PRECISION ENERGY SERVICES

Compact

DLL - SLL - MLL - SONIC
DENSITY - NEUTRON
1:200

COMPANY	ORIGIN ENERGY RESOURCES LIMITED
WELL	CHILDERS COVE 1
FIELD	ONSHORE OTWAY BASIN
PROVINCE/COUNTY	VICTORIA
COUNTRY/STATE	AUSTRALIA
LOCATION	38DEG29'31.96"S 142DEG44'46.66"E **FINAL PRINT**

LSD	SEC	TWP	RGE	Other Services

API Number
Permit Number PEP 154

Permanent Datum GROUND LEVEL, Elevation 46.2 metres
Log Measured From R.T. @ 5.3 METRE above Permanent Datum
Drilling Measured From R.T.

Elevations:
KB 51.50 metres
DF metres
GL 46.20 metres

Date	03-Oct-2005		01-Oct-2005		
Run Number	TWO		ONE		
Depth Driller	2658.00	metres	2545.00	metres	
Depth Logger	2656.80	metres	2529.00	metres	
First Reading	2656.80	metres	2528.15	metres	
Last Reading	2400.00	metres	0.00	metres	
Casing Driller	544.50	metres	544.50	metres	
Casing Logger	544.20	metres	544.20	metres	
Bit Size	8.50	inches	8.50	inches	
Hole Fluid Type	KCL/PHPA/POL		KCL/PHPA/POL		
Density / Viscosity	1.16 g/c3	58.00 CP	1.15 g/c3	59.00 CP	
PH / Fluid Loss	8.00	5.00	8.60	4.00	
Sample Source	FLOWLINE		FLOWLINE		
Rm @ Measured Temp	0.18 @ 25.0	ohm-m	0.65 @ 13.9	ohm-m	
Rmf @ Measured Temp	0.20 @ 25.0	ohm-m	1.06 @ 13.9	ohm-m	
Rmc @ Measured Temp	0.13 @ 25.0	ohm-m	0.53 @ 14.1	ohm-m	
Source Rmf / Rmc	PRESS	FILTER	PRESS	FILTER	
Rm @ BHT	0.07 @ 93.5	ohm-m	0.09 @ 95.5	ohm-m	
Time Since Circulation	11.8 HOURS		18 HOURS		
Max Recorded Temp	93.50	deg C	95.50	deg C	
Equipment Name	COMPACT		COMPACT		
Equipment / Base	8	SALE	8	SALE	
Recorded By	BEN MOSS				
Witnessed By	JOHN HOBDAY				
CIRC. STOP	13:00 3/10		00:00 1/10		

BOREHOLE RECORD

Bit Size inches	Depth From metres	Depth To metres
8.500	544.50	2658.00

CASING RECORD

Type	Size inches	Depth From metres	Shoe Depth metres	Weight pounds/ft
K-55	9.625	0.00	544.50	36.00

REMARKS

1) SOFTWARE ISSUE: JUN 17, 2004.
2) CUSTOMER SCALES AND INTERVALS LOGGED.
3) HFS, MMR, MLE, MUG, MSS, SKJ, MPD,MDN, MCG, MBE RAN IN COMBINATION.
4) HARDWARE: MMR: ONE 25.4MM STANDOFF
MSS: TWO 25.4MM STANDOFF
MUG: ONE 25.4MM STANDOFF
MBE: ONE 25.4MM STANDOFF
5) SERVICE ORDER: 2071
6) RIG:CENTURY 7
PRINTS: 1 FIELD 3 FINALS
7) TOTAL HOLE VOLUME FROM TD TO SURFACE CASING = 79.7 CU.M.
8) TOTAL ANNULAR VOLUME WITH 7 INCH CASING = 27.7 CU.M.
9) SONIC CASING SIGNAL AT 500.5 M.

MAIN LOG 1:200

Depth Based Data - Maximum Sampling Increment 10.0cm
Plotted on 06-OCT-2005 16:18
Filename: C:\logs\Origin\Childers Cove Run 2\SUPERCOMBO_COMBINED_MAIN_LOG.dta
Recorded on 04-OCT-2005 00:45
System Configuration Dates: Logged : Plotted 17-JUN-2004:

Timing Marks
every 60.0 sec

DST Uphole Tension
pounds
0 2500 5000
5000 7500 10000

Density Caliper
inches
6 11 16

Spontaneous Potential
millivolts
− → | 20 | ← +

MMR Caliper
inches
6 11 16

Borehole Corrected Gamma
API
0 100 200
200 300 400

Bit Size
inches
6 11 16

Depth in Metres

Borehole Temp in deg C

TR21
1100 100

TR11
1100 100

TR22
1100 100

TR12
1100 100

HVI every 0.1 cu m

Annular Integral every 0.1 cu m

Replay Scale 1:200

Shallow Laterolog
ohm metres
0.20 2000
1 10 100 1000

Limestone Neutron Por.
percent
45 15 -15

Deep Laterolog
ohm metres
0.20 2000
1 10 100 1000

Compensated Density
grams/cc
1.95 2.45 2.95

MicroRes Resistance (S)
ohm metres
0.20 2000
1 10 100 1000

PE
barns/electron
0 5 10

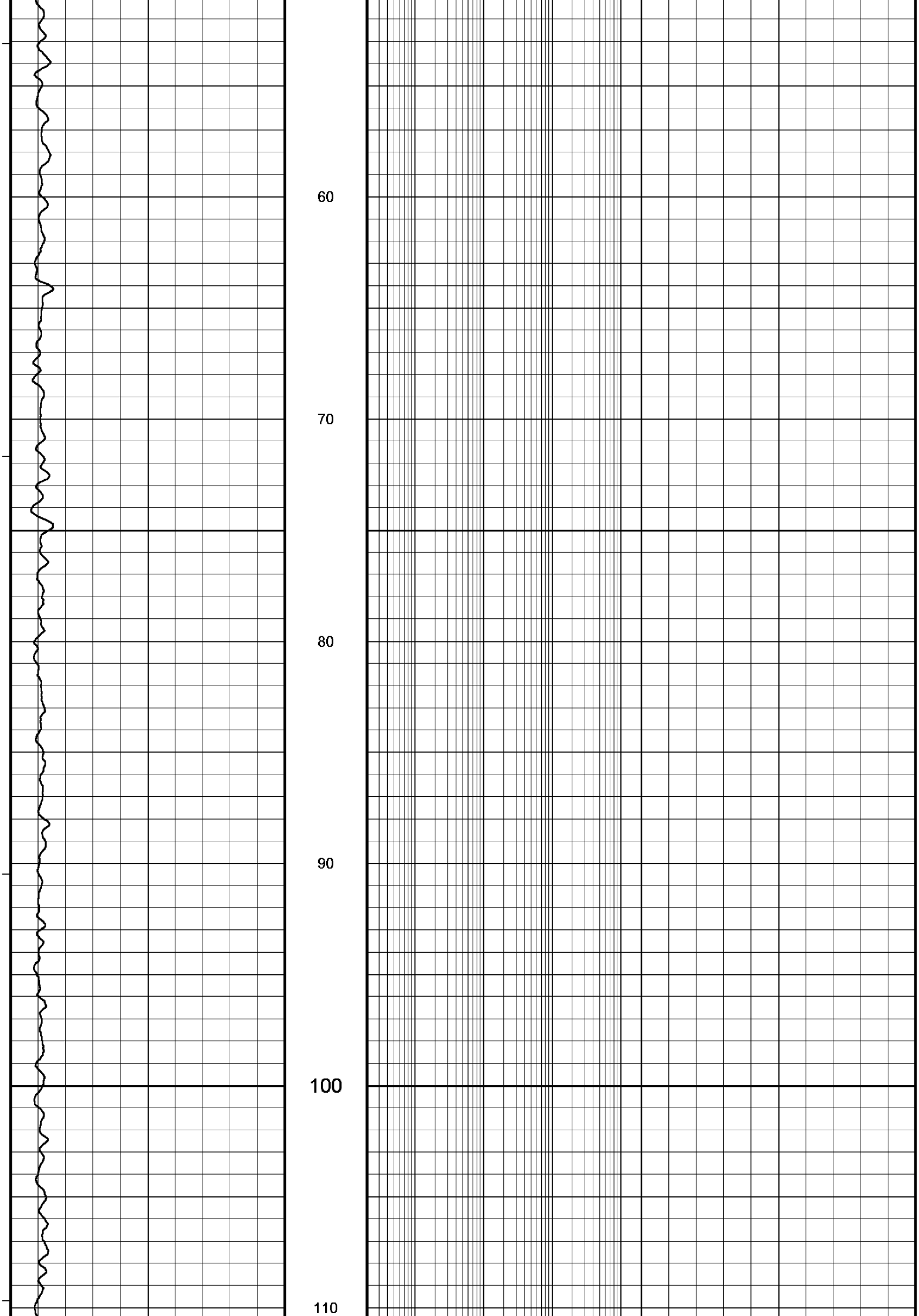
3-5' Compensated Sonic
microsec/foot
140 90 40

