



# COMPENSATED NEUTRON PHOTO DENSITY

1:200

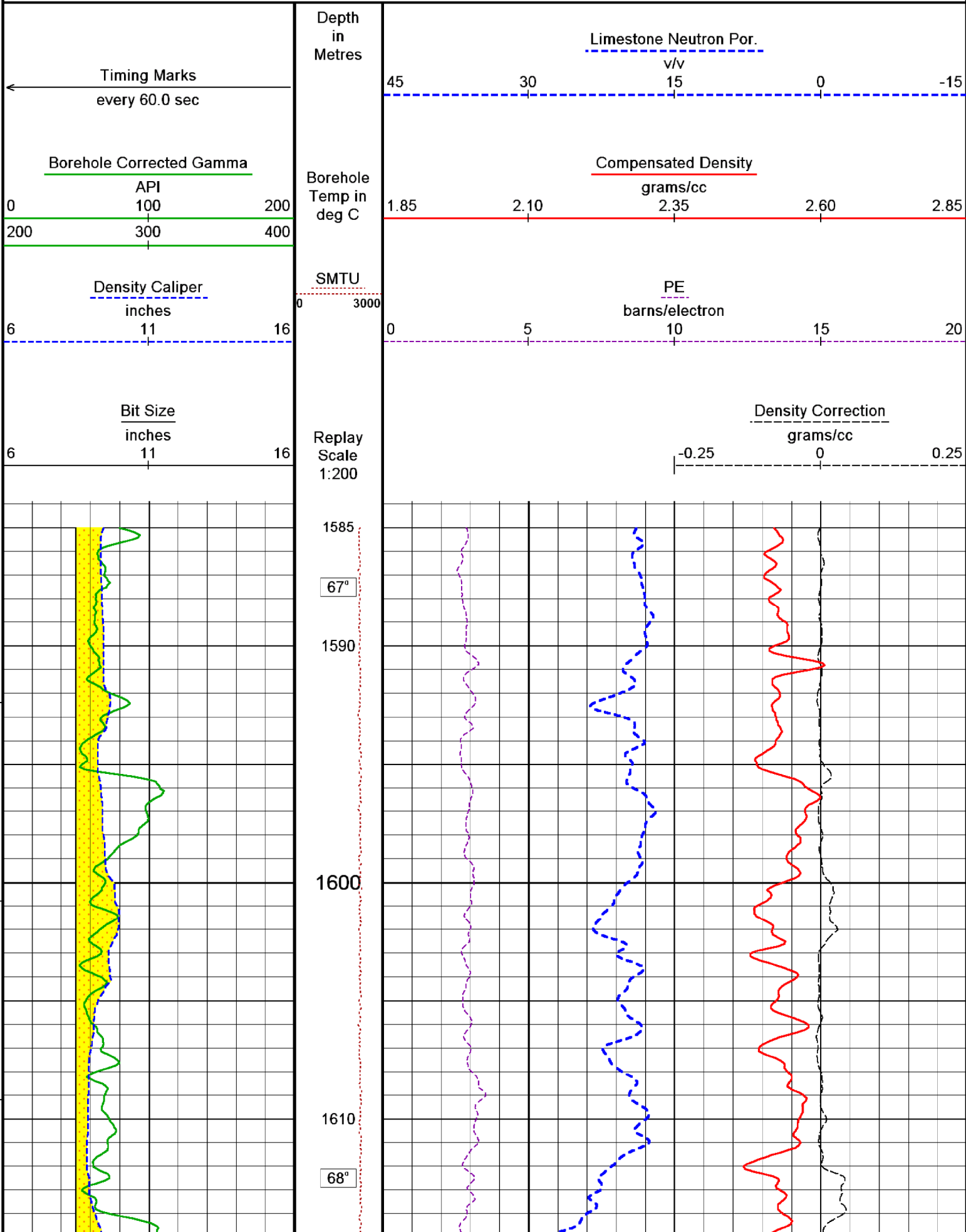
COMPANY	KAROON GAS PTY. LTD.		
WELL	MEGASCOLIDES-1 RE ST1		
FIELD	WILDCAT		
PROVINCE/COUNTY	VICTORIA		
COUNTRY/STATE	AUSTRALIA		
LOCATION	145° , 52', 55.443"E, -38° , 13', 52.064"S <b>FINAL PRINT</b>		
LSD	SEC	TWP	RGE
API Number			Other Services
Permit Number PEP162			FORMATION TESTER
Permanent Datum M.S.L			TEMPERATURE LOG
Log Measured From R.T. @ 125.2M above Permanent Datum			
Drilling Measured From R.T.			
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/cc 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		

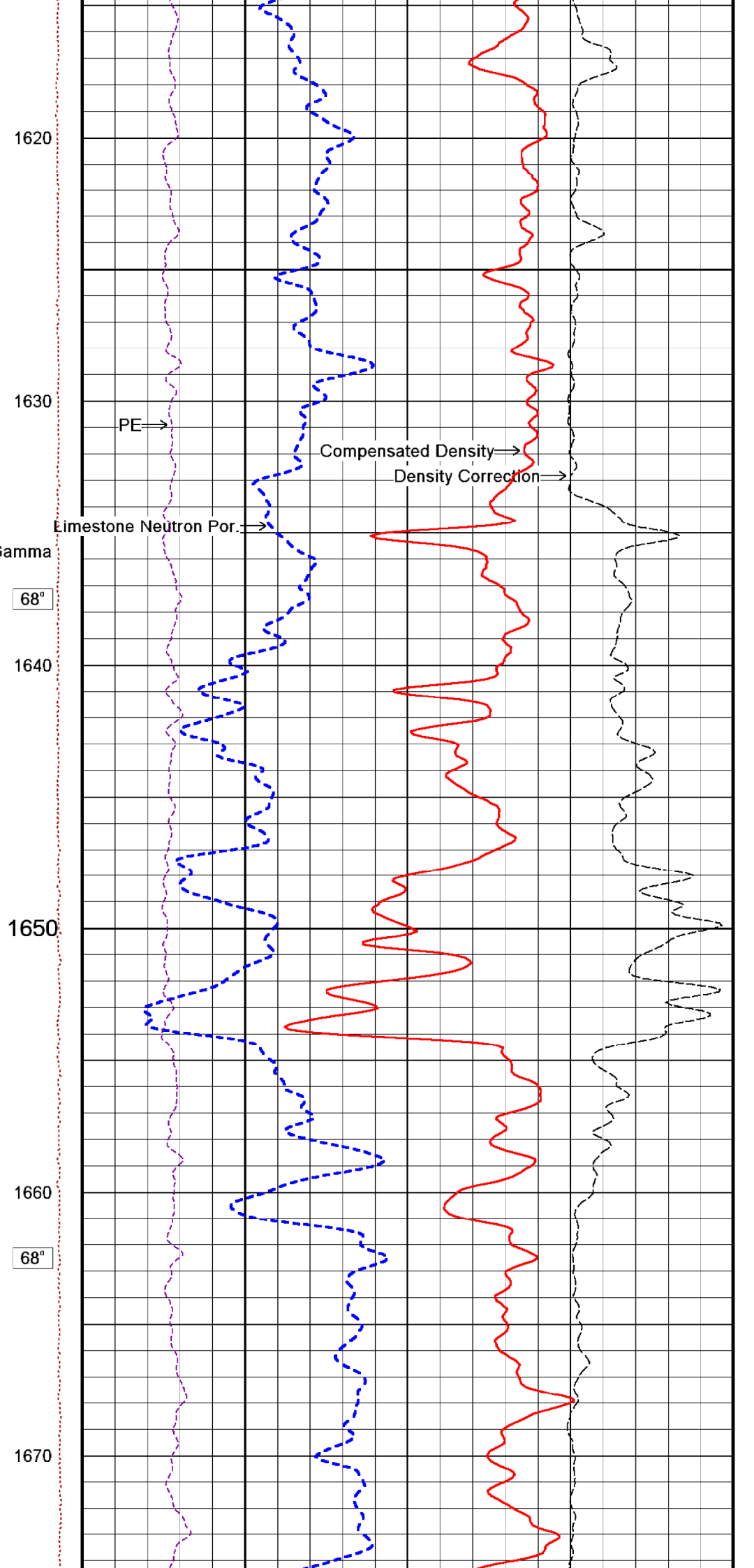
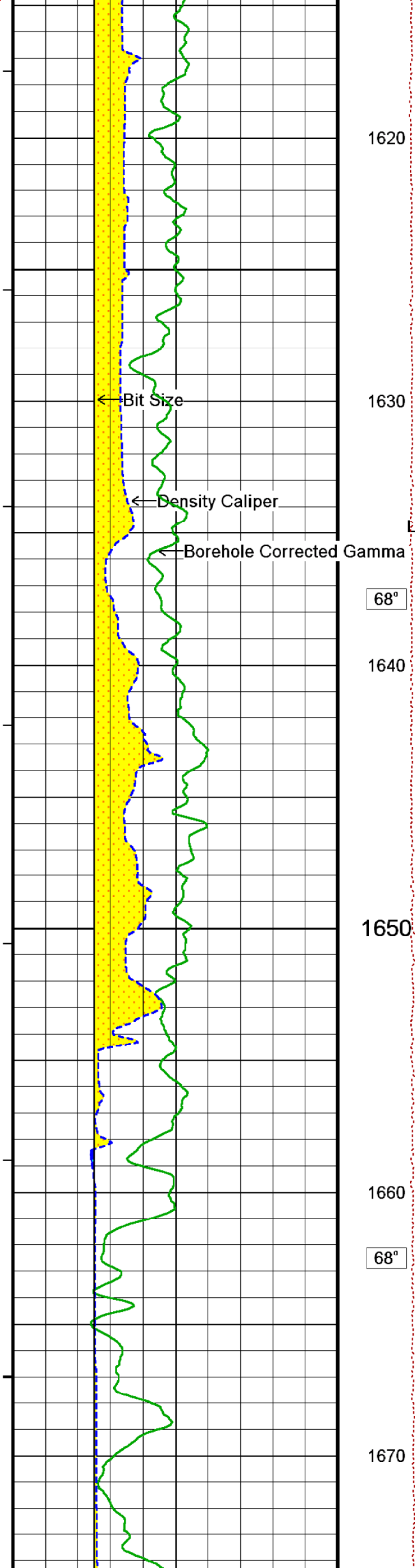
BOREHOLE RECORD			Last Edited: 4-JAN-2007 09:07	
Bit Size inches	Depth From metres		Depth To metres	
8.500	504.00		1980.00	
CASING RECORD				
Type	Size inches	Depth From metres	Shoe Depth metres	Weight pounds/ft
SURFACE	9.625	0.00	504.00	36.00

