PRECISION ENERGY SERVICES
VECTAR

COMPENSATED NEUTRON PHOTO DENSITY
1:200

COMPANY	KAROON GAS PTY. LTD.
WELL	MEGASCOLIDES-1 RE ST1
FIELD	WILDCAT
PROVINCE/COUNTY	VICTORIA
COUNTRY/STATE	AUSTRALIA
LOCATION	145°, 52', 55.443"E, -38°, 13', 52.064"S

COMPACT
FINAL PRINT

LSD	SEC	TWP	RGE

Other Services
FORMATION TESTER
TEMPERATURE LOG

API Number
Permit Number PEP162

Permanent Datum M.S.L , Elevation 0 metres
Log Measured From R.T. @ 125.2M above Permanent Datum
Drilling Measured From R.T.

Elevations:

KB	125.20	metres
DF	124.90	metres
GL	120.00	metres

Date	27-DEC-2006			
Run Number	TWO			
Depth Driller	1980.00	metres		
Depth Logger	1974.55	metres		
First Reading	1973.70	metres		
Last Reading	1585.00	metres		
Casing Driller	504.00	metres		
Casing Logger				
Bit Size	8.50	inches		
Hole Fluid Type	KCL POLYMER			
Density / Viscosity	1.08 g/c3	20.00 CP		
PH / Fluid Loss	9.80	6.40 ml/30Min		
Sample Source	FLOWLINE			
Rm @ Measured Temp	0.269 @ 25.0	ohm-m		
Rmf @ Measured Temp	0.241 @ 25.0	ohm-m		
Rmc @ Measured Temp	0.296 @ 25.0	ohm-m		
Source Rmf / Rmc	FILTER	PRESS		
Rm @ BHT	0.127 @ 77.0	ohm-m		
Time Since Circulation	10.5 HRS			
Max Recorded Temp	77.00	deg C		
Equipment Name	SCOMBO / MFT			
Equipment / Base	2	SALE		
Recorded By	E. MANN			
Witnessed By	D. HORNER			
Circ. Stop	1700 26/12			

BOREHOLE RECORD

Last Edited: 4-JAN-2007 09:07

Bit Size inches	Depth From metres	Depth To metres
8.500	504.00	1980.00

CASING RECORD

Type	Size inches	Depth From metres	Shoe Depth metres	Weight pounds/ft
SURFACE	9.625	0.00	504.00	36.00

REMARKS

DEPTH CORRELATED WITH SCHLUMBERGER LOG RUN ONE, RECORDED ON 18 DECEMBER 2004.

1) SOFTWARE ISSUE: JUN 17, 2004.
2) CUSTOMER SCALES AND INTERVALS LOGGED.
3) HFS, MMR, MLE, MUG, MSS, MPD, MDN, MCG, MBE, MBE RAN IN COMBINATION.
4) HARDWARE:
MMR - 2 x 2" STANDOFFS
MUG- 1 x 2" STANDOFF
MSS - 2 x 1", 1 x 2" STANDOFFS
MDN - DUAL BOWSPRING
MBE - 1 x 1" STANDOFF
MBE - 1 x 1" STANDOFF

5) MPD CORRECTED FOR BOREHOLE SIZE AND MUD DENSITY.
6) MDN CORRECTED FOR BOREHOLE SIZE, MUD DENSITY, AND SALINITY.

7) SERVICE ORDER: 3052
8) RIG: CENTURY RESOURCES #11.

9) UNITJ FACTOR = 0.8441.

10) PULLED 800 LB OVERPULL ON REPEAT PASS AT 1855M. CLIENT ADVISED TO RIH AND LOG MAIN PASS.

MAIN PASS 1: 200

Depth Based Data - Maximum Sampling Increment 10.0cm
Plotted on 13-JUN-2007 11:14
Filename: C:\DOCUME~1\EDMANN~1\LOCALS~1\Temp\Precision PreView\MAIN_PASS.dta
Recorded on 27-DEC-2006 04:16
System Versions: Logged 17-JUN-2004 Processed 17-JUN-2004 Plotted with 7.01.0194

Timing Marks
every 60.0 sec

Borehole Corrected Gamma
API
0 100 200
200 300 400

Density Caliper
inches
6 11 16

Bit Size
inches
6 11 16

Depth in Metres

Borehole Temp in deg C

SMTU
0 3000

Replay Scale 1:200

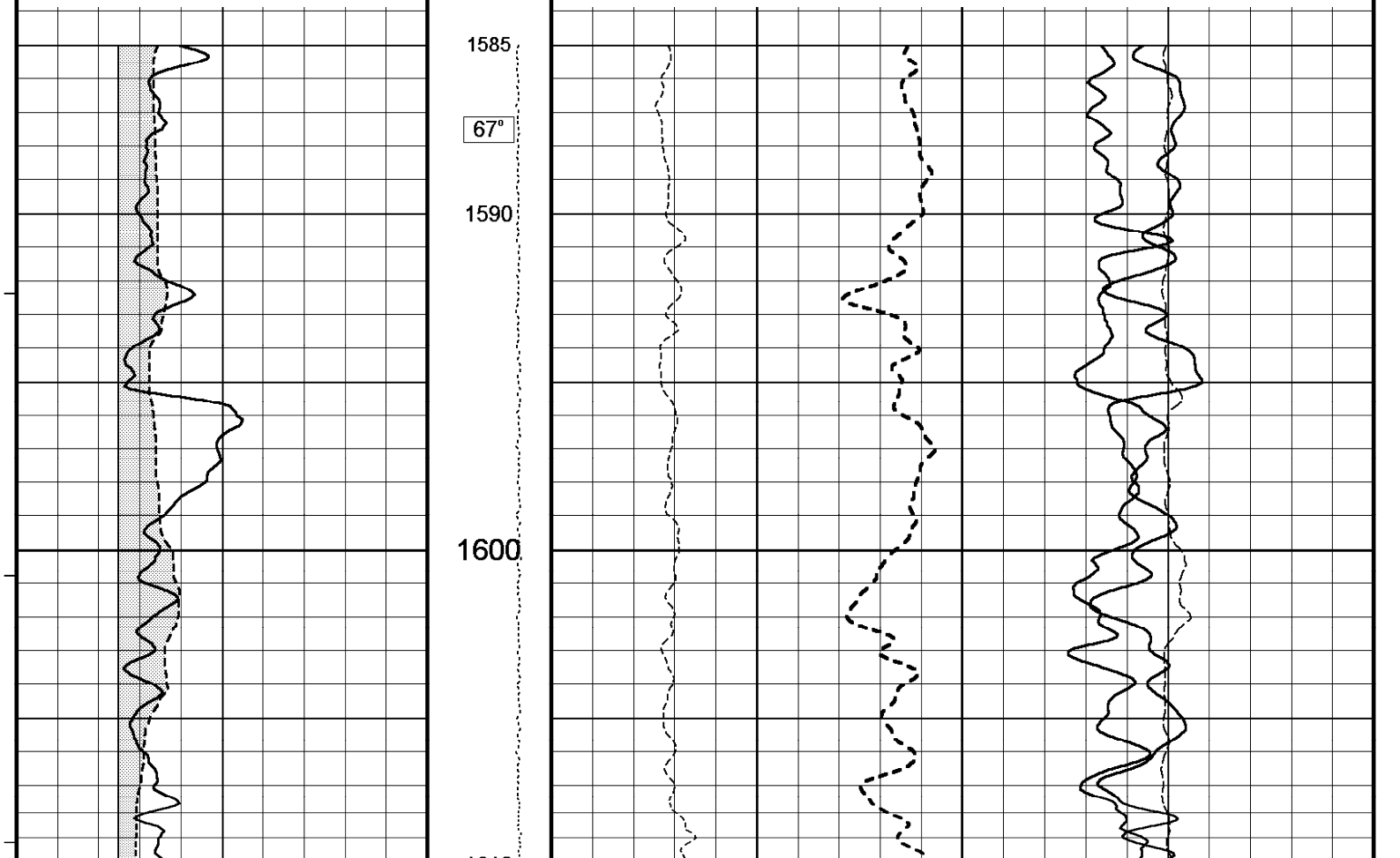
Limestone Neutron Por.
v/v
45 30 15 0 -15

