHER: ☐	

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

SCALE IS 7.5 IN /SEC + ONE OTHER – SPECIFY 3.75 IN/S

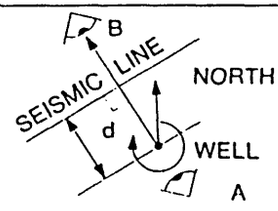
DIP OPTION YES ☐ NO ☐

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 AUST.LTD	GRUNTER 1	OCT. 84	SEA	DAWSON	A. BRAMALL

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

SCHLUMBERGER ZERO	DF	AT ELEVATION	20.7m	RELATIVE TO MEAN SEA LEVEL (M.S.L.)
LOG MEASURED FROM	DF	AT ELEVATION	0m	RELATIVE TO SCHLUMBERGER ZERO
DRILLING MEASURED FROM	DF	AT ELEVATION	0m	RELATIVE TO SCHLUMBERGER ZERO

SOURCE

GUN TYPE WATER ☐ AIR ☒
VOLUME 1 x 120 CU INCHES
PRESSURE _____ BARS _____
VIBRATOR TYPE – _____
SWEEP LENGTH – _____ SECONDS
FROM – HZ TO – HZ

TIDEL INFORMATION DISTANCE HOUR DATE

TIDE LEVEL TO M.S.L.
(RECORD IF LEVEL VARIES
MORE THAN 2 METRES
DURING SURVEY)

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

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

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

SHOT NO.	DEPTH	GUN PRESSURE	FILTERS	TRANSIT TIME	HOUR SHOT	FILE	STACK	STACKED SHOTS	QUALITY / REMARKS
1	700m	120 BAR		318.8	2200	#2	3	10	GOOD
2	700m			318.6	2201	"	3	11	GOOD
3	700m			318.6	2202	"	3	12	GOOD
4	3504m			1175.5	2308	"	4	23	GOOD
5	3504m			1175.5	2311	"	4	24	GOOD
6	3504m			1175.5	2315	"	4	26	GOOD
7	3310m			1121.5	2328	"	5	29	
8	3310m			1122.6	2330	"	5	30	
9	3310m			1120.8	2331	"	5	31	
10	3310m			1121.4		"	5	32	
11	3310m			1118.9		"	5	34	
12	3310m			1121.0	2336	"	5	35	
13	3250m			1102.5	2343	"	6	36	GOOD
14	3250m			1102.3	2346	"	6	37	GOOD
15	3250m			1103.1		2	6	38	GOOD
16	3000m			1039.8	0000	2	7	39	
17	3000m			–	0001	2			POOR
18	3000m			1039.3	0002	2	7	41	GOOD
18	3000m			1039.5	0003	2	7	42	GOOD
19	2805m			988.4	0017	3	8	43	OK
20	2805m			991.7	0020	3	8		GOOD
21	2805m			906	0021	3			POOR
22	2805m			990.7	0022	3	8	46	GOOD
23	2805m			986	0023	3	8	47	POOR
24	2805m			988.6	0024	3	8	48	OK
25	2805m			986	0025	3	8	49	OK
26	2610m			937.9	0037	3	9	50	OK
27	2610m			936.3	0040	3	9	51	OK
28	2610m			936.2	0041	3	9	52	OK
29	2610m			935.3	0042	3	9	53	OK
30	2450m			893.7	0055	3	10	54	OK
31	2450m			888.9	0057	3	–		POOR
32	2450m			893.7	0058	3	10	55	OK
33	2450m			894.2	0059	3	10	56	OK

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

Schlumberger

WELL SEISMIC SERVICE FIELD REPORT

COMPANY	WELL	DATE	LOCATION	ENGINEER	WITNESSED BY
ESSO AUST.LTD	GRUNTER 1	OCT. 84	SEA	PEARCE	A. BRAMALL

FEET ☐ METRES ☐ | JACK UP ☐ PLATFORM ☐ | SHIP ☐ SEMI-SUB ☐ | WEATHER: CALM 1/2M SWELL

SCHLUMBERGER ZERO	DF	AT ELEVATION	20.7m	RELATIVE TO MEAN SEA LEVEL (M.S.L.)
LOG MEASURED FROM	DF	AT ELEVATION	0m	RELATIVE TO SCHLUMBERGER ZERO
DRILLING MEASURED FROM	DF	AT ELEVATION	0m	RELATIVE TO SCHLUMBERGER ZERO

SOURCE

GUN TYPE WATER ☐ AIR ☒
VOLUME 1 x 120 CU INCHES
PRESSURE _____ BARS 0-140 BARS
VIBRATOR TYPE _____
SWEEP LENGTH _____ SECONDS
FROM _____HZ TO _____ HZ

TIDEL INFORMATION DISTANCE HOUR DATE

TIDE LEVEL TO M.S.L.
(RECORD IF LEVEL VARIES
MORE THAN 2 METRES
DURING SURVEY)
23:334

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

SHOT NO.	DEPTH	GUN PRESSURE	FILTERS	TRANSIT TIME	HOUR SHOT	FILE	STACK	STACKED SHOTS	QUALITY / REMARKS
34	2180	120 BARS		814.6	0115	3	11	58	OK
35	2180			814.8	0116	3	11	59	OK
36	2180			813.5	0117	3	11	60	OK
37	1890			728.1	0150	3	12	61	OK
38	1890			727.9	0151	3	12	62	OK
39	1890			727.8	0132	3	11	63	OK
40	1855			717.8	0135	3	13		OK
41	1855			717.7	0136	3	13		OK
42	1835			717.8	0138	3	13		OK
43	1600			626.6	0208	3	14	67	GOOD
44	1600			626.1	0210	3	14	68	GOOD
45	1600			626.0	0211	3	14	69	GOOD
46	1250			506.1	0227	3	15	70	
47	1250			506.2	0223	3	15	71	
48	1250			506.3	0225	3	15	72	
49	900			388.5	0235	3	16		
50	900			388.2	0236	3	16		
51	900			388.5	0237	3	16		
52	700			319.1	0248	3	17	77	
53	700			318.4	0249	3	17	78	
54	700			319.5	0250	3	17	79	
55	700			318.7	0251	3	17	80	
			PULL OUT OF HOLE 0310/25TH						

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

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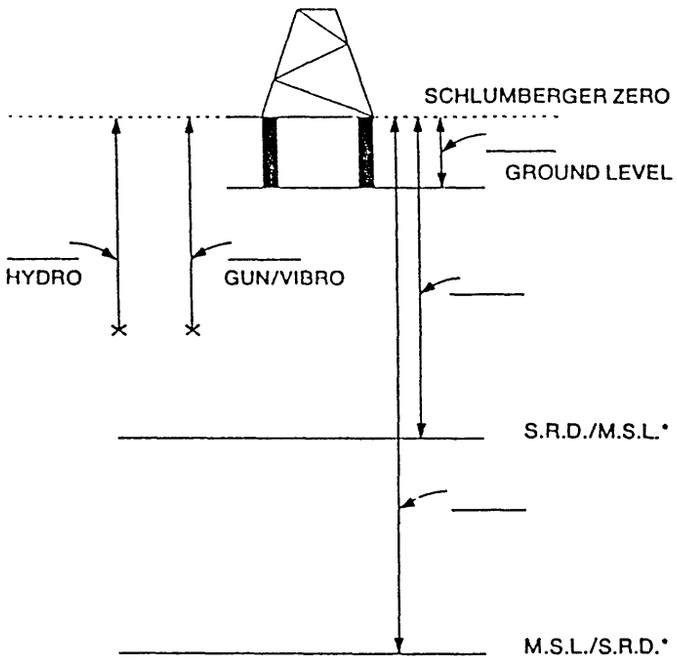
GUN GEOMETRY SKETCH

CLIENT: ESSO AUSTRALIA LTD. WELL: GRUNTER #1 DATE: OCT. 84

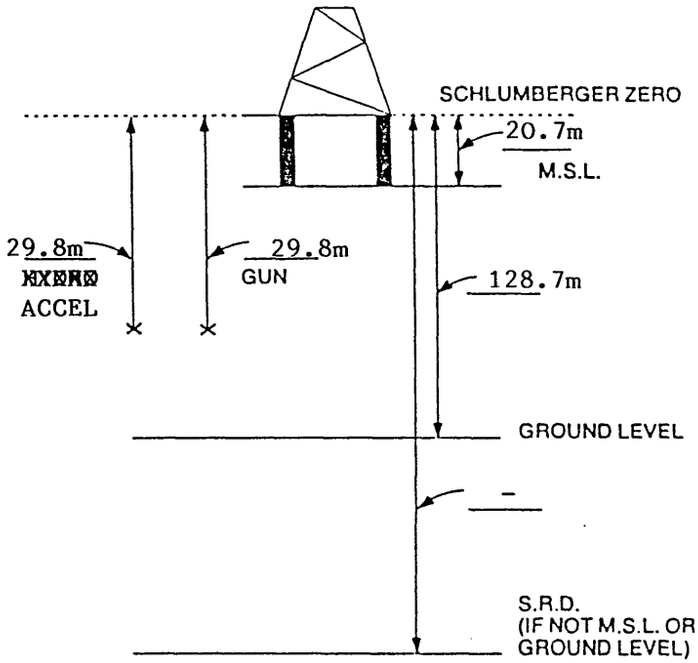
LAND ☐



INDICATE ALL DISTANCES RELATIVE TO SCHLUMBERGER ZERO

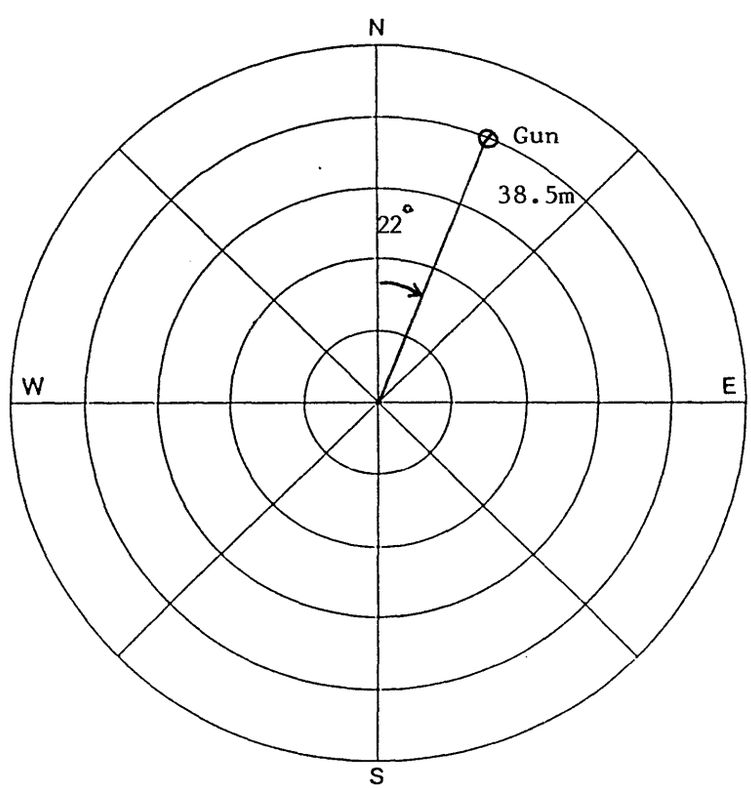
* DELETE AS APPLICABLE

OFFSHORE X



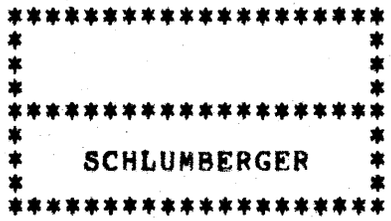
INDICATE ALL DISTANCES RELATIVE TO SCHLUMBERGER ZERO

SHOT POS'N	GUN OFFSET	HYDRO OFFSET	GUN DEPTH	HYDRO DEPTH
1	38.5m	38.5m	9.14m	9.14m
2				
3				
4				
5				
6				
7				



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

ANALYST: R.BUNT 9-DEC-84 20:46:48 PROGRAM: GSHOT 007.E07



GEOPHYSICAL AIRGUN REPORT

COMPANY : ESSO AUSTRALIA LTD.
WELL : GRUNTER # 1.
FIELD : WILDCAT.
COUNTY :
STATE : VICTORIA.
COUNTRY : AUSTRALIA
REFERENCE: FS2A.540,215
LOGGED : 24-OCT-1984

LONG DEFINITIONS

GLOBAL

DF - ELEVATION OF THE DERRICK-FLOOR ABOVE MSL OR MWL
SRD - ELEVATION OF THE SEISMIC REFERENCE DATUM ABOVE MSL OR MWL
EDF - ELEVATION OF DERRICK FLOOR
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
DDF.GSH - MEASURED DEPTH FROM DERRICK-FLOOR
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 DERRICK FLO	EDF	: 20.7000	M
ELEV OF GL AB. SRD(WST)	GL	: -108.000	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	-9,14	14,42	35,70	-9,14	14,42	35,70

	TRT HYD-SC MS	TRT SC-SRD MS
1	0	6,18

	MD @ DF M	VD @ DF M	VD @ SRD M	E-W COORD M	N-S COORD M
1	128,70	128,70	108,00	0	0
2	700,00	700,00	679,30	0	0
3	900,00	900,00	879,30	0	0
4	1250,00	1250,00	1229,30	0	0
5	1600,00	1600,00	1579,30	0	0
6	1855,00	1855,00	1834,30	0	0
7	1890,00	1890,00	1869,30	0	0
8	2180,00	2180,00	2159,30	0	0
9	2450,00	2450,00	2429,30	0	0
10	2610,00	2610,00	2589,30	0	0
11	2805,00	2805,00	2784,30	0	0
12	3000,00	3000,00	2979,30	0	0
13	3250,00	3250,00	3229,30	0	0
14	3310,00	3310,00	3289,30	0	0
15	3505,00	3505,00	3484,30	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	128,70	108,00	0	71,68	66,79	72,97	1480			
								571,30	250,68	2279
2	700,00	679,30	571,30	318,00	317,48	323,65	2099			
								200,00	70,14	2851
3	900,00	879,30	771,30	388,00	387,62	393,80	2233			
								350,00	116,13	3014
4	1250,00	1229,30	1121,30	504,00	503,75	509,93	2411			
								350,00	122,06	2867
5	1600,00	1579,30	1471,30	626,00	625,81	631,99	2499			
								255,00	91,03	2801
6	1855,00	1834,30	1726,30	717,00	716,84	723,02	2537			
								35,00	10,00	3499
7	1890,00	1869,30	1761,30	727,00	726,84	733,02	2550			
								290,00	87,03	3332
8	2180,00	2159,30	2051,30	814,00	813,87	820,05	2633			
								270,00	80,02	3374
9	2450,00	2429,30	2321,30	894,00	893,89	900,06	2699			
								160,00	41,01	3902
10	2610,00	2589,30	2481,30	935,00	934,90	941,07	2751			
								195,00	52,01	3749
11	2805,00	2784,30	2676,30	987,00	986,91	993,08	2804			
								195,00	52,01	3749
12	3000,00	2979,30	2871,30	1039,00	1038,91	1045,09	2851			
								250,00	63,01	3968
13	3250,00	3229,30	3121,30	1102,00	1101,92	1108,10	2914			
								60,00	18,00	3333
14	3310,00	3289,30	3181,30	1120,00	1119,92	1126,10	2921			
								195,00	55,00	3545
15	3505,00	3484,30	3376,30	1175,00	1174,93	1181,10	2950			

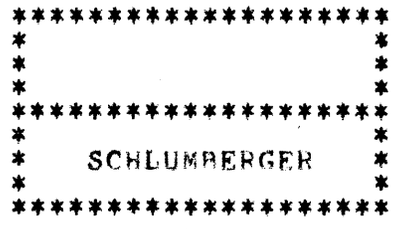
ANALYST: R.HUNT 9-DEC-84 20:51:05 PROGRAM: GDRIFT 007.E08

SCHLUMBERGER

DRIFT COMPUTATION REPORT

COMPANY : ESSO AUSTRALIA LTD.
WELL : GRUNTER # 1.
FIELD : WILDCAT.
COUNTY :
STATE : VICTORIA.
COUNTRY : AUSTRALIA
REFERENCE: FS2A.540,215
LOGGED : 24-OCT-1984

ANALYST: R.BUNT 9-DEC-84 20:51:05 PROGRAM: GDRIFT 007.E08



DRIFT COMPUTATION REPORT

COMPANY : ESSO AUSTRALIA LTD.
WELL : GRUNTER # 1.
FIELD : WILDCAT.
COUNTY :
STATE : VICTORIA.
COUNTRY : AUSTRALIA
REFERENCE: FS2A.540,215
LOGGED : 24-OCT-1984

LONG DEFINITIONS

GLOBAL

DF - ELEVATION OF THE DERRICK-FLOOR ABOVE MSL OR MWL
SRD - ELEVATION OF THE SEISMIC REFERENCE DATUM ABOVE MSL OR MWL
EDF - ELEVATION OF DERRICK FLOOR
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

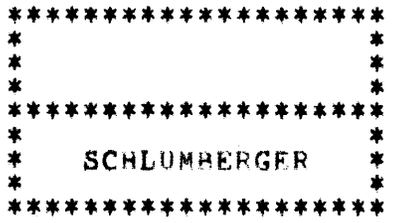
SHOT - SHOT NUMBER
DDF - MEASURED DEPTH FROM DERRICK-FLOOR
DSRD - DEPTH FROM SRD
DGL - VERTICAL DEPTH RELATIVE TO GROUND LEVEL (USER'S REFERENCE)
SHTM - SHOT TIME (WST)
RAWS - RAW SONIC (WST)
SHDR - DRIFT AT SHOT OR KNEE
BLSH - BLOCK SHIFT BETWEEN SHOTS OR KNEE

(GLOBAL PARAMETERS)		(VALUE)	
ELEV OF DF AB. MSL (WST)	DF	20.7000	M
ELEV OF SRD AB. MSL(WST)	SRD	0	M
ELEVATION OF DERRICK FLO	EDF	20.7000	M
ELEV OF GL AB. SRD(WST)	GL	-108.000	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.002.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/F
1	128.70	108.00	0	72.97	72.97	0	0
2	270.05	249.35	141.35	134.99	134.99	0	0
3	700.00	679.30	571.30	323.65	310.80	12.85	9.11
4	900.00	879.30	771.30	393.80	378.79	15.01	3.28
5	1250.00	1229.30	1121.30	509.93	492.08	17.85	2.47
6	1600.00	1579.30	1471.30	631.99	608.31	23.68	5.08
7	1855.00	1834.30	1726.30	723.02	698.80	24.21	.63
8	1890.00	1869.30	1761.30	733.02	709.05	23.97	-2.12
9	2180.00	2159.30	2051.30	820.05	794.08	25.97	2.10
10	2450.00	2429.30	2321.30	900.06	871.45	28.61	2.98
11	2610.00	2589.30	2481.30	941.07	910.58	30.49	3.57
12	2805.00	2784.30	2676.30	993.08	962.35	30.73	.38
13	3000.00	2979.30	2871.30	1045.09	1012.68	32.41	2.62
14	3250.00	3229.30	3121.30	1108.10	1074.47	33.62	1.48
15	3310.00	3289.30	3181.30	1126.10	1089.95	36.15	12.85
16	3505.00	3484.30	3376.30	1181.10	1140.75	40.35	6.57
17	3814.88	3794.18	3686.18	1262.89	1222.54	40.35	0

ANALYST: R.BUNT 9-DEC-84 21:23:27 PROGRAM: GADJST 008.E07



SONIC ADJUSTMENT PARAMETER REPORT

COMPANY : ESSO AUSTRALIA LTD.
WELL : GRUNTER # 1.
FIELD : WILDCAT.
COUNTY :
STATE : VICTORIA.
COUNTRY : AUSTRALIA
REFERENCE: FS2A.540,215
LOGGED : 24-OCT-1984

LONG DEFINITIONS

GLOBAL
SRCDRF - ORIGIN OF ADJUSTMENT DATA
CONADJ - CONSTANT ADJUSTMENT TO AUTOMATIC DELTA-T MINIMUM = 7,5 US/F
UNERTH - UNIFORM EARTH VELOCITY (GTRFRM)

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

SAMPLED
SHOT - SHOT NUMBER
VDDF - VERTICAL DEPTH RELATIVE TO DF
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 (MST)	SRCDRF	: 2,00000	
CONS SONIC ADJST (MST)	CONADJ	: 7,50000	US/F
UNIFORM EARTH VELOCITY	UNERTH	: 2133,60	M/S

(ZONED PARAMETERS)		(VALUE)		(LIMITS)		
USER DRIFT ZONE (MST)	ZDRIFT	: 46,10000	MS	3815,00	-	3157,00
		32,60000		3157,00		2437,00
		28,80000		2437,00		1850,00
		24,00000		1850,00		1569,50
		24,00000		1569,50		1232,00
		17,80000		1232,00		625,500
		11,80000		625,500		270,000
		0		270,000		0
ADJUSMNT MODE (MST)	ADJOPZ	:-999,2500		30479,7	-	0
USER DELTA-T MIN (MST)	ADJUSZ	:-999,2500	US/F	30479,7	-	0
LAYER OPTION FLAG VELOC	LOFVEL	: 1,000000		30479,7	-	0
USER VELOC (MST)	LAYVEL	: 1480,000	M/S	30479,7	-	0

KNEE NUMBER	VERTICAL DEPTH FROM DF M	VERTICAL DEPTH FROM SRD M	VERTICAL DEPTH FROM GL M	DRIFT AT KNEE MS	BLOCKSHIFT USED US/F	DELTA-T MINIMUM USED US/F	REDUCTION FACTOR G	EQUIVALENT BLOCKSHIFT US/F
2	270.00	249.30	141.30	0	0			0
3	625.50	604.80	496.80	11.80	10.12			10.12
4	1232.00	1211.30	1103.30	17.80	3.02			3.02
5	1569.50	1548.80	1440.80	24.00	5.60			5.60
6	1859.00	1829.30	1721.30	24.00	0			0
7	2437.00	2416.30	2308.30	28.80	2.49			2.49
8	3157.00	3136.30	3028.30	32.60	1.61			1.61
9	3815.00	3794.30	3686.30	46.10	6.25			6.25

ANALYST: R.BUNT 9-DEC-84 21:23:39 PROGRAM: GADJST 008,E07

VELOCITY REPORT

COMPANY : ESSO AUSTRALIA LTD.
WELL : GRUNTER # 1.
FIELD : WILDCAT.
COUNTY :
STATE : VICTORIA.
COUNTRY : AUSTRALIA
REFERENCE: FS2A.540,215
LOGGED : 24-OCT-1984

LONG DEFINITIONS

GLOBAL

DF - ELEVATION OF THE DERRICK-FLOOR ABOVE MSL OR MWL
SRD - ELEVATION OF THE SEISMIC REFERENCE DATUM ABOVE MSL OR MWL
EDF - ELEVATION OF DERRICK FLOOR
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
DDF - MEASURED DEPTH FROM DERRICK-FLOOR
DSRD - DEPTH FROM SRD
DGL - VERTICAL DEPTH RELATIVE TO GROUND LEVEL (USER'S REFERENCE)
SHTM - SHOT TIME (WST)
ADJS - ADJUSTED SONIC TRAVEL TIME
SHDR - DRIFT AT SHOT OR KNEE
REST - RESIDUAL TRAVEL TIME AT KNEE
INTV - INTERNAL VELOCITY, AVERAGE

(GLOBAL PARAMETERS)		(VALUE)	
ELEV OF DF AB. MSL (WST)	DF	: 20.7000	M
ELEV OF SRD AB. MSL(WST)	SRD	: 0	M
ELEVATION OF DERRICK FLO	EDF	: 20.7000	M
ELEV OF GL AB. SRD(WST)	GL	: -108.000	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	: 1480.000	M/S	30479.7	-	0

LEVEL NUMBER	MEASURED DEPTH FROM DF M	VERTICAL DEPTH FROM SRD M	VERTICAL DEPTH FROM GL M	VERTICAL TRAVEL TIME SRD/GEOPH MS	INTEGRATED ADJUSTED SONIC TIME MS	DRIFT = SHOT TIME - RAW SON MS	RESIDUAL = SHOT TIME - ADJ SON MS	ADJUSTED INTERVAL VELOCITY M/S
1	128.70	108.00	0	72.97	72.97	0	0	1480
2	270.05	249.35	141.35	134.99	135.00	0	0	2279
3	700.00	679.30	571.30	323.65	323.33	12.85	.32	2283
4	900.00	879.30	771.30	393.80	393.30	15.01	.49	2858
5	1250.00	1229.30	1121.30	509.93	510.21	17.85	-.28	2994
6	1600.00	1579.30	1471.30	631.99	632.30	23.68	-.32	2867
7	1855.00	1834.30	1726.30	723.02	722.84	24.21	.17	2816
8	1890.00	1869.30	1761.30	733.02	733.38	23.97	-.36	3323
9	2180.00	2159.30	2051.30	820.05	820.77	25.97	-.73	3318
10	2450.00	2429.30	2321.30	900.06	900.32	28.61	-.25	3394
11	2610.00	2589.30	2481.30	941.07	940.29	30.49	.78	4002
12	2805.00	2784.30	2676.30	993.08	993.08	30.73	0	3694
13	3000.00	2979.30	2871.30	1045.09	1044.44	32.41	.65	3797
14	3250.00	3229.30	3121.30	1108.10	1108.98	33.62	-.88	3874
15	3310.00	3289.30	3181.30	1126.10	1125.68	36.15	.42	3592
16	3505.00	3484.30	3376.30	1181.10	1180.48	40.35	.62	3558
17	3814.88	3794.18	3686.18	1262.89	1268.62	40.35	-5.73	3516

TIME/DEPTH

ANALYST: R.HUNT 9-DEC-84 21:45:25 PROGRAM: GTRFRM 007,E08

TIME CONVERTED VELOCITY REPORT

COMPANY : ESSO AUSTRALIA LTD.
WELL : GRUNTER # 1.
FIELD : WILDCAT.
COUNTY : -

STATE : VICTORIA.
COUNTRY : AUSTRALIA
REFERENCE: FS2A,540,215
LOGGED : 24-OCT-1984

ANALYST: R.HUNT 9-DEC-84 21:45:25 PROGRAM: GTRFRM 007.E08

TIME CONVERTED VELOCITY REPORT

COMPANY : ESSO AUSTRALIA LTD.
WELL : GRUNTER # 1.
FIELD : WILDCAT.
COUNTY : -
STATE : VICTORIA.
COUNTRY : AUSTRALIA
REFERENCE: FS2A,540,215
LOGGED : 24-OCT-1984

LONG DEFINITIONS

GLOBAL

DF - ELEVATION OF THE DERRICK-FLOOR 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
DDF - MEASURED DEPTH FROM DERRICK-FLOOR
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	: -108.000	M
UNIFORM EARTH VELOCITY	UNERTH	: 2133.60	M/S
UNIFORM DENSITY VALUE	UNFDEN	: 2.30000	G/C3

(MATRIX PARAMETERS)

	MVOUT DIST M
1	914.4
2	1371.6
3	1828.8

(ZONED PARAMETERS)		(VALUE)		(LIMITS)		
LAYER OPTION FLAG VELOC	LOFVEL	: 1.000000		30479.7	-	0
USER VELOC (WST)	LAYVEL	: 1480.000	M/S	30479.7	-	0
LAYER OPTION FLAG DENS	LOFDEN	:-1.000000		30479.7	-	0
USER SUPPLIED DENSITY DA	LAYDEN	:-999.2500	G/C3	30479.7	-	0

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
								1480
0	20.70	0						1480
2.00	22.18	1.48	1480	1480	615.84	924.76	1233.68	1480
4.00	23.66	2.96	1480	1480	613.85	922.77	1231.68	1480
6.00	25.14	4.44	1480	1480	611.87	920.78	1229.69	1480
8.00	26.62	5.92	1480	1480	609.89	918.79	1227.70	1480
10.00	28.10	7.40	1480	1480	607.92	916.81	1225.72	1480
12.00	29.58	8.88	1480	1480	605.95	914.83	1223.73	1480
14.00	31.06	10.36	1480	1480	604.00	912.86	1221.75	1480
16.00	32.54	11.84	1480	1480	602.05	910.89	1219.78	1480
18.00	34.02	13.32	1480	1480	600.10	908.93	1217.81	1480
20.00	35.50	14.80	1480	1480	598.16	906.97	1215.84	1480
22.00	36.98	16.28	1480	1480	596.23	905.02	1213.87	1480
24.00	38.46	17.76	1480	1480	594.30	903.07	1211.91	1480
26.00	39.94	19.24	1480	1480	592.38	901.12	1209.95	1480
28.00	41.42	20.72	1480	1480	590.47	899.18	1207.99	1480
30.00	42.90	22.20	1480	1480	588.57	897.24	1206.04	1480
32.00	44.38	23.68	1480	1480	586.67	895.31	1204.09	1480
34.00	45.86	25.16	1480	1480	584.77	893.38	1202.14	1480
36.00	47.34	26.64	1480	1480	582.89	891.46	1200.20	1480
38.00	48.82	28.12	1480	1480	581.01	889.54	1198.26	1480
40.00	50.30	29.60	1480	1480	579.13	887.62	1196.32	1480
42.00	51.78	31.08	1480	1480	577.26	885.71	1194.39	1480
44.00	53.26	32.56	1480	1480	575.40	883.80	1192.46	1480
46.00	54.74	34.04	1480	1480	573.55	881.90	1190.53	

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
								1480
48.00	56.22	35.52	1480	1480	571.70	880.00	1188.61	1480
50.00	57.70	37.00	1480	1480	569.86	878.10	1186.69	1480
52.00	59.18	38.48	1480	1480	568.02	876.21	1184.77	1480
54.00	60.66	39.96	1480	1480	566.19	874.33	1182.85	1480
56.00	62.14	41.44	1480	1480	564.37	872.45	1180.94	1480
58.00	63.62	42.92	1480	1480	562.55	870.57	1179.04	1480
60.00	65.10	44.40	1480	1480	560.74	868.70	1177.13	1480
62.00	66.58	45.88	1480	1480	558.94	866.83	1175.23	1480
64.00	68.06	47.36	1480	1480	557.14	864.96	1173.33	1480
66.00	69.54	48.84	1480	1480	555.35	863.10	1171.44	1480
68.00	71.02	50.32	1480	1480	553.57	861.25	1169.55	1480
70.00	72.50	51.80	1480	1480	551.79	859.40	1167.66	1480
72.00	73.98	53.28	1480	1480	550.02	857.55	1165.77	1480
74.00	75.46	54.76	1480	1480	548.25	855.71	1163.89	1480
76.00	76.94	56.24	1480	1480	546.49	853.87	1162.01	1480
78.00	78.42	57.72	1480	1480	544.74	852.03	1160.14	1480
80.00	79.90	59.20	1480	1480	543.00	850.20	1158.26	1480
82.00	81.38	60.68	1480	1480	541.26	848.38	1156.39	1480
84.00	82.86	62.16	1480	1480	539.52	846.56	1154.53	1480
86.00	84.34	63.64	1480	1480	537.79	844.74	1152.66	1480
88.00	85.82	65.12	1480	1480	536.07	842.93	1150.81	1480
90.00	87.30	66.60	1480	1480	534.36	841.12	1148.95	1480
92.00	88.78	68.08	1480	1480	532.65	839.31	1147.10	1480
94.00	90.26	69.56	1480	1480	530.95	837.51	1145.25	

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
								1480
96.00	91.74	71.04	1480	1480	529.25	835.72	1143.40	1480
98.00	93.22	72.52	1480	1480	527.56	833.92	1141.56	1480
100.00	94.70	74.00	1480	1480	525.88	832.14	1139.72	1480
102.00	96.18	75.48	1480	1480	524.20	830.35	1137.88	1480
104.00	97.66	76.96	1480	1480	522.53	828.57	1136.04	1480
106.00	99.14	78.44	1480	1480	520.86	826.80	1134.21	1480
108.00	100.62	79.92	1480	1480	519.21	825.03	1132.39	1480
110.00	102.10	81.40	1480	1480	517.55	823.26	1130.56	1480
112.00	103.58	82.88	1480	1480	515.91	821.50	1128.74	1480
114.00	105.06	84.36	1480	1480	514.27	819.74	1126.92	1480
116.00	106.54	85.84	1480	1480	512.63	817.99	1125.11	1480
118.00	108.02	87.32	1480	1480	511.01	816.24	1123.30	1480
120.00	109.50	88.80	1480	1480	509.38	814.49	1121.49	1480
122.00	110.98	90.28	1480	1480	507.77	812.75	1119.68	1480
124.00	112.46	91.76	1480	1480	506.16	811.02	1117.88	1480
126.00	113.94	93.24	1480	1480	504.56	809.28	1116.08	1480
128.00	115.42	94.72	1480	1480	502.96	807.55	1114.29	1480
130.00	116.90	96.20	1480	1480	501.37	805.83	1112.50	1480
132.00	118.38	97.68	1480	1480	499.78	804.11	1110.71	1480
134.00	119.86	99.16	1480	1480	498.20	802.39	1108.92	1480
136.00	121.34	100.64	1480	1480	496.63	800.68	1107.14	1480
138.00	122.82	102.12	1480	1480	495.06	798.97	1105.36	1480
140.00	124.30	103.60	1480	1480	493.50	797.27	1103.58	1480
142.00	125.78	105.08	1480	1480	491.95	795.57	1101.81	