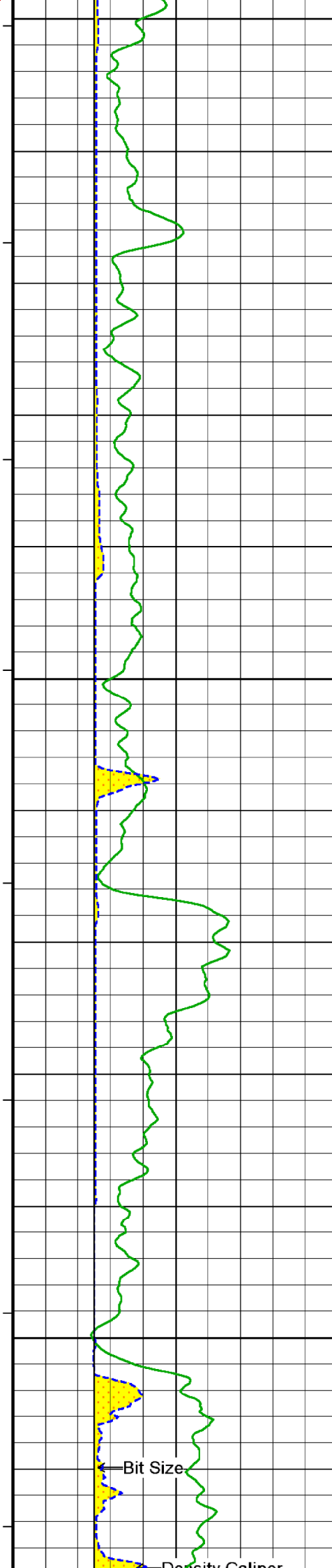
REMARKS
DEPTH CORRELATED WITH SCHLUMBERGER LOG RUN ONE, RECORDED ON 18 DECEMBER 2004.
1) SOFTWARE ISSUE: JUN 17, 2004.
2) CUSTOMER SCALES AND INTERVALS LOGGED.
3) HFS, MMR, MLE, MUG, MSS, MPD, MDN, MCG, MBE, MBE RAN IN COMBINATION.
4) HARDWARE:
MMR - 2 x 2" STANDOFFS
MUG- 1 x 2" STANDOFF
MSS - 2 x 1", 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.

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.