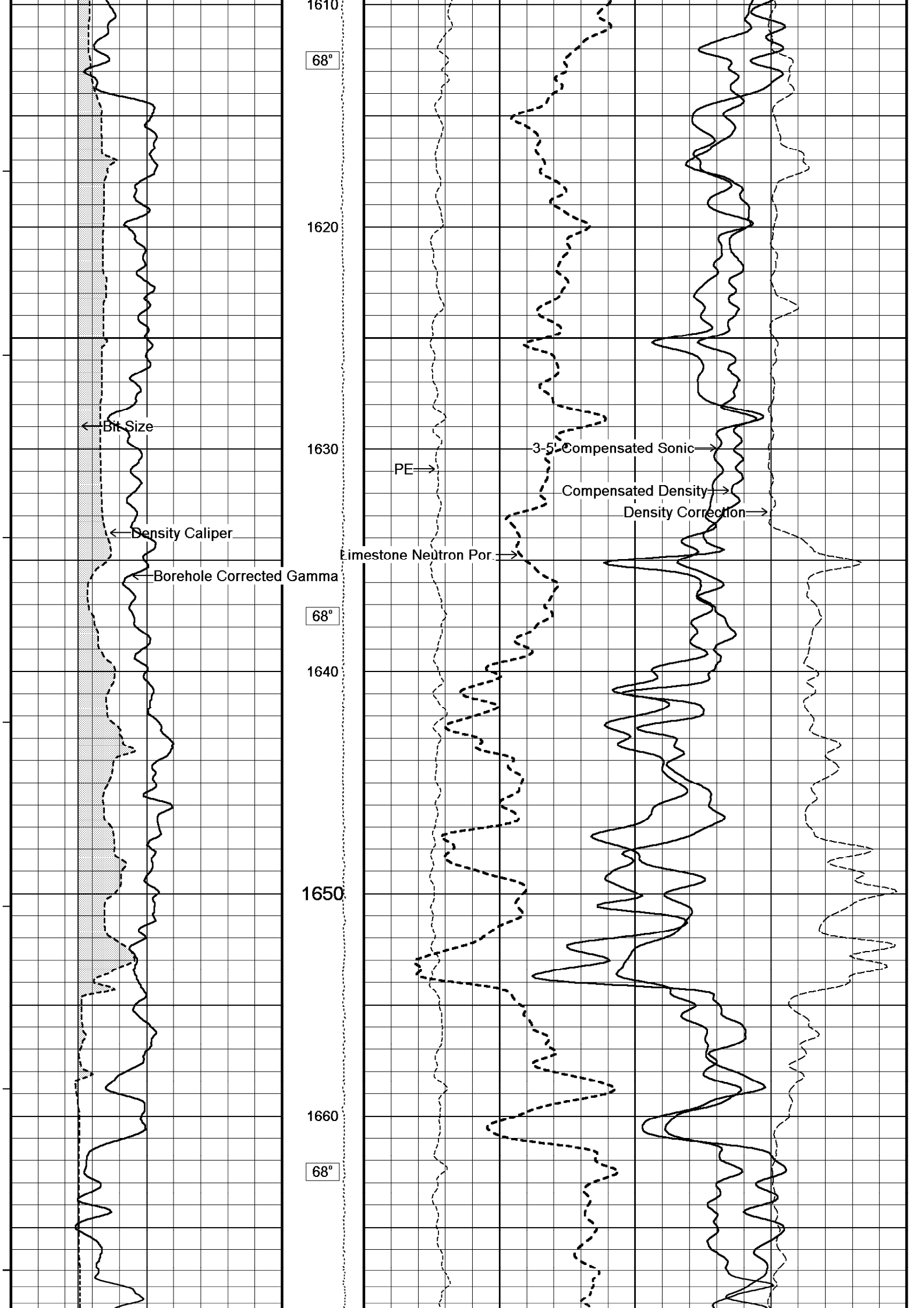
Compensated Density
grams/cc
1.85 2.10 2.35 2.60 2.85