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
144.00	127.26	106.56	1480	1480	490.40	793.88	1100.04	1556
146.00	128.82	108.12	1481	1481	488.42	791.53	1097.39	2279
148.00	131.10	110.40	1492	1495	481.41	781.51	1084.45	2279
150.00	133.37	112.67	1502	1508	474.71	771.93	1072.11	2279
152.00	135.65	114.95	1513	1521	468.28	762.77	1060.31	2279
154.00	137.93	117.23	1522	1533	462.12	754.00	1049.02	2279
156.00	140.21	119.51	1532	1545	456.20	745.58	1038.21	2279
158.00	142.49	121.79	1542	1556	450.50	737.49	1027.82	2279
160.00	144.77	124.07	1551	1567	445.01	729.70	1017.85	2279
162.00	147.05	126.35	1560	1578	439.71	722.21	1008.25	2279
164.00	149.33	128.63	1569	1588	434.60	714.97	999.01	2279
166.00	151.61	130.91	1577	1598	429.65	707.99	990.09	2279
168.00	153.88	133.18	1586	1608	424.87	701.25	981.49	2279
170.00	156.16	135.46	1594	1618	420.24	694.72	973.17	2279
172.00	158.44	137.74	1602	1627	415.75	688.40	965.13	2279
174.00	160.72	140.02	1609	1636	411.40	682.27	957.34	2279
176.00	163.00	142.30	1617	1645	407.17	676.33	949.80	2279
178.00	165.28	144.58	1624	1653	403.06	670.57	942.48	2279
180.00	167.56	146.86	1632	1661	399.06	664.96	935.38	2279
182.00	169.84	149.14	1639	1669	395.18	659.51	928.48	2279
184.00	172.12	151.42	1646	1677	391.39	654.21	921.77	2279
186.00	174.40	153.70	1653	1685	387.70	649.05	915.25	2279
188.00	176.67	155.97	1659	1692	384.11	644.02	908.90	2279
190.00	178.95	158.25	1666	1700	380.60	639.12	902.72	

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
								2279
192.00	181.23	160.53	1672	1707	377.18	634.34	896.69	2279
194.00	183.51	162.81	1678	1713	373.83	629.67	890.82	2279
196.00	185.79	165.09	1685	1720	370.56	625.11	885.08	2279
198.00	188.07	167.37	1691	1727	367.37	620.65	879.48	2279
200.00	190.35	169.65	1696	1733	364.25	616.30	874.01	2279
202.00	192.63	171.93	1702	1739	361.19	612.04	868.66	2279
204.00	194.91	174.21	1708	1745	358.20	607.87	863.44	2279
206.00	197.19	176.49	1713	1751	355.27	603.79	858.32	2279
208.00	199.46	178.76	1719	1757	352.40	599.79	853.31	2279
210.00	201.74	181.04	1724	1763	349.58	595.87	848.41	2279
212.00	204.02	183.32	1729	1768	346.82	592.03	843.61	2279
214.00	206.30	185.60	1735	1774	344.12	588.26	838.90	2279
216.00	208.58	187.88	1740	1779	341.46	584.56	834.28	2279
218.00	210.86	190.16	1745	1785	338.86	580.94	829.75	2279
220.00	213.14	192.44	1749	1790	336.30	577.37	825.31	2279
222.00	215.42	194.72	1754	1795	333.79	573.88	820.95	2279
224.00	217.70	197.00	1759	1800	331.32	570.44	816.67	2279
226.00	219.98	199.28	1763	1804	328.89	567.06	812.46	2279
228.00	222.25	201.55	1768	1809	326.51	563.74	808.32	2279
230.00	224.53	203.83	1772	1814	324.16	560.47	804.26	2279
232.00	226.81	206.11	1777	1818	321.86	557.26	800.26	2279
234.00	229.09	208.39	1781	1823	319.59	554.10	796.33	2279
236.00	231.37	210.67	1785	1827	317.36	550.98	792.46	2279
238.00	233.65	212.95	1789	1831	315.16	547.92	788.66	

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
								2279
240.00	235.93	215.23	1794	1835	313.00	544.90	784.91	2279
242.00	238.21	217.51	1798	1839	310.87	541.93	781.22	2279
244.00	240.49	219.79	1802	1844	308.78	539.00	777.58	2279
246.00	242.76	222.06	1805	1847	306.71	536.12	774.00	2279
248.00	245.04	224.34	1809	1851	304.68	533.27	770.47	2279
250.00	247.32	226.62	1813	1855	302.67	530.47	767.00	2279
252.00	249.60	228.90	1817	1859	300.69	527.70	763.57	2279
254.00	251.88	231.18	1820	1863	298.75	524.97	760.18	2279
256.00	254.16	233.46	1824	1866	296.83	522.28	756.85	2279
258.00	256.44	235.74	1827	1870	294.93	519.62	753.55	2279
260.00	258.72	238.02	1831	1873	293.06	517.00	750.31	2279
262.00	261.00	240.30	1834	1877	291.22	514.41	747.10	2279
264.00	263.28	242.58	1838	1880	289.40	511.86	743.93	2279
266.00	265.55	244.85	1841	1883	287.61	509.33	740.81	2279
268.00	267.83	247.13	1844	1887	285.84	506.84	737.72	2262
270.00	270.10	249.40	1847	1890	284.12	504.43	734.75	1899
272.00	271.99	251.29	1848	1890	283.09	503.11	733.25	1926
274.00	273.92	253.22	1848	1890	282.01	501.72	731.67	1908
276.00	275.83	255.13	1849	1890	280.97	500.38	730.15	1894
278.00	277.72	257.02	1849	1890	279.96	499.08	728.69	1933
280.00	279.65	258.95	1850	1890	278.89	497.69	727.09	1925
282.00	281.58	260.88	1850	1891	277.84	496.33	725.53	1939
284.00	283.52	262.82	1851	1891	276.77	494.93	723.92	1941
286.00	285.46	264.76	1851	1891	275.71	493.53	722.31	

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	287.45	266.75	1852	1892	274.57	492.01	720.52	1993
290.00	289.40	268.70	1853	1893	273.52	490.62	718.92	1945
292.00	291.34	270.64	1854	1893	272.47	489.23	717.31	1947
294.00	293.33	272.63	1855	1893	271.37	487.76	715.59	1981
296.00	295.32	274.62	1856	1894	270.27	486.28	713.84	1991
298.00	297.32	276.62	1857	1895	269.15	484.77	712.06	2003
300.00	299.29	278.59	1857	1895	268.09	483.35	710.41	1970
302.00	301.22	280.52	1858	1896	267.10	482.03	708.88	1933
304.00	303.18	282.48	1858	1896	266.07	480.66	707.28	1956
306.00	305.14	284.44	1859	1897	265.05	479.29	705.67	1962
308.00	307.11	286.41	1860	1897	264.02	477.90	704.05	1968
310.00	309.10	288.40	1861	1898	262.97	476.47	702.37	1989
312.00	311.05	290.35	1861	1898	261.98	475.13	700.80	1955
314.00	313.00	292.30	1862	1898	261.01	473.83	699.28	1941
316.00	314.98	294.28	1863	1899	259.98	472.44	697.64	1984
318.00	316.95	296.25	1863	1899	258.99	471.08	696.04	1971
320.00	318.95	298.25	1864	1900	257.95	469.66	694.36	2001
322.00	320.94	300.24	1865	1901	256.94	468.27	692.70	1993
324.00	322.96	302.26	1866	1901	255.90	466.83	690.99	2016
326.00	324.99	304.29	1867	1902	254.85	465.38	689.25	2025
328.00	327.01	306.31	1868	1903	253.82	463.94	687.52	2025
330.00	329.06	308.36	1869	1904	252.75	462.44	685.72	2053
332.00	331.13	310.43	1870	1905	251.67	460.93	683.89	2066
334.00	333.18	312.48	1871	1906	250.62	459.45	682.10	2054

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
336.00	335.25	314.55	1872	1907	249.56	457.96	680.29	2065
338.00	337.32	316.62	1874	1908	248.50	456.45	678.46	2074
340.00	339.41	318.71	1875	1909	247.43	454.93	676.61	2085
342.00	341.49	320.79	1876	1910	246.38	453.43	674.78	2082
344.00	343.55	322.85	1877	1911	245.35	451.98	673.02	2062
346.00	345.51	324.81	1878	1911	244.46	450.75	671.56	1962
348.00	347.50	326.80	1878	1912	243.55	449.47	670.04	1984
350.00	349.49	328.79	1879	1912	242.63	448.18	668.50	1995
352.00	351.52	330.82	1880	1913	241.68	446.83	666.87	2028
354.00	353.55	332.85	1881	1913	240.73	445.49	665.25	2028
356.00	355.60	334.90	1881	1914	239.77	444.12	663.58	2047
358.00	357.64	336.94	1882	1915	238.82	442.77	661.94	2040
360.00	359.70	339.00	1883	1916	237.85	441.38	660.25	2062
362.00	361.74	341.04	1884	1916	236.92	440.04	658.62	2042
364.00	363.79	343.09	1885	1917	235.98	438.70	656.99	2044
366.00	365.85	345.15	1886	1918	235.03	437.33	655.32	2064
368.00	367.92	347.22	1887	1919	234.08	435.96	653.64	2070
370.00	370.04	349.34	1888	1920	233.08	434.50	651.82	2123
372.00	372.20	351.50	1890	1921	232.04	432.97	649.92	2158
374.00	374.30	353.60	1891	1922	231.08	431.56	648.18	2103
376.00	376.43	355.73	1892	1924	230.09	430.11	646.38	2130
378.00	378.57	357.87	1893	1925	229.11	428.66	644.57	2136
380.00	380.71	360.01	1895	1926	228.12	427.21	642.77	2140
382.00	382.87	362.17	1896	1927	227.12	425.72	640.92	2161

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
384.00	385.07	364.37	1898	1929	226.09	424.17	638.97	2202
386.00	387.29	366.59	1899	1930	225.04	422.60	636.99	2218
388.00	389.49	368.79	1901	1932	224.03	421.09	635.08	2195
390.00	391.67	370.97	1902	1933	223.04	419.62	633.23	2181
392.00	393.84	373.14	1904	1935	222.07	418.16	631.39	2178
394.00	396.01	375.31	1905	1936	221.12	416.73	629.60	2165
396.00	398.21	377.51	1907	1937	220.13	415.25	627.73	2199
398.00	400.41	379.71	1908	1939	219.15	413.77	625.87	2204
400.00	402.65	381.95	1910	1940	218.15	412.24	623.92	2240
402.00	404.92	384.22	1912	1942	217.12	410.67	621.92	2267
404.00	407.33	386.63	1914	1945	215.94	408.83	619.54	2414
406.00	409.82	389.12	1917	1948	214.69	406.89	617.00	2482
408.00	412.01	391.31	1918	1949	213.76	405.48	615.21	2198
410.00	414.23	393.53	1920	1950	212.83	404.05	613.40	2214
412.00	416.45	395.75	1921	1952	211.89	402.62	611.58	2224
414.00	418.71	398.01	1923	1953	210.92	401.13	609.68	2261
416.00	420.96	400.26	1924	1955	209.98	399.68	607.83	2247
418.00	423.26	402.56	1926	1957	208.99	398.15	605.85	2301
420.00	425.55	404.85	1928	1958	208.02	396.65	603.92	2290
422.00	427.82	407.12	1929	1960	207.07	395.19	602.05	2272
424.00	430.11	409.41	1931	1962	206.12	393.71	600.16	2285
426.00	432.37	411.67	1933	1963	205.21	392.29	598.34	2260
428.00	434.64	413.94	1934	1965	204.29	390.87	596.51	2269
430.00	436.93	416.23	1936	1966	203.36	389.42	594.64	2290

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
								2243
432.00	439.17	418.47	1937	1968	202.48	388.06	592.90	2259
434.00	441.43	420.73	1939	1969	201.60	386.69	591.12	2265
436.00	443.69	422.99	1940	1971	200.72	385.31	589.35	2264
438.00	445.96	425.26	1942	1972	199.84	383.94	587.59	2281
440.00	448.24	427.54	1943	1974	198.96	382.56	585.80	2241
442.00	450.48	429.78	1945	1975	198.12	381.25	584.12	2267
444.00	452.74	432.04	1946	1976	197.26	379.91	582.38	2262
446.00	455.01	434.31	1948	1978	196.42	378.58	580.67	2275
448.00	457.28	436.58	1949	1979	195.57	377.24	578.94	2269
450.00	459.55	438.85	1950	1980	194.73	375.93	577.24	2300
452.00	461.85	441.15	1952	1982	193.88	374.57	575.48	2278
454.00	464.13	443.43	1953	1983	193.04	373.26	573.77	2288
456.00	466.41	445.71	1955	1985	192.21	371.94	572.06	2312
458.00	468.73	448.03	1956	1986	191.37	370.59	570.31	2309
460.00	471.04	450.34	1958	1988	190.53	369.26	568.57	2335
462.00	473.37	452.67	1960	1990	189.68	367.90	566.79	2340
464.00	475.71	455.01	1961	1991	188.83	366.55	565.01	2357
466.00	478.07	457.37	1963	1993	187.98	365.17	563.21	2338
468.00	480.41	459.71	1965	1994	187.15	363.84	561.46	2320
470.00	482.73	462.03	1966	1996	186.34	362.54	559.76	2336
472.00	485.06	464.36	1968	1998	185.52	361.23	558.04	2314
474.00	487.38	466.68	1969	1999	184.73	359.95	556.37	2322
476.00	489.70	469.00	1971	2000	183.94	358.68	554.70	2349
478.00	492.05	471.35	1972	2002	183.13	357.38	552.98	

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
								2359
480.00	494.41	473.71	1974	2004	182.32	356.07	551.25	2460
482.00	496.87	476.17	1976	2006	181.44	354.63	549.34	2405
484.00	499.27	478.57	1978	2008	180.62	353.28	547.55	2390
486.00	501.66	480.96	1979	2009	179.81	351.96	545.80	2373
488.00	504.04	483.34	1981	2011	179.02	350.67	544.09	2348
490.00	506.38	485.68	1982	2012	178.25	349.43	542.45	2344
492.00	508.73	488.03	1984	2014	177.50	348.20	540.82	2334
494.00	511.06	490.36	1985	2015	176.76	346.99	539.22	2372
496.00	513.43	492.73	1987	2017	175.99	345.74	537.56	2320
498.00	515.75	495.05	1988	2018	175.27	344.56	536.01	2275
500.00	518.03	497.33	1989	2019	174.59	343.45	534.54	2356
502.00	520.38	499.68	1991	2021	173.85	342.24	532.94	2482
504.00	522.87	502.17	1993	2023	173.04	340.89	531.12	2494
506.00	525.36	504.66	1995	2025	172.22	339.52	529.28	2463
508.00	527.82	507.12	1997	2027	171.43	338.21	527.52	2484
510.00	530.31	509.61	1998	2029	170.63	336.88	525.73	2471
512.00	532.78	512.08	2000	2031	169.85	335.58	523.98	2428
514.00	535.21	514.51	2002	2032	169.11	334.34	522.31	2469
516.00	537.68	516.97	2004	2034	168.34	333.06	520.59	2494
518.00	540.17	519.47	2006	2036	167.56	331.76	518.83	2484
520.00	542.65	521.95	2008	2038	166.80	330.48	517.10	2465
522.00	545.12	524.42	2009	2040	166.06	329.23	515.42	2464
524.00	547.58	526.88	2011	2042	165.32	328.00	513.75	2460
526.00	550.04	529.34	2013	2043	164.59	326.77	512.10	

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
								2423
528.00	552.47	531.77	2014	2045	163.90	325.60	510.52	2443
530.00	554.91	534.21	2016	2047	163.19	324.42	508.92	2429
532.00	557.34	536.64	2017	2048	162.50	323.26	507.35	2447
534.00	559.78	539.08	2019	2050	161.81	322.08	505.76	2349
536.00	562.13	541.43	2020	2051	161.17	321.03	504.35	2382
538.00	564.52	543.82	2022	2052	160.53	319.94	502.89	2305
540.00	566.82	546.12	2023	2053	159.93	318.95	501.55	2288
542.00	569.11	548.41	2024	2054	159.35	317.98	500.25	2204
544.00	571.31	550.61	2024	2055	158.82	317.09	499.08	2211
546.00	573.52	552.82	2025	2055	158.29	316.21	497.91	2232
548.00	575.76	555.06	2026	2056	157.75	315.31	496.71	2234
550.00	577.99	557.29	2027	2057	157.21	314.41	495.51	2222
552.00	580.21	559.51	2027	2057	156.68	313.53	494.33	2231
554.00	582.44	561.74	2028	2058	156.15	312.64	493.15	2176
556.00	584.62	563.92	2028	2059	155.66	311.81	492.05	2130
558.00	586.75	566.05	2029	2059	155.18	311.03	491.02	2158
560.00	588.91	568.21	2029	2059	154.70	310.23	489.95	2165
562.00	591.07	570.37	2030	2060	154.22	309.42	488.88	2236
564.00	593.31	572.61	2031	2060	153.70	308.55	487.71	2239
566.00	595.55	574.85	2031	2061	153.19	307.68	486.55	2309
568.00	597.86	577.16	2032	2062	152.64	306.75	485.29	2303
570.00	600.16	579.46	2033	2063	152.10	305.83	484.04	2343
572.00	602.50	581.80	2034	2064	151.54	304.88	482.75	2351
574.00	604.85	584.15	2035	2065	150.98	303.93	481.45	

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
								2408
576.00	607.26	586.56	2037	2066	150.40	302.92	480.07	2341
578.00	609.60	588.90	2038	2067	149.85	301.99	478.80	2364
580.00	611.97	591.27	2039	2068	149.30	301.04	477.50	2352
582.00	614.32	593.62	2040	2069	148.76	300.10	476.23	2330
584.00	616.65	595.95	2041	2070	148.23	299.20	474.99	2344
586.00	618.99	598.29	2042	2071	147.70	298.28	473.74	2297
588.00	621.29	600.59	2043	2072	147.19	297.42	472.56	2251
590.00	623.54	602.84	2044	2073	146.71	296.59	471.45	2216
592.00	625.76	605.06	2044	2073	146.25	295.81	470.39	2191
594.00	627.95	607.25	2045	2074	145.80	295.04	469.36	2551
596.00	630.50	609.80	2046	2075	145.18	293.96	467.85	2620
598.00	633.12	612.42	2048	2077	144.53	292.81	466.25	2751
600.00	635.87	615.17	2051	2080	143.82	291.54	464.46	2794
602.00	638.66	617.96	2053	2083	143.09	290.24	462.62	2649
604.00	641.31	620.61	2055	2085	142.44	289.10	461.01	2705
606.00	644.02	623.32	2057	2087	141.77	287.91	459.34	2747
608.00	646.76	626.06	2059	2090	141.09	286.68	457.61	3621
610.00	650.39	629.69	2065	2097	139.88	284.48	454.41	2734
612.00	653.12	632.42	2067	2099	139.22	283.30	452.74	2801
614.00	655.92	635.22	2069	2102	138.53	282.06	450.99	2794
616.00	658.71	638.01	2071	2104	137.85	280.84	449.26	2665
618.00	661.38	640.68	2073	2106	137.24	279.76	447.73	2545
620.00	663.92	643.22	2075	2108	136.69	278.78	446.36	2608
622.00	666.53	645.83	2077	2110	136.12	277.76	444.93	

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
624.00	669.14	648.44	2078	2111	135.55	276.75	443.50	2605
626.00	671.82	651.12	2080	2114	134.96	275.68	441.98	2684
628.00	674.67	653.97	2083	2116	134.29	274.47	440.25	2846
630.00	677.42	656.72	2085	2119	133.67	273.35	438.67	2750
632.00	680.06	659.36	2087	2120	133.11	272.34	437.24	2640
634.00	682.76	662.06	2089	2123	132.52	271.29	435.74	2701
636.00	685.49	664.79	2091	2125	131.93	270.22	434.21	2735
638.00	688.21	667.51	2092	2127	131.34	269.17	432.72	2714
640.00	690.91	670.21	2094	2129	130.77	268.13	431.24	2707
642.00	693.70	673.00	2097	2131	130.17	267.04	429.68	2785
644.00	696.50	675.80	2099	2134	129.57	265.94	428.11	2797
646.00	699.20	678.50	2101	2136	129.01	264.94	426.68	2700
648.00	701.82	681.12	2102	2137	128.49	264.00	425.34	2628
650.00	704.64	683.94	2104	2140	127.90	262.91	423.78	2819
652.00	707.49	686.79	2107	2142	127.29	261.81	422.19	2844
654.00	710.38	689.68	2109	2145	126.68	260.67	420.56	2890
656.00	712.96	692.26	2111	2146	126.19	259.80	419.31	2588
658.00	715.57	694.87	2112	2148	125.70	258.91	418.04	2608
660.00	718.22	697.52	2114	2150	125.20	257.99	416.73	2654
662.00	721.14	700.44	2116	2152	124.59	256.87	415.11	2916
664.00	724.02	703.32	2118	2155	124.00	255.79	413.54	2878
666.00	726.89	706.19	2121	2157	123.42	254.72	412.00	2872
668.00	729.71	709.01	2123	2160	122.87	253.71	410.53	2818
670.00	732.60	711.90	2125	2162	122.30	252.65	409.00	2887

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEC M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
672.00	735.48	714.78	2127	2165	121.73	251.60	407.47	2884
674.00	738.31	717.61	2129	2167	121.19	250.60	406.03	2829
676.00	741.18	720.48	2132	2169	120.63	249.57	404.54	2875
678.00	744.01	723.31	2134	2172	120.10	248.59	403.11	2829
680.00	746.86	726.16	2136	2174	119.57	247.60	401.68	2845
682.00	749.73	729.03	2138	2176	119.03	246.60	400.22	2875
684.00	752.61	731.91	2140	2179	118.49	245.60	398.77	2877
686.00	755.43	734.73	2142	2181	117.98	244.66	397.40	2817
688.00	758.23	737.53	2144	2183	117.48	243.73	396.06	2800
690.00	761.00	740.30	2146	2185	117.00	242.84	394.75	2774
692.00	763.81	743.11	2148	2187	116.51	241.92	393.42	2810
694.00	766.74	746.04	2150	2189	115.97	240.92	391.96	2932
696.00	769.63	748.93	2152	2192	115.46	239.96	390.56	2888
698.00	772.27	751.57	2153	2193	115.04	239.18	389.43	2639
700.00	774.92	754.22	2155	2195	114.61	238.40	388.29	2650
702.00	777.61	756.91	2156	2196	114.18	237.59	387.12	2694
704.00	780.49	759.79	2158	2198	113.68	236.66	385.76	2878
706.00	783.19	762.49	2160	2200	113.25	235.86	384.60	2702
708.00	785.95	765.25	2162	2202	112.81	235.03	383.39	2757
710.00	788.76	768.06	2164	2204	112.35	234.17	382.13	2806
712.00	791.64	770.94	2166	2206	111.87	233.27	380.81	2880
714.00	794.52	773.82	2168	2208	111.39	232.38	379.49	2882
716.00	797.37	776.67	2169	2210	110.93	231.50	378.21	2857
718.00	800.20	779.50	2171	2212	110.48	230.66	376.97	2823

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
720.00	803.11	782.41	2173	2214	110.01	229.76	375.65	2911
722.00	806.01	785.31	2175	2217	109.54	228.88	374.35	2903
724.00	808.80	788.10	2177	2218	109.11	228.08	373.17	2788
726.00	811.74	791.04	2179	2221	108.64	227.18	371.84	2945
728.00	814.55	793.85	2181	2223	108.21	226.38	370.66	2805
730.00	817.46	796.76	2183	2225	107.76	225.51	369.38	2914
732.00	820.44	799.74	2185	2227	107.28	224.61	368.05	2980
734.00	823.23	802.53	2187	2229	106.87	223.84	366.91	2785
736.00	825.99	805.29	2188	2230	106.47	223.09	365.80	2760
738.00	828.71	808.01	2190	2232	106.09	222.36	364.73	2724
740.00	831.48	810.78	2191	2234	105.70	221.61	363.63	2766
742.00	834.39	813.69	2193	2236	105.26	220.79	362.40	2911
744.00	837.42	816.72	2195	2238	104.79	219.89	361.07	3031
746.00	840.42	819.72	2198	2241	104.33	219.02	359.77	3004
748.00	843.35	822.65	2200	2243	103.90	218.20	358.55	2932
750.00	846.33	825.63	2202	2245	103.46	217.35	357.29	2974
752.00	849.34	828.64	2204	2247	103.02	216.50	356.02	3008
754.00	852.25	831.55	2206	2249	102.60	215.71	354.84	2910
756.00	855.06	834.36	2207	2251	102.22	214.98	353.76	2809
758.00	857.95	837.25	2209	2253	101.82	214.21	352.62	2890
760.00	861.05	840.35	2211	2256	101.36	213.32	351.28	3105
762.00	864.00	843.30	2213	2258	100.95	212.53	350.10	2948
764.00	866.81	846.11	2215	2259	100.58	211.83	349.06	2806
766.00	869.73	849.03	2217	2261	100.18	211.06	347.91	2926

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
768.00	872.85	852.15	2219	2264	99.73	210.19	346.60	3118
770.00	875.86	855.16	2221	2266	99.31	209.39	345.40	3006
772.00	878.71	858.01	2223	2268	98.94	208.68	344.34	2855
774.00	881.73	861.03	2225	2270	98.53	207.89	343.15	3014
776.00	884.51	863.81	2226	2272	98.19	207.23	342.16	2780
778.00	887.52	866.82	2228	2274	97.78	206.44	340.98	3018
780.00	890.58	869.88	2230	2276	97.37	205.64	339.78	3055
782.00	893.53	872.83	2232	2278	96.99	204.91	338.67	2952
784.00	896.25	875.55	2234	2279	96.67	204.29	337.76	2721
786.00	899.15	878.45	2235	2281	96.31	203.60	336.71	2896
788.00	902.18	881.48	2237	2283	95.91	202.83	335.55	3030
790.00	905.14	884.44	2239	2285	95.54	202.11	334.47	2959
792.00	908.08	887.38	2241	2287	95.18	201.41	333.41	2939
794.00	910.94	890.24	2242	2289	94.84	200.75	332.41	2861
796.00	913.63	892.93	2244	2290	94.54	200.17	331.55	2695
798.00	916.42	895.72	2245	2291	94.22	199.55	330.62	2787
800.00	919.38	898.68	2247	2293	93.86	198.85	329.56	2962
802.00	922.34	901.64	2248	2295	93.50	198.16	328.52	2956
804.00	925.29	904.59	2250	2297	93.15	197.47	327.48	2950
806.00	928.31	907.61	2252	2299	92.78	196.76	326.40	3025
808.00	931.29	910.59	2254	2301	92.43	196.07	325.35	2983
810.00	934.25	913.55	2256	2303	92.08	195.40	324.33	2952
812.00	937.06	916.36	2257	2304	91.77	194.79	323.43	2813
814.00	939.93	919.23	2259	2306	91.45	194.17	322.48	2875

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
816.00	942.89	922.19	2260	2308	91.11	193.51	321.48	3003
818.00	945.89	925.19	2262	2310	90.77	192.83	320.45	3013
820.00	948.91	928.21	2264	2312	90.42	192.15	319.41	3010
822.00	951.92	931.22	2266	2314	90.08	191.48	318.39	3080
824.00	955.00	934.30	2268	2316	89.72	190.78	317.32	2983
826.00	957.98	937.28	2269	2318	89.39	190.13	316.33	3045
828.00	961.02	940.32	2271	2320	89.05	189.45	315.30	2969
830.00	963.99	943.29	2273	2321	88.72	188.82	314.33	2879
832.00	966.87	946.17	2274	2323	88.42	188.23	313.44	2891
834.00	969.75	949.06	2276	2324	88.12	187.63	312.53	2906
836.00	972.67	951.97	2277	2326	87.82	187.04	311.63	2922
838.00	975.59	954.89	2279	2328	87.51	186.44	310.72	3018
840.00	978.61	957.91	2281	2330	87.19	185.80	309.74	3110
842.00	981.72	961.02	2283	2332	86.85	185.13	308.71	3130
844.00	984.85	964.15	2285	2334	86.50	184.45	307.66	3115
846.00	987.96	967.26	2287	2336	86.16	183.78	306.64	3191
848.00	991.15	970.45	2289	2338	85.81	183.08	305.57	3166
850.00	994.32	973.62	2291	2341	85.47	182.40	304.52	3145
852.00	997.47	976.77	2293	2343	85.13	181.74	303.49	2913
854.00	1000.38	979.68	2294	2344	84.85	181.18	302.63	2885
856.00	1003.26	982.56	2296	2346	84.57	180.63	301.80	3224
858.00	1006.49	985.79	2298	2348	84.23	179.94	300.73	3140
860.00	1009.63	988.93	2300	2350	83.90	179.29	299.74	3048
862.00	1012.68	991.98	2302	2352	83.60	178.69	298.81	

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	1015.75	995.05	2303	2354	83.29	178.08	297.87	3070
866.00	1018.81	998.11	2305	2356	82.99	177.48	296.95	3059
868.00	1021.81	1001.11	2307	2358	82.70	176.91	296.07	3000
870.00	1024.83	1004.13	2308	2360	82.41	176.33	295.18	3028
872.00	1027.97	1007.27	2310	2362	82.10	175.71	294.22	3138
874.00	1031.03	1010.33	2312	2363	81.80	175.13	293.31	3062
876.00	1034.16	1013.46	2314	2365	81.50	174.52	292.37	3132
878.00	1037.39	1016.69	2316	2366	81.18	173.88	291.37	3224
880.00	1040.81	1020.11	2318	2371	80.82	173.15	290.24	3423
882.00	1043.87	1023.17	2320	2373	80.53	172.58	289.37	3060
884.00	1047.03	1026.33	2322	2375	80.23	171.98	288.43	3159
886.00	1050.01	1029.31	2324	2376	79.96	171.45	287.61	2984
888.00	1053.07	1032.37	2325	2378	79.69	170.90	286.75	3055
890.00	1056.02	1035.32	2327	2379	79.43	170.38	285.96	2955
892.00	1059.05	1038.35	2329	2381	79.16	169.84	285.12	3030
894.00	1062.20	1041.50	2330	2383	78.87	169.26	284.22	3146
896.00	1065.49	1044.79	2332	2385	78.56	168.63	283.23	3292
898.00	1068.42	1047.72	2333	2387	78.31	168.14	282.47	2931
900.00	1071.46	1050.76	2335	2388	78.05	167.61	281.65	3040
902.00	1074.66	1053.96	2337	2390	77.76	167.03	280.74	3192
904.00	1077.88	1057.18	2339	2393	77.46	166.44	279.82	3228
906.00	1080.90	1060.20	2340	2394	77.21	165.93	279.03	3013
908.00	1083.77	1063.07	2342	2395	76.98	165.47	278.32	2873
910.00	1086.80	1066.10	2343	2397	76.73	164.96	277.53	3033

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
								3240
912.00	1090.04	1069.34	2345	2399	76.44	164.38	276.62	
								3082
914.00	1093.12	1072.42	2347	2401	76.18	163.86	275.81	
								3126
916.00	1096.25	1075.55	2348	2403	75.92	163.33	274.97	
								3339
918.00	1099.59	1078.89	2351	2405	75.62	162.72	274.02	
								3224
920.00	1102.81	1082.11	2352	2407	75.34	162.16	273.14	
								3073
922.00	1105.89	1085.19	2354	2409	75.09	161.66	272.36	
								3004
924.00	1108.89	1088.19	2355	2410	74.85	161.18	271.61	
								2946
926.00	1111.84	1091.14	2357	2412	74.62	160.72	270.90	
								2980
928.00	1114.82	1094.12	2358	2413	74.39	160.26	270.18	
								2990
930.00	1117.81	1097.11	2359	2414	74.16	159.80	269.45	
								3033
932.00	1120.84	1100.14	2361	2416	73.93	159.32	268.71	
								3021
934.00	1123.86	1103.16	2362	2417	73.70	158.85	267.97	
								3057
936.00	1126.92	1106.22	2364	2419	73.46	158.37	267.22	
								3117
938.00	1130.03	1109.33	2365	2421	73.21	157.88	266.45	
								2992
940.00	1133.03	1112.33	2367	2422	72.99	157.42	265.74	
								2908
942.00	1135.93	1115.23	2368	2423	72.78	157.00	265.08	
								2859
944.00	1138.79	1118.09	2369	2424	72.58	156.60	264.44	
								2872
946.00	1141.66	1120.96	2370	2425	72.38	156.19	263.81	
								2965
948.00	1144.63	1123.93	2371	2426	72.16	155.75	263.13	
								3053
950.00	1147.68	1126.98	2373	2428	71.94	155.29	262.40	
								3133
952.00	1150.82	1130.12	2374	2429	71.70	154.81	261.65	
								3180
954.00	1154.00	1133.30	2376	2431	71.46	154.32	260.87	
								3116
956.00	1157.11	1136.41	2377	2433	71.23	153.85	260.13	
								2906
958.00	1160.02	1139.32	2379	2434	71.03	153.44	259.49	