1680

69°

1690

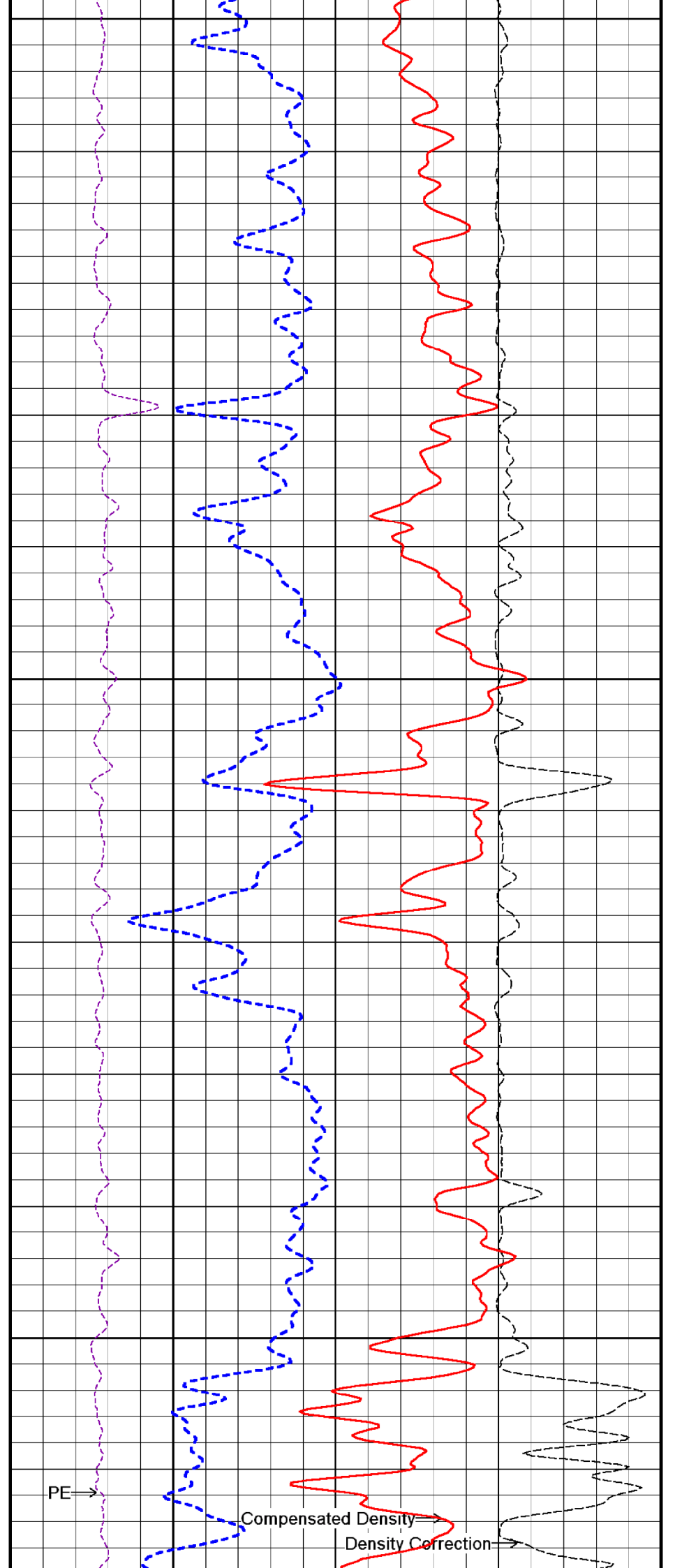
1700

1710

70°

1720

1730

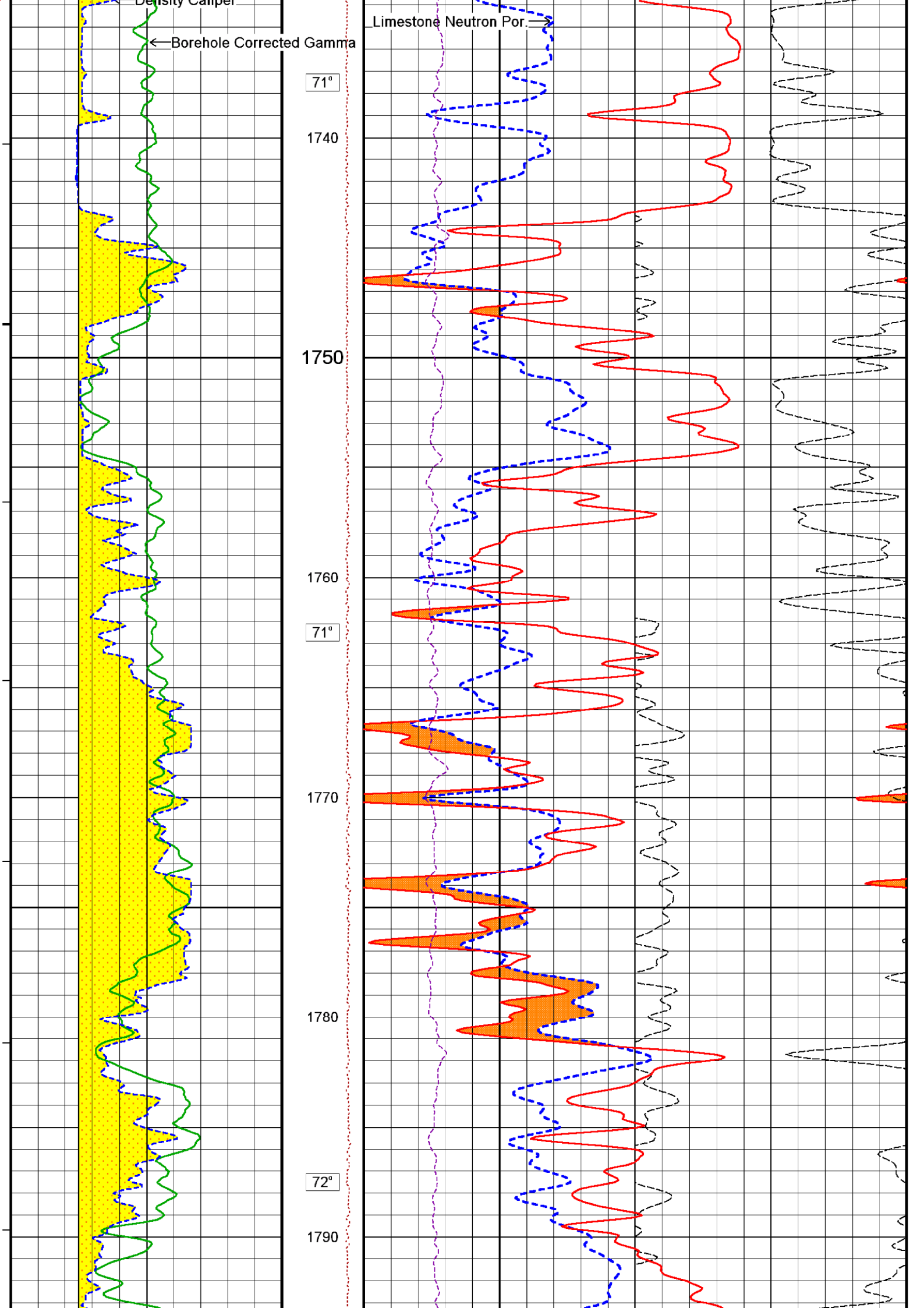


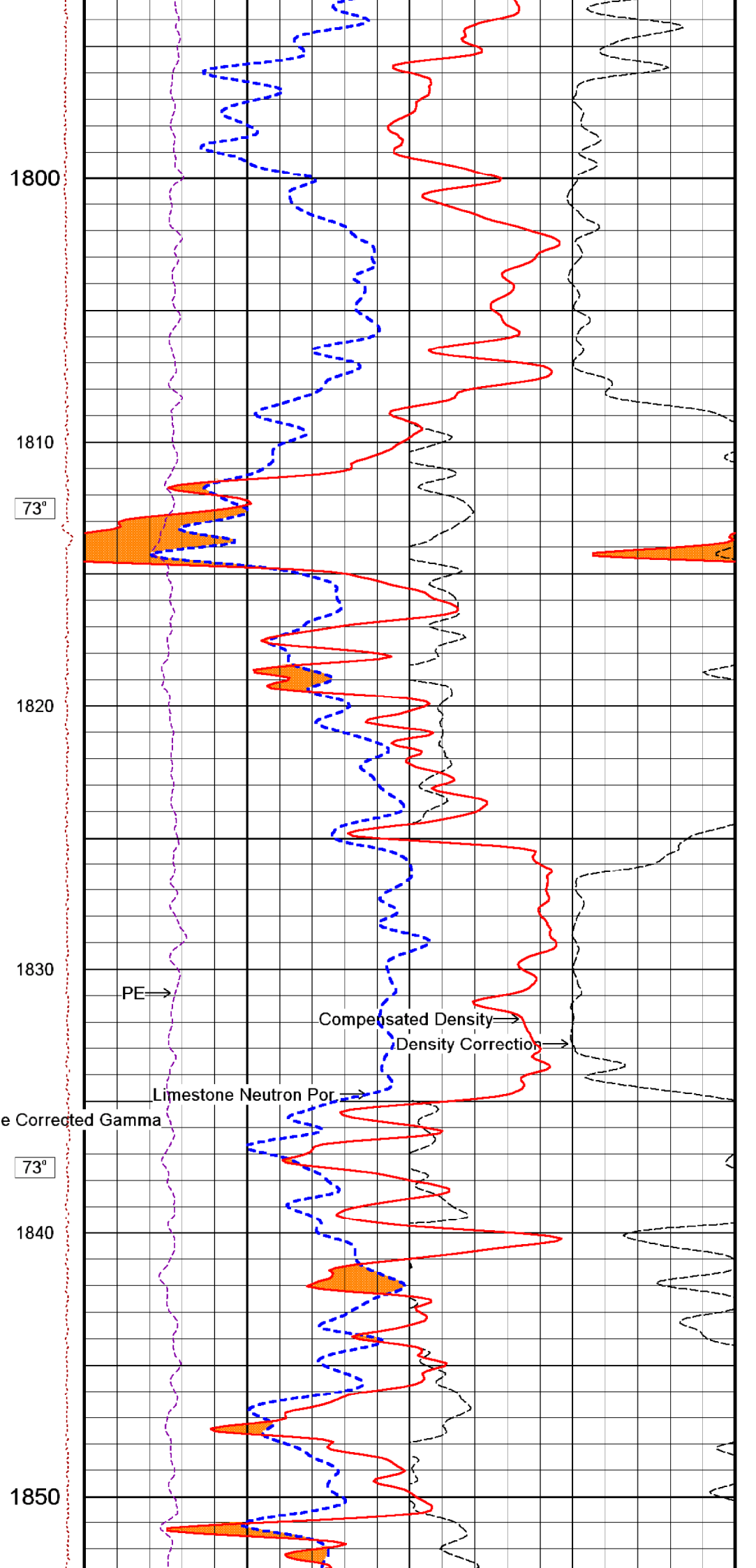
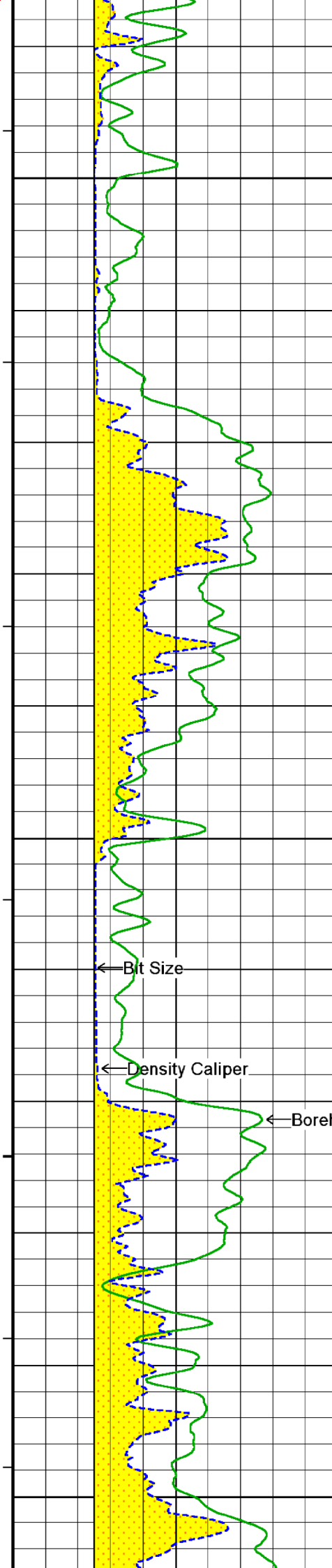
PE→

