



PHOTO DENSITY
COMPENSATED NEUTRON

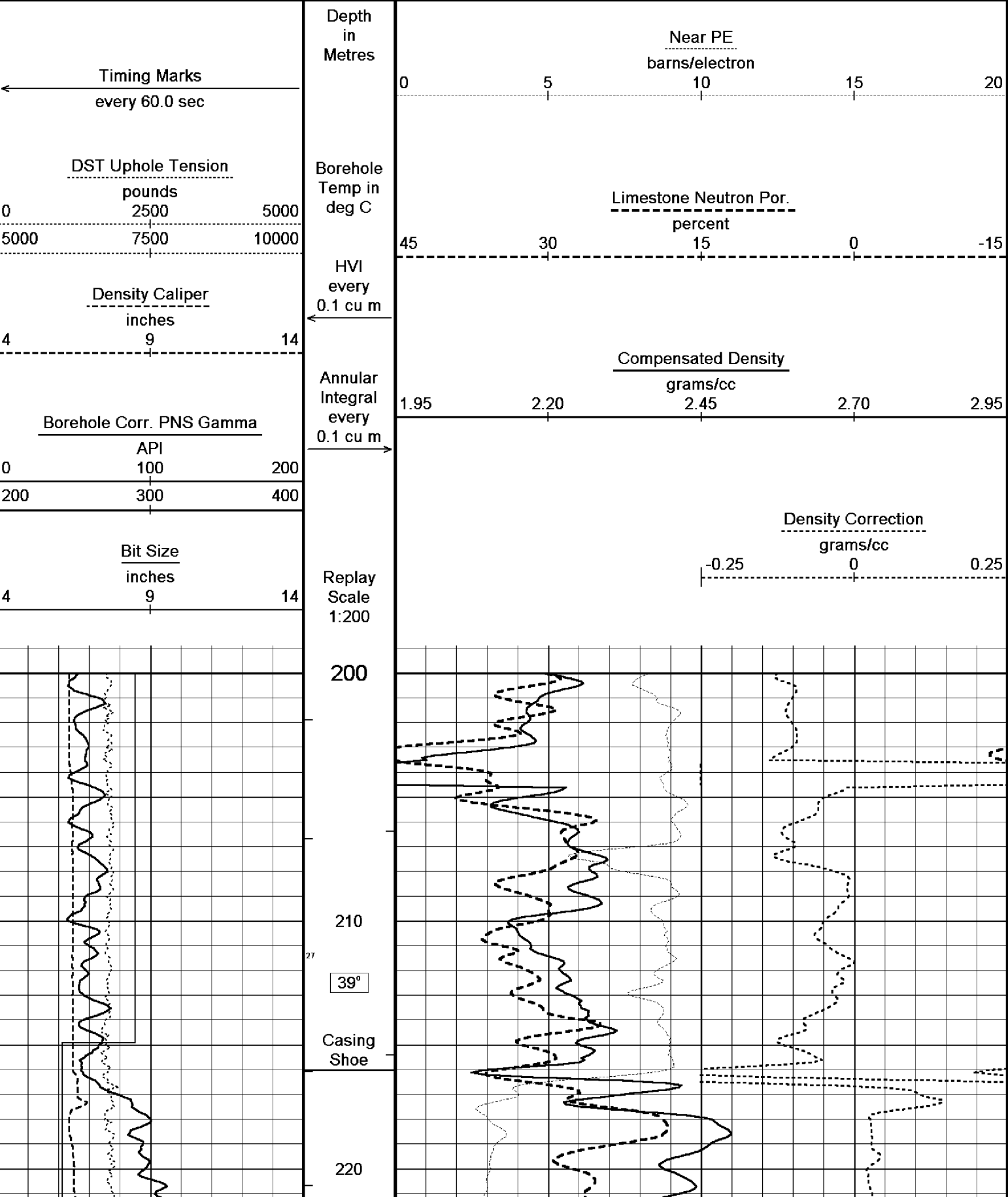
1:200

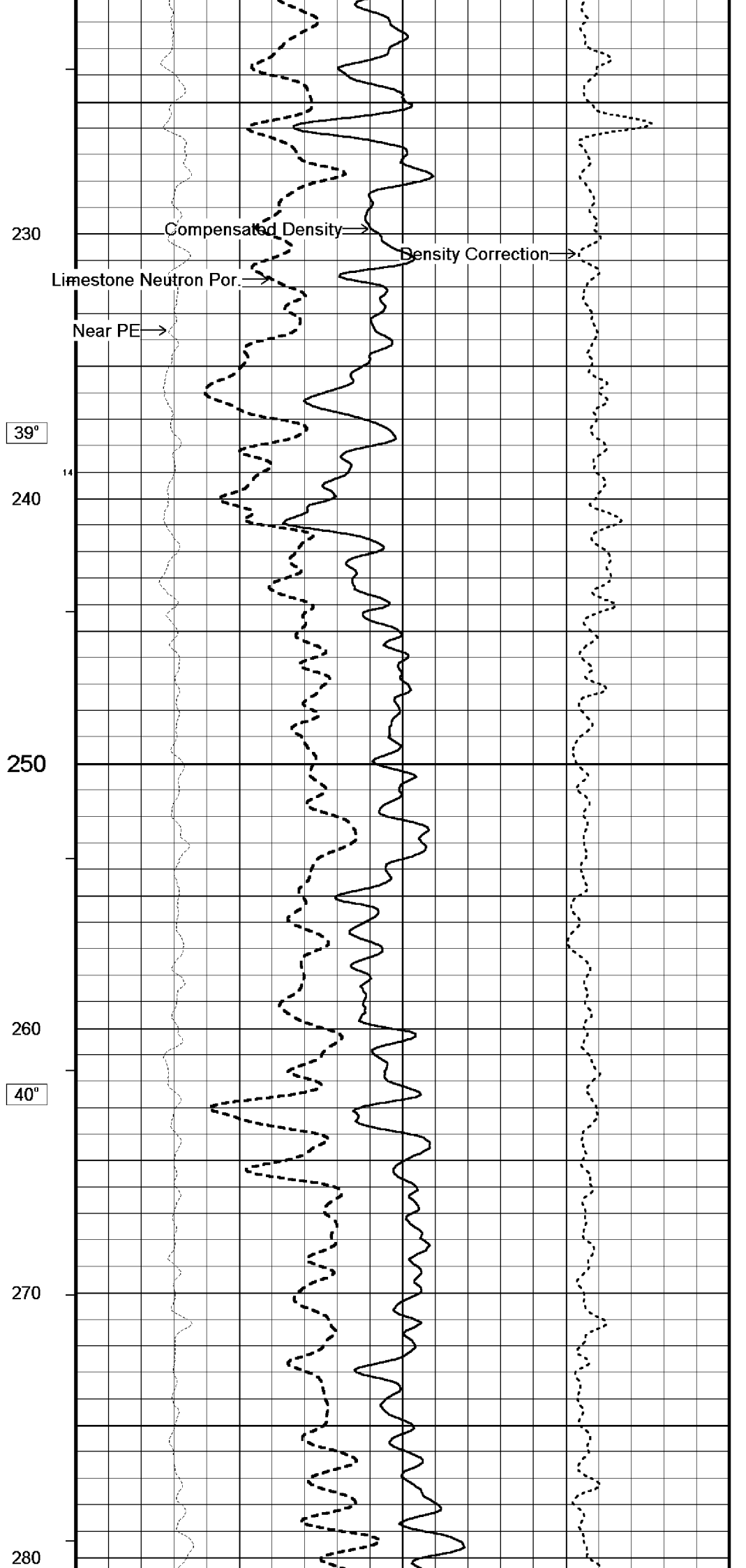
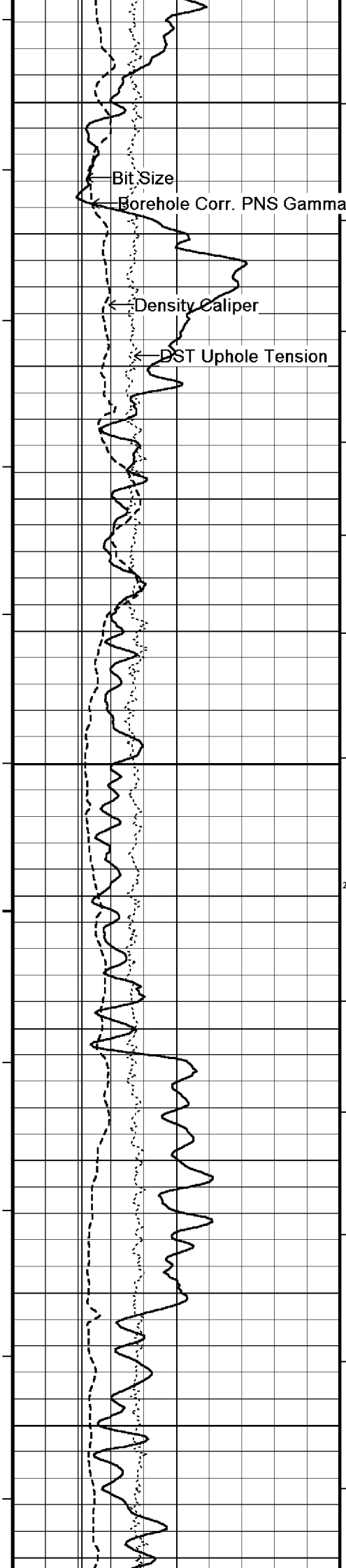
COMPANY	LAKES OIL NL				
WELL	LOY YANG 2				
FIELD	EXPLORATION				
PROVINCE/COUNTRY	VICTORIA				
COUNTRY/STATE	AUSTRALIA				
LOCATION	38° 15' 13" S, 146° 33' 31" E				
FINAL PRINT					
LSD	SEC	TWP	RGE	Other Services	
API Number				DUAL LATEROLOG	
Permit Number PEP 166				MICRO LATEROLOG	
Permanent Datum M.S.L				COMPENSATED SONIC	
Log Measured From R.T @ 107.65				Elevation metres	
Drilling Measured From R.T				above Permanent Datum	
Date	17-MAR-2006				Elevations: KB 107.65 metres DF metres GL 104.00 metres
Run Number	2				
Depth Driller	1443.00			metres	
Depth Logger	1442.08			metres	
First Reading	1440.90			metres	
Last Reading	0.00			metres	
Casing Driller	215.00			metres	
Casing Logger	216.00			metres	
Bit Size	6.13			inches	
Hole Fluid Type	KCL POLYMER				
Density / Viscosity	1.04 g/cc				
PH / Fluid Loss					
Sample Source	FLOWLINE				
Rm @ Measured Temp	0.762 @ 25.0			ohm-m	
Rmf @ Measured Temp	0.711 @ 25.0			ohm-m	
Rmc @ Measured Temp	0.813 @ 25.0			ohm-m	
Source Rmf / Rmc	PIT			PRESS	
Rm @ BHT	0.363 @ 75.0			ohm-m	
Time Since Circulation	7HRS				
Max Recorded Temp	75.00			deg C	
Equipment Name	OILFIELD				
Equipment / Base	8			SALE	
Recorded By	TIM HANSEN				
Witnessed By	TIM O'BRIEN, BEN EDWARDS				
Circ. Stop	17:18/16-MAR				

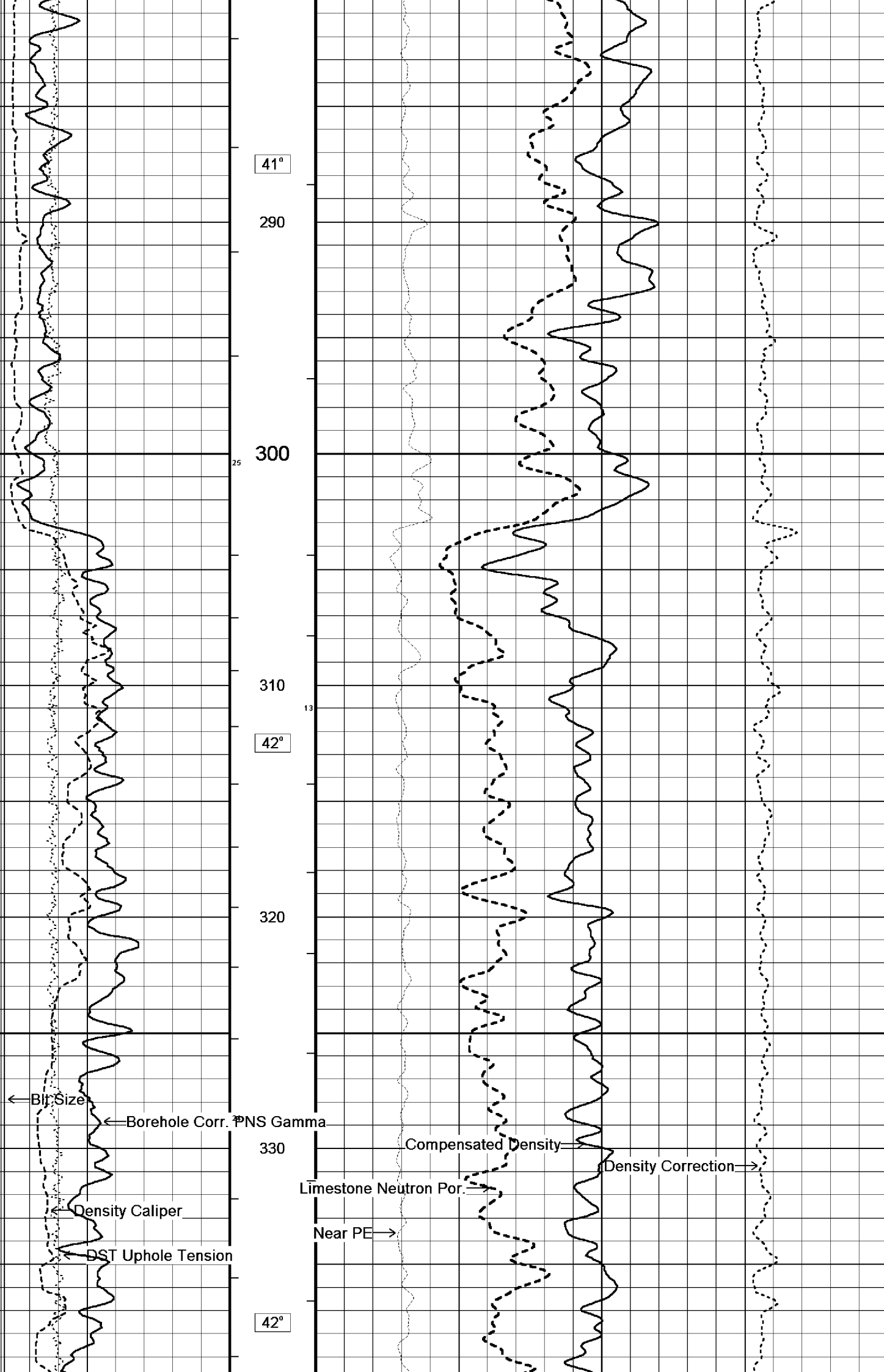
BOREHOLE RECORD				
Bit Size inches		Depth From metres	Depth To metres	
8.500		0.00	215.00	
6.125		215.00	1441.00	
CASING RECORD				
Type	Size inches	Depth From metres	Shoe Depth metres	Weight pounds/ft
SURFACE	9.625	0.00	25.00	36.00
BUTTRESS	7.000	25.00	215.00	26.00

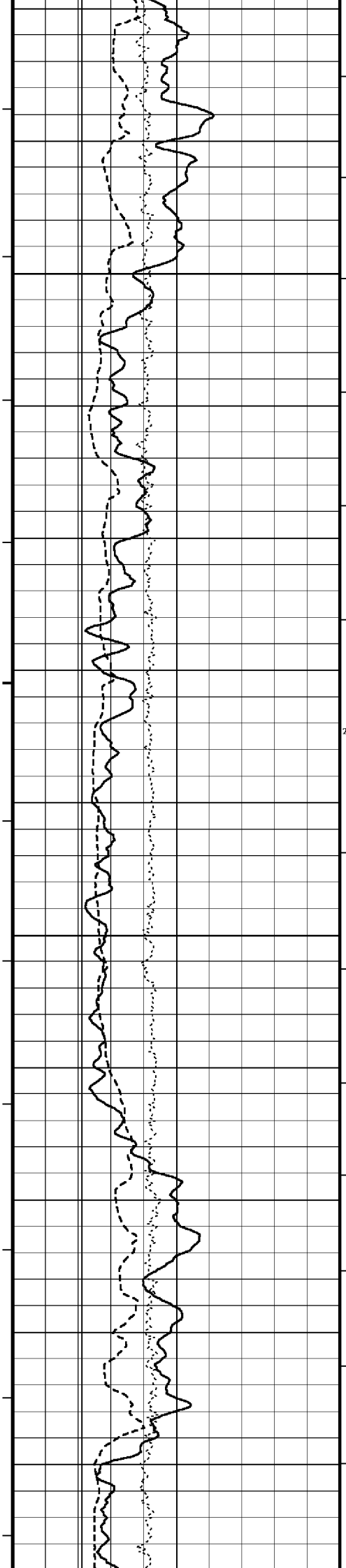
REMARKS
1) SOFTWARE ISSUE: JUN 17, 2004.
2) LAKES OIL APPROVED SCALES AND INTERVALS LOGGED.
3) RUN ONE: HFS, MRS, DLE, DLP, ATS, WPS, SBT RAN IN COMBINATION.
RUN TWO: HFS, PDS, CNS RAN IN COMBINATION
RUN THREE: AST, BGN RAN IN COMBINATION
4) HARDWARE: MRS: ONE 0.5" INCH STANDOFF
ATS: THREE 0.5" INCH STANDOFF
WPS: ONE 0.5" INCH STANDOFF
CNS: ONE SINGLE BOWSPRING
AST: ONE CENTRALISER BASKET
BGN: ONE CENTRALISER BASKET
5) SERVICE ORDER: 2800
6) RIG: HUNT ENERGY 2
PRINTS: 2 FIELD, 2 FINAL
7) TOTAL HOLE VOLUME FROM TD TO SURFACE CASING = 27.9 CU.M.
8) TOTAL ANNULAR VOLUME WITH 4.5 INCH CASING = 14.2 CU.M
9) SONIC CASING SIGNAL AT 151.6 M.
10)MAX DEVIATION UNKNOWN: OVER 10DEGREES.
11)DRILLING FLUID VISCOSITY AND PH LEVELS NOT SUPPLIED.

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.