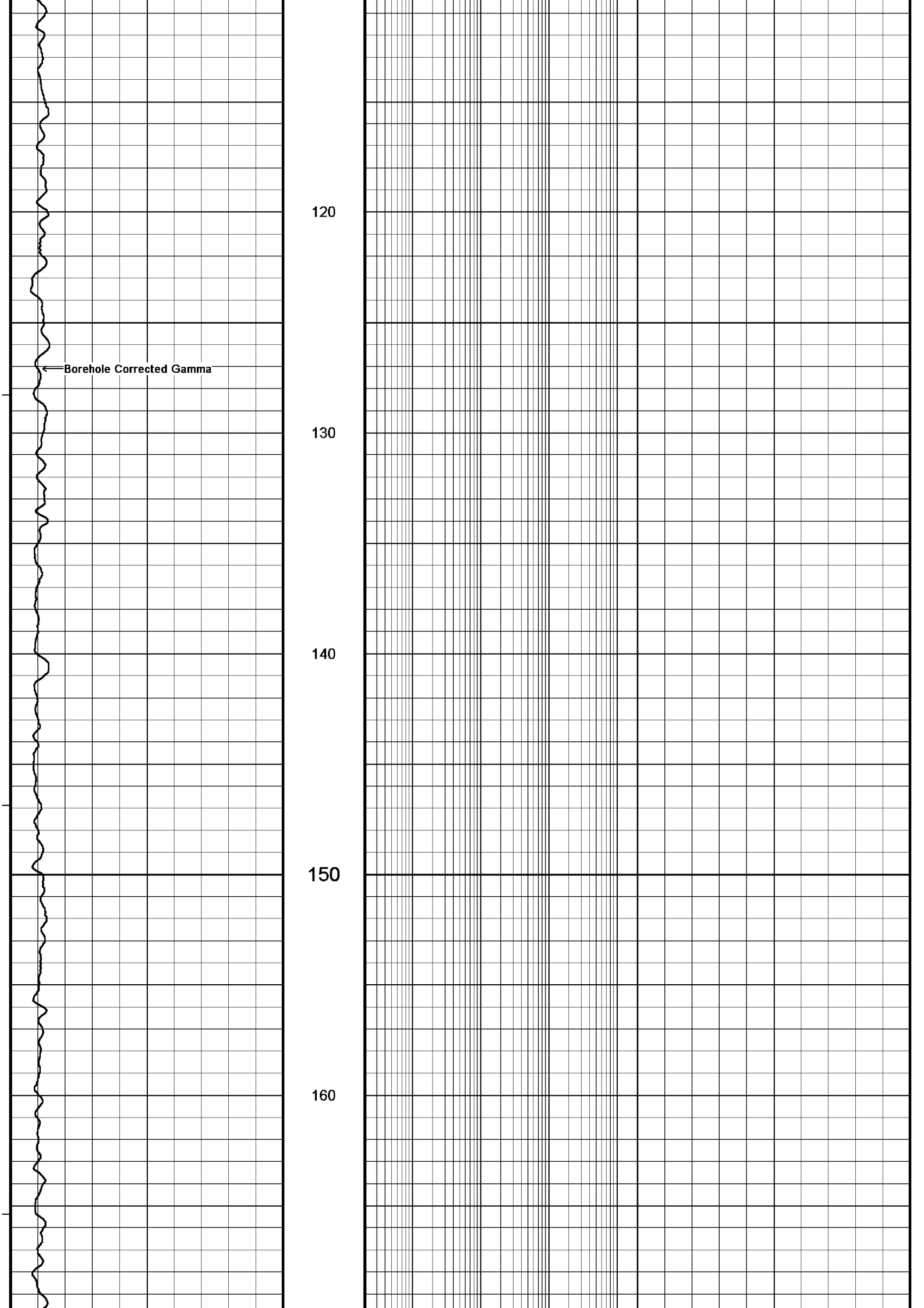
Density Correction
grams/cc
-0.25 0.25

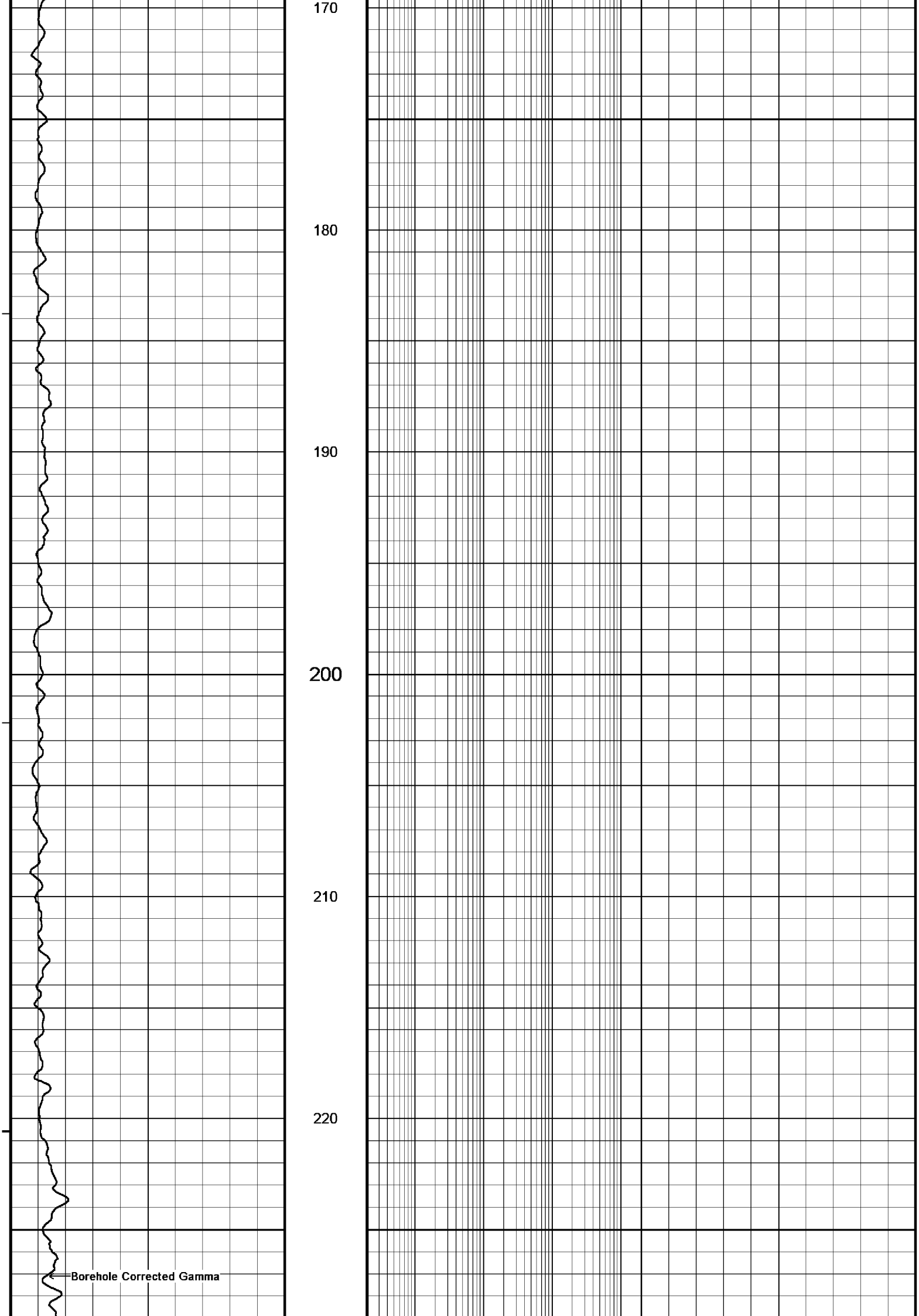
33

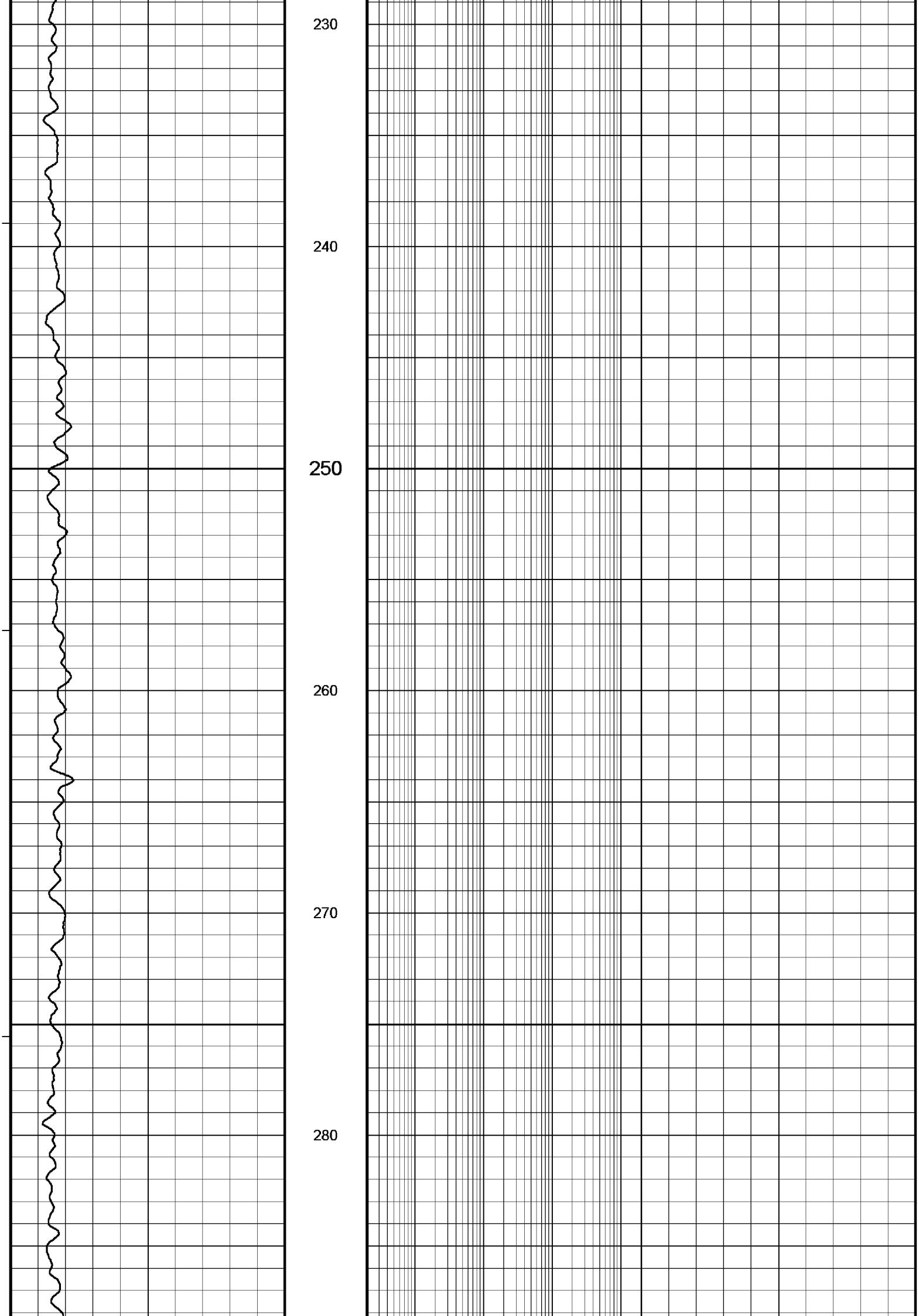
40

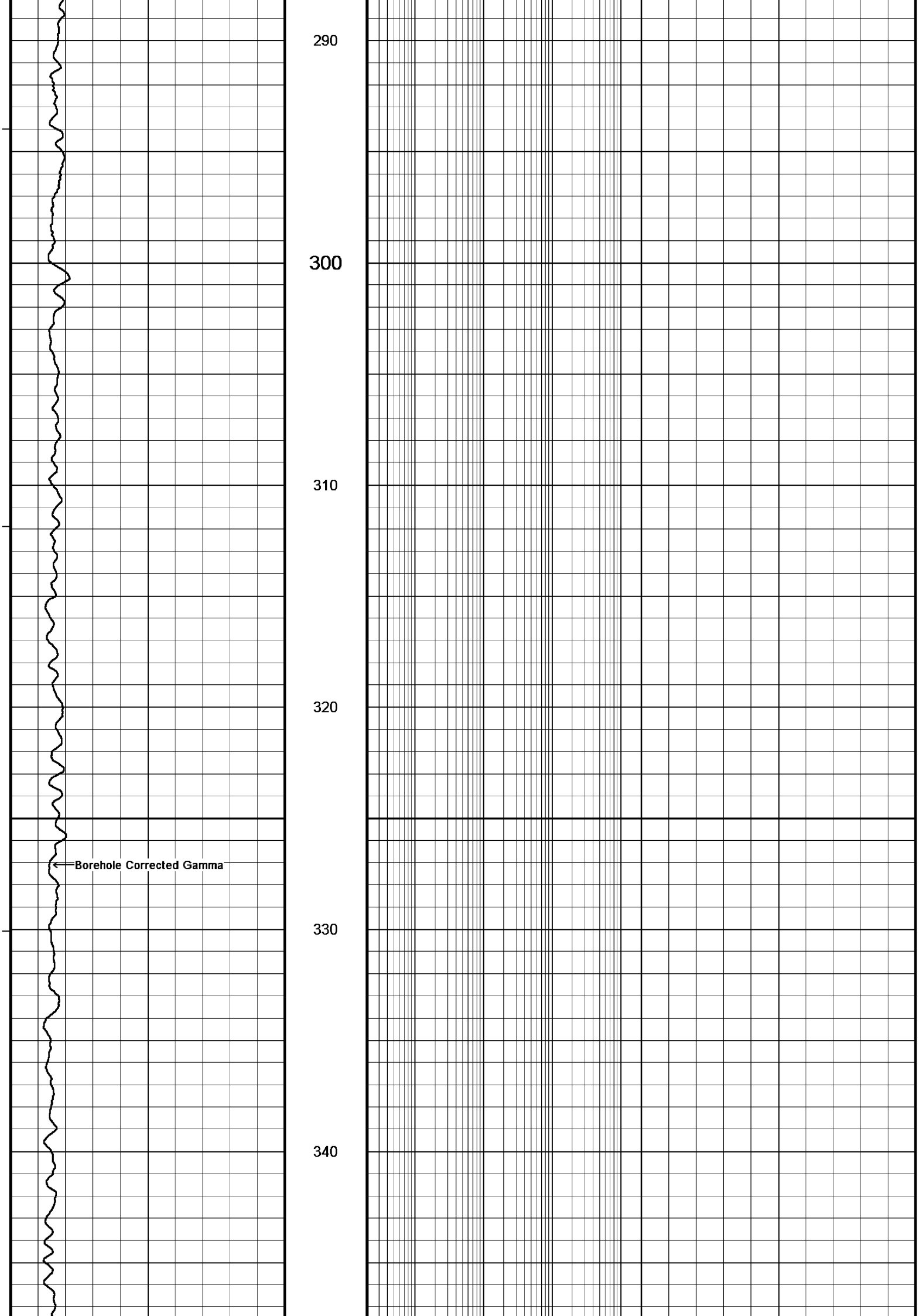
50

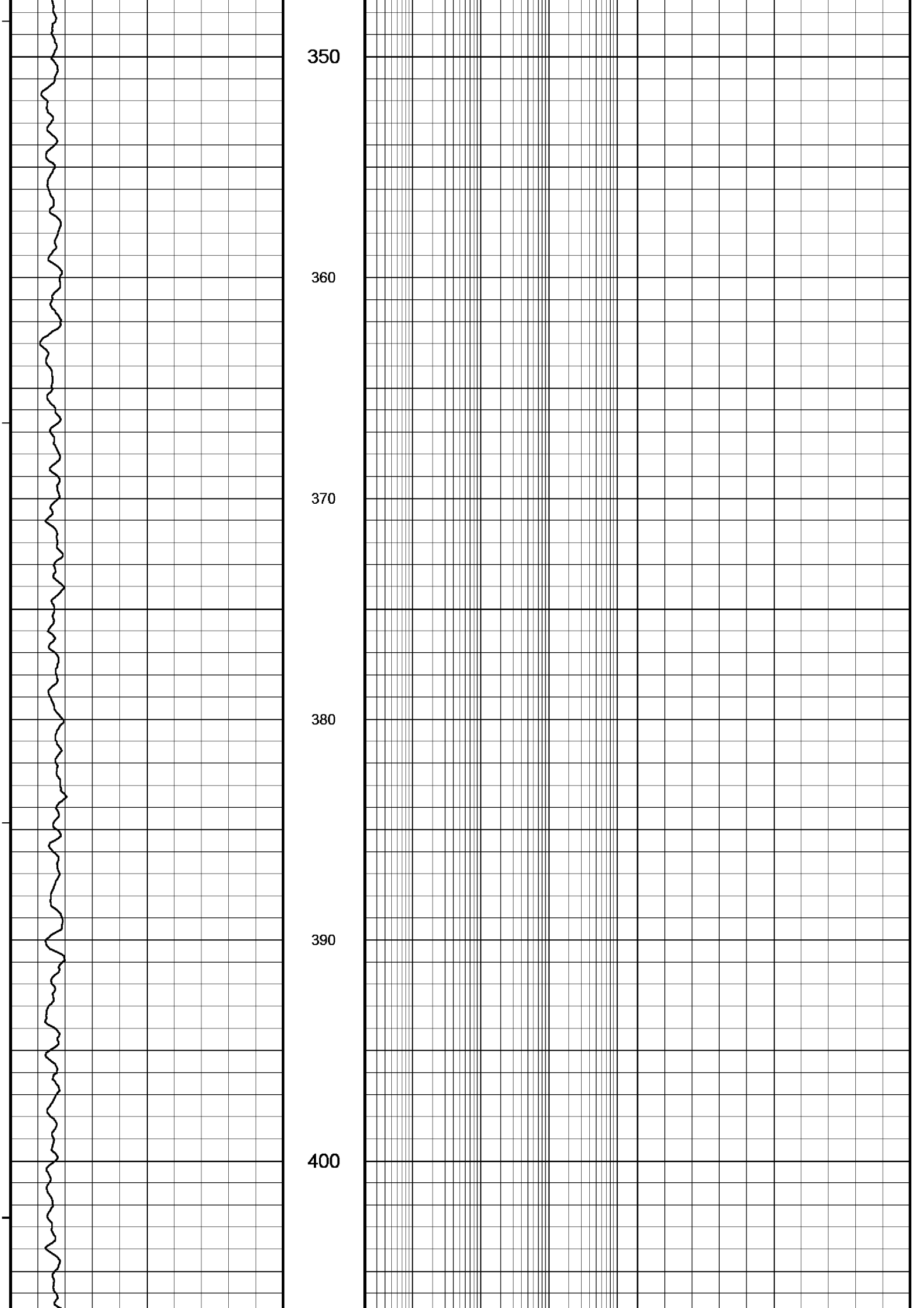

60
70
80
90
100
110

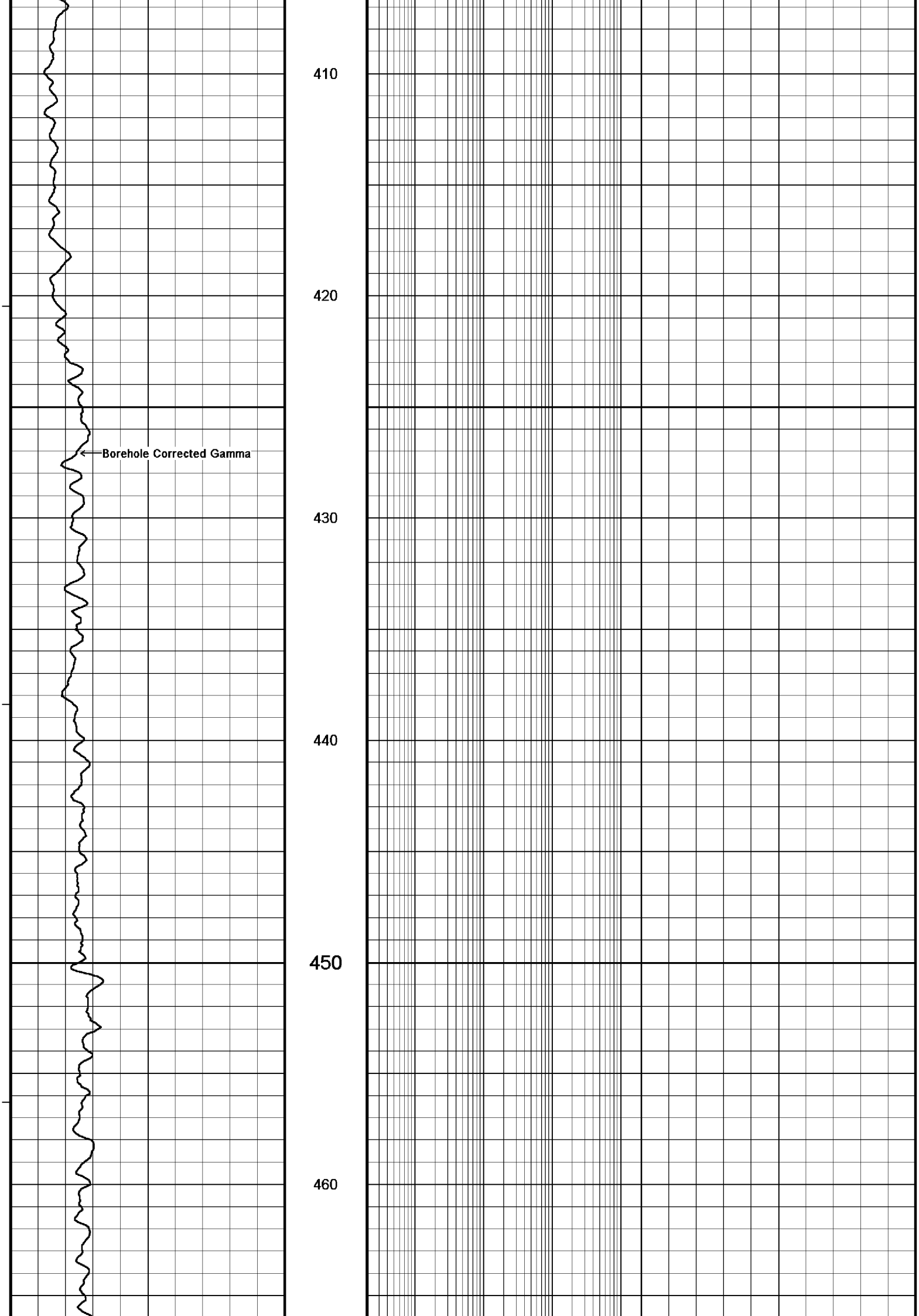

120
Borehole Corrected Gamma
130
140
150
160

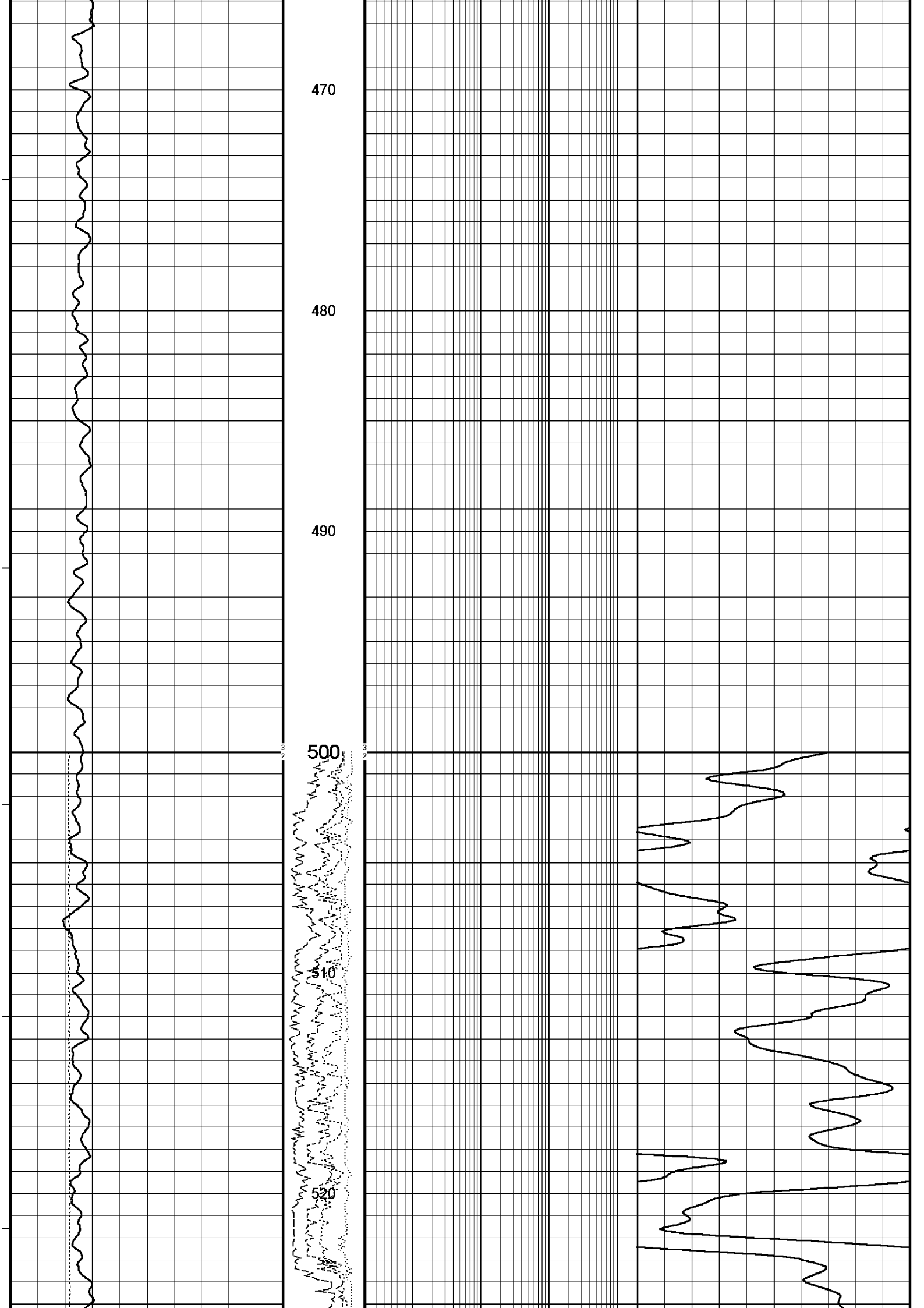

170
180
190
200
210
220
Borehole Corrected Gamma

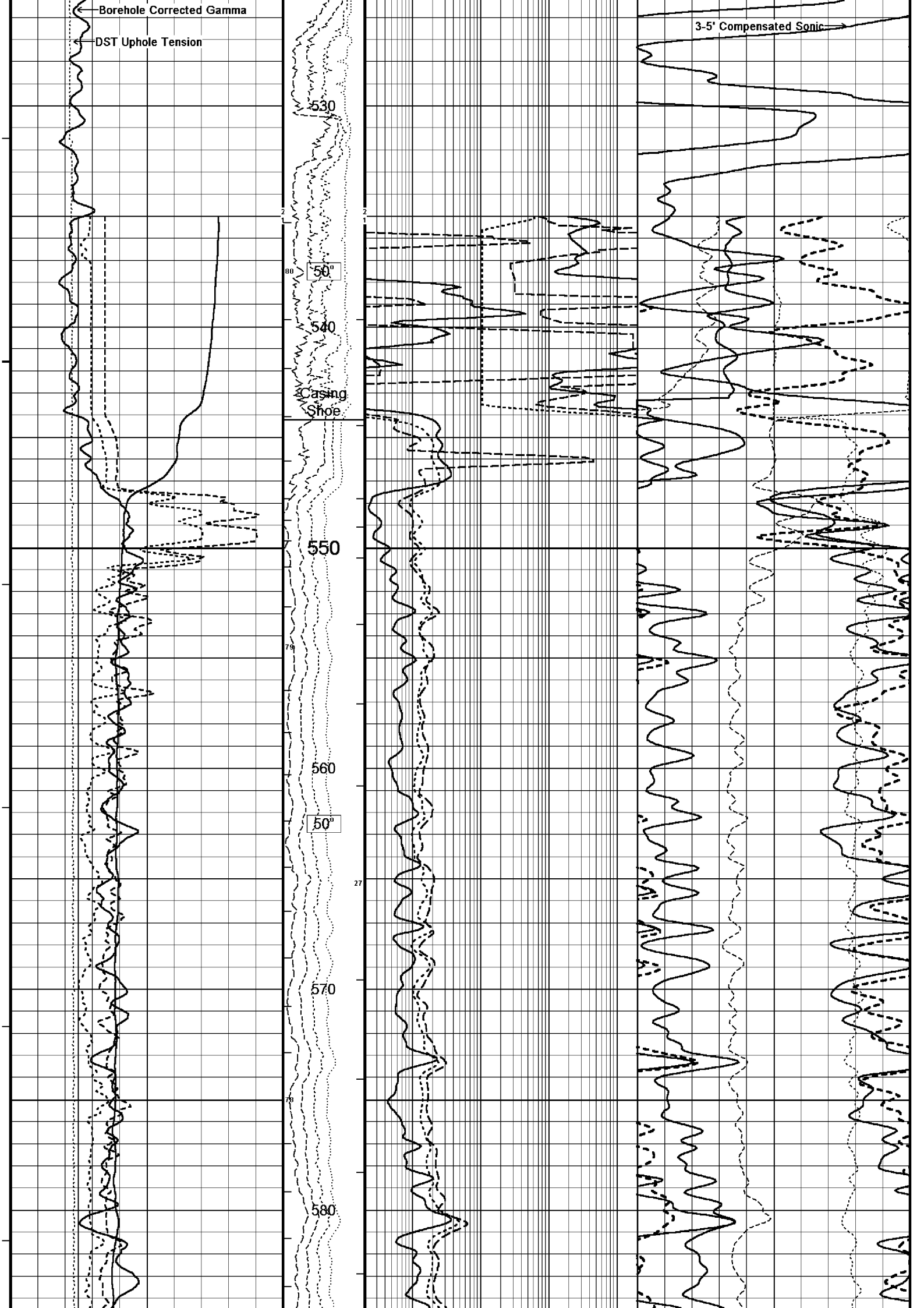

230
240
250
260
270
280

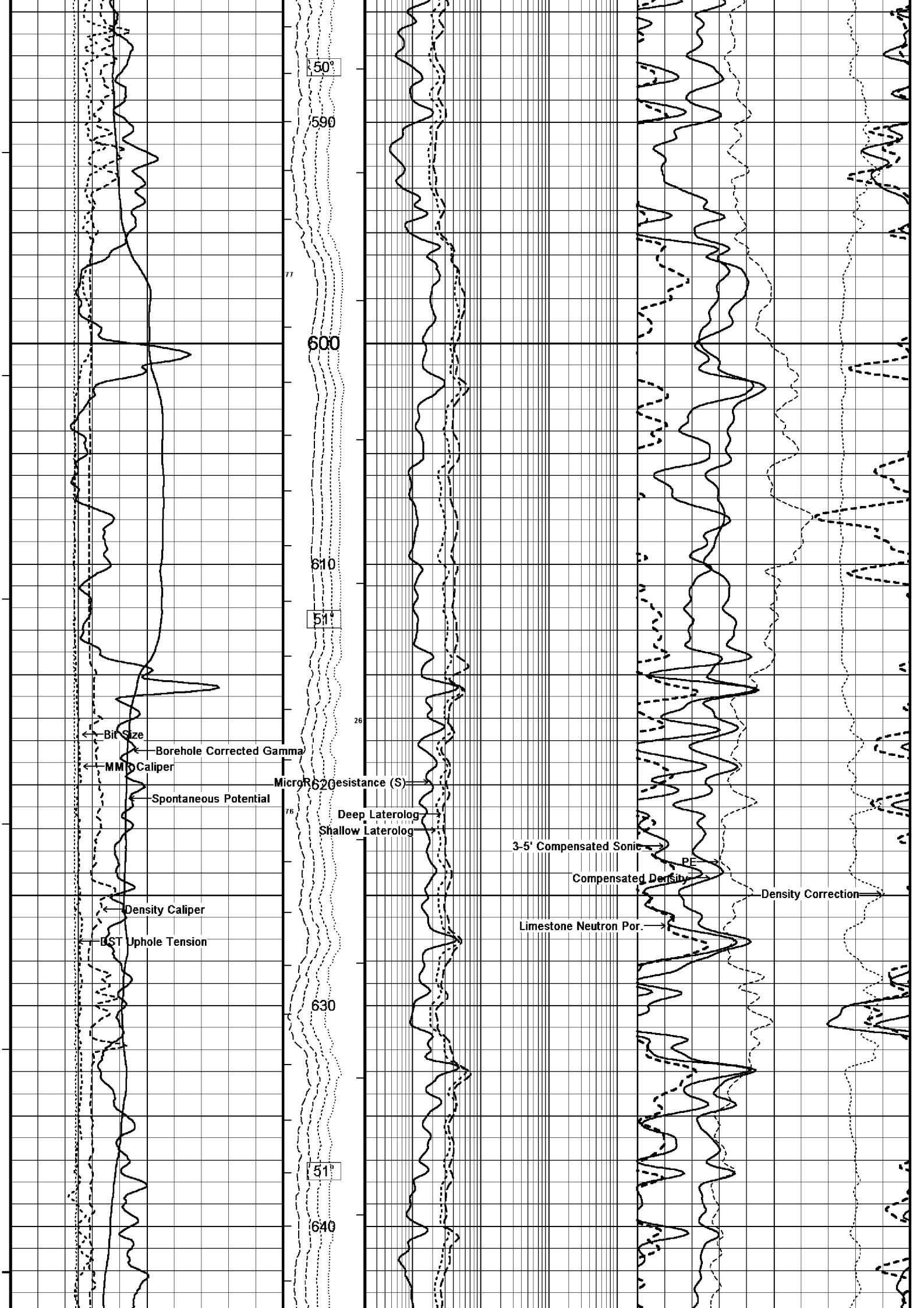

290
300
310
320
330
340
Borehole Corrected Gamma

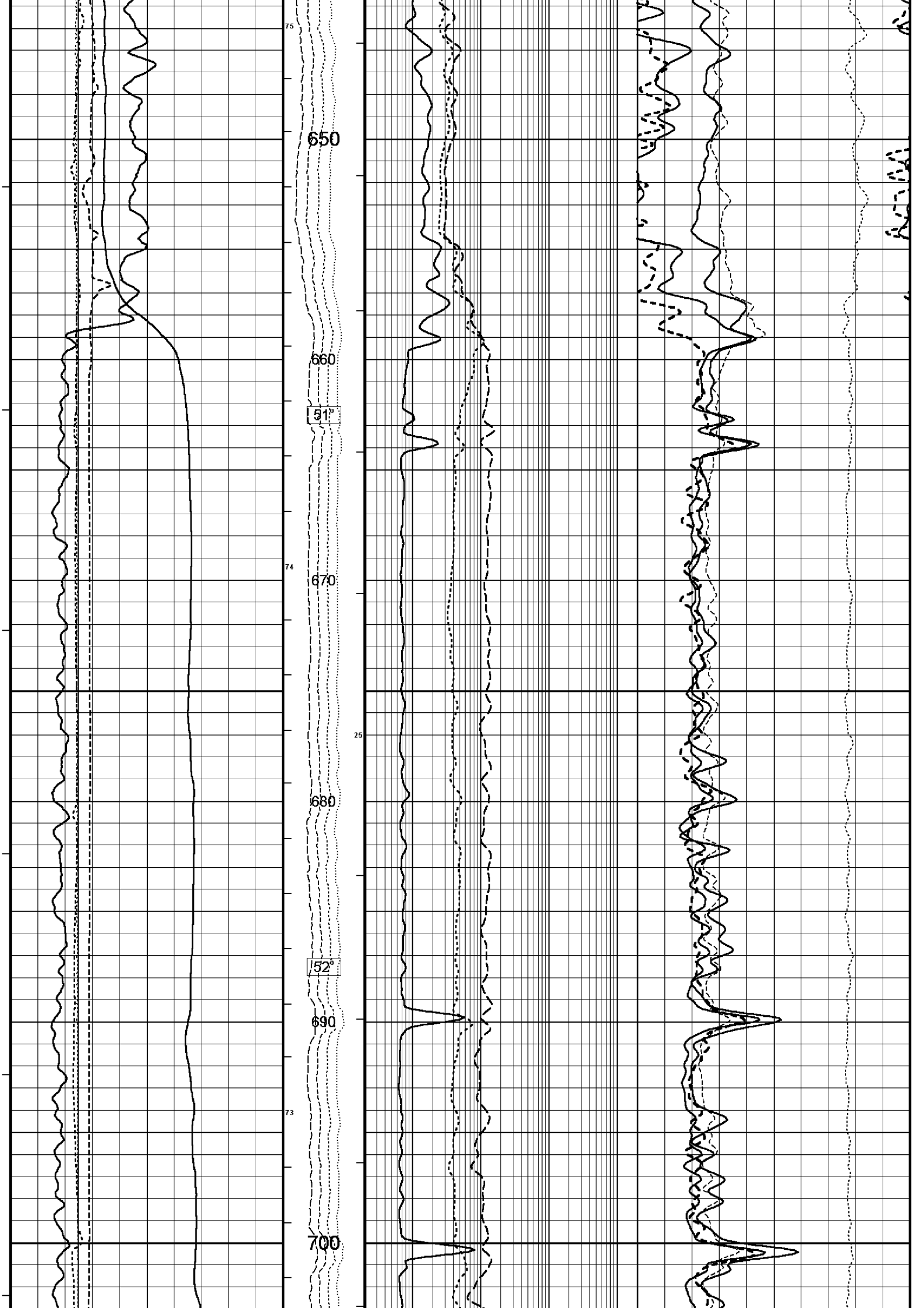