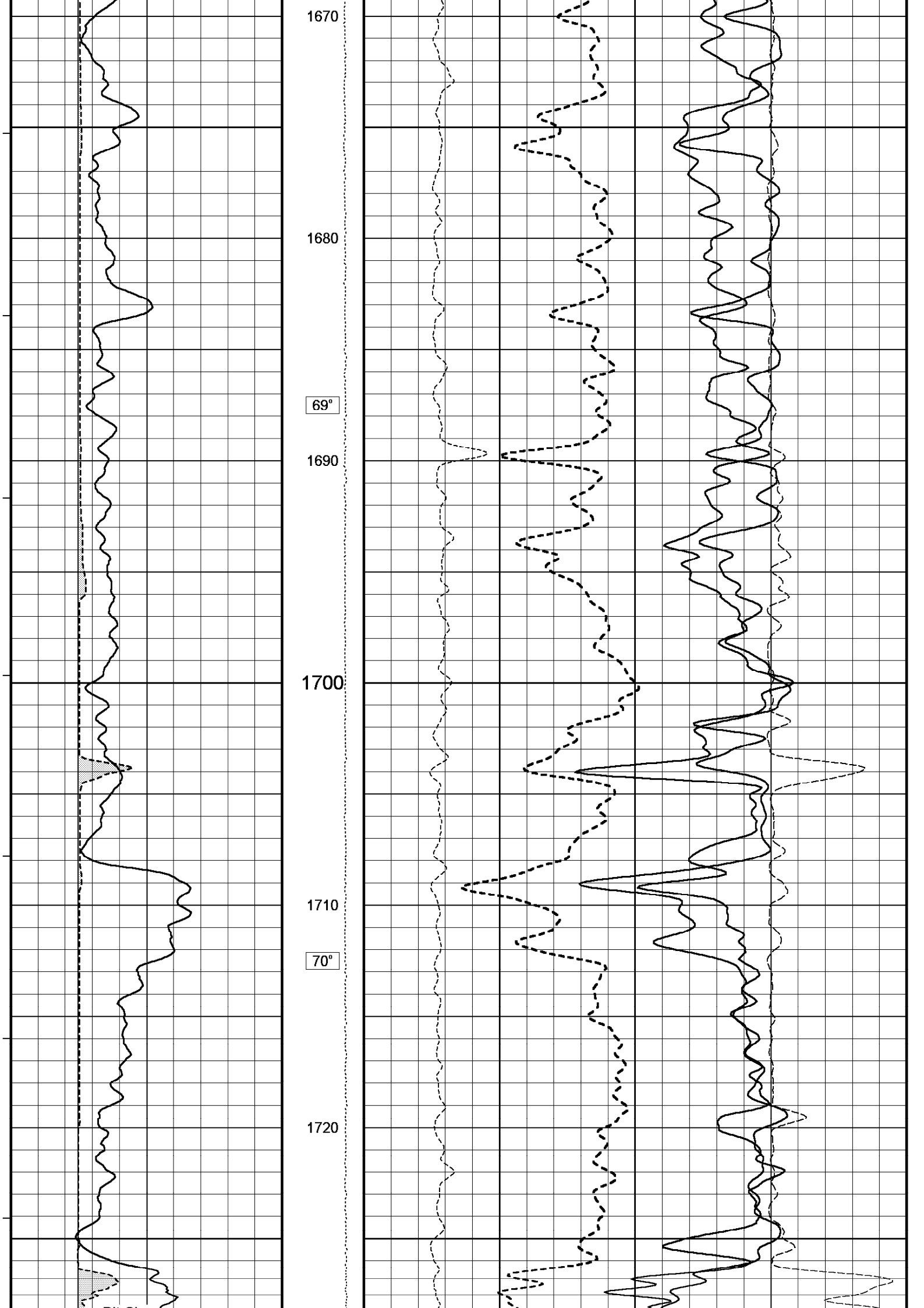
PE
barns/electron
0 5 10 15 20

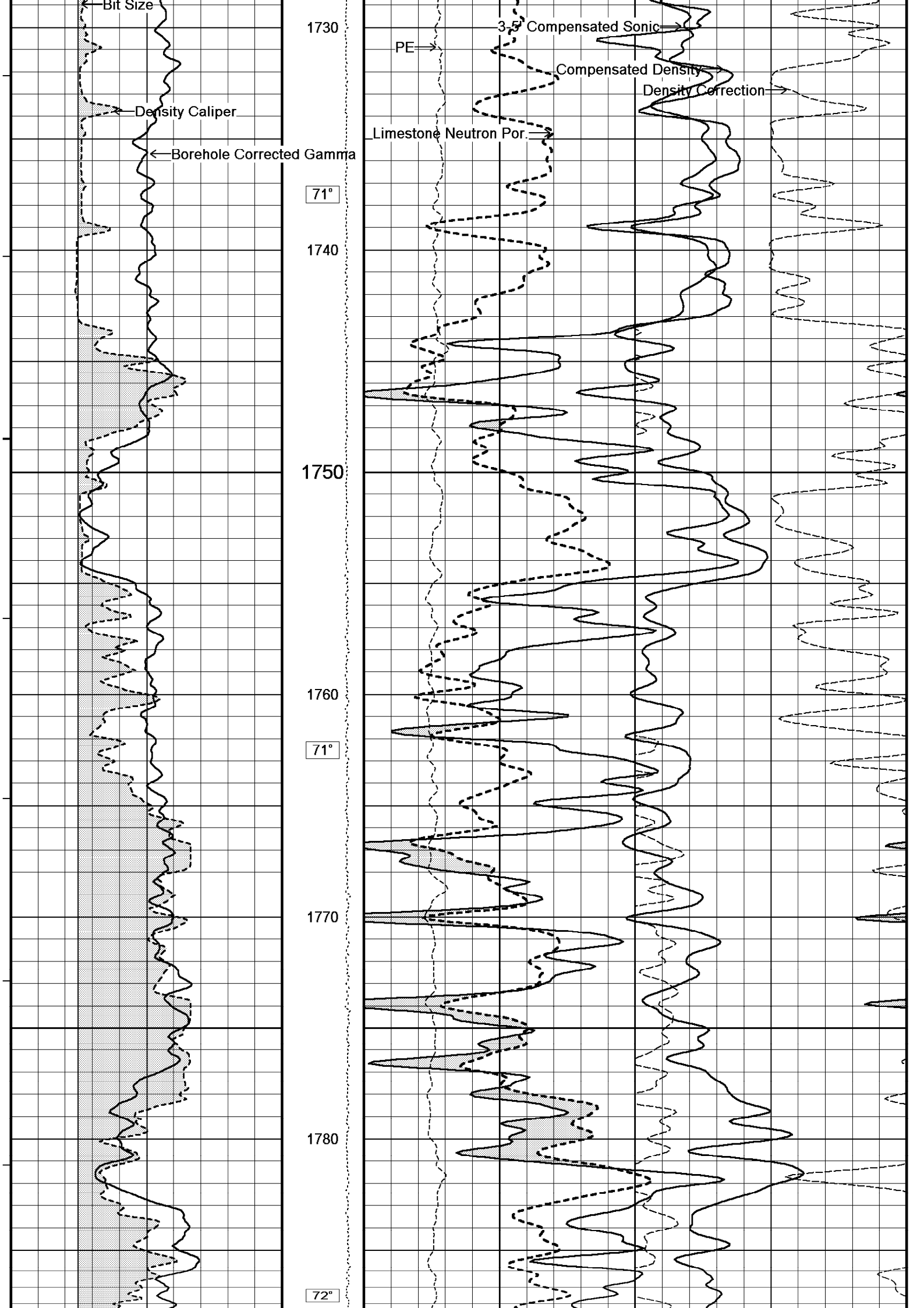
3-5' Compensated Sonic
microsec/foot
140 115 90 65 40

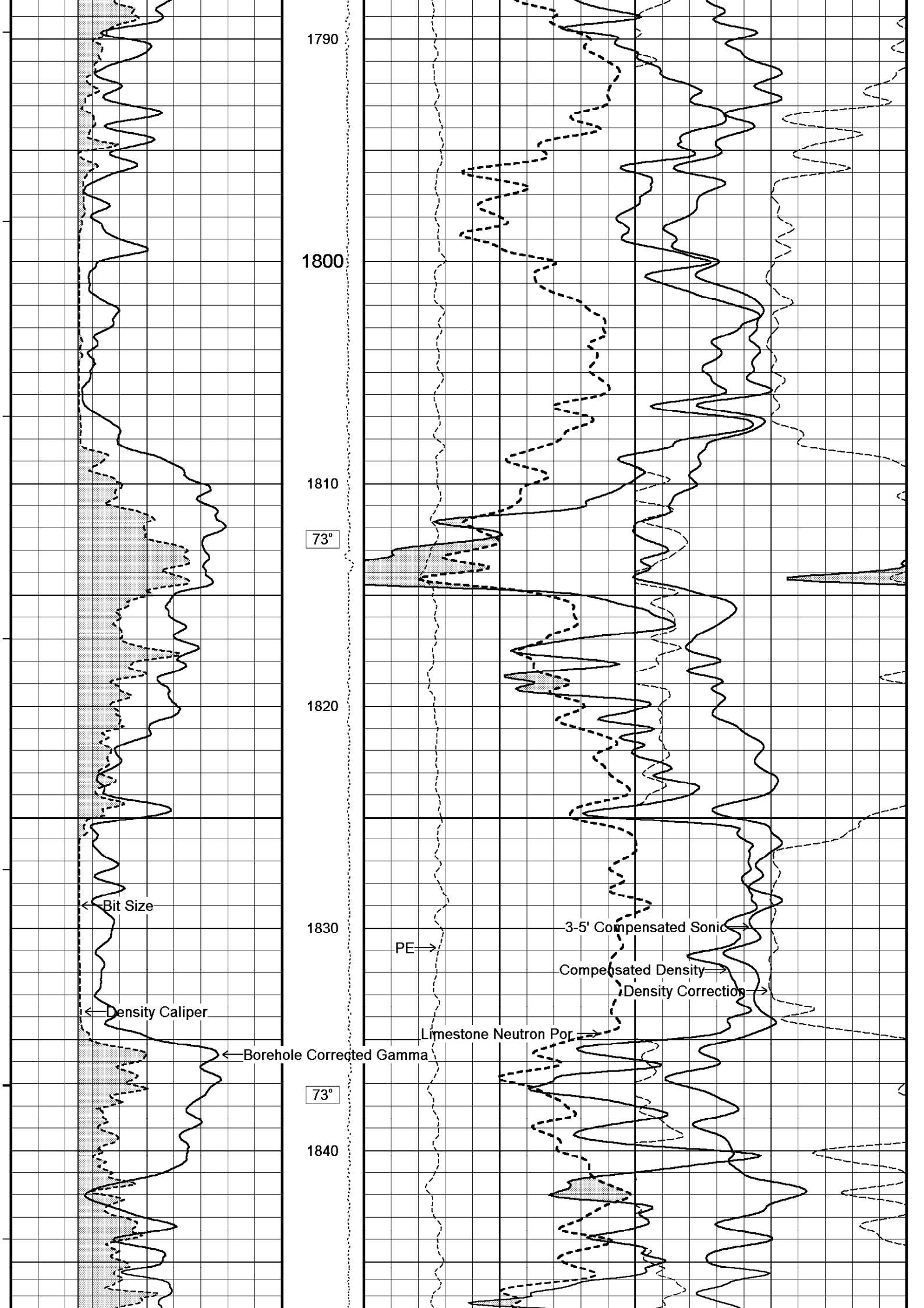
Density Correction
grams/cc
-0.25 0 0.25