340

350

360

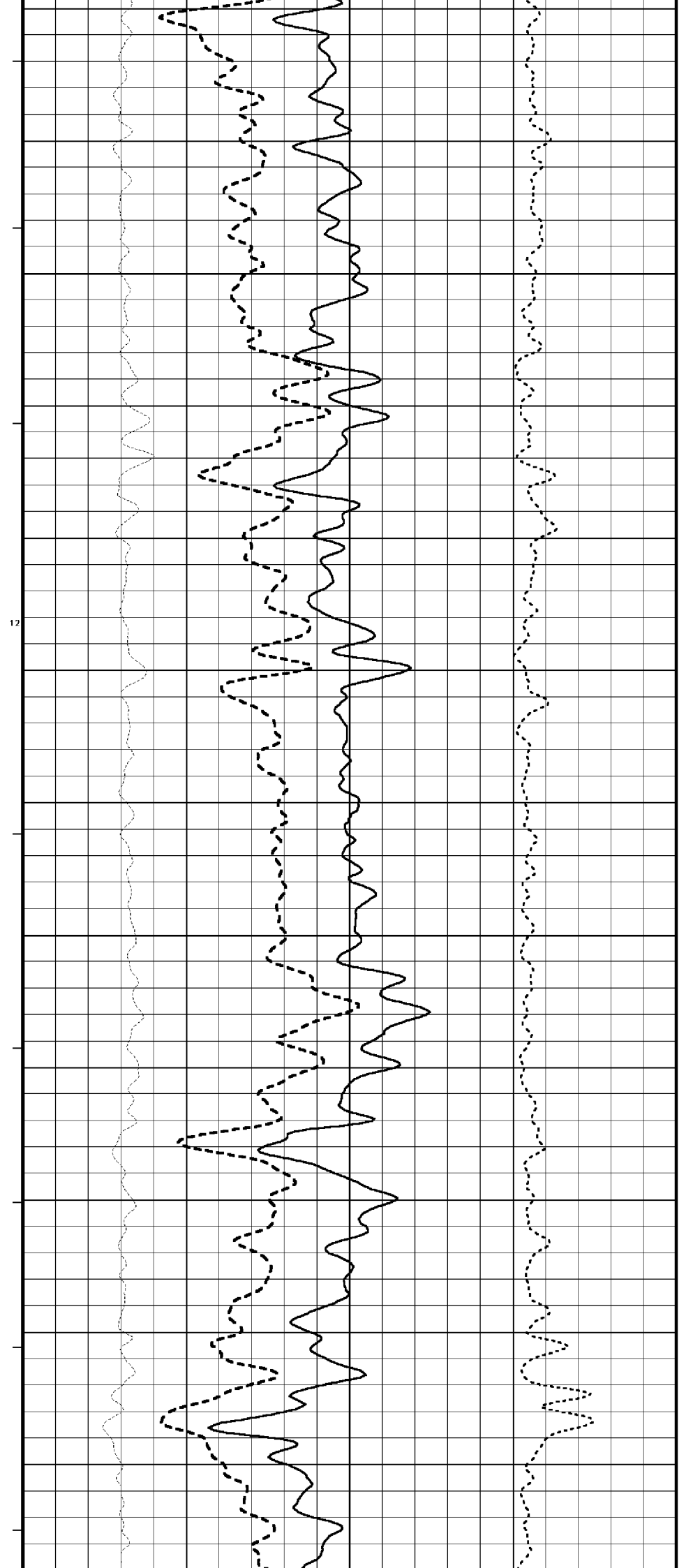
43°

370

380

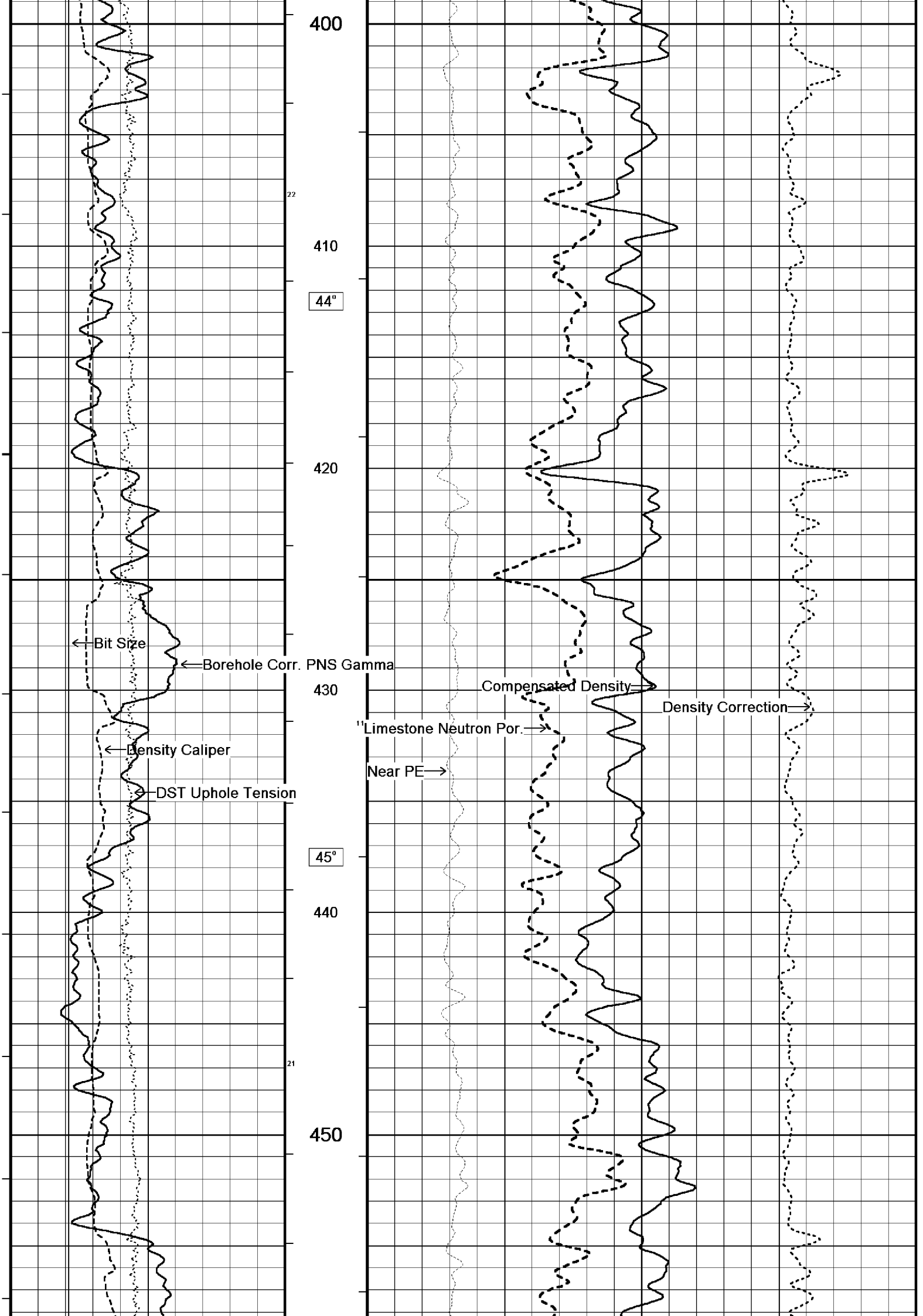
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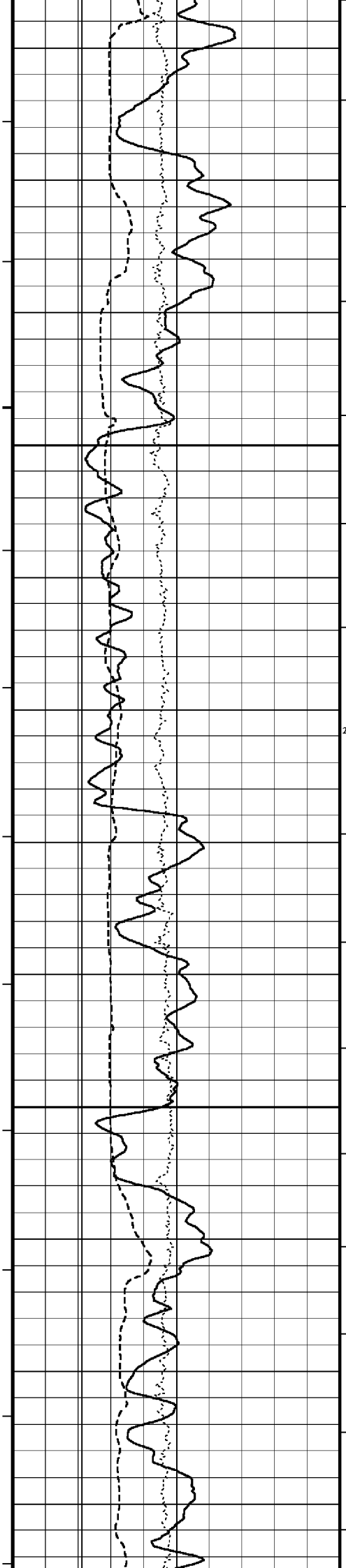
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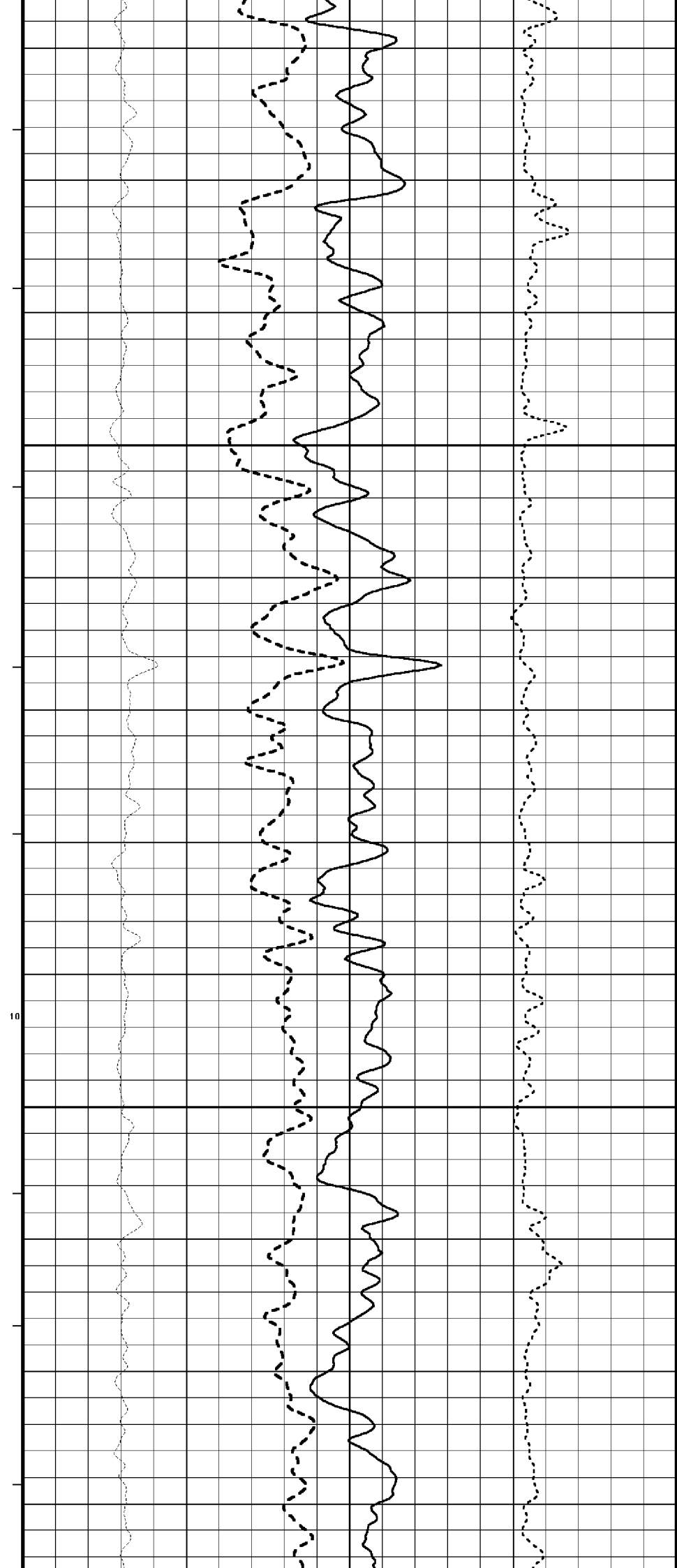
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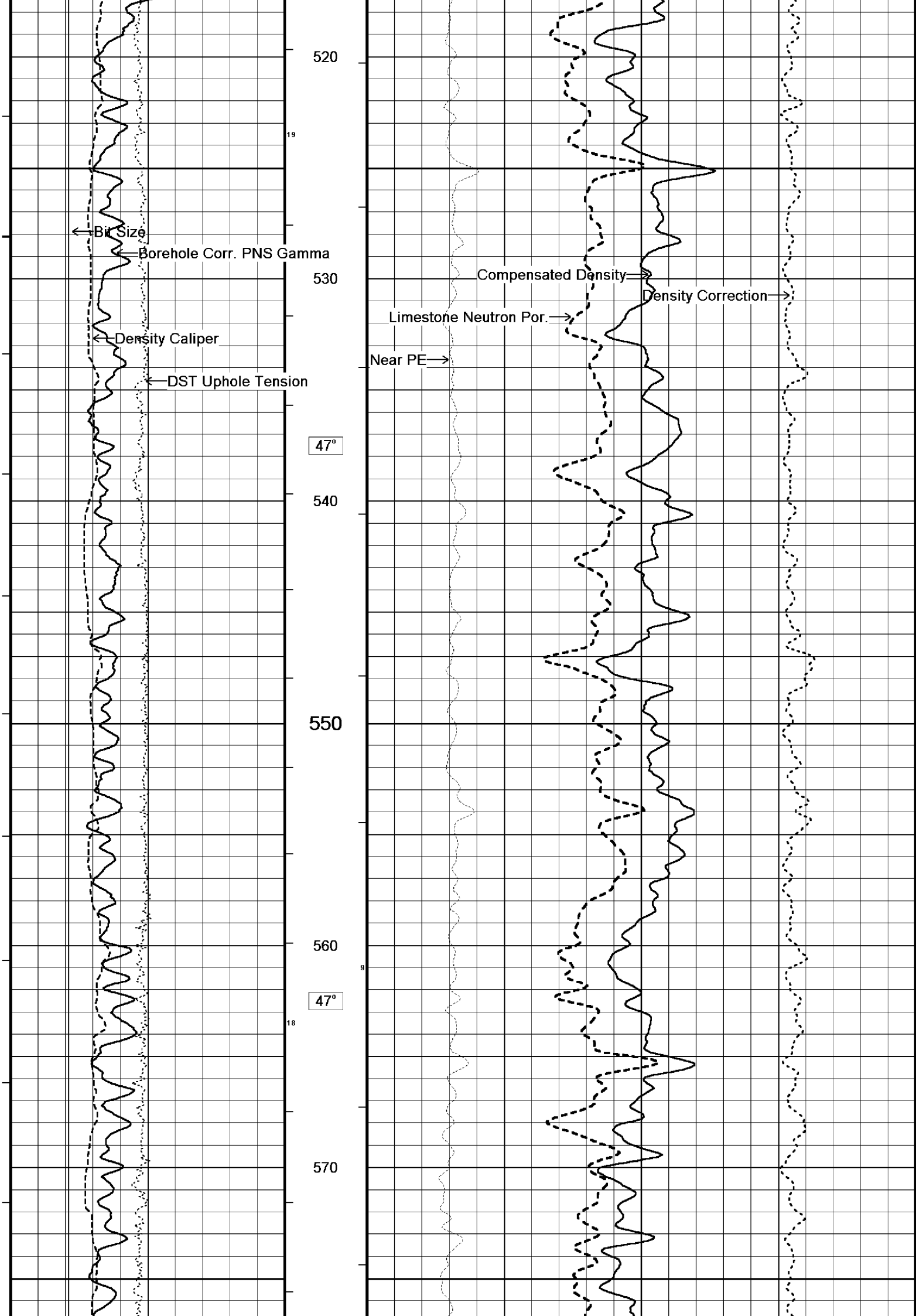
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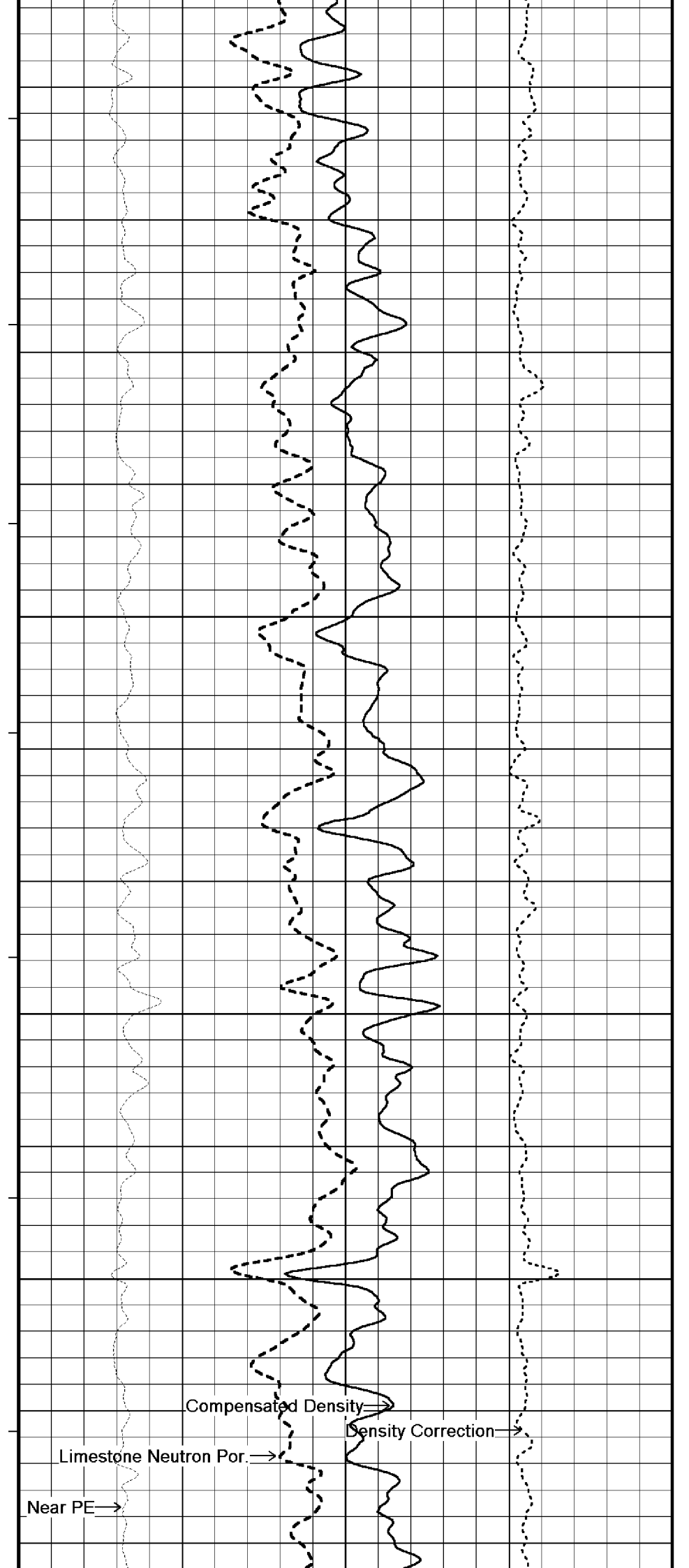
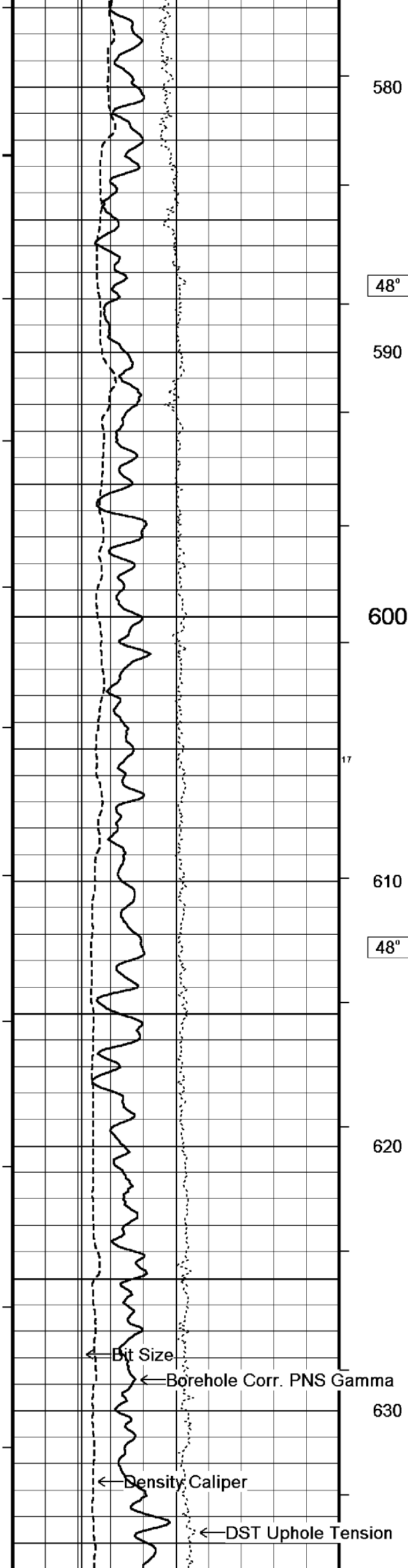


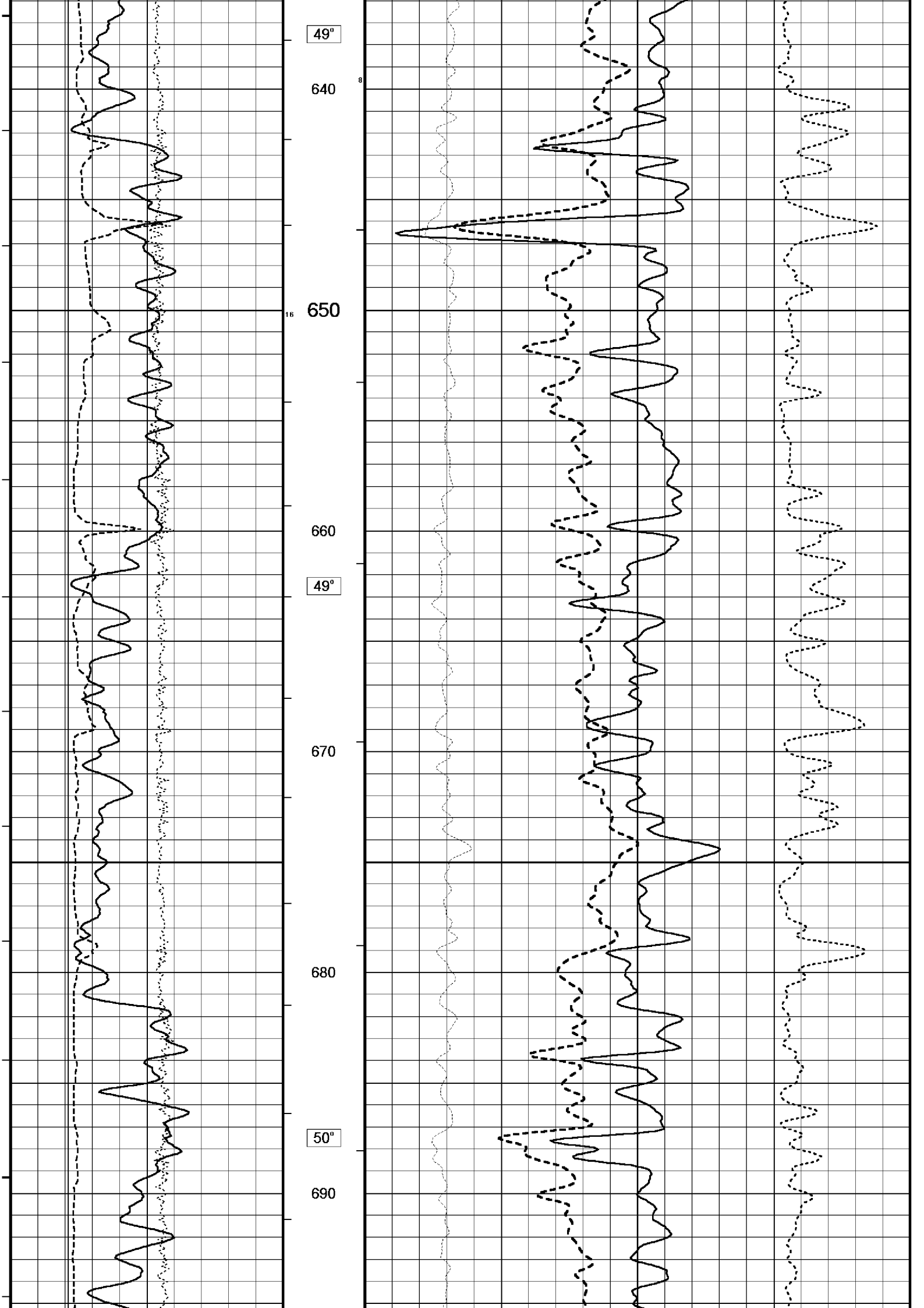


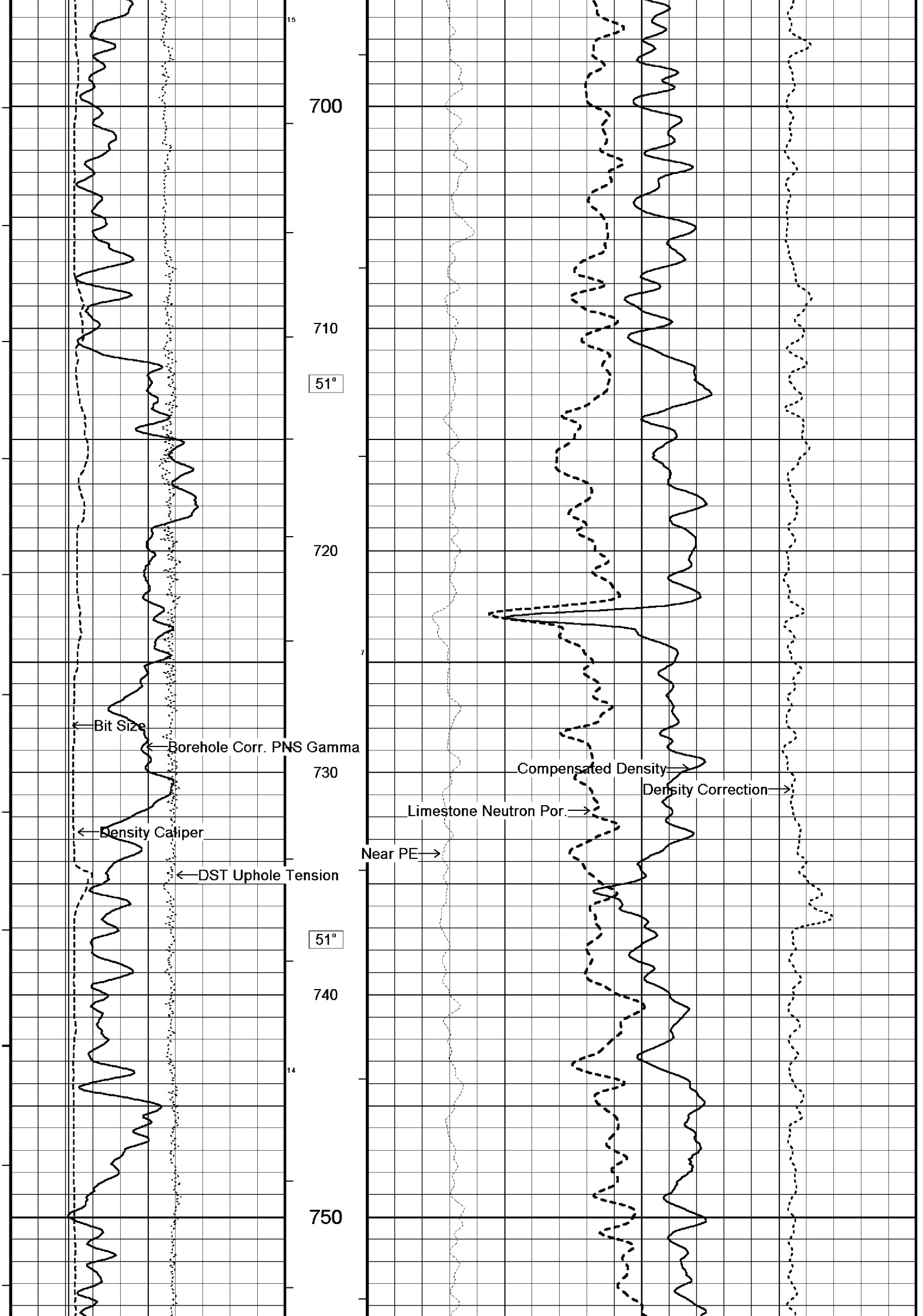
460
45°
470
480
20
46°
490
10
500
510
46°