350
360
370
380
390
400

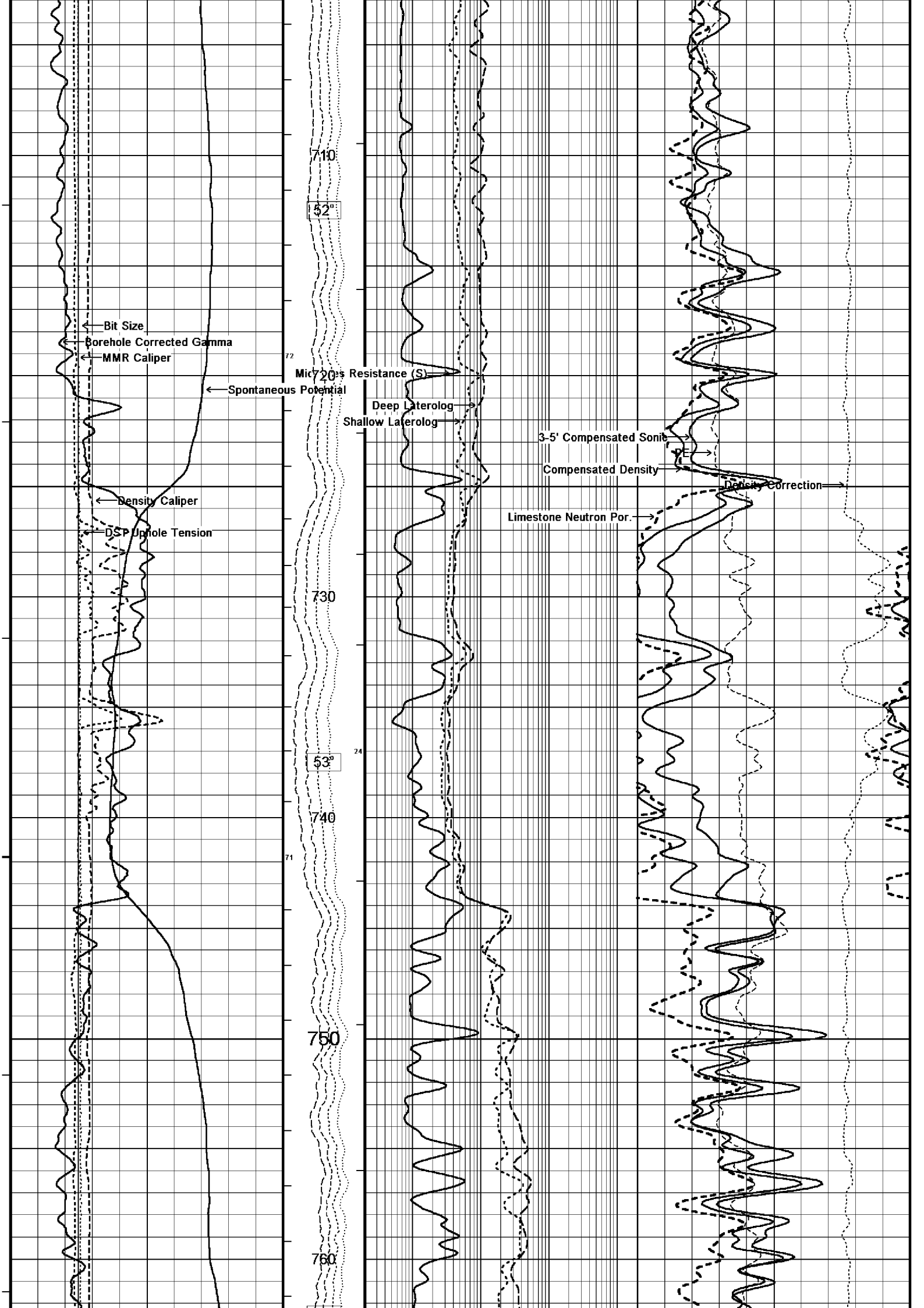

410
420
Borehole Corrected Gamma
430
440
450
460

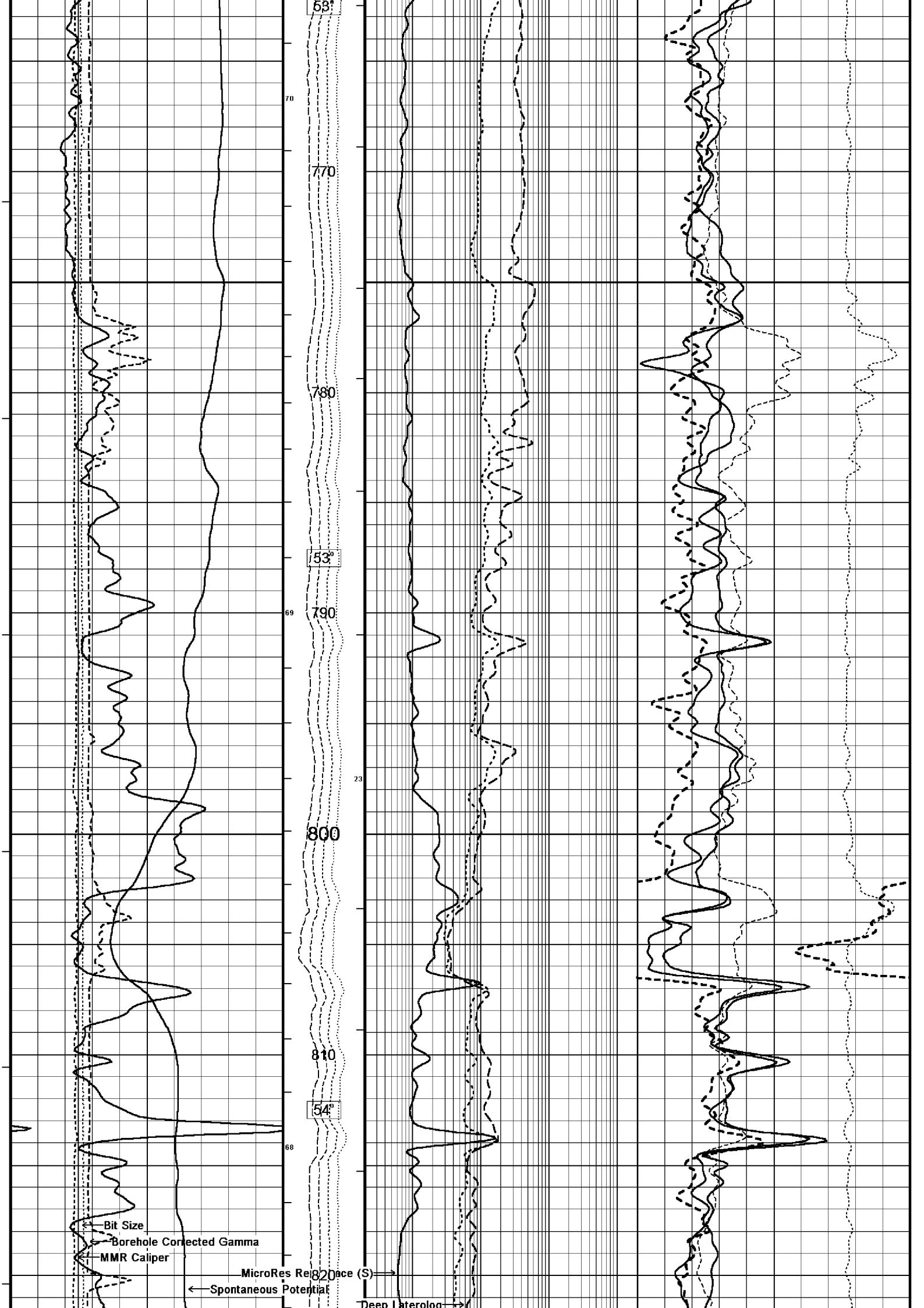

470
480
490
500
510
520

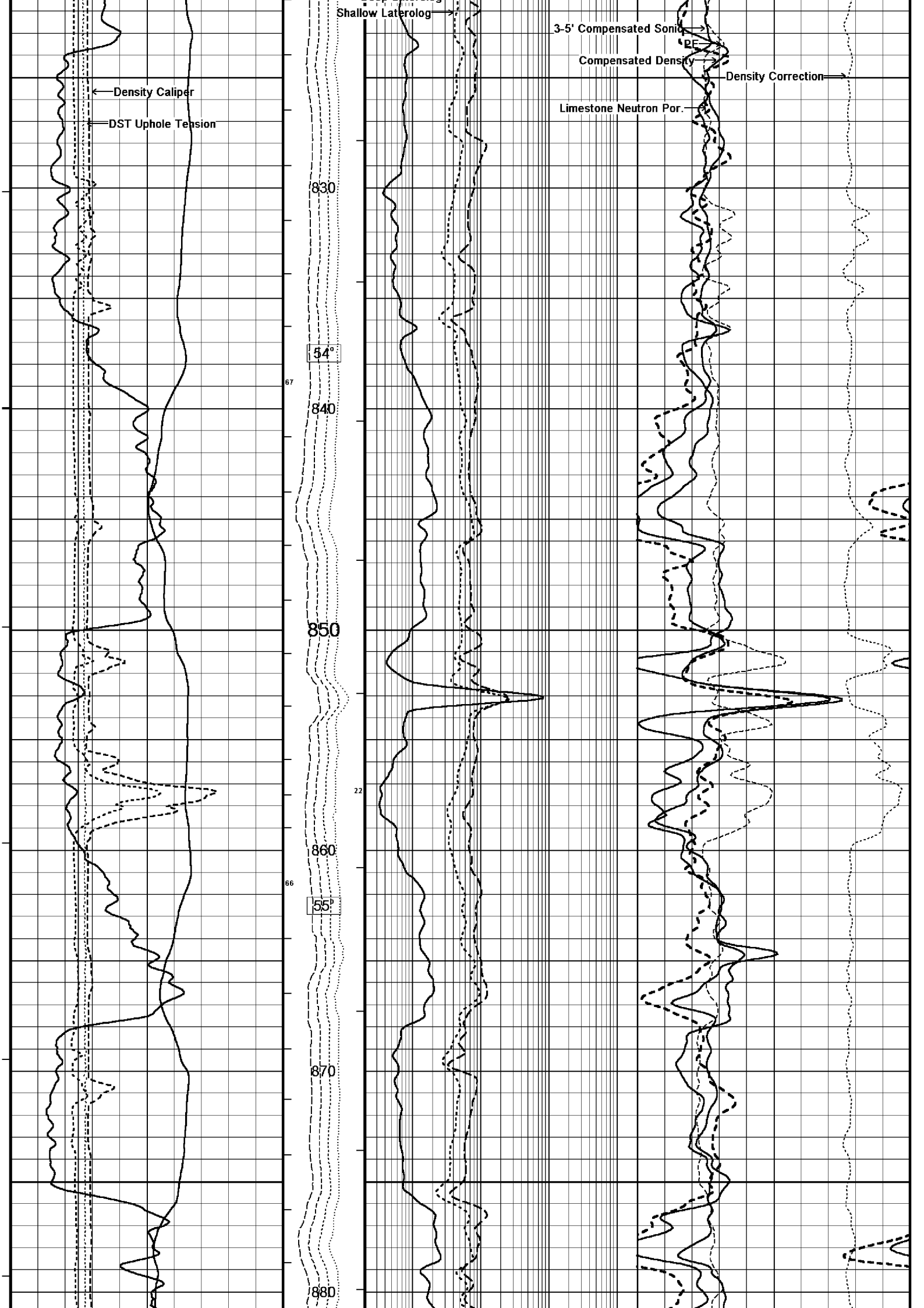

Borehole Corrected Gamma
DST Uphole Tension
3-5' Compensated Sonic
530
540
Casing Shoe
550
560
570
580
50°
50°

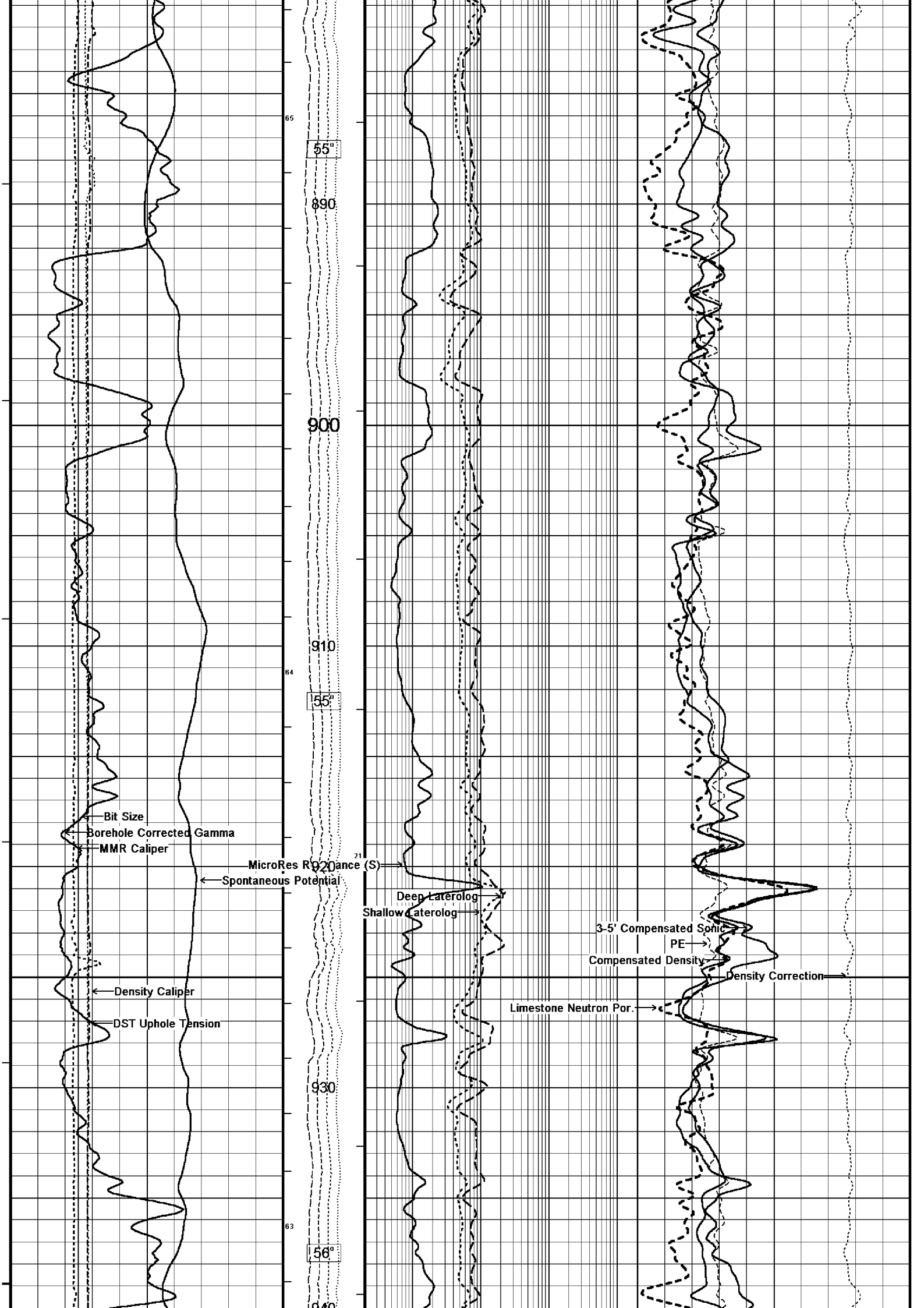

50°
590
600
610
51°
620
630
51°
640
Bit Size
Borehole Corrected Gamma
MMR Caliper
MicroResistance (S)
Spontaneous Potential
Deep Laterolog
Shallow Laterolog
3-5' Compensated Sonic
PE
Compensated Density
Density Correction
Density Caliper
Limestone Neutron Por.
DST Uphole Tension