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
								2788
960.00	1162.81	1142.11	2379	2435	70.84	153.08	258.92	2954
962.00	1165.76	1145.06	2381	2436	70.64	152.66	258.27	3004
964.00	1168.76	1148.06	2382	2437	70.43	152.24	257.59	2957
966.00	1171.72	1151.02	2383	2439	70.23	151.82	256.95	3031
968.00	1174.75	1154.05	2384	2440	70.02	151.39	256.27	2772
970.00	1177.52	1156.82	2385	2441	69.84	151.04	255.71	2582
972.00	1180.11	1159.41	2386	2441	69.69	150.74	255.24	2777
974.00	1182.88	1162.18	2386	2442	69.52	150.38	254.69	3048
976.00	1185.93	1165.23	2388	2443	69.31	149.96	254.01	2996
978.00	1188.93	1168.23	2389	2444	69.11	149.55	253.37	2953
980.00	1191.88	1171.18	2390	2445	68.91	149.15	252.74	2990
982.00	1194.87	1174.17	2391	2447	68.71	148.75	252.11	3087
984.00	1197.96	1177.26	2393	2448	68.50	148.32	251.43	3094
986.00	1201.05	1180.35	2394	2450	68.29	147.89	250.75	2971
988.00	1204.02	1183.32	2395	2451	68.10	147.50	250.13	2696
990.00	1206.72	1186.02	2396	2451	67.94	147.18	249.63	2652
992.00	1209.37	1188.67	2397	2452	67.79	146.87	249.15	2686
994.00	1212.06	1191.36	2397	2452	67.64	146.56	248.66	2691
996.00	1214.75	1194.05	2398	2453	67.49	146.25	248.17	2762
998.00	1217.51	1196.81	2398	2453	67.32	145.92	247.65	3037
1000.00	1220.55	1199.85	2400	2455	67.13	145.52	247.02	2684
1002.00	1223.23	1202.53	2400	2455	66.98	145.21	246.53	2729
1004.00	1225.96	1205.26	2401	2456	66.82	144.90	246.03	2739
1006.00	1228.70	1208.00	2402	2456	66.67	144.58	245.53	

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
1008.00	1231.47	1210.77	2402	2457	66.51	144.25	245.02	2774
1010.00	1234.58	1213.88	2404	2458	66.31	143.84	244.37	3109
1012.00	1237.69	1216.99	2405	2460	66.11	143.44	243.72	3106
1014.00	1240.67	1219.97	2406	2461	65.93	143.06	243.13	2980
1016.00	1243.49	1222.79	2407	2462	65.77	142.73	242.61	2821
1018.00	1246.52	1225.82	2408	2463	65.58	142.35	242.00	3034
1020.00	1249.48	1228.78	2409	2464	65.40	141.99	241.43	2959
1022.00	1252.28	1231.58	2410	2465	65.25	141.67	240.92	2802
1024.00	1255.32	1234.62	2411	2466	65.06	141.29	240.32	3036
1026.00	1258.27	1237.57	2412	2467	64.89	140.94	239.76	2952
1028.00	1261.09	1240.39	2413	2468	64.73	140.62	239.25	2816
1030.00	1264.00	1243.30	2414	2469	64.57	140.28	238.71	2913
1032.00	1267.05	1246.35	2415	2470	64.39	139.91	238.11	3048
1034.00	1269.86	1249.16	2416	2471	64.23	139.59	237.62	2809
1036.00	1272.77	1252.07	2417	2472	64.07	139.26	237.08	2917
1038.00	1275.84	1255.14	2418	2473	63.89	138.88	236.48	3068
1040.00	1278.65	1257.95	2419	2474	63.74	138.58	236.00	2803
1042.00	1281.58	1260.88	2420	2475	63.58	138.24	235.46	2938
1044.00	1284.45	1263.75	2421	2475	63.42	137.92	234.95	2870
1046.00	1287.26	1266.58	2422	2476	63.27	137.61	234.46	2830
1048.00	1290.32	1269.62	2423	2477	63.10	137.26	233.89	3033
1050.00	1293.42	1272.72	2424	2479	62.92	136.88	233.30	3104
1052.00	1296.43	1275.73	2425	2480	62.75	136.54	232.74	3009
1054.00	1299.60	1278.90	2427	2481	62.57	136.16	232.13	3167

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	1302.61	1281.91	2428	2482	62.40	135.81	231.58	3011
1058.00	1305.62	1284.92	2429	2484	62.23	135.47	231.03	3012
1060.00	1308.65	1287.95	2430	2485	62.07	135.13	230.48	3030
1062.00	1311.72	1291.02	2431	2486	61.90	134.77	229.91	3072
1064.00	1314.61	1293.91	2432	2487	61.75	134.46	229.42	2891
1066.00	1317.39	1296.69	2433	2487	61.61	134.18	228.97	2773
1068.00	1320.36	1299.66	2434	2488	61.45	133.86	228.45	2979
1070.00	1323.59	1302.89	2435	2490	61.27	133.48	227.83	3221
1072.00	1326.88	1306.18	2437	2492	61.08	133.08	227.19	3298
1074.00	1329.94	1309.24	2438	2493	60.91	132.74	226.65	3057
1076.00	1333.08	1312.38	2439	2494	60.74	132.38	226.08	3137
1078.00	1336.18	1315.48	2441	2495	60.57	132.04	225.52	3105
1080.00	1339.44	1318.74	2442	2497	60.39	131.66	224.91	3256
1082.00	1342.57	1321.87	2443	2498	60.22	131.31	224.34	3131
1084.00	1345.76	1325.06	2445	2500	60.05	130.95	223.76	3193
1086.00	1348.84	1328.14	2446	2501	59.89	130.62	223.23	3076
1088.00	1352.00	1331.30	2447	2502	59.72	130.27	222.66	3164
1090.00	1354.91	1334.21	2448	2503	59.58	129.97	222.19	2905
1092.00	1358.10	1337.40	2449	2505	59.41	129.62	221.62	3195
1094.00	1361.11	1340.41	2450	2506	59.26	129.31	221.12	3004
1096.00	1364.10	1343.40	2451	2507	59.11	129.00	220.63	2995
1098.00	1367.34	1346.64	2453	2508	58.94	128.64	220.05	3237
1100.00	1370.42	1349.72	2454	2509	58.79	128.32	219.53	3081
1102.00	1373.26	1352.56	2455	2510	58.66	128.05	219.09	2841

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
1104.00	1376.20	1355.50	2456	2511	58.52	127.76	218.63	2939
1106.00	1378.93	1358.23	2456	2511	58.40	127.52	218.23	2727
1108.00	1381.66	1360.96	2457	2512	58.28	127.27	217.84	2732
1110.00	1384.51	1363.81	2457	2512	58.15	127.00	217.40	2851
1112.00	1387.31	1366.61	2458	2513	58.03	126.74	216.99	2802
1114.00	1390.01	1369.31	2458	2513	57.91	126.51	216.61	2695
1116.00	1392.72	1372.02	2459	2514	57.80	126.27	216.22	2717
1118.00	1395.50	1374.80	2459	2514	57.68	126.02	215.82	2780
1120.00	1398.03	1377.33	2460	2514	57.58	125.81	215.49	2529
1122.00	1400.76	1380.06	2460	2514	57.46	125.57	215.11	2731
1124.00	1403.71	1383.01	2461	2515	57.33	125.29	214.66	2945
1126.00	1406.35	1385.65	2461	2516	57.22	125.07	214.30	2640
1128.00	1409.07	1388.37	2462	2516	57.11	124.83	213.92	2726
1130.00	1411.67	1390.97	2462	2516	57.00	124.62	213.58	2599
1132.00	1414.41	1393.71	2462	2516	56.89	124.38	213.20	2733
1134.00	1417.01	1396.31	2463	2517	56.79	124.17	212.86	2608
1136.00	1419.49	1398.79	2463	2517	56.69	123.98	212.55	2474
1138.00	1422.07	1401.37	2463	2517	56.59	123.77	212.22	2581
1140.00	1424.74	1404.04	2463	2517	56.49	123.55	211.86	2665
1142.00	1427.47	1406.77	2464	2517	56.38	123.32	211.49	2731
1144.00	1430.19	1409.49	2464	2518	56.27	123.09	211.12	2723
1146.00	1432.90	1412.20	2465	2518	56.16	122.86	210.75	2715
1148.00	1435.55	1414.85	2465	2518	56.05	122.65	210.41	2648
1150.00	1438.24	1417.54	2465	2519	55.95	122.43	210.05	2687

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
1152.00	1440.98	1420.28	2466	2519	55.84	122.20	209.68	2737
1154.00	1443.75	1423.05	2466	2519	55.73	121.97	209.31	2770
1156.00	1446.40	1425.70	2467	2520	55.62	121.75	208.96	2656
1158.00	1449.29	1428.59	2467	2520	55.50	121.50	208.55	2884
1160.00	1452.03	1431.33	2468	2521	55.39	121.27	208.19	2744
1162.00	1454.89	1434.19	2468	2521	55.28	121.03	207.79	2857
1164.00	1457.62	1436.92	2469	2522	55.17	120.80	207.43	2737
1166.00	1460.46	1439.76	2470	2522	55.05	120.56	207.04	2840
1168.00	1463.35	1442.65	2470	2523	54.94	120.32	206.64	2883
1170.00	1466.11	1445.41	2471	2523	54.83	120.09	206.27	2761
1172.00	1468.90	1448.20	2471	2524	54.72	119.86	205.90	2794
1174.00	1471.79	1451.09	2472	2525	54.60	119.62	205.50	2885
1176.00	1474.55	1453.85	2473	2525	54.49	119.39	205.14	2765
1178.00	1477.41	1456.71	2473	2526	54.38	119.16	204.75	2861
1180.00	1480.15	1459.45	2474	2526	54.28	118.94	204.40	2741
1182.00	1482.81	1462.11	2474	2526	54.18	118.73	204.07	2655
1184.00	1485.59	1464.89	2474	2527	54.07	118.51	203.71	2778
1186.00	1488.25	1467.55	2475	2527	53.98	118.31	203.38	2661
1188.00	1491.07	1470.37	2475	2527	53.87	118.08	203.01	2825
1190.00	1493.77	1473.08	2476	2528	53.77	117.87	202.67	2703
1192.00	1496.55	1475.85	2476	2528	53.66	117.65	202.32	2777
1194.00	1499.39	1478.68	2477	2529	53.56	117.43	201.95	2833
1196.00	1502.01	1481.31	2477	2529	53.46	117.23	201.63	2627
1198.00	1504.85	1484.15	2478	2529	53.35	117.01	201.26	2843

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
1200.00	1507.78	1487.08	2478	2530	53.24	116.77	200.87	2921
1202.00	1510.61	1489.91	2479	2531	53.13	116.54	200.50	2839
1204.00	1513.38	1492.68	2480	2531	53.03	116.33	200.16	2761
1206.00	1516.04	1495.34	2480	2531	52.94	116.13	199.84	2666
1208.00	1518.84	1498.14	2480	2532	52.83	115.92	199.49	2799
1210.00	1521.85	1501.15	2481	2533	52.72	115.67	199.08	3014
1212.00	1524.76	1504.06	2482	2533	52.61	115.43	198.70	2905
1214.00	1527.81	1507.11	2483	2534	52.48	115.18	198.28	3049
1216.00	1530.55	1509.85	2483	2535	52.39	114.98	197.95	2738
1218.00	1533.32	1512.62	2484	2535	52.29	114.77	197.61	2776
1220.00	1536.01	1515.31	2484	2535	52.20	114.57	197.30	2685
1222.00	1538.86	1518.16	2485	2536	52.09	114.35	196.94	2856
1224.00	1541.53	1520.83	2485	2536	52.00	114.16	196.63	2663
1226.00	1544.24	1523.54	2485	2536	51.91	113.97	196.31	2716
1228.00	1546.99	1526.29	2486	2537	51.81	113.77	195.98	2746
1230.00	1549.63	1528.93	2486	2537	51.72	113.58	195.68	2638
1232.00	1552.33	1531.62	2486	2537	51.63	113.39	195.37	2699
1234.00	1555.00	1534.30	2487	2537	51.54	113.20	195.07	2672
1236.00	1557.72	1537.02	2487	2538	51.45	113.01	194.75	2719
1238.00	1560.37	1539.67	2487	2538	51.36	112.83	194.45	2658
1240.00	1563.17	1542.47	2488	2538	51.27	112.62	194.12	2794
1242.00	1565.90	1545.20	2488	2539	51.18	112.43	193.80	2728
1244.00	1568.61	1547.91	2489	2539	51.09	112.24	193.49	2712
1246.00	1571.52	1550.82	2489	2540	50.98	112.02	193.13	2916

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
1248.00	1574.56	1553.86	2490	2540	50.87	111.78	192.74	3040
1250.00	1577.63	1556.93	2491	2541	50.75	111.54	192.34	3063
1252.00	1580.79	1560.09	2492	2542	50.63	111.28	191.92	3158
1254.00	1583.86	1563.16	2493	2543	50.52	111.04	191.52	3069
1256.00	1587.07	1566.37	2494	2545	50.39	110.78	191.09	3211
1258.00	1590.14	1569.44	2495	2546	50.28	110.54	190.69	3075
1260.00	1593.20	1572.50	2496	2546	50.17	110.30	190.31	3056
1262.00	1596.21	1575.51	2497	2547	50.06	110.08	189.93	3009
1264.00	1599.17	1578.47	2498	2548	49.96	109.86	189.57	2961
1266.00	1602.17	1581.47	2498	2549	49.85	109.63	189.20	3002
1268.00	1605.06	1584.36	2499	2549	49.76	109.43	188.86	2892
1270.00	1608.02	1587.32	2500	2550	49.65	109.21	188.51	2959
1272.00	1610.98	1590.28	2500	2551	49.55	108.99	188.15	2965
1274.00	1613.93	1593.23	2501	2551	49.45	108.78	187.80	2950
1276.00	1616.88	1596.18	2502	2552	49.35	108.57	187.45	2942
1278.00	1619.79	1599.09	2502	2553	49.25	108.36	187.11	2917
1280.00	1622.77	1602.07	2503	2553	49.15	108.15	186.76	2981
1282.00	1625.79	1605.09	2504	2554	49.05	107.93	186.40	3019
1284.00	1628.80	1608.10	2505	2555	48.95	107.71	186.04	3005
1286.00	1631.81	1611.11	2506	2556	48.84	107.49	185.68	3007
1288.00	1634.82	1614.12	2506	2556	48.74	107.28	185.33	3010
1290.00	1637.79	1617.09	2507	2557	48.64	107.07	184.98	2970
1292.00	1640.84	1620.14	2508	2558	48.54	106.85	184.62	3050
1294.00	1643.90	1623.20	2509	2559	48.44	106.63	184.25	3063

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
								3000
1296.00	1646.90	1626.20	2510	2560	48.34	106.42	183.90	
								2881
1298.00	1649.78	1629.08	2510	2560	48.24	106.22	183.58	
								2863
1300.00	1652.64	1631.94	2511	2561	48.16	106.03	183.27	
								2881
1302.00	1655.52	1634.82	2511	2561	48.06	105.84	182.95	
								2869
1304.00	1658.39	1637.69	2512	2562	47.98	105.65	182.64	
								2855
1306.00	1661.25	1640.55	2512	2562	47.89	105.46	182.33	
								2858
1308.00	1664.11	1643.41	2513	2563	47.80	105.28	182.02	
								2965
1310.00	1667.07	1646.37	2514	2563	47.70	105.07	181.69	
								2944
1312.00	1670.01	1649.31	2514	2564	47.61	104.88	181.36	
								3023
1314.00	1673.04	1652.34	2515	2565	47.51	104.67	181.02	
								2870
1316.00	1675.91	1655.21	2516	2565	47.43	104.48	180.71	
								2801
1318.00	1678.71	1658.01	2516	2565	47.34	104.31	180.42	
								2822
1320.00	1681.53	1660.83	2516	2566	47.26	104.13	180.13	
								2832
1322.00	1684.36	1663.66	2517	2566	47.17	103.95	179.83	
								2798
1324.00	1687.16	1666.46	2517	2567	47.09	103.78	179.55	
								2775
1326.00	1689.94	1669.24	2518	2567	47.01	103.60	179.26	
								2817
1328.00	1692.75	1672.05	2518	2567	46.93	103.43	178.97	
								2835
1330.00	1695.59	1674.89	2519	2568	46.85	103.25	178.68	
								2842
1332.00	1698.43	1677.73	2519	2568	46.76	103.07	178.39	
								2765
1334.00	1701.19	1680.49	2519	2569	46.68	102.91	178.11	
								2808
1336.00	1704.00	1683.30	2520	2569	46.60	102.74	177.83	
								2764
1338.00	1706.77	1686.07	2520	2569	46.52	102.57	177.55	
								2787
1340.00	1709.55	1688.85	2521	2570	46.45	102.40	177.28	
								2661
1342.00	1712.21	1691.51	2521	2570	46.37	102.25	177.02	

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
								2631
1344.00	1714.85	1694.14	2521	2570	46.30	102.10	176.78	2799
1346.00	1717.64	1696.94	2521	2570	46.22	101.93	176.50	2755
1348.00	1720.40	1699.70	2522	2570	46.15	101.77	176.23	2668
1350.00	1723.07	1702.37	2522	2571	46.08	101.62	175.98	2847
1352.00	1725.91	1705.21	2523	2571	46.00	101.45	175.70	2750
1354.00	1728.66	1707.96	2523	2571	45.92	101.29	175.43	2780
1356.00	1731.44	1710.74	2523	2572	45.84	101.12	175.16	2620
1358.00	1734.06	1713.36	2523	2572	45.78	100.98	174.92	2753
1360.00	1736.82	1716.12	2524	2572	45.70	100.82	174.66	2660
1362.00	1739.48	1718.78	2524	2572	45.63	100.67	174.42	2574
1364.00	1742.05	1721.35	2524	2572	45.57	100.53	174.19	2604
1366.00	1744.66	1723.96	2524	2572	45.50	100.39	173.96	2561
1368.00	1747.22	1726.52	2524	2572	45.44	100.26	173.73	2573
1370.00	1749.79	1729.09	2524	2572	45.37	100.12	173.51	2685
1372.00	1752.47	1731.77	2524	2572	45.30	99.97	173.26	2680
1374.00	1755.15	1734.45	2525	2572	45.23	99.82	173.02	2603
1376.00	1757.76	1737.06	2525	2573	45.17	99.69	172.79	2593
1378.00	1760.35	1739.65	2525	2573	45.10	99.55	172.56	2595
1380.00	1762.94	1742.24	2525	2573	45.04	99.41	172.34	2836
1382.00	1765.78	1745.08	2525	2573	44.96	99.25	172.06	3021
1384.00	1768.80	1748.10	2526	2574	44.88	99.06	171.75	3031
1386.00	1771.83	1751.13	2527	2574	44.79	98.87	171.44	2884
1388.00	1774.72	1754.02	2527	2575	44.71	98.71	171.16	2842
1390.00	1777.56	1756.86	2528	2575	44.63	98.54	170.89	

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
1392.00	1780.33	1759.63	2528	2576	44.56	98.39	170.64	2772
1394.00	1783.15	1762.45	2529	2576	44.49	98.23	170.37	2823
1396.00	1785.83	1765.13	2529	2576	44.42	98.09	170.14	2675
1398.00	1788.67	1767.97	2529	2576	44.35	97.93	169.87	2836
1400.00	1791.41	1770.71	2530	2577	44.28	97.78	169.63	2742
1402.00	1794.19	1773.49	2530	2577	44.20	97.63	169.37	2784
1404.00	1796.98	1776.28	2530	2577	44.13	97.47	169.12	2788
1406.00	1799.53	1778.83	2530	2577	44.07	97.35	168.91	2547
1408.00	1802.12	1781.42	2530	2577	44.01	97.22	168.69	2594
1410.00	1804.63	1783.93	2530	2577	43.95	97.09	168.49	2513
1412.00	1807.20	1786.50	2530	2577	43.89	96.97	168.28	2563
1414.00	1809.93	1789.23	2531	2577	43.83	96.82	168.04	2733
1416.00	1812.70	1792.00	2531	2578	43.76	96.67	167.79	2770
1418.00	1815.50	1794.80	2531	2578	43.69	96.52	167.54	2806
1420.00	1818.15	1797.45	2532	2578	43.62	96.39	167.31	2641
1422.00	1821.03	1800.33	2532	2579	43.55	96.23	167.05	2886
1424.00	1823.68	1802.98	2532	2579	43.49	96.09	166.83	2649
1426.00	1826.27	1805.57	2532	2579	43.43	95.97	166.62	2585
1428.00	1829.01	1808.31	2533	2579	43.36	95.82	166.38	2741
1430.00	1831.72	1811.02	2533	2579	43.29	95.69	166.15	2710
1432.00	1834.60	1813.90	2533	2580	43.22	95.53	165.88	2887
1434.00	1837.55	1816.85	2534	2580	43.14	95.36	165.61	2948
1436.00	1840.27	1819.57	2534	2580	43.08	95.22	165.38	2715
1438.00	1843.21	1822.51	2535	2581	43.00	95.06	165.11	2938

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
1440.00	1846.35	1825.65	2536	2582	42.92	94.88	164.80	3143
1442.00	1849.17	1828.47	2536	2582	42.85	94.73	164.55	2822
1444.00	1852.32	1831.62	2537	2583	42.76	94.54	164.24	3153
1446.00	1855.60	1834.90	2538	2584	42.67	94.34	163.90	3277
1448.00	1858.89	1838.19	2539	2585	42.58	94.14	163.57	3291
1450.00	1862.33	1841.63	2540	2587	42.47	93.92	163.20	3443
1452.00	1865.81	1845.11	2541	2588	42.37	93.70	162.83	3470
1454.00	1869.12	1848.42	2543	2589	42.28	93.50	162.49	3320
1456.00	1872.54	1851.84	2544	2590	42.18	93.29	162.13	3411
1458.00	1875.81	1855.11	2545	2591	42.09	93.09	161.81	3270
1460.00	1879.06	1858.36	2546	2593	42.00	92.90	161.48	3254
1462.00	1882.36	1861.66	2547	2594	41.91	92.71	161.16	3302
1464.00	1885.67	1864.97	2548	2595	41.82	92.51	160.83	3312
1466.00	1888.92	1868.22	2549	2596	41.73	92.32	160.51	3246
1468.00	1892.18	1871.48	2550	2597	41.64	92.13	160.19	3263
1470.00	1895.46	1874.76	2551	2598	41.55	91.94	159.87	3281
1472.00	1898.68	1877.98	2552	2599	41.47	91.76	159.57	3218
1474.00	1901.60	1880.90	2552	2599	41.40	91.61	159.32	2921
1476.00	1904.68	1883.98	2553	2600	41.32	91.45	159.04	3077
1478.00	1907.79	1887.09	2554	2601	41.25	91.28	158.76	3111
1480.00	1911.00	1890.30	2554	2602	41.16	91.10	158.46	3211
1482.00	1914.20	1893.50	2555	2603	41.08	90.92	158.16	3198
1484.00	1917.24	1896.54	2556	2603	41.01	90.76	157.89	3037
1486.00	1920.27	1899.57	2557	2604	40.93	90.61	157.63	3035

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
1488.00	1923.38	1902.68	2557	2605	40.86	90.44	157.35	3109
1490.00	1926.52	1905.82	2558	2605	40.78	90.27	157.07	3134
1492.00	1929.72	1909.02	2559	2606	40.70	90.10	156.78	3204
1494.00	1932.96	1912.26	2560	2607	40.62	89.92	156.48	3241
1496.00	1936.24	1915.54	2561	2608	40.53	89.74	156.17	3276
1498.00	1939.52	1918.82	2562	2609	40.45	89.56	155.87	3279
1500.00	1942.83	1922.13	2563	2610	40.36	89.38	155.56	3311
1502.00	1946.14	1925.44	2564	2611	40.28	89.20	155.25	3310
1504.00	1949.52	1928.82	2565	2612	40.19	89.01	154.93	3378
1506.00	1952.99	1932.29	2566	2614	40.10	88.81	154.60	3476
1508.00	1956.32	1935.62	2567	2615	40.01	88.62	154.29	3333
1510.00	1959.71	1939.01	2568	2616	39.93	88.43	153.97	3390
1512.00	1963.11	1942.41	2569	2617	39.84	88.25	153.65	3401
1514.00	1966.37	1945.67	2570	2618	39.76	88.07	153.36	3253
1516.00	1969.59	1948.89	2571	2619	39.68	87.91	153.08	3221
1518.00	1972.91	1952.21	2572	2620	39.60	87.73	152.78	3318
1520.00	1976.34	1955.64	2573	2621	39.51	87.54	152.46	3439
1522.00	1979.83	1959.13	2574	2623	39.42	87.34	152.13	3489
1524.00	1983.38	1962.68	2576	2624	39.33	87.14	151.79	3549
1526.00	1986.62	1965.92	2577	2625	39.25	86.98	151.51	3242
1528.00	1989.97	1969.27	2578	2626	39.17	86.80	151.21	3345
1530.00	1993.24	1972.54	2578	2627	39.09	86.63	150.93	3274
1532.00	1996.61	1975.91	2580	2628	39.01	86.45	150.63	3365
1534.00	2000.01	1979.31	2581	2629	38.93	86.27	150.32	3400

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	2003.28	1982.58	2581	2630	38.85	86.11	150.04	3269
1538.00	2006.65	1985.95	2583	2631	38.77	85.93	149.74	3374
1540.00	2010.11	1989.41	2584	2633	38.68	85.75	149.43	3459
1542.00	2013.42	1992.72	2585	2634	38.61	85.58	149.15	3306
1544.00	2016.78	1996.08	2586	2635	38.53	85.41	148.86	3362
1546.00	2020.13	1999.43	2587	2636	38.45	85.24	148.57	3349
1548.00	2023.61	2002.91	2588	2637	38.36	85.05	148.26	3482
1550.00	2026.99	2006.29	2589	2638	38.28	84.88	147.96	3378
1552.00	2030.28	2009.58	2590	2639	38.21	84.72	147.69	3296
1554.00	2033.42	2012.72	2590	2640	38.14	84.57	147.44	3138
1556.00	2036.90	2016.20	2592	2641	38.06	84.39	147.13	3480
1558.00	2040.15	2019.45	2592	2642	37.98	84.23	146.87	3250
1560.00	2043.25	2022.55	2593	2642	37.92	84.09	146.63	3102
1562.00	2046.63	2025.93	2594	2644	37.84	83.92	146.34	3378
1564.00	2050.00	2029.30	2595	2645	37.76	83.75	146.06	3365
1566.00	2053.26	2032.56	2596	2645	37.69	83.60	145.80	3264
1568.00	2056.51	2035.81	2597	2646	37.62	83.44	145.54	3251
1570.00	2059.62	2038.92	2597	2647	37.56	83.30	145.30	3113
1572.00	2062.83	2042.13	2598	2648	37.49	83.15	145.05	3205
1574.00	2066.06	2045.36	2599	2649	37.42	83.00	144.79	3227
1576.00	2069.43	2048.73	2600	2650	37.34	82.84	144.51	3372
1578.00	2072.68	2051.98	2601	2650	37.27	82.69	144.26	3249
1580.00	2075.89	2055.19	2602	2651	37.21	82.54	144.01	3209
1582.00	2079.09	2058.39	2602	2652	37.14	82.40	143.76	3204

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	2082.45	2061.75	2603	2653	37.06	82.23	143.49	3360
1586.00	2085.86	2065.16	2604	2654	36.99	82.07	143.21	3411
1588.00	2089.25	2068.55	2605	2655	36.91	81.91	142.94	3394
1590.00	2092.54	2071.84	2606	2656	36.84	81.76	142.68	3282
1592.00	2095.81	2075.11	2607	2657	36.77	81.61	142.43	3273
1594.00	2099.14	2078.44	2608	2658	36.70	81.45	142.17	3329
1596.00	2102.48	2081.78	2609	2659	36.63	81.30	141.90	3338
1598.00	2105.91	2085.21	2610	2660	36.56	81.14	141.63	3430
1600.00	2109.61	2088.91	2611	2662	36.47	80.95	141.31	3703
1602.00	2113.20	2092.50	2612	2663	36.39	80.77	141.01	3586
1604.00	2116.50	2095.80	2613	2664	36.32	80.62	140.75	3303
1606.00	2119.99	2099.29	2614	2665	36.25	80.46	140.47	3488
1608.00	2123.45	2102.75	2615	2666	36.17	80.29	140.20	3459
1610.00	2126.82	2106.12	2616	2667	36.10	80.14	139.94	3378
1612.00	2130.34	2109.64	2617	2668	36.02	79.97	139.65	3520
1614.00	2133.65	2112.95	2618	2669	35.96	79.83	139.41	3307
1616.00	2136.95	2116.25	2619	2670	35.89	79.68	139.16	3303
1618.00	2140.37	2119.67	2620	2671	35.82	79.53	138.90	3415
1620.00	2143.69	2122.99	2621	2672	35.75	79.38	138.65	3323
1622.00	2147.16	2126.46	2622	2673	35.68	79.22	138.38	3463
1624.00	2150.72	2130.02	2623	2674	35.60	79.06	138.09	3564
1626.00	2154.13	2133.43	2624	2675	35.53	78.90	137.84	3410
1628.00	2157.37	2136.67	2625	2676	35.47	78.77	137.60	3244
1630.00	2160.84	2140.14	2626	2677	35.40	78.61	137.34	3461

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
1632.00	2164.15	2143.45	2627	2678	35.33	78.47	137.10	3310
1634.00	2167.47	2146.77	2628	2679	35.27	78.33	136.86	3329
1636.00	2170.77	2150.07	2628	2680	35.20	78.19	136.62	3295
1638.00	2173.95	2153.25	2629	2681	35.14	78.06	136.40	3177
1640.00	2177.42	2156.72	2630	2682	35.07	77.91	136.14	3471
1642.00	2180.83	2160.13	2631	2683	35.00	77.76	135.89	3416
1644.00	2184.28	2163.58	2632	2684	34.93	77.61	135.63	3444
1646.00	2187.72	2167.02	2633	2685	34.87	77.46	135.38	3444
1648.00	2191.24	2170.54	2634	2686	34.79	77.30	135.11	3522
1650.00	2194.73	2174.03	2635	2687	34.72	77.15	134.85	3488
1652.00	2198.16	2177.46	2636	2688	34.66	77.00	134.60	3430
1654.00	2201.88	2181.18	2637	2690	34.58	76.83	134.31	3720
1656.00	2205.54	2184.84	2639	2691	34.50	76.67	134.03	3657
1658.00	2209.18	2188.48	2640	2692	34.43	76.50	133.75	3641
1660.00	2212.66	2191.96	2641	2693	34.36	76.35	133.49	3483
1662.00	2216.20	2195.50	2642	2695	34.29	76.20	133.23	3540
1664.00	2219.70	2199.00	2643	2696	34.22	76.05	132.98	3494
1666.00	2223.15	2202.45	2644	2697	34.16	75.91	132.73	3452
1668.00	2226.49	2205.79	2645	2698	34.09	75.77	132.50	3343
1670.00	2229.92	2209.22	2646	2699	34.03	75.63	132.26	3431
1672.00	2233.28	2212.58	2647	2700	33.97	75.50	132.03	3354
1674.00	2236.66	2215.96	2648	2700	33.90	75.36	131.80	3386
1676.00	2239.98	2219.28	2648	2701	33.84	75.23	131.58	3314
1678.00	2243.40	2222.70	2649	2702	33.78	75.09	131.34	3426

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
1680.00	2246.79	2226.09	2650	2703	33.72	74.95	131.11	3392
1682.00	2250.42	2229.72	2651	2704	33.65	74.80	130.84	3621
1684.00	2253.81	2233.11	2652	2705	33.58	74.66	130.61	3394
1686.00	2257.36	2236.66	2653	2707	33.52	74.52	130.36	3551
1688.00	2260.79	2240.09	2654	2707	33.46	74.38	130.13	3425
1690.00	2264.16	2243.46	2655	2708	33.39	74.25	129.90	3375
1692.00	2267.21	2246.51	2655	2709	33.35	74.14	129.72	3050
1694.00	2270.73	2250.03	2656	2710	33.28	74.00	129.48	3517
1696.00	2273.99	2253.29	2657	2711	33.22	73.88	129.27	3260
1698.00	2276.57	2255.87	2657	2710	33.19	73.80	129.14	2587
1700.00	2280.11	2259.41	2658	2712	33.12	73.66	128.90	3538
1702.00	2283.69	2262.99	2659	2713	33.06	73.51	128.65	3582
1704.00	2287.25	2266.55	2660	2714	32.99	73.37	128.40	3554
1706.00	2290.97	2270.27	2662	2715	32.92	73.21	128.14	3723
1708.00	2294.53	2273.83	2663	2716	32.85	73.07	127.89	3558
1710.00	2298.18	2277.48	2664	2718	32.79	72.92	127.64	3646
1712.00	2301.35	2280.65	2664	2718	32.73	72.81	127.45	3179
1714.00	2304.92	2284.22	2665	2719	32.67	72.67	127.21	3568
1716.00	2308.02	2287.32	2666	2720	32.62	72.56	127.02	3102
1718.00	2310.96	2290.26	2666	2720	32.58	72.47	126.86	2932
1720.00	2314.51	2293.81	2667	2721	32.51	72.33	126.63	3549
1722.00	2317.99	2297.29	2668	2722	32.45	72.20	126.40	3482
1724.00	2321.55	2300.85	2669	2723	32.39	72.06	126.16	3558
1726.00	2325.09	2304.39	2670	2725	32.33	71.92	125.93	3549