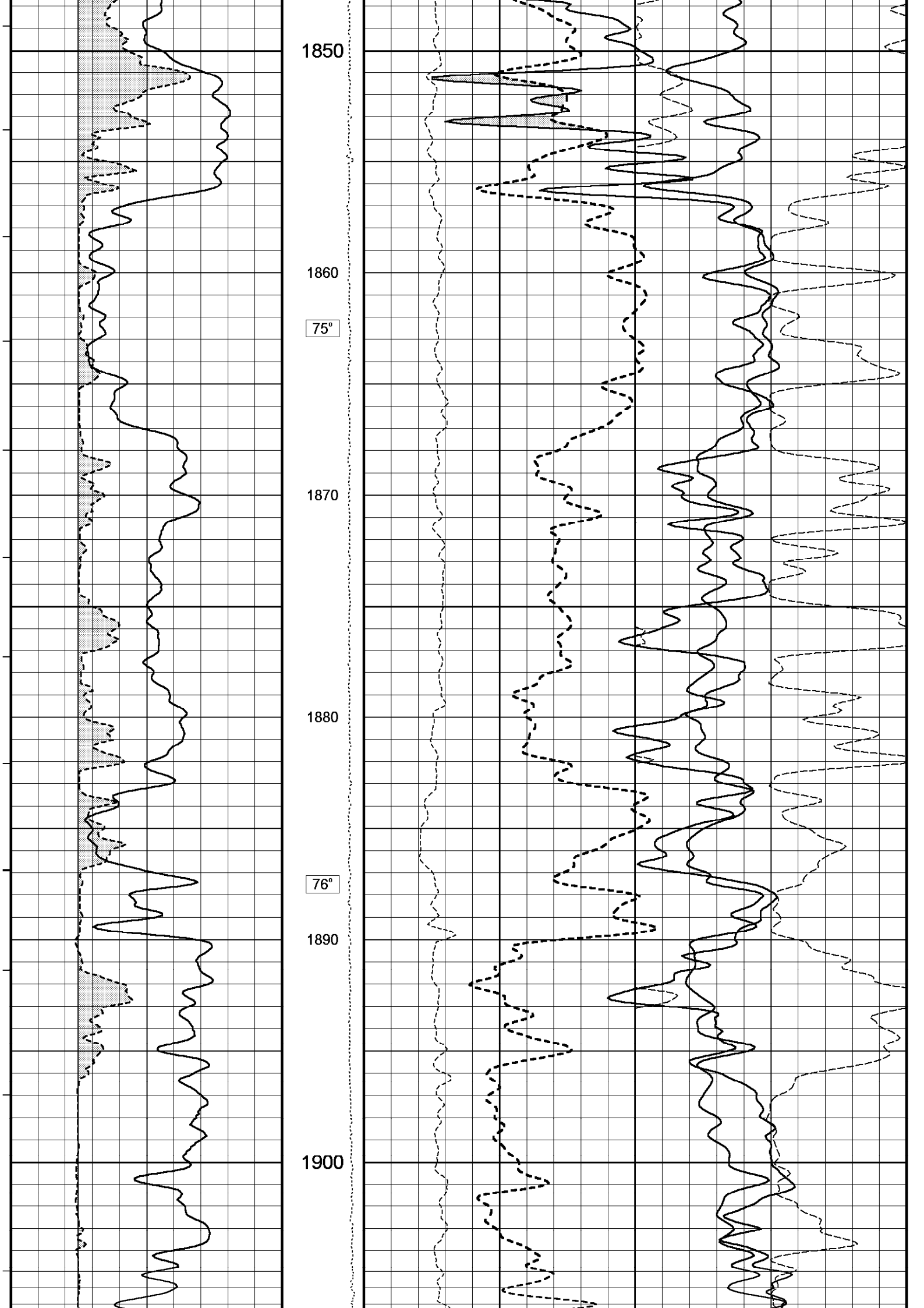


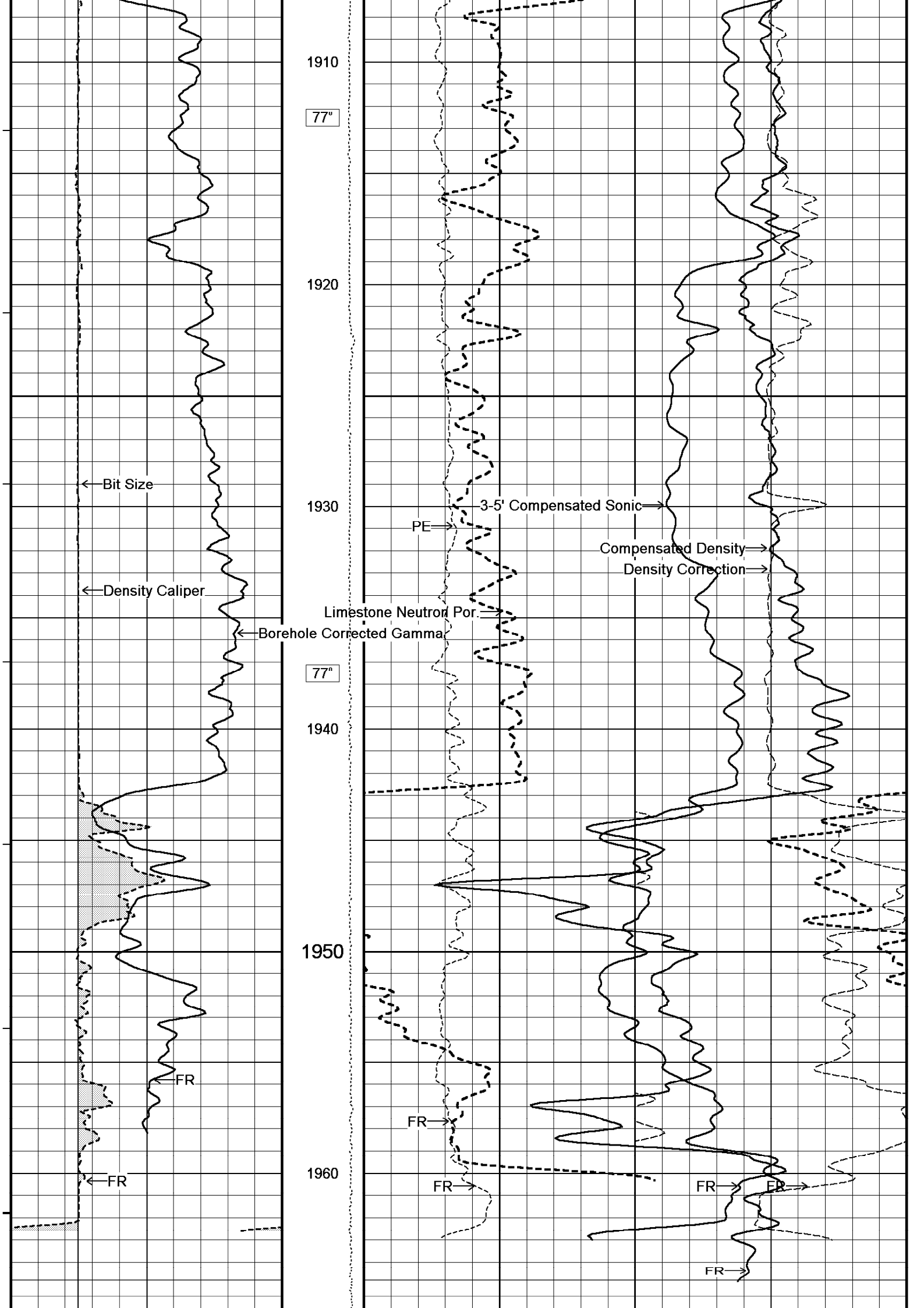

1610
68°
1620
Bit Size
1630
3-5' Compensated Sonic
PE
Compensated Density
Density Correction
Density Caliper
Limestone Neutron Por
Borehole Corrected Gamma
68°
1640
1650
1660
68°

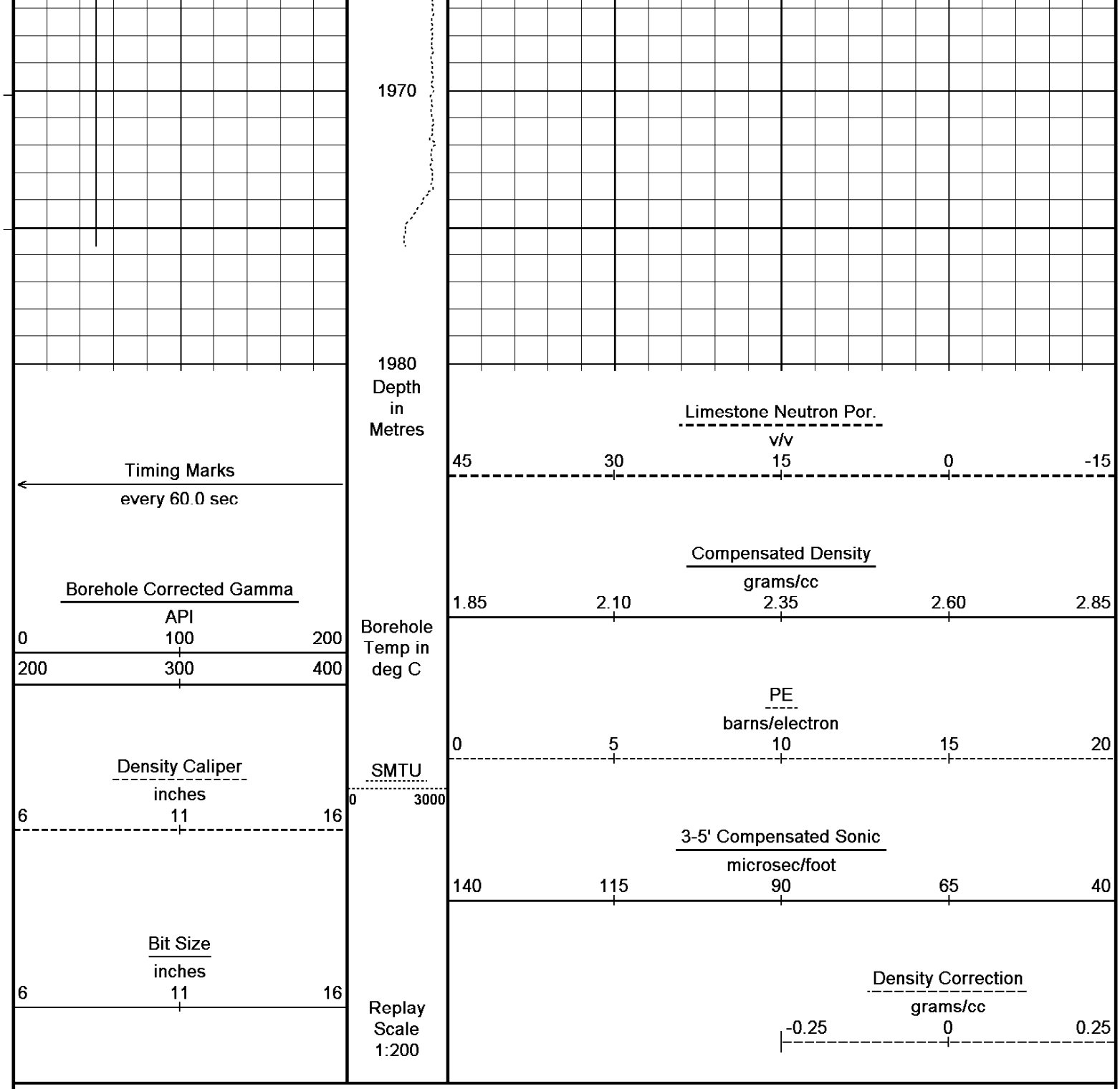

1670
1680
69°
1690
1700
1710
70°
1720


Bit Size
Density Caliper
Borehole Corrected Gamma
1730
71°
1740
1750
1760
71°
1770
1780
72°
3-5' Compensated Sonic
PE
Compensated Density
Density Correction
Limestone Neutron Por.