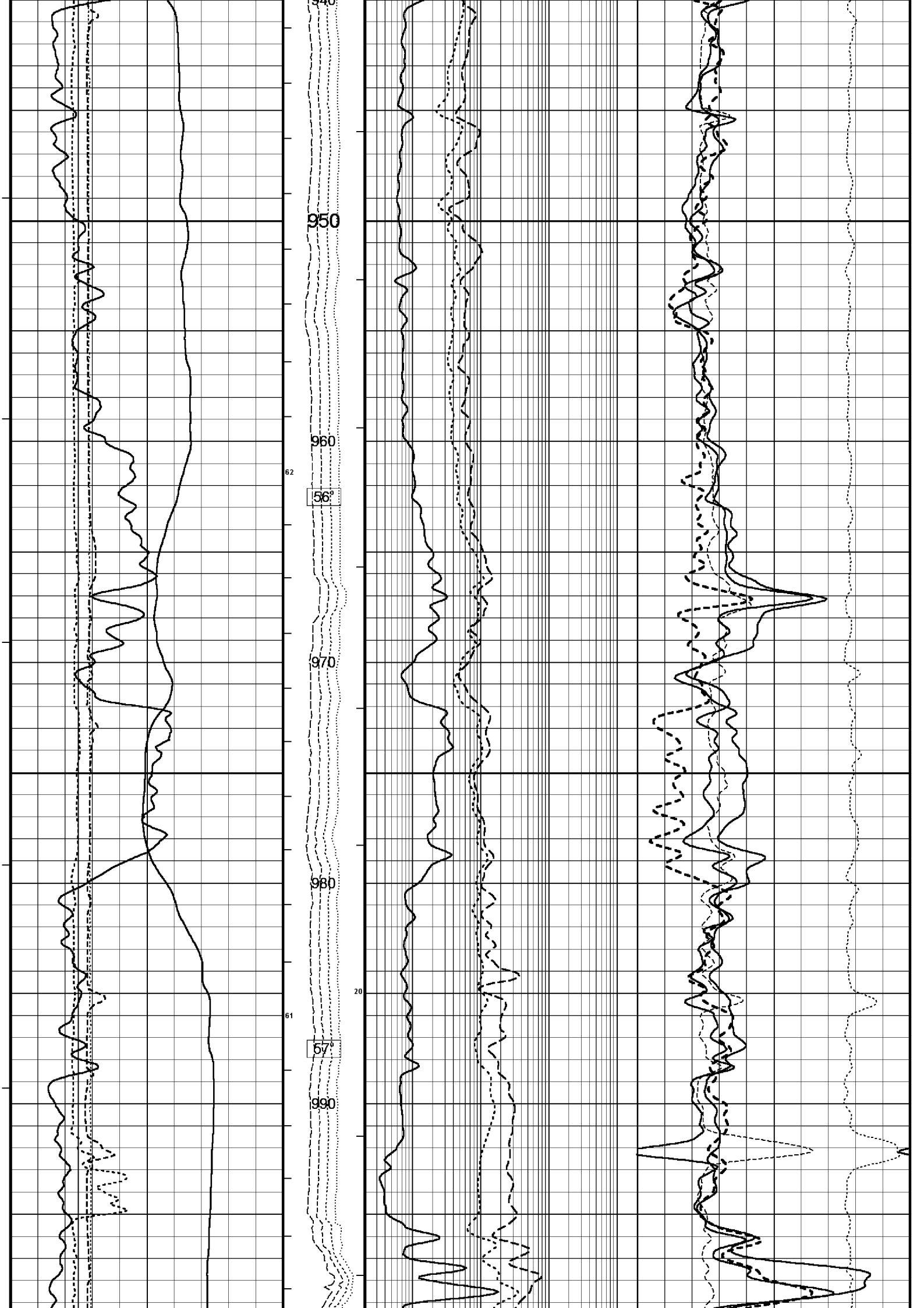

650
660
51°
670
680
52°
690
700

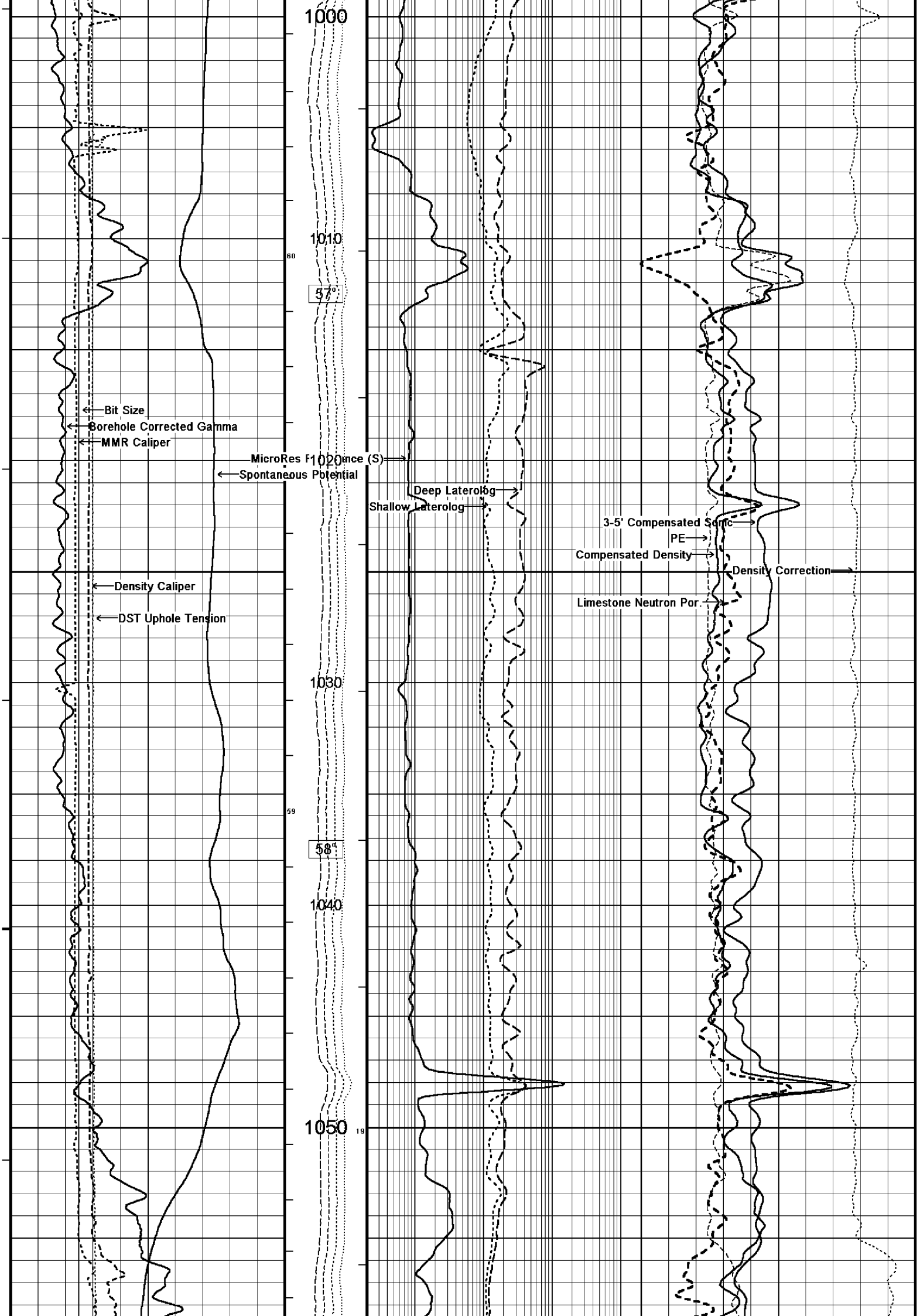

Bit Size
Borehole Corrected Gamma
MMR Caliper
Spontaneous Potential
Density Caliper
DSP Uphole Tension
Micro Resistance (S)
Deep Laterolog
Shallow Laterolog
3-5' Compensated Sonic
PE
Compensated Density
Density Correction
Limestone Neutron Por.
710
720
730
740
750
760
52"
53"

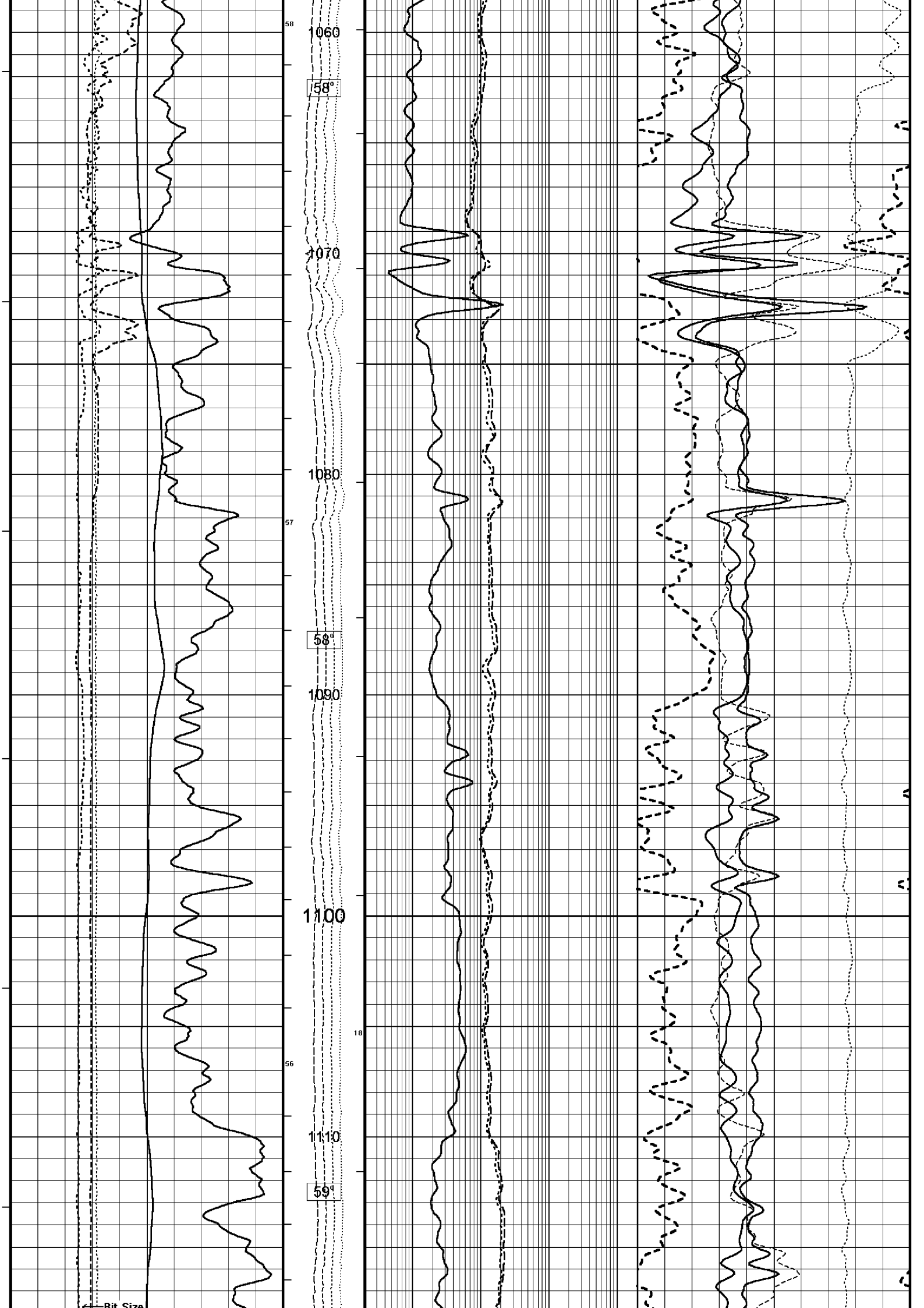

53"
770
780
53"
790
800
810
54"
820
←Bit Size
←Borehole Corrected Gamma
←MMR Caliper
←Spontaneous Potential
MicroRes Resistance (S)→
Deep Laterolog→

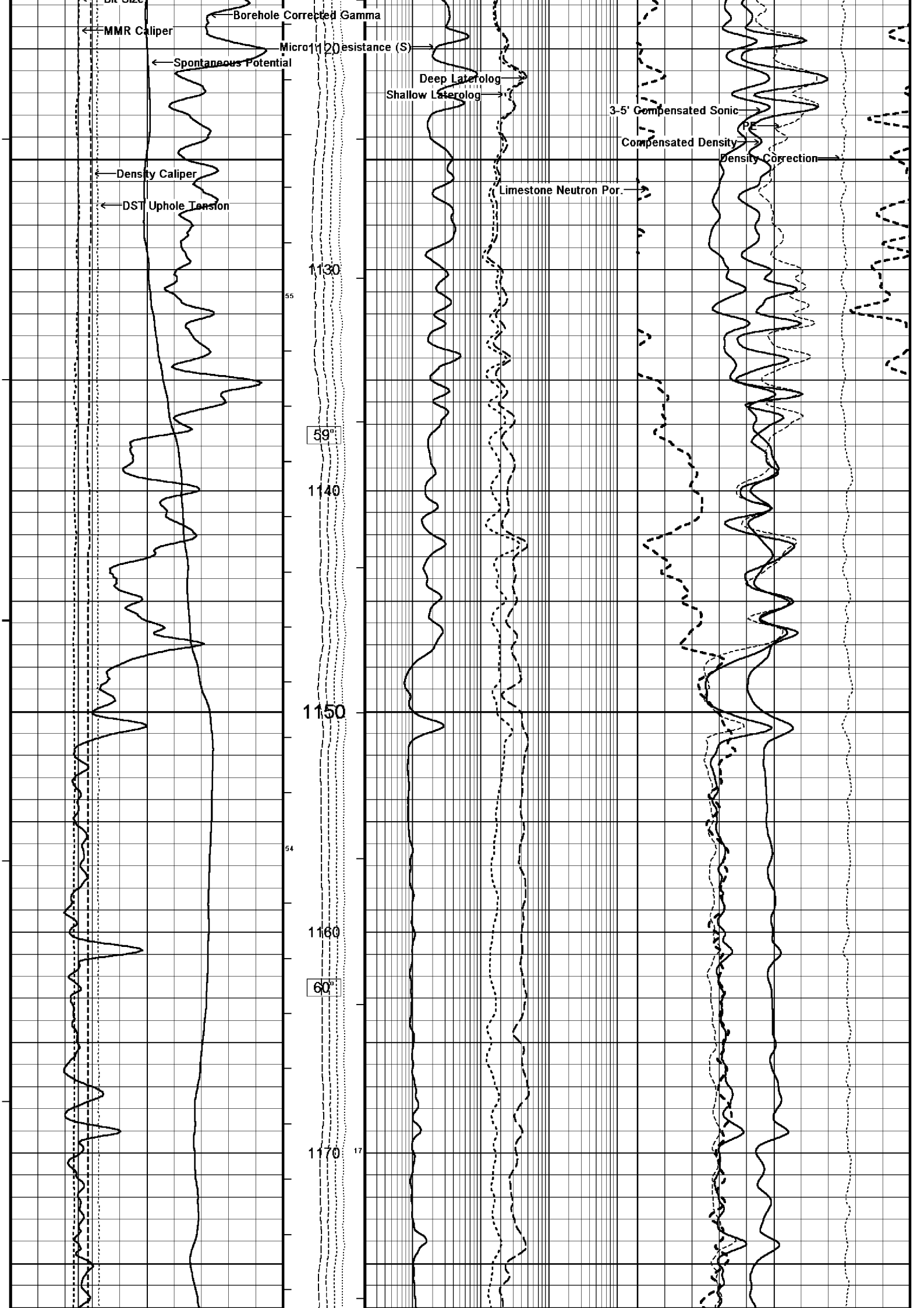

Shallow Laterolog
3-5' Compensated Sonic
PE
Compensated Density
Density Correction
Limestone Neutron Por.
Density Caliper
DST Uphole Tension
830
54°
840
850
860
55°
870
880

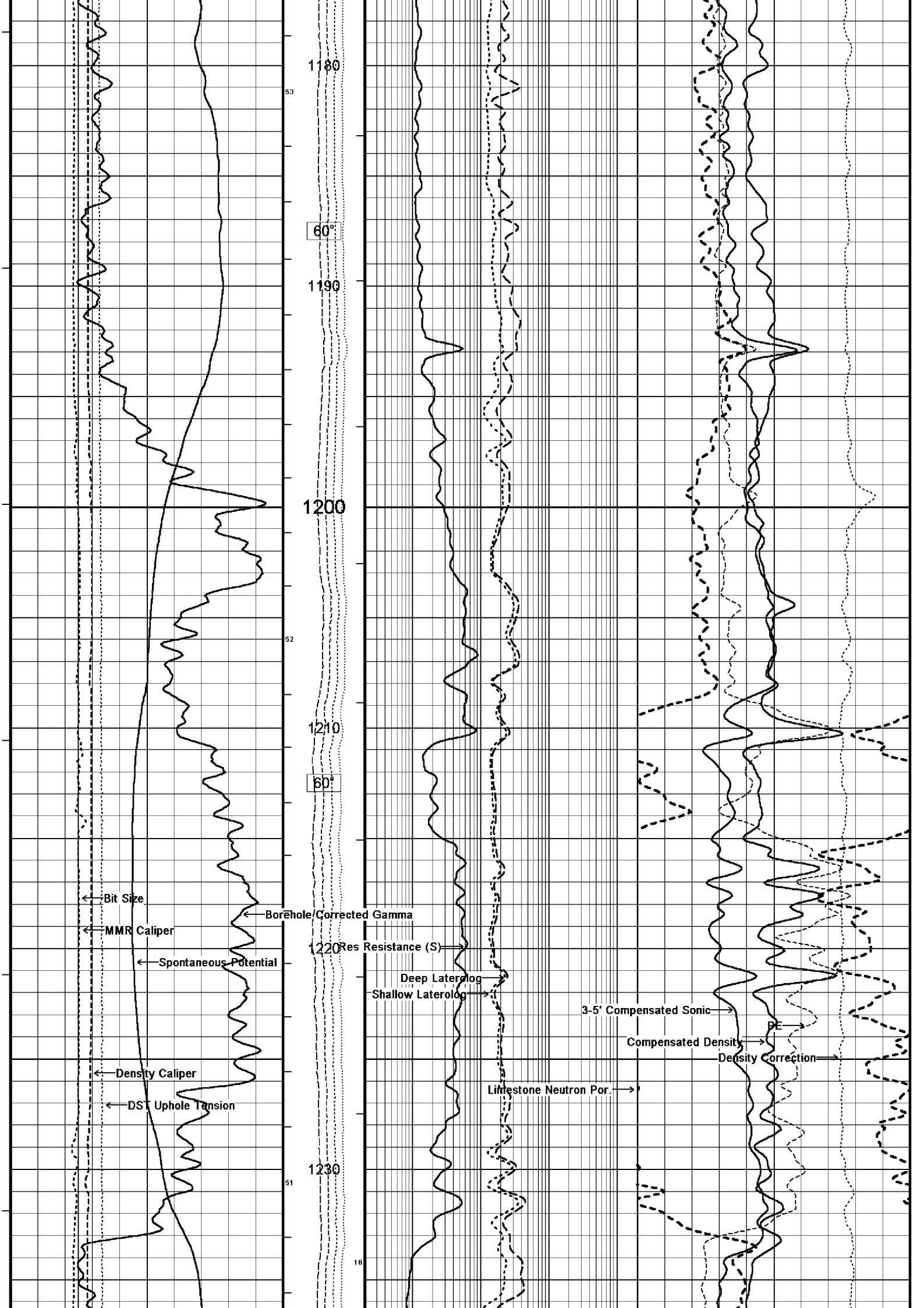

65
55°
890
900
910
64
55°
Bit Size
Borehole Corrected Gamma
MMR Caliper
MicroRes Resistance (S)
Spontaneous Potential
Deep Laterolog
Shallow Laterolog
3-5' Compensated Sonic
PE
Compensated Density
Density Correction
Density Caliper
Limestone Neutron Por.
DST Uphole Tension
930
63
56°