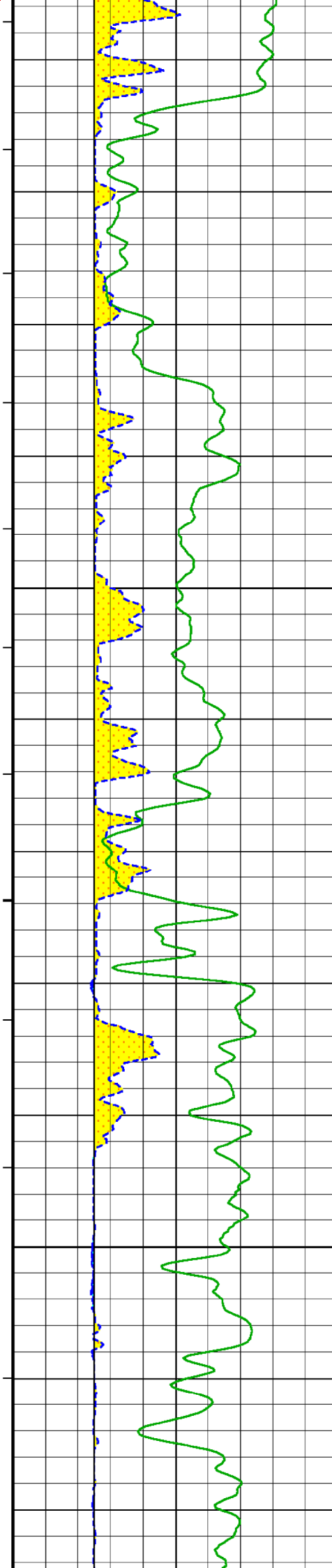
Compensated Density→

Density Correction→









1860

75°

1870

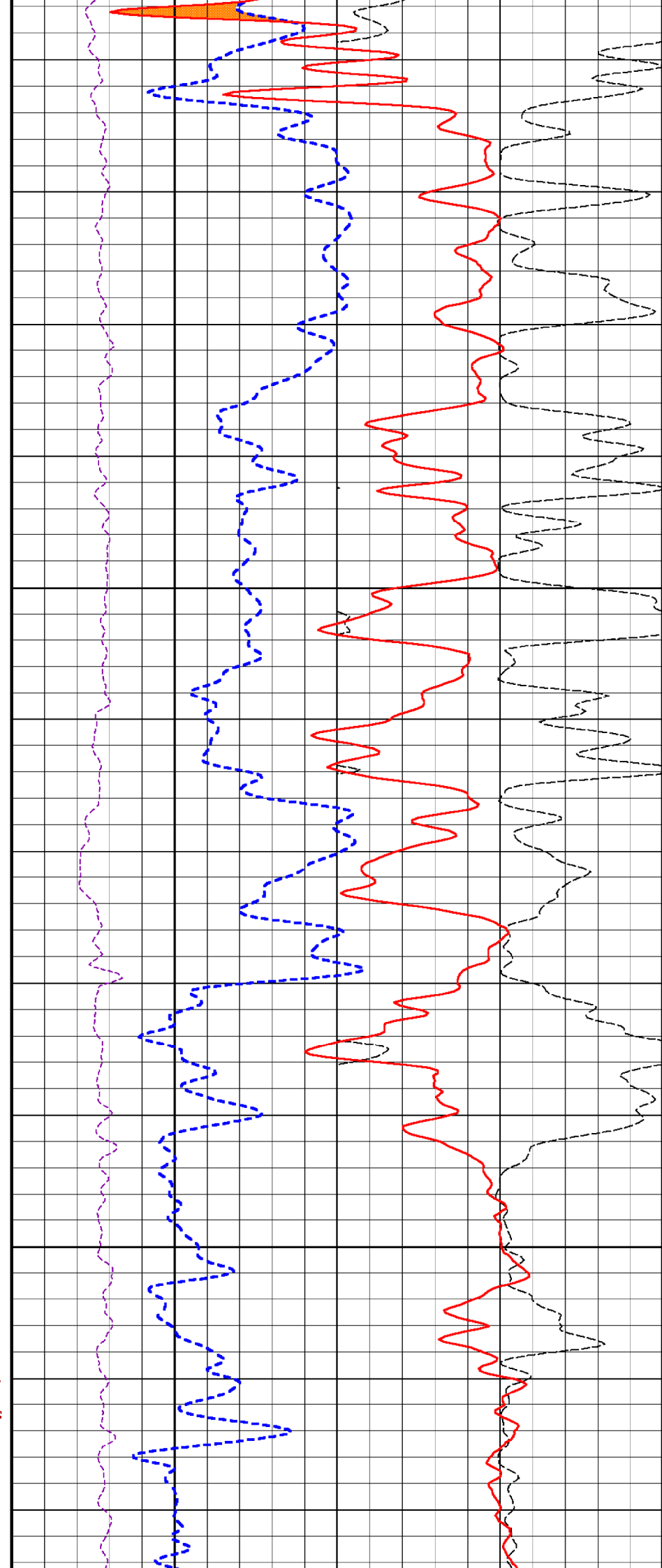
1880

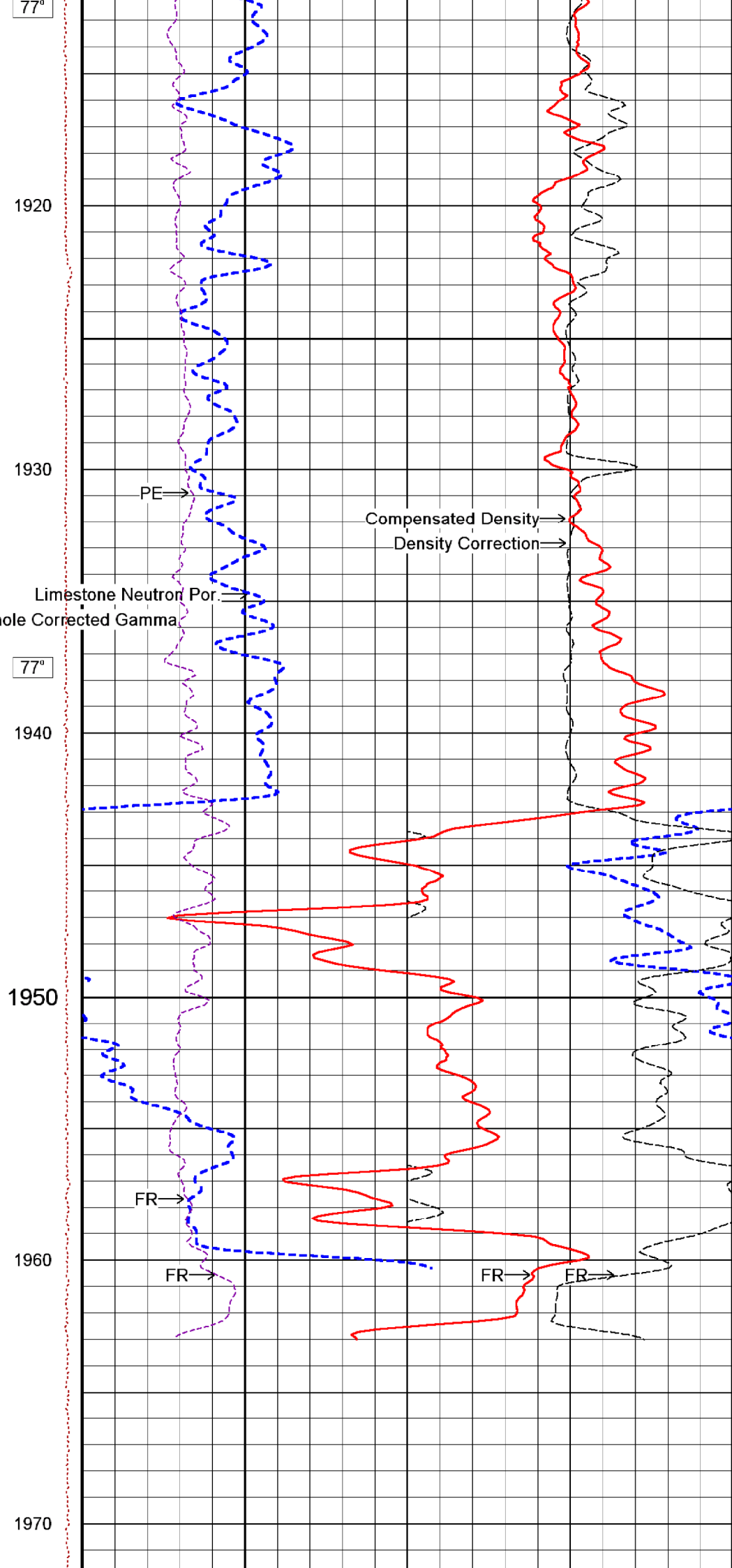
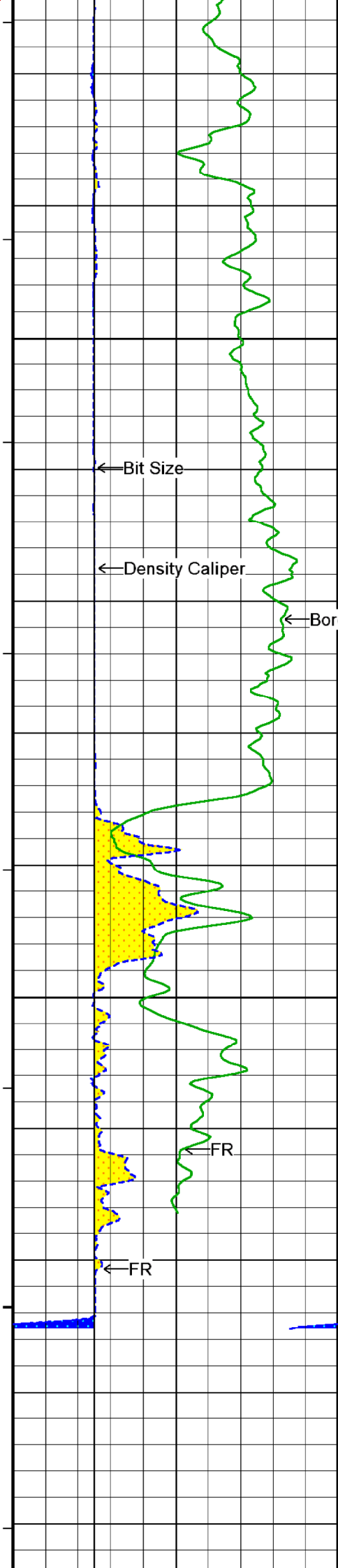
76°