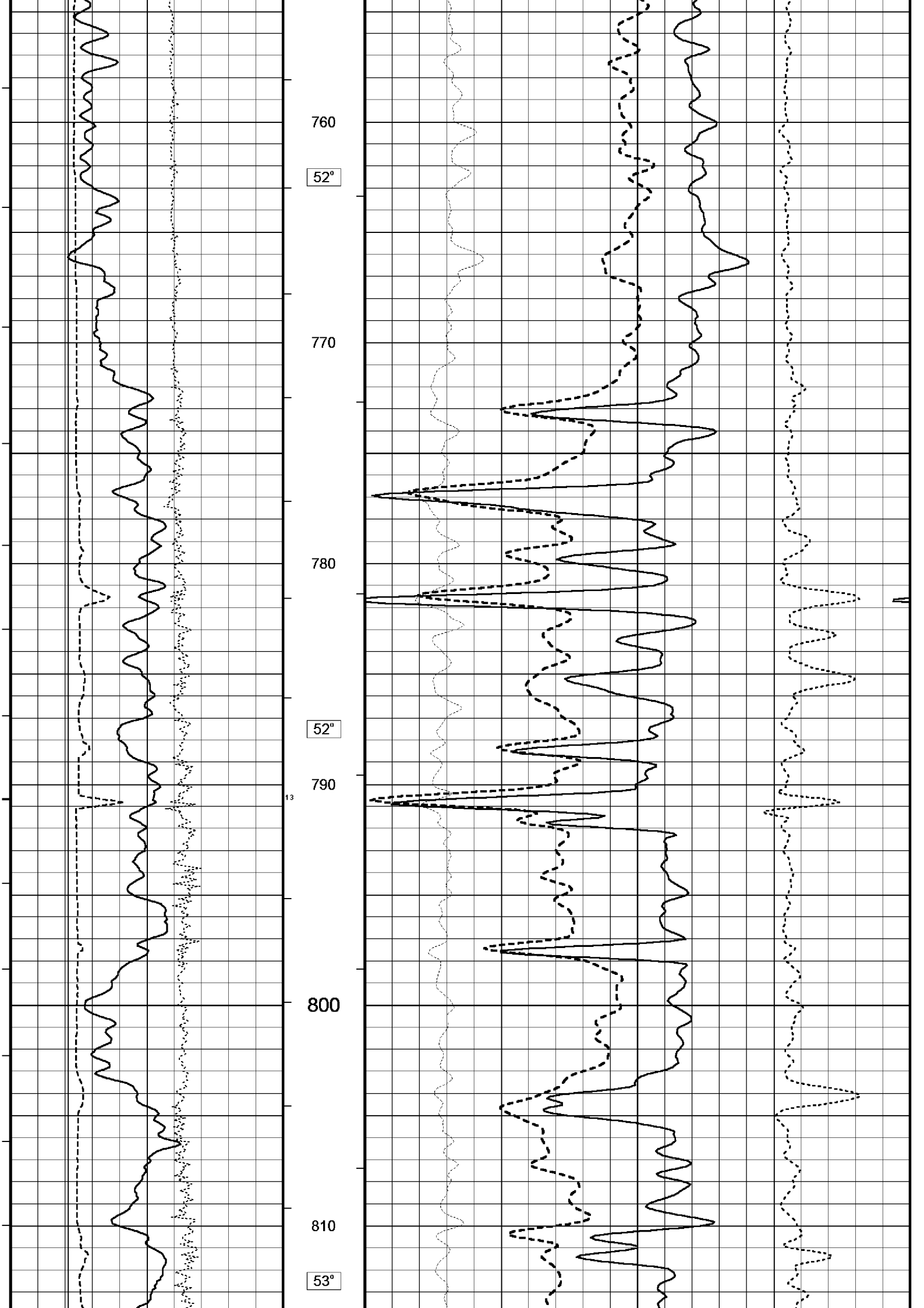


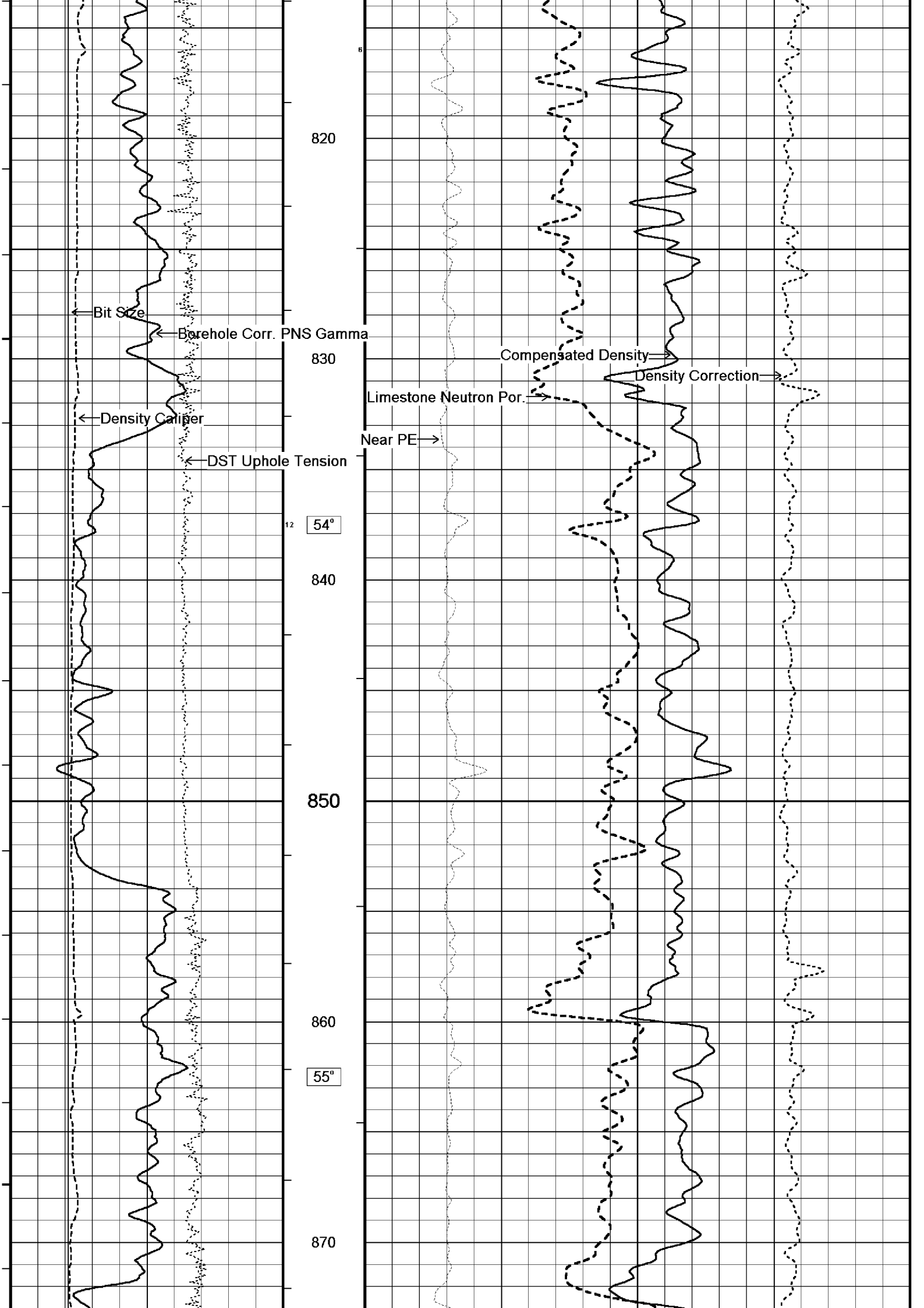


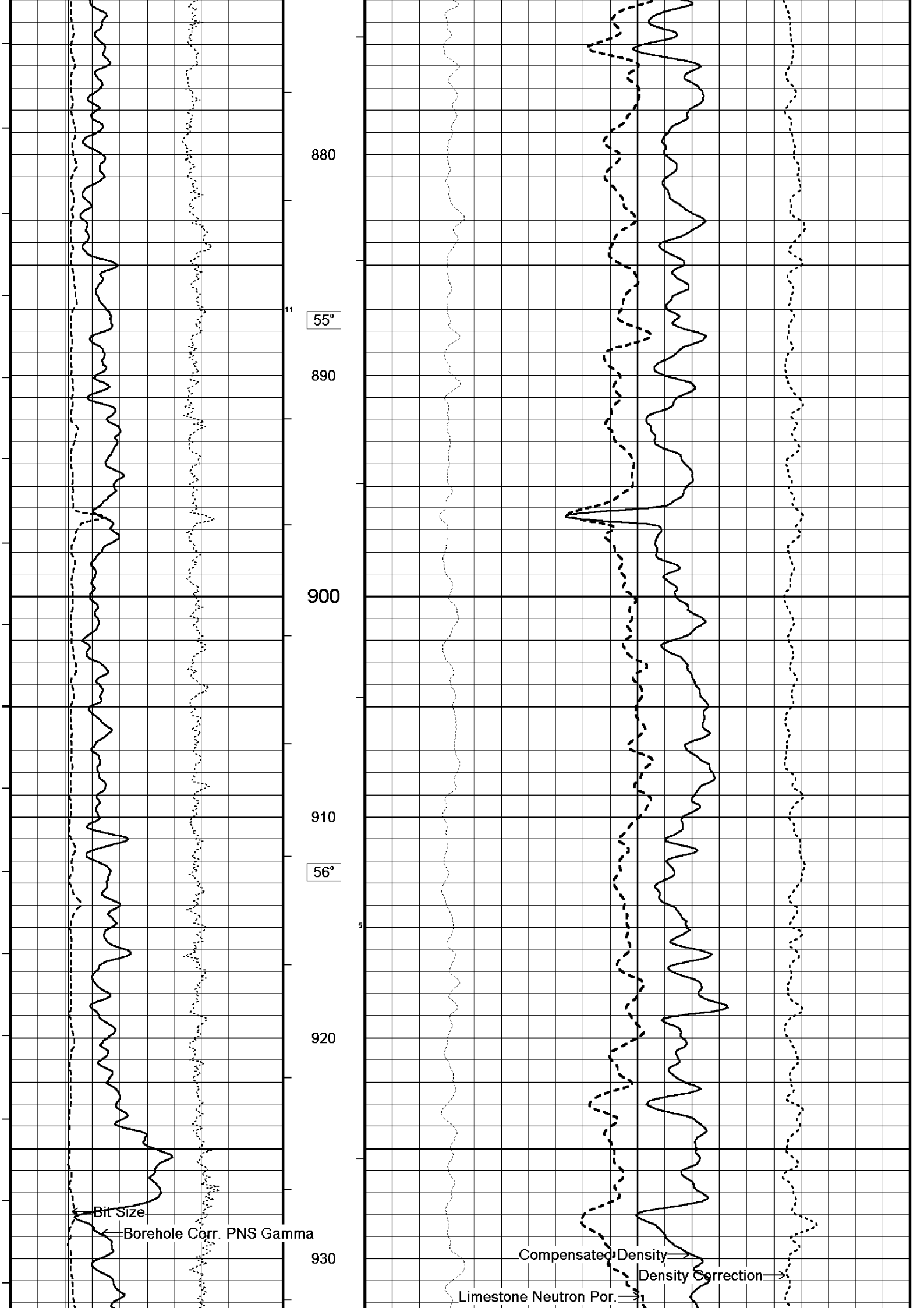


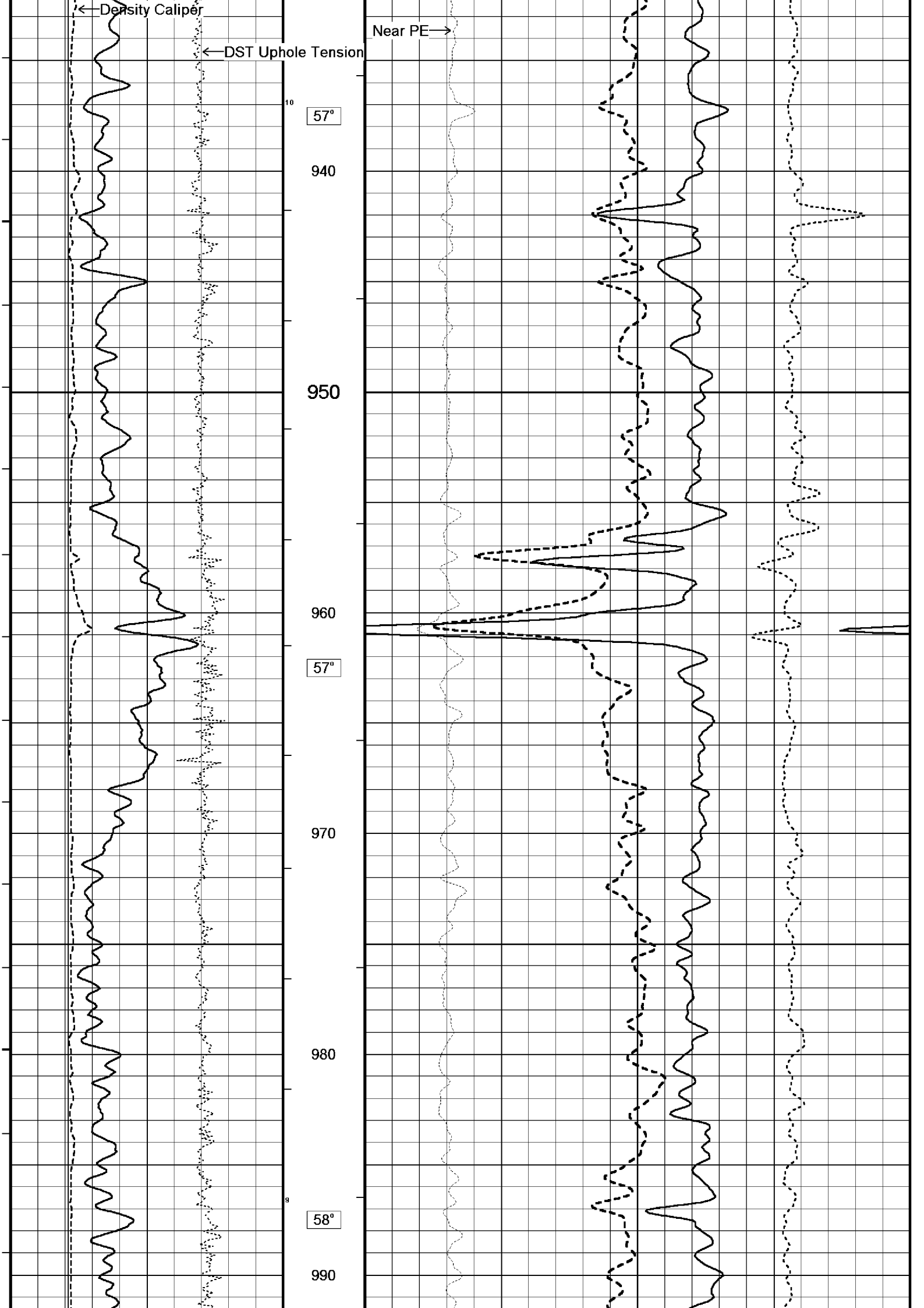


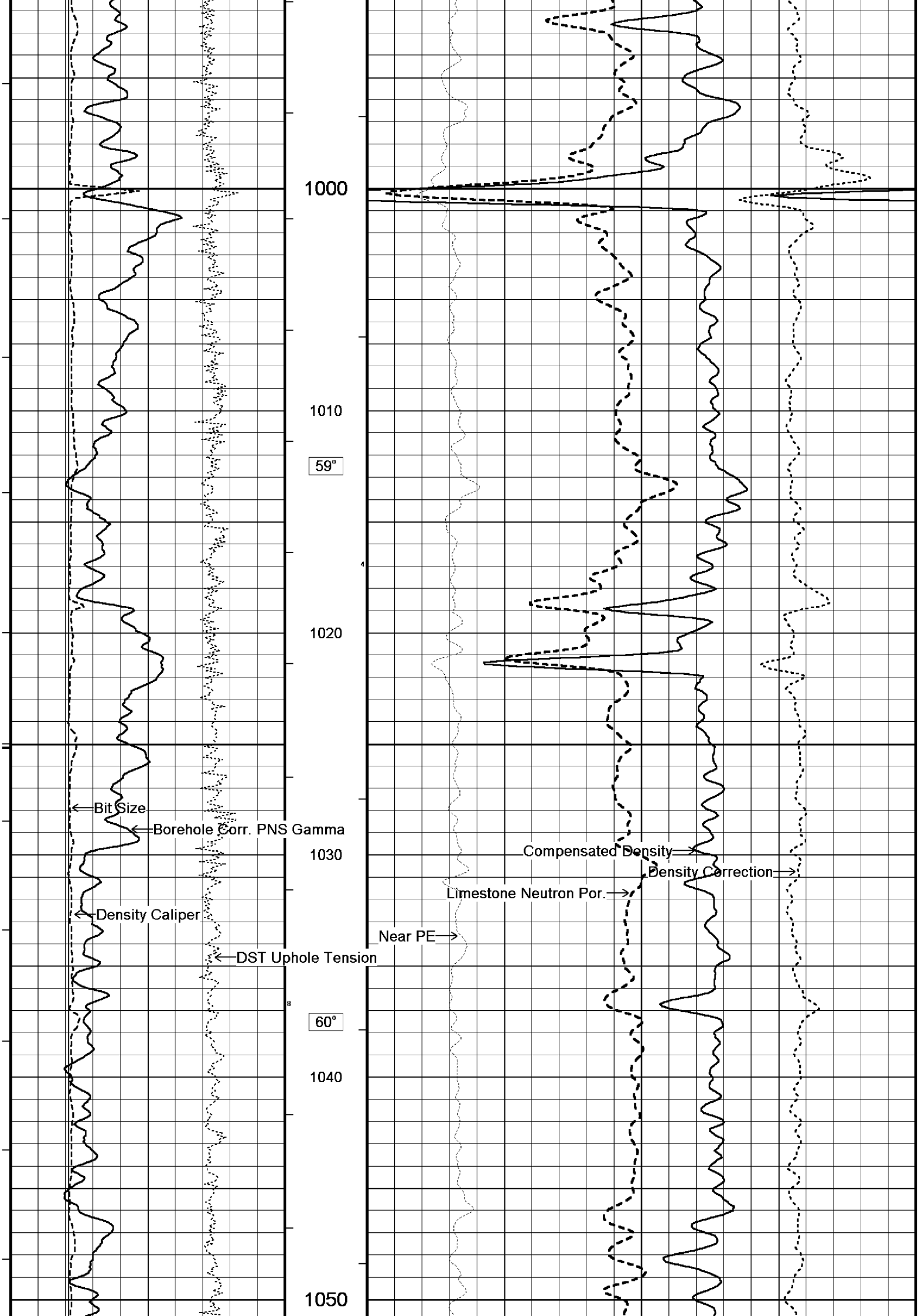


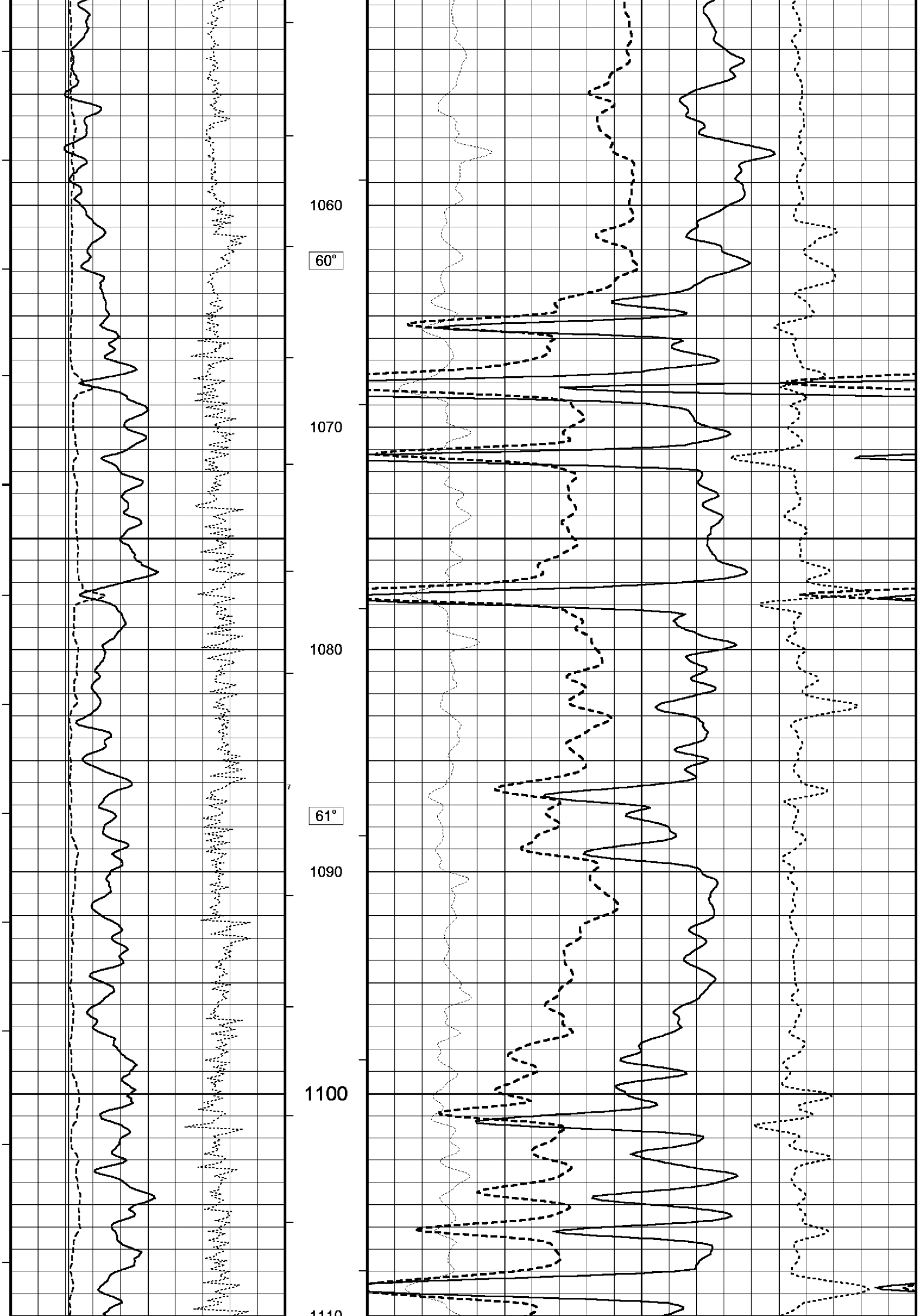


