

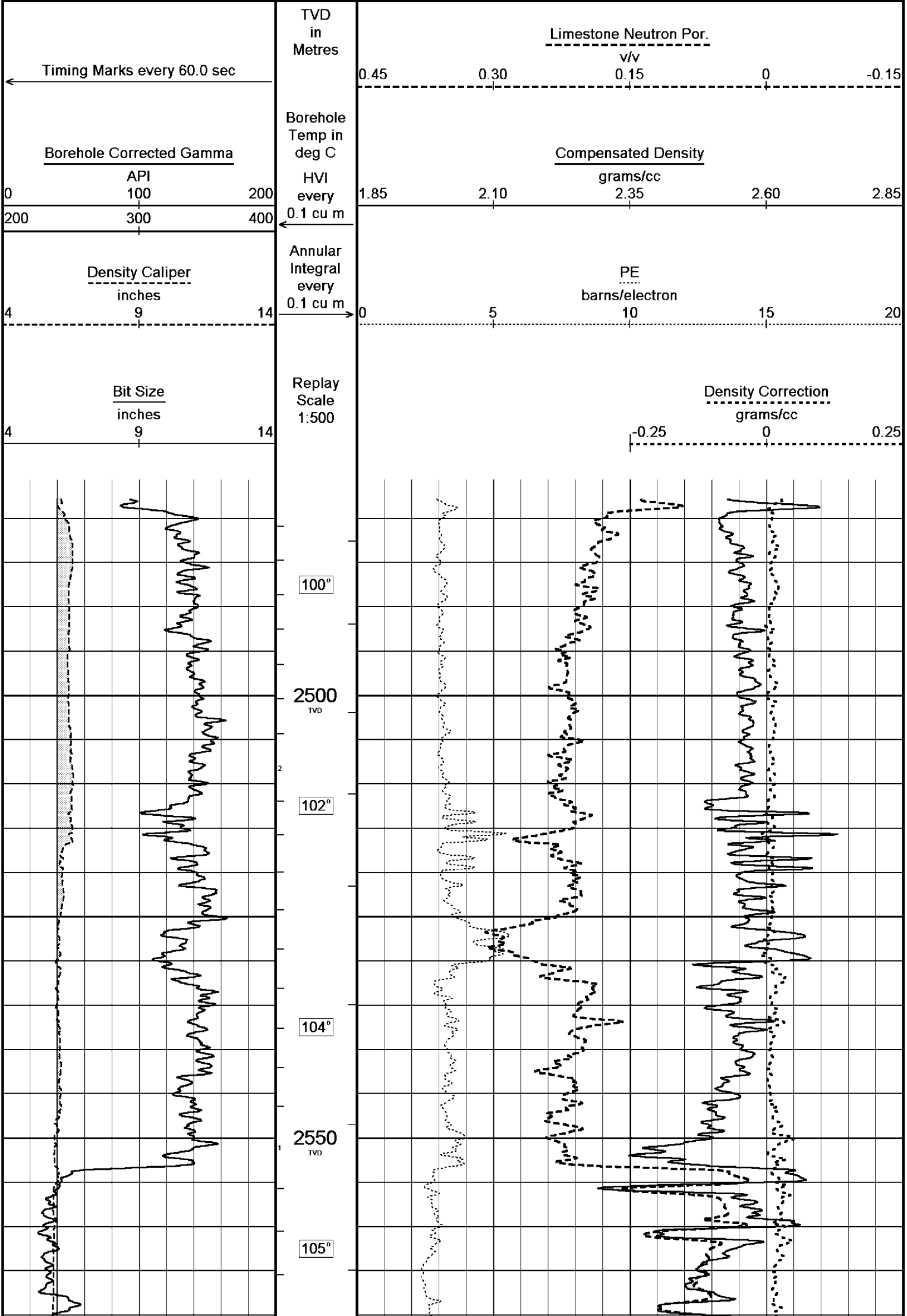
Reeves

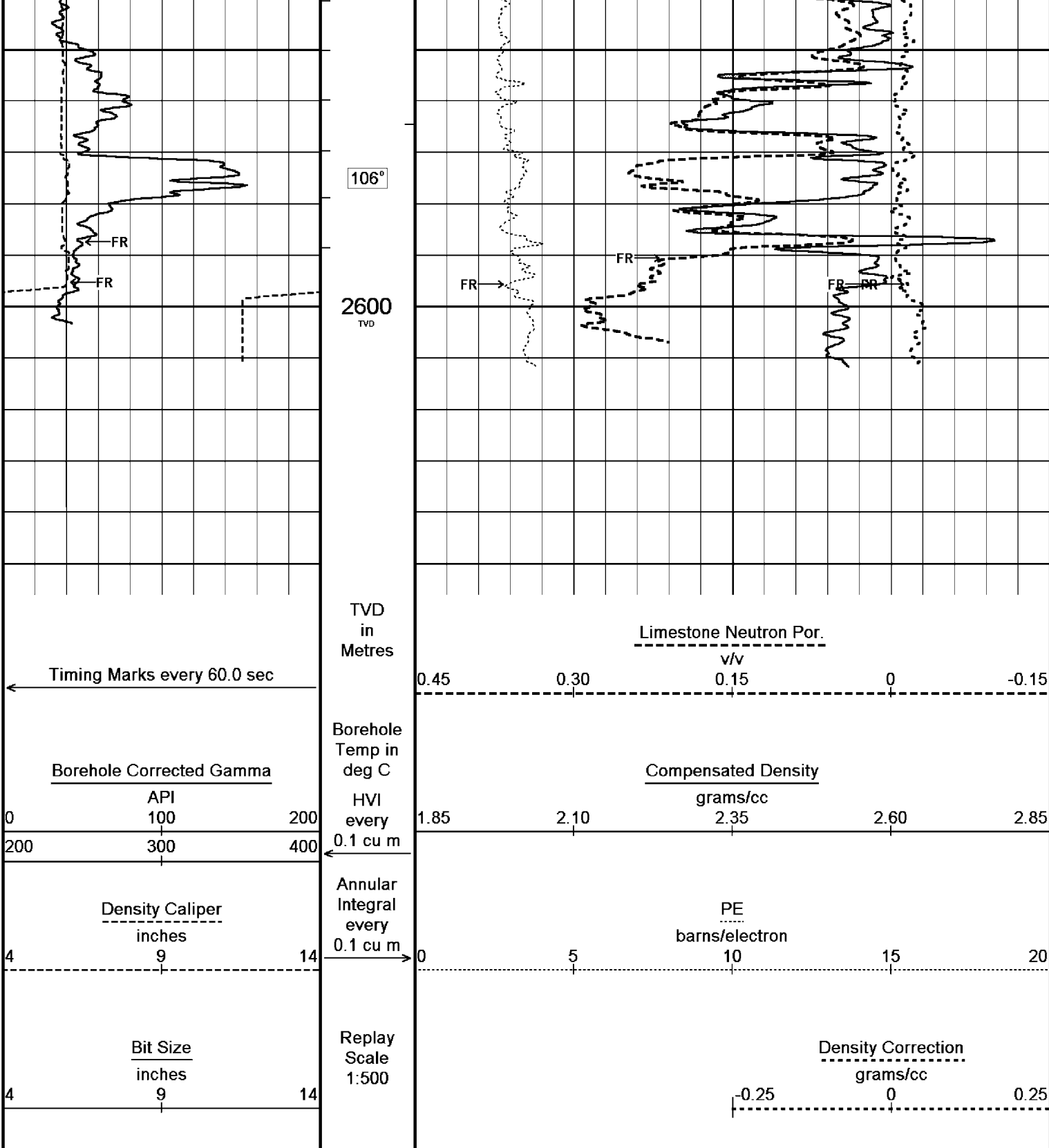
PHOTO DENSITY COMPENSATED NEUTRON 1:500 TVD

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 DUAL LATEROLOG MICRO LATEROLOG COMPENSATED SONIC		
Permit Number			
Permanent Datum MSL	, Elevation 0 metres		
Log Measured From RT@33.85 metres above Permanent Datum			
Drilling Measured From RT			
Date	30-Jun-2003		
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 ohm-m		
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		
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

Plotted on 12-AUG-2003 12:23

Filename: C:\Data\FLA A18a TD\B & W Replay\Mpd\FLA_A18a_Main_Log.dta

Recorded on 30-JUN-2003 14:31

System Configuration Dates: Logged 23-OCT-2002: Plotted 23-OCT-2002:

MAIN LOG 1:500

REPEAT SECTION 1:500

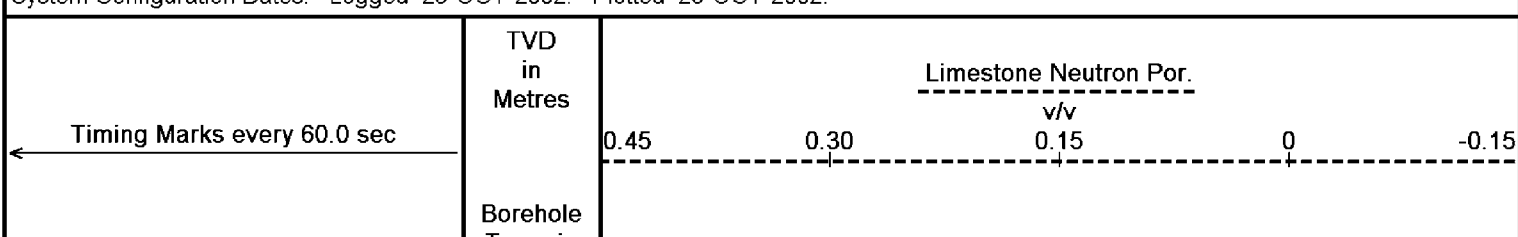
Depth Based Data - Maximum Sampling Increment 10.0cm