1790
1800
1810
73°
1820
1830
73°
1840
Bit Size
Density Caliper
Borehole Corrected Gamma
PE
3-5' Compensated Sonic
Compensated Density
Density Correction
Limestone Neutron Por


1850
1860
75°
1870
1880
76°
1890
1900


1910
77"
1920
1930
1940
1950
1960
77"
Bit Size
Density Caliper
Borehole Corrected Gamma
FR
FR
3-5' Compensated Sonic
PE
Compensated Density
Density Correction
Limestone Neutron Por.
FR
FR
FR
FR
FR

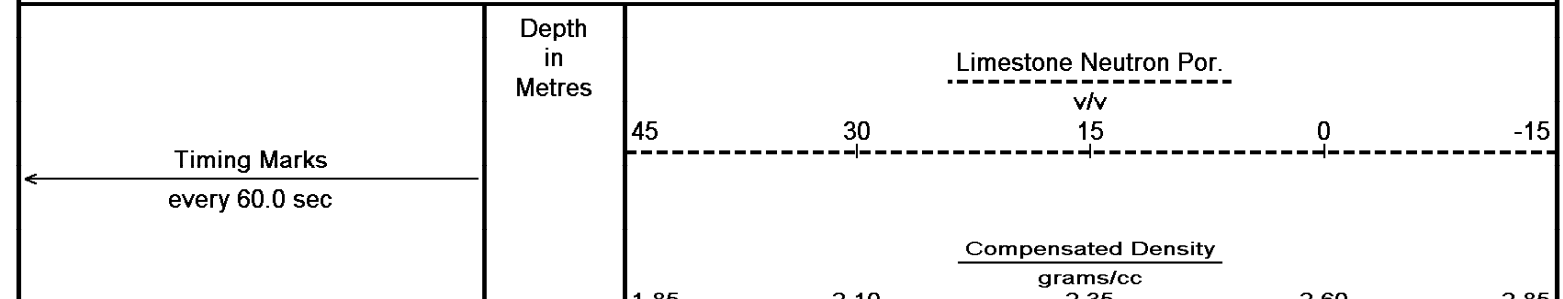


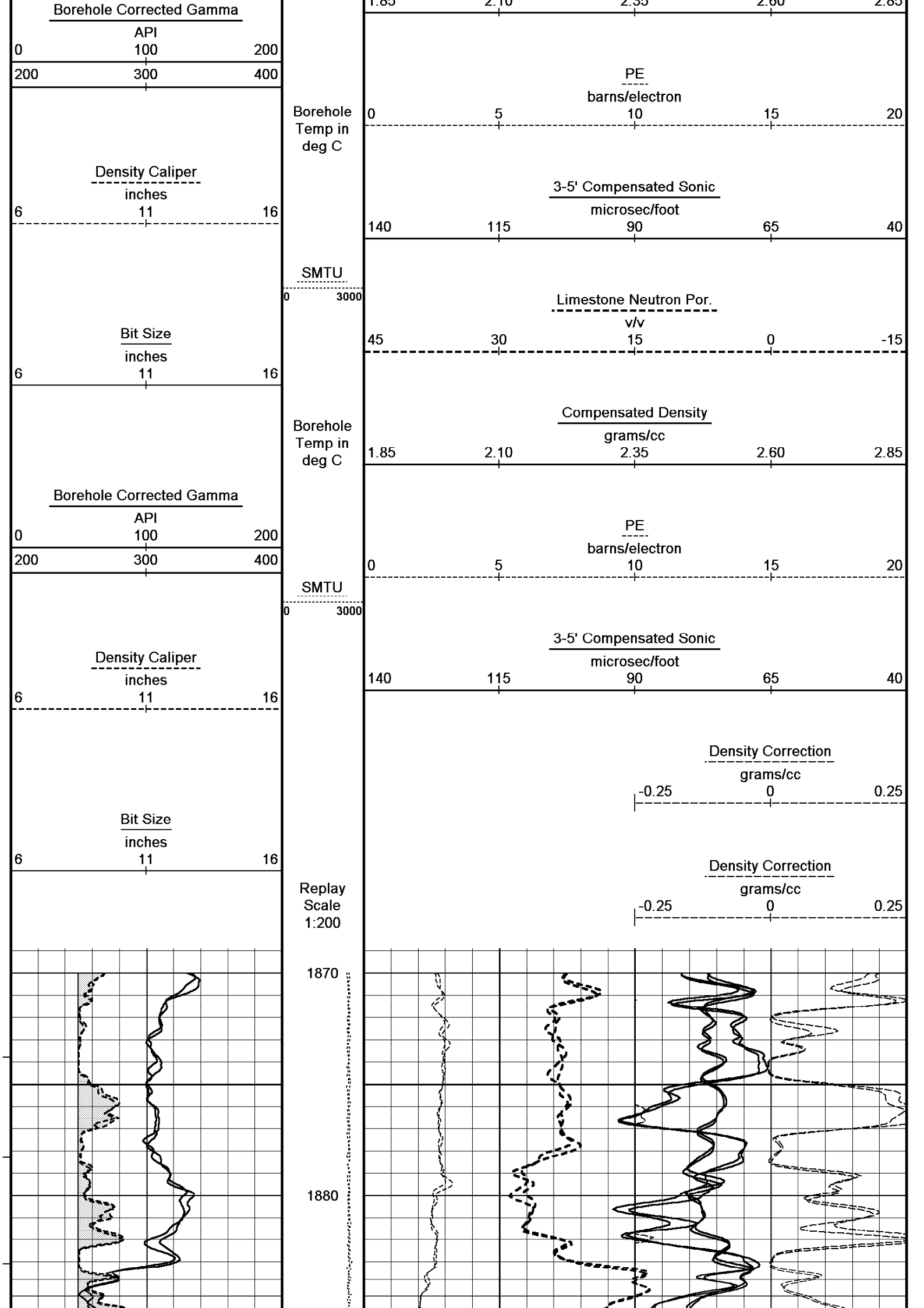
Depth Based Data - Maximum Sampling Increment 10.0cm
Plotted on 13-JUN-2007 11:14
Filename: C:\DOCUME~1\EDMANN~1\LOCALS~1\Temp\Precision PreView\MAIN_PASS.dta
Recorded on 27-DEC-2006 04:16
System Versions: Logged 17-JUN-2004 Processed 17-JUN-2004 Plotted with 7.01.0194