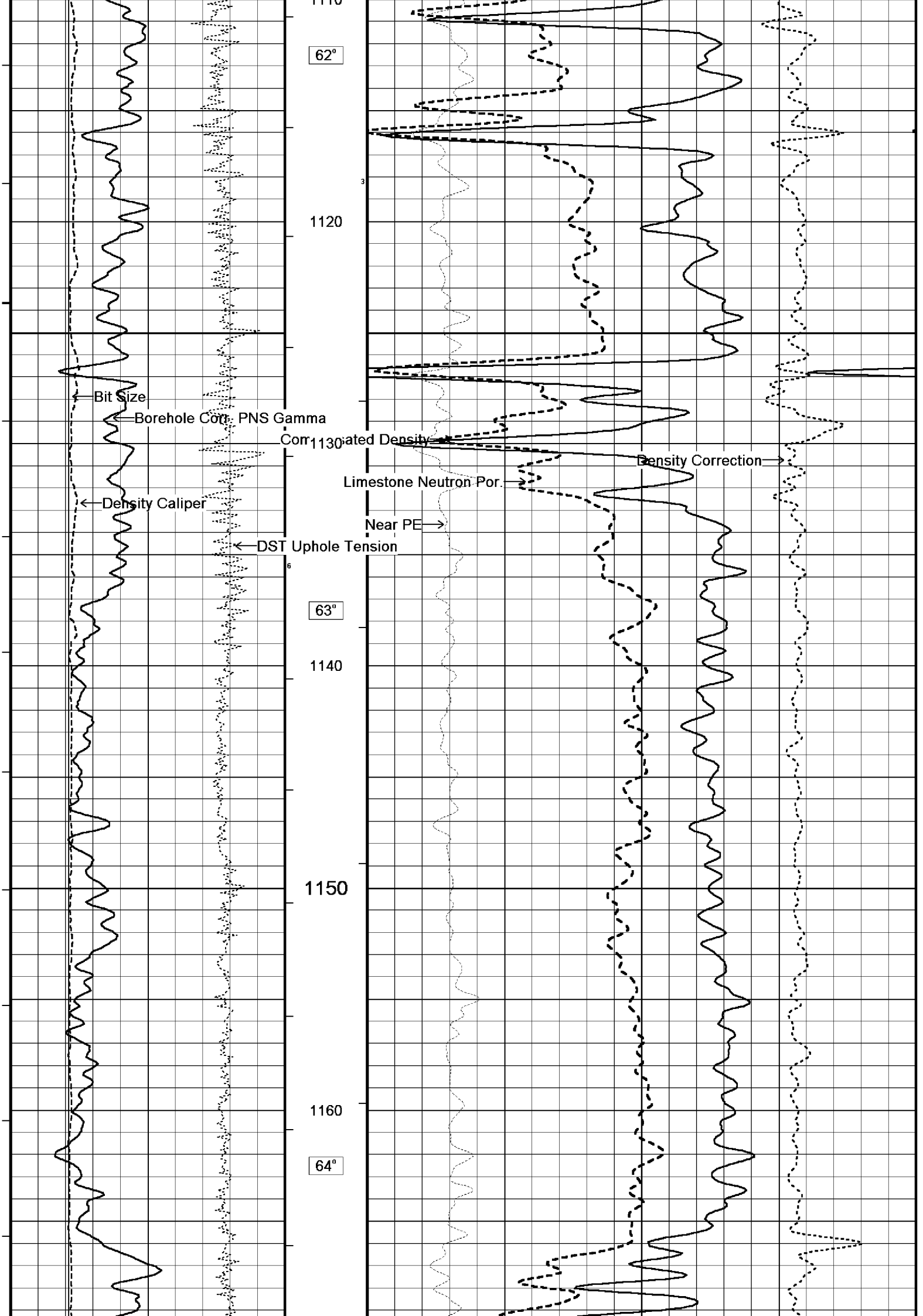


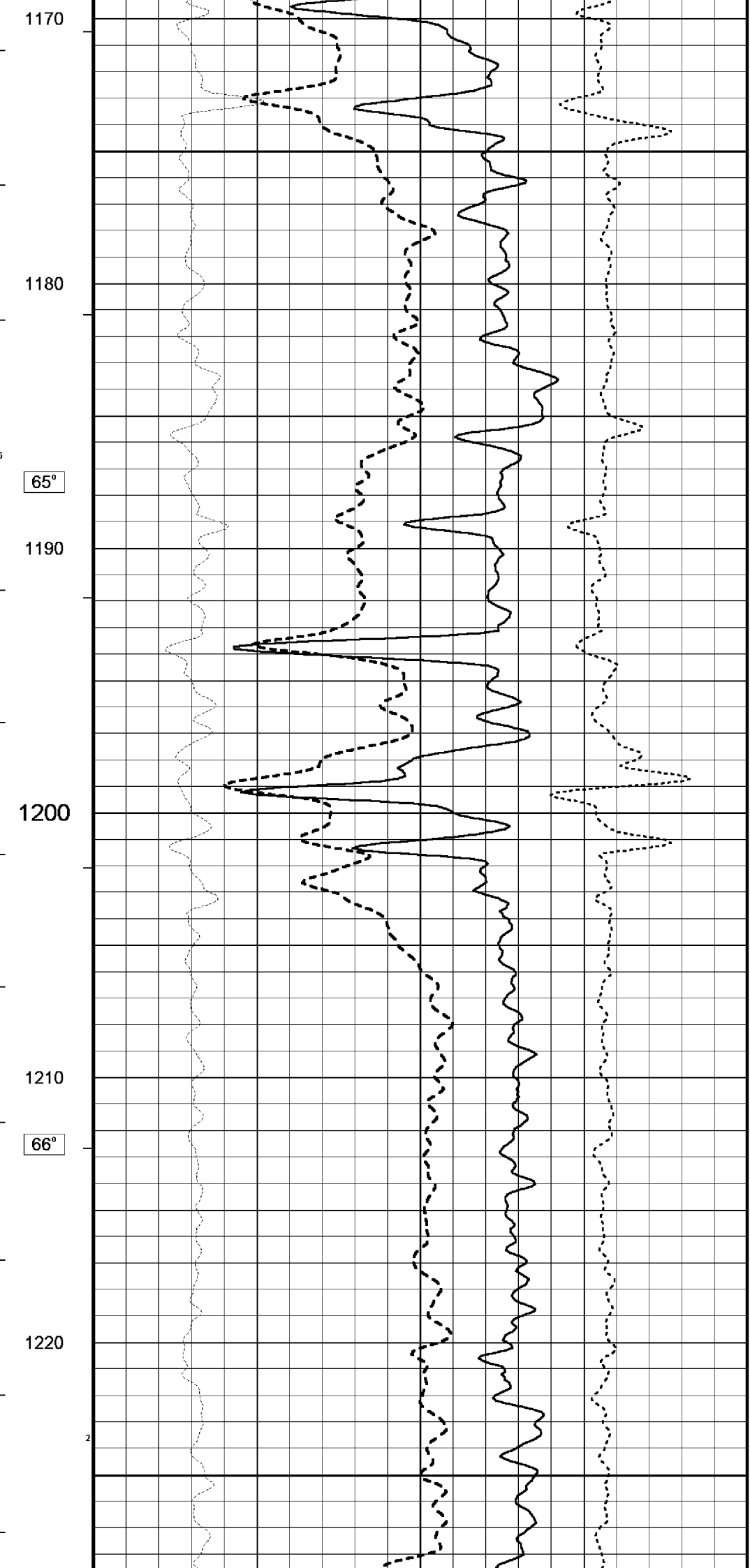
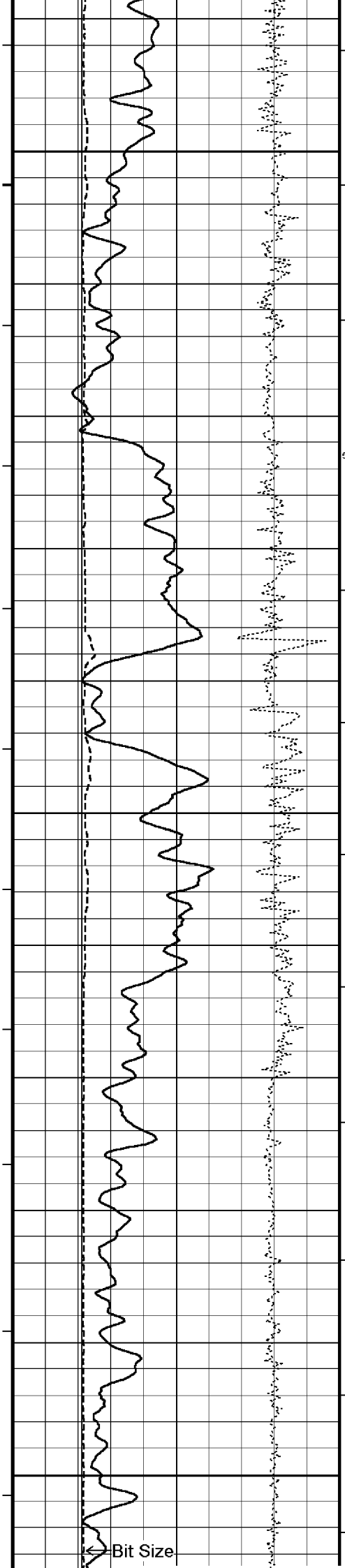


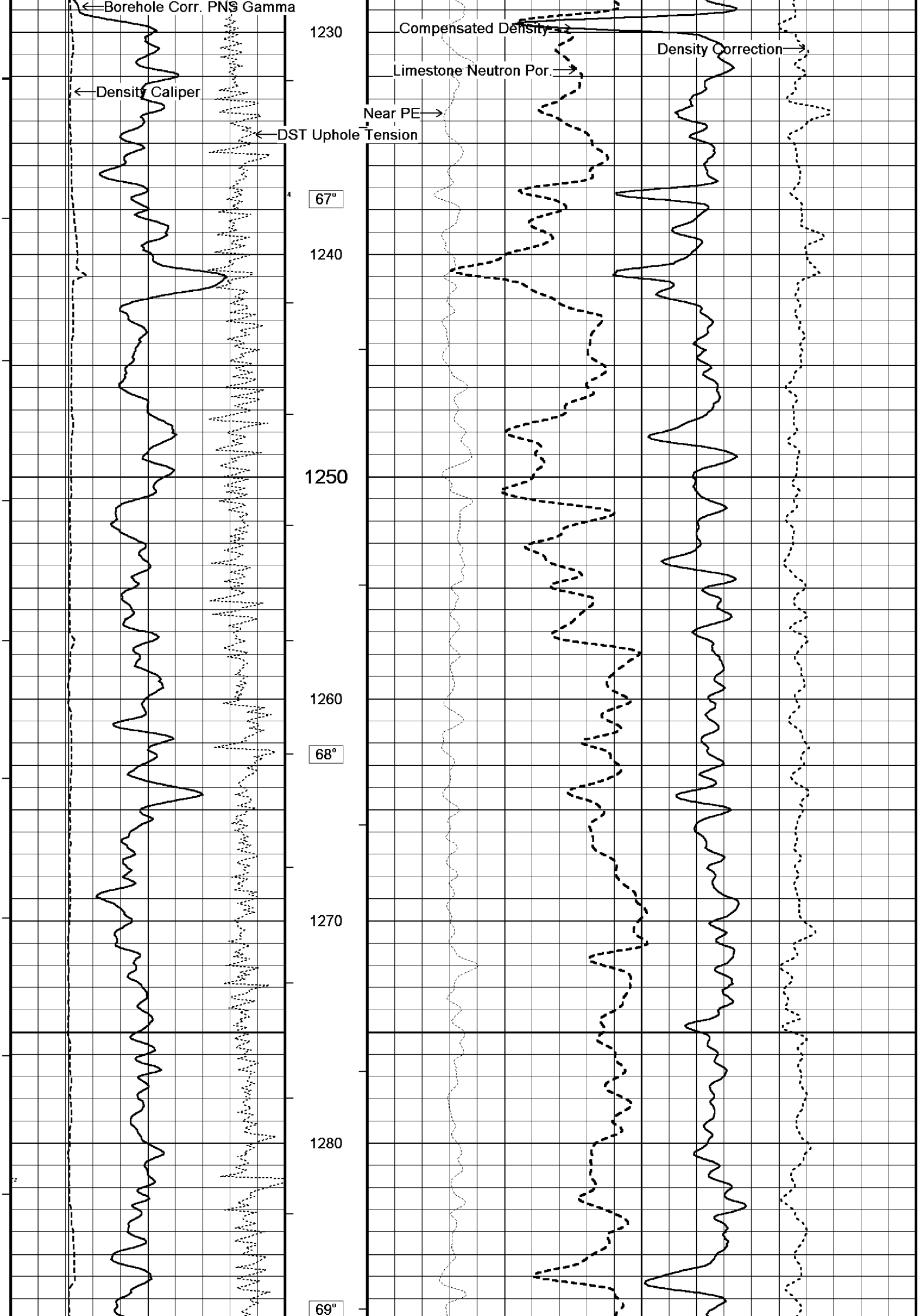


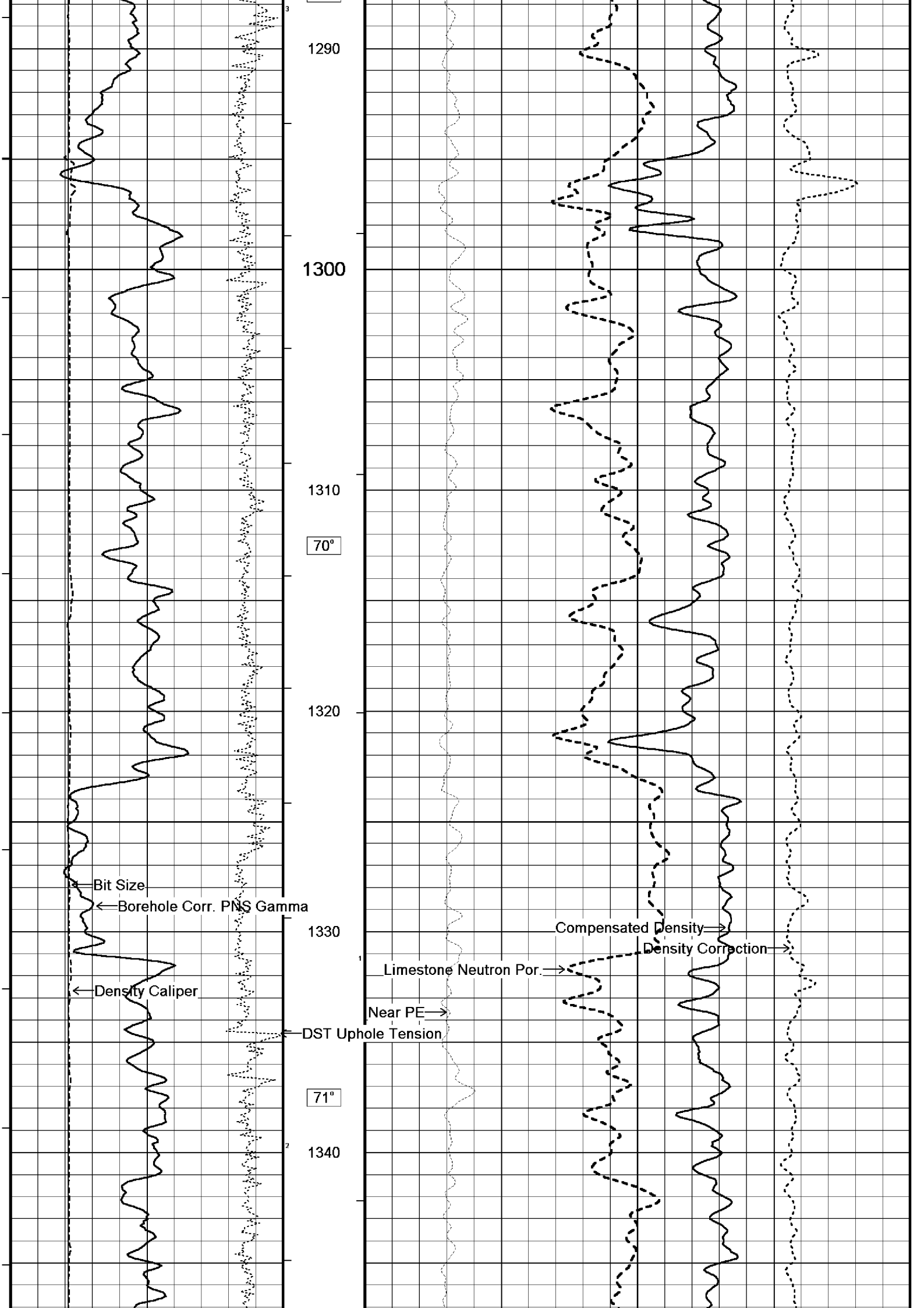


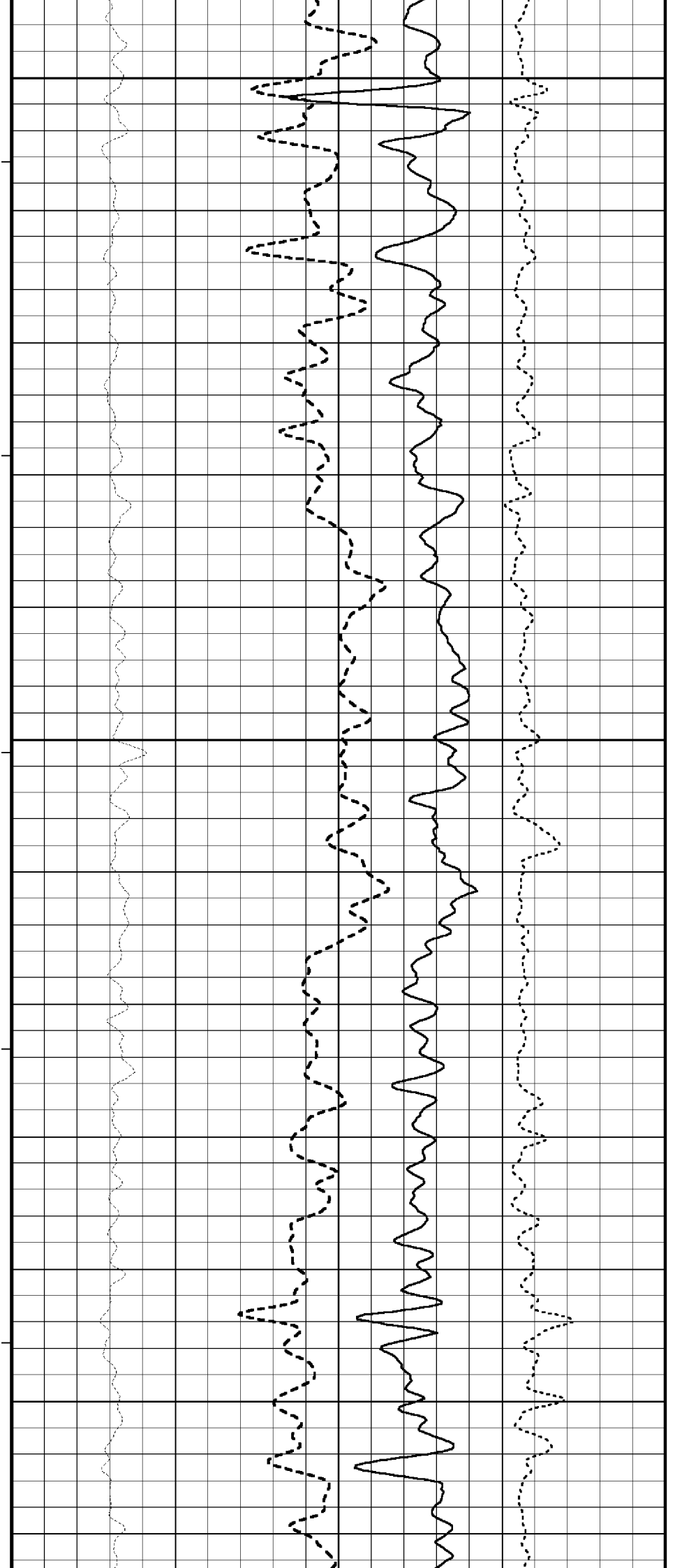
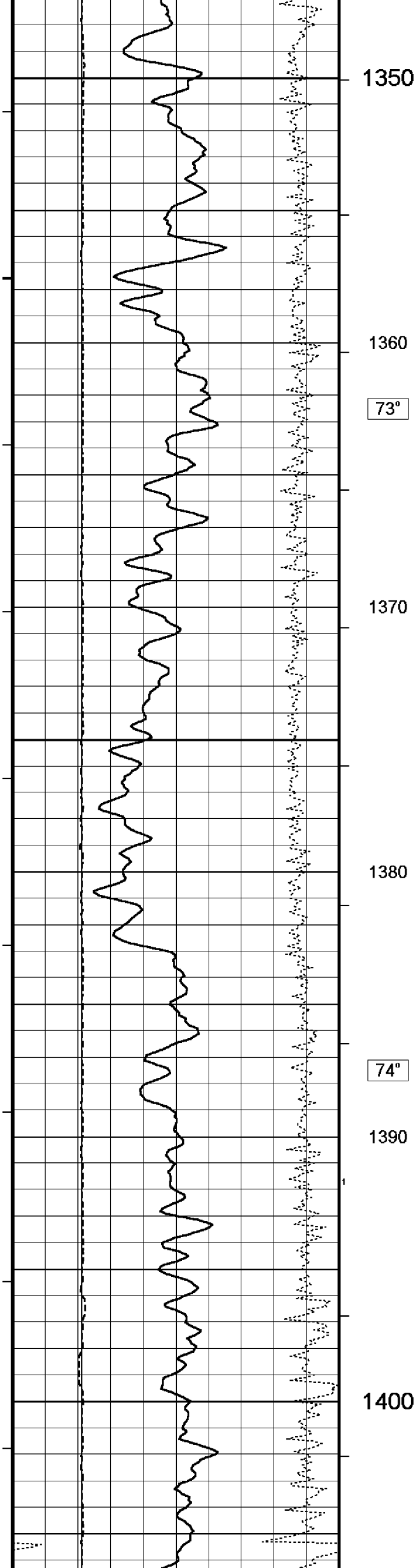