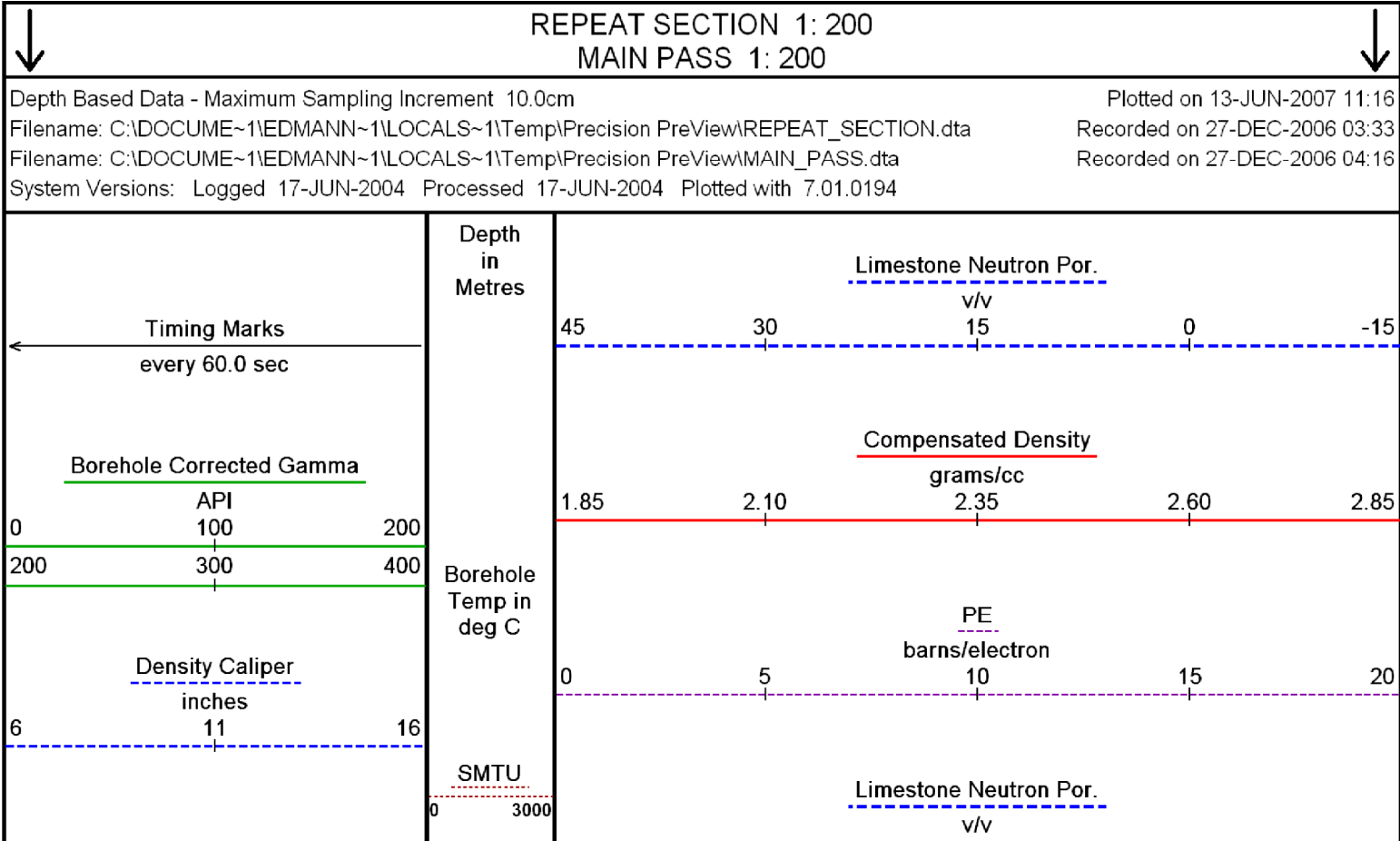
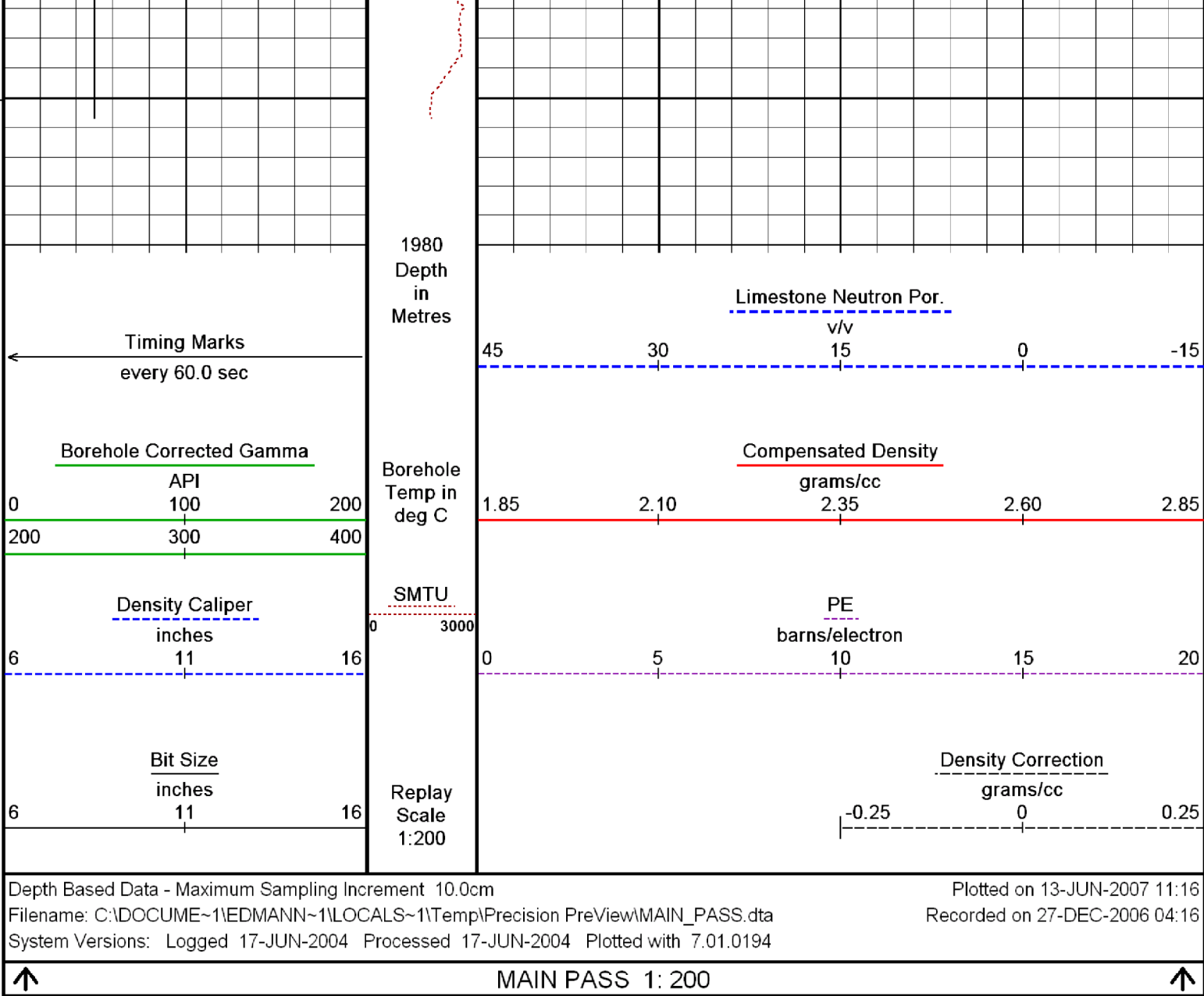
1890

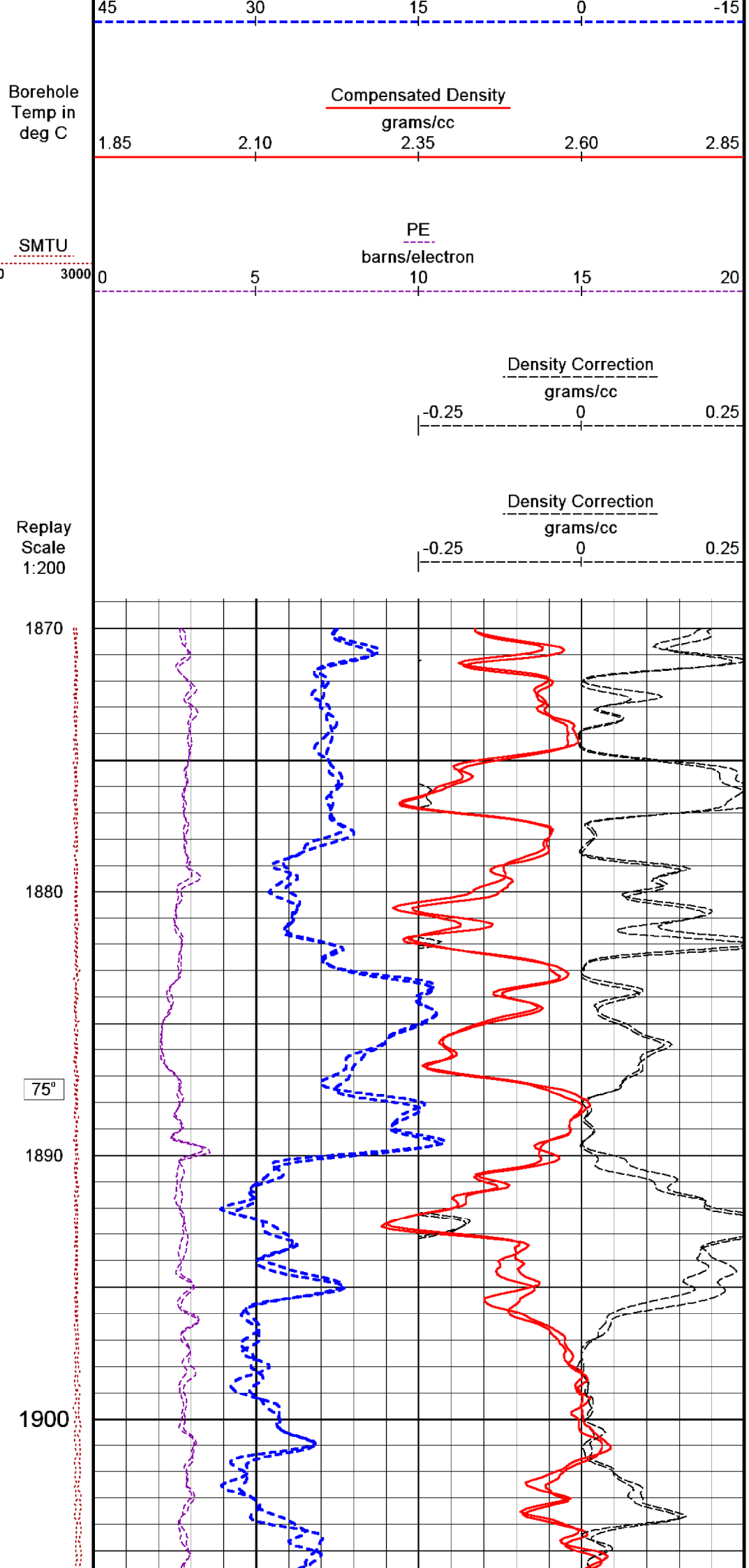
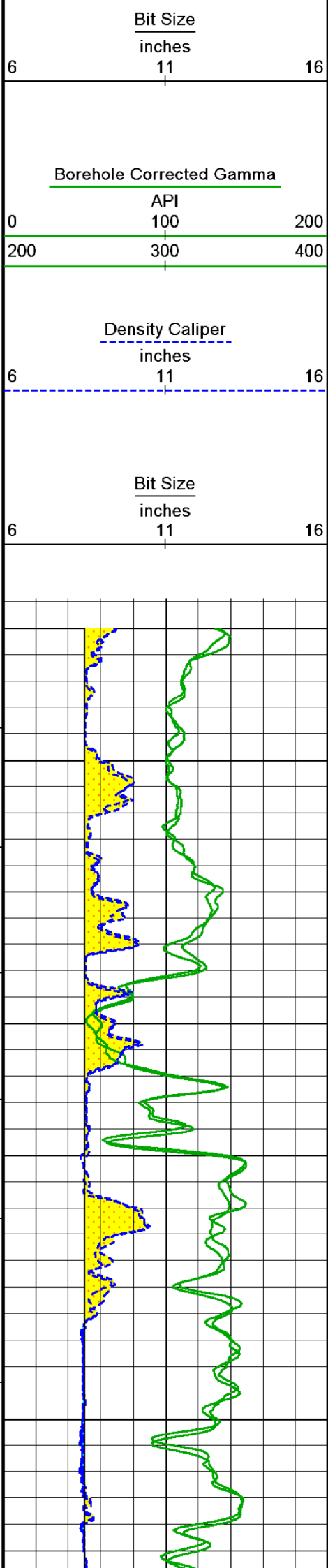
1900