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
1728.00	2328.12	2307.42	2671	2725	32.28	71.82	125.76	3022
1730.00	2331.54	2310.84	2671	2726	32.22	71.69	125.54	3427
1732.00	2334.51	2313.81	2672	2726	32.18	71.60	125.38	2967
1734.00	2337.99	2317.29	2673	2727	32.12	71.47	125.16	3478
1736.00	2341.59	2320.89	2674	2728	32.06	71.33	124.92	3605
1738.00	2344.98	2324.28	2675	2729	32.00	71.21	124.71	3383
1740.00	2348.78	2328.08	2676	2731	31.93	71.05	124.45	3807
1742.00	2351.60	2330.90	2676	2731	31.89	70.97	124.30	2818
1744.00	2354.68	2333.98	2677	2731	31.85	70.87	124.13	3075
1746.00	2358.33	2337.63	2678	2732	31.78	70.73	123.89	3654
1748.00	2362.09	2341.39	2679	2734	31.72	70.58	123.64	3764
1750.00	2365.26	2344.56	2679	2734	31.67	70.48	123.46	3164
1752.00	2367.77	2347.07	2679	2734	31.64	70.41	123.35	2510
1754.00	2370.73	2350.03	2680	2734	31.60	70.32	123.20	2961
1756.00	2374.26	2353.56	2681	2735	31.54	70.19	122.97	3529
1758.00	2377.73	2357.03	2681	2736	31.48	70.07	122.76	3473
1760.00	2380.53	2359.83	2682	2736	31.44	69.99	122.62	2803
1762.00	2383.69	2362.99	2682	2737	31.40	69.88	122.45	3157
1764.00	2387.24	2366.54	2683	2738	31.34	69.76	122.23	3550
1766.00	2390.99	2370.29	2684	2739	31.27	69.61	121.98	3748
1768.00	2393.69	2372.99	2684	2739	31.24	69.54	121.86	2706
1770.00	2397.06	2376.36	2685	2740	31.19	69.42	121.66	3362
1772.00	2400.18	2379.48	2686	2740	31.14	69.32	121.49	3126
1774.00	2403.51	2382.81	2686	2741	31.09	69.21	121.30	3326

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
1776.00	2407.00	2386.30	2687	2742	31.03	69.09	121.09	3489
1778.00	2410.46	2389.76	2688	2743	30.98	68.97	120.88	3462
1780.00	2414.25	2393.55	2689	2745	30.91	68.83	120.64	3795
1782.00	2418.65	2397.95	2691	2747	30.83	68.63	120.31	4394
1784.00	2422.15	2401.45	2692	2748	30.77	68.51	120.10	3504
1786.00	2425.75	2405.05	2693	2749	30.71	68.39	119.88	3596
1788.00	2428.77	2408.07	2694	2749	30.67	68.30	119.73	3020
1790.00	2432.08	2411.38	2694	2750	30.62	68.19	119.54	3309
1792.00	2434.86	2414.16	2694	2750	30.59	68.11	119.42	2778
1794.00	2438.12	2417.42	2695	2751	30.54	68.01	119.24	3266
1796.00	2441.68	2420.98	2696	2752	30.48	67.89	119.03	3557
1798.00	2445.23	2424.53	2697	2753	30.43	67.77	118.82	3554
1800.00	2448.92	2428.22	2698	2754	30.37	67.63	118.59	3685
1802.00	2452.65	2431.95	2699	2755	30.31	67.50	118.36	3734
1804.00	2456.33	2435.63	2700	2756	30.25	67.37	118.14	3680
1806.00	2460.80	2440.10	2702	2759	30.16	67.18	117.81	4464
1808.00	2464.90	2444.20	2704	2761	30.09	67.02	117.54	4103
1810.00	2470.00	2449.30	2706	2764	29.98	66.77	117.11	5105
1812.00	2475.71	2455.01	2710	2769	29.84	66.47	116.58	5705
1814.00	2481.33	2460.63	2713	2774	29.70	66.17	116.08	5617
1816.00	2485.44	2464.74	2714	2776	29.63	66.02	115.81	4115
1818.00	2488.63	2468.13	2715	2777	29.59	65.91	115.63	3387
1820.00	2492.26	2471.56	2716	2778	29.54	65.81	115.44	3432
1822.00	2495.85	2475.15	2717	2779	29.48	65.69	115.24	3586

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM OF M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
1824.00	2500.44	2479.74	2719	2781	29.40	65.50	114.91	4597
1826.00	2504.06	2483.36	2720	2782	29.34	65.38	114.71	3613
1828.00	2507.69	2486.99	2721	2783	29.29	65.26	114.50	3633
1830.00	2511.30	2490.60	2722	2784	29.23	65.14	114.30	3606
1832.00	2515.01	2494.31	2723	2785	29.18	65.02	114.09	3710
1834.00	2518.73	2498.03	2724	2787	29.12	64.90	113.88	3728
1836.00	2523.86	2503.16	2727	2790	29.02	64.66	113.48	5122
1838.00	2529.07	2508.37	2729	2794	28.91	64.42	113.06	5217
1840.00	2534.00	2513.30	2732	2797	28.81	64.21	112.70	4922
1842.00	2538.05	2517.35	2733	2799	28.75	64.07	112.45	4056
1844.00	2541.93	2521.23	2735	2800	28.69	63.94	112.23	3875
1846.00	2545.77	2525.08	2736	2802	28.63	63.81	112.01	3849
1848.00	2549.57	2528.87	2737	2803	28.57	63.69	111.80	3797
1850.00	2553.36	2532.66	2738	2804	28.52	63.57	111.58	3793
1852.00	2557.10	2536.40	2739	2805	28.46	63.45	111.38	3738
1854.00	2560.95	2540.25	2740	2807	28.41	63.32	111.16	3848
1856.00	2564.66	2543.96	2741	2808	28.35	63.21	110.96	3712
1858.00	2568.46	2547.76	2742	2809	28.30	63.09	110.75	3798
1860.00	2572.24	2551.54	2744	2810	28.24	62.97	110.55	3775
1862.00	2575.95	2555.25	2745	2811	28.19	62.85	110.35	3710
1864.00	2579.49	2558.79	2745	2812	28.14	62.75	110.17	3541
1866.00	2583.26	2562.56	2747	2814	28.09	62.63	109.97	3774
1868.00	2587.00	2566.30	2748	2815	28.04	62.51	109.77	3740
1870.00	2590.78	2570.08	2749	2816	27.99	62.40	109.57	3776

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
1872.00	2594.41	2573.71	2750	2817	27.94	62.29	109.38	3637
1874.00	2597.90	2577.20	2750	2818	27.89	62.19	109.21	3483
1876.00	2601.56	2580.86	2751	2819	27.84	62.08	109.02	3668
1878.00	2605.12	2584.42	2752	2820	27.79	61.98	108.85	3556
1880.00	2608.90	2588.20	2753	2821	27.74	61.86	108.65	3780
1882.00	2612.77	2592.07	2755	2822	27.69	61.74	108.44	3869
1884.00	2616.58	2595.88	2756	2823	27.63	61.63	108.24	3809
1886.00	2620.34	2599.64	2757	2825	27.58	61.51	108.04	3766
1888.00	2624.20	2603.50	2758	2826	27.53	61.39	107.84	3861
1890.00	2627.93	2607.23	2759	2827	27.48	61.28	107.65	3730
1892.00	2631.80	2611.10	2760	2828	27.43	61.17	107.44	3867
1894.00	2635.60	2614.90	2761	2829	27.37	61.05	107.25	3804
1896.00	2639.24	2618.54	2762	2830	27.33	60.95	107.07	3633
1898.00	2642.85	2622.15	2763	2831	27.28	60.85	106.89	3608
1900.00	2646.53	2625.83	2764	2832	27.23	60.74	106.71	3680
1902.00	2650.49	2629.79	2765	2834	27.18	60.62	106.50	3961
1904.00	2654.73	2634.03	2767	2836	27.11	60.48	106.26	4239
1906.00	2658.37	2637.67	2768	2837	27.07	60.38	106.09	3647
1908.00	2661.66	2640.96	2768	2837	27.03	60.29	105.94	3287
1910.00	2665.55	2644.85	2769	2838	26.98	60.18	105.74	3890
1912.00	2669.14	2648.44	2770	2839	26.93	60.08	105.57	3588
1914.00	2672.70	2652.00	2771	2840	26.89	59.98	105.41	3562
1916.00	2676.24	2655.54	2772	2841	26.85	59.89	105.24	3544
1918.00	2679.79	2659.09	2773	2842	26.80	59.79	105.08	3547

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
1920.00	2683.49	2662.79	2774	2843	26.76	59.69	104.90	3696
1922.00	2687.33	2666.63	2775	2844	26.71	59.58	104.71	3848
1924.00	2690.96	2670.26	2776	2845	26.66	59.48	104.54	3627
1926.00	2694.85	2674.15	2777	2846	26.61	59.37	104.35	3889
1928.00	2698.63	2677.93	2778	2847	26.56	59.26	104.16	3782
1930.00	2701.88	2681.18	2778	2848	26.53	59.19	104.03	3248
1932.00	2705.36	2684.66	2779	2849	26.49	59.10	103.88	3483
1934.00	2709.11	2688.41	2780	2850	26.44	58.99	103.70	3748
1936.00	2712.76	2692.06	2781	2851	26.39	58.90	103.53	3646
1938.00	2716.35	2695.65	2782	2851	26.35	58.80	103.37	3597
1940.00	2719.75	2699.05	2783	2852	26.31	58.72	103.22	3396
1942.00	2723.48	2702.78	2783	2853	26.27	58.62	103.05	3729
1944.00	2726.99	2706.29	2784	2854	26.23	58.53	102.89	3509
1946.00	2730.65	2709.95	2785	2855	26.18	58.43	102.73	3661
1948.00	2734.26	2713.56	2786	2856	26.14	58.34	102.56	3617
1950.00	2737.95	2717.25	2787	2857	26.10	58.24	102.40	3681
1952.00	2742.69	2721.99	2789	2859	26.02	58.08	102.12	4741
1954.00	2746.60	2725.90	2790	2861	25.97	57.97	101.93	3914
1956.00	2750.13	2729.43	2791	2861	25.93	57.88	101.78	3525
1958.00	2753.46	2732.76	2791	2862	25.90	57.80	101.64	3337
1960.00	2757.40	2736.70	2793	2863	25.85	57.70	101.45	3932
1962.00	2760.94	2740.24	2793	2864	25.81	57.61	101.30	3548
1964.00	2764.80	2744.10	2794	2865	25.76	57.50	101.12	3856
1966.00	2768.48	2747.78	2795	2866	25.72	57.41	100.96	3677

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEC M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
1968.00	2772.14	2751.44	2796	2867	25.68	57.32	100.80	3667
1970.00	2775.62	2754.92	2797	2868	25.64	57.23	100.65	3472
1972.00	2779.26	2758.56	2798	2869	25.60	57.14	100.50	3641
1974.00	2783.08	2762.38	2799	2870	25.55	57.04	100.32	3820
1976.00	2786.95	2766.25	2800	2871	25.51	56.94	100.15	3870
1978.00	2790.65	2769.95	2801	2872	25.46	56.85	99.98	3699
1980.00	2793.97	2773.27	2801	2872	25.43	56.77	99.85	3327
1982.00	2797.48	2776.78	2802	2873	25.39	56.69	99.71	3508
1984.00	2801.03	2780.33	2803	2874	25.35	56.60	99.56	3549
1986.00	2804.76	2784.06	2804	2875	25.31	56.51	99.40	3731
1988.00	2808.33	2787.63	2804	2876	25.27	56.42	99.25	3567
1990.00	2811.90	2791.20	2805	2876	25.23	56.34	99.10	3567
1992.00	2815.50	2794.80	2806	2877	25.19	56.25	98.95	3602
1994.00	2819.29	2798.59	2807	2878	25.15	56.15	98.79	3791
1996.00	2823.07	2802.37	2808	2879	25.11	56.06	98.62	3780
1998.00	2827.04	2806.34	2809	2881	25.06	55.96	98.44	3968
2000.00	2830.80	2810.10	2810	2882	25.02	55.86	98.28	3768
2002.00	2834.78	2814.08	2811	2883	24.97	55.76	98.10	3981
2004.00	2837.76	2817.06	2811	2883	24.94	55.70	98.00	2975
2006.00	2841.23	2820.53	2812	2884	24.91	55.62	97.87	3469
2008.00	2844.64	2823.94	2813	2884	24.87	55.55	97.74	3414
2010.00	2848.08	2827.38	2813	2885	24.84	55.47	97.60	3436
2012.00	2851.85	2831.15	2814	2886	24.80	55.38	97.44	3775
2014.00	2855.51	2834.81	2815	2887	24.76	55.29	97.29	3653

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
2016.00	2859.09	2838.39	2816	2887	24.72	55.21	97.15	3587
2018.00	2862.73	2842.03	2817	2888	24.68	55.12	97.00	3635
2020.00	2866.74	2846.04	2818	2890	24.64	55.02	96.82	4016
2022.00	2870.67	2849.97	2819	2891	24.59	54.92	96.65	3922
2024.00	2874.50	2853.80	2820	2892	24.55	54.83	96.49	3829
2026.00	2878.50	2857.80	2821	2893	24.50	54.73	96.32	4005
2028.00	2882.43	2861.73	2822	2894	24.46	54.63	96.15	3928
2030.00	2886.38	2865.68	2823	2896	24.41	54.53	95.98	3951
2032.00	2890.27	2869.57	2824	2897	24.37	54.44	95.81	3892
2034.00	2894.11	2873.41	2825	2898	24.33	54.34	95.65	3838
2036.00	2898.18	2877.48	2827	2899	24.28	54.24	95.47	4072
2038.00	2901.24	2880.54	2827	2899	24.26	54.18	95.37	3059
2040.00	2905.15	2884.45	2828	2901	24.21	54.09	95.21	3906
2042.00	2909.06	2888.36	2829	2902	24.17	53.99	95.05	3914
2044.00	2912.95	2892.25	2830	2903	24.13	53.90	94.89	3891
2046.00	2916.72	2896.02	2831	2904	24.09	53.81	94.74	3766
2048.00	2920.67	2899.97	2832	2905	24.05	53.72	94.57	3953
2050.00	2924.62	2903.92	2833	2906	24.00	53.62	94.41	3945
2052.00	2928.55	2907.85	2834	2907	23.96	53.53	94.24	3932
2054.00	2932.48	2911.78	2835	2909	23.92	53.44	94.08	3928
2056.00	2936.45	2915.75	2836	2910	23.88	53.34	93.92	3969
2058.00	2940.47	2919.77	2837	2911	23.83	53.25	93.75	4024
2060.00	2944.45	2923.75	2839	2912	23.79	53.15	93.58	3984
2062.00	2948.39	2927.69	2840	2913	23.75	53.06	93.42	3932

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
2064.00	2952.26	2931.56	2841	2915	23.71	52.97	93.27	3873
2066.00	2956.01	2935.31	2842	2916	23.67	52.89	93.12	3755
2068.00	2959.62	2938.92	2842	2916	23.64	52.81	92.99	3609
2070.00	2963.52	2942.82	2843	2917	23.60	52.72	92.84	3893
2072.00	2967.47	2946.77	2844	2919	23.55	52.63	92.68	3951
2074.00	2971.31	2950.61	2845	2920	23.51	52.54	92.53	3840
2076.00	2974.95	2954.25	2846	2920	23.48	52.47	92.39	3642
2078.00	2978.76	2958.06	2847	2921	23.44	52.38	92.25	3810
2080.00	2982.58	2961.88	2848	2922	23.40	52.30	92.10	3817
2082.00	2986.48	2965.78	2849	2923	23.36	52.21	91.95	3902
2084.00	2990.44	2969.74	2850	2925	23.32	52.12	91.79	3964
2086.00	2994.50	2973.80	2851	2926	23.28	52.02	91.63	4059
2088.00	2998.29	2977.59	2852	2927	23.24	51.94	91.49	3789
2090.00	3002.42	2981.72	2853	2928	23.20	51.85	91.32	4128
2092.00	3006.38	2985.68	2854	2929	23.16	51.76	91.16	3959
2094.00	3010.28	2989.58	2855	2930	23.12	51.67	91.01	3907
2096.00	3014.20	2993.50	2856	2932	23.08	51.58	90.86	3919
2098.00	3018.36	2997.66	2858	2933	23.04	51.49	90.70	4153
2100.00	3022.56	3001.86	2859	2934	22.99	51.39	90.52	4204
2102.00	3026.58	3005.88	2860	2936	22.95	51.30	90.37	4018
2104.00	3030.33	3009.63	2861	2937	22.92	51.22	90.23	3751
2106.00	3033.97	3013.27	2862	2937	22.88	51.15	90.11	3640
2108.00	3037.74	3017.04	2862	2938	22.85	51.07	89.97	3771
2110.00	3041.67	3020.97	2863	2939	22.81	50.98	89.82	3931

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM OF M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
2112.00	3045.52	3024.82	2864	2940	22.77	50.90	89.68	3853
2114.00	3049.68	3028.98	2866	2942	22.73	50.81	89.52	4153
2116.00	3053.58	3032.88	2867	2943	22.69	50.73	89.37	3899
2118.00	3057.70	3037.00	2868	2944	22.65	50.63	89.21	4126
2120.00	3061.72	3041.03	2869	2945	22.61	50.55	89.06	4023
2122.00	3065.36	3044.66	2870	2946	22.58	50.47	88.94	3640
2124.00	3069.25	3048.55	2871	2947	22.54	50.39	88.80	3882
2126.00	3073.34	3052.64	2872	2948	22.50	50.30	88.64	4098
2128.00	3077.32	3056.62	2873	2949	22.46	50.22	88.49	3976
2130.00	3081.29	3060.59	2874	2951	22.43	50.14	88.35	3967
2132.00	3085.39	3064.69	2875	2952	22.39	50.05	88.19	4105
2134.00	3090.05	3069.35	2877	2954	22.33	49.93	87.99	4661
2136.00	3093.79	3073.09	2877	2955	22.30	49.86	87.86	3739
2138.00	3097.72	3077.02	2878	2956	22.26	49.78	87.72	3922
2140.00	3101.58	3080.88	2879	2957	22.23	49.70	87.59	3862
2142.00	3105.87	3085.17	2881	2958	22.19	49.60	87.42	4292
2144.00	3109.88	3089.18	2882	2960	22.15	49.52	87.28	4009
2146.00	3113.77	3093.07	2883	2961	22.11	49.44	87.14	3888
2148.00	3117.70	3097.00	2884	2962	22.08	49.36	87.00	3938
2150.00	3121.68	3100.98	2885	2963	22.04	49.28	86.86	3977
2152.00	3125.46	3104.77	2885	2964	22.01	49.21	86.73	3783
2154.00	3129.47	3108.78	2887	2965	21.97	49.12	86.59	4010
2156.00	3133.60	3112.90	2888	2966	21.93	49.04	86.44	4120
2158.00	3137.23	3116.53	2888	2967	21.90	48.97	86.32	3639

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
2160.00	3141.20	3120.50	2889	2968	21.86	48.89	86.18	3967
2162.00	3144.96	3124.26	2890	2969	21.83	48.82	86.06	3755
2164.00	3148.75	3128.05	2891	2969	21.80	48.75	85.93	3793
2166.00	3152.66	3131.96	2892	2970	21.77	48.67	85.80	3907
2168.00	3156.66	3135.96	2893	2972	21.73	48.59	85.66	4000
2170.00	3160.95	3140.25	2894	2973	21.69	48.50	85.50	4295
2172.00	3164.70	3144.00	2895	2974	21.66	48.43	85.38	3748
2174.00	3168.44	3147.74	2896	2975	21.63	48.36	85.26	3743
2176.00	3172.07	3151.37	2896	2975	21.60	48.30	85.15	3630
2178.00	3175.38	3154.68	2897	2976	21.57	48.24	85.05	3313
2180.00	3179.04	3158.34	2898	2976	21.54	48.18	84.94	3653
2182.00	3182.66	3161.96	2898	2977	21.51	48.11	84.83	3628
2184.00	3186.39	3165.69	2899	2978	21.48	48.04	84.71	3723
2186.00	3189.91	3169.21	2900	2978	21.45	47.98	84.60	3527
2188.00	3193.51	3172.81	2900	2979	21.43	47.92	84.49	3592
2190.00	3196.98	3176.28	2901	2979	21.40	47.86	84.39	3476
2192.00	3200.70	3180.00	2901	2980	21.37	47.80	84.28	3721
2194.00	3204.54	3183.84	2902	2981	21.34	47.72	84.15	3835
2196.00	3208.27	3187.57	2903	2982	21.31	47.66	84.04	3735
2198.00	3212.15	3191.45	2904	2983	21.28	47.59	83.91	3881
2200.00	3215.88	3195.18	2905	2984	21.25	47.52	83.80	3721
2202.00	3219.64	3198.94	2905	2984	21.21	47.45	83.68	3760
2204.00	3223.32	3202.62	2906	2985	21.19	47.39	83.57	3683
2206.00	3227.39	3206.69	2907	2986	21.15	47.31	83.43	4073

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
2208.00	3231.22	3210.52	2908	2987	21.12	47.24	83.31	3832
2210.00	3235.12	3214.42	2909	2988	21.09	47.17	83.18	3900
2212.00	3238.91	3218.21	2910	2989	21.06	47.10	83.07	3790
2214.00	3242.34	3221.64	2910	2989	21.03	47.05	82.97	3424
2216.00	3246.63	3225.93	2911	2991	20.99	46.96	82.82	4298
2218.00	3250.18	3229.48	2912	2991	20.97	46.90	82.72	3545
2220.00	3253.83	3233.13	2913	2992	20.94	46.84	82.61	3651
2222.00	3257.40	3236.70	2913	2992	20.91	46.78	82.51	3570
2224.00	3261.16	3240.46	2914	2993	20.88	46.72	82.40	3756
2226.00	3264.47	3243.77	2914	2994	20.86	46.66	82.31	3311
2228.00	3268.13	3247.43	2915	2994	20.83	46.60	82.20	3657
2230.00	3271.60	3250.90	2916	2995	20.81	46.55	82.11	3471
2232.00	3275.40	3254.70	2916	2996	20.78	46.48	81.99	3805
2234.00	3279.37	3258.67	2917	2997	20.74	46.41	81.86	3967
2236.00	3282.99	3262.29	2918	2997	20.72	46.35	81.76	3624
2238.00	3285.63	3264.93	2918	2997	20.70	46.32	81.71	2640
2240.00	3289.10	3268.40	2918	2997	20.68	46.27	81.61	3467
2242.00	3292.89	3272.19	2919	2998	20.65	46.20	81.50	3789
2244.00	3296.56	3275.86	2920	2999	20.62	46.14	81.39	3671
2246.00	3300.36	3279.66	2920	3000	20.59	46.07	81.28	3802
2248.00	3304.06	3283.36	2921	3000	20.57	46.01	81.17	3702
2250.00	3307.51	3286.81	2922	3001	20.54	45.96	81.08	3446
2252.00	3311.21	3290.51	2922	3001	20.51	45.90	80.97	3697
2254.00	3314.62	3293.92	2923	3002	20.49	45.85	80.88	3417

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
2256.00	3318.46	3297.76	2924	3003	20.46	45.78	80.77	3832
2258.00	3322.41	3301.71	2924	3004	20.43	45.71	80.65	3956
2260.00	3325.53	3304.83	2925	3004	20.41	45.67	80.58	3115
2262.00	3329.13	3308.43	2925	3004	20.39	45.61	80.48	3602
2264.00	3332.78	3312.08	2926	3005	20.36	45.56	80.37	3650
2266.00	3336.24	3315.54	2926	3005	20.34	45.50	80.28	3465
2268.00	3339.69	3318.99	2927	3006	20.31	45.45	80.19	3450
2270.00	3342.94	3322.24	2927	3006	20.29	45.40	80.11	3251
2272.00	3346.56	3325.86	2928	3007	20.27	45.35	80.01	3619
2274.00	3350.31	3329.61	2928	3007	20.24	45.29	79.91	3751
2276.00	3353.97	3333.27	2929	3008	20.21	45.23	79.81	3653
2278.00	3357.19	3336.49	2929	3008	20.19	45.18	79.73	3221
2280.00	3361.05	3340.35	2930	3009	20.16	45.12	79.62	3864
2282.00	3364.20	3343.50	2930	3009	20.14	45.08	79.54	3148
2284.00	3367.25	3346.55	2930	3009	20.13	45.04	79.47	3051
2286.00	3370.34	3349.64	2931	3009	20.11	45.00	79.40	3093
2288.00	3373.66	3352.96	2931	3010	20.09	44.95	79.32	3315
2290.00	3377.32	3356.62	2932	3010	20.06	44.89	79.22	3658
2292.00	3381.07	3360.37	2932	3011	20.03	44.83	79.12	3760
2294.00	3384.87	3364.17	2933	3012	20.01	44.77	79.01	3799
2296.00	3388.50	3367.80	2934	3012	19.98	44.72	78.91	3627
2298.00	3392.36	3371.66	2934	3013	19.95	44.65	78.80	3862
2300.00	3396.05	3375.35	2935	3014	19.93	44.60	78.70	3685
2302.00	3399.72	3379.02	2936	3014	19.90	44.54	78.60	3676

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
2304.00	3403.60	3382.90	2937	3015	19.87	44.48	78.49	3877
2306.00	3407.25	3386.55	2937	3016	19.85	44.42	78.40	3652
2308.00	3411.08	3390.38	2938	3017	19.82	44.36	78.29	3823
2310.00	3414.51	3393.81	2938	3017	19.80	44.31	78.21	3432
2312.00	3418.30	3397.60	2939	3018	19.77	44.25	78.10	3788
2314.00	3422.21	3401.51	2940	3019	19.74	44.19	77.99	3909
2316.00	3425.74	3405.04	2940	3019	19.72	44.14	77.90	3537
2318.00	3429.34	3408.64	2941	3020	19.70	44.08	77.81	3600
2320.00	3432.69	3411.99	2941	3020	19.67	44.04	77.73	3351
2322.00	3435.78	3415.08	2942	3020	19.66	44.00	77.66	3089
2324.00	3439.36	3418.66	2942	3021	19.63	43.95	77.57	3576
2326.00	3443.26	3422.56	2943	3021	19.61	43.88	77.46	3905
2328.00	3446.92	3426.22	2943	3022	19.58	43.83	77.37	3656
2330.00	3450.49	3429.79	2944	3023	19.56	43.78	77.28	3573
2332.00	3453.94	3433.24	2944	3023	19.54	43.73	77.19	3452
2334.00	3457.30	3436.60	2945	3023	19.52	43.68	77.11	3359
2336.00	3460.99	3440.29	2945	3024	19.49	43.63	77.02	3686
2338.00	3464.96	3444.26	2946	3025	19.46	43.57	76.91	3966
2340.00	3469.17	3448.47	2947	3026	19.43	43.49	76.78	4215
2342.00	3472.92	3452.22	2948	3027	19.40	43.44	76.69	3752
2344.00	3476.87	3456.17	2949	3028	19.38	43.38	76.58	3948
2346.00	3479.91	3459.21	2949	3028	19.36	43.34	76.51	3034
2348.00	3483.46	3462.76	2950	3028	19.34	43.29	76.43	3551
2350.00	3486.34	3465.64	2949	3028	19.32	43.26	76.37	2881

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
2352.00	3489.11	3468.41	2949	3028	19.31	43.23	76.32	2775
2354.00	3492.77	3472.07	2950	3028	19.29	43.17	76.22	3660
2356.00	3496.56	3475.86	2951	3029	19.26	43.12	76.13	3790
2358.00	3500.25	3479.55	2951	3030	19.24	43.06	76.03	3691
2360.00	3503.52	3482.82	2952	3030	19.22	43.02	75.96	3266
2362.00	3506.80	3486.10	2952	3030	19.20	42.98	75.89	3281
2364.00	3509.39	3488.69	2952	3030	19.19	42.95	75.84	2592
2366.00	3513.07	3492.37	2952	3030	19.16	42.90	75.75	3678
2368.00	3516.21	3495.51	2952	3031	19.15	42.86	75.68	3143
2370.00	3519.91	3499.21	2953	3031	19.12	42.81	75.59	3695
2372.00	3523.69	3502.99	2954	3032	19.10	42.76	75.49	3783
2374.00	3527.39	3506.69	2954	3033	19.07	42.70	75.40	3704
2376.00	3531.10	3510.40	2955	3033	19.05	42.65	75.31	3703
2378.00	3534.80	3514.10	2956	3034	19.03	42.60	75.22	3704
2380.00	3538.50	3517.80	2956	3034	19.00	42.54	75.12	3703
2382.00	3542.21	3521.51	2957	3035	18.98	42.49	75.03	3703
2384.00	3545.91	3525.21	2957	3036	18.95	42.44	74.94	3703
2386.00	3549.60	3528.90	2958	3036	18.93	42.39	74.85	3688
2388.00	3552.45	3531.75	2958	3036	18.92	42.36	74.80	2851
2390.00	3556.05	3535.35	2958	3037	18.90	42.31	74.71	3598
2392.00	3559.59	3538.89	2959	3037	18.87	42.26	74.63	3542
2394.00	3563.29	3542.59	2960	3038	18.85	42.21	74.54	3696
2396.00	3566.74	3546.04	2960	3038	18.83	42.16	74.46	3454
2398.00	3570.47	3549.77	2961	3039	18.81	42.11	74.37	3727

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
2400.00	3574.28	3553.58	2961	3039	18.78	42.06	74.28	3812
2402.00	3577.81	3557.11	2962	3040	18.76	42.01	74.19	3527
2404.00	3581.24	3560.54	2962	3040	18.74	41.97	74.12	3434
2406.00	3585.33	3564.63	2963	3041	18.71	41.91	74.01	4094
2408.00	3588.65	3567.95	2963	3041	18.70	41.86	73.94	3321
2410.00	3592.03	3571.33	2964	3042	18.68	41.82	73.86	3376
2412.00	3595.79	3575.09	2964	3042	18.65	41.77	73.77	3760
2414.00	3598.99	3578.29	2965	3043	18.64	41.73	73.71	3197
2416.00	3602.19	3581.49	2965	3043	18.62	41.69	73.64	3199
2418.00	3605.66	3584.96	2965	3043	18.60	41.65	73.56	3477
2420.00	3608.54	3587.84	2965	3043	18.59	41.62	73.51	2876
2422.00	3611.87	3591.17	2965	3043	18.57	41.58	73.44	3328
2424.00	3615.50	3594.80	2966	3044	18.55	41.53	73.36	3630
2426.00	3619.50	3598.80	2967	3045	18.52	41.47	73.25	4005
2428.00	3623.00	3602.30	2967	3045	18.50	41.43	73.18	3501
2430.00	3626.22	3605.52	2968	3045	18.48	41.39	73.11	3214
2432.00	3629.23	3608.53	2968	3045	18.47	41.36	73.05	3016
2434.00	3632.85	3612.15	2968	3046	18.45	41.31	72.97	3616
2436.00	3636.77	3616.07	2969	3046	18.42	41.26	72.88	3919
2438.00	3640.05	3619.35	2969	3047	18.40	41.22	72.81	3279
2440.00	3643.10	3622.40	2969	3047	18.39	41.18	72.75	3048
2442.00	3645.92	3625.22	2969	3047	18.38	41.16	72.70	2829
2444.00	3648.82	3628.12	2969	3046	18.36	41.13	72.65	2900
2446.00	3652.75	3632.05	2970	3047	18.34	41.07	72.55	3927

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
2448.00	3655.97	3635.27	2970	3047	18.32	41.03	72.49	3222
2450.00	3659.42	3638.72	2970	3048	18.30	40.99	72.41	3443
2452.00	3662.82	3642.12	2971	3048	18.28	40.95	72.34	3400
2454.00	3666.61	3645.91	2971	3049	18.26	40.90	72.25	3798
2456.00	3670.26	3649.56	2972	3049	18.24	40.85	72.17	3643
2458.00	3673.83	3653.13	2972	3050	18.22	40.81	72.09	3569
2460.00	3677.20	3656.50	2973	3050	18.20	40.77	72.02	3370
2462.00	3679.86	3659.16	2973	3050	18.19	40.74	71.98	2661
2464.00	3682.59	3661.89	2972	3049	18.18	40.72	71.93	2731
2466.00	3686.33	3665.63	2973	3050	18.16	40.67	71.85	3738
2468.00	3689.76	3669.06	2973	3050	18.14	40.63	71.78	3430
2470.00	3693.28	3672.58	2974	3051	18.12	40.58	71.70	3522
2472.00	3696.70	3676.00	2974	3051	18.10	40.54	71.63	3427
2474.00	3699.88	3679.18	2974	3051	18.08	40.51	71.57	3180
2476.00	3703.60	3682.90	2975	3052	18.06	40.46	71.48	3716
2478.00	3707.09	3686.39	2975	3052	18.04	40.42	71.41	3491
2480.00	3711.07	3690.37	2976	3053	18.02	40.36	71.32	3977
2482.00	3714.43	3693.73	2976	3053	18.00	40.32	71.25	3358
2484.00	3717.66	3696.96	2977	3053	17.99	40.29	71.18	3238
2486.00	3721.07	3700.37	2977	3054	17.97	40.25	71.12	3403
2488.00	3724.41	3703.71	2977	3054	17.95	40.21	71.05	3338
2490.00	3727.67	3706.97	2977	3054	17.93	40.17	70.99	3268
2492.00	3731.23	3710.53	2978	3055	17.92	40.13	70.91	3553
2494.00	3734.04	3713.34	2978	3054	17.90	40.10	70.86	2810

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
2496.00	3737.85	3717.15	2978	3055	17.88	40.06	70.78	3813
2498.00	3741.77	3721.07	2979	3056	17.86	40.00	70.69	3916
2500.00	3745.71	3725.01	2980	3057	17.83	39.95	70.59	3940
2502.00	3749.21	3728.51	2980	3057	17.82	39.91	70.52	3500
2504.00	3752.97	3732.27	2981	3058	17.79	39.86	70.44	3768
2506.00	3756.17	3735.47	2981	3058	17.78	39.83	70.38	3192
2508.00	3759.51	3738.81	2982	3058	17.76	39.79	70.31	3341
2510.00	3762.82	3742.12	2982	3058	17.75	39.75	70.25	3308
2512.00	3766.45	3745.75	2982	3059	17.73	39.71	70.17	3633
2514.00	3769.96	3749.27	2983	3059	17.71	39.67	70.10	3516
2516.00	3774.06	3753.36	2984	3060	17.68	39.61	70.00	4099
2518.00	3778.17	3757.47	2984	3061	17.66	39.56	69.90	4109
2520.00	3781.92	3761.22	2985	3062	17.64	39.51	69.82	3749
2522.00	3785.66	3764.96	2986	3062	17.62	39.46	69.74	3736
2524.00	3789.54	3768.84	2986	3063	17.59	39.41	69.66	3883
2526.00	3793.45	3772.75	2987	3064	17.57	39.36	69.57	3910
2528.00	3797.31	3776.61	2988	3065	17.55	39.32	69.48	3862
2530.00	3801.33	3780.63	2989	3065	17.52	39.26	69.39	4018
2532.00	3805.04	3784.34	2989	3066	17.50	39.22	69.31	3713
2534.00	3808.81	3788.11	2990	3067	17.48	39.17	69.23	3762
2536.00	3812.60	3791.90	2990	3067	17.46	39.12	69.15	3798

