

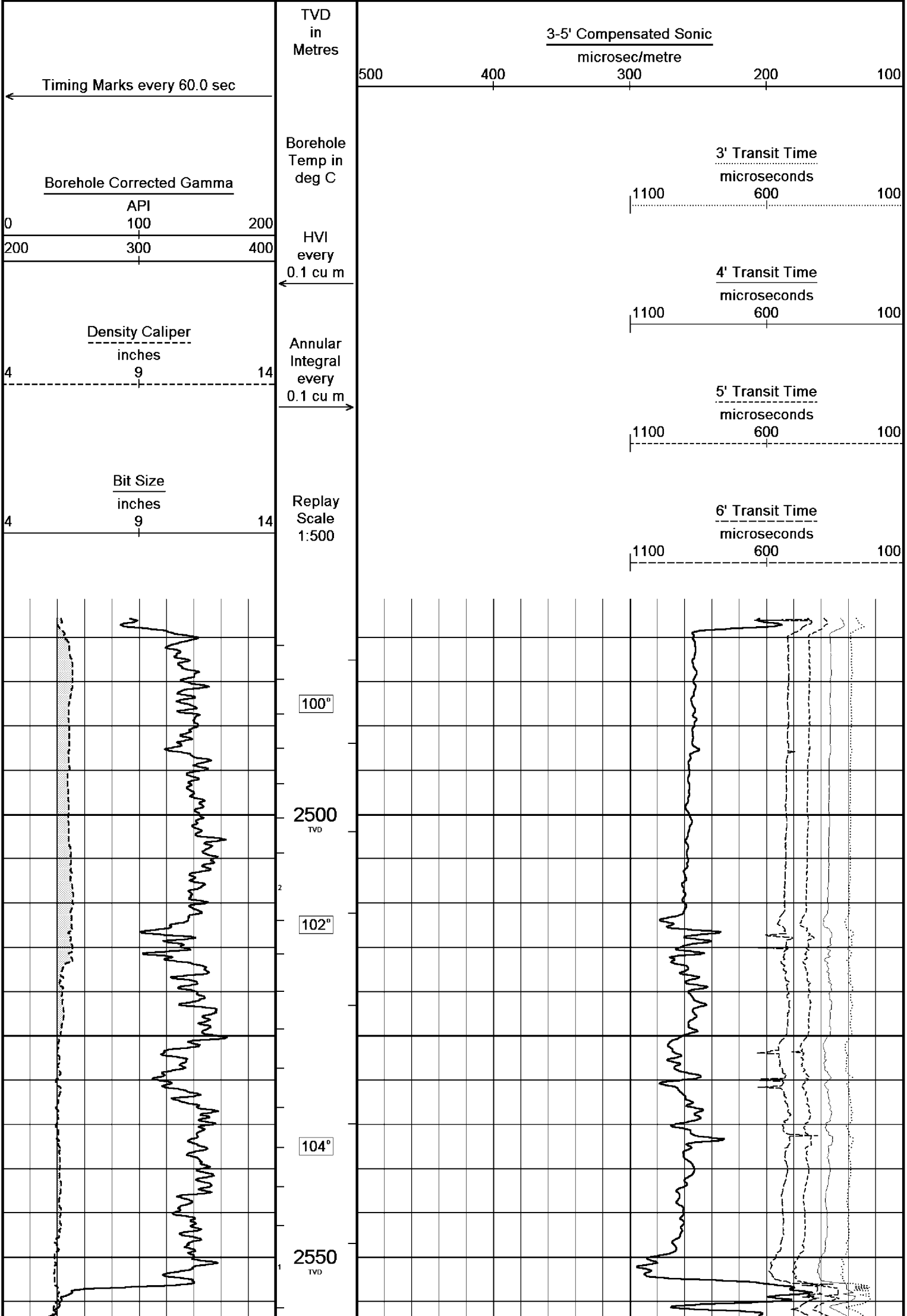
Reeves

COMPENSATED SONIC 1:500 TVD

COMPANY	ESSO AUSTRALIA PTY. LTD.		
WELL	FLOUNDER A-18a		
FIELD	GIPPSLAND BASIN		
PROVINCE/COUNTY	BASS STRAIT		
COUNTRY/STATE	AUSTRALIA		
LOCATION	5758711.43 m N, 625855.81 m E 38°18'39.155" S, 148°26'22.358" E		
LSD	SEC	TWP	RGE
API Number	Other Services		
Permit Number	DUAL LATEROLOG		MICROLATEROLOG
Permanent Datum MSL	, Elevation 0 metres		
Log Measured From RT@33.85 metres above Permanent Datum	PHOTO DENSITY		
Drilling Measured From RT	COMPENSATED NEUTRON		
Date	30-Jun-2003		Elevations: KB 33.85 metres DF 33.85 metres GL -93.00 metres
Run Number	2		
Depth Driller	2612.90		metres
Depth Logger	2612.76		metres
First Reading	2612.03		metres
Last Reading	2427.10		metres
Casing Driller	2264.06		metres
Casing Logger	2263.63		metres
Bit Size	6.00		inches
Hole Fluid Type	KCl/PHPA/GLY		
Density / Viscosity	9.90 lb/USg		75.00 sec/qt
PH / Fluid Loss	9.00		2.60 ml/30Min
Sample Source	FLOWLINE		