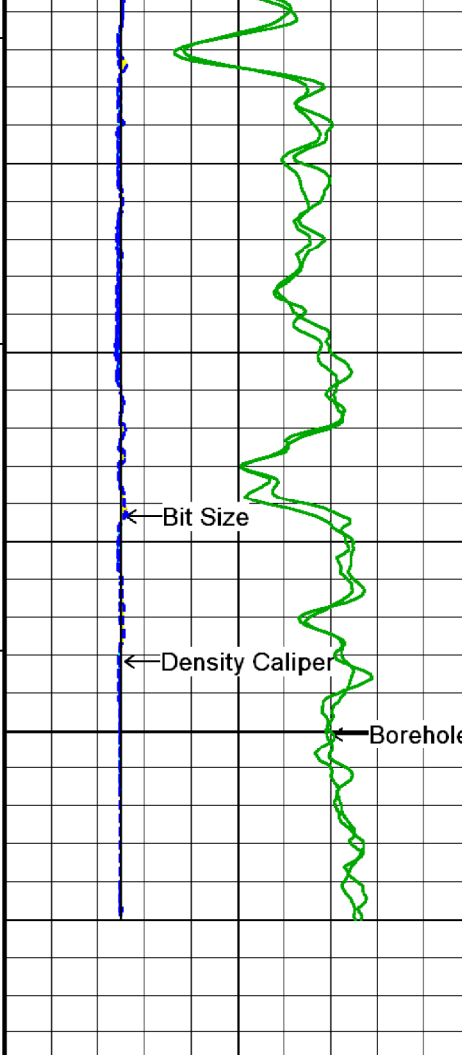
1910



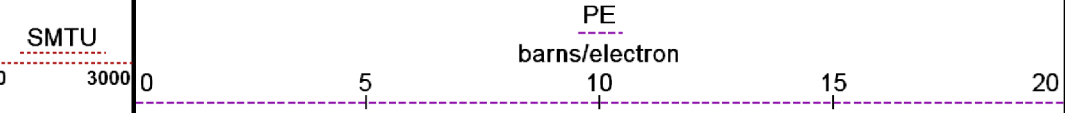
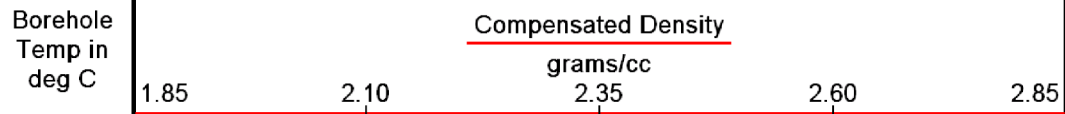
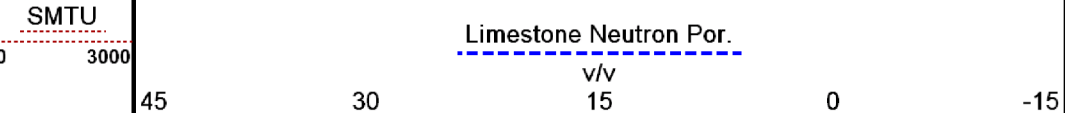
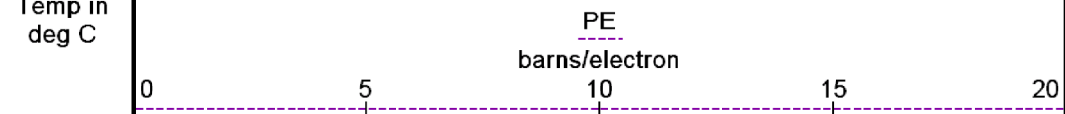
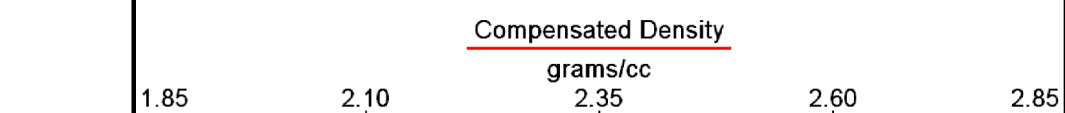
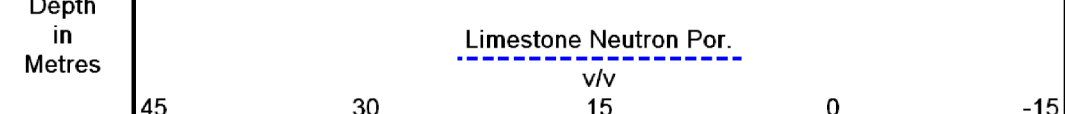
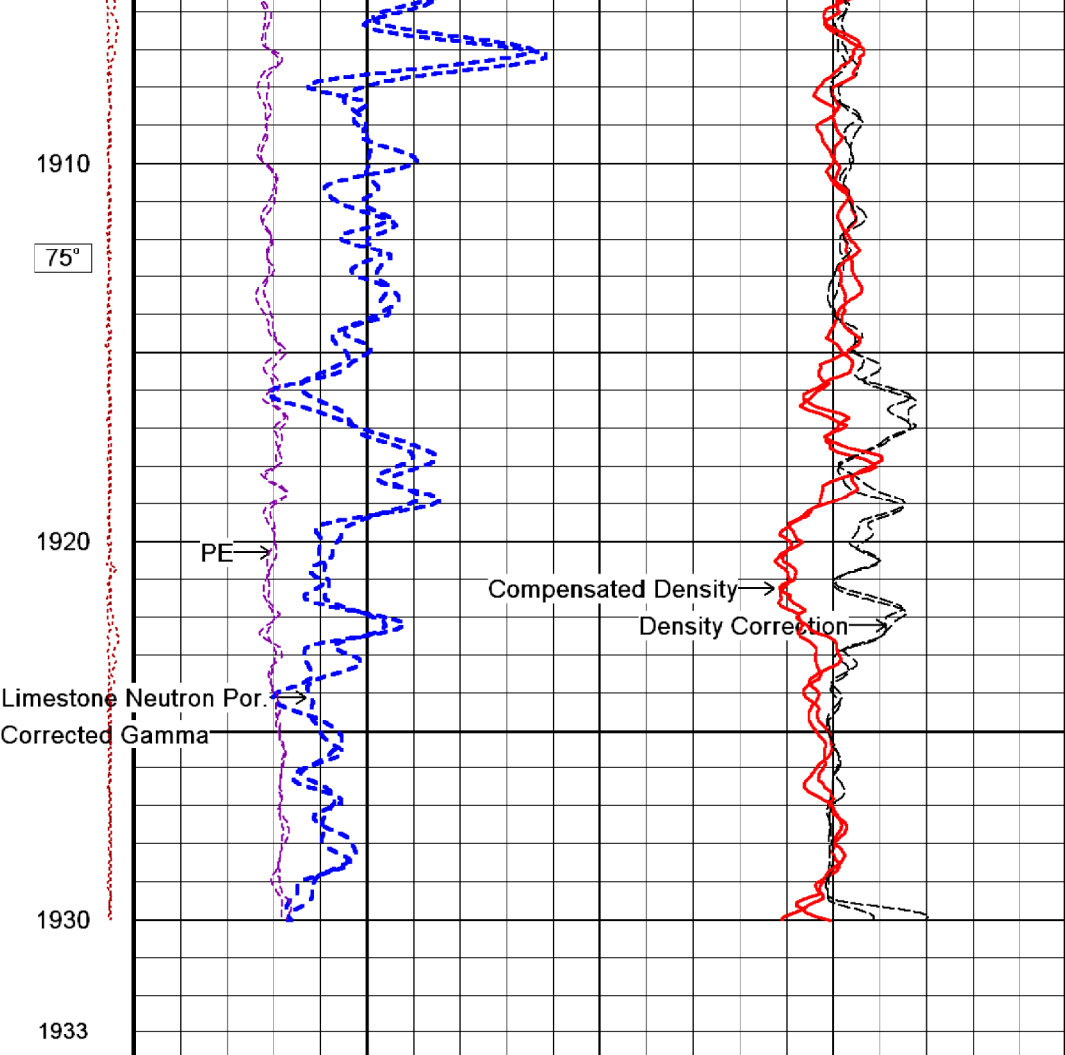
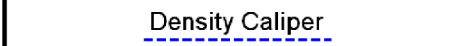
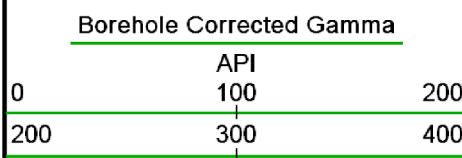
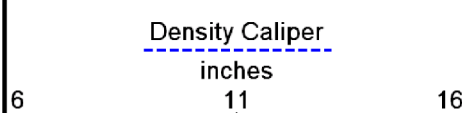
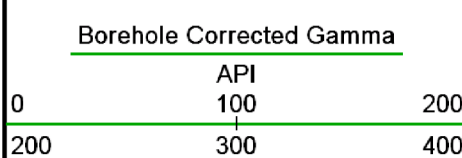