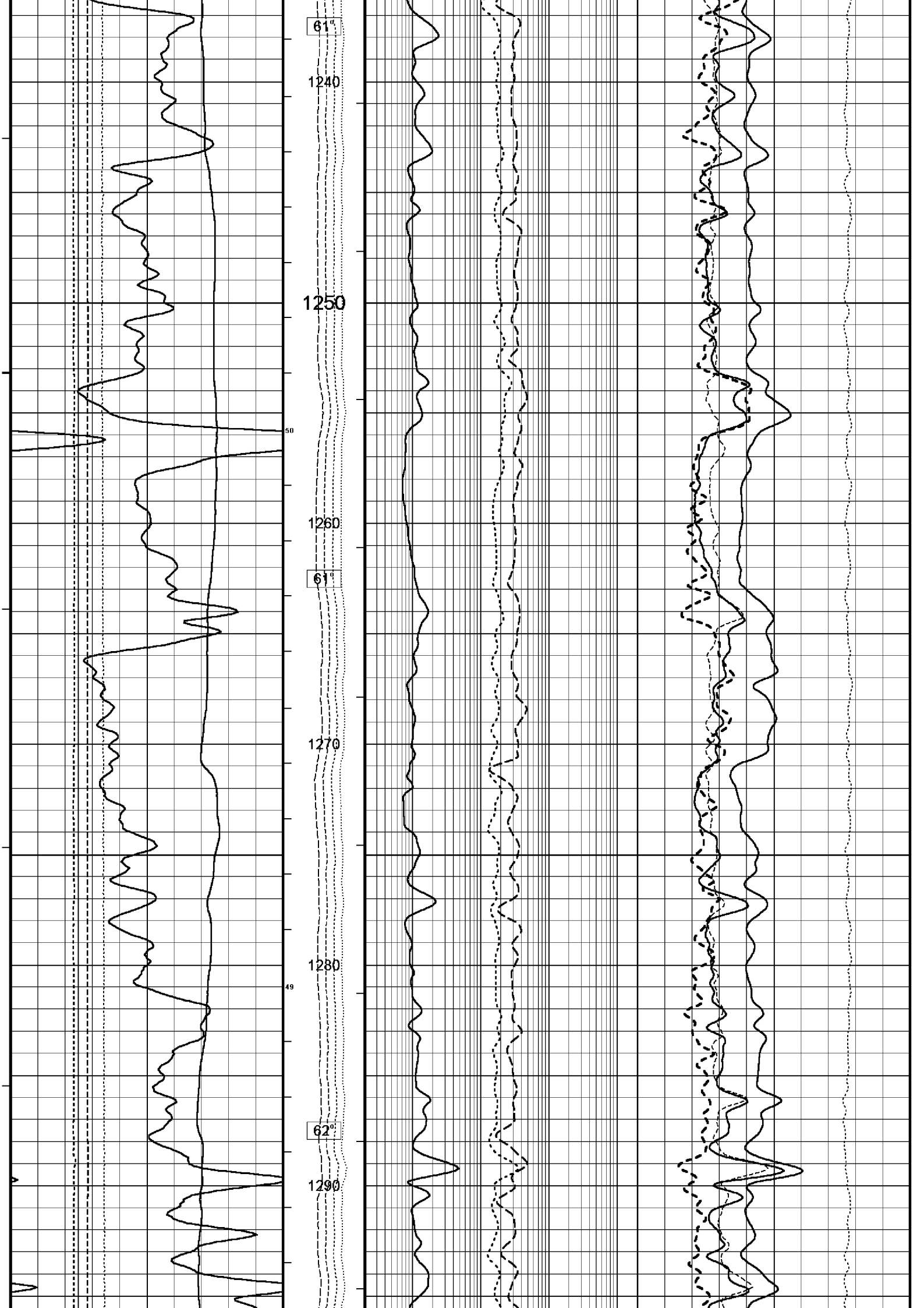

940
950
960
970
980
990
62
61
56°
57°
20

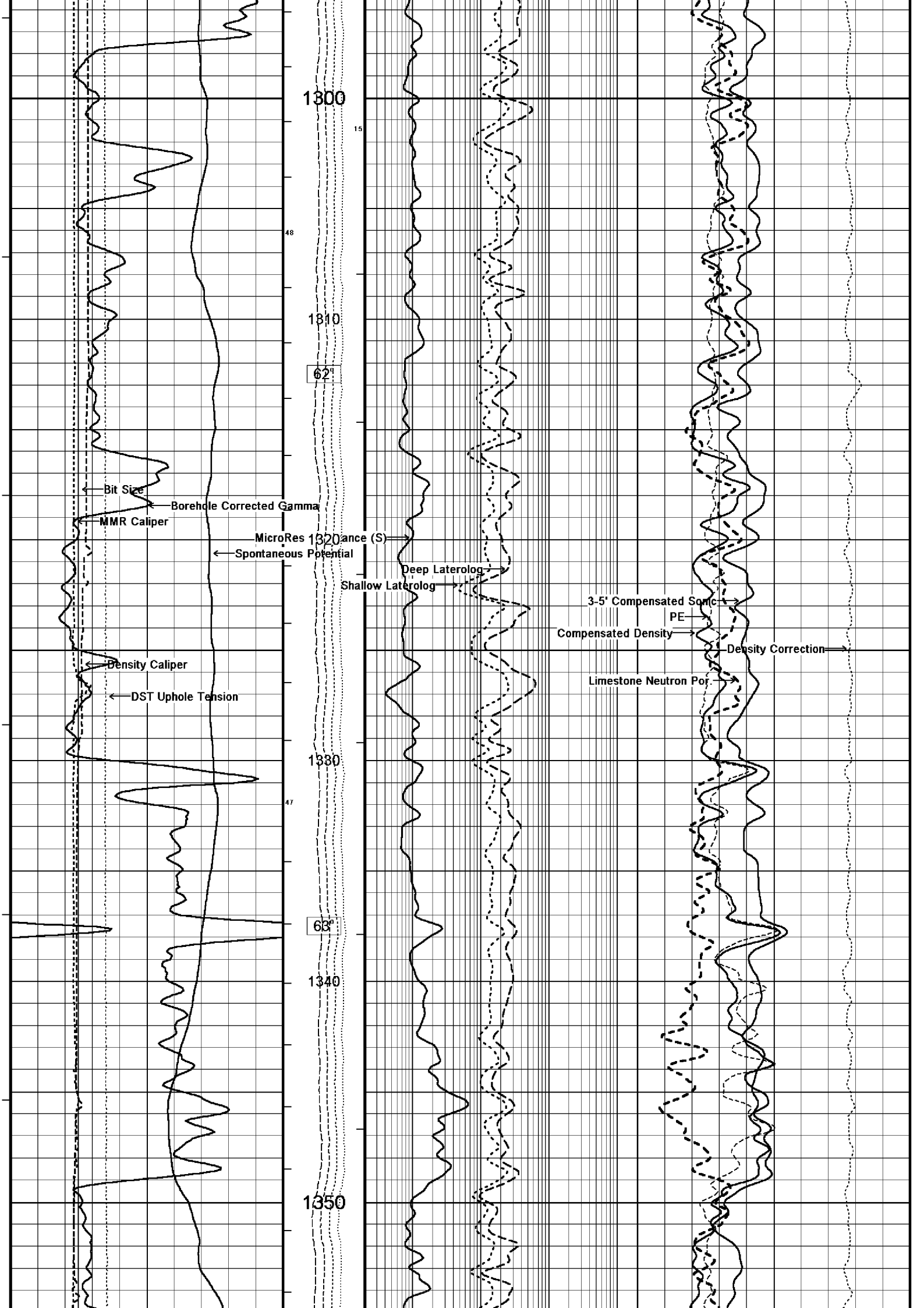

1000
1010
1020
1030
1040
1050
60
59
58
19
57°
Bit Size
Borehole Corrected Gamma
MMR Caliper
MicroRes Resistance (S)
Spontaneous Potential
Deep Laterolog
Shallow Laterolog
3-5' Compensated Sonic
PE
Compensated Density
Density Correction
Density Caliper
Limestone Neutron Por.
DST Uphole Tension

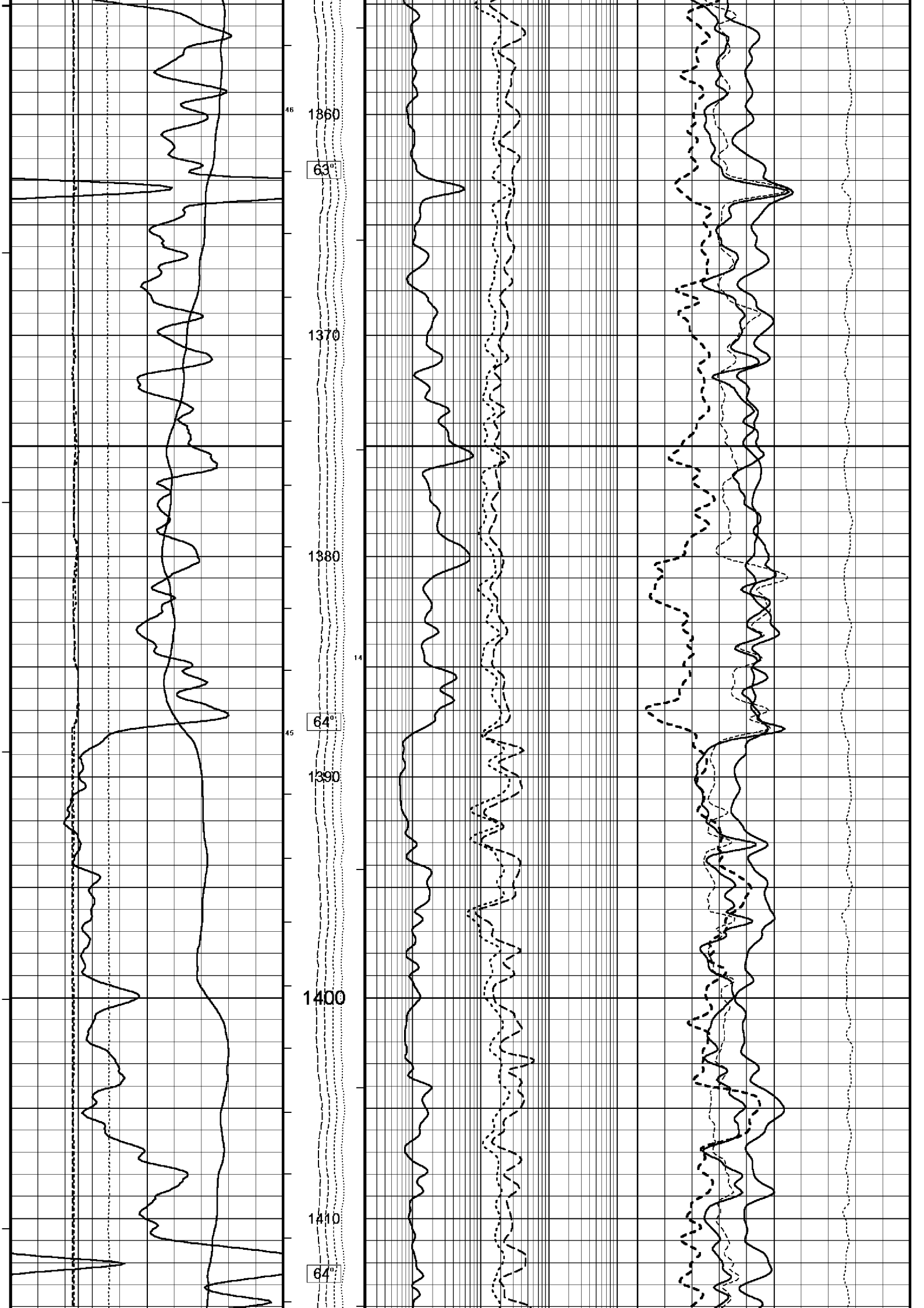

1060
58°
1070
1080
58°
1090
1100
1110
59°
Bit Size

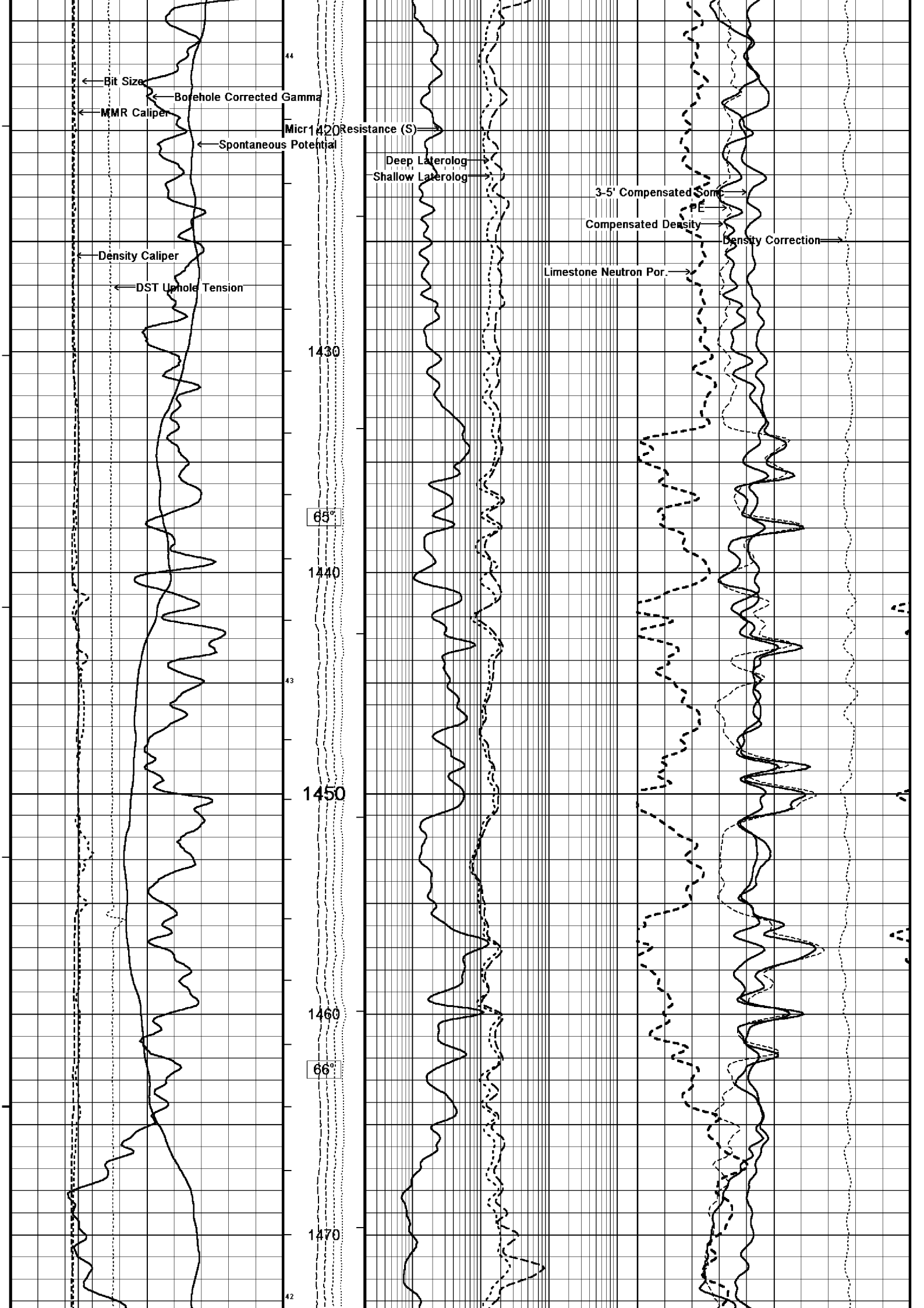

Bit Size
Borehole Corrected Gamma
MMR Caliper
Micro Resistance (S)
Spontaneous Potential
Deep Laterolog
Shallow Laterolog
3-5' Compensated Sonic
PE
Compensated Density
Density Correction
Density Caliper
Limestone Neutron Por.
DST Uphole Tension
1120
1130
1140
1150
1160
1170
55
59°
54
60°
17

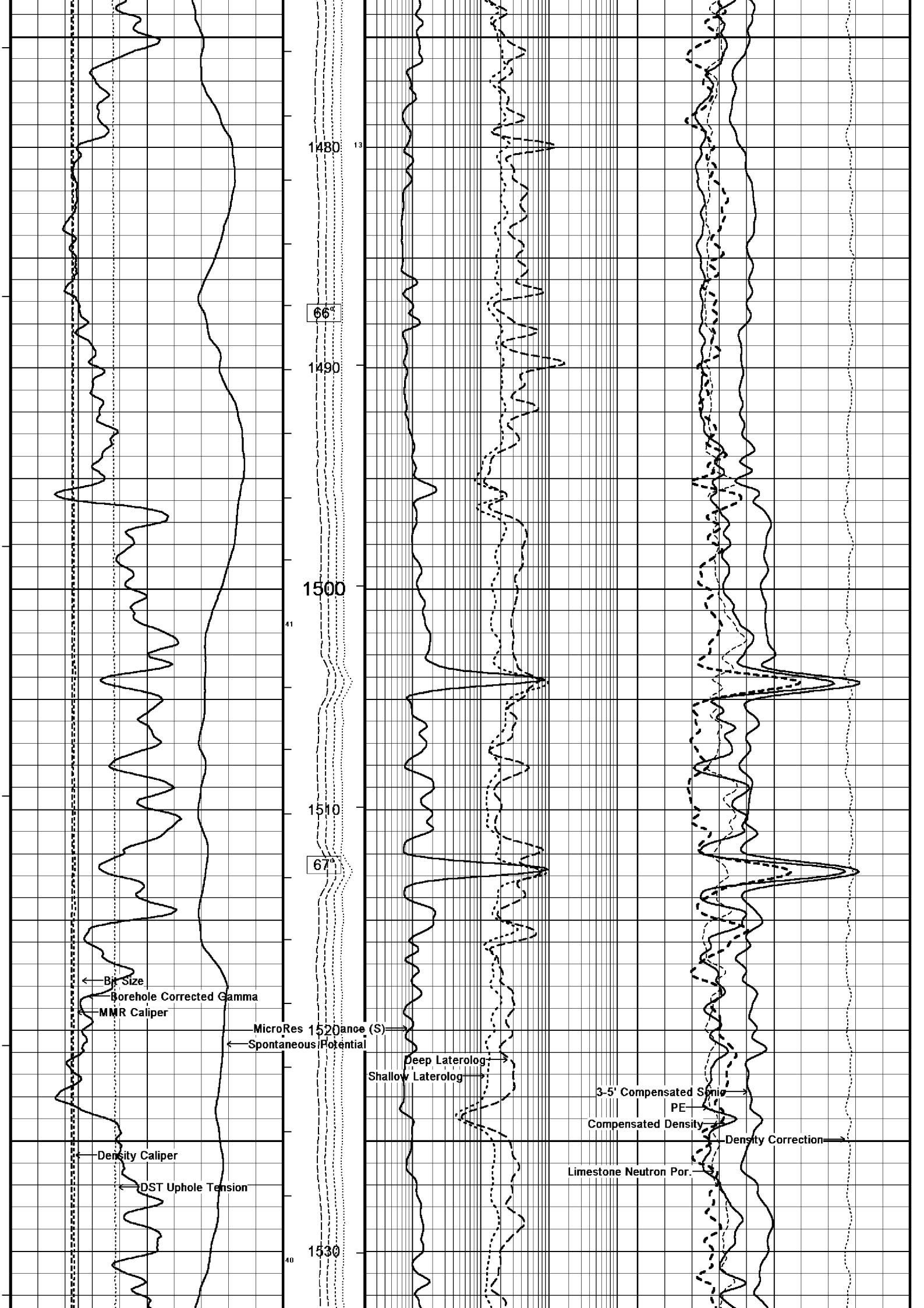

1180
60°
1190
1200
1210
60°
1220
1230
Bit Size
Borehole Corrected Gamma
MMR Caliper
Res Resistance (S)
Spontaneous Potential
Deep Laterolog
Shallow Laterolog
3-5' Compensated Sonic
PE
Compensated Density
Density Correction
Density Caliper
Limestone Neutron Por
DST Uphole Tension