Rm @ Measured Temp	0.118 @ 25.0		ohm-m
Rmf @ Measured Temp	0.103 @ 25.0		ohm-m
Rmc @ Measured Temp	0.28 @ 25.0		ohm-m
Source Rmf / Rmc	PRESS		PRESS
Rm @ BHT	0.044 @ 106.5		ohm-m
Time Since Circulation	15 HRS		
Max Recorded Temp	106.50		deg C
Equipment Name	COMPACT		
Equipment / Base	1		SALE
Recorded By	M. Barnes, P. Hodges		G. McManus, S. Mooney
Witnessed By	E. Espiritu		
Circ. Stopped	2300 29Jun03		

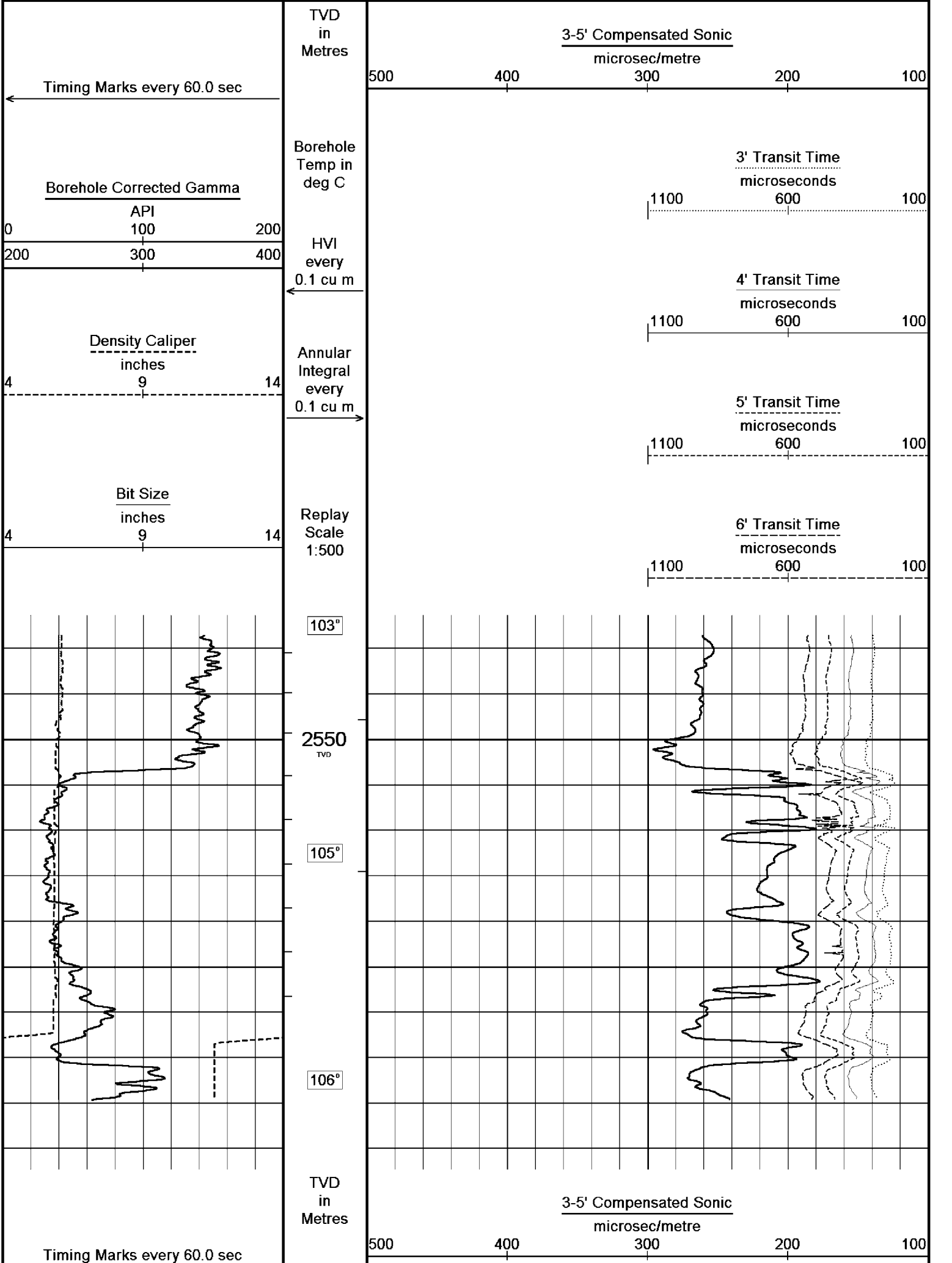
BOREHOLE RECORD				
Bit Size inches		Depth From metres		Depth To metres
8.500		1225.00		3337.40
6.000		3329.50		3736.00
CASING RECORD				
Type	Size inches	Depth From metres	Shoe Depth metres	Weight pounds/ft
K-55	10.750	0.00	1225.00	0.00
R3	7.000	0.00	3329.50	26.00
REMARKS				
DRILLING RIG: NABORS (ISDL) 453.				
REEVES COMPACT WIRELINE TOOLS RUN ON SCHLUMBERGER UNIT.				
HTHP: 9.2 ml/30 min @ 121°C				
MAX DEVIATION: 57.5° @ 1307 m MD.				
MAX DOG LEG SEVERITY: 5.57°/30 m MD.				
REEVES CREW: M.BARNES, G.MCMANUS, S.MOONEY, P.HODGES.				