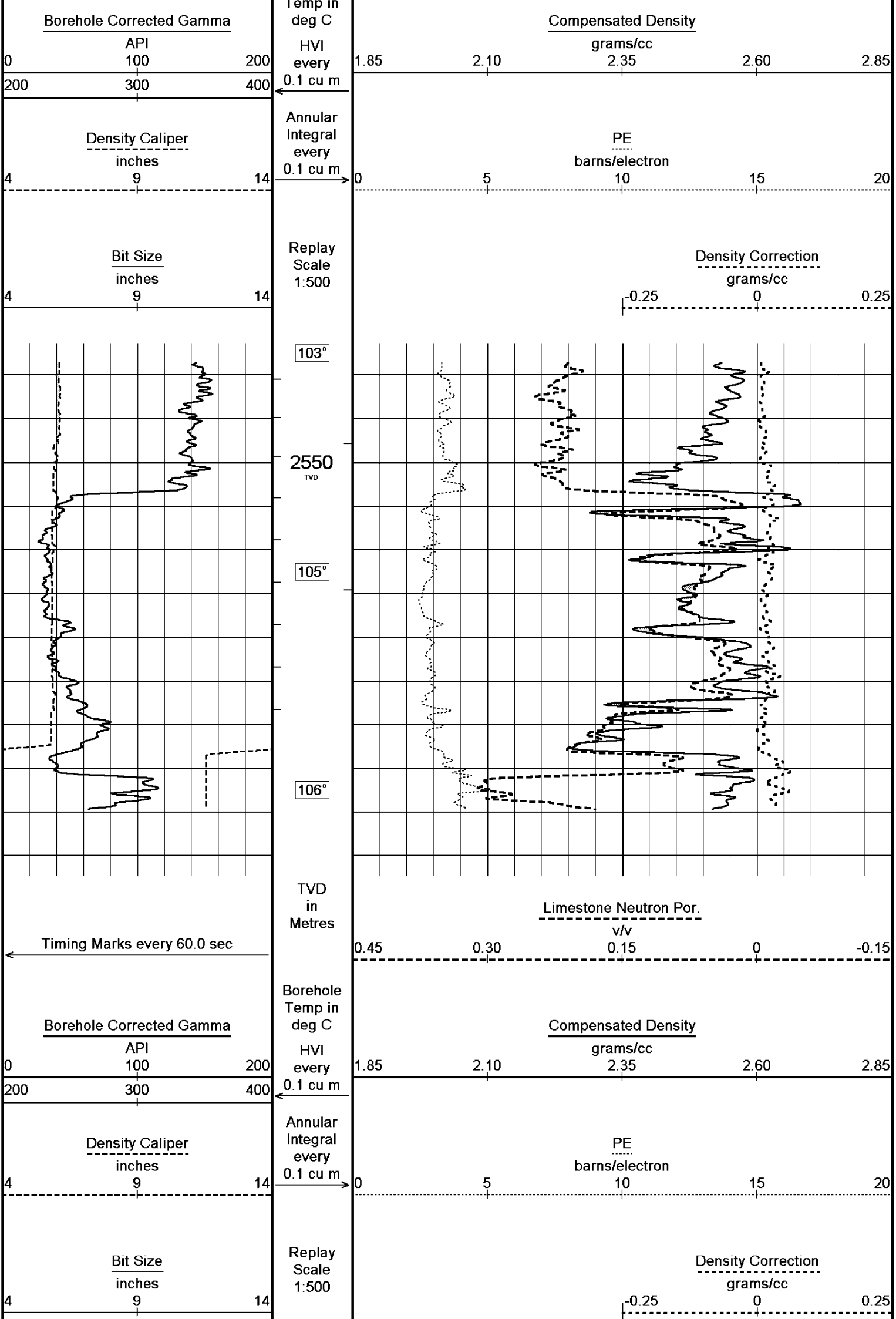
Plotted on 12-AUG-2003 12:23

Filename: C:\Data\FLA A18a TD\B & W Replay\Mpd\FLA_A18a_Repeat.dta

Recorded on 30-JUN-2003 14:04

System Configuration Dates: Logged 23-OCT-2002: Plotted 23-OCT-2002:





Depth Based Data - Maximum Sampling Increment 10.0cm

Plotted on 12-AUG-2003 12:23

Filename: C:\Data\FLA A18a TD\B & W Replay\Mpd\FLA_A18a_Repeat.dta

Recorded on 30-JUN-2003 14:04

System Configuration Dates: Logged 23-OCT-2002: Plotted 23-OCT-2002:



REPEAT SECTION 1:500



BEFORE SURVEY CALIBRATION

C:\Data\FLA A18a TD\B & W Replay\Mpd\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

Field Calibration on 28-MAR-2003,17:35

	Measured	Calibrated(Deg C)
Lower	0.00	0.00
Upper	100.00	100.00

High Resolution Temperature Constants MCG 044

Pre-filter Length	11
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Gamma Calibration MCG 044

Field Calibration on 26-JUN-2003 23:43

	Measured	Calibrated (API)
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

Neutron Calibration MDN 068

Base Calibration on 30-MAY-2003 09:57

Field Check on 27-JUN-2003 01:03

Base Calibration

	Measured		Calibrated (cps)	
	Near	Far	Near	Far
	2738	85	3714	110
Ratio	32.377		33.764	

Field Calibrator at Base

	Calibrated (cps)
	1911 2814
Ratio	0.679

Field Check

	Calibrated (cps)
	1878 2717
Ratio	0.691

Neutron Constants MDN 068

Neutron Source Id	724
Neutron Jig Number	52
Epithermal Neutron	No
Caliper Source for Processing	Density Caliper

Caliper Calibration MPD 067	Base Calibration on 30-JUN-2003,13:57 Field Calibration on 30-JUN-2003,13:58
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Photo Density Calibration MPD 067	Base Calibration on 6-MAY-2003 15:04 Field Check on 27-JUN-2003 01:09
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[illegible]Density Constants MPD 067

Matrix Density (gm/cc)	Depth (m)
2.71	0.00
0.00	0.00
0.00	0.00
0.00	0.00
0.00	0.00
0.00	0.00

0.00
0.00
0.00

0.00
0.00

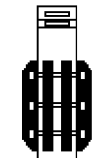
DOWNHOLE EQUIPMENT
All measurements relative to tool zero.