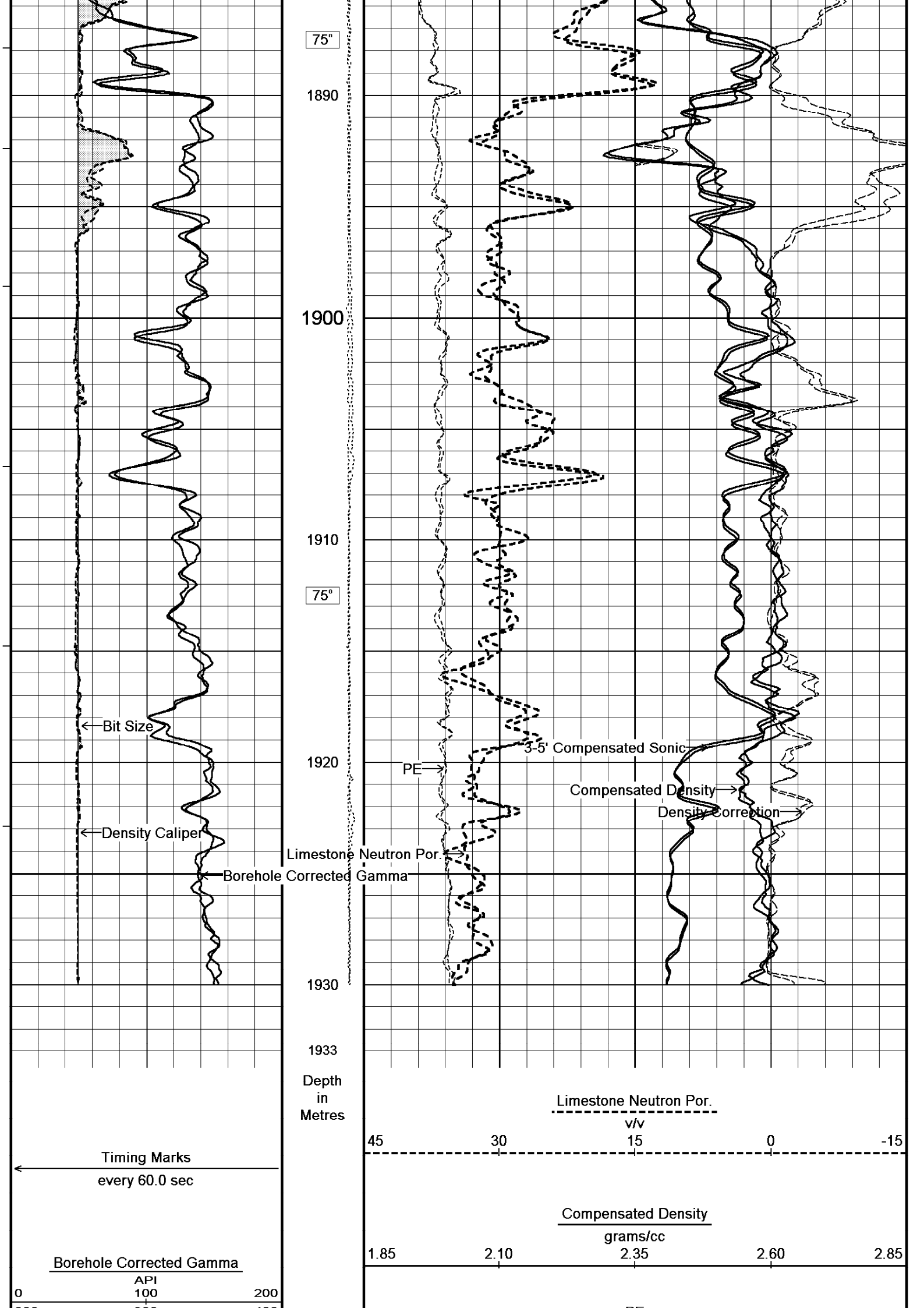
MAIN PASS 1: 200

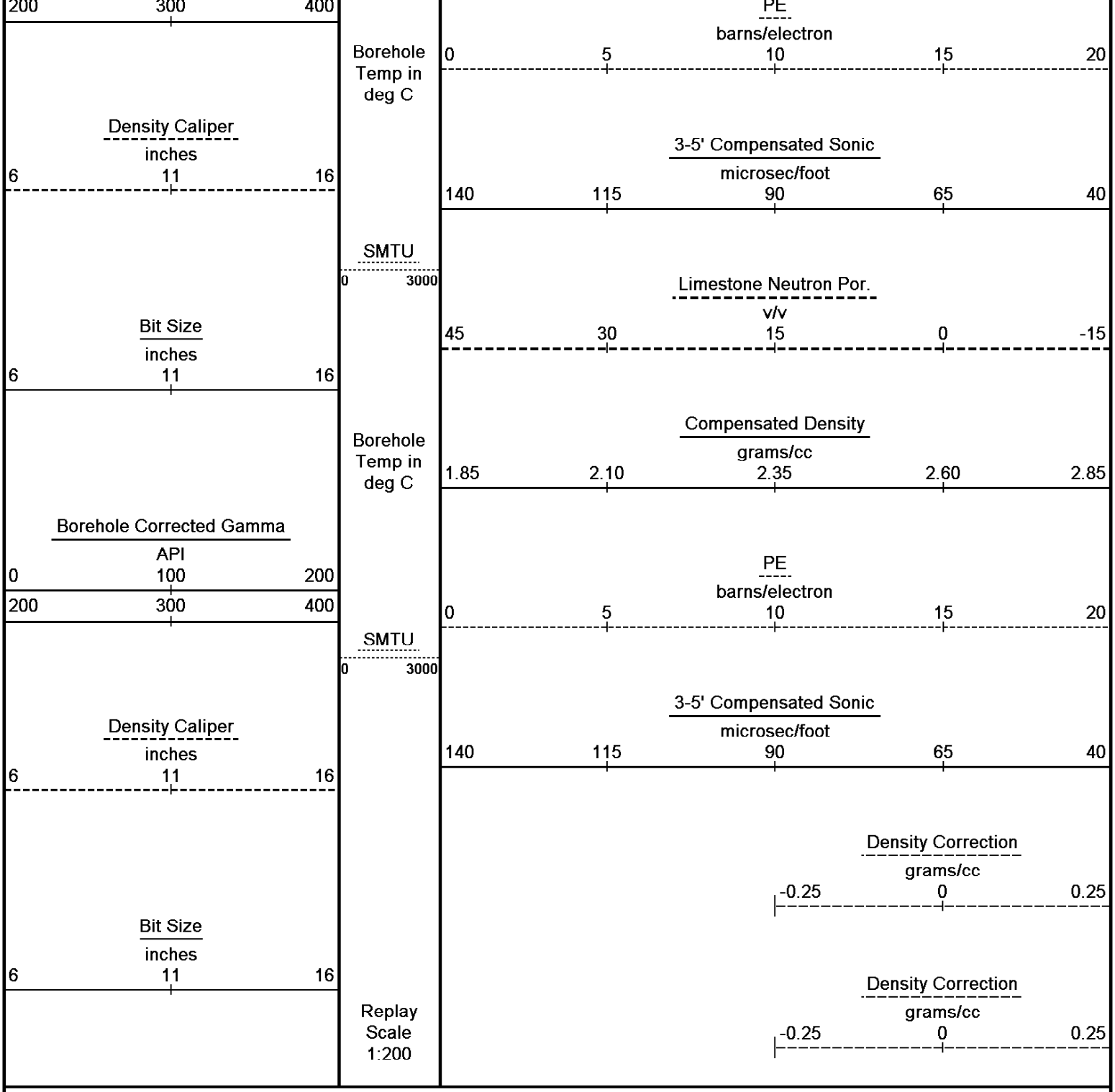
REPEAT SECTION 1: 200
MAIN PASS 1: 200

Depth Based Data - Maximum Sampling Increment 10.0cm
Plotted on 13-JUN-2007 11:14
Filename: C:\DOCUME~1\EDMANN~1\LOCALS~1\Temp\Precision PreView\REPEAT_SECTION.dta
Recorded on 27-DEC-2006 03:33
Filename: C:\DOCUME~1\EDMANN~1\LOCALS~1\Temp\Precision PreView\MAIN_PASS.dta
Recorded on 27-DEC-2006 04:16
System Versions: Logged 17-JUN-2004 Processed 17-JUN-2004 Plotted with 7.01.0194




Borehole Corrected Gamma
API
0 100 200
200 300 400
Density Caliper
inches
6 11 16
Bit Size
inches
6 11 16
Borehole Corrected Gamma
API
0 100 200
200 300 400
Density Caliper
inches
6 11 16
Bit Size
inches
6 11 16
Borehole Temp in deg C
SMTU
0 3000
Borehole Temp in deg C
SMTU
0 3000
Replay Scale 1:200
1.85 2.10 2.35 2.60 2.85
PE
barns/electron
0 5 10 15 20
3-5' Compensated Sonic
microsec/foot
140 115 90 65 40
Limestone Neutron Por.
v/v
45 30 15 0 -15
Compensated Density
grams/cc
1.85 2.10 2.35 2.60 2.85
PE
barns/electron
0 5 10 15 20
3-5' Compensated Sonic
microsec/foot
140 115 90 65 40
Density Correction
grams/cc
-0.25 0 0.25
Density Correction
grams/cc
-0.25 0 0.25
1870
1880


75°
1890
1900
1910
75°
1920
1930
1933
Depth
in
Metres
Bit Size
Density Caliper
Borehole Corrected Gamma
Limestone Neutron Por.
PE
3-5' Compensated Sonic
Compensated Density
Density Correction
Timing Marks
every 60.0 sec
Borehole Corrected Gamma
API
0
100
200
Limestone Neutron Por.
v/v
45
30
15
0
-15
Compensated Density
grams/cc
1.85
2.10
2.35
2.60
2.85