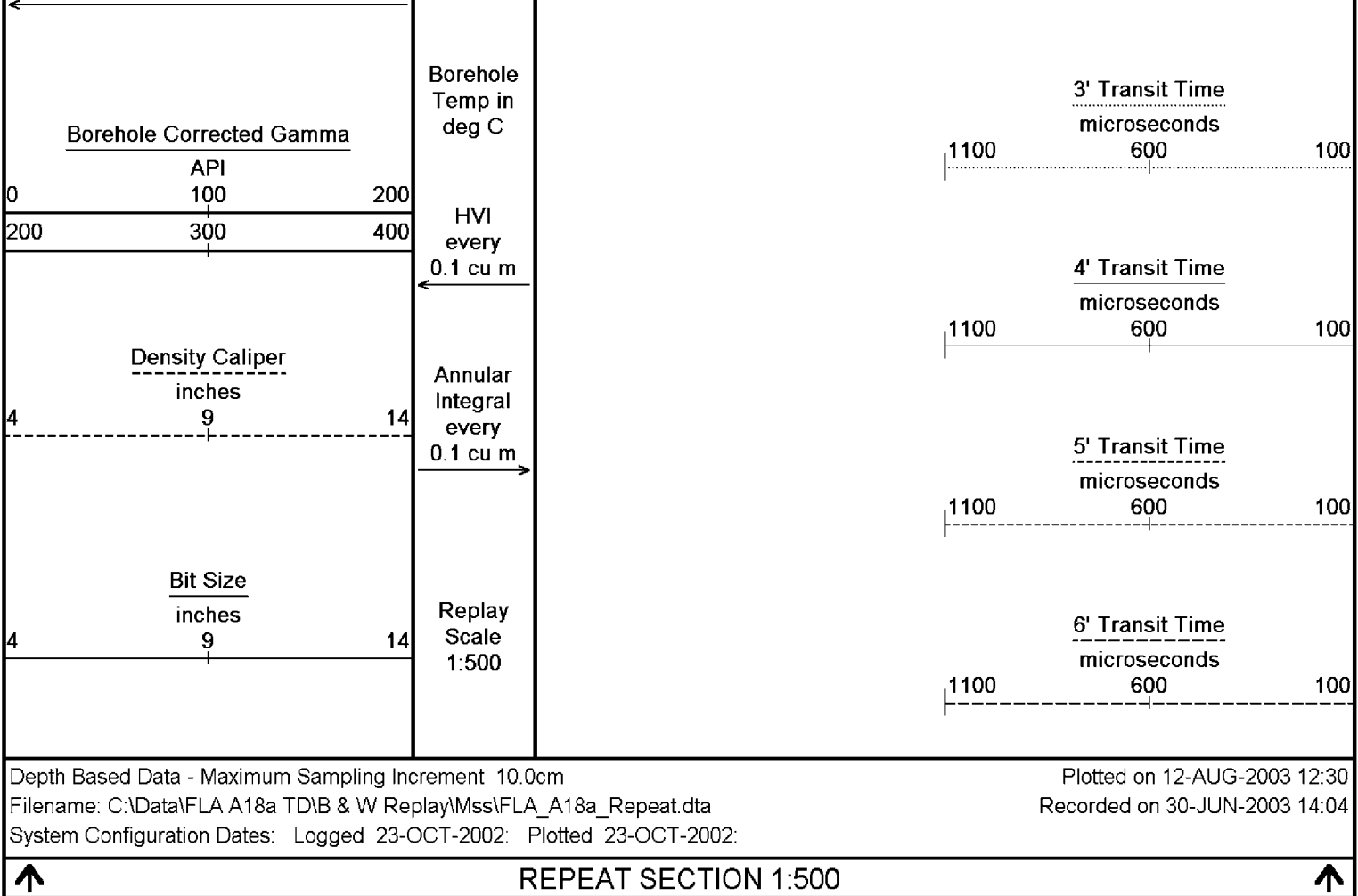
All interpretations are opinions based on inferences from electrical or other measurements and we cannot, and do not, guarantee the accuracy or correctness of any interpretations, and we shall not, except in the case of gross or wilful negligence on our part, be liable or responsible for any loss, costs, damages or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions in our price schedule.