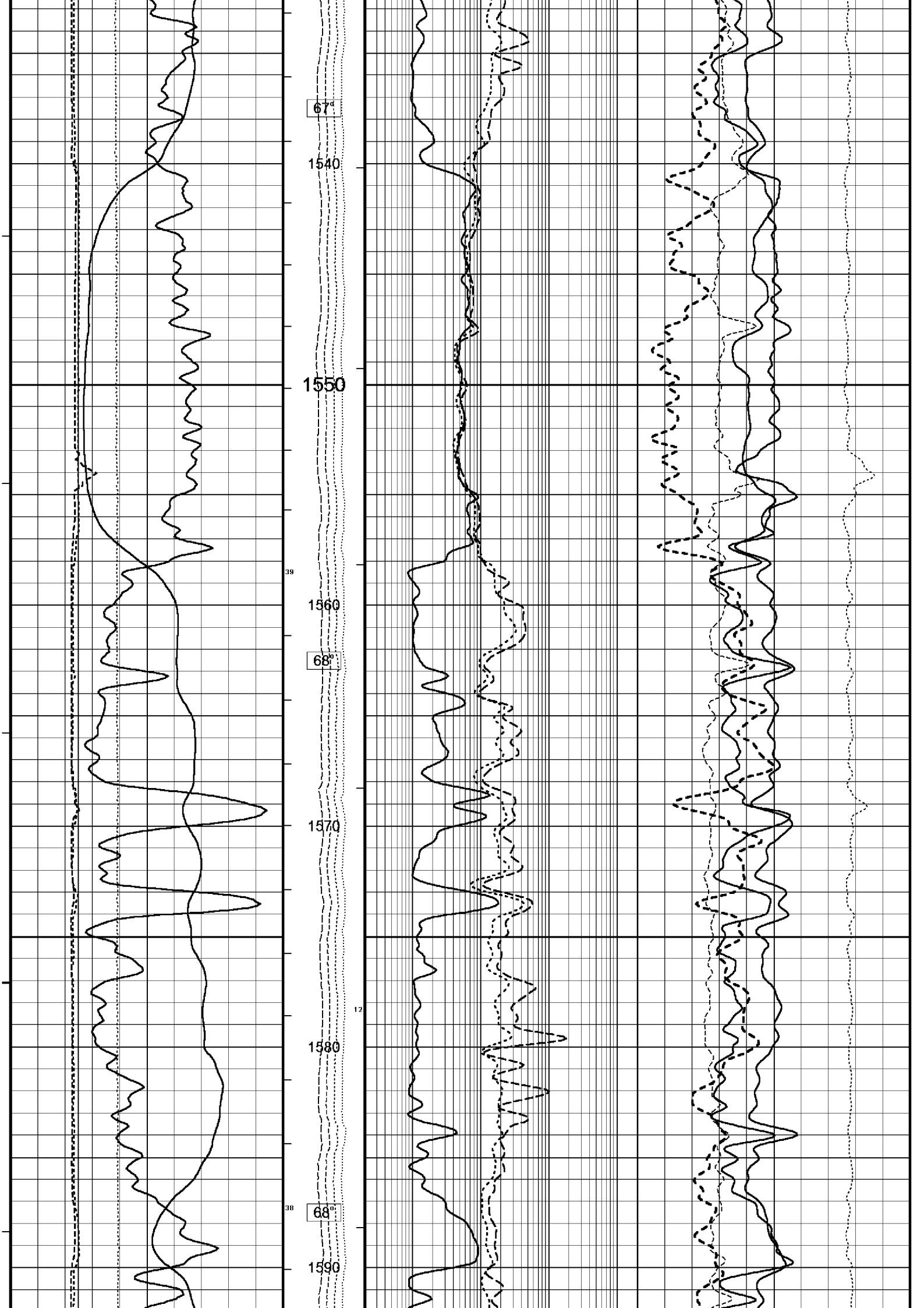

61°
1240
1250
50
1260
61°
1270
49
1280
62°
1290

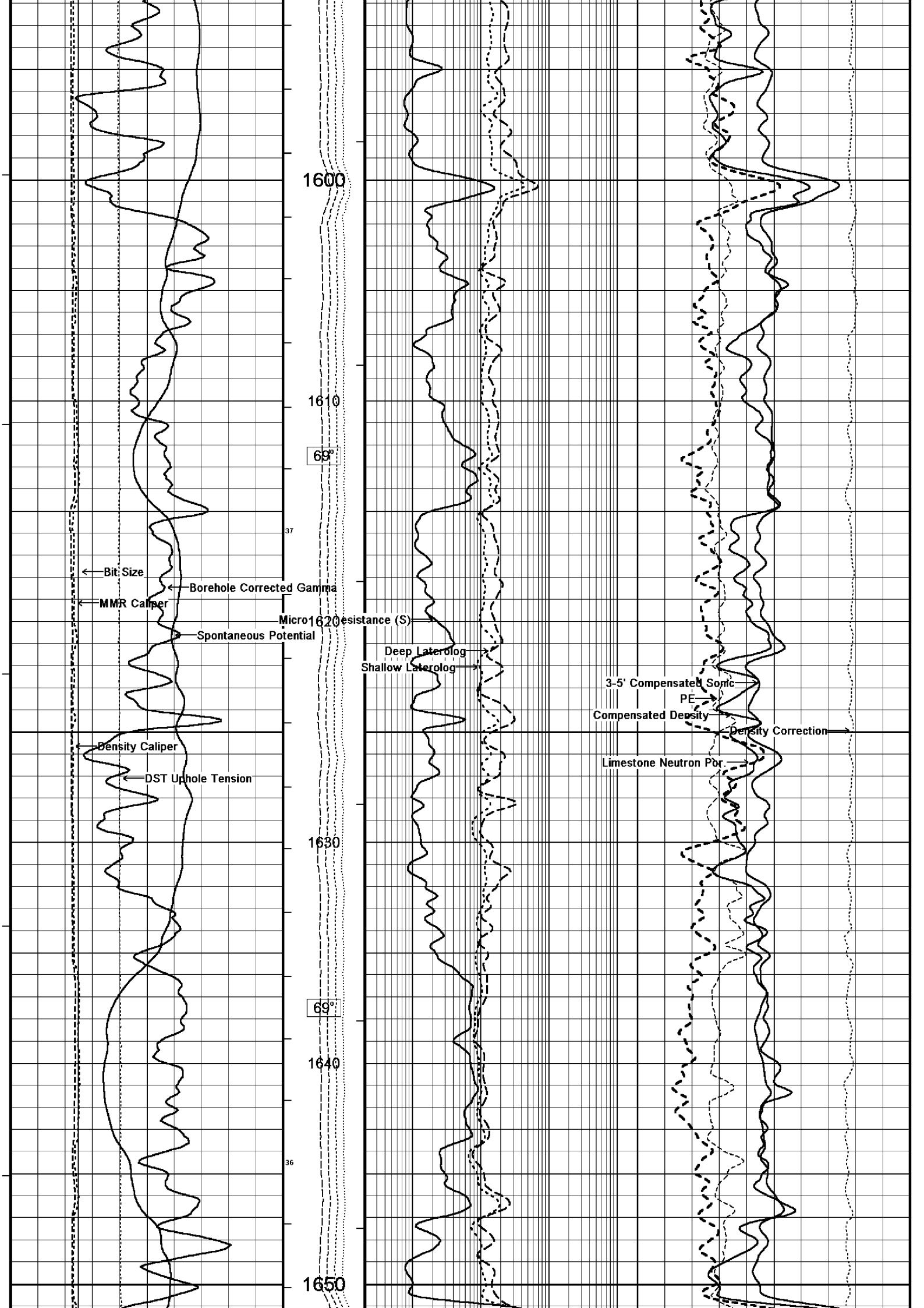

1300
1310
1320
1330
1340
1350
62"
63"
Bit Size
Borehole Corrected Gamma
MMR Caliper
MicroRes 1320ance (S)
Spontaneous Potential
Deep Laterolog
Shallow Laterolog
3-5' Compensated Sonic
PE
Compensated Density
Density Correction
Density Caliper
Limestone Neutron Por
DST Uphole Tension

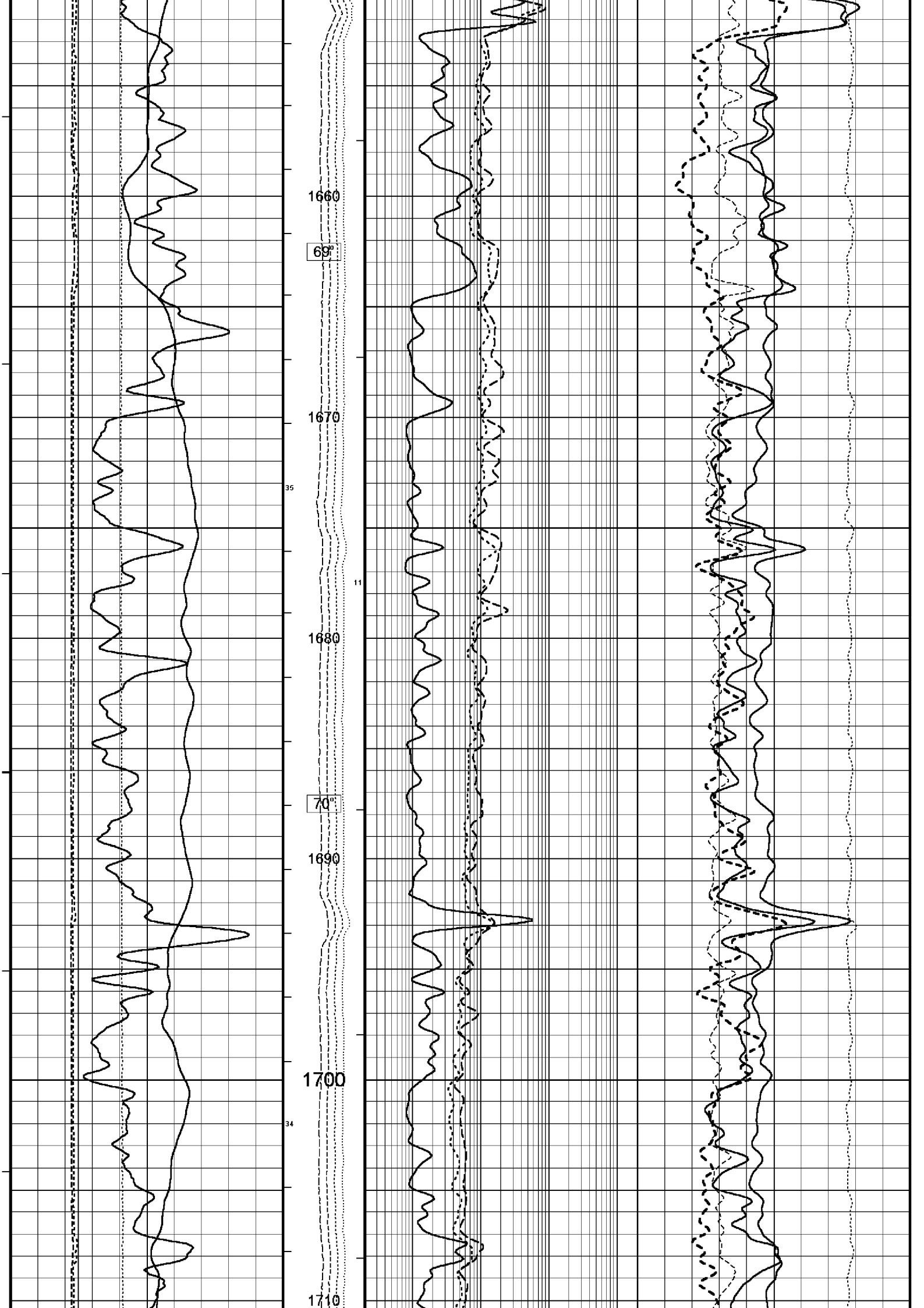

1360
63°
1370
1380
64°
1390
1400
1410
64°

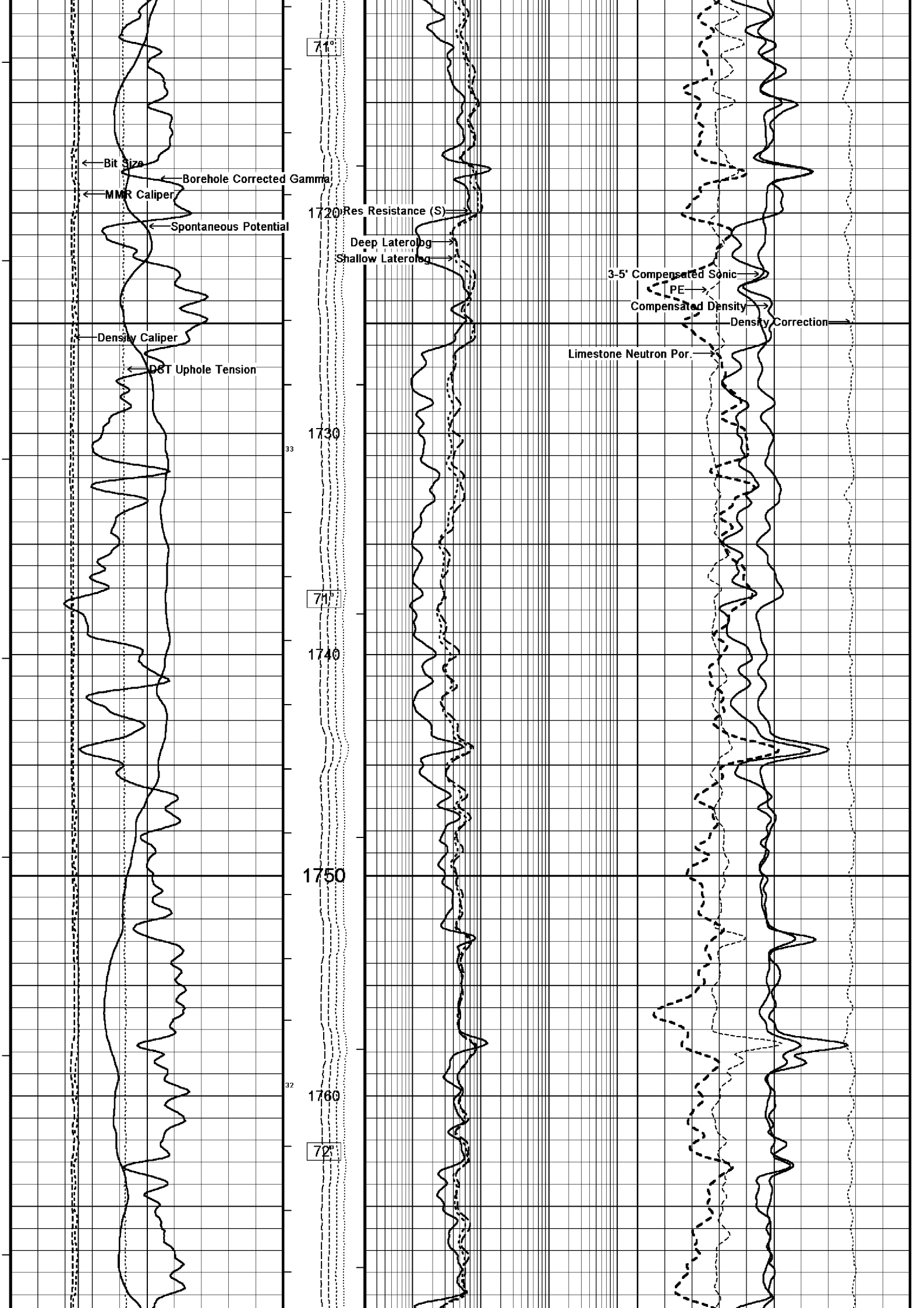

Bit Size
Borehole Corrected Gamma
MMR Caliper
Spontaneous Potential
Density Caliper
DST Uphole Tension
Micr
Resistance (S)
Deep Laterolog
Shallow Laterolog
3-5' Compensated Sonic
PE
Compensated Density
Density Correction
Limestone Neutron Por.
1420
1430
1440
1450
1460
1470
65°
66°
44
43
42

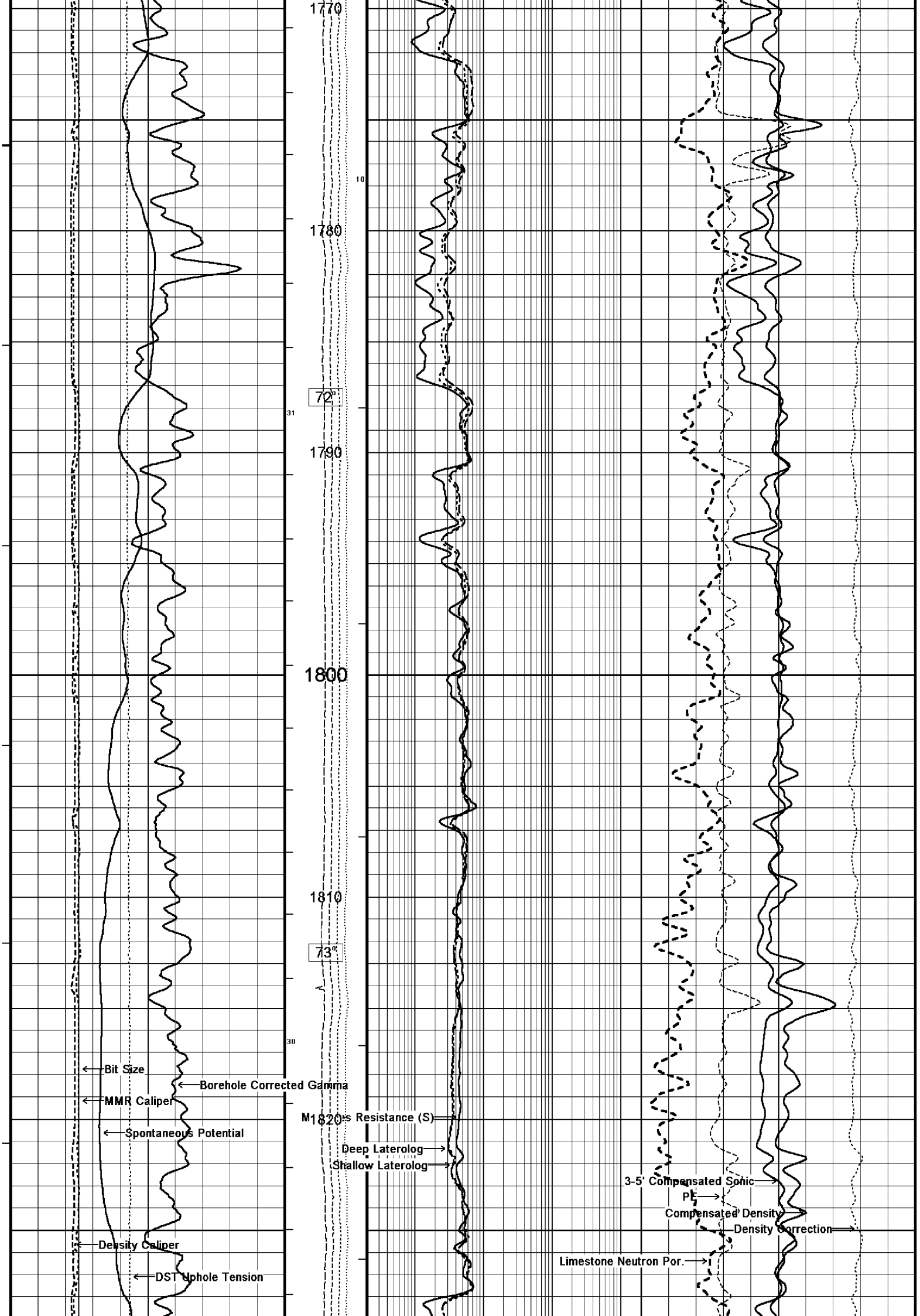

1480
1490
1500
1510
1520
1530
66"
67"
13
41
40
Bit Size
Borehole Corrected Gamma
MMR Caliper
Density Caliper
DST Uphole Tension
MicroRes Resistance (S)
Spontaneous Potential
Deep Laterolog
Shallow Laterolog
3-5' Compensated Sonic
PE
Compensated Density
Density Correction
Limestone Neutron Por.