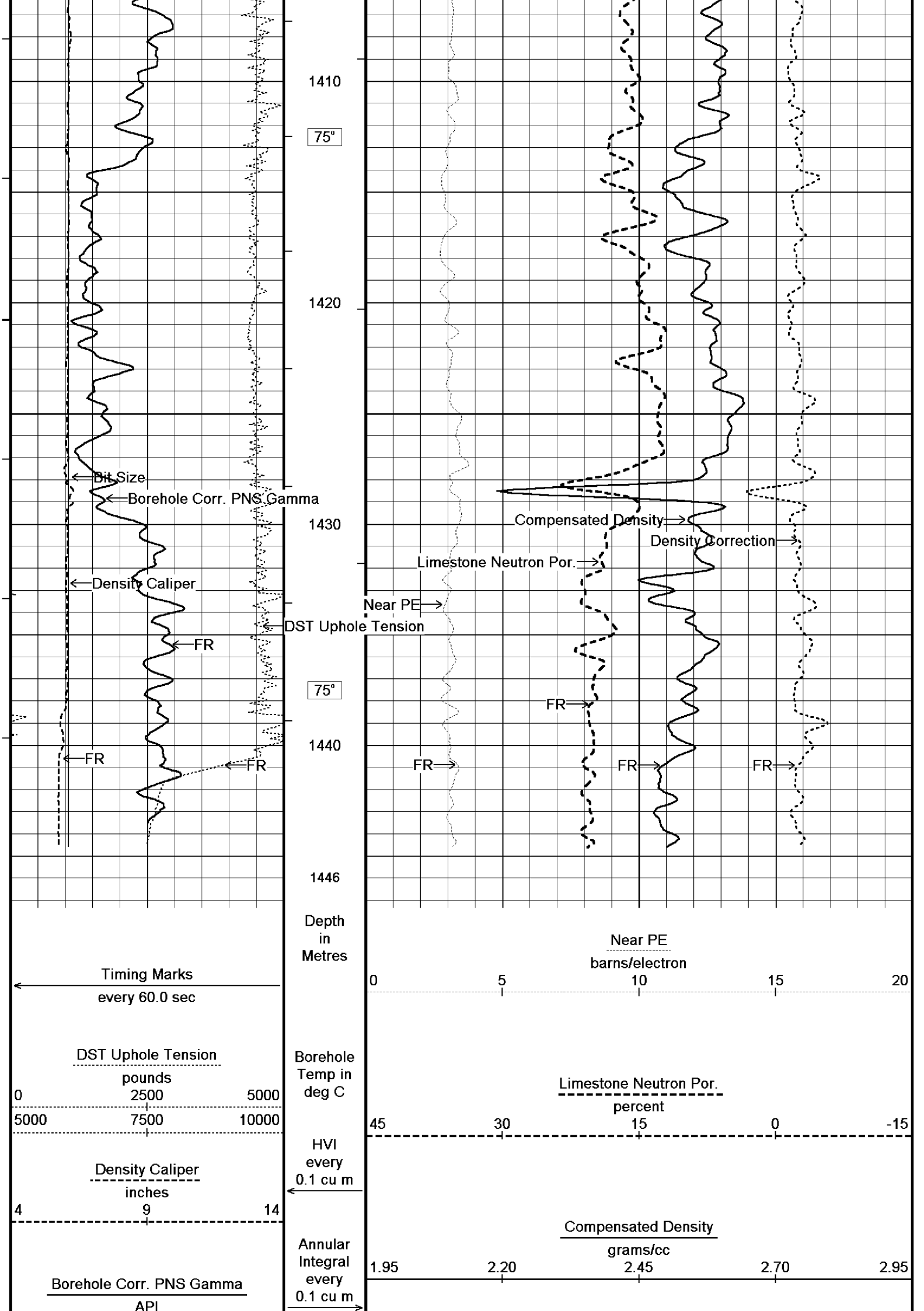


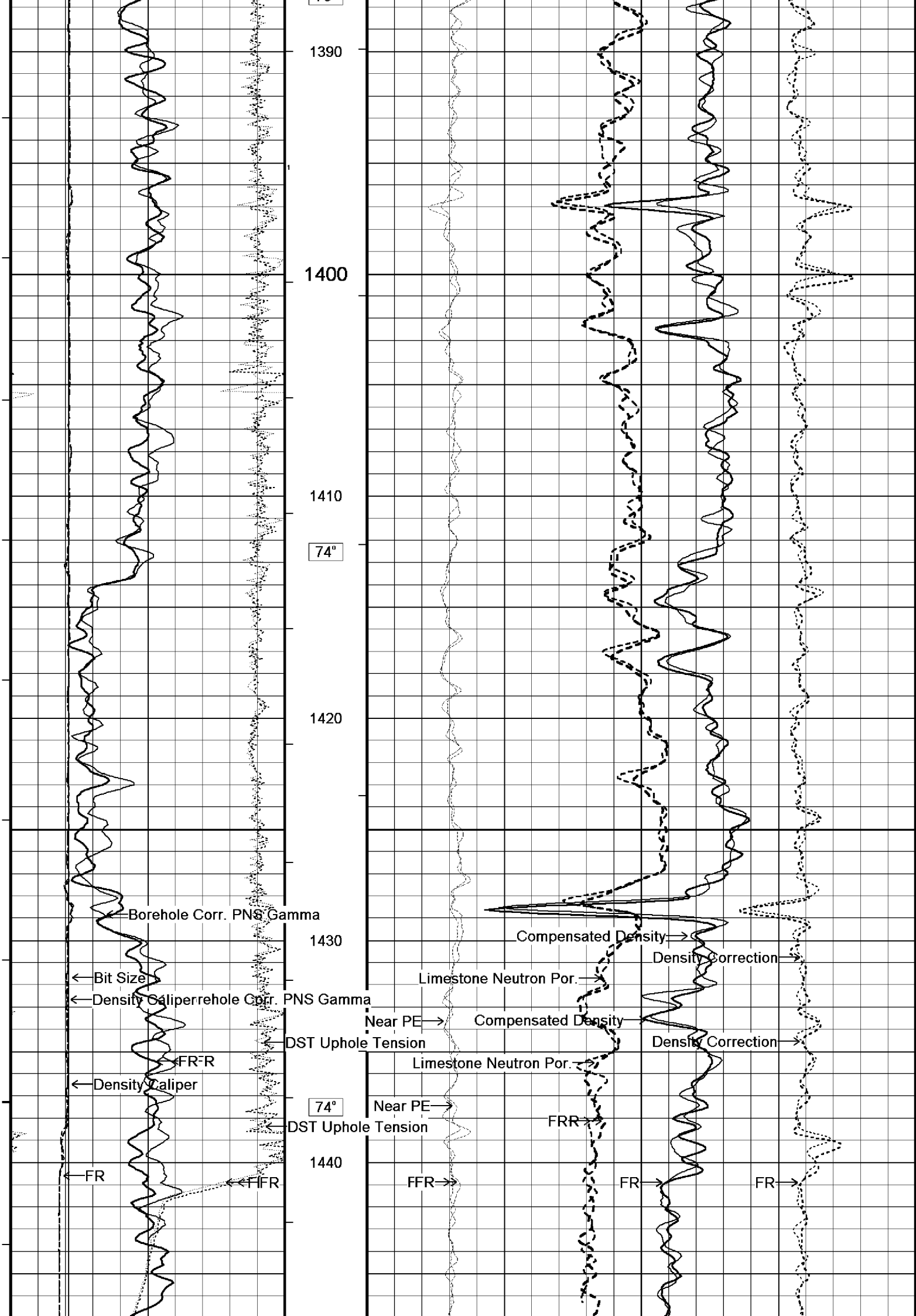


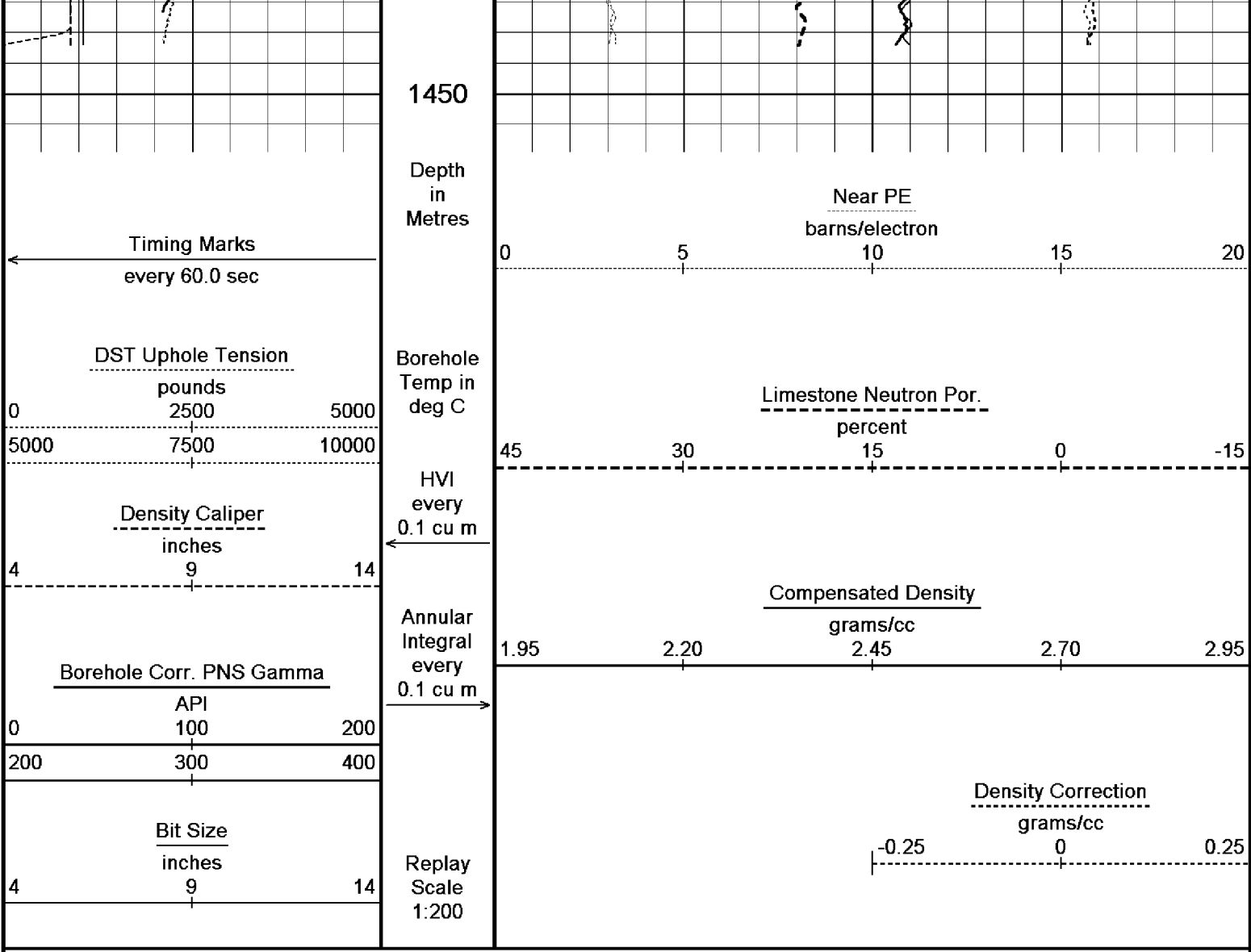












Depth Based Data - Maximum Sampling Increment 10.0cm	Plotted on 30-MAR-2006 10:19
Filename: W:\LakesOil\RepeatSec-LRES.dta	Recorded on 17-MAR-2006 07:38
Filename: W:\LakesOil\MAINLOG-CNS-LRES.dta	Recorded on 17-MAR-2006 08:02
System Configuration Dates: Logged 17-JUN-2004: Processed 17-JUN-2004: Plotted 17-JUN-2004:	

↑

REPEAT SECTION
MAIN LOG 1:200

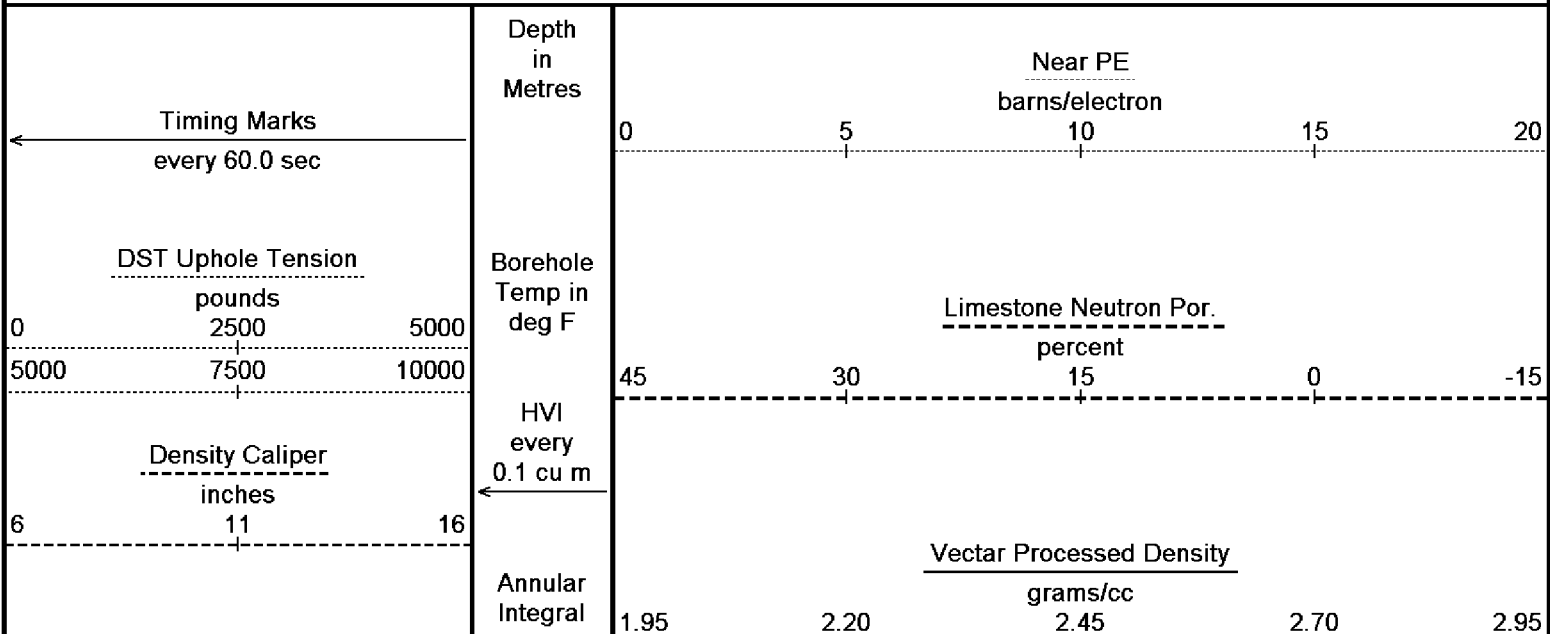
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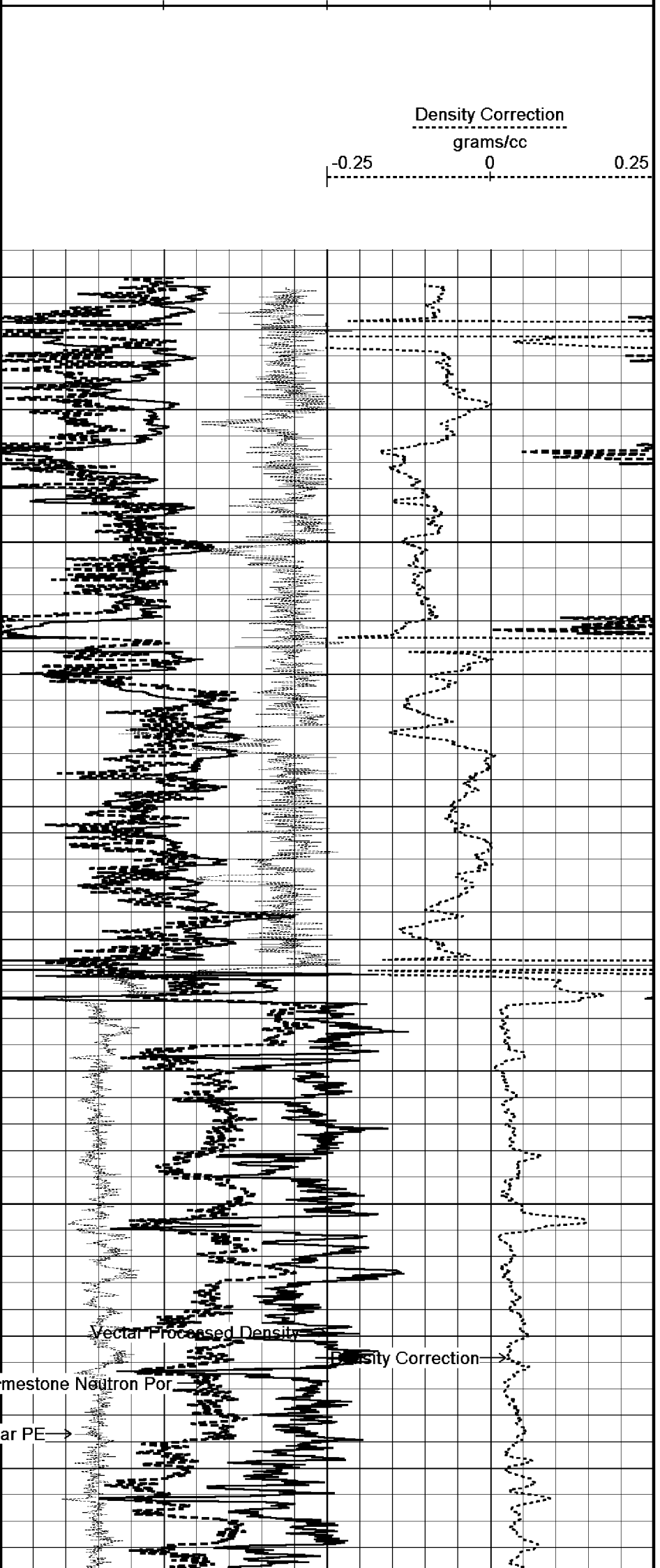
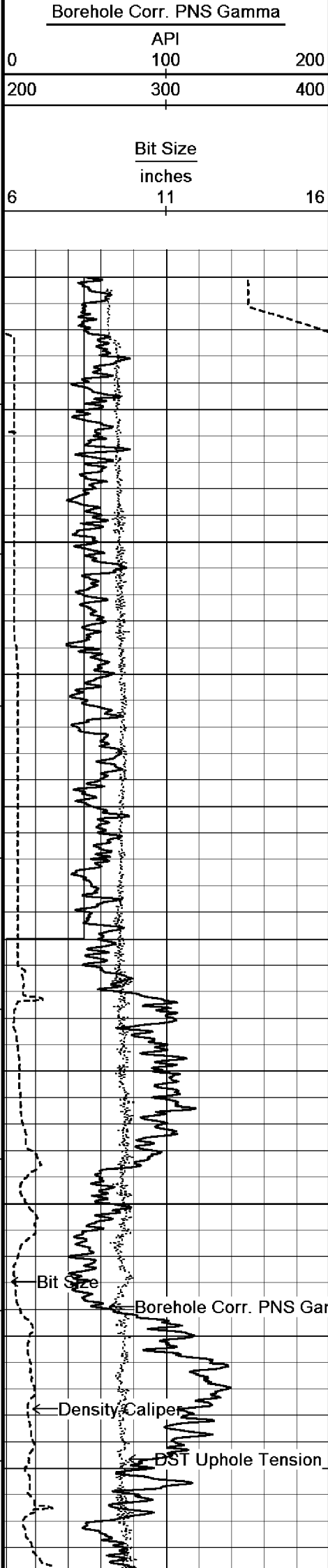
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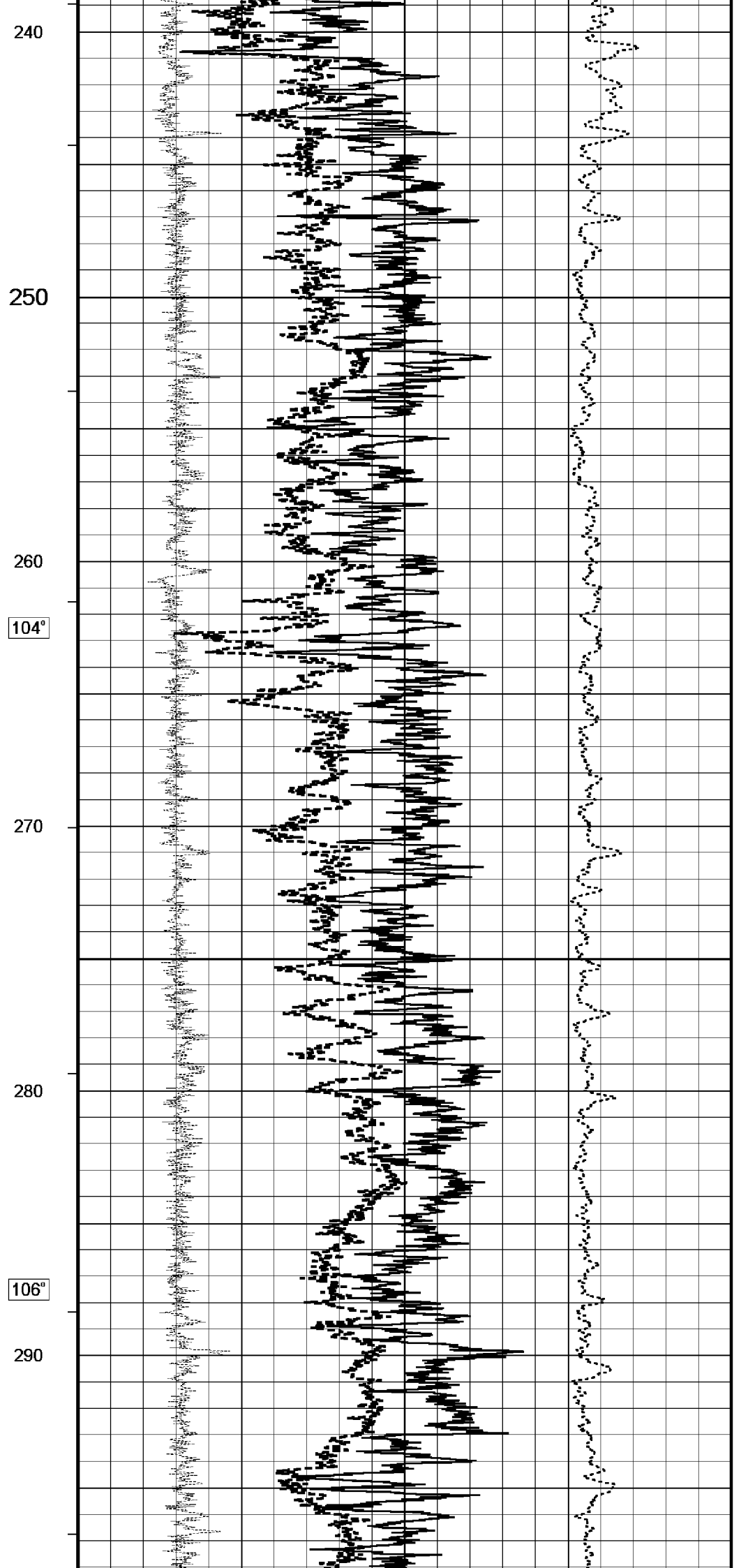
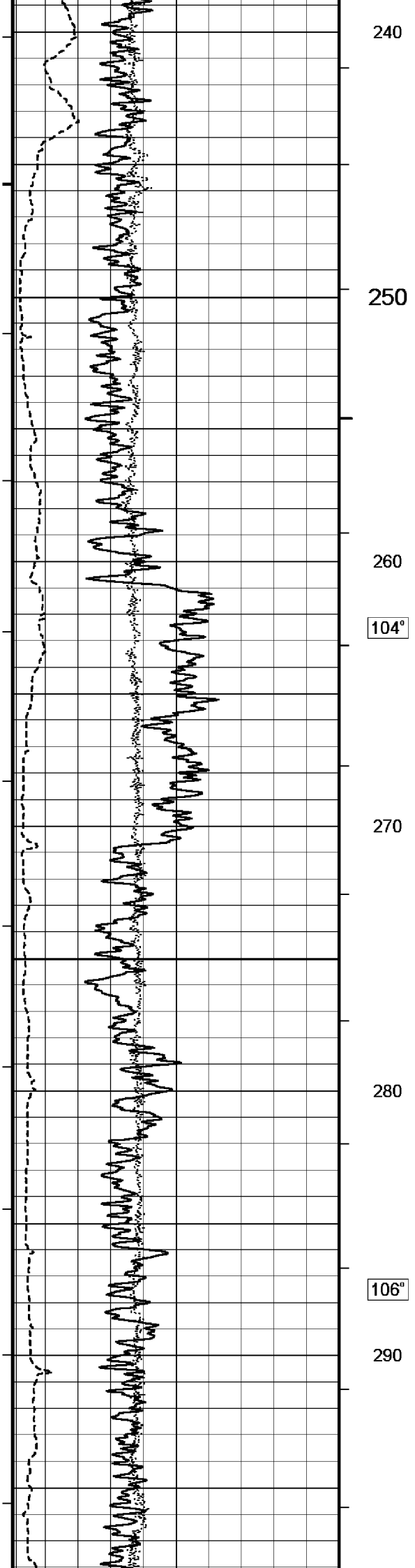
HIGH RESOLUTION 1:200

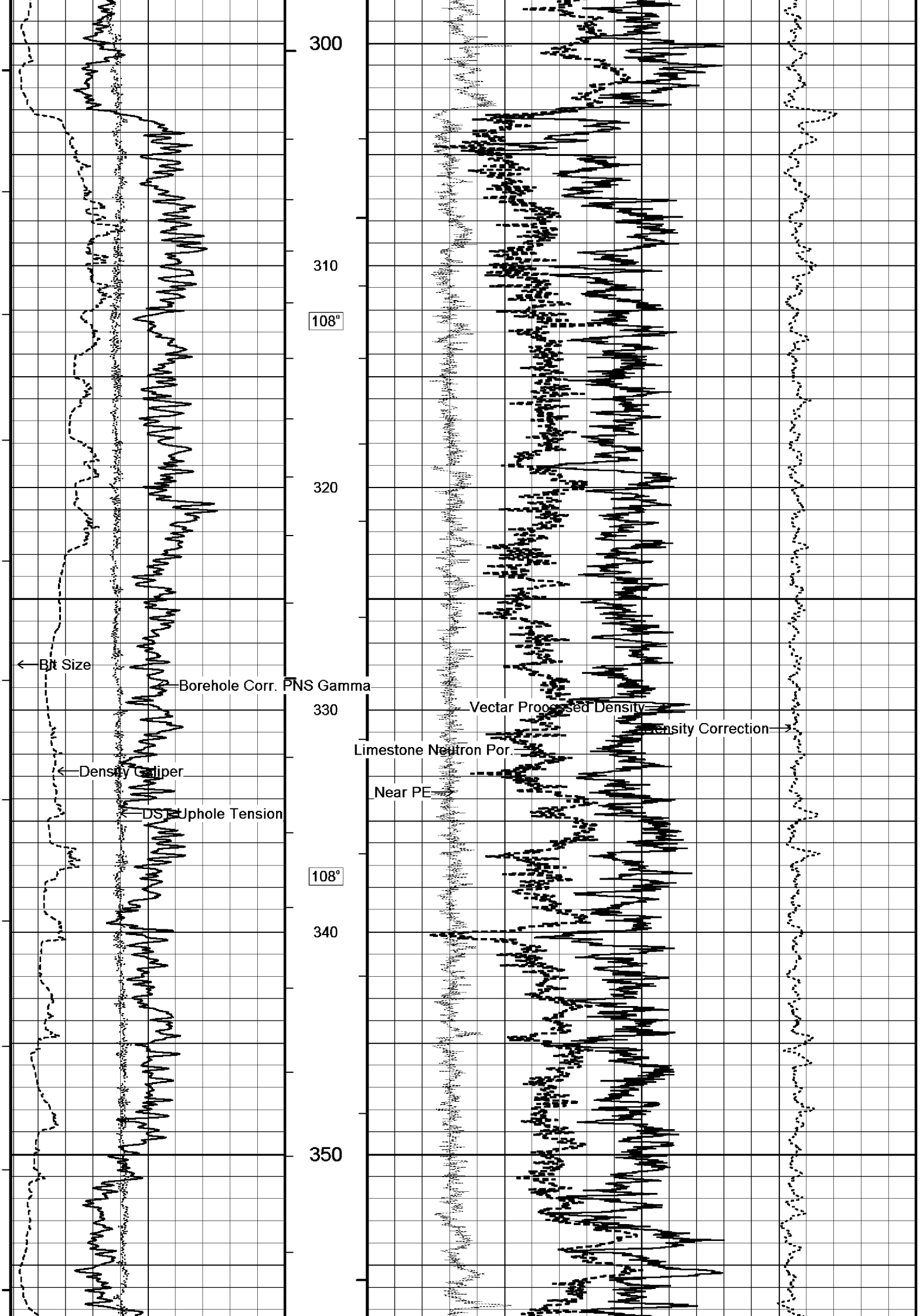
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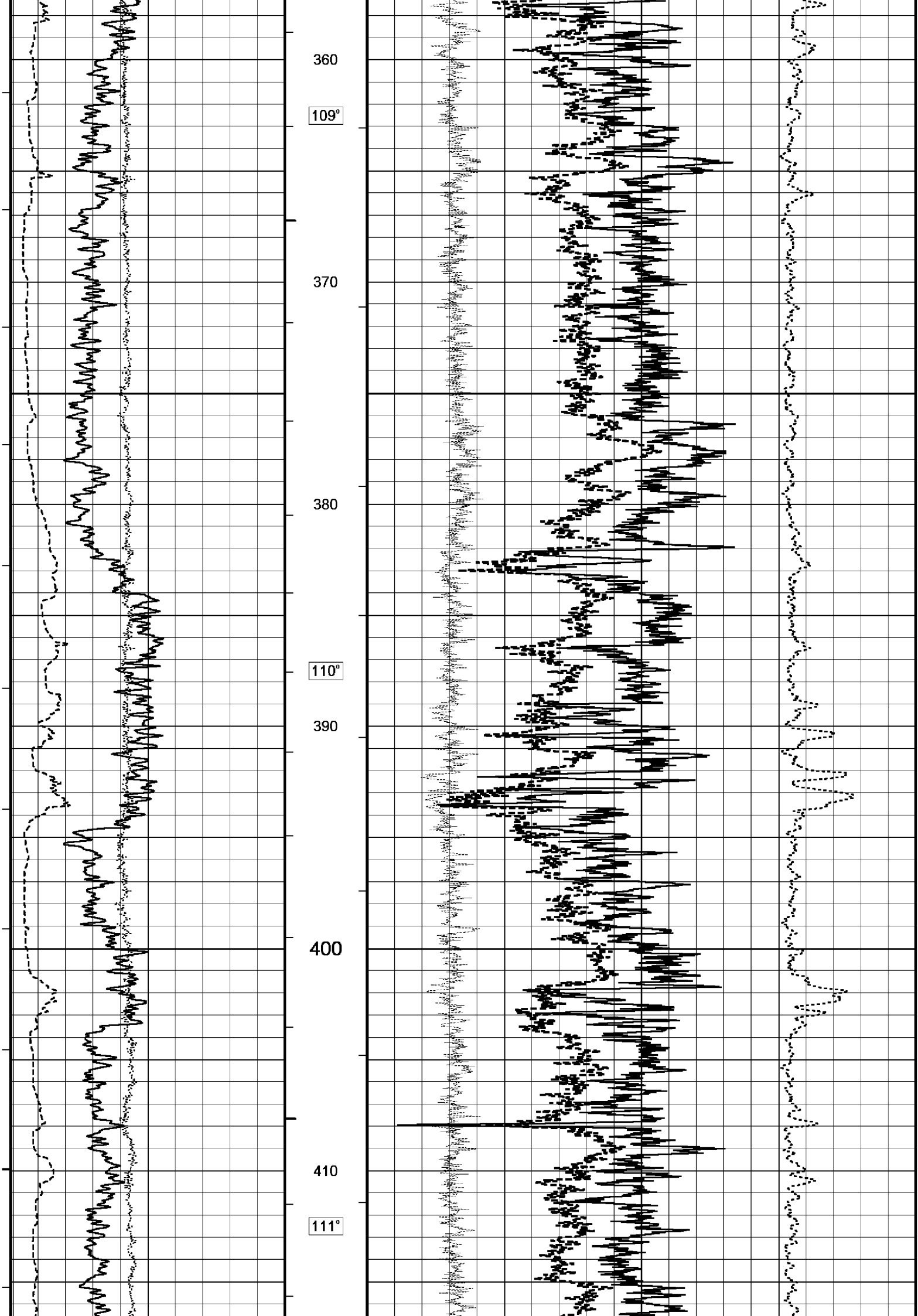
Depth Based Data - Maximum Sampling Increment 2.5cm	Plotted on 30-MAR-2006 10:19
Filename: W:\LakesOil\MAINLOG-CNS.dta	Recorded on 17-MAR-2006 08:02
System Configuration Dates: Logged 17-JUN-2004: Plotted 17-JUN-2004:	