Depth Based Data - Maximum Sampling Increment 10.0cm
Filename: C:\Data\FLA A18a TD\B & W Replay\Mss\FLA_A18a_Repeat.dta
System Configuration Dates: Logged 23-OCT-2002: Plotted 23-OCT-2002:

Plotted on 12-AUG-2003 12:30
Recorded on 30-JUN-2003 14:04





BEFORE SURVEY CALIBRATION			
C:\Data\FLA A18a TD\B & W Replay\Mss\FLA_A18a_Main_Log.dta			
General Constants All 000			
General Parameters			
Mud Resistivity	0.05	ohm-metres	
Mud Resistivity Temperature	100.00	degrees C	
Water Level	0.00	metres	
Density/Neutron Processing	Wet Hole		
Hole/Annular Volume and Differential Caliper Parameters			
HVOL Caliper 1	Density Caliper		
HVOL Caliper 2	Density Caliper		
Annular Volume Diameter	5.00	inches	
Caliper for Differential Caliper	None		
Rwa Parameters			
Porosity used	Base Density Porosity		
Resistivity used	Deep Laterolog		
RWA Constant A	0.61		
RWA Constant M	2.15		
High Resolution Temperature Calibration MCG 044			
	Measured	Calibrated(Deg C)	Field Calibration on 28-MAR-2003,17:35
Lower	0.00	0.00	
Upper	100.00	100.00	
High Resolution Temperature Constants MCG 044			
Pre-filter Length	11		
Gamma Calibration MCG 044			
	Measured	Calibrated (API)	Field Calibration on 26-JUN-2003 23:43
Background	13	8	
Calibrator (Gross)	1453	917	
Calibrator (Net)	1439	909	
Gamma Constants MCG 044			

Gamma Calibrator Number	060	
Mud Density	1.19	gm/cc
Caliper Source for Processing	Density Caliper	
Tool Position	Eccentred	
Concentration of KCl	0.00	kppm

Caliper Calibration MPD 067

Base Calibration on 30-JUN-2003,13:57

Field Calibration on 30-JUN-2003,13:58

Base Calibration

Reading No	Measured	Calibrator Size (in)
1	14801	4.61
2	24384	6.59
3	34288	8.58
4	44305	10.54
5	55264	12.61
6	N/A	N/A