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



27.65 m SPDL - Spontaneous Potential

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

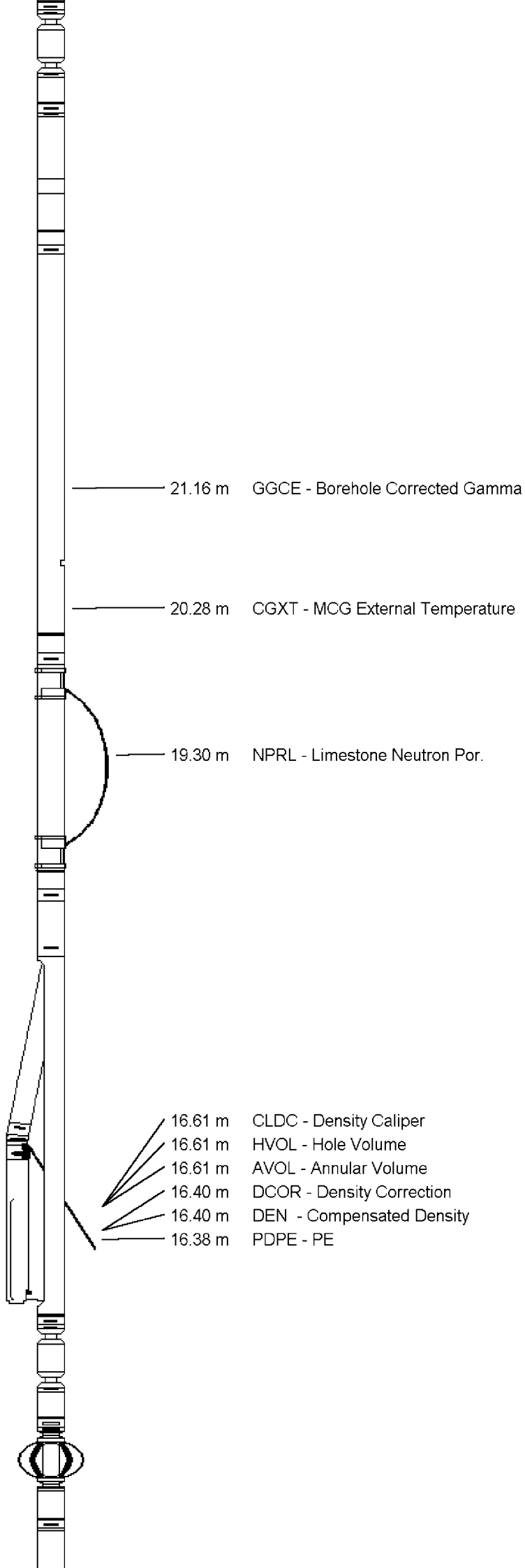
Compact Neutron
MDN 68 Length: 1.53 m Weight: 50.71 lb

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



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

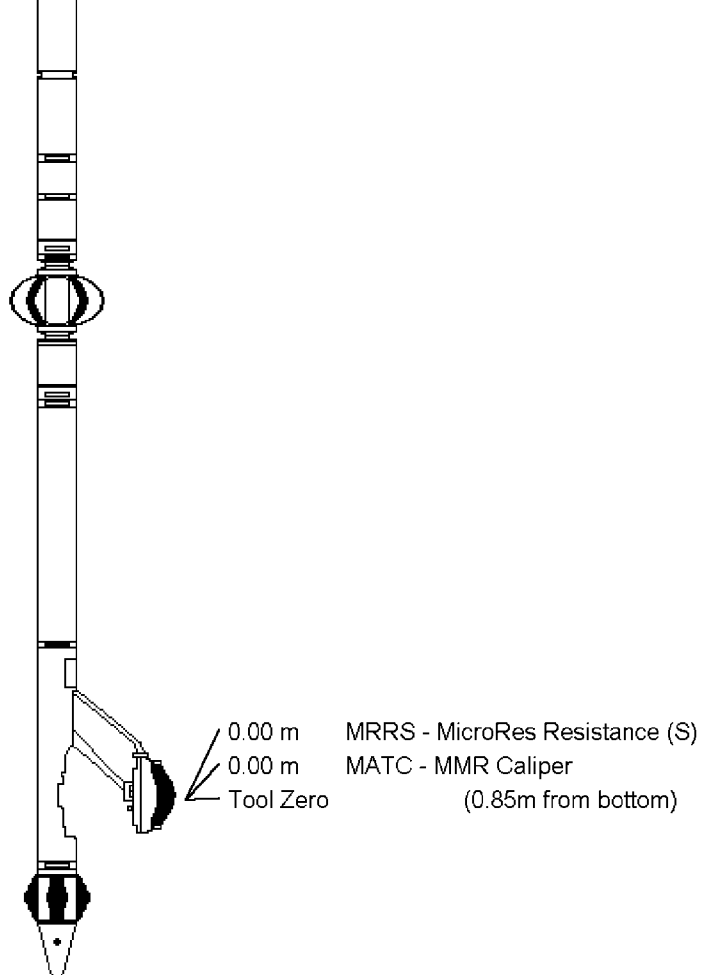
Compact Inline Standoff B
MIS 76 Length: 0.65 m Weight: 15.43 lb

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

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

PHOTO DENSITY
COMPENSATED NEUTRON
1:500 TVD

Reeves