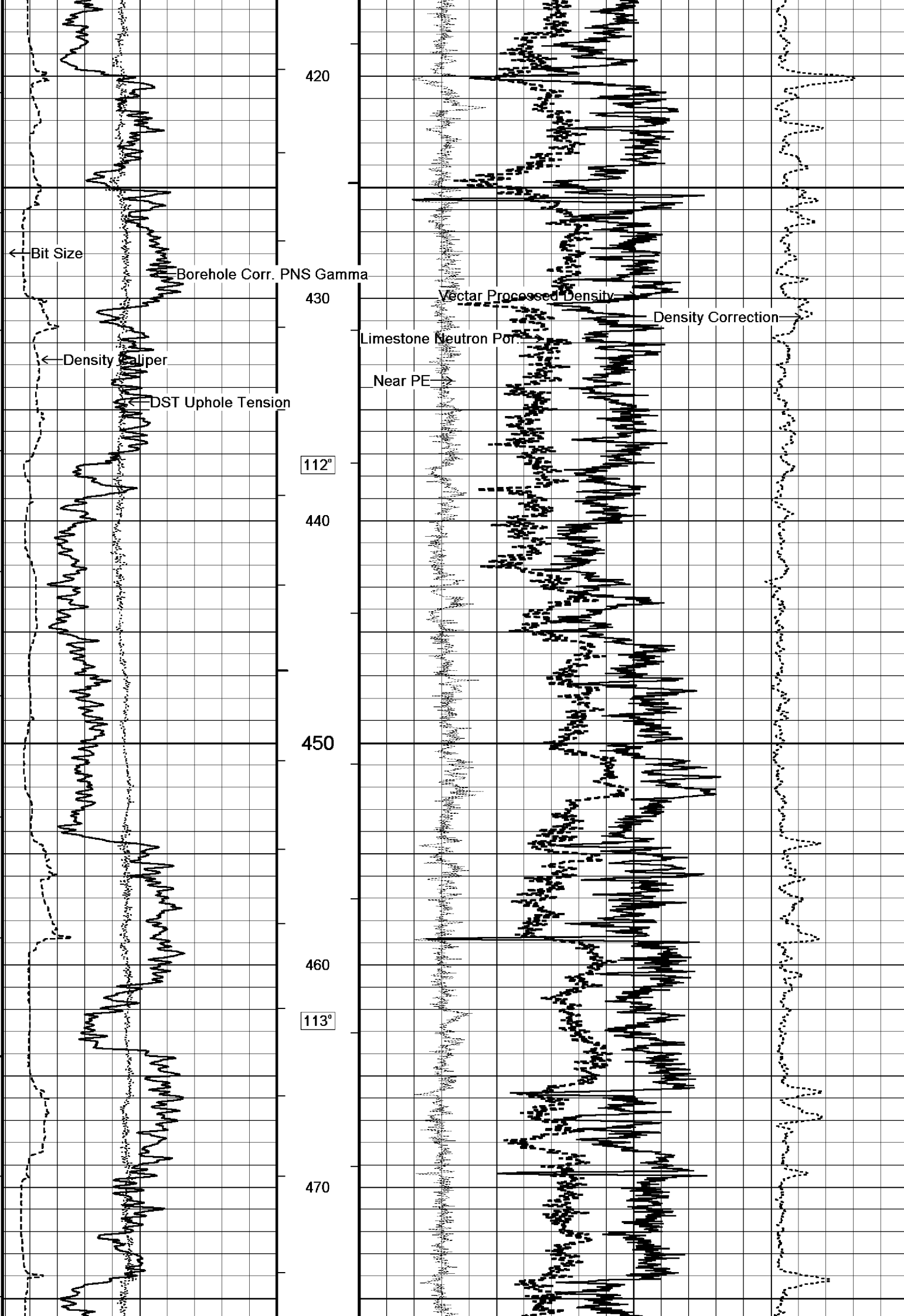


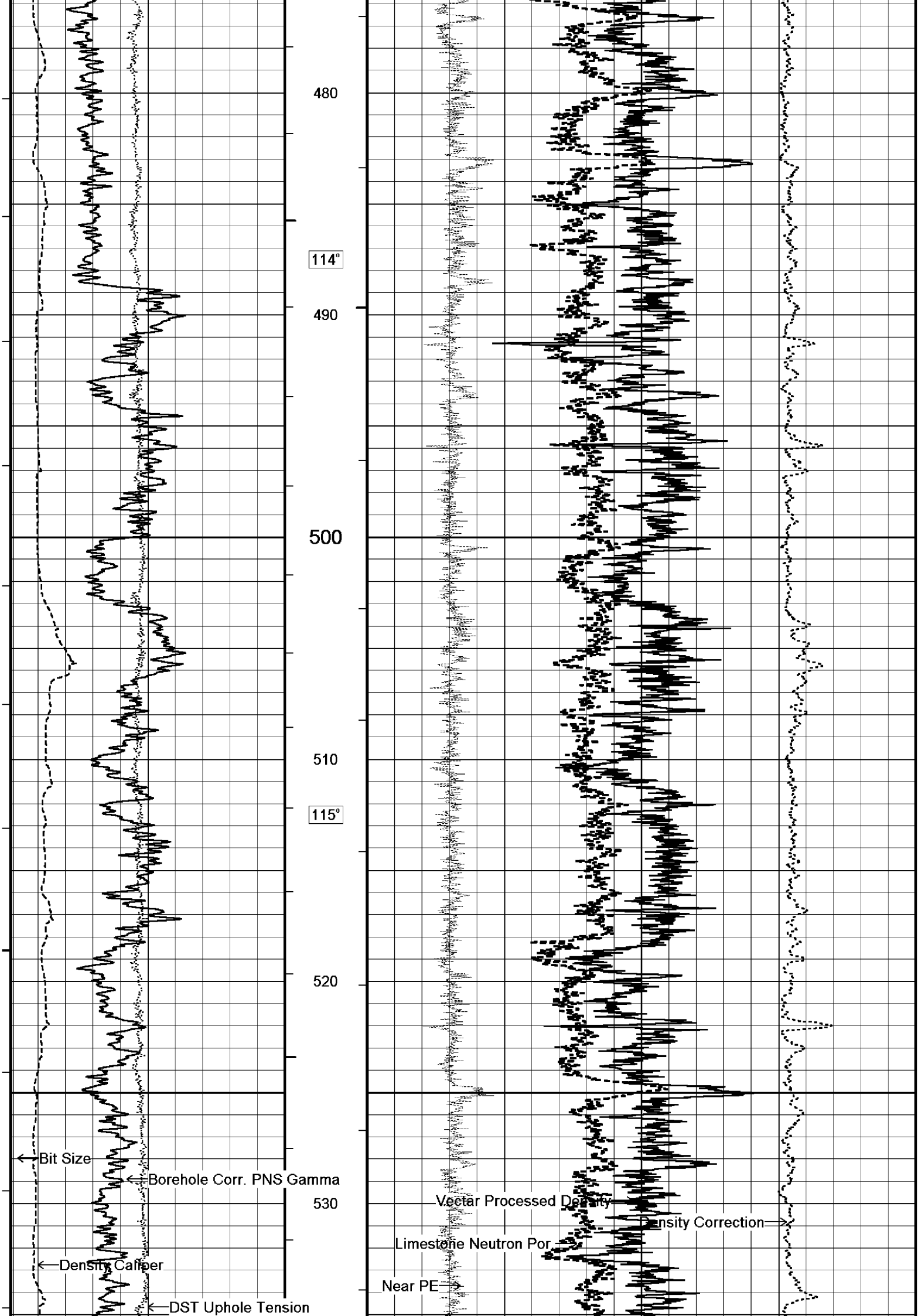


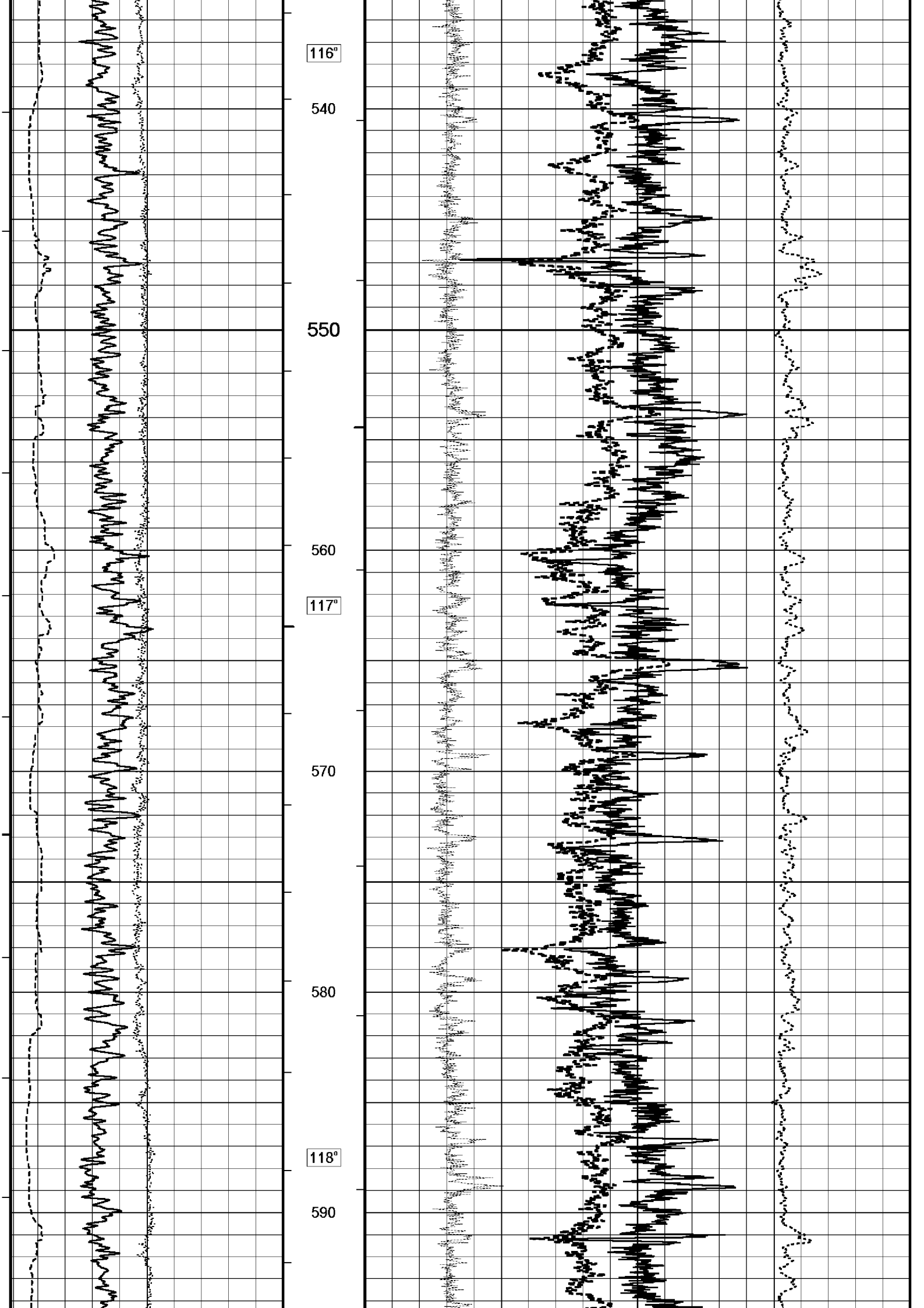


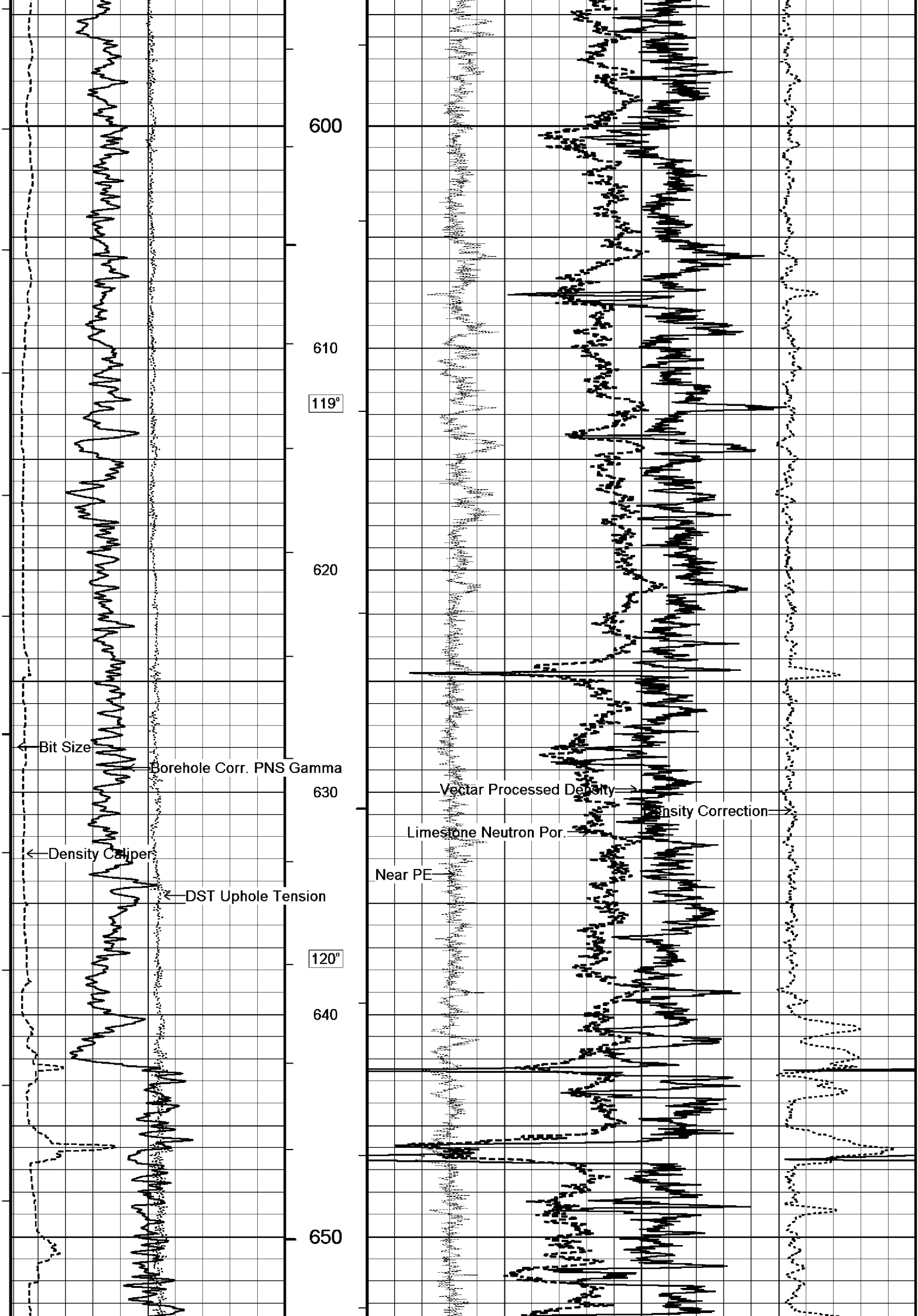


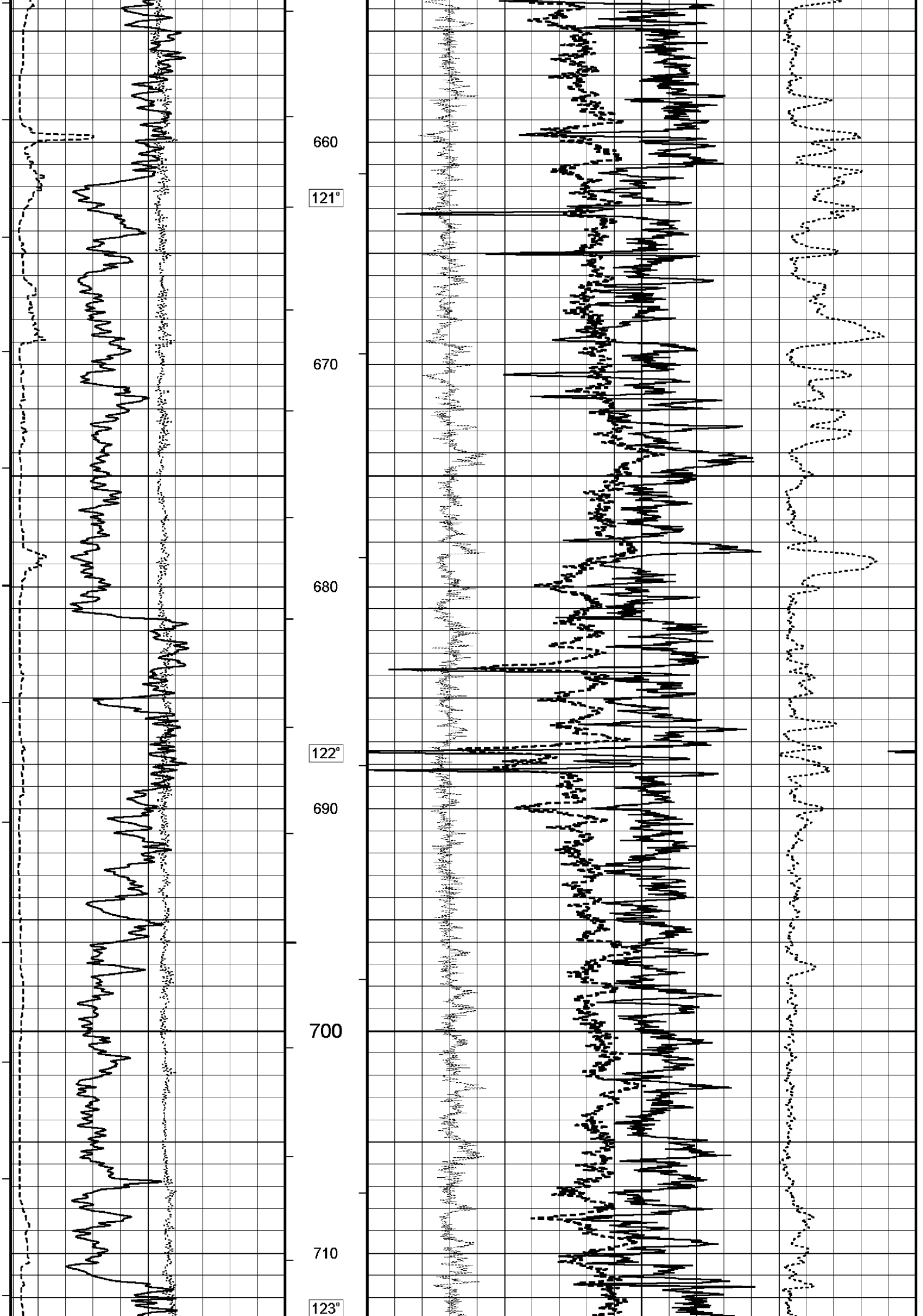


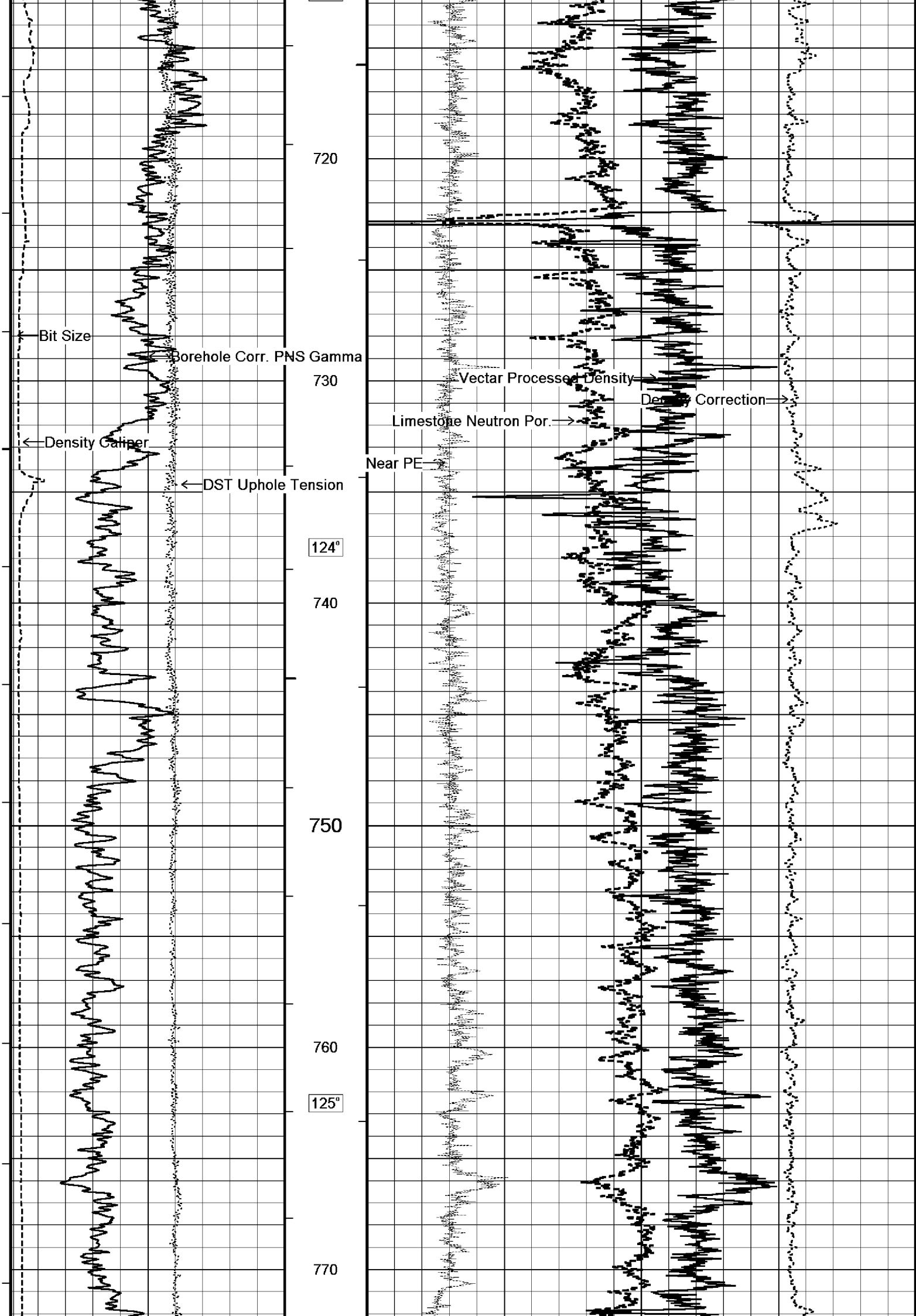


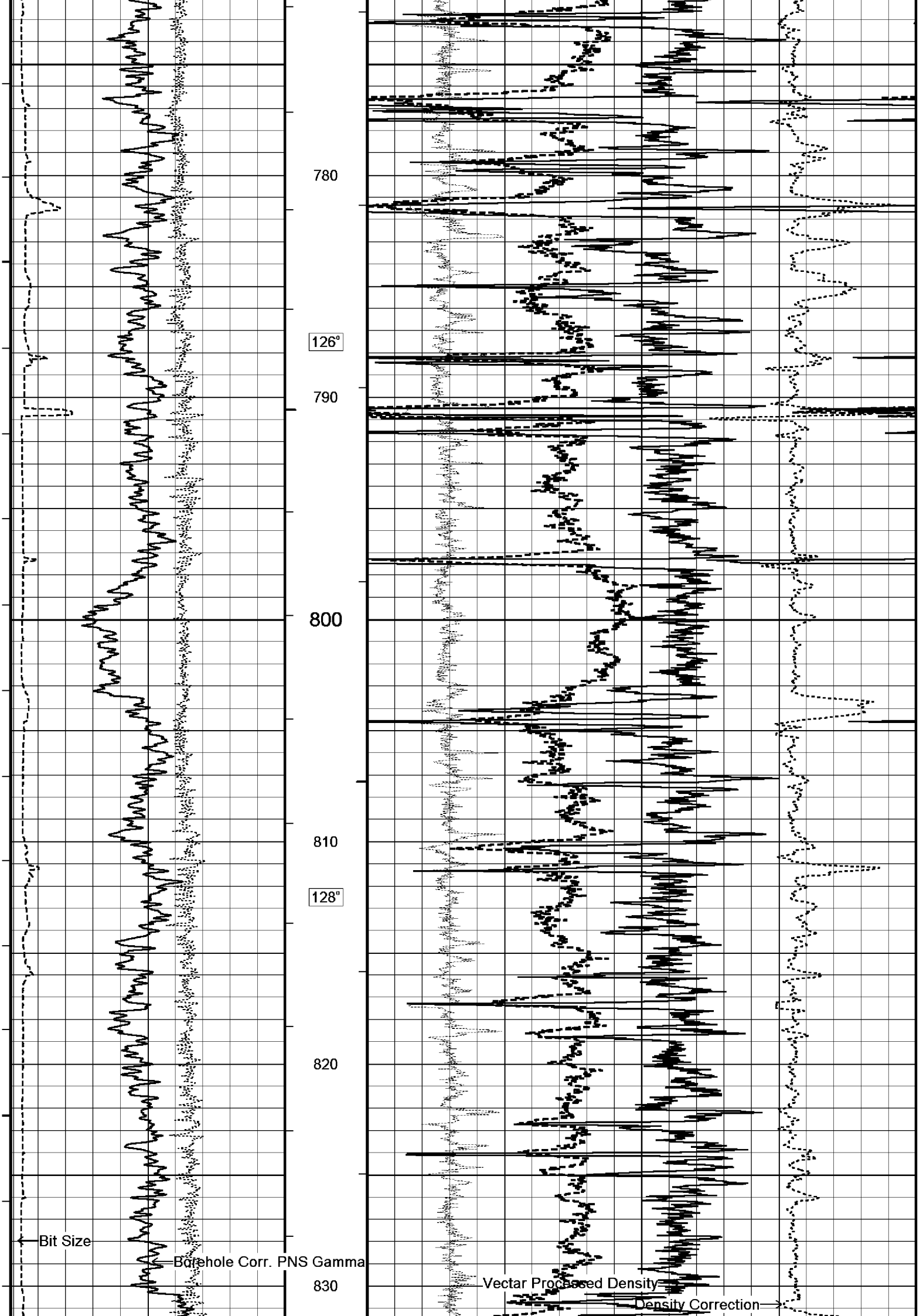


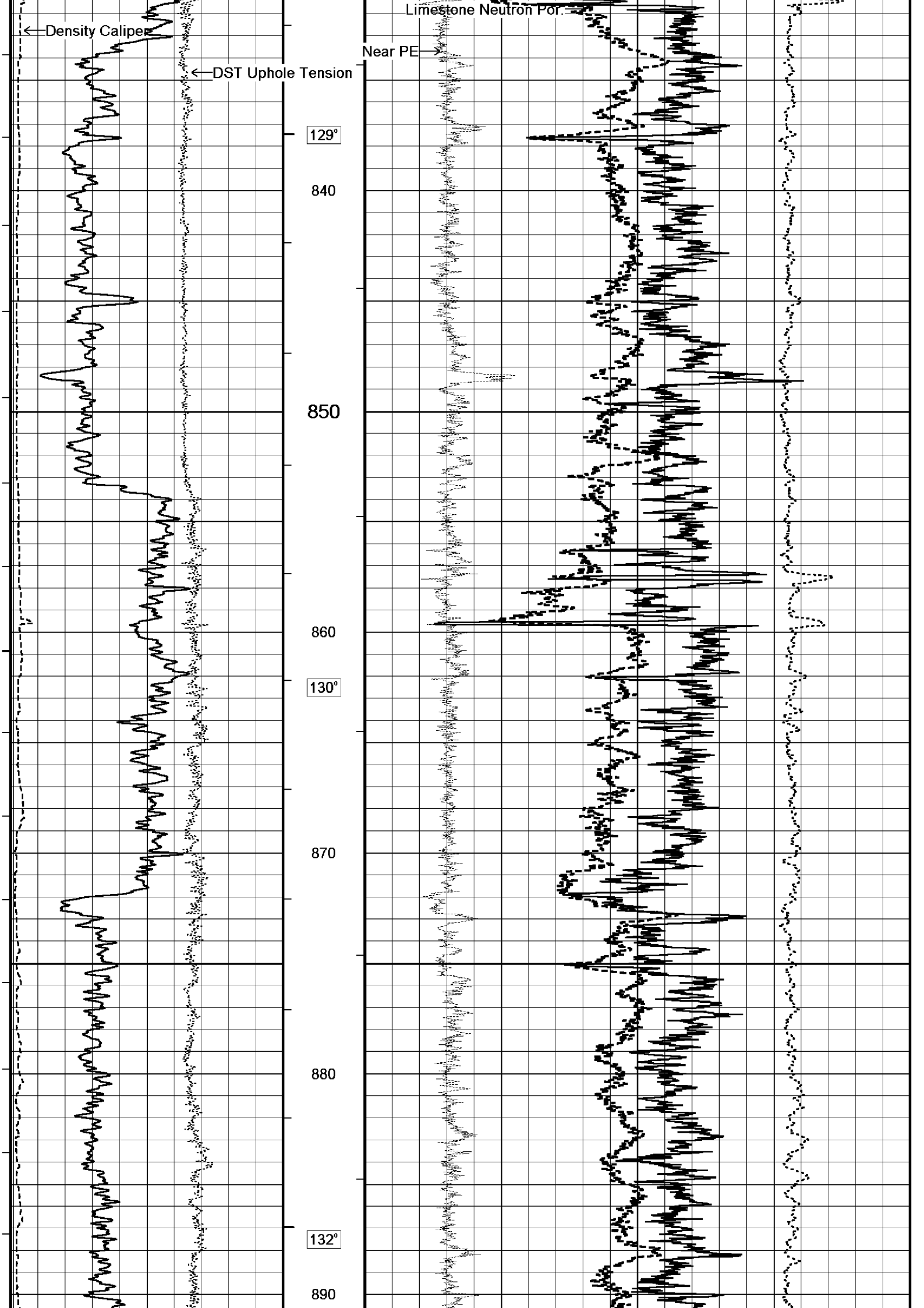


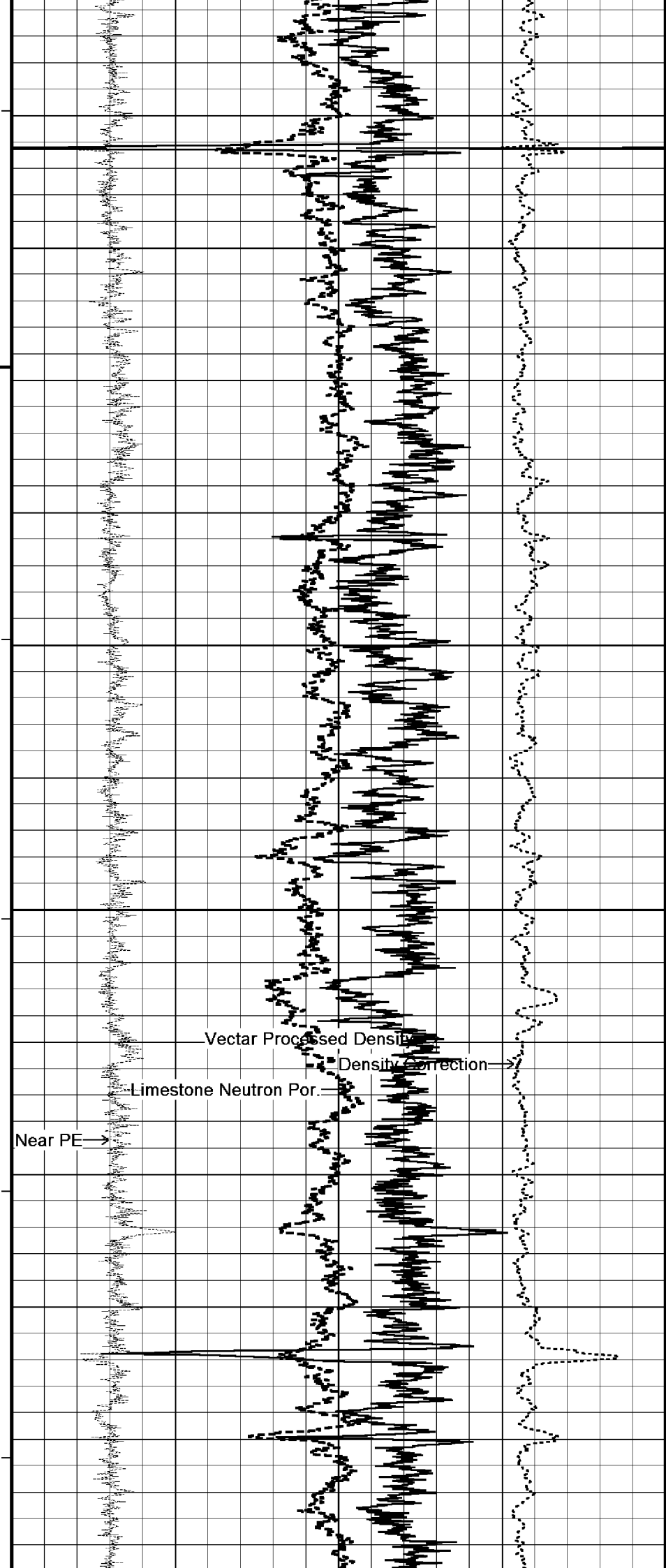