Field Calibration

Measured Caliper (in)	Actual Caliper (in)
5.99	5.99

Sonic Constants MSS 045

Maximum Boundary Contrast	328.08	micro-sec/m
Fluid Transit Time	620.08	micro-sec/m
Limestone Transit Time	155.84	micro-sec/m
Sandstone Transit Time	182.09	micro-sec/m
Dolomite Transit Time	142.72	micro-sec/m
Sonic used for Porosities	3-5' Compensated Sonic	
Correction for Sonde Skew	Applied	
Cycle Stretch Algorithm	Applied	
MN3FT	N/A	micro-sec
MX3FT	N/A	micro-sec

Fixed Gate Parameters

Start Time (micro-sec)	End Time (micro-sec)	Discriminator (mV)	
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Down Hole Fixed Gate Parameters

Gate Start	N/A	micro-sec
Gate Width	N/A	micro-sec

Full Waveform Parameters

Use derived TR for 3' Waveform	N/A
Use derived TR for 4' Waveform	N/A
Use derived TR for 5' Waveform	N/A
Use derived TR for 6' Waveform	N/A
3' Waveform Discriminator Level	N/A mV
4' Waveform Discriminator Level	N/A mV
5' Waveform Discriminator Level	N/A mV
6' Waveform Discriminator Level	N/A mV
3' Waveform Filter	N/A
4' Waveform Filter	N/A
5' Waveform Filter	N/A
6' Waveform Filter	N/A

DOWNHOLE EQUIPMENT

All measurements relative to tool zero.

Compact Stiff Bridle Electrode Sub.
MBE 9 Length: 3.76 m Weight: 94.80 lb



Compact Inline Standoff B
MIS 77 Length: 0.65 m Weight: 15.43 lb

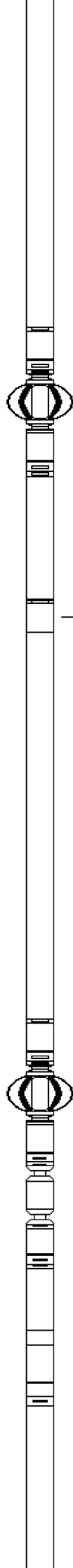
Compact Stiff Bridle Electrode Sub.
MBE 5 Length: 3.76 m Weight: 94.80 lb

Compact Inline Standoff B
MIS 31 Length: 0.65 m Weight: 15.43 lb

Compact Knuckle Joint
SKJ 46 Length: 0.66 m Weight: 24.25 lb

Compact Swivel Head Adaptor
SHA 27 Length: 0.83 m Weight: 26.46 lb

Compact Gamma
MCG 44 Length: 2.65 m Weight: 63.93 lb



27.65 m SPDL - Spontaneous Potential

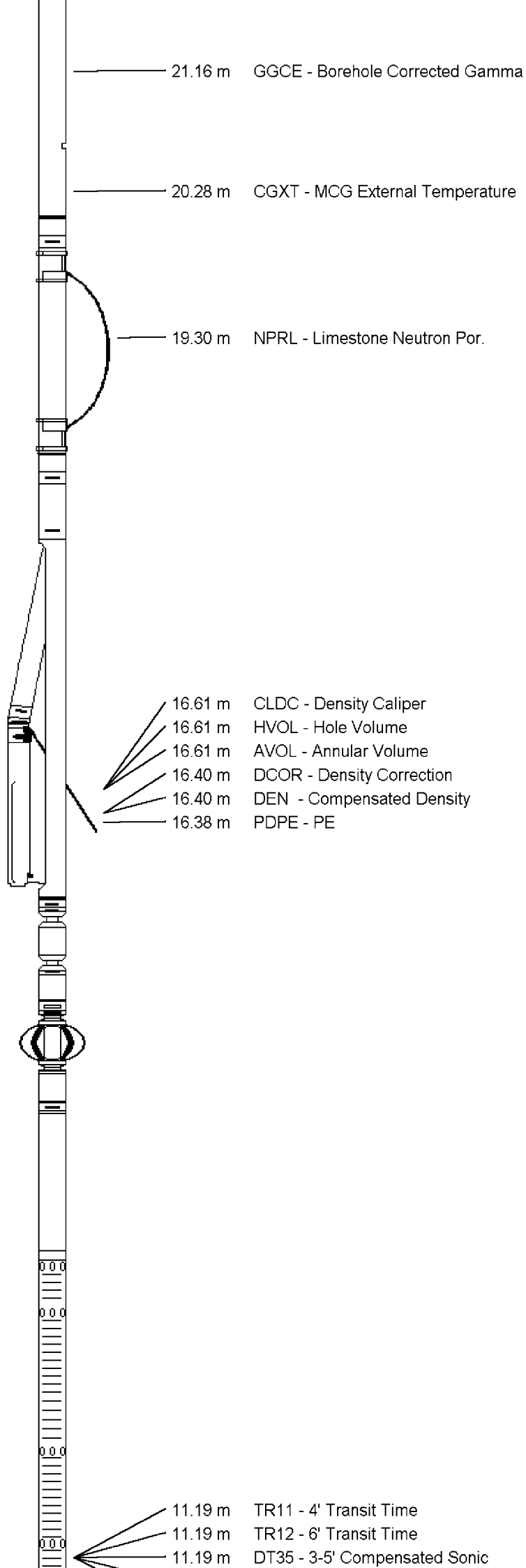
Compact Neutron
MDN 68 Length: 1.53 m Weight: 50.71 lb