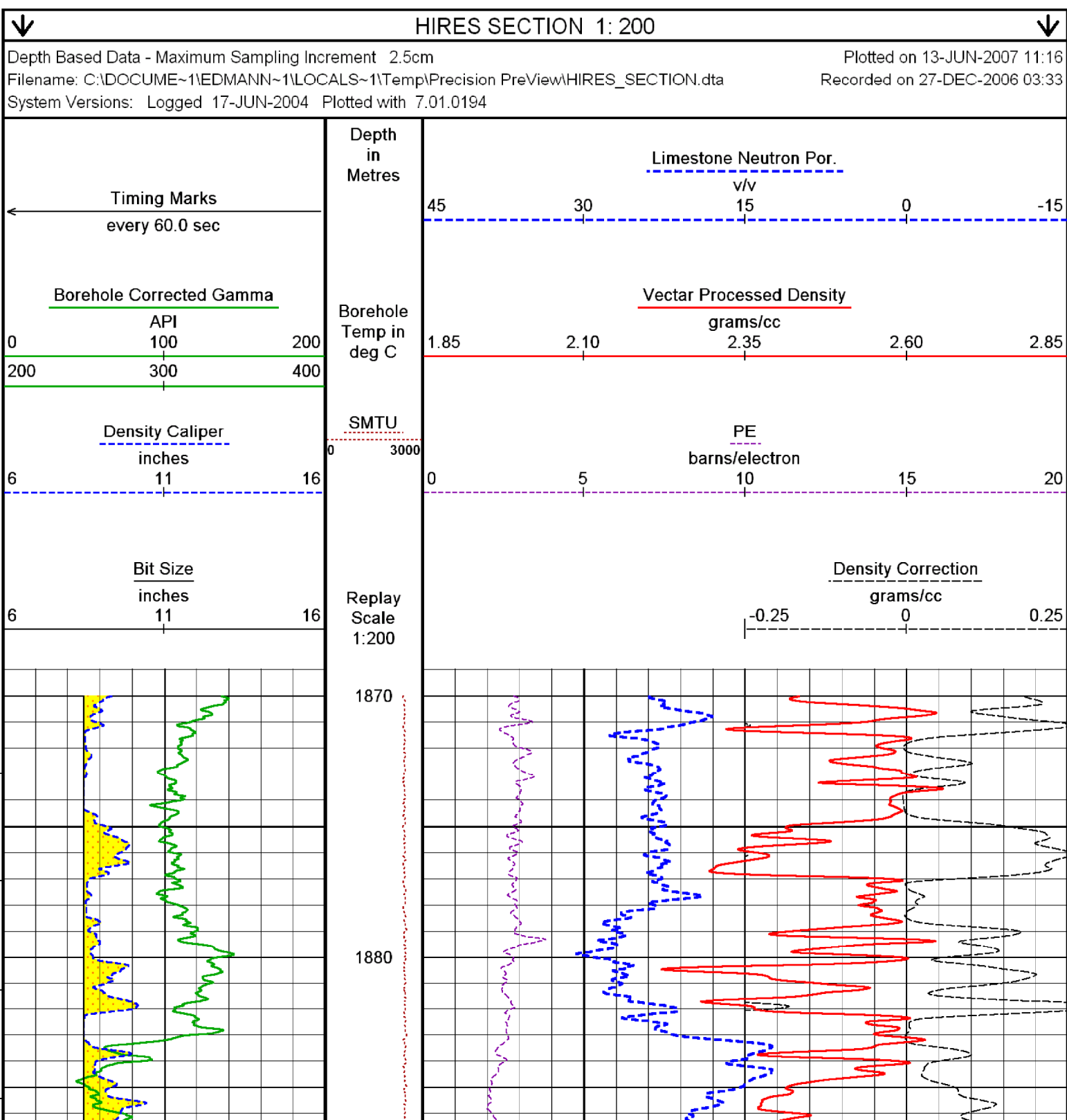
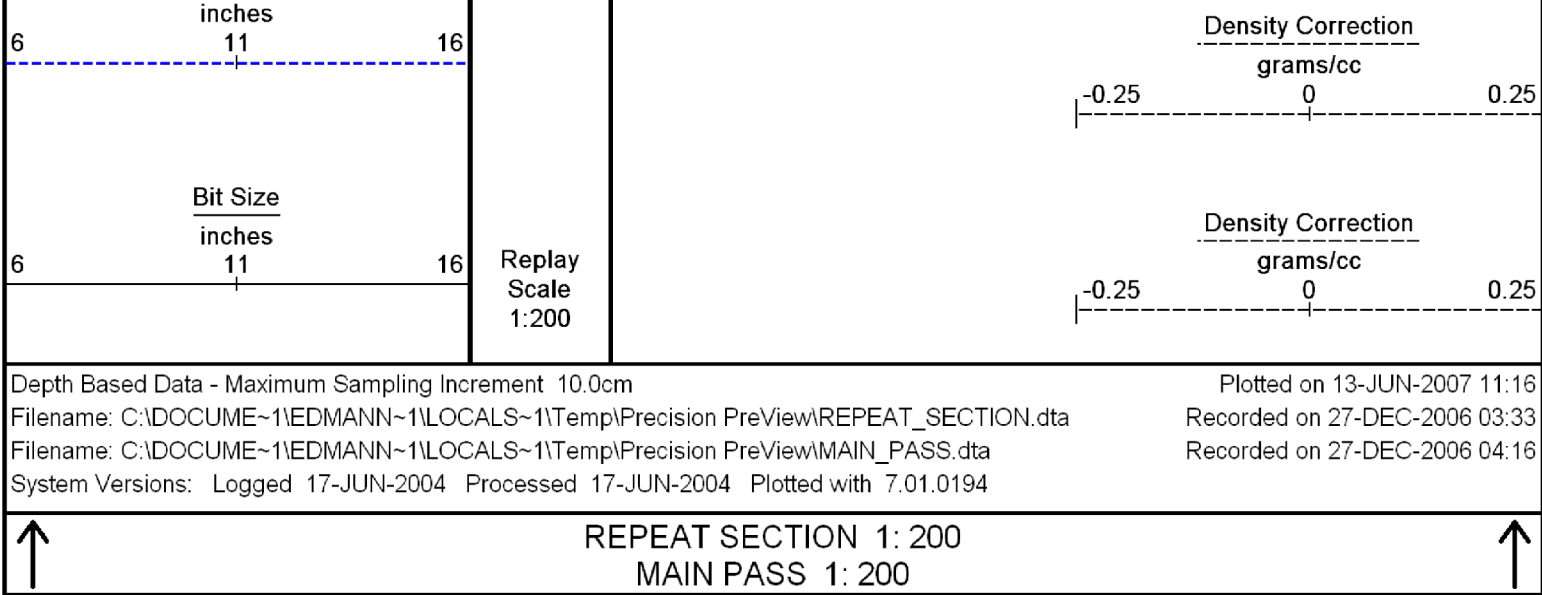


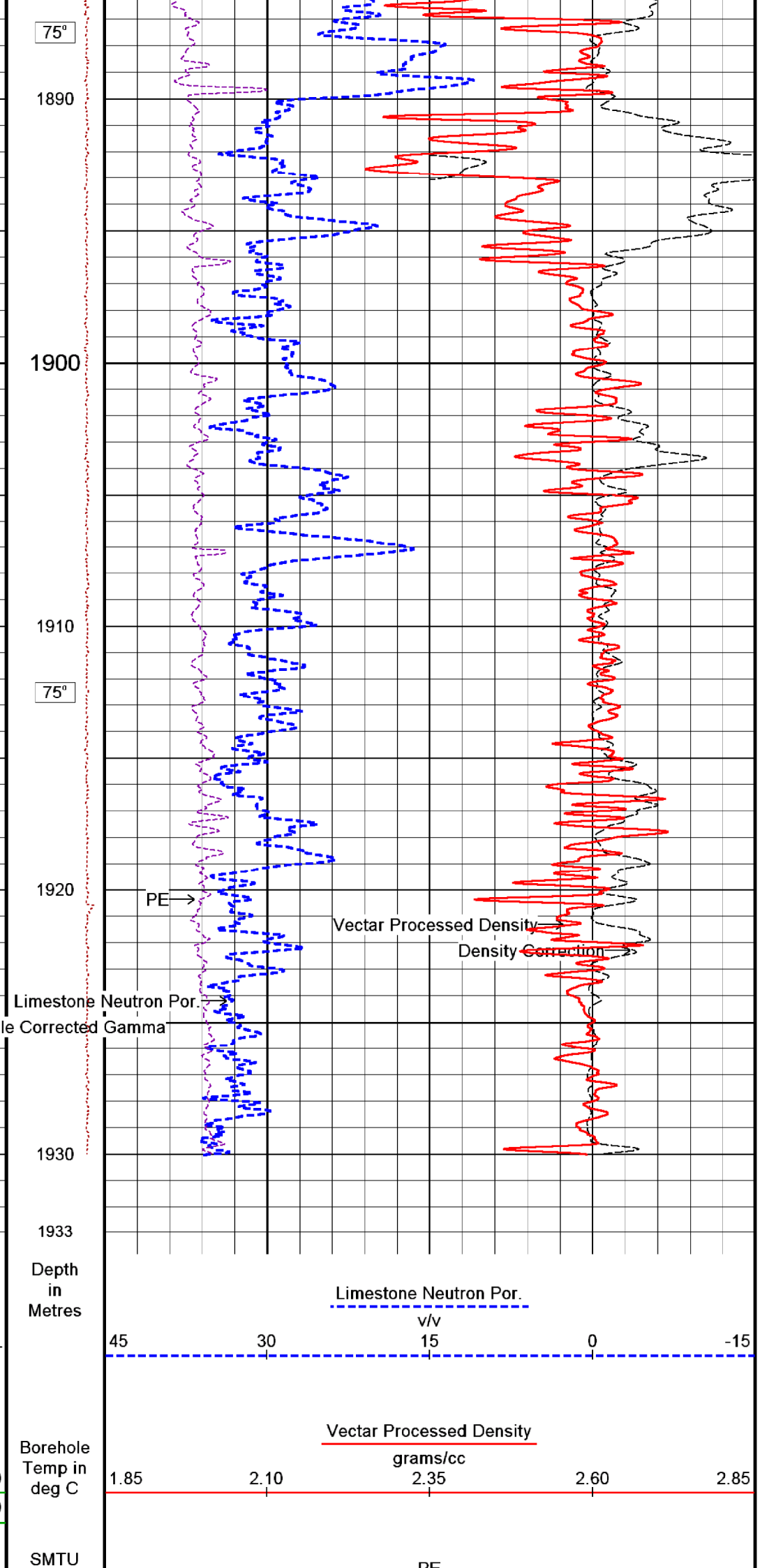
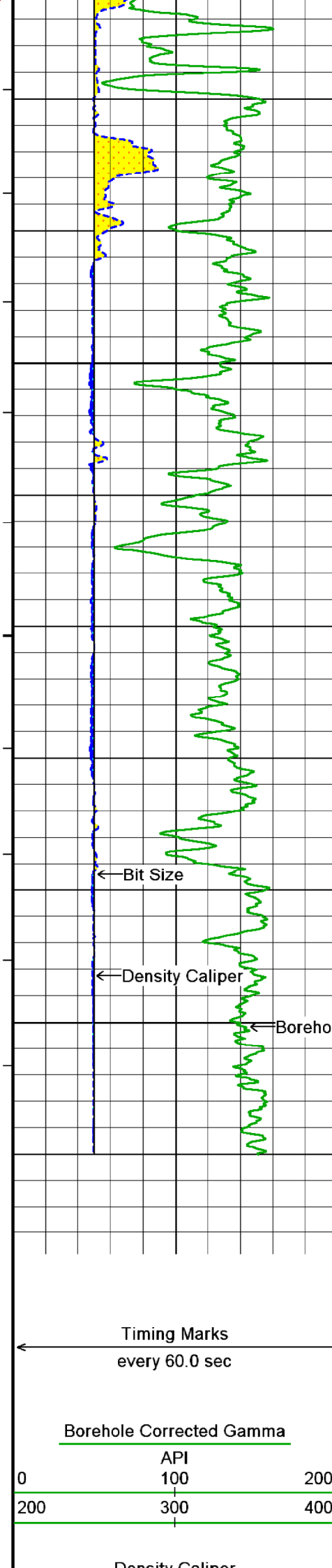
Timing Marks  
every 60.0 sec