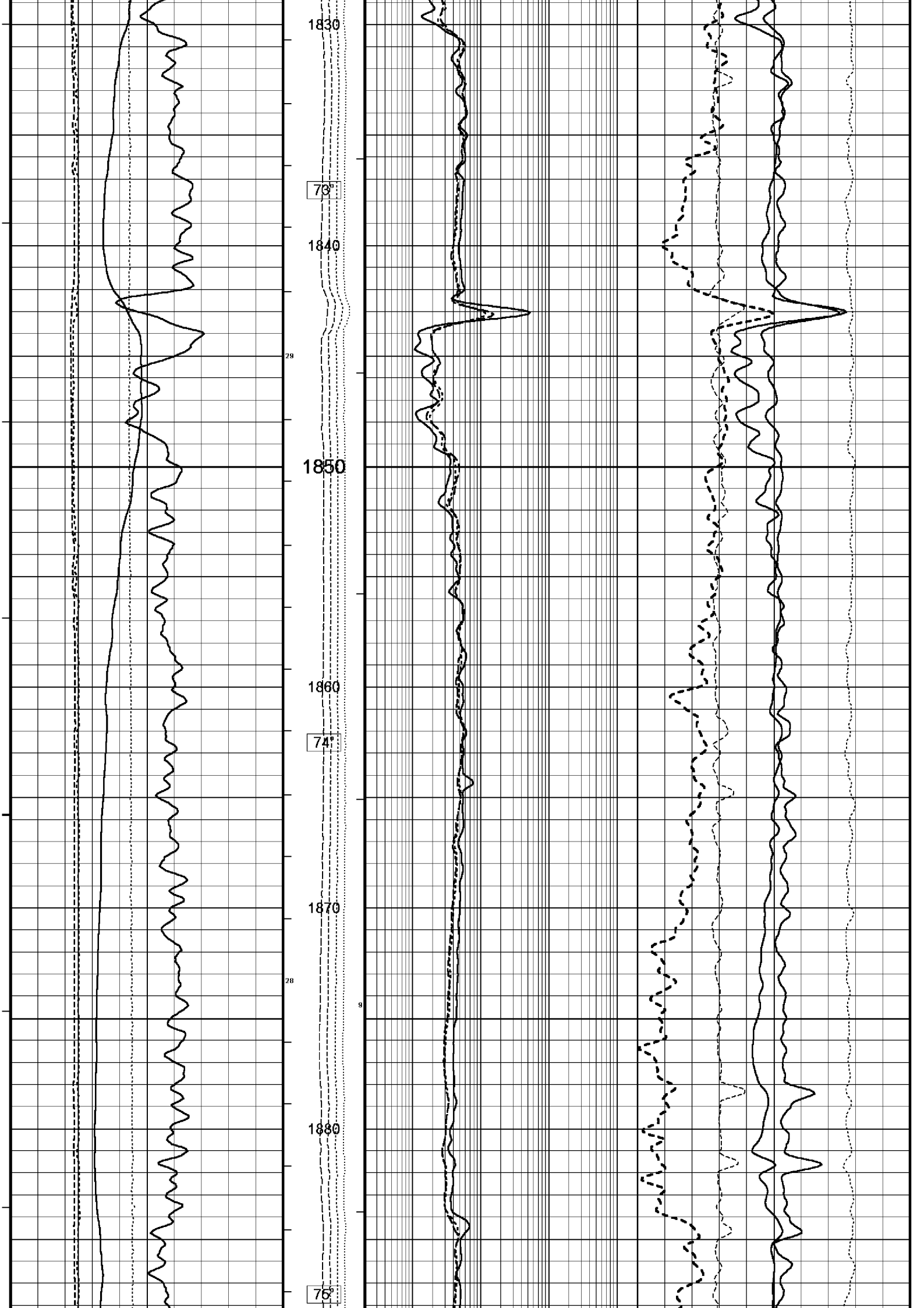

67°
1540
1550
39
1560
68°
1570
12
1580
38
68°
1590

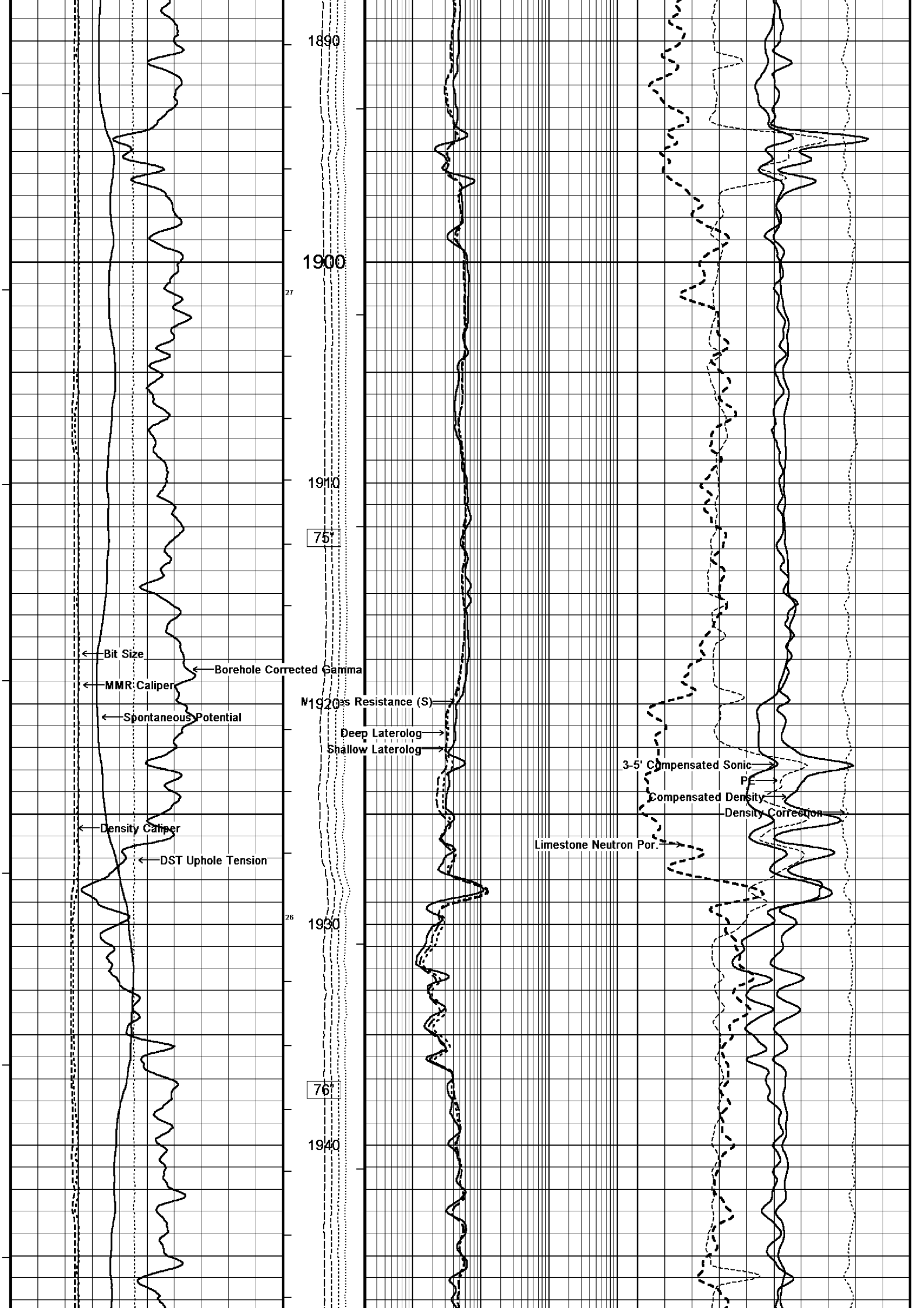

1600
1610
69°
37
Bit Size
Borehole Corrected Gamma
MMR Caliper
Micro
esistance (S)
1620
Spontaneous Potential
Deep Laterolog
Shallow Laterolog
3-5' Compensated Sonic
PE
Compensated Density
Density Correction
Density Caliper
Limestone Neutron Por
DST Uphole Tension
1630
69°
1640
36
1650

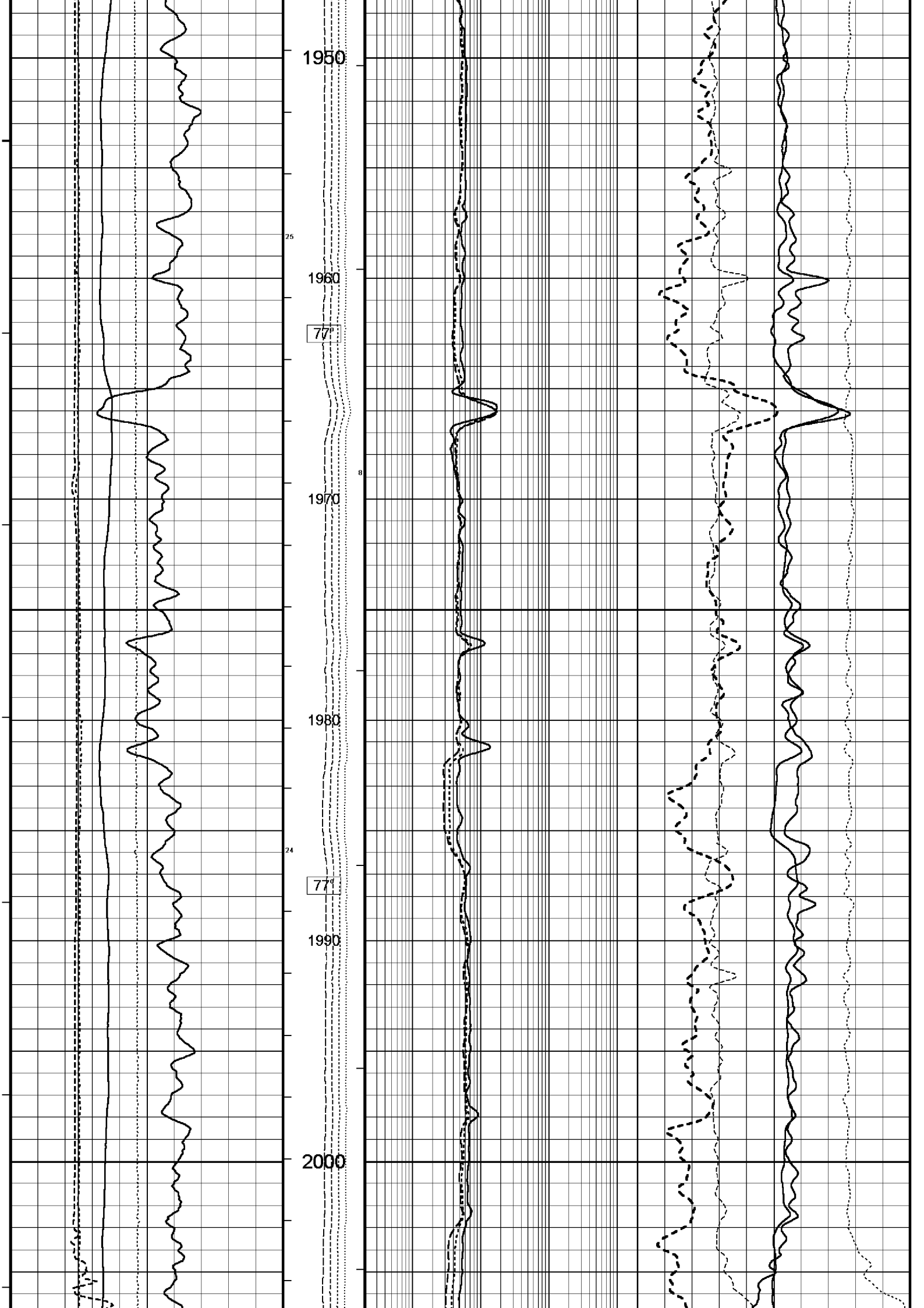

1660
69°
1670
35
11
1680
70°
1690
1700
34
1710

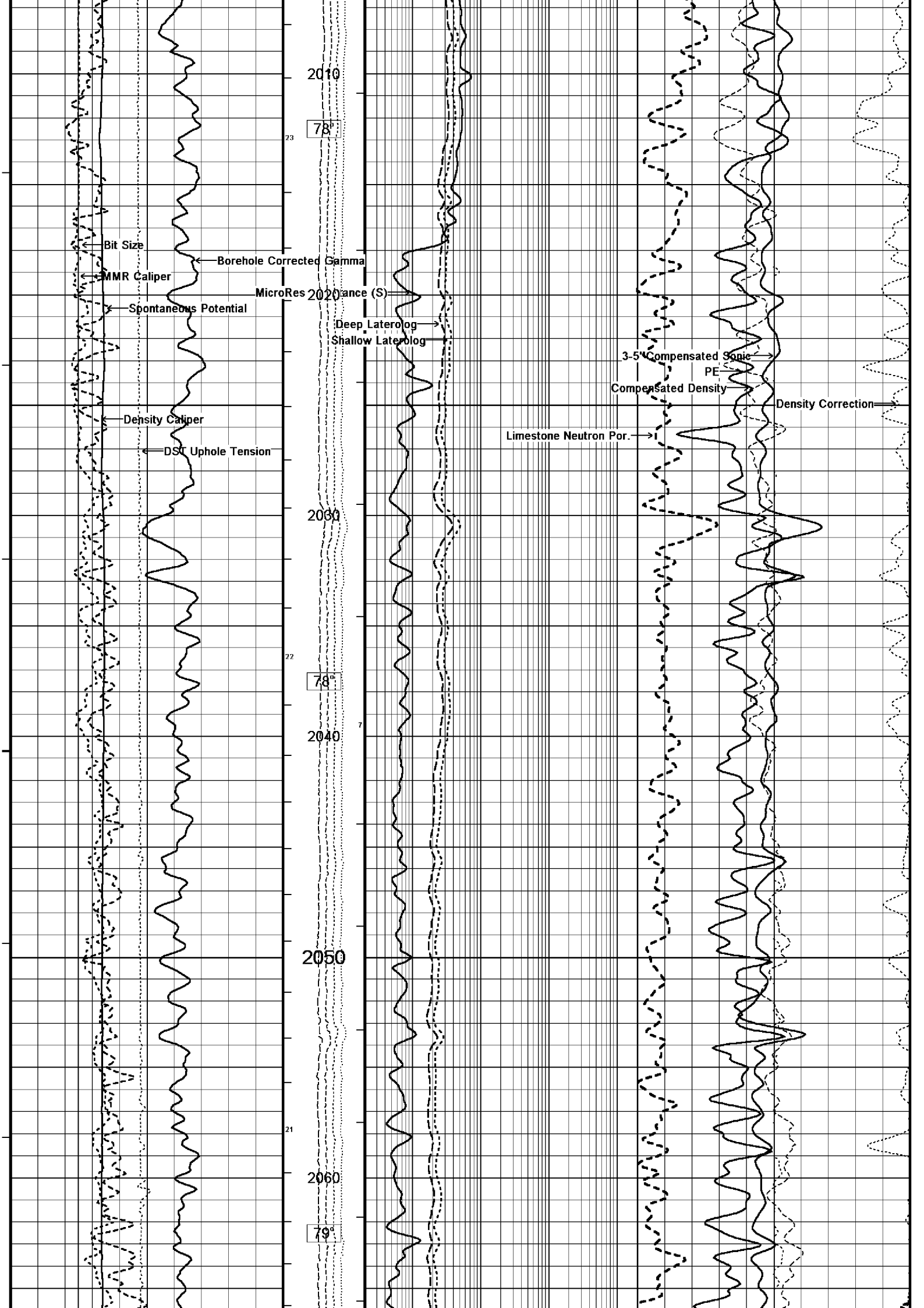

71°
Bit Size
Borehole Corrected Gamma
MMR Caliper
Spontaneous Potential
1720
Res Resistance (S)
Deep Laterolog
Shallow Laterolog
3-5' Compensated Sonic
PE
Compensated Density
Density Correction
Density Caliper
Limestone Neutron Por.
DST Uphole Tension
1730
33
71°
1740
1750
32
1760
72°

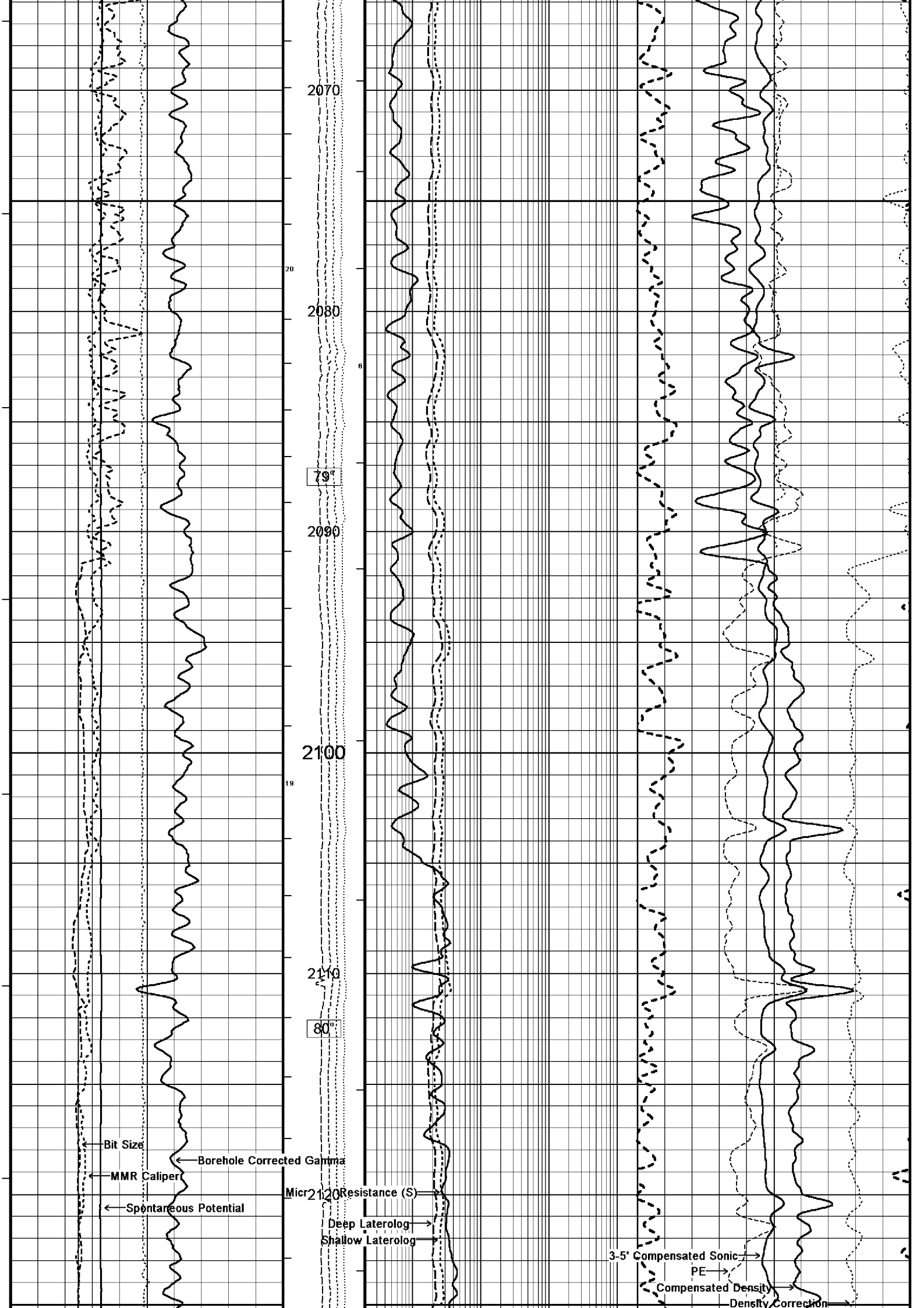

1770
1780
1790
1800
1810
72°
73°
10
31
30
Bit Size
Borehole Corrected Gamma
MMR Caliper
Spontaneous Potential
Density Caliper
DST Uphole Tension
M1820ss Resistance (S)
Deep Laterolog
Shallow Laterolog
3-5' Compensated Sonic
PE
Compensated Density
Density Correction
Limestone Neutron Por.