Compact Density/Caliper
MPD 67 Length: 2.92 m Weight: 90.39 lb

Compact Knuckle Joint
SKJ 45 Length: 0.66 m Weight: 24.25 lb

Compact Inline Standoff B
MIS 53 Length: 0.65 m Weight: 15.43 lb

Compact Sonic
MSS 45 Length: 3.82 m Weight: 72.75 lb



Compact Inline Standoff B
MIS 75 Length: 0.65 m Weight: 15.43 lb

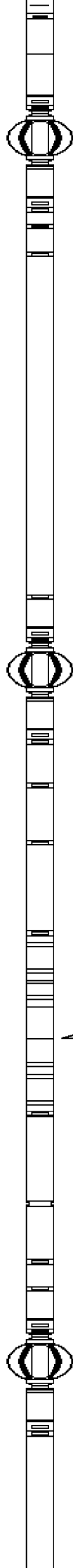
Compact Upper Guard Sub.
MUG 17 Length: 2.74 m Weight: 68.34 lb

Compact Inline Standoff B
MIS 49 Length: 0.65 m Weight: 15.43 lb

Compact Laterolog Electrode Sub.
MLE 15 Length: 3.76 m Weight: 92.59 lb

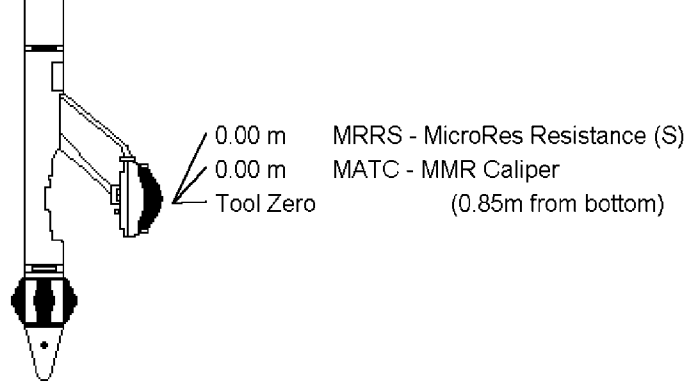
Compact Inline Standoff B
MIS 76 Length: 0.65 m Weight: 15.43 lb

Compact Micro-Resistivity
MMR 15 Length: 2.62 m Weight: 81.57 lb



11.19 m TR22 - 5' Transit Time
11.19 m TR21 - 3' Transit Time

4.58 m DSLL - Shallow Laterolog
4.58 m DDLL - Deep Laterolog



Pressure Bung + Hole Finder
 HFS 3 Length: 0.28 m

Weight: 6.61 lb

Total Length: 33.90 m

Total Weight: 884.05 lb

COMPANY	ESSO AUSTRALIA PTY. LTD.		
WELL	FLOUNDER A-18a		
FIELD	GIPPSLAND BASIN		
PROVINCE/COUNTY	BASS STRAIT		
COUNTRY/STATE	AUSTRALIA		

Elevation Kelly Bushing		metres	First Reading	2612.03	metres
Elevation Drill Floor	33.85	metres	Depth Driller	2612.90	metres
Elevation Ground Level	-93.00	metres	Depth Logger	2612.76	metres

Reeves	COMPENSATED SONIC
	1:500 TVD