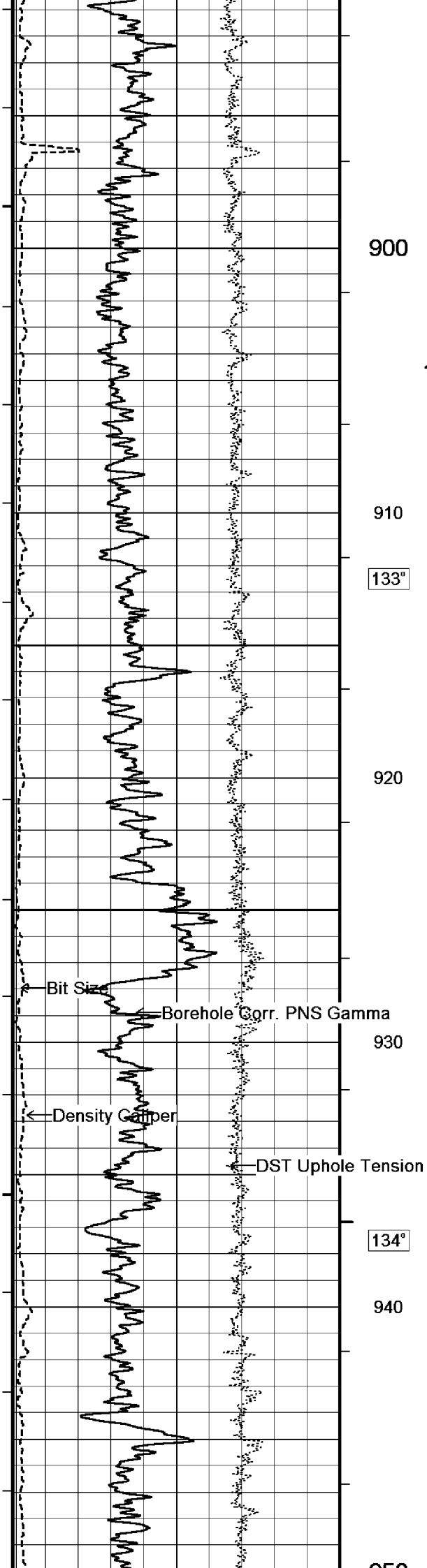


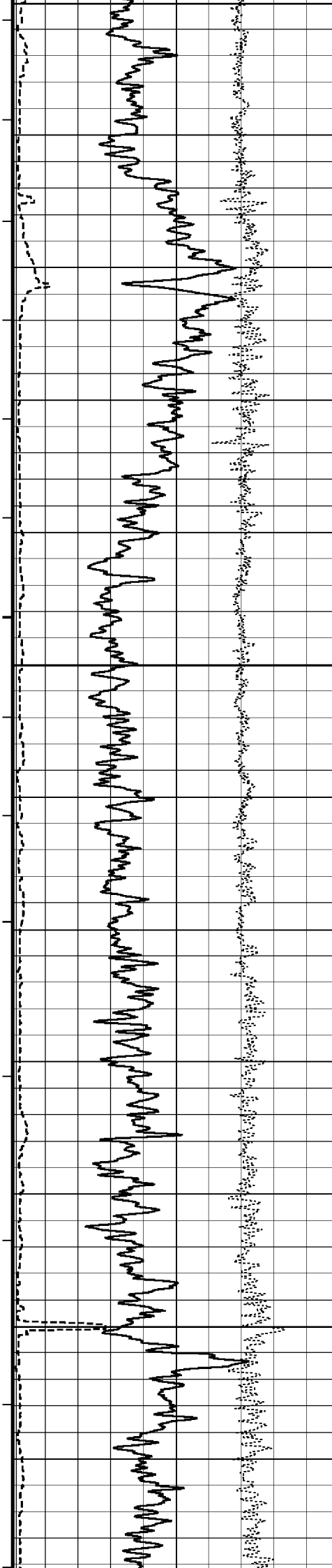












950

960

135°

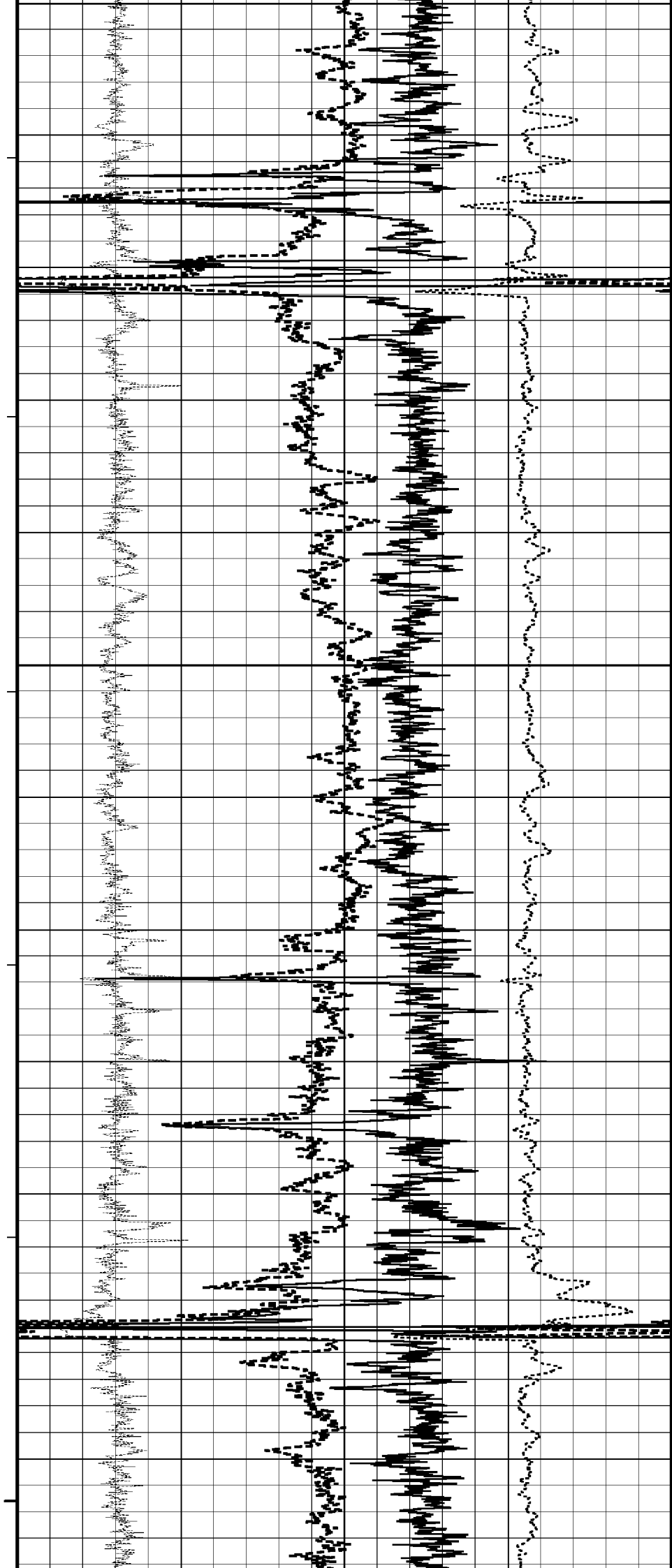
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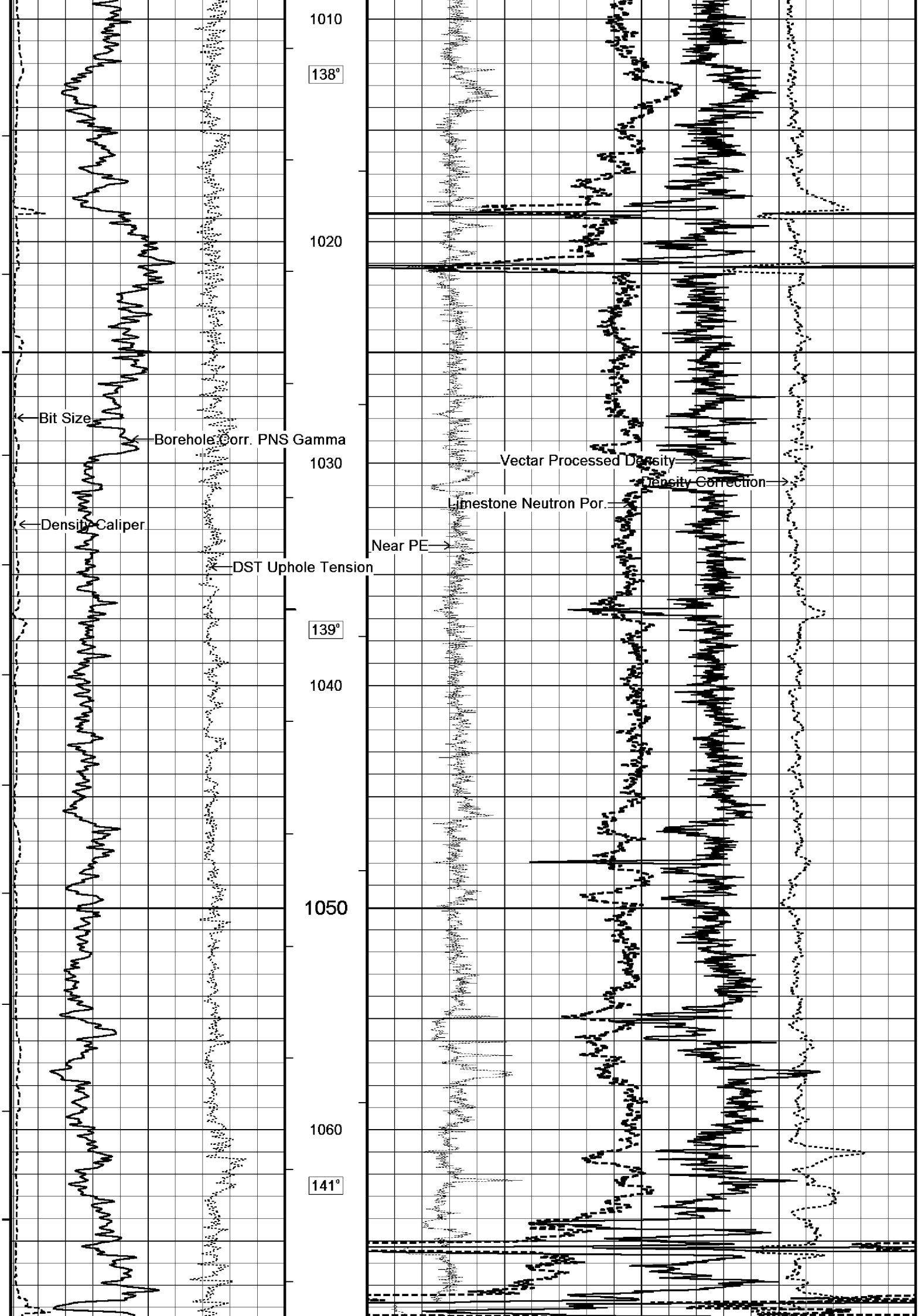
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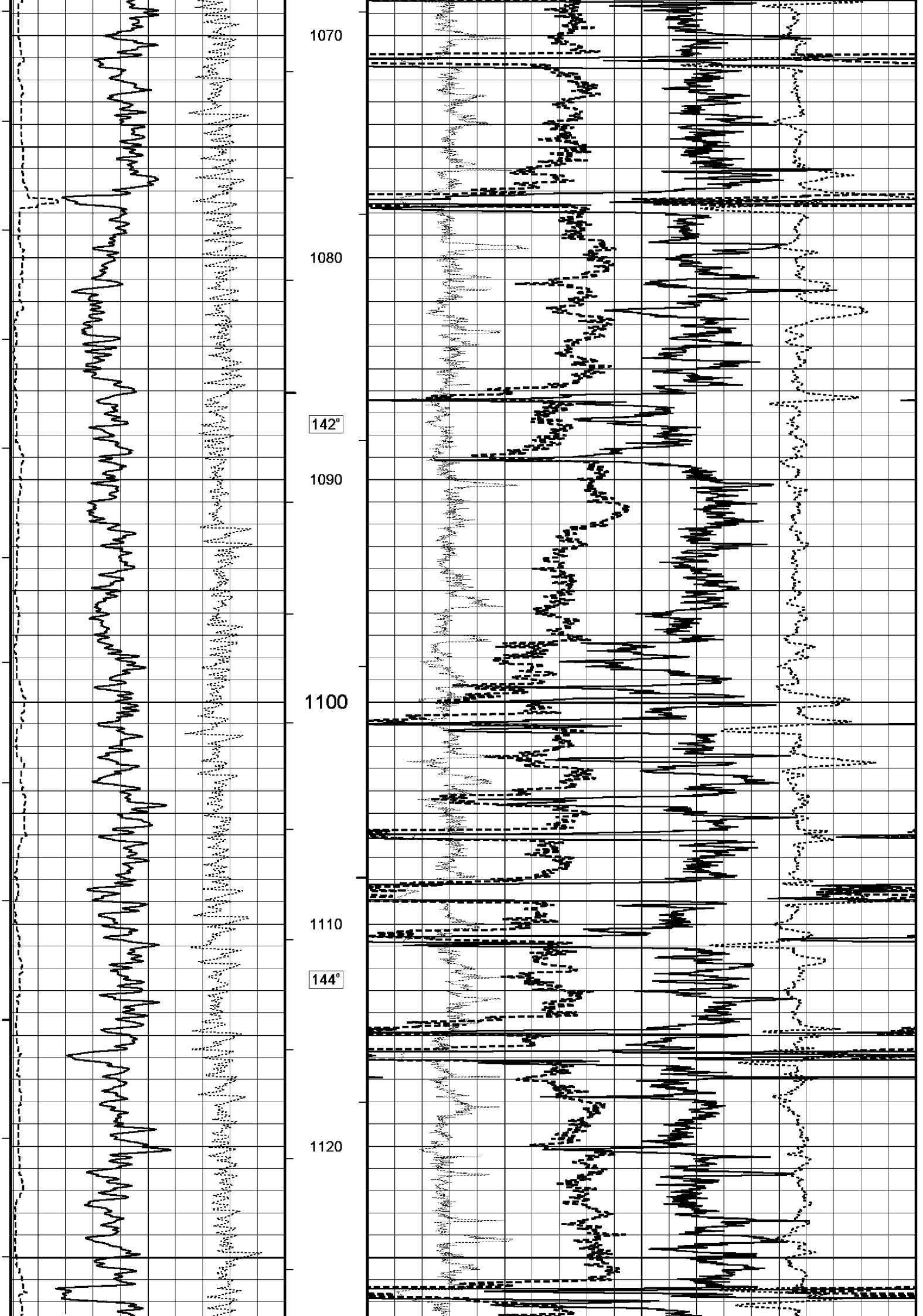
137°