ANALYST: R.HUNT 10-DEC-84 07:07:56 PROGRAM: GTRFRM 007.E08

SCHLUMBERGER

SYNTHETIC SEISMOGRAM TABLE

COMPANY : ESSO AUSTRALIA LTD.
WELL : GRUNTER # 1.
FIELD : WILDCAT.
COUNTY :
STATE : VICTORIA.
COUNTRY : AUSTRALIA
REFERENCE: FS2A.540,215
LOGGED : 24-OCT-1984

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
UNVERT- 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

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

CHANNEL NAMES

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

CHANNEL NAMES

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

(GLOBAL PARAMETERS)		(VALUE)	
MODE OF PROC (GEOGRAM)	IGEOFL	0	
INITIALIZE CDP LOGIC	ICDP	0	
CDP TIME	CDPTIM	.200000	S
TIME SAMPLING (MST)	SRATE	2.00000	MS
TOP DEPTH OF PROCESSING	INDEP	249.350	M
BOTTOM DEPTH OF PROCESSI	IGESTP	3792.00	M
INITIAL TWO WAY TRAVEL T	INITAU	.270000	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	3186.14	M/S
UNIFORM EARTH VELOCITY	UNERTH	2133.60	M/S
UNIFORM DENSITY VALUE	UNFDEN	2.30000	G/C3

(MATRIX PARAMETERS)

1 GP*

(ZONED PARAMETERS)		(VALUE)		(LIMITS)		
LAYER OPTION FLAG DENS	LOFDEN	:-1.000000		30479.7	-	0
LAYER OPTION FLAG VELOC	LOFVEL	: 1.000000		30479.7	-	0
USER SUPPLIED DENSITY DA	LAYDEN	:-999.2500	G/C3	30479.7	-	0
USER VELOC (*ST)	LAYVEL	: 1480.000	M/S	30479.7	-	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
		1902	2.330					
272.0	251.25			.007	.99995	.00700	.00700	0
		1929	2.330					
274.0	253.18			-.006	.99992	-.00569	-.00573	-.00005
		1907	2.330					
276.0	255.09			-.003	.99991	-.00342	-.00334	.00008
		1894	2.330					
278.0	256.98			.010	.99981	.00960	.00962	.00001
		1931	2.330					
280.0	258.91			-.002	.99981	-.00162	-.00179	-.00017
		1925	2.330					
282.0	260.84			.003	.99980	.00316	.00329	.00012
		1937	2.330					
284.0	262.78			.002	.99980	.00162	.00162	0
		1943	2.330					
286.0	264.72			.012	.99966	.01191	.01182	-.00009
		1990	2.330					
288.0	266.71			-.011	.99955	-.01052	-.01061	-.00009
		1949	2.330					
290.0	268.66			0	.99955	-.00027	-.00004	.00023
		1948	2.330					
292.0	270.61			.007	.99950	.00704	.00698	-.00006
		1975	2.330					
294.0	272.58			.004	.99948	.00408	.00368	-.00040
		1991	2.330					
296.0	274.57			.003	.99947	.00315	.00341	.00026
		2004	2.330					
298.0	276.58			-.008	.99941	-.00794	-.00801	-.00007
		1972	2.330					
300.0	278.55			-.010	.99931	-.00996	-.00990	.00006
		1934	2.330					
302.0	280.48			.005	.99928	.00541	.00533	-.00009
		1955	2.330					
304.0	282.44			.002	.99928	.00193	.00184	-.00009
		1962	2.330					
306.0	284.40			.001	.99927	.00111	.00109	-.00002
		1967	2.330					
308.0	286.37			.006	.99924	.00611	.00611	0
		1991	2.330					
310.0	288.36			-.009	.99916	-.00856	-.00866	-.00010
		1957	2.330					
312.0	290.31			-.004	.99915	-.00377	-.00350	.00028
		1942	2.330					
314.0	292.26			.010	.99905	.01001	.01019	.00018
		1981	2.330					
316.0	294.24			-.003	.99904	-.00293	-.00330	-.00037
		1970	2.330					
318.0	296.21			.008	.99898	.00783	.00774	-.00009
		2001	2.330					

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
320.0	298.21			-.002	.99897	-.00200	-.00193	.00007
		1993	2.330					
322.0	300.20			.005	.99895	.00485	.00499	.00014
		2012	2.330					
324.0	302.21			.004	.99894	.00371	.00375	.00004
		2028	2.330					
326.0	304.24			-.001	.99894	-.00083	-.00079	.00005
		2024	2.330					
328.0	306.27			.006	.99890	.00640	.00622	-.00018
		2050	2.330					
330.0	308.32			.004	.99888	.00397	.00332	-.00065
		2067	2.330					
332.0	310.38			-.003	.99887	-.00310	-.00265	.00044
		2054	2.330					
334.0	312.44			.003	.99886	.00251	.00250	-.00001
		2064	2.330					
336.0	314.50			.003	.99886	.00276	.00281	.00004
		2076	2.330					
338.0	316.58			.002	.99885	.00198	.00169	-.00028
		2084	2.330					
340.0	318.66			-.001	.99885	-.00106	-.00145	-.00038
		2079	2.330					
342.0	320.74			-.003	.99884	-.00254	-.00234	.00020
		2069	2.330					
344.0	322.81			-.026	.99817	-.02593	-.02600	-.00007
		1964	2.330					
346.0	324.77			.005	.99815	.00469	.00490	.00020
		1983	2.330					
348.0	326.75			.003	.99814	.00273	.00268	-.00005
		1994	2.330					
350.0	328.75			.009	.99807	.00852	.00807	-.00045
		2028	2.330					
352.0	330.78			0	.99807	-.00027	.00004	.00030
		2027	2.330					
354.0	332.80			.004	.99805	.00428	.00444	.00015
		2044	2.330					
356.0	334.85			-.001	.99805	-.00081	-.00067	.00013
		2041	2.330					
358.0	336.89			.005	.99802	.00532	.00547	.00015
		2063	2.330					
360.0	338.95			-.005	.99800	-.00450	-.00408	.00041
		2044	2.330					
362.0	341.00			0	.99800	-.00021	-.00115	-.00094
		2044	2.330					
364.0	343.04			.005	.99798	.00462	.00498	.00035
		2063	2.330					
366.0	345.10			.001	.99798	.00146	.00131	-.00015
		2069	2.330					
368.0	347.17			.012	.99783	.01225	.01273	.00049

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
		2120	2,330					
370.0	349.29			.009	.99775	.00905	.00888	-.00017
		2159	2,330					
372.0	351.45			-.013	.99758	-.01269	-.01348	-.00079
		2105	2,330					
374.0	353.55			.006	.99755	.00549	.00518	-.00031
		2128	2,330					
376.0	355.68			.002	.99755	.00188	.00198	.00011
		2136	2,330					
378.0	357.82			.001	.99755	.00082	.00071	-.00011
		2139	2,330					
380.0	359.96			.005	.99753	.00482	.00499	.00017
		2160	2,330					
382.0	362.12			.009	.99745	.00881	.00868	-.00013
		2199	2,330					
384.0	364.32			.004	.99743	.00447	.00373	-.00073
		2219	2,330					
386.0	366.53			-.005	.99740	-.00517	-.00522	-.00006
		2196	2,330					
388.0	368.73			-.003	.99739	-.00314	-.00215	.00099
		2182	2,330					
390.0	370.91			-.001	.99739	-.00084	-.00186	-.00101
		2178	2,330					
392.0	373.09			-.003	.99738	-.00325	-.00311	.00014
		2164	2,330					
394.0	375.25			.008	.99732	.00773	.00770	-.00003
		2198	2,330					
396.0	377.45			.001	.99732	.00132	.00142	.00010
		2204	2,330					
398.0	379.66			.007	.99726	.00741	.00786	.00044
		2237	2,330					
400.0	381.89			.006	.99723	.00582	.00572	-.00010
		2263	2,330					
402.0	384.16			.026	.99658	.02548	.02509	-.00039
		2382	2,330					
404.0	386.54			.029	.99575	.02868	.02875	.00007
		2523	2,330					
406.0	389.06			-.069	.99099	-.06884	-.06969	-.00085
		2196	2,330					
408.0	391.26			.004	.99098	.00397	.00553	.00156
		2214	2,330					
410.0	393.47			.002	.99097	.00210	.00126	-.00084
		2224	2,330					
412.0	395.69			.008	.99091	.00784	.00676	-.00108
		2259	2,330					
414.0	397.95			-.003	.99090	-.00283	-.00214	.00069
		2246	2,330					
416.0	400.20			.012	.99077	.01154	.01075	-.00078
		2299	2,330					

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
418.0	402.50			-.002	.99077	-.00168	-.00307	-.00139
420.0	404.79	2291	2.330	-.004	.99075	-.00386	-.00355	.00031
422.0	407.06	2273	2.330	.002	.99075	.00222	.00442	.00221
424.0	409.35	2284	2.330	-.005	.99072	-.00492	-.00659	-.00167
426.0	411.61	2261	2.330	.001	.99072	.00139	.00075	-.00064
428.0	413.87	2267	2.330	.005	.99070	.00458	.00495	.00037
430.0	416.16	2288	2.330	-.010	.99061	-.00958	-.00892	.00066
432.0	418.41	2245	2.330	.003	.99060	.00325	.00444	.00120
434.0	420.67	2259	2.330	.001	.99060	.00106	-.00025	-.00131
436.0	422.93	2264	2.330	0	.99059	-.00030	-.00224	-.00193
438.0	425.19	2263	2.330	.004	.99058	.00399	.00470	.00071
440.0	427.48	2281	2.330	-.008	.99051	-.00842	-.00795	.00047
442.0	429.72	2243	2.330	.005	.99048	.00488	.00553	.00065
444.0	431.98	2265	2.330	-.001	.99048	-.00058	.00091	.00149
446.0	434.25	2262	2.330	.003	.99048	.00260	.00051	-.00209
448.0	436.52	2274	2.330	-.001	.99047	-.00110	-.00238	-.00128
450.0	438.79	2269	2.330	.006	.99043	.00641	.00741	.00100
452.0	441.09	2299	2.330	-.004	.99041	-.00430	-.00486	-.00056
454.0	443.37	2279	2.330	.001	.99041	.00125	.00200	.00075
456.0	445.65	2285	2.330	.006	.99038	.00591	.00592	.00002
458.0	447.96	2312	2.330	-.001	.99038	-.00073	-.00076	-.00003
460.0	450.27	2309	2.330	.006	.99034	.00571	.00529	-.00042
462.0	452.61	2335	2.330	.001	.99034	.00054	-.00034	-.00088
464.0	454.94	2338	2.330	.005	.99032	.00458	.00469	.00011
466.0	457.30	2360	2.330	-.004	.99030	-.00443	-.00450	-.00007

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
		2339	2.330					
468.0	459.64			-.004	.99028	-.00441	-.00441	.00001
		2318	2.330					
470.0	461.96			.004	.99026	.00429	.00405	-.00024
		2338	2.330					
472.0	464.30			-.005	.99024	-.00466	-.00401	.00065
		2316	2.330					
474.0	466.62			.001	.99024	.00085	.00159	.00074
		2320	2.330					
476.0	468.94			.005	.99021	.00527	.00585	.00058
		2345	2.330					
478.0	471.28			.003	.99021	.00301	.00380	.00079
		2359	2.330					
480.0	473.64			.020	.98980	.01993	.01537	-.00456
		2456	2.330					
482.0	476.10			-.009	.98972	-.00926	-.00933	-.00007
		2411	2.330					
484.0	478.51			-.005	.98970	-.00451	-.00362	.00089
		2389	2.330					
486.0	480.90			-.003	.98969	-.00301	-.00197	.00103
		2374	2.330					
488.0	483.27			-.005	.98966	-.00537	-.00613	-.00075
		2349	2.330					
490.0	485.62			0	.98966	-.00037	.00078	.00115
		2347	2.330					
492.0	487.96			-.003	.98965	-.00300	-.00413	-.00114
		2333	2.330					
494.0	490.30			.008	.98959	.00763	.00793	.00029
		2369	2.330					
496.0	492.67			-.009	.98951	-.00886	-.01004	-.00118
		2327	2.330					
498.0	494.99			-.012	.98937	-.01180	-.01217	-.00037
		2272	2.330					
500.0	497.27			.016	.98913	.01536	.01555	.00019
		2344	2.330					
502.0	499.61			.029	.98829	.02887	.02726	-.00161
		2485	2.330					
504.0	502.09			.002	.98829	.00150	.00294	.00143
		2492	2.330					
506.0	504.59			-.006	.98825	-.00572	-.00316	.00256
		2464	2.330					
508.0	507.05			.003	.98824	.00316	.00063	-.00253
		2479	2.330					
510.0	509.53			0	.98824	-.00034	-.00040	-.00006
		2478	2.330					
512.0	512.01			-.011	.98813	-.01071	-.01084	-.00013
		2425	2.330					
514.0	514.43			.010	.98804	.00944	.00819	-.00125
		2471	2.330					

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
516.0	516.90			.004	.98802	.00395	.00303	-.00092
		2491	2.330					
518.0	519.39			-.001	.98802	-.00122	.00001	.00123
		2485	2.330					
520.0	521.88			-.003	.98801	-.00330	-.00094	.00236
		2469	2.330					
522.0	524.35			-.001	.98801	-.00144	-.00268	-.00125
		2461	2.330					
524.0	526.81			0	.98801	-.00007	-.00071	-.00063
		2461	2.330					
526.0	529.27			-.006	.98797	-.00587	-.00758	-.00171
		2432	2.330					
528.0	531.70			0	.98797	.00033	-.00056	-.00089
		2434	2.330					
530.0	534.14			0	.98797	-.00049	.00104	.00153
		2431	2.330					
532.0	536.57			.003	.98796	.00301	.00274	-.00026
		2446	2.330					
534.0	539.01			-.019	.98759	-.01913	-.01862	.00051
		2353	2.330					
536.0	541.37			.006	.98756	.00578	.00499	-.00079
		2381	2.330					
538.0	543.75			-.015	.98734	-.01457	-.01280	.00177
		2312	2.330					
540.0	546.06			-.004	.98733	-.00425	-.00108	.00317
		2292	2.330					
542.0	548.35			-.019	.98698	-.01858	-.02324	-.00465
		2207	2.330					
544.0	550.56			0	.98698	.00014	.00064	.00050
		2208	2.330					
546.0	552.76			.005	.98695	.00488	.00404	-.00084
		2230	2.330					
548.0	554.99			.002	.98695	.00149	.00182	.00033
		2236	2.330					
550.0	557.23			-.004	.98693	-.00381	-.00332	.00049
		2219	2.330					
552.0	559.45			.004	.98692	.00432	.00586	.00153
		2239	2.330					
554.0	561.69			-.014	.98672	-.01393	-.01367	.00026
		2176	2.330					
556.0	563.87			-.010	.98661	-.01022	-.01114	-.00092
		2132	2.330					
558.0	566.00			.005	.98658	.00541	.00604	.00063
		2155	2.330					
560.0	568.15			.002	.98658	.00210	-.00028	-.00237
		2164	2.330					
562.0	570.32			.015	.98636	.01477	.01461	-.00016
		2230	2.330					
564.0	572.55			.001	.98636	.00111	.00265	.00154

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OF TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
		2235	2.330					
566.0	574.78			.017	.98607	.01667	.01568	-.00099
		2312	2.330					
568.0	577.09			-.002	.98607	-.00245	-.00254	-.00009
		2301	2.330					
570.0	579.39			.009	.98598	.00930	.00902	-.00027
		2344	2.330					
572.0	581.74			0	.98598	-.00027	-.00032	-.00004
		2343	2.330					
574.0	584.08			.014	.98579	.01370	.01383	.00013
		2409	2.330					
576.0	586.49			-.013	.98562	-.01296	-.01197	.00100
		2347	2.330					
578.0	588.84			.003	.98561	.00257	.00292	.00035
		2359	2.330					
580.0	591.20			0	.98561	-.00048	-.00113	-.00065
		2357	2.330					
582.0	593.55			-.006	.98557	-.00617	-.00623	-.00006
		2327	2.330					
584.0	595.88			.005	.98555	.00467	.00309	-.00159
		2349	2.330					
586.0	598.23			-.011	.98543	-.01100	-.00996	.00103
		2298	2.330					
588.0	600.53			-.010	.98533	-.01004	-.01078	-.00074
		2251	2.330					
590.0	602.78			-.006	.98529	-.00576	-.00603	-.00028
		2225	2.330					
592.0	605.00			-.012	.98515	-.01192	-.01028	.00164
		2172	2.330					
594.0	607.18			.078	.97916	.07678	.07636	-.00042
		2539	2.330					
596.0	609.72			.017	.97889	.01626	.01641	.00015
		2625	2.330					
598.0	612.34			.021	.97847	.02042	.02159	.00117
		2737	2.330					
600.0	615.08			.008	.97841	.00748	.00804	.00056
		2779	2.330					
602.0	617.66			-.020	.97803	-.01931	-.01997	-.00066
		2671	2.330					
604.0	620.53			.009	.97796	.00845	.00910	.00064
		2718	2.330					
606.0	623.25			0	.97796	.00011	-.00053	-.00063
		2718	2.330					
608.0	625.96			.139	.95896	.13631	.13400	-.00231
		3599	2.330					
610.0	629.56			-.131	.94244	-.12587	-.12883	-.00296
		2764	2.330					
612.0	632.33			.008	.94237	.00780	.00798	.00019
		2810	2.330					

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
614.0	635.14			-.004	.94236	-.00363	-.00366	-.00003
		2788	2.330					
616.0	637.93			-.021	.94195	-.01957	-.02262	-.00305
		2675	2.330					
618.0	640.60			-.024	.94140	-.02276	-.02188	.00088
		2549	2.330					
620.0	643.15			.007	.94135	.00697	.00470	-.00227
		2587	2.330					
622.0	645.74			.003	.94134	.00318	.00246	-.00072
		2604	2.330					
624.0	648.34			.016	.94111	.01481	.01713	.00233
		2688	2.330					
626.0	651.03			.030	.94024	.02851	.03350	.00499
		2855	2.330					
628.0	653.88			-.020	.93988	-.01838	-.02326	-.00488
		2746	2.330					
630.0	656.63			-.019	.93955	-.01767	-.01707	.00059
		2645	2.330					
632.0	659.27			.010	.93946	.00917	.00663	-.00254
		2697	2.330					
634.0	661.97			.008	.93941	.00713	.00586	-.00127
		2738	2.330					
636.0	664.71			-.003	.93940	-.00326	.00140	.00466
		2719	2.330					
638.0	667.43			-.005	.93938	-.00428	0	.00428
		2694	2.330					
640.0	670.12			.019	.93904	.01789	.01658	-.00130
		2799	2.330					
642.0	672.92			-.004	.93902	-.00336	-.00627	-.00292
		2779	2.330					
644.0	675.70			-.013	.93886	-.01228	-.00850	.00378
		2707	2.330					
646.0	678.41			-.019	.93854	-.01751	-.02171	-.00419
		2608	2.330					
648.0	681.02			.041	.93699	.03813	.03878	.00065
		2829	2.330					
650.0	683.84			.004	.93697	.00382	.00365	-.00016
		2852	2.330					
652.0	686.70			.006	.93693	.00609	.00447	-.00162
		2889	2.330					
654.0	689.59			-.054	.93415	-.05104	-.04624	.00479
		2591	2.330					
656.0	692.18			.006	.93412	.00540	.00007	-.00533
		2621	2.330					
658.0	694.80			.005	.93410	.00452	.00510	.00058
		2647	2.330					
660.0	697.44			.047	.93203	.04402	.04036	-.00366
		2908	2.330					
662.0	700.35			-.007	.93197	-.00696	-.00536	.00160

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
		2865	2.330					
664.0	703.22	2888	2.330	.004	.93196	.00375	.00431	.00056
666.0	706.11	2804	2.330	-.015	.93176	-.01377	-.01229	.00148
668.0	708.91	2893	2.330	.016	.93153	.01449	.02148	.00699
670.0	711.80	2882	2.330	-.002	.93153	-.00175	-.00283	-.00108
672.0	714.69	2822	2.330	-.010	.93142	-.00975	-.00969	.00006
674.0	717.51	2881	2.330	.010	.93132	.00964	.00616	-.00348
676.0	720.39	2826	2.330	-.010	.93124	-.00905	-.00887	.00018
678.0	723.22	2850	2.330	.004	.93122	.00392	.00349	-.00043
680.0	726.07	2868	2.330	.003	.93121	.00298	.00406	.00108
682.0	728.93	2877	2.330	.002	.93121	.00142	.00766	.00624
684.0	731.81	2820	2.330	-.010	.93112	-.00924	-.01918	-.00994
686.0	734.63	2805	2.330	-.003	.93111	-.00249	-.00103	.00146
688.0	737.44	2769	2.330	-.007	.93107	-.00609	-.00540	.00068
690.0	740.20	2809	2.330	.007	.93102	.00673	.00688	.00015
692.0	743.01	2918	2.330	.019	.93069	.01766	.01045	-.00720
694.0	745.93	2916	2.330	0	.93069	-.00031	-.00307	-.00276
696.0	748.85	2640	2.330	-.050	.92840	-.04616	-.04497	.00119
698.0	751.49	2649	2.330	.002	.92839	.00157	.00575	.00418
700.0	754.14	2684	2.330	.006	.92836	.00603	.00593	-.00010
702.0	756.82	2877	2.330	.035	.92723	.03234	.03053	-.00182
704.0	759.70	2708	2.330	-.030	.92637	-.02819	-.03041	-.00222
706.0	762.41	2753	2.330	.008	.92631	.00765	.00417	-.00348
708.0	765.16	2803	2.330	.009	.92623	.00831	.00800	-.00031
710.0	767.96	2882	2.330	.014	.92605	.01288	.02252	.00964

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
712.0	770.84			-.002	.92605	-.00206	-.00978	-.00771
		2869	2.330					
714.0	773.71			0	.92605	.00027	.00343	.00315
		2871	2.330					
716.0	776.58			-.009	.92598	-.00811	-.00605	.00206
		2821	2.330					
718.0	779.40			.014	.92580	.01300	.01017	-.00284
		2901	2.330					
720.0	782.30			.003	.92579	.00247	.00283	.00036
		2917	2.330					
722.0	785.22			-.022	.92533	-.02059	-.01733	.00326
		2790	2.330					
724.0	788.01			.027	.92466	.02501	.02250	-.00251
		2945	2.330					
726.0	790.95			-.024	.92412	-.02225	-.02954	-.00729
		2806	2.330					
728.0	793.76			.007	.92408	.00630	-.00033	-.00663
		2845	2.330					
730.0	796.61			.034	.92301	.03147	.04577	.01430
		3045	2.330					
732.0	799.65			-.044	.92120	-.04081	-.04566	-.00486
		2788	2.330					
734.0	802.44			-.005	.92117	-.00497	.00185	.00682
		2758	2.330					
736.0	805.20			-.006	.92114	-.00544	-.01011	-.00467
		2725	2.330					
738.0	807.92			.007	.92110	.00641	.00223	-.00418
		2763	2.330					
740.0	810.68			.025	.92054	.02258	.01765	-.00493
		2902	2.330					
742.0	813.59			.020	.92017	.01853	.02072	.00219
		3022	2.330					
744.0	816.61			-.002	.92017	-.00190	.02611	.02801
		3009	2.330					
746.0	819.62			-.011	.92005	-.01038	-.03406	-.02369
		2942	2.330					
748.0	822.56			.003	.92004	.00234	.01049	.00816
		2957	2.330					
750.0	825.52			.010	.91994	.00962	.00868	-.00094
		3019	2.330					
752.0	828.54			-.018	.91964	-.01672	-.01706	-.00035
		2912	2.330					
754.0	831.45			-.017	.91939	-.01521	-.02267	-.00746
		2817	2.330					
756.0	834.26			.015	.91919	.01344	.01354	.00010
		2885	2.342					
758.0	837.15			.037	.91792	.03417	.03314	-.00103
		3085	2.360					
760.0	840.24			-.023	.91743	-.02115	-.01881	.00234

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
		2970	2,341					
762.0	843.21			-.030	.91661	-.02744	-.02095	.00648
		2804	2,335					
764.0	846.01			.024	.91608	.02212	.02029	-.00182
		2918	2,355					
766.0	848.93			.030	.91525	.02765	.02359	-.00406
		3111	2,346					
768.0	852.04			-.014	.91507	-.01284	-.00925	.00359
		3022	2,348					
770.0	855.06			-.032	.91414	-.02906	-.03096	-.00190
		2851	2,336					
772.0	857.91			.031	.91328	.02814	.02485	-.00329
		2990	2,369					
774.0	860.90			-.042	.91169	-.03801	-.03907	-.00105
		2811	2,318					
776.0	863.71			.025	.91111	.02301	.02697	.00395
		2995	2,289					
778.0	866.71			.027	.91045	.02465	.02687	.00222
		3068	2,359					
780.0	869.78			-.025	.90986	-.02319	-.02836	-.00516
		2952	2,330					
782.0	872.73			-.047	.90787	-.04250	-.04366	-.00116
		2736	2,289					
784.0	875.46			.037	.90661	.03383	.03505	.00123
		2884	2,340					
786.0	878.35			.031	.90572	.02845	.03268	.00423
		3025	2,375					
788.0	881.37			-.015	.90551	-.01379	-.01102	.00278
		2961	2,354					
790.0	884.33			-.003	.90550	-.00238	-.00659	-.00421
		2942	2,356					
792.0	887.28			-.017	.90524	-.01526	-.02061	-.00535
		2872	2,334					
794.0	890.15			-.036	.90409	-.03232	-.03546	-.00314
		2694	2,316					
796.0	892.84			.019	.90375	.01751	.02769	.01018
		2779	2,335					
798.0	895.62			.034	.90270	.03081	.02287	-.00794
		2954	2,351					
800.0	898.58			.001	.90270	.00132	.00251	.00119
		2962	2,352					
802.0	901.54			-.004	.90269	-.00326	-.00372	-.00046
		2944	2,349					
804.0	904.48			.018	.90240	.01603	.01928	.00324
		3023	2,370					
806.0	907.51			-.008	.90235	-.00677	-.01220	-.00543
		2981	2,368					
808.0	910.49			-.001	.90235	-.00087	-.00088	-.00001
		2964	2,377					

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
810.0	913.45			-.034	.90132	-.03045	-.02971	.00074
		2812	2.342					
812.0	916.26			.011	.90122	.00973	.00516	-.00458
		2868	2.346					
814.0	919.13			.017	.90096	.01529	.01704	.00176
		2954	2.357					
816.0	922.09			.007	.90091	.00670	.01118	.00448
		3003	2.353					
818.0	925.09			.006	.90087	.00564	.00286	-.00278
		3015	2.374					
820.0	928.10			-.003	.90086	-.00296	.00327	.00622
		3003	2.367					
822.0	931.11			.016	.90065	.01399	.01581	.00182
		3083	2.378					
824.0	934.19			-.021	.90026	-.01868	-.02312	-.00444
		2990	2.353					
826.0	937.18			.012	.90013	.01061	.01159	.00098
		3038	2.371					
828.0	940.22			-.010	.90005	-.00889	-.01090	-.00201
		2973	2.375					
830.0	943.19			-.015	.89985	-.01318	-.01023	.00294
		2884	2.378					
832.0	946.08			0	.89985	-.00006	-.00894	-.00888
		2887	2.375					
834.0	948.96			.001	.89985	.00129	.00283	.00154
		2907	2.365					
836.0	951.87			.005	.89983	.00420	.00527	.00108
		2918	2.378					
838.0	954.79			.019	.89951	.01708	.01899	.00191
		3016	2.391					
840.0	957.80			.013	.89936	.01146	.00271	-.00875
		3104	2.383					
842.0	960.91			.005	.89934	.00487	.01132	.00644
		3126	2.391					
844.0	964.03			-.001	.89934	-.00047	-.00145	-.00098
		3117	2.396					
846.0	967.15			.013	.89919	.01158	.01743	.00585
		3189	2.403					
848.0	970.34			-.007	.89914	-.00618	-.00616	.00001
		3166	2.388					
850.0	973.51			.003	.89913	.00304	.01022	.00718
		3151	2.415					
852.0	976.66			-.043	.89749	-.03840	-.04650	-.00810
		2923	2.390					
854.0	979.58			-.008	.89744	-.00722	-.00732	-.00010
		2880	2.388					
856.0	982.46			.060	.89419	.05395	.04591	-.00804
		3211	2.415					
858.0	985.67			-.014	.89403	-.01219	-.01100	.00119

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (ON DDF) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
		3142	2.402					
860.0	988.81			-.017	.89376	-.01553	-.00202	.01351
		3057	2.385					
862.0	991.87			.002	.89375	.00200	-.00120	-.00320
		3065	2.389					
864.0	994.94			.002	.89375	.00140	-.00293	-.00433
		3068	2.394					
866.0	998.00			-.013	.89360	-.01143	-.00251	.00892
		2998	2.388					
868.0	1001.00			.003	.89359	.00299	.00342	.00044
		3024	2.383					
870.0	1004.03			.028	.89288	.02528	.01464	-.01063
		3137	2.431					
872.0	1007.16			-.019	.89255	-.01702	-.01213	.00490
		3059	2.400					
874.0	1010.22			.016	.89234	.01388	.00791	-.00597
		3143	2.410					
876.0	1013.36			.005	.89232	.00426	.01266	.00840
		3166	2.415					
878.0	1016.53			.033	.89136	.02927	.03531	.00604
		3461	2.359					
880.0	1019.99			-.048	.88931	-.04275	-.03125	.01151
		3073	2.414					
882.0	1023.06			.014	.88914	.01237	-.00628	-.01866
		3154	2.418					
884.0	1026.22			-.030	.88832	-.02699	-.02942	-.00243
		2993	2.398					
886.0	1029.21			.013	.88817	.01126	.01768	.00642
		3056	2.409					
888.0	1032.27			-.020	.88782	-.01763	-.01680	.00082
		2956	2.394					
890.0	1035.22			.014	.88766	.01199	.00013	-.01186
		3022	2.405					
892.0	1038.24			.020	.88730	.01801	.02044	.00242
		3137	2.413					
894.0	1041.38			.025	.88672	.02251	.03095	.00845
		3296	2.416					
896.0	1044.68			-.060	.88357	-.05290	-.05723	-.00433
		2946	2.399					
898.0	1047.62			.016	.88335	.01401	.00351	-.01050
		3027	2.410					
900.0	1050.65			.022	.88290	.01983	.01767	-.00217
		3179	2.400					
902.0	1053.83			.013	.88275	.01175	.01611	.00435
		3241	2.418					
904.0	1057.07			-.037	.88156	-.03232	-.03115	.00117
		3027	2.406					
906.0	1060.10			-.031	.88070	-.02754	-.02641	.00112
		2876	2.379					

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOE) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
908.0	1062.97			.028	.88001	.02462	.02449	-.00013
910.0	1065.99	3012	2.402	.042	.87848	.03677	.03281	-.00396
912.0	1069.23	3243	2.426	-.026	.87787	-.02316	-.01908	.00408
914.0	1072.32	3089	2.415	.005	.87785	.00435	.01764	.01329
916.0	1075.43	3115	2.419	.026	.87716	.02457	.02316	-.00141
918.0	1078.76	3343	2.384	-.013	.87701	-.01153	-.02493	-.01341
920.0	1082.00	3222	2.409	-.025	.87646	-.02186	-.01347	.00838
922.0	1085.08	3080	2.398	-.011	.87635	-.00985	-.01777	-.00792
924.0	1088.09	3011	2.399	-.012	.87623	-.01009	-.01257	-.00248
926.0	1091.03	2946	2.395	.008	.87617	.00731	.00923	.00192
928.0	1094.01	2977	2.411	.001	.87617	.00056	.00147	.00091
930.0	1097.00	2988	2.404	.008	.87612	.00709	-.00165	-.00875
932.0	1100.03	3035	2.406	-.002	.87611	-.00162	-.01290	-.01128
934.0	1103.05	3017	2.411	.005	.87609	.00428	.01262	.00834
936.0	1106.11	3055	2.405	.014	.87591	.01250	.00914	-.00336
938.0	1109.22	3117	2.425	-.025	.87536	-.02208	-.01653	.00555
940.0	1112.22	2997	2.398	-.015	.87516	-.01327	-.00061	.01265
942.0	1115.14	2916	2.391	-.011	.87504	-.00999	-.01592	-.00594
944.0	1118.00	2859	2.384	.004	.87503	.00343	.00668	.00325
946.0	1120.87	2872	2.392	.022	.87461	.01919	.00265	-.01654
948.0	1123.82	2956	2.428	.018	.87433	.01546	.04070	.02524
950.0	1126.87	3051	2.437	.011	.87424	.00931	-.01294	-.02225
952.0	1130.00	3122	2.433	.011	.87413	.00955	.01907	.00952
954.0	1133.18	3185	2.437	-.009	.87405	-.00822	-.00628	.00194
956.0	1136.30	3123	2.439	-.038	.87281	-.03301	-.03094	.00207