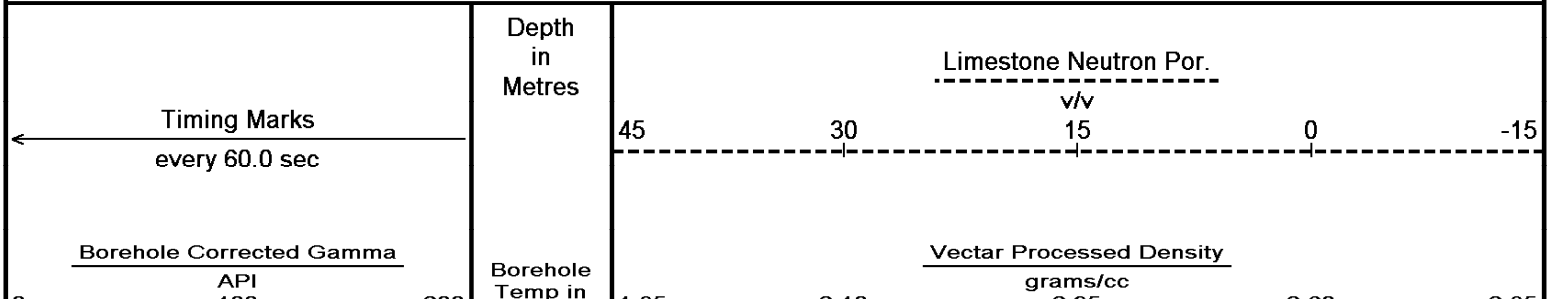


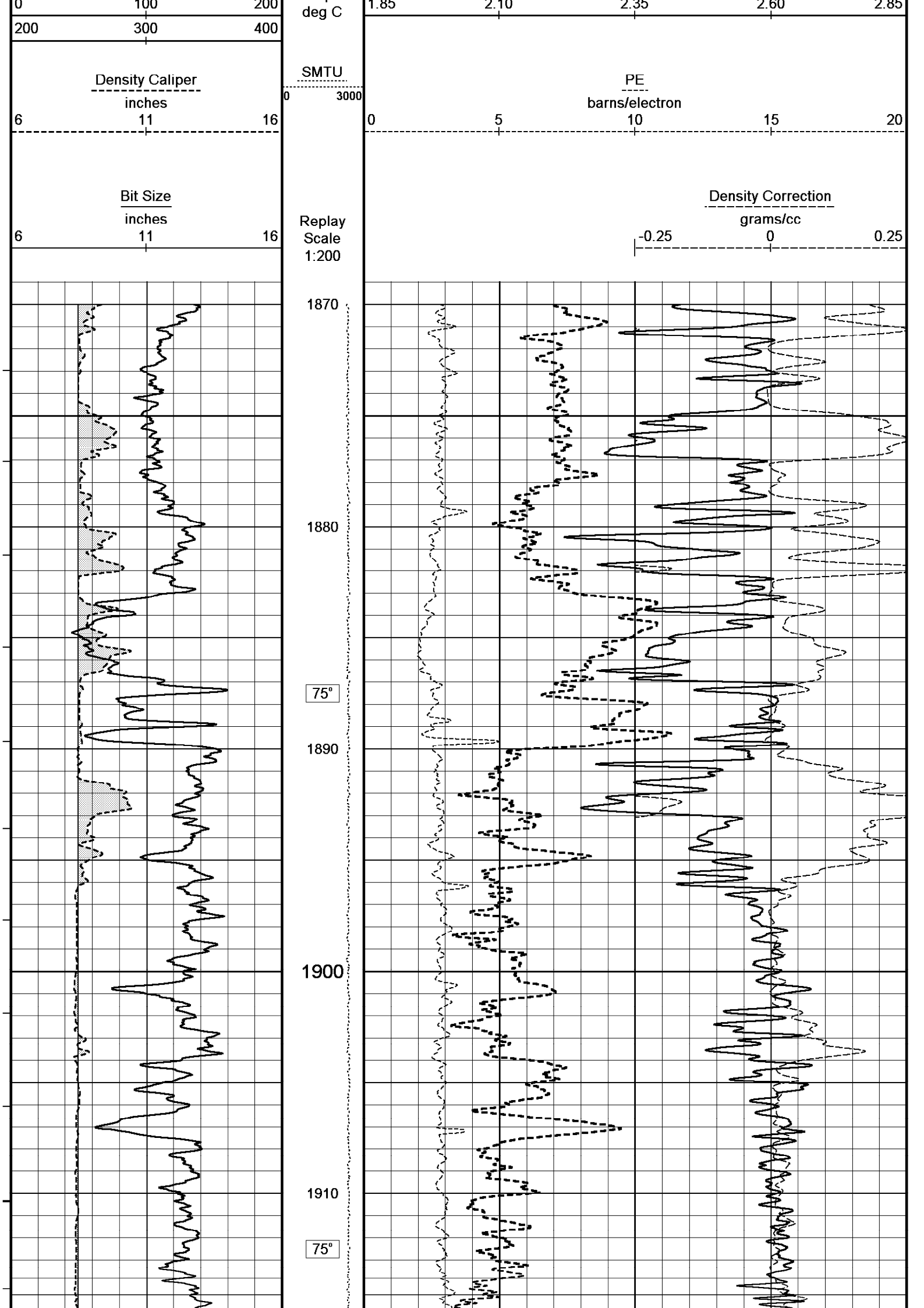
Depth Based Data - Maximum Sampling Increment 10.0cm — Plotted on 13-JUN-2007 11:14
Filename: C:\DOCUME~1\EDMANN~1\LOCALS~1\Temp\Precision PreView\REPEAT_SECTION.dta — Recorded on 27-DEC-2006 03:33
Filename: C:\DOCUME~1\EDMANN~1\LOCALS~1\Temp\Precision PreView\MAIN_PASS.dta — Recorded on 27-DEC-2006 04:16
System Versions: Logged 17-JUN-2004 Processed 17-JUN-2004 Plotted with 7.01.0194

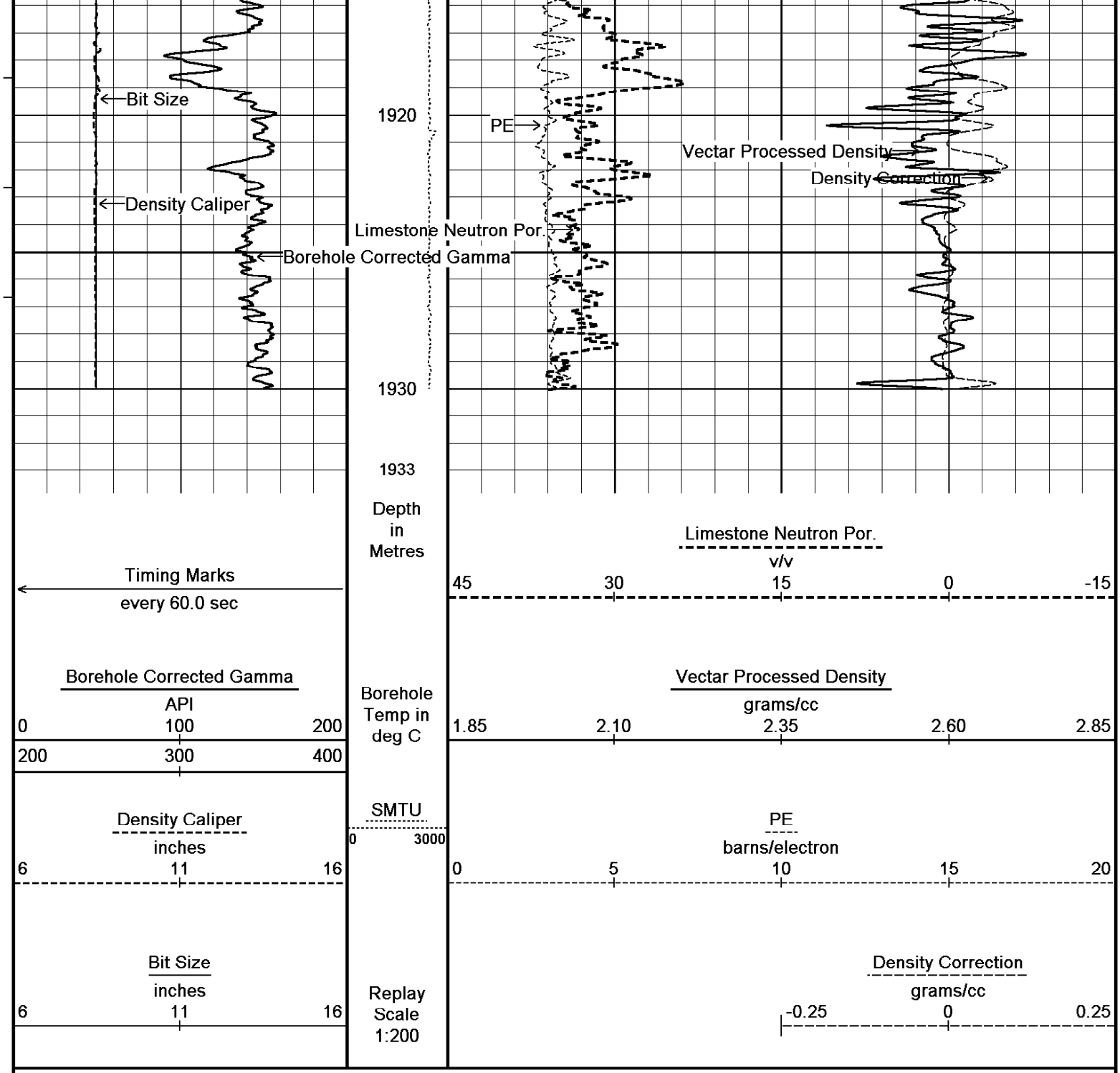
REPEAT SECTION 1: 200
MAIN PASS 1: 200

HIRES SECTION 1: 200

Depth Based Data - Maximum Sampling Increment 2.5cm — Plotted on 13-JUN-2007 11:14
Filename: C:\DOCUME~1\EDMANN~1\LOCALS~1\Temp\Precision PreView\HIRES_SECTION.dta — Recorded on 27-DEC-2006 03:33
System Versions: Logged 17-JUN-2004 Plotted with 7.01.0194