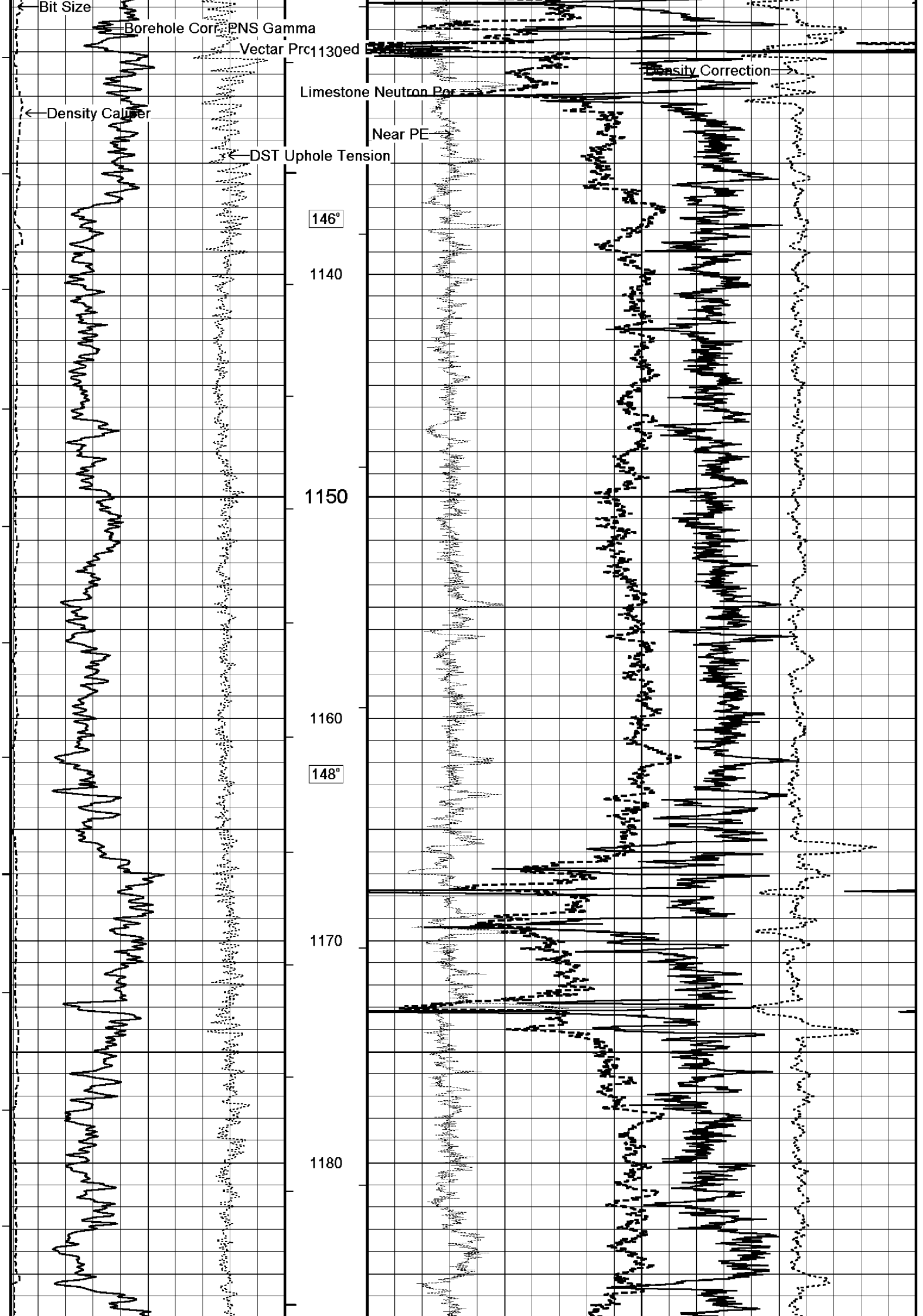
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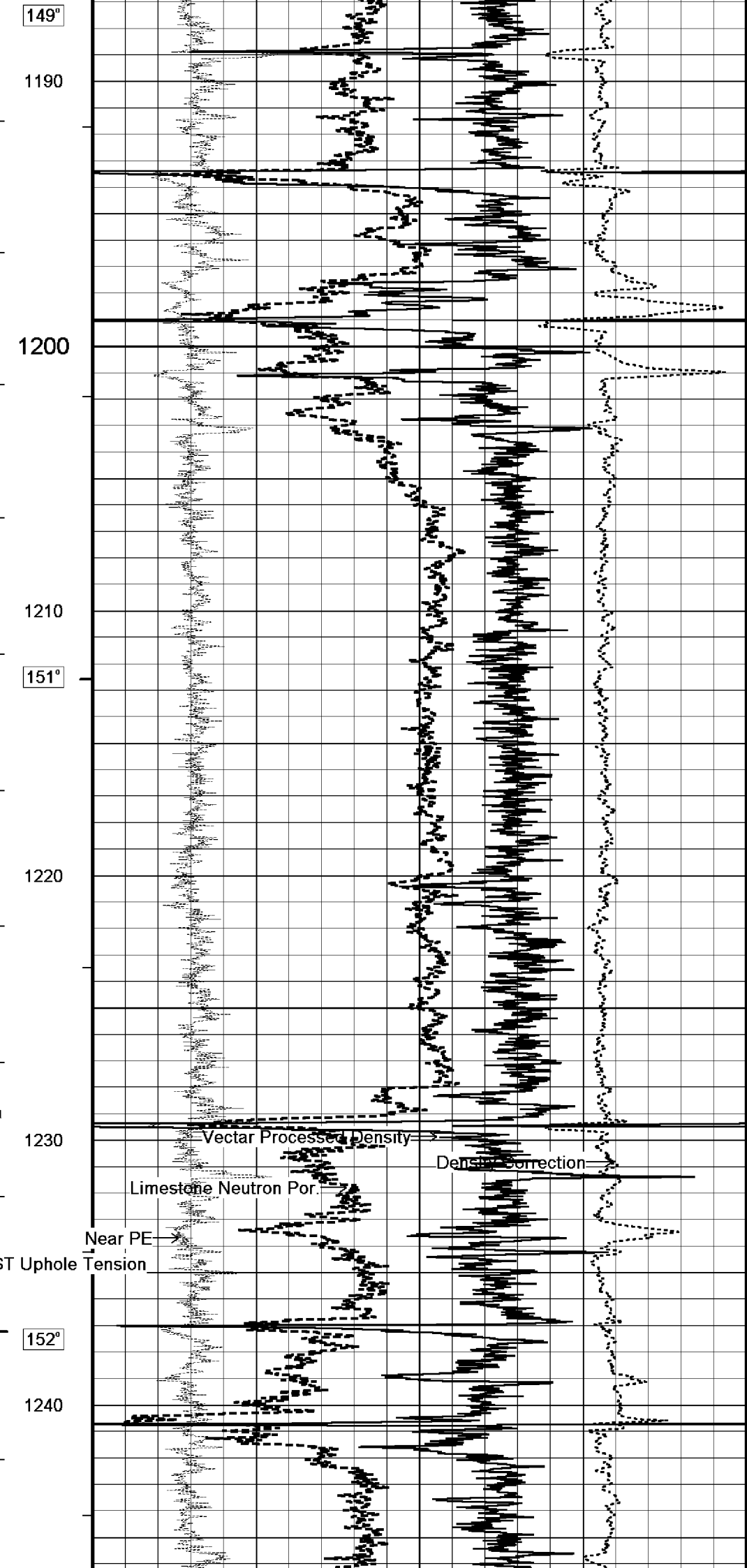
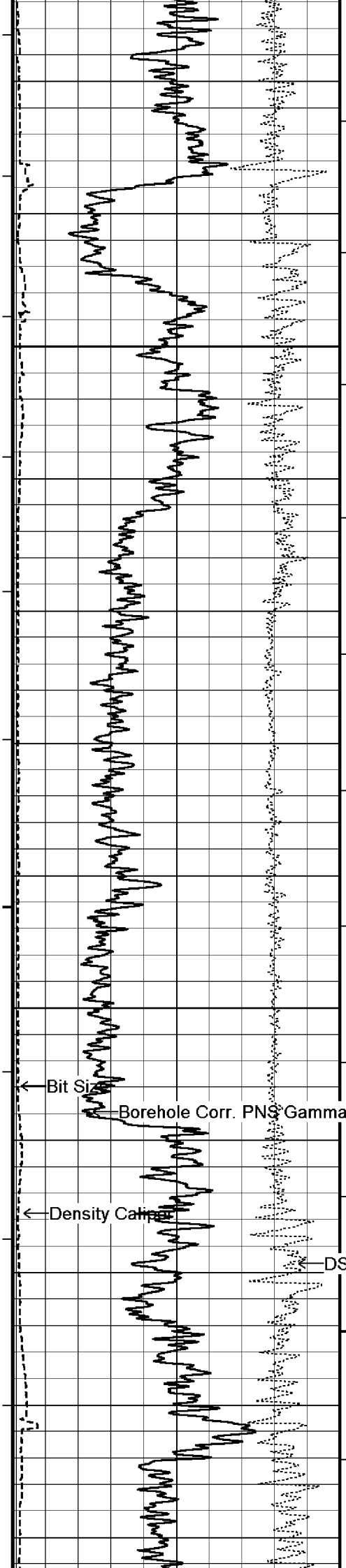
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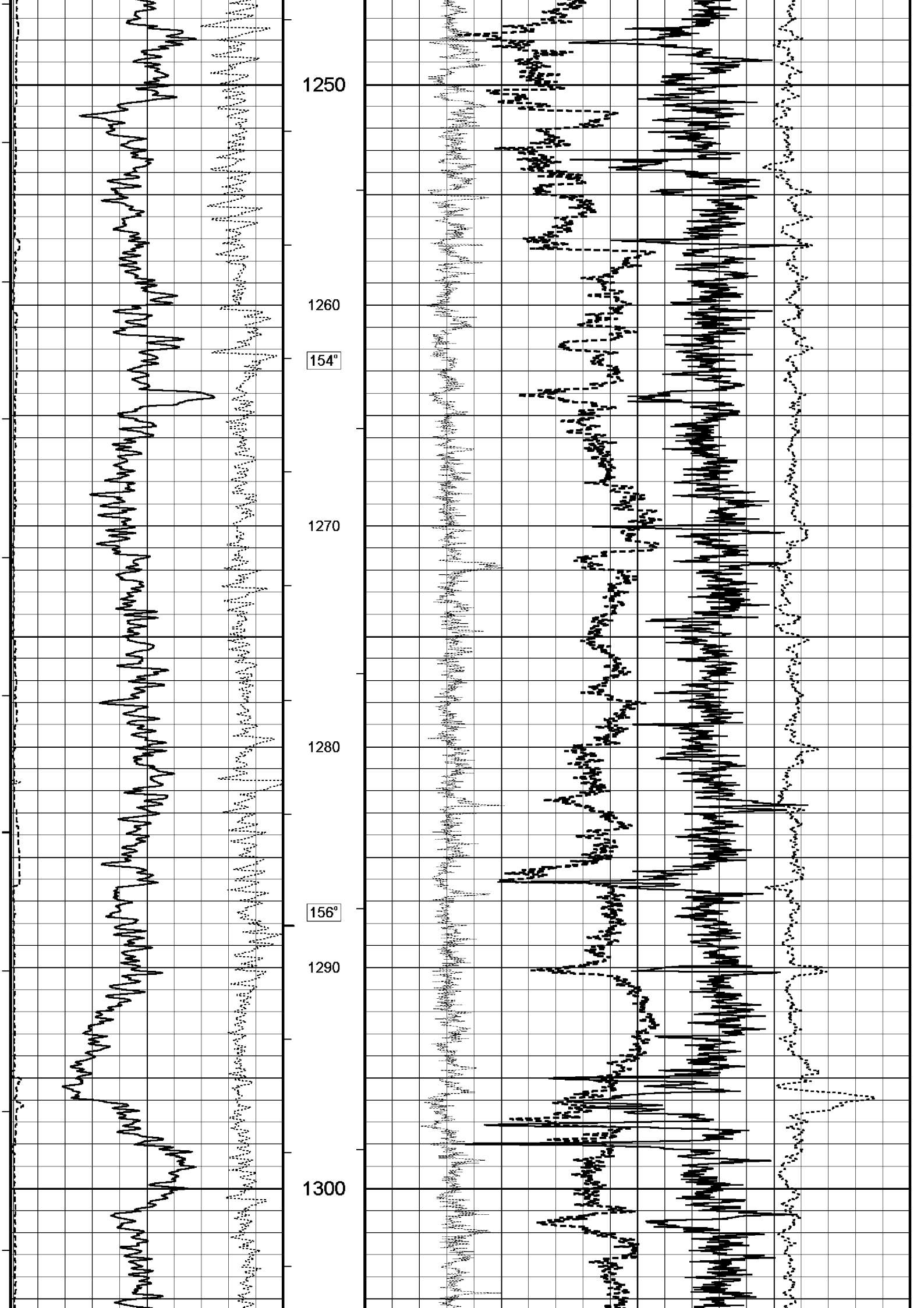


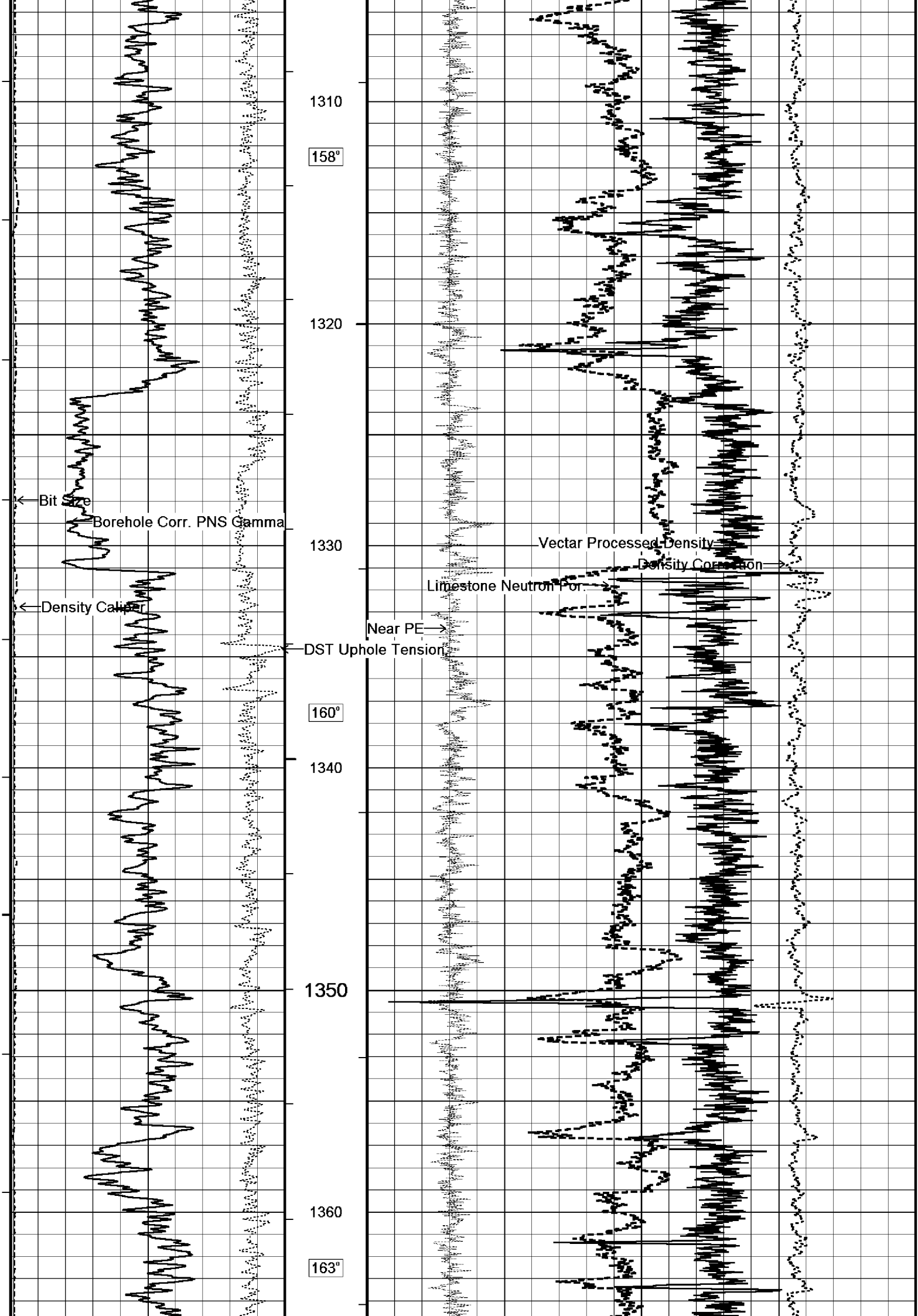


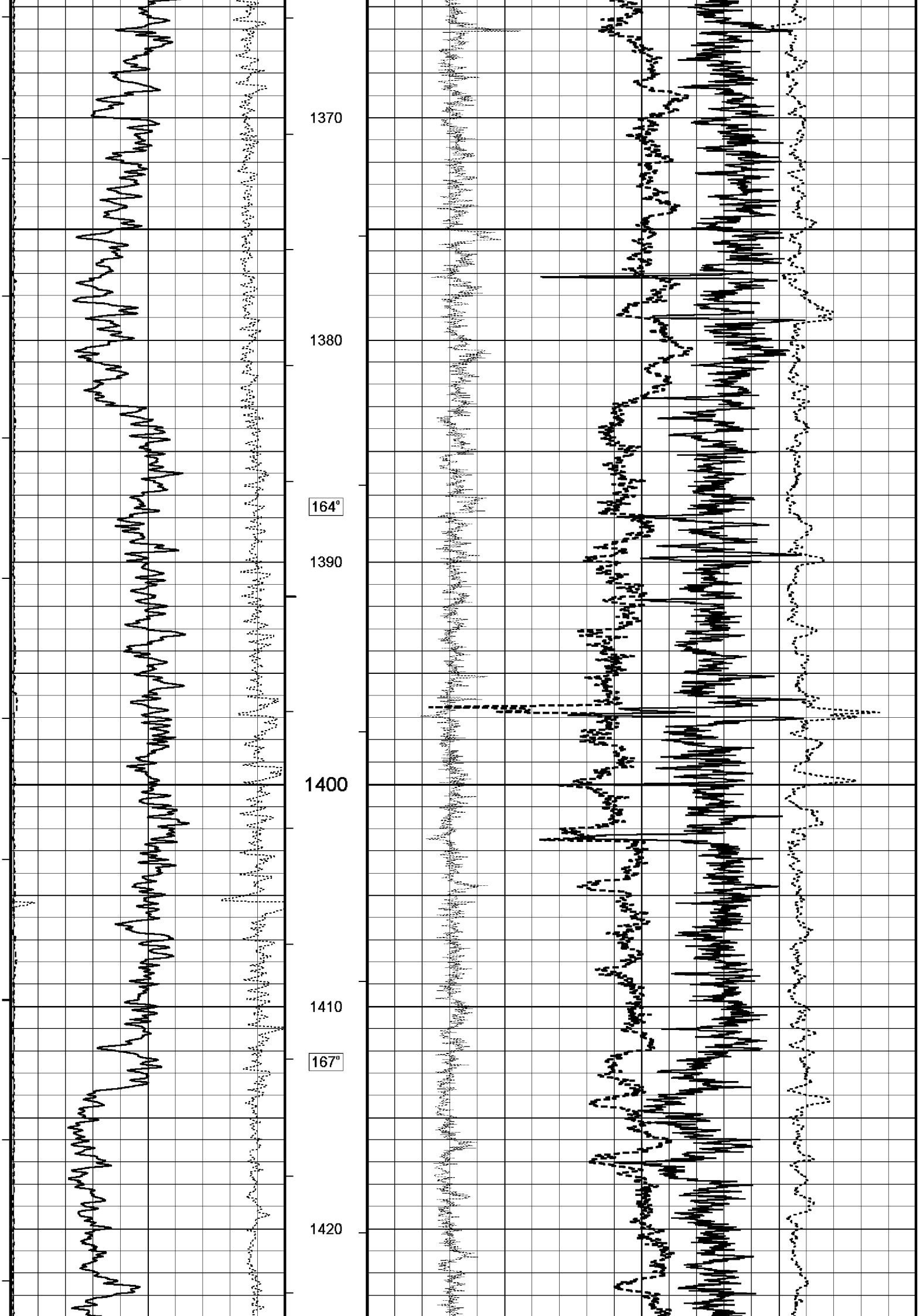


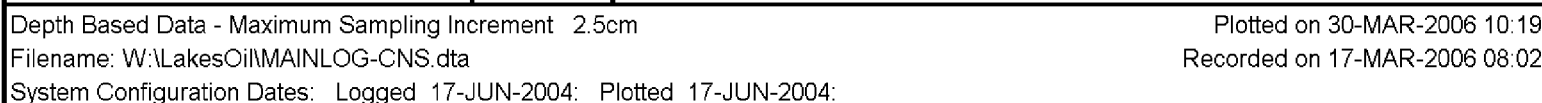












BEFORE SURVEY CALIBRATION	W:\LakesOil\MAINLOG-CNS.dta
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General Constants All 000

General Parameters		
Mud Resistivity	0.762	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	4.500	inches
Caliper for Differential Caliper	Density Caliper	

Rwa Parameters	
Porosity used	N/A
Resistivity used	N/A
RWA Constant A	N/A
RWA Constant M	N/A

Gamma Calibration CNS 084

Field Calibration on 24-JAN-2006 10:00

	Measured	Calibrated (API)
Background	20	17
Calibrator (Gross)	1216	1062
Calibrator (Net)	1197	1045

Gamma Constants CNS 084

Gamma Calibrator Number	60	
Mud Density	1.04	gm/cc
Caliper Source for Processing	Density Caliper	
Tool Position	Eccentred	
Concentration of KCl	0.00	kppm

High Resolution Temperature Constants CNS 084

Pre-filter Length	11
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Neutron Calibration CNS 084

Base Calibration on 11-MAR-2006,15:16
Field Check on

Base Calibration		
	Measured	Calibrated (cps)
	Near Far	Near Far
	3776 356	2930 356
Ratio	10.603	8.230
Field Calibrator at Base		Calibrated (cps)
		0 0
Ratio		0.000
Field Check		Calibrated (cps)
		0 0
Ratio		0.000

Neutron Constants CNS 084

Neutron Source Id	7003NE	
Neutron Jig Number	52	
Epithermal Neutron	No	
Caliper Source for Processing	Density Caliper	
Stand-off	0.00	inches
Mud Density	1.04	gm/cc
Limestone Sigma	7.10	cu
Sandstone Sigma	4.26	cu
Dolomite Sigma	4.70	cu
Formation Pressure Source	Constant Value	
Formation Pressure	0.00	kpsi
Temperature Source	Constant Value	
Temperature	20.00	degrees C
Mud Salinity	0.00	kppm
Formation Fluid Salinity Source	Constant Value	
Formation Fluid Salinity	0.00	kppm
Barite Mud Correction	Not Applied	

Photo Density Calibration PDS 084

Base Calibration on
Field Check on 8-DEC-2005 12:04

Density Calibration		
	Measured	Calibrated (adu)

Base Calibration		Measured		Calibrated (SDU)				
	Near	Far	Near	Far				
Reference 1	49473	21853	22709	7407				
Reference 2	30081	2607	13301	1767				
Field Check at Base								
	599.8	569.8						
Field Check								
	602.7	578.7						
PE Calibration								
Base Calibration		Measured		Measured		Calibrated		
	Near WS	Near WH	Near Ratio	Far WS	Far WH	Far Ratio	Near Ratio	Far Ratio
Background	77	487		64	459			
Reference 2	3325	19357	0.172	365	1692	0.244	0.159	0.368
Reference 3	2420	18613	0.129	273	1667	0.172	0.123	0.252
Field Check at Base								
	76.7	487.3		64.3	458.6			
Field Check								
	76.2	490.6		62.1	466.3			

Density Constants PDS 084		
Density Source Id	2452GW	
Nylon Calibrator Number	BLUE	
Aluminium Calibrator Number	BLUE	
Aluminium/Fe Calibrator Number	BLUE	
Caliper Source for Processing	Density Caliper	
PE Correction to Density	Not Applied	
Mud Density	1.04	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	0.00	

Caliper Calibration PDS 084			Base Calibration on 17-NOV-2005 08:09
			Field Calibration on 17-MAR-2006,06:42
Base Calibration			
Reading No	Measured	Calibrator Size (in)	
1	5687	5.99	
2	4788	8.01	
3	3887	10.01	
4	3061	11.82	
5	2041	14.01	
6	N/A	N/A	
Field Calibration			
	Measured Caliper (in)	Actual Caliper (in)	
	0.00	0.00	

DOWNHOLE EQUIPMENT			W:\LakesOil\MAINLOG-CNS.dta	
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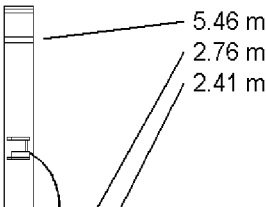
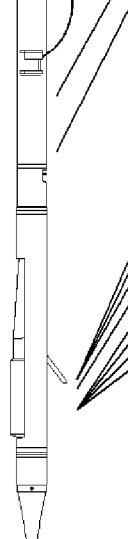
Compensated Neutron Sub CNS 84 Length: 3.87 m Weight: 227.1 lb				
		5.46 m GPDE - Borehole Corr. PNS Gamma 2.76 m NPRL - Limestone Neutron Por. 2.41 m BHTF - Borehole Temperature		

Photo Density Sub
PDS 84 Length: 2.61 m Weight: 242.5 lb

Hole Finder (37-way tools)
HFS 3 Length: 0.54 m Weight: 11.0 lb

Total Length: 7.01 m Weight: 480.6 lb



0.29 m AVOL - Annular Volume
0.29 m HVOL - Hole Volume
0.29 m CAPD - Density Caliper
0.21 m PEDF - Far PE
0.01 m PEDN - Near PE
0.00 m DCOR - Density Correction
0.00 m HDEN - Vectar Processed Density
Tool Zero (1.24m from bottom)

All measurements relative to tool zero.

COMPANY LAKES OIL NL
WELL LOY YANG 2
FIELD EXPLORATION
PROVINCE/COUNTY VICTORIA
COUNTRY/STATE AUSTRALIA

Elevation Kelly Bushing	107.65	metres	First Reading	1440.90	metres
Elevation Drill Floor		metres	Depth Driller	1443.00	metres
Elevation Ground Level	104.00	metres	Depth Logger	1442.08	metres



PHOTO DENSITY
COMPENSATED NEUTRON
1:200