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
		2918	2.421					
958.0	1139.22			-.035	.87174	-.03057	-.03090	-.00033
		2785	2.365					
960.0	1142.01			.037	.87051	.03269	.02208	-.01061
		2952	2.405					
962.0	1144.96			.010	.87043	.00839	.00197	-.00641
		2999	2.414					
964.0	1147.96			-.007	.87038	-.00643	-.01042	-.00398
		2958	2.411					
966.0	1150.92			.014	.87021	.01215	.03583	.02368
		3034	2.417					
968.0	1153.95			-.053	.86774	-.04641	-.05905	-.01264
		2793	2.360					
970.0	1156.74			-.059	.86473	-.05109	-.05573	-.00464
		2580	2.271					
972.0	1159.32			.053	.86226	.04621	.03805	-.00816
		2759	2.363					
974.0	1162.08			.063	.85886	.05415	.05634	.00219
		3042	2.430					
976.0	1165.12			-.008	.85881	-.00651	-.00746	-.00095
		3001	2.426					
978.0	1168.13			-.008	.85875	-.00702	.00361	.01064
		2951	2.428					
980.0	1171.08			.009	.85869	.00737	.01363	.00626
		2995	2.433					
982.0	1174.07			.016	.85846	.01411	.01892	.00481
		3078	2.446					
984.0	1177.15			0	.85846	-.00010	.00616	.00626
		3092	2.435					
986.0	1180.24			-.018	.85819	-.01521	-.02952	-.01431
		2985	2.434					
988.0	1183.23			-.062	.85493	-.05288	-.05952	-.00664
		2707	2.373					
990.0	1185.93			-.011	.85483	-.00916	-.01695	-.00779
		2653	2.370					
992.0	1188.59			.007	.85478	.00632	.02784	.02152
		2683	2.378					
994.0	1191.27			.003	.85477	.00298	-.01462	-.01760
		2689	2.389					
996.0	1193.96			.016	.85456	.01344	.01218	-.00126
		2755	2.407					
998.0	1196.71			.052	.85223	.04463	.03345	-.01118
		3014	2.443					
1000.0	1199.73			-.065	.84865	-.05526	-.03216	.02310
		2716	2.380					
1002.0	1202.44			.005	.84862	.00458	-.00187	-.00645
		2725	2.398					
1004.0	1205.17			.004	.84861	.00306	.00457	.00151
		2739	2.403					

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
1006.0	1207.91			.005	.84859	.00406	-.00798	-.01204
		2762	2.406					
1008.0	1210.67			.072	.84425	.06072	.06785	.00714
		3112	2.465					
1010.0	1213.78			.001	.84425	.00112	.00661	.00550
		3095	2.464					
1012.0	1216.88			-.023	.84382	-.01906	-.01070	.00836
		2991	2.457					
1014.0	1219.87			-.034	.84286	-.02845	-.01914	.00931
		2822	2.435					
1016.0	1222.69			.036	.84174	.03072	.01125	-.01948
		2999	2.465					
1018.0	1225.69			-.003	.84173	-.00272	-.00197	.00075
		2997	2.451					
1020.0	1228.69			-.038	.84051	-.03205	-.02733	.00472
		2797	2.433					
1022.0	1231.48			.044	.83886	.03727	.04727	.01000
		3019	2.463					
1024.0	1234.50			-.012	.83874	-.00994	-.01163	-.00169
		2972	2.443					
1026.0	1237.48			-.030	.83801	-.02481	-.02774	-.00293
		2815	2.432					
1028.0	1240.29			.019	.83772	.01551	.01622	.00071
		2909	2.442					
1030.0	1243.20			.024	.83724	.02003	.01540	-.00464
		3046	2.447					
1032.0	1246.25			-.041	.83580	-.03466	-.03579	-.00113
		2822	2.431					
1034.0	1249.07			.016	.83558	.01375	.02157	.00782
		2898	2.446					
1036.0	1251.97			.031	.83476	.02609	.02027	-.00582
		3082	2.448					
1038.0	1255.05			-.059	.83189	-.04897	-.04747	.00150
		2806	2.391					
1040.0	1257.85			.018	.83161	.01535	.00828	-.00707
		2932	2.374					
1042.0	1260.79			-.006	.83157	-.00518	-.00768	-.00249
		2875	2.392					
1044.0	1263.66			-.020	.83125	-.01655	-.02442	-.00786
		2820	2.343					
1046.0	1266.48			.051	.82908	.04241	.04426	.00185
		3021	2.422					
1048.0	1269.50			.019	.82879	.01560	.01447	-.00113
		3123	2.433					
1050.0	1272.62			-.020	.82845	-.01666	-.00097	.01569
		2992	2.439					
1052.0	1275.62			.033	.82757	.02700	.03412	.00712
		3162	2.464					
1054.0	1278.78			-.031	.82679	-.02547	-.03438	-.00890

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
		3016	2.429					
1056.0	1281.79			.002	.82679	.00146	.00709	.00563
		3035	2.422					
1058.0	1284.83			0	.82679	.00008	-.00394	-.00402
		3022	2.433					
1060.0	1287.85			.007	.82674	.00608	.00322	-.00285
		3058	2.440					
1062.0	1290.91			-.032	.82588	-.02664	-.02438	.00226
		2909	2.405					
1064.0	1293.82			-.031	.82507	-.02591	-.02084	.00507
		2772	2.370					
1066.0	1296.59			.045	.82343	.03676	.02020	-.01655
		2960	2.427					
1068.0	1299.55			.047	.82164	.03840	.02975	-.00864
		3221	2.448					
1070.0	1302.77			.021	.82129	.01697	.04633	.02936
		3306	2.485					
1072.0	1306.08			-.047	.81945	-.03891	-.05281	-.01390
		3062	2.441					
1074.0	1309.14			.010	.81937	.00794	.01696	.00903
		3115	2.446					
1076.0	1312.26			-.003	.81936	-.00281	.00707	.00988
		3110	2.434					
1078.0	1315.37			.028	.81873	.02280	.00434	-.01846
		3261	2.454					
1080.0	1318.63			-.022	.81833	-.01801	-.03566	-.01765
		3114	2.459					
1082.0	1321.74			.018	.81808	.01445	.02242	.00797
		3222	2.462					
1084.0	1324.96			-.030	.81735	-.02444	-.00401	.02042
		3063	2.440					
1086.0	1328.03			.017	.81712	.01355	.01917	.00562
		3181	2.428					
1088.0	1331.21			-.053	.81483	-.04323	-.05058	-.00735
		2889	2.405					
1090.0	1334.10			.060	.81194	.04854	.05056	.00202
		3188	2.456					
1092.0	1337.28			-.032	.81109	-.02635	-.03150	-.00515
		3024	2.426					
1094.0	1340.31			-.008	.81103	-.00655	-.01549	-.00894
		2977	2.425					
1096.0	1343.28			.045	.80936	.03663	.03516	-.00148
		3238	2.441					
1098.0	1346.52			-.026	.80885	-.02081	.00270	.02351
		3093	2.427					
1100.0	1349.62			-.046	.80710	-.03758	-.04406	-.00648
		2864	2.388					
1102.0	1352.48			.015	.80692	.01204	-.00228	-.01432
		2915	2.417					

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
1104.0	1355.40			-.045	.80528	-.03638	-.03605	.00033
		2744	2.346					
1106.0	1358.14			-.001	.80528	-.00070	-.00089	-.00019
		2739	2.346					
1108.0	1360.88			.027	.80470	.02152	.01412	-.00740
		2856	2.374					
1110.0	1363.73			-.017	.80448	-.01353	-.02218	-.00865
		2771	2.366					
1112.0	1366.51			-.031	.80372	-.02473	-.00853	.01620
		2724	2.263					
1114.0	1369.23			.013	.80357	.01072	-.01100	-.02172
		2705	2.341					
1116.0	1371.93			.012	.80345	.00978	.01896	.00918
		2786	2.329					
1118.0	1374.72			-.065	.80004	-.05238	-.02667	.02570
		2516	2.263					
1120.0	1377.24			.050	.79606	.03982	.03778	-.00203
		2726	2.307					
1122.0	1379.96			.061	.79510	.04857	.01809	-.03048
		2949	2.409					
1124.0	1382.91			-.075	.79058	-.05999	-.05302	.00697
		2656	2.300					
1126.0	1385.57			.019	.79028	.01527	.02792	.01265
		2737	2.320					
1128.0	1388.30			-.041	.78893	-.03263	-.04388	-.01125
		2579	2.266					
1130.0	1390.88			.036	.78790	.02862	.03206	.00344
		2732	2.301					
1132.0	1393.62			-.030	.78720	-.02337	-.01779	.00558
		2614	2.266					
1134.0	1396.23			-.025	.78673	-.01934	-.03589	-.01655
		2491	2.264					
1136.0	1398.72			.018	.78648	.01393	.03029	.01636
		2575	2.269					
1138.0	1401.30			.029	.78582	.02279	.01711	-.00567
		2659	2.329					
1140.0	1403.95			.010	.78574	.00799	-.01054	-.01854
		2727	2.317					
1142.0	1406.68			-.002	.78574	-.00140	-.00268	-.00128
		2729	2.307					
1144.0	1409.41			-.014	.78559	-.01062	.01297	.02360
		2703	2.267					
1146.0	1412.11			-.011	.78550	-.00863	-.02236	-.01373
		2650	2.262					
1148.0	1414.76			.019	.78523	.01462	.03780	.02319
		2712	2.294					
1150.0	1417.48			-.001	.78523	-.00045	-.01252	-.01207
		2721	2.284					
1152.0	1420.20			.015	.78504	.01208	.00742	-.00466

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
		2757	2.324					
1154.0	1422.95			-.029	.78437	-.02292	-.02208	.00084
		2661	2.272					
1156.0	1425.61			.059	.78164	.04629	.03772	-.00858
		2881	2.362					
1158.0	1428.50			-.039	.78047	-.03027	-.01817	.01211
		2734	2.303					
1160.0	1431.23			.036	.77945	.02813	.02904	.00091
		2858	2.368					
1162.0	1434.09			-.029	.77878	-.02290	-.01030	.01260
		2741	2.328					
1164.0	1436.83			.028	.77815	.02219	.01065	-.01154
		2850	2.371					
1166.0	1439.68			.015	.77797	.01167	.02096	.00929
		2674	2.422					
1168.0	1442.55			-.034	.77706	-.02661	-.03744	-.01083
		2758	2.357					
1170.0	1445.31			.004	.77705	.00300	.00432	.00132
		2790	2.348					
1172.0	1448.10			.028	.77644	.02176	.03338	.01162
		2890	2.398					
1174.0	1450.99			-.039	.77526	-.03030	-.04847	-.01817
		2766	2.317					
1176.0	1453.76			.033	.77442	.02544	.02587	.00043
		2871	2.384					
1178.0	1456.63			-.037	.77339	-.02828	-.01783	.01045
		2743	2.319					
1180.0	1459.37			-.026	.77286	-.02023	-.03518	-.01495
		2643	2.284					
1182.0	1462.01			.040	.77160	.03127	.03230	.00104
		2793	2.343					
1184.0	1464.80			-.027	.77102	-.02103	-.02572	-.00469
		2654	2.336					
1186.0	1467.46			.033	.77018	.02555	.03142	.00586
		2817	2.351					
1188.0	1470.28			-.023	.76977	-.01760	-.01307	.00453
		2715	2.330					
1190.0	1472.99			.018	.76951	.01422	.02587	.01165
		2765	2.375					
1192.0	1475.76			.012	.76939	.00948	.01269	.00321
		2847	2.364					
1194.0	1478.60			-.066	.76602	-.05096	-.07929	-.02833
		2624	2.246					
1196.0	1481.23			.067	.76254	.05160	.06656	.01495
		2834	2.380					
1198.0	1484.06			.020	.76223	.01546	.01183	-.00363
		2907	2.416					
1200.0	1486.97			-.017	.76202	-.01267	-.00747	.00520
		2854	2.380					

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
1202.0	1489.82			-.023	.76163	-.01729	-.01584	.00145
		2770	2.344					
1204.0	1492.59			-.024	.76119	-.01829	-.01892	-.00062
		2661	2.326					
1206.0	1495.25			.035	.76023	.02694	.02248	-.00445
		2800	2.372					
1208.0	1498.05			.044	.75878	.03325	.02131	-.01194
		3000	2.416					
1210.0	1501.05			-.021	.75845	-.01589	.00971	.02560
		2912	2.387					
1212.0	1503.97			.028	.75786	.02101	.01338	-.00763
		3043	2.415					
1214.0	1507.01			-.067	.75450	-.05047	-.04059	.00989
		2753	2.336					
1216.0	1509.76			.009	.75444	.00708	-.02468	-.03177
		2774	2.362					
1218.0	1512.53			-.026	.75391	-.01994	-.00071	.01922
		2692	2.309					
1220.0	1515.23			.043	.75254	.03217	.02352	-.00865
		2853	2.373					
1222.0	1518.08			-.058	.75000	-.04370	-.01376	.02993
		2658	2.267					
1224.0	1520.74			.025	.74951	.01909	.00068	-.01841
		2726	2.326					
1226.0	1523.46			.002	.74951	.00119	-.00062	-.00180
		2734	2.326					
1228.0	1526.20			-.029	.74887	-.02186	-.03156	-.00970
		2646	2.268					
1230.0	1528.84			.019	.74859	.01449	.01932	.00483
		2703	2.307					
1232.0	1531.55			-.021	.74825	-.01608	-.01609	-.00001
		2668	2.239					
1234.0	1534.22			.023	.74786	.01703	.04533	.02830
		2718	2.301					
1236.0	1536.93			-.022	.74751	-.01633	-.05107	-.03474
		2641	2.267					
1238.0	1539.57			.046	.74595	.03405	.03407	.00001
		2794	2.347					
1240.0	1542.37			-.013	.74583	-.00971	-.00554	.00417
		2738	2.334					
1242.0	1545.11			-.004	.74582	-.00281	.00998	.01279
		2719	2.333					
1244.0	1547.82			.040	.74465	.02955	.02759	-.00197
		2896	2.371					
1246.0	1550.72			.027	.74411	.01991	-.00018	-.02009
		3036	2.385					
1248.0	1553.76			.005	.74410	.00363	.02484	.02122
		3062	2.388					
1250.0	1556.82			.019	.74382	.01425	.03674	.02249

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
		3154	2.409					
1252.0	1559.97			-.018	.74358	-.01333	-.01255	.00078
		3073	2.386					
1254.0	1563.05			.028	.74299	.02097	-.00217	-.02314
		3202	2.422					
1256.0	1566.25			-.021	.74267	-.01553	-.01475	.00078
		3088	2.409					
1258.0	1569.34			-.006	.74264	-.00469	.00333	.00802
		3057	2.403					
1260.0	1572.39			-.018	.74241	-.01310	-.02091	-.00781
		3006	2.359					
1262.0	1575.40			-.003	.74240	-.00251	.02413	.02665
		2964	2.376					
1264.0	1578.36			.011	.74230	.00833	-.01172	-.02005
		3004	2.398					
1266.0	1581.37			-.026	.74182	-.01900	-.01420	.00480
		2900	2.360					
1268.0	1584.27			.016	.74162	.01217	.00749	-.00468
		2951	2.396					
1270.0	1587.22			.002	.74162	.00116	.00646	.00530
		2973	2.386					
1272.0	1590.19			-.008	.74156	-.00625	-.02543	-.01918
		2942	2.371					
1274.0	1593.13			.002	.74156	.00134	.00460	.00326
		2942	2.379					
1276.0	1596.08			-.002	.74156	-.00175	.00851	.01026
		2918	2.388					
1278.0	1598.99			.010	.74148	.00739	.00039	-.00699
		2983	2.383					
1280.0	1601.98			.010	.74141	.00760	.00876	.00116
		3017	2.405					
1282.0	1604.99			-.005	.74139	-.00336	.00287	.00622
		3002	2.394					
1284.0	1608.00			.002	.74139	.00164	.01473	.01309
		3008	2.401					
1286.0	1611.00			0	.74139	.00016	-.02183	-.02199
		3007	2.403					
1288.0	1614.01			-.005	.74137	-.00364	.00950	.01314
		2978	2.402					
1290.0	1616.99			.012	.74127	.00868	-.01532	-.02400
		3037	2.411					
1292.0	1620.03			-.001	.74127	-.00076	.02359	.02434
		3062	2.387					
1294.0	1623.09			-.004	.74126	-.00270	.01731	.02001
		3014	2.407					
1296.0	1626.10			-.029	.74065	-.02113	-.00740	.01374
		2885	2.376					
1298.0	1628.99			-.009	.74060	-.00636	-.03551	-.02915
		2852	2.362					

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR DOF) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
1300.0	1631.84			.004	.74059	.00262	-.01178	-.01440
		2887	2.350					
1302.0	1634.72			.004	.74058	.00317	.00562	.00245
		2875	2.380					
1304.0	1637.60			-.006	.74055	-.00476	-.02031	-.01555
		2853	2.367					
1306.0	1640.45			-.001	.74055	-.00094	-.00022	.00072
		2859	2.357					
1308.0	1643.31			.023	.74014	.01724	.04091	.02367
		2950	2.393					
1310.0	1646.26			-.003	.74014	-.00213	-.03098	-.02885
		2956	2.375					
1312.0	1649.22			.013	.74002	.00953	.03526	.02574
		3021	2.384					
1314.0	1652.24			-.026	.73951	-.01943	-.01640	.00302
		2876	2.376					
1316.0	1655.11			-.028	.73894	-.02048	-.04134	-.02085
		2806	2.304					
1318.0	1657.92			.009	.73888	.00639	.01401	.00762
		2817	2.335					
1320.0	1660.74			.003	.73888	.00237	.00402	.00166
		2837	2.334					
1322.0	1663.57			-.018	.73864	-.01320	-.01205	.00115
		2798	2.283					
1324.0	1666.37			.003	.73863	.00220	.01906	.01686
		2776	2.315					
1326.0	1669.15			.003	.73863	.00199	.02147	.01948
		2812	2.297					
1328.0	1671.96			.008	.73858	.00568	-.01086	-.01653
		2826	2.321					
1330.0	1674.79			.012	.73848	.00858	-.02519	-.03377
		2845	2.360					
1332.0	1677.63			-.032	.73773	-.02355	-.00785	.01570
		2770	2.274					
1334.0	1680.40			.020	.73744	.01480	.00579	-.00900
		2819	2.326					
1336.0	1683.22			-.029	.73682	-.02140	-.02456	-.00316
		2753	2.248					
1338.0	1685.97			.024	.73640	.01753	.03761	.02008
		2795	2.322					
1340.0	1688.77			-.032	.73565	-.02350	-.03717	-.01367
		2669	2.281					
1342.0	1691.44			-.019	.73539	-.01378	-.01234	.00144
		2617	2.241					
1344.0	1694.05			.046	.73385	.03365	.03173	-.00192
		2796	2.299					
1346.0	1696.65			-.009	.73379	-.00693	-.02286	-.01593
		2759	2.286					
1348.0	1699.61			-.015	.73361	-.01131	.00407	.01538

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
		2673	2.287					
1350.0	1702.28			.043	.73225	.03162	.03937	.00775
		2825	2.360					
1352.0	1705.11			-.027	.73173	-.01941	-.04094	-.02153
		2766	2.285					
1354.0	1707.87			.007	.73170	.00487	.00452	-.00035
		2787	2.298					
1356.0	1710.66			-.041	.73050	-.02966	-.00932	.02035
		2626	2.250					
1358.0	1713.29			.018	.73025	.01342	.02870	.01528
		2753	2.226					
1360.0	1716.04			-.011	.73017	-.00771	-.03291	-.02520
		2653	2.261					
1362.0	1718.69			-.018	.72993	-.01336	-.00250	.01086
		2582	2.240					
1364.0	1721.27			.002	.72992	.00113	-.03111	-.03224
		2600	2.232					
1366.0	1723.87			0	.72992	-.00027	.02107	.02134
		2576	2.251					
1368.0	1726.45			.003	.72992	.00231	.01564	.01332
		2564	2.276					
1370.0	1729.01			.019	.72965	.01407	.00963	-.00444
		2666	2.274					
1372.0	1731.68			.013	.72953	.00918	-.02687	-.03605
		2698	2.305					
1374.0	1734.38			-.030	.72886	-.02218	-.02021	.00197
		2598	2.252					
1376.0	1736.98			.002	.72885	.00138	.01388	.01249
		2588	2.269					
1378.0	1739.56			.003	.72885	.00202	.00482	.00279
		2585	2.285					
1380.0	1742.15			.053	.72679	.03876	.04768	.00892
		2827	2.324					
1382.0	1744.98			.048	.72513	.03466	.03542	.00076
		3010	2.402					
1384.0	1747.99			.003	.72513	.00207	-.00577	-.00785
		3040	2.391					
1386.0	1751.03			-.027	.72458	-.01990	-.01117	.00873
		2895	2.377					
1388.0	1753.92			-.010	.72451	-.00711	-.01271	-.00560
		2852	2.366					
1390.0	1756.77			-.018	.72428	-.01296	-.01940	-.00645
		2768	2.352					
1392.0	1759.54			.012	.72417	.00904	.03079	.02175
		2817	2.370					
1394.0	1762.36			-.046	.72265	-.03319	-.04416	-.01097
		2691	2.263					
1396.0	1765.05			.036	.72169	.02622	-.00354	-.02977
		2823	2.320					

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
1398.0	1767.87			-.022	.72134	-.01594	.00664	.02258
		2730	2.295					
1400.0	1770.60			.002	.72134	.00174	.01439	.01264
		2805	2.244					
1402.0	1773.41			.002	.72134	.00117	.00065	-.00052
		2802	2.254					
1404.0	1776.21			-.053	.71933	-.03802	-.05692	-.01890
		2541	2.237					
1406.0	1778.75			.003	.71932	.00233	-.02110	-.02343
		2602	2.198					
1408.0	1781.35			-.014	.71918	-.01032	-.01316	-.00284
		2514	2.211					
1410.0	1783.87			.014	.71904	.01004	.05056	.04053
		2551	2.240					
1412.0	1786.42			.046	.71754	.03277	.01905	-.01372
		2735	2.269					
1414.0	1789.15			-.008	.71749	-.00585	-.00043	.00543
		2768	2.226					
1416.0	1791.92			.006	.71747	.00429	.00308	-.00121
		2786	2.238					
1418.0	1794.71			-.033	.71669	-.02364	-.00214	.02151
		2627	2.222					
1420.0	1797.34			.063	.71388	.04489	.01311	-.03178
		2924	2.263					
1422.0	1800.26			-.080	.70932	-.05705	-.04499	.01206
		2638	2.137					
1424.0	1802.90			-.006	.70930	-.00401	-.01791	-.01390
		2575	2.165					
1426.0	1805.47			.036	.70838	.02553	.03071	.00518
		2760	2.170					
1428.0	1808.23			-.003	.70837	-.00241	.01470	.01711
		2691	2.211					
1430.0	1810.92			.055	.70626	.03866	.04918	.01052
		2874	2.310					
1432.0	1813.80			.018	.70604	.01259	.01965	.00706
		2954	2.328					
1434.0	1816.75			-.046	.70456	-.03227	-.04454	-.01226
		2717	2.311					
1436.0	1819.47			.045	.70313	.03173	.05306	.02133
		2924	2.349					
1438.0	1822.39			.042	.70189	.02950	.03976	.01026
		3167	2.359					
1440.0	1825.56			-.073	.69814	-.05135	-.05532	-.00397
		2800	2.305					
1442.0	1828.36			.088	.69269	.06167	.07084	.00917
		3152	2.444					
1444.0	1831.51			.037	.69172	.02594	.00452	-.02143
		3259	2.547					
1446.0	1834.77			-.007	.69168	-.00512	-.01525	-.01013

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) F	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
		3289	2.487					
1448.0	1838.06			-.001	.69168	-.00079	.03614	.03693
		3436	2.375					
1450.0	1841.50			.006	.69165	.00427	-.00883	-.01310
		3476	2.377					
1452.0	1844.97			-.031	.69100	-.02131	-.01782	.00349
		3328	2.334					
1454.0	1848.30			.021	.69070	.01426	.01569	.00143
		3404	2.378					
1456.0	1851.70			-.011	.69062	-.00749	-.00304	.00445
		3299	2.402					
1458.0	1855.00			-.028	.69006	-.01964	-.02771	-.00807
		3242	2.309					
1460.0	1858.24			.026	.68959	.01806	.02493	.00687
		3289	2.398					
1462.0	1861.53			-.012	.68948	-.00854	-.00611	.00242
		3319	2.318					
1464.0	1864.85			-.004	.68947	-.00252	-.01512	-.01260
		3247	2.353					
1466.0	1868.10			.014	.68933	.00987	.04708	.03721
		3247	2.421					
1468.0	1871.35			-.004	.68932	-.00305	-.06512	-.06207
		3294	2.365					
1470.0	1874.64			-.022	.68899	-.01497	.02648	.04144
		3231	2.308					
1472.0	1877.87			-.055	.68693	-.03769	-.03004	.00765
		2915	2.294					
1474.0	1880.79			.031	.68626	.02151	.00996	-.01155
		3114	2.286					
1476.0	1883.90			-.028	.68571	-.01938	-.03273	-.01336
		3070	2.191					
1478.0	1886.97			.044	.68440	.02996	.02511	-.00485
		3252	2.257					
1480.0	1890.22			-.008	.68436	-.00571	-.03795	-.03224
		3157	2.287					
1482.0	1893.38			-.028	.68383	-.01896	-.01373	.00523
		3098	2.205					
1484.0	1896.48			.010	.68376	.00674	.05435	.04762
		2980	2.338					
1486.0	1899.46			.011	.68368	.00774	-.03127	-.03901
		3099	2.300					
1488.0	1902.56			.004	.68366	.00293	.01073	.00780
		3136	2.292					
1490.0	1905.69			.016	.68349	.01093	-.00299	-.01392
		3204	2.316					
1492.0	1908.90			-.008	.68344	-.00565	.02101	.02666
		3253	2.244					
1494.0	1912.15			.017	.68325	.01152	-.01170	-.02322
		3290	2.295					

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
1496.0	1915.44			-.014	.68312	-.00929	.02315	.03244
		3255	2.258					
1498.0	1918.69			.032	.68244	.02153	.00421	-.01732
		3305	2.368					
1500.0	1922.00			-.009	.68238	-.00632	-.02350	-.01718
		3315	2.317					
1502.0	1925.31			-.017	.68219	-.01158	.01219	.02378
		3373	2.202					
1504.0	1928.69			.026	.68171	.01804	.02998	.01193
		3471	2.255					
1506.0	1932.16			-.025	.68127	-.01735	-.01383	.00351
		3338	2.229					
1508.0	1935.50			.014	.68113	.00976	.01806	.00830
		3389	2.259					
1510.0	1938.88			.006	.68110	.00422	-.02367	-.02789
		3407	2.275					
1512.0	1942.29			-.044	.67978	-.03000	-.00998	.02002
		3257	2.179					
1514.0	1945.55			-.002	.67978	-.00149	-.01713	-.01563
		3225	2.191					
1516.0	1948.77			.020	.67950	.01380	.00966	-.00415
		3301	2.230					
1518.0	1952.07			.040	.67843	.02695	.03828	.01133
		3436	2.319					
1520.0	1955.51			.020	.67817	.01333	.02730	.01397
		3488	2.376					
1522.0	1959.00			.017	.67797	.01145	.03116	.01971
		3554	2.412					
1524.0	1962.55			-.087	.67284	-.05902	-.09854	-.03953
		3252	2.214					
1526.0	1965.80			.023	.67249	.01519	.02313	.00794
		3340	2.255					
1528.0	1969.14			-.015	.67234	-.01006	-.00591	.00416
		3275	2.232					
1530.0	1972.42			.018	.67212	.01225	-.02075	-.03300
		3364	2.253					
1532.0	1975.78			.006	.67210	.00378	.06631	.06253
		3405	2.252					
1534.0	1979.19			-.034	.67132	-.02294	-.06311	-.04018
		3265	2.193					
1536.0	1982.45			.024	.67094	.01599	.02532	.00933
		3364	2.233					
1538.0	1985.82			.034	.67017	.02267	.02113	-.00154
		3465	2.319					
1540.0	1989.28			-.027	.66969	-.01794	-.00745	.01050
		3322	2.293					
1542.0	1992.60			-.005	.66968	-.00307	-.02515	-.02209
		3364	2.243					
1544.0	1995.97			.004	.66966	.00292	-.00947	-.01239

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
		3328	2.287					
1546.0	1999.30			.043	.66842	.02879	.04998	.02119
		3497	2.372					
1548.0	2002.79			-.039	.66740	-.02620	-.01741	.00880
		3359	2.284					
1550.0	2006.15			-.016	.66723	-.01065	-.03148	-.02084
		3304	2.249					
1552.0	2009.46			-.027	.66674	-.01801	.00333	.02134
		3158	2.229					
1554.0	2012.61			.075	.66295	.05030	.01502	-.03528
		3457	2.369					
1556.0	2016.07			-.057	.66078	-.03791	.00006	.03796
		3256	2.243					
1558.0	2019.33			-.037	.65989	-.02428	-.03780	-.01353
		3123	2.173					
1560.0	2022.45			.053	.65801	.03516	.02074	-.01443
		3356	2.249					
1562.0	2025.81			-.001	.65801	-.00056	.00060	.00116
		3367	2.238					
1564.0	2029.17			-.008	.65798	-.00507	-.00242	.00265
		3269	2.270					
1566.0	2032.44			-.015	.65783	-.00967	.01299	.02267
		3248	2.218					
1568.0	2035.69			-.024	.65745	-.01596	-.04065	-.02469
		3122	2.199					
1570.0	2038.81			.010	.65739	.00631	.01272	.00642
		3209	2.181					
1572.0	2042.02			.010	.65732	.00646	-.00380	-.01026
		3198	2.232					
1574.0	2045.22			.052	.65553	.03436	.04046	.00610
		3400	2.330					
1576.0	2048.62			-.056	.65344	-.03702	-.05873	-.02171
		3239	2.185					
1578.0	2051.86			0	.65344	-.00018	.00995	.01013
		3211	2.203					
1580.0	2055.07			.003	.65343	.00165	-.01009	-.01174
		3206	2.217					
1582.0	2058.27			.018	.65323	.01159	.01837	.00677
		3348	2.200					
1584.0	2061.62			.010	.65316	.00657	-.00017	-.00674
		3402	2.209					
1586.0	2065.02			.006	.65313	.00409	.01682	.01273
		3407	2.233					
1588.0	2068.43			-.026	.65269	-.01709	-.01834	-.00125
		3286	2.197					
1590.0	2071.72			-.007	.65265	-.00458	-.00124	.00334
		3261	2.184					
1592.0	2074.98			.021	.65236	.01389	.02165	.00776
		3337	2.226					

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
1594.0	2078.31			-.001	.65236	-.00036	.00547	.00583
		3340	2.222					
1596.0	2081.65			.019	.65213	.01227	.00419	-.00807
		3412	2.258					
1598.0	2085.07			.047	.65066	.03092	.04084	.00991
		3694	2.294					
1600.0	2088.76			-.005	.65064	-.00344	.01277	.01620
		3598	2.330					
1602.0	2092.36			-.051	.64895	-.03320	-.02516	.00804
		3317	2.263					
1604.0	2095.68			.061	.64652	.03973	-.00351	-.04323
		3481	2.458					
1606.0	2099.16			-.022	.64621	-.01418	.01142	.02560
		3455	2.371					
1608.0	2102.61			-.031	.64560	-.01984	-.02182	-.00197
		3381	2.278					
1610.0	2105.99			.011	.64552	.00707	.01092	.00384
		3520	2.237					
1612.0	2109.51			-.017	.64533	-.01102	-.02296	-.01195
		3333	2.283					
1614.0	2112.84			-.017	.64516	-.01068	.00281	.01349
		3281	2.243					
1616.0	2116.13			.046	.64381	.02942	-.01150	-.04092
		3415	2.362					
1618.0	2119.54			-.024	.64344	-.01552	.00096	.01649
		3316	2.317					
1620.0	2122.86			.048	.64199	.03057	.02045	-.01012
		3456	2.445					
1622.0	2126.31			.004	.64197	.00287	.01154	.00867
		3570	2.389					
1624.0	2129.88			-.009	.64192	-.00596	.00056	.00653
		3427	2.442					
1626.0	2133.31			-.066	.63913	-.04234	-.03435	.00798
		3232	2.269					
1628.0	2136.54			.050	.63753	.03197	.02041	-.01156
		3447	2.352					
1630.0	2139.99			-.006	.63751	-.00362	-.01164	-.00802
		3323	2.412					
1632.0	2143.31			-.006	.63749	-.00359	.01578	.01937
		3322	2.386					
1634.0	2146.63			-.021	.63721	-.01324	.00700	.02024
		3321	2.289					
1636.0	2149.96			-.042	.63608	-.02680	-.06073	-.03393
		3169	2.205					
1638.0	2153.13			.074	.63259	.04711	.03638	-.01073
		3456	2.346					
1640.0	2156.58			-.026	.63216	-.01651	-.00045	.01606
		3425	2.247					
1642.0	2160.01			.003	.63216	.00182	-.01141	-.01323