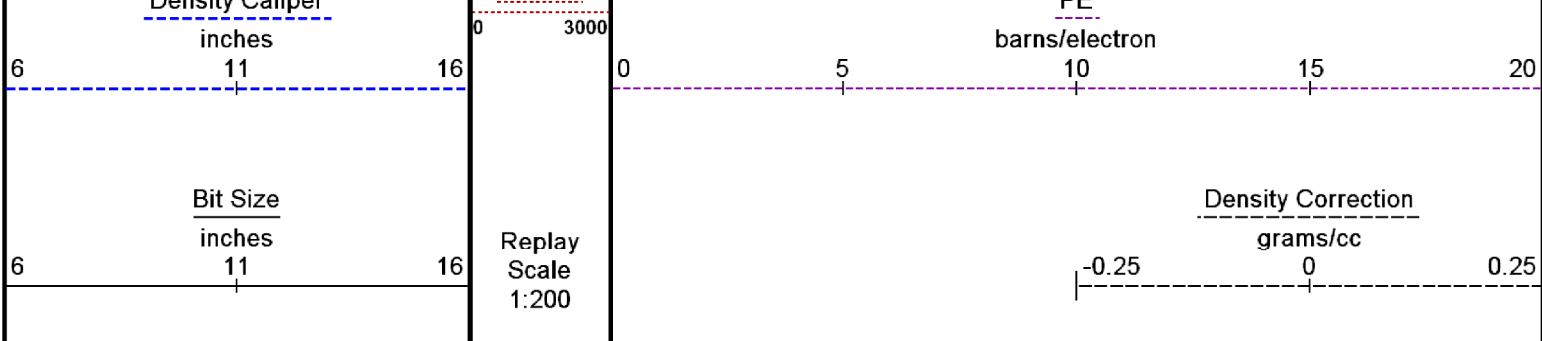


1910  
75°  
1920  
1930  
1933  
Depth  
in  
Metres







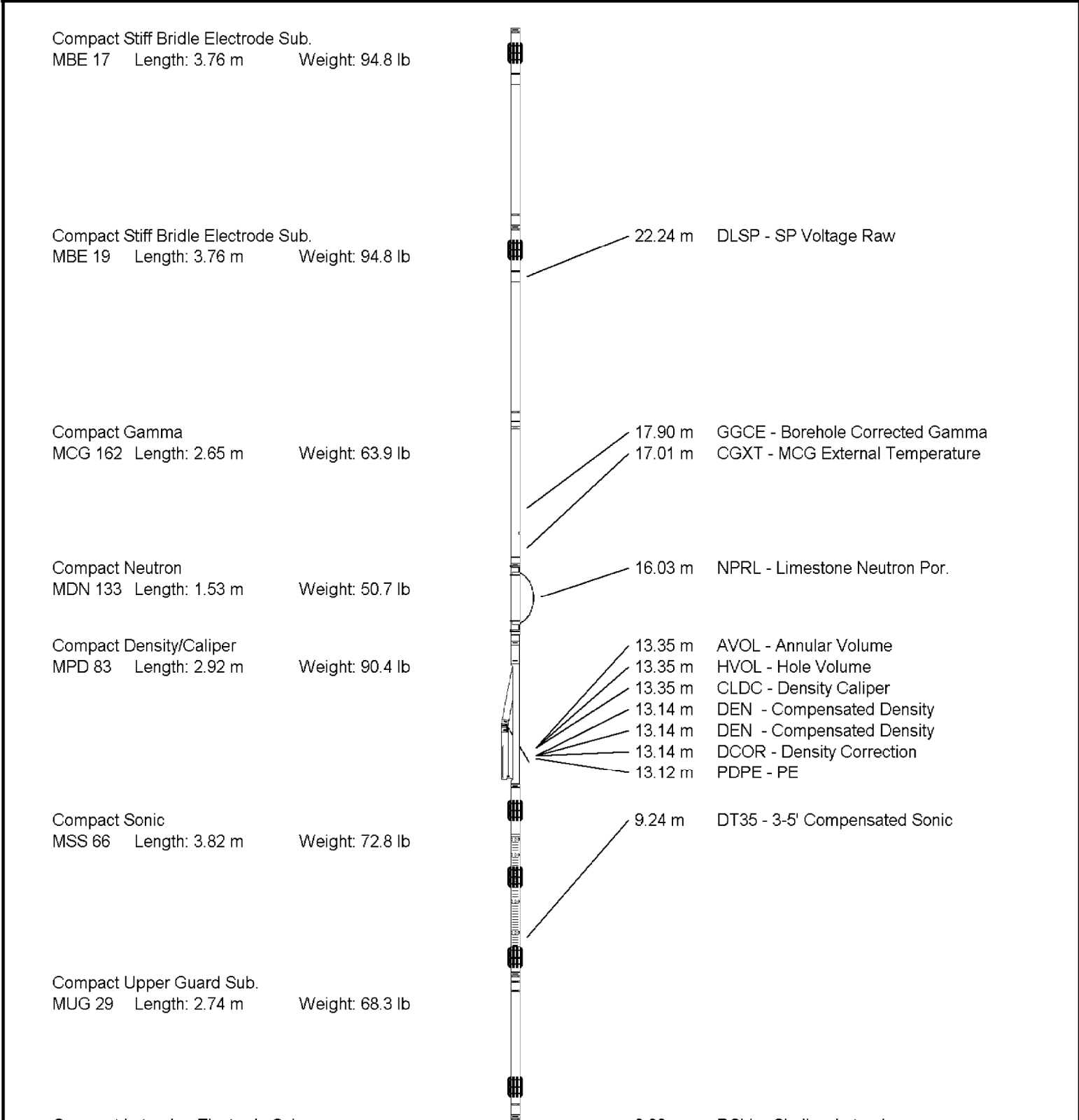


Depth Based Data - Maximum Sampling Increment 2.5cm  
Plotted on 13-JUN-2007 11:16  
Filename: C:\DOCUME~1\EDMANN~1\LOCALS~1\Temp\Precision PreView\HIRES\_SECTION.dta  
Recorded on 27-DEC-2006 03:33  
System Versions: Logged 17-JUN-2004 Plotted with 7.01.0194

↑ HIRES SECTION 1: 200 ↑

## DOWNHOLE EQUIPMENT

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



Compact Laterolog Electrode Sub.

MLE 29 Length: 3.76 m Weight: 92.6 lb

3.93 m

3.93 m

3.93 m

DSLL - Shallow Laterolog

DDLL - Deep Laterolog

DGLL - Groningen Laterolog

Compact Micro-Resistivity

MMR 42 Length: 2.62 m Weight: 81.6 lb

0.00 m

Tool Zero

MRRS - MicroRes Resistance (S)

(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
Ratio	3027	96	3714	110
	31.475		33.764	

Field Calibrator at Base

Calibrated (cps)

Ratio	1503	2222	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		Calibrated (sdu)	
		Near	Far	Near	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		Measured		Calibrated	
	WS	WH	Ratio	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		

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



COMPENSATED NEUTRON  
PHOTO DENSITY  
1:200