0
100
200
deg C
1.85
2.10
2.35
2.60
2.85
200
300
400
Density Caliper
inches
6
11
16
SMTU
0
3000
PE
barns/electron
0
5
10
15
20
Bit Size
inches
6
11
16
Replay
Scale
1:200
Density Correction
grams/cc
-0.25
0
0.25
1870
1880
75°
1890
1900
1910
75°



Depth Based Data - Maximum Sampling Increment 2.5cm
Plotted on 13-JUN-2007 11:14
Filename: C:\DOCUME~1\EDMANN~1\LOCALS~1\Temp\Precision PreView\HIRES_SECTION.dta
Recorded on 27-DEC-2006 03:33
System Versions: Logged 17-JUN-2004 Plotted with 7.01.0194

HIRES SECTION 1: 200

DOWNHOLE EQUIPMENT

C:\DOCUME~1\EDMANN~1\LOCALS~1\Temp\Precision PreView\HIRES_SECTION.dta

Compact Stiff Bridle Electrode Sub.
MBE 17 Length: 3.76 m Weight: 94.8 lb

Compact Stiff Bridle Electrode Sub.
MBE 19 Length: 3.76 m Weight: 94.8 lb

22.24 m DLSP - SP Voltage Raw

Compact Gamma
MCG 162 Length: 2.65 m Weight: 63.9 lb

17.90 m GGCE - Borehole Corrected Gamma
17.01 m CGXT - MCG External Temperature

Compact Neutron
MDN 133 Length: 1.53 m Weight: 50.7 lb

16.03 m NPRL - Limestone Neutron Por.

Compact Density/Caliper
MPD 83 Length: 2.92 m Weight: 90.4 lb

13.35 m AVOL - Annular Volume
13.35 m HVOL - Hole Volume
13.35 m CLDC - Density Caliper
13.14 m DEN - Compensated Density
13.14 m DEN - Compensated Density
13.14 m DCOR - Density Correction
13.12 m PDPE - PE

Compact Sonic
MSS 66 Length: 3.82 m Weight: 72.8 lb

9.24 m DT35 - 3-5' Compensated Sonic

Compact Upper Guard Sub.
MUG 29 Length: 2.74 m Weight: 68.3 lb

Compact Laterolog Electrode Sub.
MLE 29 Length: 3.76 m Weight: 92.6 lb

3.93 m DSLL - Shallow Laterolog
3.93 m DDLL - Deep Laterolog
3.93 m DGLL - Groningen Laterolog

Compact Micro-Resistivity
MMR 42 Length: 2.62 m Weight: 81.6 lb

0.00 m MRRS - MicroRes Resistance (S)
Tool Zero (0.85m from bottom)

Pressure Bung + Hole Finder
HFS 99 Length: 0.28 m Weight: 6.6 lb

All measurements relative to tool zero.

Total Length: 27.84 m Weight: 716.5 lb

BEFORE SURVEY CALIBRATION

C:\DOCUME~1\EDMANN~1\LOCALS~1\Temp\Precision PreView\SETUP.dta

General Constants All 000

Last Edited on 4-JAN-2007,09:48

General Parameters

Mud Resistivity	0.269	ohm-metres
Mud Resistivity Temperature	25.000	degrees C
Water Level	0.000	metres
Density/Neutron Processing	Wet Hole	

Hole/Annular Volume and Differential Caliper Parameters

HVOL Caliper 1	Density Caliper	
HVOL Caliper 2	None	
Annular Volume Diameter	7.000	inches
Caliper for Differential Caliper	None	

RWA Parameters		
Porosity used	Base Density Porosity	
Resistivity used	Deep Laterolog	
RWA Constant A	0.610	
RWA Constant M	2.150	

Gamma Calibration MCG 162

Field Calibration on 24-DEC-2006 12:36

	Measured	Calibrated (API)
Background	56	38
Calibrator (Gross)	1403	947
Calibrator (Net)	1347	909

Gamma Constants MCG 162

Last Edited on 27-DEC-2006,03:27

Gamma Calibrator Number	GRC-C060	
Mud Density	1.08	gm/cc
Caliper Source for Processing	Density Caliper	
Tool Position	Eccentred	
Concentration of KCl	0.00	kppm

High Resolution Temperature Calibration MCG 162

Field Calibration on 27-DEC-2006,03:26

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

High Resolution Temperature Constants MCG 162

Pre-filter Length	11

Neutron Calibration MDN 133

Base Calibration on 30-NOV-2006 15:46
Field Check on 24-DEC-2006 13:09

Base Calibration

	Measured		Calibrated (cps)	
	Near	Far	Near	Far
	3027	96	3714	110
Ratio	31.475		33.764	

Field Calibrator at Base

	Calibrated (cps)	
	1503	2222
Ratio	0.676	

Field Check

	Calibrated (cps)	
	1644	2422
Ratio	0.679	

Neutron Constants MDN 133

Last Edited on 27-DEC-2006,03:27

Neutron Source Id	739	
Neutron Jig Number	52	
Epithermal Neutron	No	
Caliper Source for Processing	Density Caliper	
Stand-off	0.00	inches
Mud Density	1.08	gm/cc
Limestone Sigma	7.10	cu
Sandstone Sigma	4.26	cu
Dolomite Sigma	4.70	cu
Formation Pressure Source	None	
Formation Pressure	N/A	kpsi
Temperature Source	MCG External Temperature	
Temperature	N/A	degrees C
Mud Salinity	22.31	kppm
Formation Fluid Salinity Source	Constant Value	
Formation Fluid Salinity	0.00	kppm
Barite Mud Correction	Not Applied	

Caliper Calibration MPD 083

Base Calibration on 30-NOV-2006 10:38
Field Calibration on 27-DEC-2006,01:50

Base Calibration

Reading No	Measured	Calibrator Size (in)
1	13273	4.01
2	23120	5.96
3	33195	7.98
4	42848	9.86
5	53857	11.88
6	N/A	N/A

Field Calibration

Measured Caliper (in)	Actual Caliper (in)
8.97	8.96

Photo Density Calibration MPD 083

Base Calibration on 30-NOV-2006 10:20
Field Check on 24-DEC-2006 12:42

Density Calibration

Base Calibration	Measured Near	Measured Far	Calibrated (sdu) Near	Calibrated (sdu) Far
Reference 1	52652	18233	53111	19310
Reference 2	24882	2440	24951	2530
Field Check at Base	929.9	1075.7		
Field Check	929.8	1075.3		

PE Calibration

Base Calibration	WS	WH	Ratio	Calibrated Ratio
Background	177	795		
Reference 1	16047	52460	0.307	0.320
Reference 2	6417	24737	0.261	0.273
Field Check at Base	176.6	794.8		
Field Check	176.2	794.2		

Density Constants MPD 083

Last Edited on 26-DEC-2006,23:04

Density Source Id	242	
Nylon Calibrator Number	53	
Aluminium/Fe Calibrator Number	53	
Density Shoe Profile	8 inch	
Caliper Source for Processing	Density Caliper	
PE Correction to Density	Not Applied	
Mud Density	1.08	gm/cc
Mud Density Z/A Correction	1.11	
Mud Filtrate Density	1.00	gm/cc
Dry Hole Mud Filtrate Density	1.00	gm/cc
DNCT	0.00	gm/cc
CRCT	0.00	gm/cc

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	

COMPANY	KAROON GAS PTY. LTD.
WELL	MEGASCOLIDES-1 RE ST1
FIELD	WILDCAT
PROVINCE/COUNTY	VICTORIA
COUNTRY/STATE	AUSTRALIA

Elevation Kelly Bushing	125.20	metres	First Reading	1973.70	metres
Elevation Drill Floor	124.90	metres	Depth Driller	1980.00	metres
Elevation Ground Level	120.00	metres	Depth Logger	1974.55	metres

PRECISION ENERGY SERVICES
VECTAR

COMPENSATED NEUTRON
PHOTO DENSITY
1:200