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
		3433	2.254					
1644.0	2163.44			.001	.63216	.00072	.01098	.01027
		3444	2.252					
1646.0	2166.88			.019	.63193	.01199	-.00231	-.01430
		3519	2.269					
1648.0	2170.40			-.007	.63190	-.00453	.01901	.02354
		3497	2.271					
1650.0	2173.90			-.013	.63180	-.00806	-.01192	-.00385
		3433	2.255					
1652.0	2177.33			.065	.62910	.04129	.03791	-.00338
		3691	2.391					
1654.0	2181.02			-.003	.62909	-.00162	-.00003	.00159
		3687	2.381					
1656.0	2184.71			-.033	.62841	-.02067	-.01549	.00518
		3536	2.325					
1658.0	2188.25			.017	.62823	.01087	.01218	.00131
		3627	2.347					
1660.0	2191.87			-.011	.62815	-.00708	.00299	.01007
		3494	2.381					
1662.0	2195.37			-.031	.62755	-.01927	-.01918	.00009
		3494	2.239					
1664.0	2198.86			-.002	.62755	-.00126	-.00732	-.00606
		3456	2.255					
1666.0	2202.32			-.007	.62752	-.00453	.00297	.00750
		3344	2.297					
1668.0	2205.66			.019	.62729	.01190	.00227	-.00964
		3436	2.322					
1670.0	2209.10			-.023	.62696	-.01447	-.00696	.00751
		3352	2.273					
1672.0	2212.45			.008	.62692	.00510	.00500	-.00010
		3386	2.287					
1674.0	2215.64			-.002	.62691	-.00157	-.00687	-.00530
		3315	2.325					
1676.0	2219.15			.024	.62656	.01489	.01111	-.00378
		3415	2.366					
1678.0	2222.57			.017	.62638	.01062	-.00152	-.01214
		3398	2.460					
1680.0	2225.96			.045	.62513	.02800	.04612	.01813
		3628	2.520					
1682.0	2229.59			-.062	.62269	-.03902	-.03604	.00298
		3382	2.386					
1684.0	2232.97			.026	.62226	.01641	.02279	.00638
		3555	2.392					
1686.0	2236.53			-.043	.62113	-.02656	-.04880	-.02224
		3430	2.276					
1688.0	2239.96			-.028	.62066	-.01712	-.02274	-.00562
		3369	2.193					
1690.0	2243.33			-.064	.61808	-.03998	-.04667	-.00669
		3086	2.105					

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
1692.0	2246.42			.120	.60912	.07442	.06153	-.01289
		3471	2.383					
1694.0	2249.89			-.046	.60785	-.02784	-.02049	.00735
		3331	2.267					
1696.0	2253.22			-.238	.57335	-.14480	-.09345	.05135
		2538	1.830					
1698.0	2255.76			.257	.53544	.14744	.07181	-.07562
		3519	2.234					
1700.0	2259.27			.043	.53443	.02327	.06259	.03932
		3581	2.395					
1702.0	2262.86			-.017	.53427	-.00914	.05319	.06232
		3549	2.335					
1704.0	2266.40			.026	.53391	.01387	-.00996	-.02383
		3727	2.342					
1706.0	2270.13			-.025	.53357	-.01352	-.02227	-.00875
		3560	2.331					
1708.0	2273.69			.035	.53293	.01854	.03300	.01446
		3656	2.433					
1710.0	2277.35			-.116	.52575	-.06183	-.03346	.02837
		3171	2.222					
1712.0	2280.52			.105	.51993	.05535	.00180	-.05355
		3573	2.436					
1714.0	2284.09			-.070	.51739	-.03630	-.03660	-.00030
		3169	2.388					
1716.0	2287.26			-.164	.50349	-.08480	-.08087	.00394
		2854	1.905					
1718.0	2290.11			.209	.48151	.10521	.04799	-.05722
		3551	2.339					
1720.0	2293.67			-.013	.48142	-.00640	.05199	.05839
		3460	2.325					
1722.0	2297.15			.014	.48132	.00697	.03226	.02529
		3573	2.331					
1724.0	2300.72			-.014	.48123	-.00670	-.02315	-.01646
		3535	2.291					
1726.0	2304.25			-.071	.47881	-.03414	-.03895	-.00481
		3104	2.263					
1728.0	2307.36			.025	.47850	.01214	-.00463	-.01677
		3270	2.260					
1730.0	2310.63			-.079	.47551	-.03782	-.01361	.02421
		3043	2.073					
1732.0	2313.67			.138	.46651	.06541	.05257	-.01284
		3490	2.384					
1734.0	2317.16			.031	.46606	.01447	.03230	.01783
		3603	2.457					
1736.0	2320.76			-.075	.46341	-.03515	-.03785	-.00271
		3381	2.252					
1738.0	2324.14			.112	.45761	.05186	.01710	-.03476
		3796	2.510					
1740.0	2327.94			-.215	.43648	-.09834	-.04891	.04943

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
		2906	2.120					
1742.0	2330.85			.007	.43645	.00321	-.03717	-.04038
		2982	2.096					
1744.0	2333.83			.175	.42315	.07619	.04808	-.02811
		3656	2.433					
1746.0	2337.48			.027	.42284	.01140	.06354	.05214
		3759	2.497					
1748.0	2341.24			-.129	.41585	-.05437	-.04846	.00592
		3228	2.245					
1750.0	2344.47			-.196	.39994	-.08135	-.06764	.01371
		2535	1.923					
1752.0	2347.01			.077	.39758	.03074	-.06330	-.09404
		2887	1.970					
1754.0	2349.89			.190	.38318	.07566	.03531	-.04035
		3526	2.371					
1756.0	2353.42			.011	.38313	.00415	.07966	.07550
		3485	2.452					
1758.0	2356.90			-.153	.37418	-.05857	-.06042	-.00185
		2861	2.194					
1760.0	2359.77			.042	.37351	.01575	.02539	.00965
		3113	2.194					
1762.0	2362.88			.085	.37083	.03165	.00104	-.03061
		3464	2.337					
1764.0	2366.34			.092	.36771	.03405	.07187	.03783
		3829	2.541					
1766.0	2370.17			-.278	.33934	-.10212	-.07222	.02991
		2764	1.990					
1768.0	2372.94			.139	.33277	.04724	-.02047	-.06771
		3281	2.219					
1770.0	2376.22			.017	.33267	.00556	.01299	.00742
		3184	2.364					
1772.0	2379.40			-.004	.33267	-.00141	.01034	.01175
		3277	2.278					
1774.0	2382.68			.040	.33215	.01317	.01472	.00155
		3484	2.319					
1776.0	2386.16			.009	.33212	.00315	.05383	.05068
		3468	2.375					
1778.0	2389.63			.065	.33071	.02161	.01387	-.00774
		3735	2.512					
1780.0	2393.37			.089	.32811	.02932	.00161	-.02771
		4450	2.518					
1782.0	2397.82			-.164	.31930	-.05378	-.01263	.04115
		3506	2.296					
1784.0	2401.32			.052	.31842	.01671	.04143	.02472
		3597	2.485					
1786.0	2404.92			-.128	.31322	-.04071	-.04476	-.00405
		3007	2.298					
1788.0	2407.93			.089	.31073	.02794	-.03591	-.06385
		3392	2.436					

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
1790.0	2411.32			-.201	.29819	-.06241	-.06694	-.00453
		2723	2.020					
1792.0	2414.04			.183	.28819	.05461	.02310	-.03151
		3245	2.455					
1794.0	2417.29			.015	.28613	.00437	.02212	.01775
		3544	2.318					
1796.0	2420.83			-.012	.28809	-.00336	.06724	.07061
		3538	2.267					
1798.0	2424.37			.033	.28776	.00963	-.06583	-.07547
		3705	2.315					
1800.0	2428.07			-.007	.28775	-.00211	.03281	.03492
		3726	2.269					
1802.0	2431.80			-.006	.28774	-.00177	.04426	.04603
		3683	2.267					
1804.0	2435.48			.101	.28481	.02903	.00486	-.02417
		4356	2.347					
1806.0	2439.84			-.024	.28464	-.00684	.03456	.04140
		4121	2.365					
1808.0	2443.96			.139	.27913	.03961	.02295	-.01666
		5076	2.540					
1810.0	2449.04			.075	.27758	.02083	.09098	.07015
		5711	2.622					
1812.0	2454.75			-.009	.27756	-.00242	.03432	.03674
		5621	2.618					
1814.0	2460.37			-.187	.26785	-.05189	.02777	.07966
		4242	2.376					
1816.0	2464.61			-.137	.26282	-.03673	-.13499	-.09826
		3395	2.253					
1818.0	2468.00			.004	.26281	.00094	-.08465	-.08558
		3421	2.251					
1820.0	2471.43			.025	.26265	.00649	-.02352	-.03001
		3561	2.273					
1822.0	2474.99			.162	.25574	.04261	.03318	-.00943
		4604	2.439					
1824.0	2479.59			-.153	.24976	-.03911	-.01110	.02801
		3625	2.275					
1826.0	2483.22			-.003	.24976	-.00074	.01457	.01531
		3635	2.256					
1828.0	2486.85			-.007	.24975	-.00169	-.02622	-.02453
		3601	2.247					
1830.0	2490.45			.023	.24961	.00578	-.02025	-.02603
		3710	2.284					
1832.0	2494.16			.003	.24961	.00086	-.04130	-.04216
		3722	2.292					
1834.0	2497.88			.201	.23949	.05026	.07530	.02504
		5022	2.556					
1836.0	2502.90			.034	.23921	.00819	.07181	.06362
		5240	2.623					
1838.0	2508.14			-.044	.23875	-.01048	.03572	.04620

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
		4921	2,558					
1840.0	2513.07			-.084	.23706	-.02012	.01028	.03040
		4123	2,579					
1842.0	2517.19			-.036	.23675	-.00847	-.06020	-.05173
		3879	2,552					
1844.0	2521.07			.001	.23675	.00018	.04005	.03987
		3853	2,573					
1846.0	2524.92			-.007	.23674	-.00159	-.05984	-.05826
		3799	2,575					
1848.0	2528.72			-.002	.23674	-.00053	.00910	.00964
		3793	2,567					
1850.0	2532.51			-.007	.23673	-.00155	.02633	.02788
		3738	2,571					
1852.0	2536.25			.011	.23670	.00268	-.03087	-.03355
		3849	2,554					
1854.0	2540.10			-.016	.23664	-.00387	-.00176	.00212
		3715	2,561					
1856.0	2543.82			.014	.23660	.00321	-.01752	-.02073
		3788	2,581					
1858.0	2547.60			-.005	.23659	-.00111	.03419	.03530
		3783	2,560					
1860.0	2551.39			-.013	.23655	-.00304	-.02039	-.01735
		3714	2,541					
1862.0	2555.10			-.019	.23646	-.00458	.00457	.00915
		3547	2,560					
1864.0	2558.65			.021	.23636	.00500	-.02307	-.02807
		3764	2,517					
1866.0	2562.41			.001	.23636	.00034	.00445	.00411
		3740	2,540					
1868.0	2566.15			.005	.23635	.00114	-.00410	-.00524
		3783	2,536					
1870.0	2569.93			-.033	.23610	-.00768	-.00638	.00130
		3627	2,478					
1872.0	2573.56			-.053	.23543	-.01260	-.00524	.00735
		3488	2,316					
1874.0	2577.05			.044	.23497	.01041	.00567	-.00474
		3670	2,405					
1876.0	2580.72			-.029	.23477	-.00681	-.03315	-.02635
		3562	2,338					
1878.0	2584.28			.021	.23466	.00503	.00800	.00296
		3755	2,315					
1880.0	2588.04			.026	.23451	.00608	.02939	.02331
		3888	2,355					
1882.0	2591.92			-.023	.23438	-.00538	.00021	.00559
		3799	2,302					
1884.0	2595.72			-.008	.23437	-.00191	-.00983	-.00791
		3765	2,285					
1886.0	2599.49			.021	.23426	.00494	-.00829	-.01323
		3864	2,322					

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
1888.0	2603.35			-.008	.23425	-.00182	-.00831	-.00649
		3727	2.371					
1890.0	2607.08			.042	.23383	.00985	-.00687	-.01672
		3797	2.531					
1892.0	2610.88			-.002	.23383	-.00044	.02467	.02511
		3889	2.462					
1894.0	2614.77			-.072	.23262	-.01684	-.01754	-.00070
		3632	2.282					
1896.0	2618.40			.014	.23258	.00315	.03569	.03254
		3592	2.371					
1898.0	2621.99			.054	.23189	.01262	-.04658	-.05921
		3691	2.572					
1900.0	2625.68			.022	.23179	.00499	.04863	.04364
		3873	2.559					
1902.0	2629.55			.058	.23100	.01347	-.00936	-.02283
		4329	2.572					
1904.0	2633.88			-.103	.22854	-.02385	.02525	.04911
		3671	2.465					
1906.0	2637.55			-.086	.22686	-.01959	.03070	.05030
		3254	2.342					
1908.0	2640.81			.133	.22284	.03018	-.04224	-.07242
		3896	2.556					
1910.0	2644.70			-.048	.22234	-.01061	-.01356	-.00295
		3624	2.498					
1912.0	2648.33			-.019	.22226	-.00428	-.02695	-.02267
		3531	2.467					
1914.0	2651.86			-.006	.22225	-.00126	-.01314	-.01189
		3558	2.421					
1916.0	2655.42			.010	.22223	.00213	-.03105	-.03319
		3550	2.474					
1918.0	2658.97			.024	.22210	.00534	.00355	-.00179
		3659	2.518					
1920.0	2662.63			.019	.22202	.00426	.07290	.06863
		3843	2.491					
1922.0	2666.47			-.029	.22182	-.00655	.00405	.01059
		3625	2.490					
1924.0	2670.09			.048	.22132	.01055	.02152	.01096
		3901	2.545					
1926.0	2673.99			-.015	.22127	-.00332	-.00373	-.00041
		3799	2.536					
1928.0	2677.79			-.105	.21881	-.02334	-.06805	-.04471
		3267	2.386					
1930.0	2681.06			.031	.21859	.00688	.02372	.01684
		3453	2.405					
1932.0	2684.51			.050	.21805	.01088	.04072	.02983
		3762	2.438					
1934.0	2688.27			-.036	.21777	-.00790	-.06328	-.05538
		3637	2.346					
1936.0	2691.91			.006	.21776	.00120	-.01364	-.01484

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
		3590	2.403					
1938.0	2695.50			-.045	.21733	-.00971	-.03621	-.02650
		3381	2.333					
1940.0	2698.88			.092	.21549	.02000	.07112	.05113
		3764	2.521					
1942.0	2702.65			-.052	.21491	-.01118	-.01136	-.00018
		3491	2.449					
1944.0	2706.14			.030	.21471	.00648	-.05259	-.05908
		3676	2.471					
1946.0	2709.81			-.017	.21465	-.00374	.03448	.03822
		3594	2.441					
1948.0	2713.41			.004	.21464	.00094	.01810	.01716
		3679	2.405					
1950.0	2717.09			.175	.20809	.03749	.05907	.02157
		4746	2.654					
1952.0	2721.83			-.129	.20464	-.02681	-.01127	.01554
		3904	2.489					
1954.0	2725.74			-.053	.20405	-.01092	-.00935	.00157
		3556	2.456					
1956.0	2729.29			-.045	.20364	-.00924	-.03634	-.02710
		3331	2.395					
1958.0	2732.62			.115	.20093	.02346	.00381	-.01965
		3925	2.562					
1960.0	2736.55			-.053	.20037	-.01065	.00693	.01758
		3599	2.513					
1962.0	2740.15			.029	.20020	.00588	.03116	.02527
		3816	2.513					
1964.0	2743.96			-.027	.20005	-.00534	-.01256	-.00722
		3652	2.489					
1966.0	2747.62			.014	.20002	.00274	.02954	.02679
		3747	2.494					
1968.0	2751.36			-.068	.19908	-.01366	-.07939	-.06573
		3395	2.400					
1970.0	2754.76			.053	.19852	.01057	.03035	.01977
		3648	2.485					
1972.0	2758.41			.032	.19832	.00636	-.00790	-.01427
		3818	2.531					
1974.0	2762.23			.014	.19828	.00273	.00919	.00646
		3872	2.566					
1976.0	2766.10			-.022	.19818	-.00440	-.01264	-.00824
		3740	2.541					
1978.0	2769.84			-.085	.19676	-.01679	.00520	.02199
		3354	2.391					
1980.0	2773.19			.013	.19673	.00252	.03367	.03115
		3458	2.379					
1982.0	2776.65			.034	.19650	.00667	-.05342	-.06009
		3554	2.477					
1984.0	2780.20			.008	.19649	.00154	.01777	.01622
		3712	2.409					

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
1986.0	2783.91			-.015	.19645	-.00290	-.06355	-.06065
		3575	2.429					
1988.0	2787.49			.019	.19637	.00379	.03370	.02991
		3585	2.517					
1990.0	2791.08			-.002	.19637	-.00032	.02331	.02363
		3571	2.519					
1992.0	2794.65			.025	.19625	.00489	.01007	.00518
		3779	2.502					
1994.0	2798.42			.013	.19622	.00265	.00947	.00682
		3792	2.561					
1996.0	2802.22			.018	.19615	.00359	-.03382	-.03741
		3949	2.551					
1998.0	2806.17			-.017	.19610	-.00330	.04812	.05142
		3828	2.545					
2000.0	2809.99			.005	.19609	.00099	.01560	.01461
		3909	2.517					
2002.0	2813.90			-.166	.19072	-.03246	-.04326	-.01080
		3093	2.278					
2004.0	2817.00			.051	.19023	.00967	-.04179	-.05147
		3392	2.299					
2006.0	2820.39			-.010	.19021	-.00182	-.01543	-.01361
		3414	2.241					
2008.0	2823.60			.019	.19014	.00370	.00116	-.00254
		3477	2.288					
2010.0	2827.28			.071	.18917	.01355	.01715	.00359
		3714	2.470					
2012.0	2830.99			-.012	.18915	-.00220	.00814	.01033
		3662	2.448					
2014.0	2834.66			-.032	.18895	-.00611	-.00069	.00542
		3609	2.328					
2016.0	2838.27			-.005	.18895	-.00090	-.03423	-.03333
		3599	2.312					
2018.0	2841.86			.107	.18676	.02031	.02923	.00892
		4019	2.570					
2020.0	2845.88			-.046	.18636	-.00867	.05592	.06459
		3926	2.397					
2022.0	2849.81			-.019	.18630	-.00345	-.02880	-.02535
		3838	2.363					
2024.0	2853.65			.049	.18585	.00912	.01798	.00885
		3986	2.509					
2026.0	2857.63			-.010	.18583	-.00189	.00683	.00871
		3935	2.491					
2028.0	2861.57			.004	.18583	.00066	-.03612	-.03678
		3954	2.496					
2030.0	2865.52			-.001	.18583	-.00017	.01686	.01703
		3889	2.534					
2032.0	2869.41			-.003	.18582	-.00062	.03763	.03825
		3851	2.542					
2034.0	2873.26			.031	.18564	.00580	.01027	.00447

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
		4058	2.568					
2036.0	2877.32			-.205	.17782	-.03812	-.09663	-.05851
		3102	2.214					
2038.0	2880.42			.161	.17320	.02865	.02997	.00133
		3858	2.464					
2040.0	2884.28			.016	.17316	.00269	.04488	.04219
		3922	2.500					
2042.0	2888.20			-.006	.17315	-.00110	-.03547	-.03437
		3896	2.485					
2044.0	2892.10			.001	.17315	.00017	.05026	.05008
		3790	2.560					
2046.0	2895.89			.009	.17314	.00151	-.04223	-.04374
		3925	2.515					
2048.0	2899.81			.004	.17314	.00072	.01885	.01813
		3943	2.525					
2050.0	2903.75			.004	.17313	.00073	.01662	.01589
		3936	2.551					
2052.0	2907.69			0	.17313	.00007	.01011	.01004
		3937	2.552					
2054.0	2911.63			-.002	.17313	-.00028	-.03306	-.03278
		3953	2.533					
2056.0	2915.58			.007	.17312	.00122	.01252	.01130
		4015	2.530					
2058.0	2919.60			-.007	.17312	-.00114	-.04681	-.04567
		4001	2.506					
2060.0	2923.60			.001	.17312	.00022	.03088	.03066
		3944	2.548					
2062.0	2927.54			-.024	.17302	-.00414	.04023	.04437
		3860	2.482					
2064.0	2931.40			-.018	.17296	-.00310	.01201	.01511
		3768	2.453					
2066.0	2935.17			-.050	.17253	-.00866	-.02694	-.01825
		3595	2.325					
2068.0	2938.76			.077	.17150	.01330	.02170	.00840
		3905	2.498					
2070.0	2942.67			.008	.17149	.00143	-.03945	-.04088
		3939	2.518					
2072.0	2946.61			0	.17149	.00001	.00009	.00008
		3868	2.565					
2074.0	2950.48			-.063	.17081	-.01082	-.01803	-.00721
		3612	2.421					
2076.0	2954.09			.041	.17052	.00697	.01501	.00804
		3801	2.496					
2078.0	2957.89			-.009	.17051	-.00160	.00770	.00931
		3829	2.431					
2080.0	2961.72			0	.17051	.00007	.05268	.05261
		3903	2.387					
2082.0	2965.62			.022	.17042	.00383	-.06983	-.07365
		3956	2.464					

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
2084.0	2969.58			.026	.17030	.00450	.03648	.03198
		4058	2.532					
2086.0	2973.64			-.055	.16980	-.00929	.04299	.05227
		3797	2.426					
2088.0	2977.43			.059	.16920	.01010	-.05340	-.06350
		4119	2.520					
2090.0	2981.55			-.017	.16915	-.00284	.00612	.00896
		3964	2.531					
2092.0	2985.52			-.005	.16914	-.00086	-.03090	-.03005
		3908	2.542					
2094.0	2989.42			-.003	.16914	-.00057	.03437	.03494
		3930	2.511					
2096.0	2993.35			.030	.16899	.00514	.07347	.06833
		4131	2.538					
2098.0	2997.49			.013	.16896	.00217	-.04796	-.05014
		4196	2.564					
2100.0	3001.68			-.024	.16886	-.00411	.01768	.02179
		4041	2.536					
2102.0	3005.72			-.053	.16837	-.00903	-.07498	-.06595
		3754	2.453					
2104.0	3009.48			-.015	.16833	-.00258	.04966	.05223
		3655	2.443					
2106.0	3013.13			.008	.16832	.00131	-.00795	-.00926
		3745	2.422					
2108.0	3016.88			.035	.16811	.00596	-.01827	-.02423
		3926	2.480					
2110.0	3020.80			-.017	.16806	-.00292	-.01405	-.01113
		3857	2.438					
2112.0	3024.66			.059	.16748	.00987	-.00477	-.01463
		4147	2.550					
2114.0	3028.81			-.040	.16722	-.00667	.01638	.02305
		3934	2.483					
2116.0	3032.74			.031	.16706	.00517	.04259	.03742
		4102	2.533					
2118.0	3036.84			-.013	.16703	-.00222	.02717	.02940
		4020	2.517					
2120.0	3040.86			-.062	.16639	-.01032	-.00085	.00947
		3642	2.454					
2122.0	3044.50			.040	.16612	.00669	-.03888	-.04556
		3876	2.499					
2124.0	3048.38			.039	.16587	.00644	.00305	-.00338
		4103	2.551					
2126.0	3052.48			-.023	.16579	-.00374	-.02358	-.01984
		3975	2.517					
2128.0	3056.46			.003	.16579	.00051	.03984	.03934
		3966	2.539					
2130.0	3060.42			.017	.16574	.00288	-.00016	-.00304
		4112	2.535					
2132.0	3064.54			.071	.16491	.01169	-.02266	-.03436

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
		4669	2.572					
2134.0	3069.20			-.131	.16206	-.02167	-.06508	-.04341
		3744	2.462					
2136.0	3072.95			.033	.16189	.00532	.05563	.05032
		3913	2.515					
2138.0	3076.86			-.026	.16178	-.00418	-.04673	-.04255
		3850	2.428					
2140.0	3080.71			.072	.16094	.01164	-.02212	-.03376
		4290	2.516					
2142.0	3085.00			-.031	.16079	-.00502	.06801	.07302
		4018	2.524					
2144.0	3089.02			-.010	.16077	-.00155	.02748	.02903
		3914	2.542					
2146.0	3092.93			-.005	.16077	-.00077	-.03800	-.03723
		3915	2.517					
2148.0	3096.85			.013	.16074	.00217	.00081	-.00135
		3982	2.542					
2150.0	3100.83			-.038	.16051	-.00604	.00404	.01008
		3781	2.484					
2152.0	3104.61			.041	.16025	.00652	-.01028	-.01680
		3993	2.551					
2154.0	3108.61			.025	.16015	.00397	.06397	.06000
		4146	2.582					
2156.0	3112.75			-.089	.15888	-.01427	-.01465	-.00039
		3631	2.466					
2158.0	3116.38			.061	.15830	.00963	-.02164	-.03126
		3960	2.552					
2160.0	3120.34			-.040	.15804	-.00637	-.01760	-.01124
		3786	2.463					
2162.0	3124.13			-.003	.15804	-.00052	-.01064	-.01012
		3770	2.457					
2164.0	3127.90			.023	.15795	.00367	-.02321	-.02688
		3925	2.473					
2166.0	3131.82			.004	.15795	.00066	-.00337	-.00403
		3952	2.477					
2168.0	3135.78			.066	.15726	.01041	.05927	.04885
		4305	2.594					
2170.0	3140.08			-.085	.15613	-.01335	-.03072	-.01737
		3791	2.485					
2172.0	3143.87			-.006	.15612	-.00099	.00559	.00658
		3714	2.505					
2174.0	3147.59			-.022	.15605	-.00349	-.05312	-.04964
		3646	2.440					
2176.0	3151.23			-.064	.15541	-.00999	-.02711	-.01711
		3313	2.362					
2178.0	3154.55			.068	.15470	.01050	-.02891	-.03941
		3623	2.473					
2180.0	3158.17			-.011	.15468	-.00169	.02177	.02346
		3637	2.410					

TWO WAY TRAVEL TIME MS	DEPTH FROM SFD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
2182.0	3161.81			.033	.15451	.00513	.02663	.02150
		3747	2.500					
2184.0	3165.55			-.041	.15424	-.00640	.03374	.04014
		3536	2.439					
2186.0	3169.09			.007	.15424	.00114	-.03451	-.03565
		3587	2.439					
2188.0	3172.68			-.023	.15415	-.00362	-.00078	.00284
		3463	2.411					
2190.0	3176.14			.045	.15384	.00687	.00070	-.00616
		3723	2.452					
2192.0	3179.86			.015	.15381	.00231	-.00521	-.00752
		3814	2.466					
2194.0	3183.68			.001	.15381	.00014	-.02694	-.02709
		3749	2.514					
2196.0	3187.43			.028	.15369	.00435	.03541	.03105
		3870	2.577					
2198.0	3191.30			-.034	.15351	-.00524	.04525	.05049
		3724	2.501					
2200.0	3195.02			.003	.15351	.00052	-.03732	-.03784
		3780	2.481					
2202.0	3198.80			-.011	.15349	-.00170	.00495	.00665
		3694	2.483					
2204.0	3202.49			.041	.15323	.00629	.04084	.03455
		3975	2.504					
2206.0	3206.47			-.010	.15321	-.00155	-.02161	-.02006
		3917	2.491					
2208.0	3210.39			.002	.15321	.00030	-.03136	-.03166
		3880	2.524					
2210.0	3214.27			-.025	.15311	-.00391	.04066	.04456
		3776	2.465					
2212.0	3218.04			-.067	.15242	-.01030	.00962	.01992
		3433	2.370					
2214.0	3221.48			.152	.14888	.02324	-.03337	-.05661
		4355	2.540					
2216.0	3225.83			-.143	.14585	-.02124	-.01142	.00981
		3483	2.383					
2218.0	3229.31			.048	.14551	.00706	.01406	.00700
		3676	2.487					
2220.0	3232.99			-.026	.14541	-.00371	.01365	.01736
		3548	2.449					
2222.0	3236.54			.047	.14509	.00690	.01707	.01017
		3782	2.526					
2224.0	3240.32			-.085	.14403	-.01240	-.05941	-.04701
		3319	2.425					
2226.0	3243.64			.060	.14350	.00868	.02479	.01610
		3625	2.506					
2228.0	3247.26			-.037	.14330	-.00535	-.05660	-.05125
		3466	2.432					
2230.0	3250.73			.068	.14265	.00968	.01957	.00989

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
		3806	2.536					
2232.0	3254.53			.041	.14241	.00586	.03218	.02632
		4012	2.612					
2234.0	3258.55			-.058	.14192	-.00830	-.03054	-.02224
		3630	2.569					
2236.0	3262.18			-.256	.13264	-.03630	-.02587	.01043
		2709	2.040					
2238.0	3264.89			.163	.12913	.02159	.02926	.00767
		3342	2.297					
2240.0	3268.23			.106	.12769	.01364	.02277	.00912
		3838	2.473					
2242.0	3272.07			-.032	.12755	-.00414	-.03762	-.03348
		3660	2.430					
2244.0	3275.72			.038	.12737	.00483	-.03014	-.03497
		3800	2.524					
2246.0	3279.53			-.017	.12733	-.00213	.05075	.05287
		3720	2.494					
2248.0	3283.25			-.088	.12635	-.01119	-.02751	-.01632
		3405	2.284					
2250.0	3286.65			.087	.12539	.01103	-.03360	-.04463
		3714	2.495					
2252.0	3290.36			-.053	.12503	-.00669	.02781	.03450
		3448	2.416					
2254.0	3293.81			.064	.12452	.00799	.04463	.03664
		3782	2.503					
2256.0	3297.59			.034	.12438	.00423	-.01344	-.01767
		3966	2.555					
2258.0	3301.56			-.154	.12141	-.01920	-.03232	-.01312
		3190	2.327					
2260.0	3304.75			.046	.12116	.00559	.02703	.02144
		3526	2.308					
2262.0	3308.26			.042	.12095	.00504	.00888	.00383
		3656	2.419					
2264.0	3311.93			-.038	.12077	-.00461	-.00921	-.00460
		3470	2.362					
2266.0	3315.40			.008	.12076	.00099	.01995	.01896
		3468	2.403					
2268.0	3318.67			-.039	.12058	-.00469	.01413	.01882
		3260	2.365					
2270.0	3322.13			.067	.12004	.00808	-.07352	-.08160
		3585	2.459					
2272.0	3325.72			.035	.11989	.00424	.04960	.04536
		3724	2.541					
2274.0	3329.44			-.014	.11986	-.00165	-.01290	-.01125
		3697	2.490					
2276.0	3333.14			-.095	.11878	-.01143	-.01143	0
		3214	2.365					
2278.0	3336.35			.133	.11669	.01574	.00701	-.00873
		3881	2.557					

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
2280.0	3340.23			-.198	.11214	-.02305	.00502	.02806
		3131	2.124					
2282.0	3343.36			.019	.11210	.00209	-.03213	-.03422
		3091	2.234					
2284.0	3346.46			.001	.11210	.00013	.01064	.01051
		3053	2.267					
2286.0	3349.51			.052	.11179	.00584	-.01614	-.02198
		3296	2.330					
2288.0	3352.80			.065	.11132	.00726	-.01727	-.02453
		3642	2.401					
2290.0	3356.45			.025	.11125	.00281	.04691	.04410
		3770	2.440					
2292.0	3360.22			.017	.11122	.00185	-.01368	-.01553
		3782	2.515					
2294.0	3364.00			-.019	.11118	-.00207	.07797	.08003
		3669	2.498					
2296.0	3367.67			.028	.11110	.00307	.02134	.01827
		3840	2.522					
2298.0	3371.51			-.044	.11089	-.00485	-.03584	-.03099
		3689	2.405					
2300.0	3375.20			-.007	.11088	-.00074	-.00324	-.00250
		3696	2.369					
2302.0	3378.89			.051	.11059	.00564	.02183	.01619
		3843	2.523					
2304.0	3382.74			-.029	.11050	-.00325	-.01482	-.01157
		3672	2.489					
2306.0	3386.41			.002	.11050	.00025	.03293	.03268
		3801	2.416					
2308.0	3390.21			-.024	.11043	-.00264	-.08682	-.08418
		3510	2.494					
2310.0	3393.72			.017	.11040	.00183	.00915	.00732
		3688	2.453					
2312.0	3397.41			.051	.11012	.00562	.05121	.04559
		3963	2.528					
2314.0	3401.37			-.091	.10921	-.01001	.03209	.04211
		3510	2.379					
2316.0	3404.88			.043	.10901	.00465	.00259	-.00205
		3673	2.475					
2318.0	3408.55			-.098	.10796	-.01071	-.01319	-.00248
		3299	2.263					
2320.0	3411.85			-.012	.10794	-.00129	-.00217	-.00088
		3125	2.332					
2322.0	3414.97			.066	.10747	.00716	-.07146	-.07863
		3558	2.339					
2324.0	3418.53			.086	.10667	.00924	.00404	-.00520
		3878	2.550					
2326.0	3422.41			-.020	.10663	-.00218	-.01218	-.01000
		3688	2.574					
2328.0	3426.10			-.053	.10632	-.00568	.00732	.01301

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
		3530	2.417					
2330.0	3429.63			-.006	.10632	-.00064	.00098	.00163
		3491	2.414					
2332.0	3433.12			-.042	.10614	-.00442	-.00193	.00249
		3421	2.268					
2334.0	3436.54			.055	.10581	.00589	.03353	.02764
		3576	2.424					
2336.0	3440.12			.079	.10515	.00836	.01594	.00758
		3967	2.560					
2338.0	3444.08			.042	.10496	.00443	.01361	.00918
		4221	2.618					
2340.0	3448.30			-.082	.10425	-.00863	.04264	.05127
		3768	2.487					
2342.0	3452.07			.043	.10405	.00453	-.02222	-.02675
		3988	2.563					
2344.0	3456.06			-.202	.09981	-.02101	-.04333	-.02232
		2996	2.266					
2346.0	3459.06			.130	.09812	.01299	.04040	.02740
		3592	2.455					
2348.0	3462.65			-.134	.09637	-.01311	-.03105	-.01794
		2869	2.350					
2350.0	3465.52			-.086	.09566	-.00828	-.05439	-.04611
		2780	2.041					
2352.0	3468.30			.222	.09095	.02122	-.05700	-.07822
		3616	2.464					
2354.0	3471.91			.001	.09095	.00006	.05248	.05242
		3820	2.335					
2356.0	3475.73			-.036	.09083	-.00328	-.03218	-.02891
		3658	2.269					
2358.0	3479.39			-.031	.09075	-.00279	.01422	.01701
		3347	2.332					
2360.0	3482.74			-.077	.09021	-.00701	.00415	.01116
		3254	2.055					
2362.0	3485.99			-.167	.08770	-.01502	-.02131	-.00629
		2588	1.846					
2364.0	3488.58			.302	.07968	.02653	-.01091	-.03744
		3603	2.476					
2366.0	3492.18			-.111	.07870	-.00886	.03540	.04426
		3206	2.225					
2368.0	3495.39			.121	.07754	.00953	-.01791	-.02744
		3730	2.440					
2370.0	3499.12			.021	.07751	.00160	-.02768	-.02927
		3727	2.544					
2372.0	3502.84			-.006	.07751	-.00047	.01986	.02033
		3703	2.530					
2374.0	3506.55			0	.07751	-.00001	.08580	.08581
		3703	2.529					
2376.0	3510.25			0	.07751	-.00001	-.00095	-.00094
		3703	2.529					

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
2376.0	3513.95			0	.07751	-.00001	-.01025	-.01024
		3703	2.528					
2380.0	3517.66			0	.07751	-.00001	.00695	.00695
		3703	2.528					
2382.0	3521.36			0	.07751	-.00001	.00319	.00320
		3703	2.527					
2384.0	3525.06			0	.07751	-.00001	-.00547	-.00546
		3703	2.527					
2386.0	3528.77			-.162	.07547	-.01257	-.02986	-.01729
		2889	2.335					
2388.0	3531.66			.143	.07393	.01076	-.01279	-.02355
		3525	2.549					
2390.0	3535.18			-.001	.07393	-.00007	.02889	.02895
		3555	2.524					
2392.0	3538.74			.042	.07380	.00312	.01605	.01293
		3741	2.610					
2394.0	3542.48			-.059	.07354	-.00436	-.01186	-.00750
		3423	2.534					
2396.0	3545.90			.052	.07334	.00385	.05419	.05034
		3679	2.618					
2398.0	3549.58			.025	.07330	.00183	-.00463	-.00646
		3887	2.605					
2400.0	3553.47			-.056	.07307	-.00408	.01798	.02206
		3504	2.584					
2402.0	3556.97			-.027	.07302	-.00198	-.01525	-.01328
		3407	2.518					
2404.0	3560.38			.105	.07222	.00764	-.02619	-.03384
		4095	2.585					
2406.0	3564.47			-.139	.07081	-.01007	-.01986	-.00978
		3379	2.366					
2408.0	3567.65			.003	.07081	.00019	-.03307	-.03326
		3307	2.431					
2410.0	3571.16			.105	.07004	.00741	-.01709	-.02450
		3834	2.586					
2412.0	3574.99			-.124	.06896	-.00867	.00480	.01346
		3209	2.409					
2414.0	3578.20			-.005	.06896	-.00036	.00995	.01031
		3183	2.404					
2416.0	3581.39			.063	.06868	.00437	-.01871	-.02308
		3489	2.490					
2418.0	3584.88			-.148	.06718	-.01015	.02934	.03949
		2837	2.273					
2420.0	3587.71			.125	.06613	.00843	-.04232	-.05075
		3342	2.484					
2422.0	3591.05			.042	.06601	.00276	-.01248	-.01524
		3564	2.532					
2424.0	3594.62			.077	.06562	.00507	.02334	.01827
		4053	2.597					
2426.0	3598.67			-.091	.06508	-.00598	.00670	.01268

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
		3505	2.502					
2428.0	3602.18			-.054	.06489	-.00349	.04428	.04777
		3221	2.446					
2430.0	3605.40			-.072	.06456	-.00464	-.01441	-.00976
		2992	2.281					
2432.0	3608.39			.148	.06314	.00958	.03138	.02180
		3626	2.538					
2434.0	3612.02			.058	.06292	.00366	-.07396	-.07762
		3953	2.614					
2436.0	3615.97			-.133	.06182	-.00834	.04180	.05014
		3242	2.442					
2438.0	3619.21			-.028	.06177	-.00176	-.06225	-.06049
		3099	2.413					
2440.0	3622.31			-.081	.06137	-.00499	.01902	.02401
		2819	2.256					
2442.0	3625.13			.012	.06136	.00074	-.03588	-.03661
		2846	2.290					
2444.0	3627.97			.227	.05818	.01395	.05653	.04258
		3942	2.626					
2446.0	3631.92			-.147	.05693	-.00853	-.01544	-.00691
		3201	2.407					
2448.0	3635.12			.063	.05671	.00359	.00578	.00219
		3515	2.486					
2450.0	3638.63			-.033	.05665	-.00187	-.01766	-.01579
		3304	2.477					
2452.0	3641.94			.093	.05615	.00530	-.03527	-.04057
		3817	2.586					
2454.0	3645.75			-.027	.05611	-.00149	.07479	.07629
		3652	2.563					
2456.0	3649.41			-.009	.05611	-.00049	.04903	.04952
		3597	2.557					
2458.0	3653.00			-.038	.05603	-.00212	-.10770	-.10558
		3367	2.518					
2460.0	3656.39			-.185	.05410	-.01038	.01541	.02579
		2702	2.169					
2462.0	3659.09			-.006	.05410	-.00034	.06712	.06747
		2642	2.190					
2464.0	3661.73			.256	.05055	.01387	.04100	.02713
		3769	2.594					
2466.0	3665.50			-.063	.05035	-.00316	-.08311	-.07995
		3452	2.499					
2468.0	3668.96			.011	.05034	.00054	-.04514	-.04567
		3510	2.510					
2470.0	3672.47			-.002	.05034	-.00012	.08473	.08485
		3429	2.558					
2472.0	3675.90			-.065	.05013	-.00326	-.00457	-.00131
		3175	2.426					
2474.0	3679.07			.113	.04950	.00564	-.00768	-.01332
		3676	2.627					

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
2476.0	3682.75			-.029	.04946	-.00141	.06091	.06232
		3525	2.588					
2478.0	3686.27			.063	.04926	.00312	-.01786	-.02098
		3947	2.622					
2480.0	3690.22			-.109	.04868	-.00536	-.02783	-.02247
		3360	2.476					
2482.0	3693.58			-.006	.04867	-.00030	.00127	.00157
		3313	2.480					
2484.0	3696.89			.004	.04867	.00019	-.03685	-.03703
		3316	2.497					
2486.0	3700.21			.011	.04867	.00052	.01055	.01003
		3385	2.499					
2488.0	3703.59			-.031	.04862	-.00148	-.02287	-.02138
		3225	2.468					
2490.0	3706.82			.073	.04837	.00354	.01063	.00708
		3620	2.544					
2492.0	3710.44			-.189	.04664	-.00914	-.02244	-.01330
		2789	2.253					
2494.0	3713.23			.222	.04434	.01035	.08876	.07841
		3748	2.632					
2496.0	3716.97			.029	.04431	.00127	.01075	.00949
		3926	2.661					
2498.0	3720.90			.004	.04431	.00016	-.00590	-.00605
		3957	2.658					
2500.0	3724.86			-.066	.04411	-.00294	-.02040	-.01746
		3546	2.597					
2502.0	3728.40			.022	.04409	.00098	.07582	.07484
		3721	2.587					
2504.0	3732.12			-.098	.04367	-.00430	-.05530	-.05100
		3252	2.434					
2506.0	3735.38			.011	.04366	.00049	-.03097	-.03146
		3278	2.469					
2508.0	3738.65			-.001	.04366	-.00004	.01552	.01555
		3292	2.454					
2510.0	3741.95			.068	.04346	.00298	-.00971	-.01268
		3646	2.540					
2512.0	3745.59			-.020	.04344	-.00089	.02477	.02566
		3510	2.533					
2514.0	3749.10			.110	.04292	.00477	.00403	-.00074
		4100	2.703					
2516.0	3753.20			.011	.04291	.00046	-.03539	-.03586
		4128	2.744					
2518.0	3757.33			-.052	.04280	-.00223	.01706	.01929
		3729	2.737					
2520.0	3761.06			-.031	.04276	-.00134	.02360	.02494
		3745	2.560					
2522.0	3764.81			.031	.04272	.00131	-.00691	-.00821
		3895	2.617					
2524.0	3768.70			.006	.04272	.00025	.05620	.05595

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
		3879	2.659					
2526.0	3772.58			-.011	.04271	-.00047	-.00398	-.00351
		3864	2.611					
2528.0	3776.44			.024	.04269	.00103	-.01971	-.02074
		4031	2.627					
2530.0	3780.47			-.042	.04261	-.00178	.05439	.05616
		3716	2.622					
2532.0	3784.19			-.004	.04261	-.00019	-.00308	-.00289
		3761	2.568					
2534.0	3787.95			0	.04261	0	-.05896	-.05896
		3787	2.550					
2536.0	3791.74			.036	.04256	.00153	.02018	.01865
		4049	2.563					
2538.0	3795.79			0	0	0	-.00500	-.00500
2540.0							-.02196	-.02196
2542.0							.06348	.06348
2544.0							-.01677	-.01677
2546.0							-.00228	-.00228
2548.0							-.02319	-.02319
2550.0							-.01957	-.01957
2552.0							.02338	.02338
2554.0							-.00151	-.00151
2556.0							.06173	.06173
2558.0							-.03742	-.03742
2560.0							-.04147	-.04147
2562.0							.02921	.02921
2564.0							-.03371	-.03371
2566.0							.05868	.05868
2568.0							.02558	.02558
2570.0							-.02481	-.02481
2572.0							.02108	.02108

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
2574.0							-.03818	-.03818
2576.0							.00045	.00045
2578.0							-.01359	-.01359
2580.0							.05745	.05745
2582.0							-.02568	-.02568
2584.0							-.02002	-.02002
2586.0							-.02664	-.02664
2588.0							-.02930	-.02930
2590.0							.02973	.02973
2592.0							-.00806	-.00806
2594.0							.04002	.04002
2596.0							-.04558	-.04558
2598.0							.01745	.01745
2600.0							.00737	.00737
2602.0							.01925	.01925
2604.0							-.01049	-.01049
2606.0							-.02850	-.02850
2608.0							.01739	.01739
2610.0							-.01202	-.01202
2612.0							.01803	.01803
2614.0							-.02455	-.02455
2616.0							.00318	.00318
2618.0							.03087	.03087
2620.0							-.04669	-.04669
2622.0							.01900	.01900

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
2624.0							.01980	.01980
2626.0							-.00245	-.00245
2628.0							-.02610	-.02610
2630.0							.00853	.00853
2632.0							-.02443	-.02443
2634.0							-.02578	-.02578
2636.0							.04091	.04091
2638.0							.00377	.00377
2640.0							.00249	.00249
2642.0							-.00305	-.00305
2644.0							.06033	.06033
2646.0							.00034	.00034
2648.0							-.00353	-.00353
2650.0							-.01477	-.01477
2652.0							.01846	.01846
2654.0							.03701	.03701
2656.0							-.04980	-.04980
2658.0							-.01871	-.01871
2660.0							.00256	.00256
2662.0							-.06129	-.06129
2664.0							.03347	.03347
2666.0							.01386	.01386
2668.0							.03890	.03890
2670.0							-.02199	-.02199

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
2672.0							-.01742	-.01742
2674.0							.01651	.01651
2676.0							.01189	.01189
2678.0							-.01745	-.01745
2680.0							.04700	.04700
2682.0							-.03609	-.03609
2684.0							-.02619	-.02619
2686.0							.00318	.00318
2688.0							.01869	.01869
2690.0							.02375	.02375
2692.0							-.06055	-.06055
2694.0							.04375	.04375
2696.0							-.01834	-.01834
2698.0							.03522	.03522
2700.0							-.05680	-.05680
2702.0							-.03894	-.03894
2704.0							-.02734	-.02734
2706.0							-.00141	-.00141
2708.0							.08355	.08355
2710.0							-.00678	-.00678
2712.0							-.01664	-.01664
2714.0							.02497	.02497
2716.0							.00336	.00336
2718.0							.00158	.00158
2720.0							.04306	.04306

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
2722.0							-.01648	-.01648
2724.0							-.02715	-.02715
2726.0							-.02344	-.02344
2728.0							.00712	.00712
2730.0							.01659	.01659
2732.0							.01552	.01552
2734.0							-.02922	-.02922
2736.0							-.06378	-.06378
2738.0							.07204	.07204
2740.0							-.01958	-.01958
2742.0							.04746	.04746
2744.0							.02256	.02256
2746.0							-.00341	-.00341
2748.0							-.03782	-.03782
2750.0							.02532	.02532
2752.0							-.07611	-.07611
2754.0							.04050	.04050
2756.0							-.03277	-.03277
2758.0							.08859	.08859
2760.0							-.07574	-.07574
2762.0							.03690	.03690
2764.0							.01608	.01608
2766.0							-.03128	-.03128
2768.0							.02913	.02913

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
2770.0							-.06203	-.06203
2772.0							.02666	.02666
2774.0							-.01899	-.01899
2776.0							-.01745	-.01745
2778.0							-.02071	-.02071
2780.0							.06659	.06659
2782.0							-.03785	-.03785
2784.0							.05834	.05834
2786.0							-.05947	-.05947
2788.0							-.01730	-.01730
2790.0							.01115	.01115
2792.0							.00618	.00618
2794.0							.03693	.03693
2796.0							.04637	.04637
2798.0							-.06405	-.06405
2800.0							-.00386	-.00386
2802.0							.02308	.02308
2804.0							.04895	.04895
2806.0							.00230	.00230
2808.0							-.05431	-.05431
2810.0							.00907	.00907
2812.0							-.02329	-.02329
2814.0							.00540	.00540
2816.0							.05630	.05630
2818.0							-.07774	-.07774

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
2820.0							-.01848	-.01848
2822.0							-.00628	-.00628
2824.0							.03906	.03906
2826.0							-.01189	-.01189
2828.0							.01098	.01098
2830.0							.02516	.02516
2832.0							-.07708	-.07708
2834.0							.02278	.02278
2836.0							.03273	.03273
2838.0							.03394	.03394
2840.0							.02495	.02495
2842.0							-.03027	-.03027
2844.0							-.05899	-.05899
2846.0							-.00224	-.00224
2848.0							-.02029	-.02029
2850.0							-.00252	-.00252
2852.0							.03844	.03844
2854.0							.05423	.05423
2856.0							.01209	.01209
2858.0							-.00148	-.00148
2860.0							-.06333	-.06333
2862.0							.01230	.01230
2864.0							.03113	.03113
2866.0							-.02028	-.02028

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
2868.0							-.02195	-.02195
2870.0							.00820	.00820
2872.0							.01712	.01712
2874.0							-.00397	-.00397
2876.0							-.06477	-.06477
2878.0							.04634	.04634
2880.0							.00394	.00394
2882.0							.03510	.03510
2884.0							-.03742	-.03742
2886.0							.03289	.03289
2888.0							-.01229	-.01229
2890.0							-.02391	-.02391
2892.0							.00031	.00031
2894.0							-.03908	-.03908
2896.0							.02743	.02743
2898.0							.07059	.07059
2900.0							-.04869	-.04869
2902.0							.04419	.04419
2904.0							-.00598	-.00598
2906.0							-.06797	-.06797
2908.0							.02142	.02142
2910.0							.02849	.02849
2912.0							.00065	.00065
2914.0							-.00240	-.00240
2916.0							.01104	.01104

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
2918.0							-.04868	-.04868
2920.0							.00488	.00488
2922.0							.00524	.00524
2924.0							-.00588	-.00588
2926.0							.01232	.01232
2928.0							.04060	.04060
2930.0							.00917	.00917
2932.0							-.01047	-.01047
2934.0							-.02008	-.02008
2936.0							-.03376	-.03376
2938.0							.07394	.07394
2940.0							-.02623	-.02623
2942.0							-.02417	-.02417
2944.0							.00065	.00065
2946.0							-.03704	-.03704
2948.0							.04858	.04858
2950.0							-.09503	-.09503
2952.0							.04802	.04802
2954.0							.03180	.03180
2956.0							-.02076	-.02076
2958.0							.00599	.00599
2960.0							.00170	.00170
2962.0							.03109	.03109
2964.0							.01628	.01628

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
2966.0							.02955	.02955
2968.0							-.08844	-.08844
2970.0							-.05148	-.05148
2972.0							.03911	.03911
2974.0							.01214	.01214
2976.0							.02415	.02415
2978.0							-.02666	-.02666
2980.0							-.04168	-.04168
2982.0							-.00926	-.00926
2984.0							.03796	.03796
2986.0							.03214	.03214
2988.0							-.00980	-.00980
2990.0							.00734	.00734
2992.0							.01485	.01485
2994.0							.01769	.01769
2996.0							-.02423	-.02423
2998.0							-.02544	-.02544
3000.0							.02321	.02321
3002.0							-.02207	-.02207
3004.0							-.03255	-.03255
3006.0							-.00954	-.00954
3008.0							.03434	.03434
3010.0							.02008	.02008
3012.0							-.01576	-.01576
3014.0							.01262	.01262

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
3016.0							.00155	.00155
3018.0							.00088	.00088
3020.0							-.01193	-.01193
3022.0							-.03593	-.03593
3024.0							.04104	.04104
3026.0							.01343	.01343
3028.0							.01211	.01211
3030.0							-.03260	-.03260
3032.0							-.03892	-.03892
3034.0							.03664	.03664
3036.0							-.00493	-.00493
3038.0							.02276	.02276
3040.0							.00768	.00768
3042.0							.00136	.00136
3044.0							-.01978	-.01978
3046.0							.01014	.01014
3048.0							-.01651	-.01651
3050.0							-.02116	-.02116
3052.0							.01464	.01464
3054.0							.00271	.00271
3056.0							.02367	.02367
3058.0							-.01980	-.01980
3060.0							.02574	.02574
3062.0							-.03978	-.03978

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
3064.0							.01992	.01992
3066.0							.07148	.07148
3068.0							-.06593	-.06593
3070.0							-.00921	-.00921
3072.0							-.06924	-.06924
3074.0							.06805	.06805
3076.0							-.04548	-.04548
3078.0							.03869	.03869
3080.0							.03029	.03029
3082.0							-.03214	-.03214
3084.0							.02582	.02582
3086.0							-.03246	-.03246
3088.0							-.03134	-.03134
3090.0							.09477	.09477
3092.0							-.05737	-.05737
3094.0							.01551	.01551
3096.0							-.01686	-.01686
3098.0							.00211	.00211
3100.0							.01076	.01076
3102.0							.01464	.01464
3104.0							.00285	.00285
3106.0							-.04028	-.04028
3108.0							.02268	.02268
3110.0							-.03142	-.03142
3112.0							.05836	.05836

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
3114.0							-.01972	-.01972
3116.0							.00713	.00713
3118.0							-.03612	-.03612
3120.0							.03720	.03720
3122.0							-.01697	-.01697
3124.0							.01262	.01262
3126.0							-.00511	-.00511
3128.0							.00324	.00324
3130.0							-.00287	-.00287
3132.0							-.04049	-.04049
3134.0							.01356	.01356
3136.0							.01622	.01622
3138.0							-.04577	-.04577
3140.0							-.03971	-.03971
3142.0							.01378	.01378
3144.0							.07501	.07501
3146.0							.02604	.02604
3148.0							.02909	.02909
3150.0							.02117	.02117
3152.0							-.04854	-.04854
3154.0							-.01007	-.01007
3156.0							.00820	.00820
3158.0							-.00802	-.00802
3160.0							-.00197	-.00197

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
3162.0							-.00736	-.00736
3164.0							.02976	.02976
3166.0							-.06343	-.06343
3168.0							.01003	.01003
3170.0							.03817	.03817
3172.0							-.01059	-.01059
3174.0							-.03439	-.03439
3176.0							.02323	.02323
3178.0							.03573	.03573
3180.0							-.00057	-.00057
3182.0							-.01792	-.01792
3184.0							-.02875	-.02875
3186.0							-.00009	-.00009
3188.0							.00888	.00888
3190.0							.02390	.02390
3192.0							-.05299	-.05299
3194.0							-.00648	-.00648
3196.0							.00438	.00438
3198.0							.01867	.01867
3200.0							.06301	.06301
3202.0							-.02545	-.02545
3204.0							.03545	.03545
3206.0							-.04830	-.04830
3208.0							-.04028	-.04028
3210.0							.00584	.00584

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
3212.0							.00860	.00860
3214.0							.02022	.02022
3216.0							-.04366	-.04366
3218.0							.04858	.04858
3220.0							.05418	.05418
3222.0							-.02274	-.02274
3224.0							-.04813	-.04813
3226.0							.03110	.03110
3228.0							.00852	.00852
3230.0							.02976	.02976
3232.0							-.05536	-.05536
3234.0							-.01417	-.01417
3236.0							-.02233	-.02233
3238.0							.07552	.07552
3240.0							-.06664	-.06664
3242.0							.01822	.01822
3244.0							.01853	.01853
3246.0							-.03758	-.03758
3248.0							.01898	.01898
3250.0							.05793	.05793
3252.0							-.04366	-.04366
3254.0							.03040	.03040
3256.0							.00641	.00641
3258.0							-.00993	-.00993

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
3260.0							-.02670	-.02670
3262.0							.00208	.00208
3264.0							-.00264	-.00264
3266.0							.01110	.01110
3268.0							-.02494	-.02494
3270.0							-.02282	-.02282
3272.0							-.00493	-.00493
3274.0							.00160	.00160
3276.0							-.06075	-.06075
3278.0							.03848	.03848
3280.0							.05883	.05883
3282.0							-.00413	-.00413
3284.0							-.00290	-.00290
3286.0							.00841	.00841
3288.0							-.00403	-.00403
3290.0							-.03677	-.03677
3292.0							.07960	.07960
3294.0							-.03011	-.03011
3296.0							-.00836	-.00836
3298.0							.02203	.02203
3300.0							-.06021	-.06021
3302.0							-.01973	-.01973
3304.0							.06832	.06832
3306.0							.00544	.00544
3308.0							-.03612	-.03612

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
3310.0							-.02313	-.02313
3312.0							-.00665	-.00665
3314.0							-.02044	-.02044
3316.0							.03114	.03114
3318.0							-.01514	-.01514
3320.0							.03445	.03445
3322.0							-.01401	-.01401
3324.0							.04006	.04006
3326.0							.02895	.02895
3328.0							-.03412	-.03412
3330.0							.00385	.00385
3332.0							.00686	.00686
3334.0							-.02857	-.02857
3336.0							.01420	.01420
3338.0							-.00694	-.00694
3340.0							.02412	.02412
3342.0							.00213	.00213
3344.0							-.03458	-.03458
3346.0							-.00169	-.00169
3348.0							.00452	.00452
3350.0							.01105	.01105
3352.0							-.06305	-.06305
3354.0							.01090	.01090
3356.0							.04188	.04188

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
3358.0							.04932	.04932
3360.0							.01965	.01965
3362.0							-.05316	-.05316
3364.0							.01564	.01564
3366.0							.02234	.02234
3368.0							-.02469	-.02469
3370.0							-.01033	-.01033
3372.0							-.02577	-.02577
3374.0							-.00085	-.00085
3376.0							-.01476	-.01476
3378.0							.00853	.00853
3380.0							-.03279	-.03279
3382.0							.01975	.01975
3384.0							.05098	.05098
3386.0							.04836	.04836
3388.0							-.01732	-.01732
3390.0							-.02634	-.02634
3392.0							-.04391	-.04391
3394.0							.02058	.02058
3396.0							.04457	.04457
3398.0							-.03346	-.03346
3400.0							.02458	.02458
3402.0							-.00989	-.00989
3404.0							-.02526	-.02526
3406.0							.05605	.05605

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (ON TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
3408.0							-.02995	-.02995
3410.0							.01578	.01578
3412.0							-.02636	-.02636
3414.0							-.00706	-.00706
3416.0							.00314	.00314
3416.0							.02067	.02067
3420.0							.01985	.01985
3422.0							-.02046	-.02046
3424.0							-.01482	-.01482
3426.0							-.02658	-.02658
3428.0							.01064	.01064
3430.0							.04050	.04050
3432.0							-.01662	-.01662
3434.0							-.02689	-.02689
3436.0							.01111	.01111
3438.0							.02736	.02736
3440.0							-.01958	-.01958
3442.0							.04705	.04705
3444.0							-.03711	-.03711
3446.0							-.00844	-.00844
3448.0							.00345	.00345
3450.0							.01039	.01039
3452.0							-.00908	-.00908
3454.0							-.03049	-.03049

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
3456.0							-.00495	-.00495
3458.0							.03313	.03313
3460.0							.00971	.00971
3462.0							-.05792	-.05792
3464.0							.04087	.04087
3466.0							.02564	.02564
3468.0							-.02027	-.02027
3470.0							.01539	.01539
3472.0							-.02466	-.02466
3474.0							-.04879	-.04879
3476.0							.06033	.06033
3478.0							.02363	.02363
3480.0							-.00922	-.00922
3482.0							-.02020	-.02020
3484.0							-.01728	-.01728
3486.0							-.03056	-.03056
3488.0							.00553	.00553
3490.0							.02892	.02892
3492.0							.00233	.00233
3494.0							-.03755	-.03755
3496.0							.00419	.00419
3498.0							.04087	.04087
3500.0							.01411	.01411
3502.0							-.01822	-.01822
3504.0							.00606	.00606

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
3506.0							-.02792	-.02792
3508.0							.05161	.05161
3510.0							.01281	.01281
3512.0							.03021	.03021
3514.0							-.05587	-.05587
3516.0							-.02161	-.02161
3518.0							-.01362	-.01362
3520.0							.03373	.03373
3522.0							.03767	.03767
3524.0							-.04920	-.04920
3526.0							.03286	.03286
3528.0							-.03633	-.03633
3530.0							.00570	.00570
3532.0							-.00396	-.00396
3534.0							-.01934	-.01934
3536.0							.01489	.01489
3538.0							.02760	.02760
3540.0							-.00683	-.00683
3542.0							-.00690	-.00690
3544.0							-.02591	-.02591
3546.0							.02366	.02366
3548.0							.02312	.02312
3550.0							-.03901	-.03901
3552.0							.04945	.04945

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
3554.0							-.06943	-.06943
3556.0							.02324	.02324
3558.0							-.03429	-.03429
3560.0							.02559	.02559
3562.0							-.02245	-.02245
3564.0							.03087	.03087
3566.0							-.00371	-.00371
3568.0							.02016	.02016
3570.0							.01423	.01423
3572.0							-.01142	-.01142
3574.0							-.01899	-.01899
3576.0							.00130	.00130
3578.0							.04123	.04123
3580.0							-.04232	-.04232
3582.0							-.00686	-.00686
3584.0							.04055	.04055
3586.0							-.02871	-.02871
3588.0							.02480	.02480
3590.0							-.02113	-.02113
3592.0							-.02917	-.02917
3594.0							.00394	.00394
3596.0							.05679	.05679
3598.0							.04506	.04506
3600.0							-.03718	-.03718
3602.0							-.01105	-.01105

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
3604.0							-.05016	-.05016
3606.0							-.01121	-.01121
3606.0							.06753	.06753
3610.0							-.01121	-.01121
3612.0							.01836	.01836
3614.0							.00747	.00747
3616.0							-.03228	-.03228
3618.0							-.02698	-.02698
3620.0							.00188	.00188
3622.0							-.02017	-.02017
3624.0							.04730	.04730
3626.0							.00756	.00756
3628.0							-.02253	-.02253
3630.0							-.05254	-.05254
3632.0							.03526	.03526
3634.0							.01078	.01078
3636.0							-.04469	-.04469
3638.0							.08507	.08507
3640.0							-.02638	-.02638
3642.0							-.01792	-.01792
3644.0							-.00378	-.00378
3646.0							.04058	.04058
3648.0							-.03153	-.03153
3650.0							-.03297	-.03297

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
3652.0							.02868	.02868
3654.0							-.01251	-.01251
3656.0							.03342	.03342
3658.0							-.06743	-.06743
3660.0							.00584	.00584
3662.0							.01075	.01075
3664.0							.03708	.03708
3666.0							.03142	.03142
3668.0							-.05134	-.05134
3670.0							-.01189	-.01189
3672.0							.09516	.09516

PE604484

This is an enclosure indicator page.
The enclosure PE604484 is enclosed within the container PE905919 at this location in this document.

The enclosure PE604484 has the following characteristics:

ITEM_BARCODE	= PE604484
CONTAINER_BARCODE	= PE905919
NAME	= Seismic Calibration Log
BASIN	= GIPPSLAND BASIN
PERMIT	= VIC/L11
TYPE	= WELL
SUBTYPE	= VELOCITY_CHART
DESCRIPTION	= Seismic Calibration Log, Adjusted Continous Velocity Log (enclosure from Seismic Calibration Report--attachment to WCR) for Grunter-1
REMARKS	= Includes a Drift Curve , Time Depth Log Velocities and an Adjusted Continuos Velocity Log (copy also in WCR appendix 4 for Grunter-1)
DATE_CREATED	= 12/12/84
DATE_RECEIVED	=
W_NO	= W879
WELL_NAME	= GRUNTER-1
CONTRACTOR	= SCHLUMBERGER
CLIENT_OP_CO	= ESSO AUSTRALIA LTD

(Inserted by DNRE - Vic Govt Mines Dept)

PE604485

This is an enclosure indicator page.
The enclosure PE604485 is enclosed within the container PE905919 at this location in this document.

The enclosure PE604485 has the following characteristics:

ITEM_BARCODE	= PE604485
CONTAINER_BARCODE	= PE905919
NAME	= Raw and Stacked Shots
BASIN	= GIPPSLAND BASIN
PERMIT	= VIC/L11
TYPE	= WELL
SUBTYPE	= VELOCITY_CHART
DESCRIPTION	= Raw and Stacked Shots (enclosure from Seismic Calibration Report--attachment to WCR) for Grunter-1
REMARKS	= copy also in WCR appendix 4 for Grunter-1
DATE_CREATED	= 12/12/84
DATE_RECEIVED	=
W_NO	= W879
WELL_NAME	= GRUNTER-1
CONTRACTOR	= SCHLUMBERGER
CLIENT_OP_CO	= ESSO AUSTRALIA LTD

(Inserted by DNRE - Vic Govt Mines Dept)

PE604487

This is an enclosure indicator page.
The enclosure PE604487 is enclosed within the container PE905919 at this location in this document.

The enclosure PE604487 has the following characteristics:

ITEM_BARCODE	= PE604487
CONTAINER_BARCODE	= PE905919
NAME	= Geogram (Synthetic Seismogram)
BASIN	= GIPPSLAND BASIN
PERMIT	= VIC/L11
TYPE	= WELL
SUBTYPE	= SYNTH_SEISMOGRAM
DESCRIPTION	= Geogram, Synthetic Seismogram -scale 7.5"" = 1sec- (enclosure from Seismic Calibration Report--attachment to WCR) for Grunter-1
REMARKS	=
DATE_CREATED	= 13/12/84
DATE_RECEIVED	=
W_NO	= W879
WELL_NAME	= GRUNTER-1
CONTRACTOR	= SCHLUMBERGER
CLIENT_OP_CO	= ESSO AUSTRALIA LTD

(Inserted by DNRE - Vic Govt Mines Dept)

PE604686

This is an enclosure indicator page.
The enclosure PE604686 is enclosed within the container PE905919 at this location in this document.

The enclosure PE604686 has the following characteristics:

ITEM_BARCODE	= PE604686
CONTAINER_BARCODE	= PE905919
NAME	= Geogram (Synthetic Seismogram)
BASIN	= GIPPSLAND BASIN
PERMIT	= VIC/L11
TYPE	= WELL
SUBTYPE	= SYNTH_SEISMOGRAM
DESCRIPTION	= Geogram, Synthetic Seismogram -scale 3.75"" = 1sec- (enclosure from Seismic Calibration Report--attachment to WCR) for Grunter-1
REMARKS	=
DATE_CREATED	= 13/12/84
DATE_RECEIVED	=
W_NO	= W879
WELL_NAME	= GRUNTER-1
CONTRACTOR	= SCHLUMBERGER
CLIENT_OP_CO	= ESSO AUSTRALIA LTD

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PE604486

This is an enclosure indicator page.
The enclosure PE604486 is enclosed within the container PE905919 at this location in this document.

The enclosure PE604486 has the following characteristics:

ITEM_BARCODE	= PE604486
CONTAINER_BARCODE	= PE905919
NAME	= Seismic Calibration Log
BASIN	= GIPPSLAND BASIN
PERMIT	= VIC/L11
TYPE	= WELL
SUBTYPE	= VELOCITY_CHART
DESCRIPTION	= Seismic Calibration Log, Adjusted Continous Velocity Log (enclosure from Seismic Calibration Report--attachment to WCR) for Grunter-1
REMARKS	= Includes Average and Interval Velocities (copy also in WCR appendix 4 for Grunter-1)
DATE_CREATED	= 12/12/84
DATE_RECEIVED	=
W_NO	= W879
WELL_NAME	= GRUNTER-1
CONTRACTOR	= SCHLUMBERGER
CLIENT_OP_CO	= ESSO AUSTRALIA LTD

(Inserted by DNRE - Vic Govt Mines Dept)