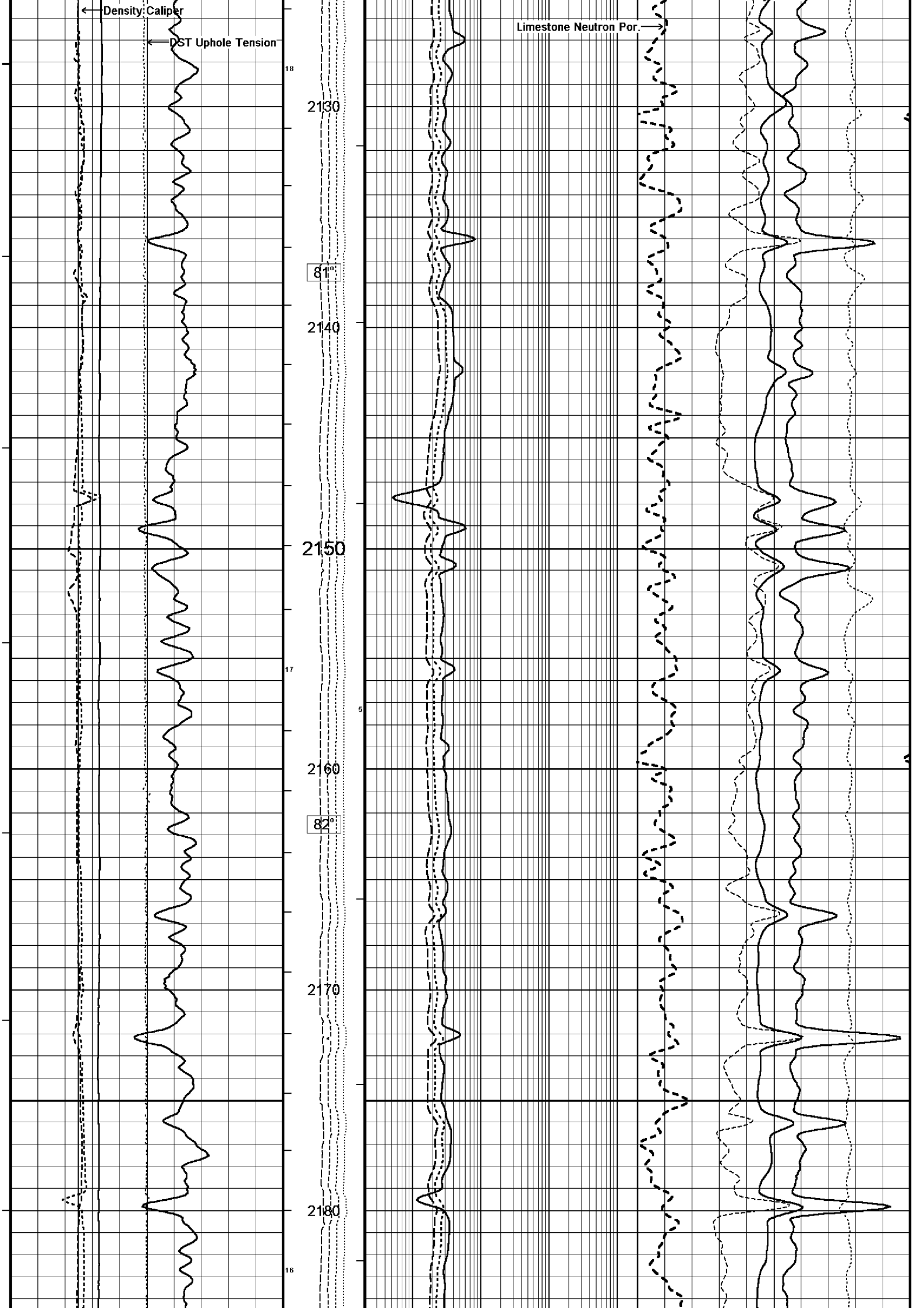

1830
73°
1840
1850
1860
74°
1870
1880
75°

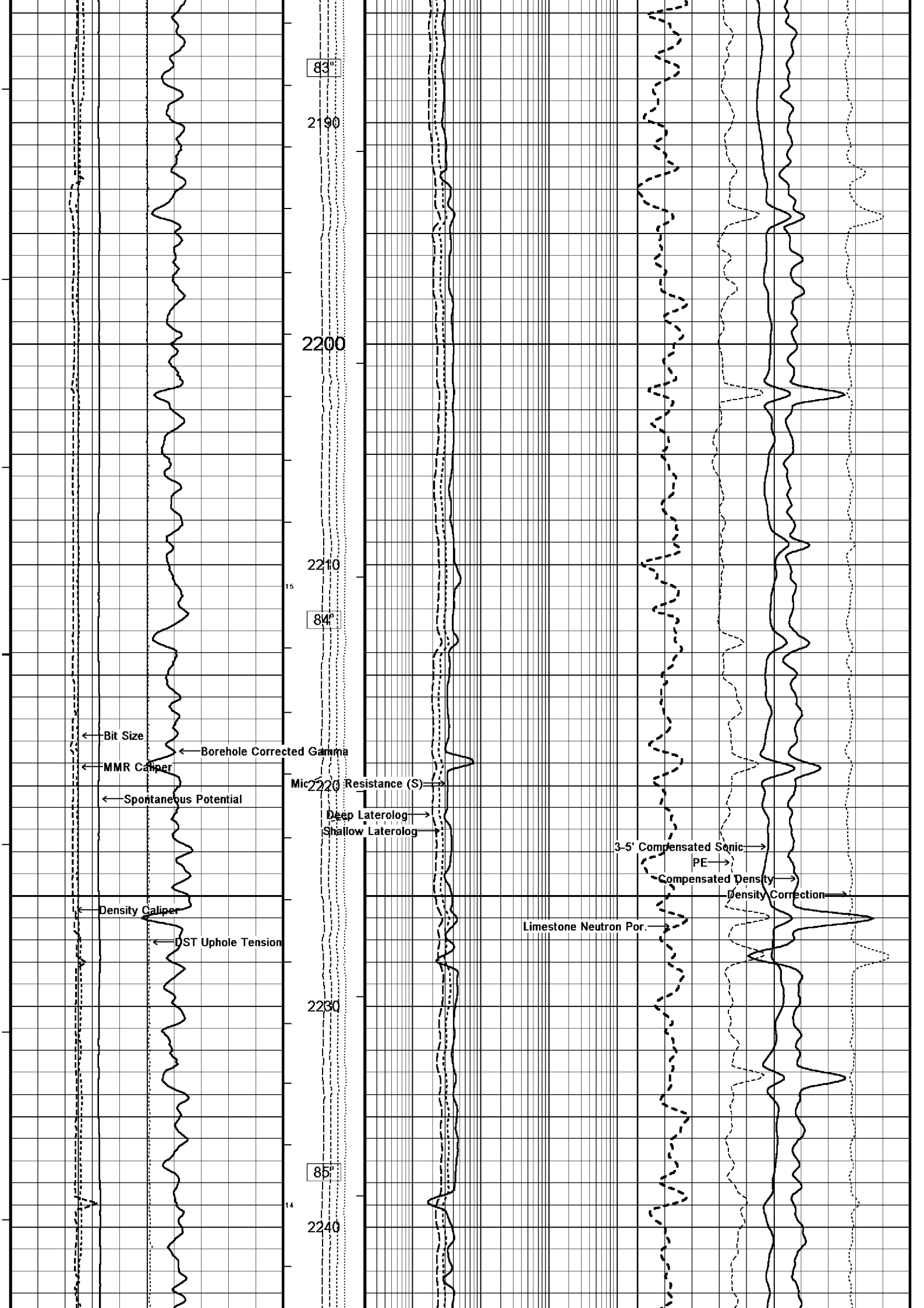

1890
1900
1910
1920
1930
1940
75'
76'
Bit Size
Borehole Corrected Gamma
MMR Caliper
Spontaneous Potential
Density Caliper
DST Uphole Tension
s Resistance (S)
Deep Laterolog
Shallow Laterolog
3-5' Compensated Sonic
PE
Compensated Density
Density Correction
Limestone Neutron Por.

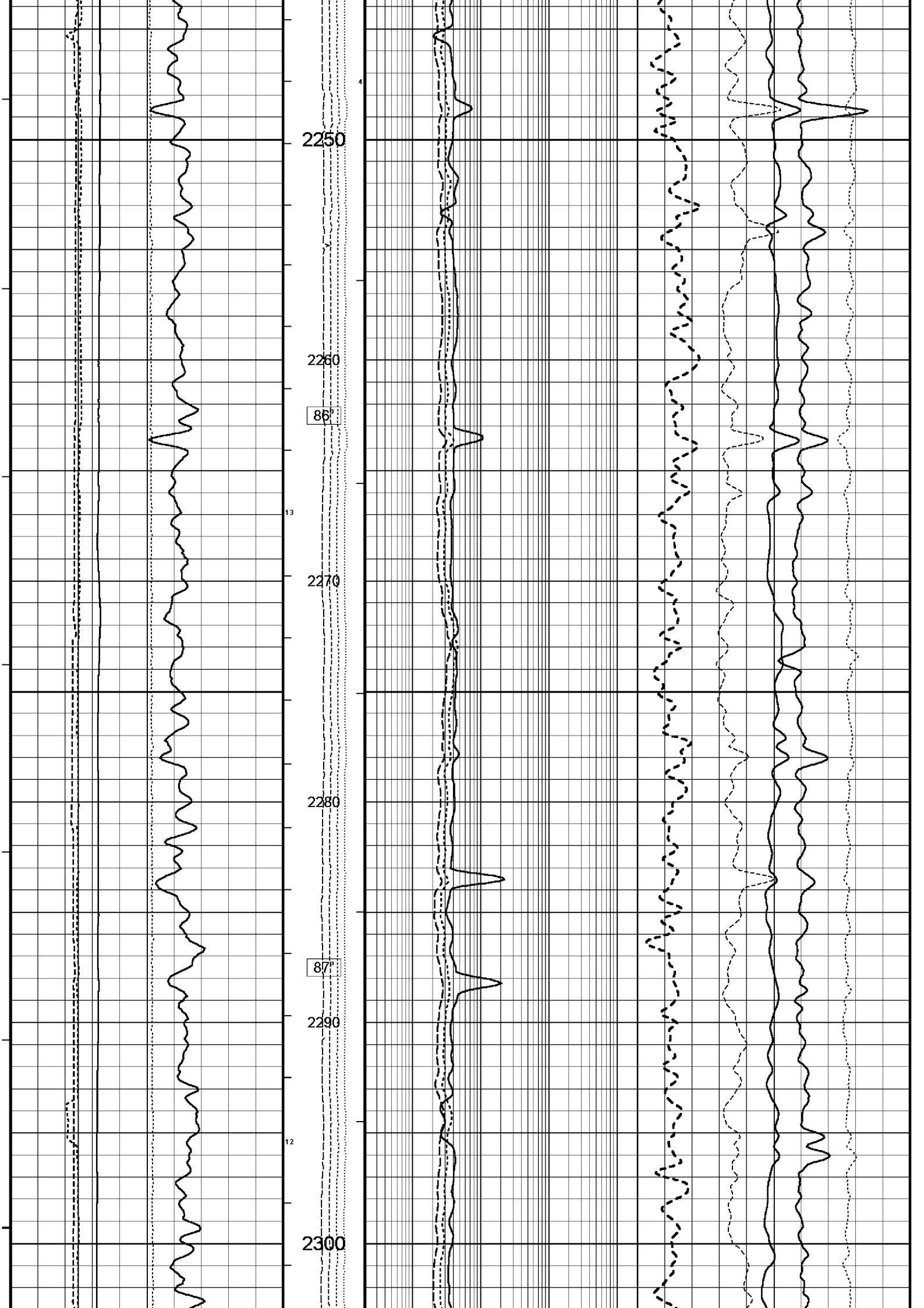

1950
1960
77°
1970
1980
24
77°
1990
2000

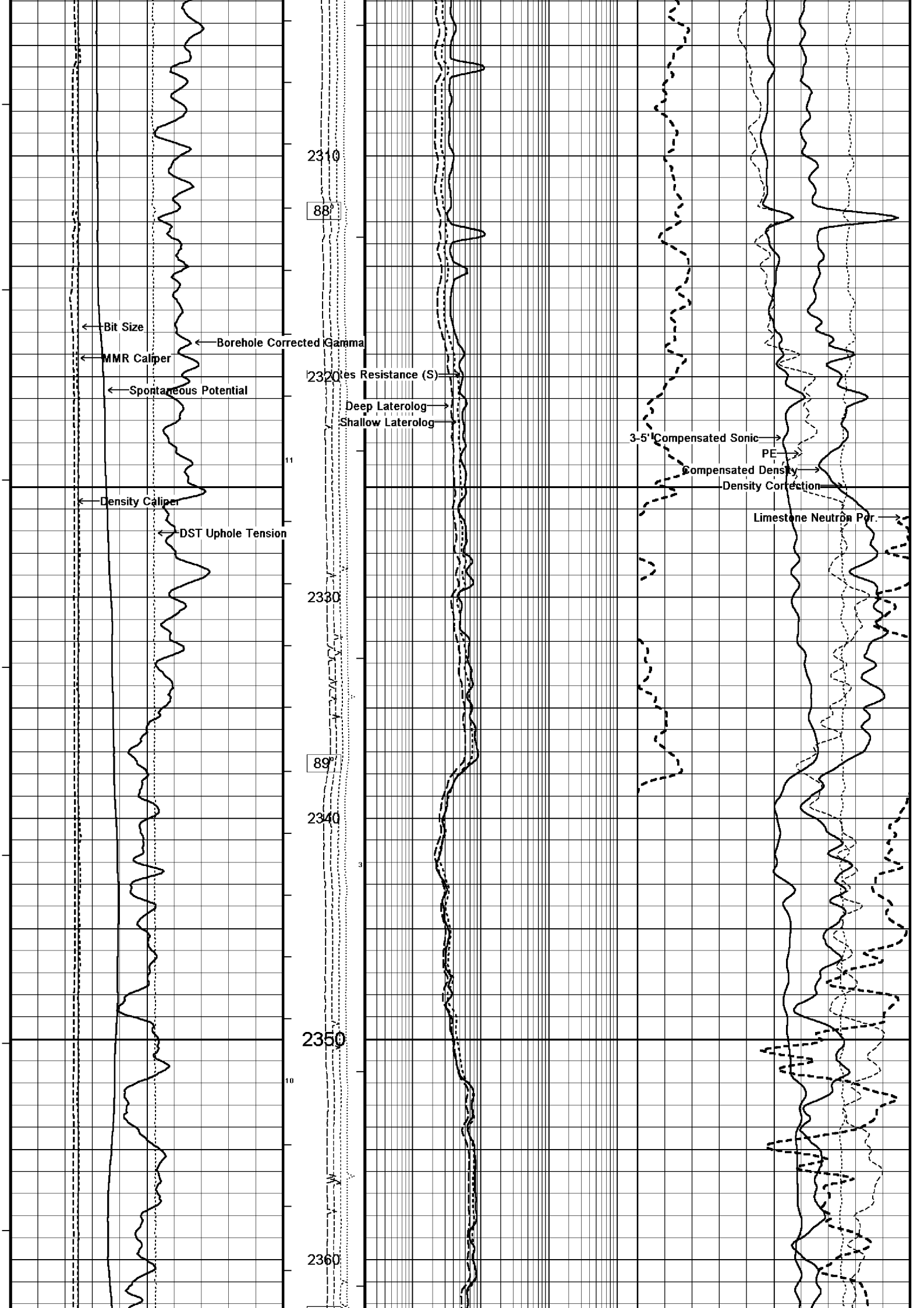

2010
78°
23
Bit Size
Borehole Corrected Gamma
MMR Caliper
MicroRes
ance (S)
2020
Spontaneous Potential
Deep Laterolog
Shallow Laterolog
3-5" Compensated Sonic
PE
Compensated Density
Density Correction
Density Caliper
Limestone Neutron Por.
DST Uphole Tension
2030
22
78°
7
2040
2050
21
2060
79°

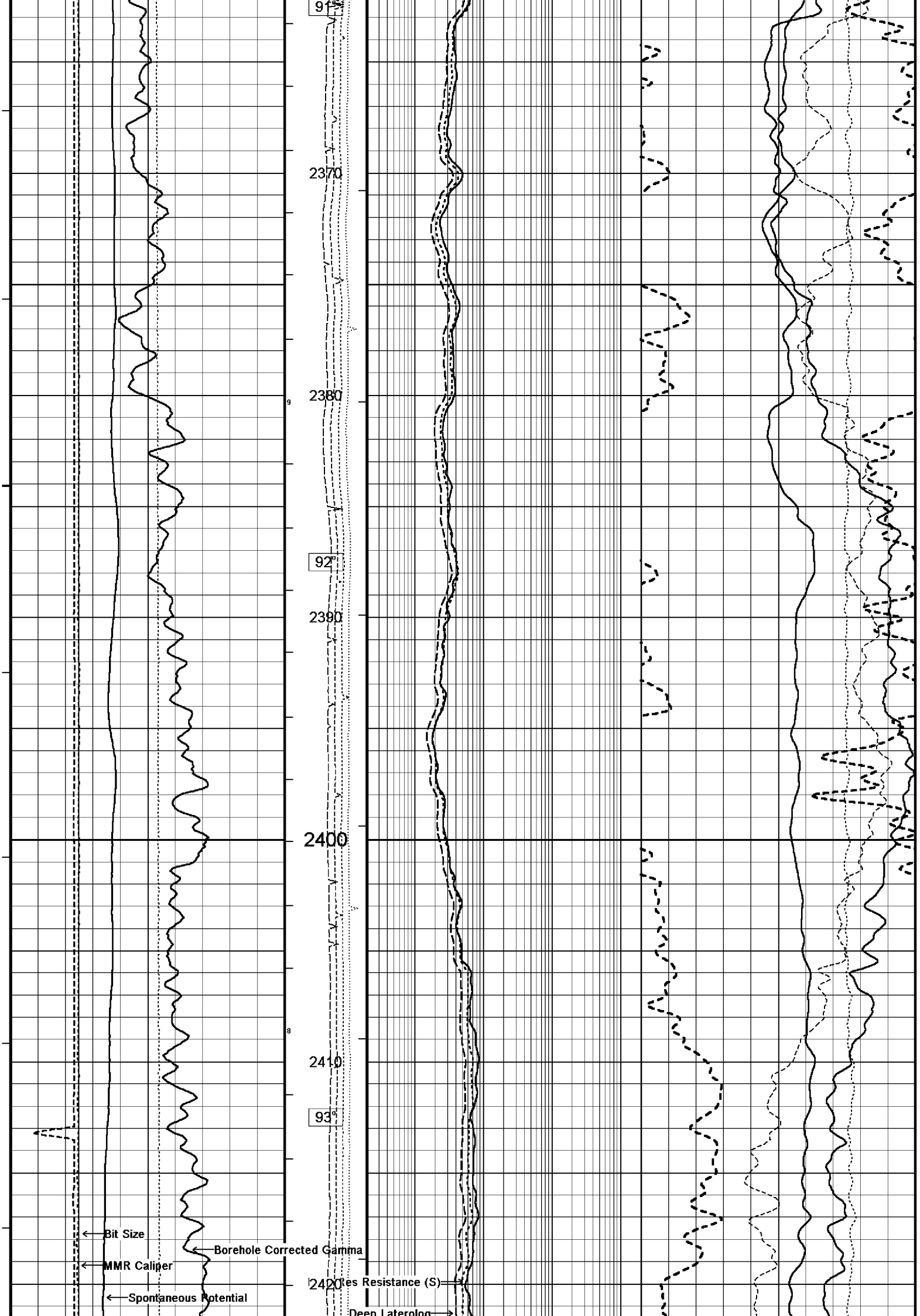

2070
2080
2090
2100
2110
2120
79°
80°
Bit Size
Borehole Corrected Gamma
MMR Caliper
Micr
Resistance (S)
Spontaneous Potential
Deep Laterolog
Shallow Laterolog
3-5' Compensated Sonic
PE
Compensated Density
Density Correction

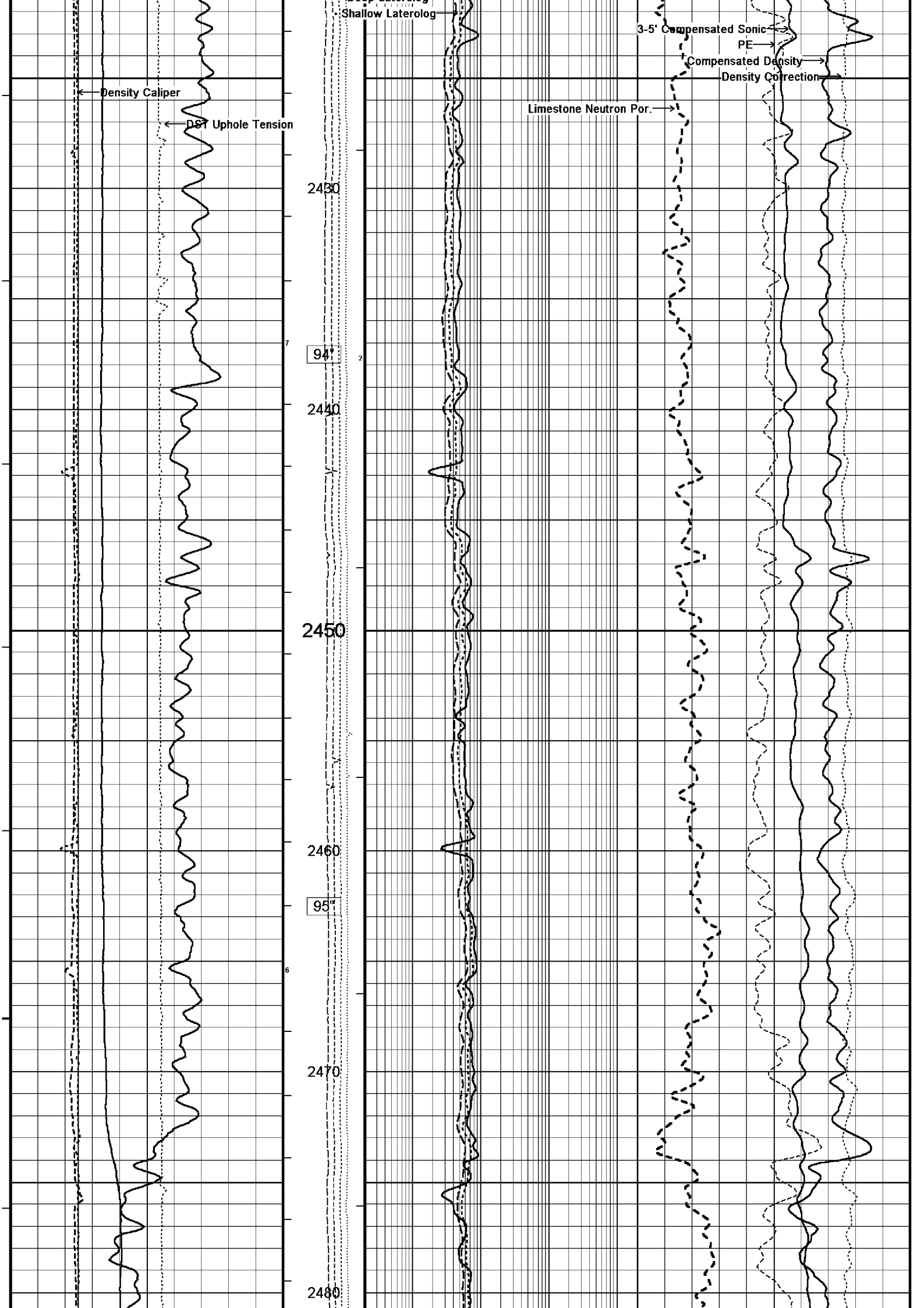

Density Caliper
DST Uphole Tension
Limestone Neutron Por.
2130
81°
2140
2150
2160
82°
2170
2180

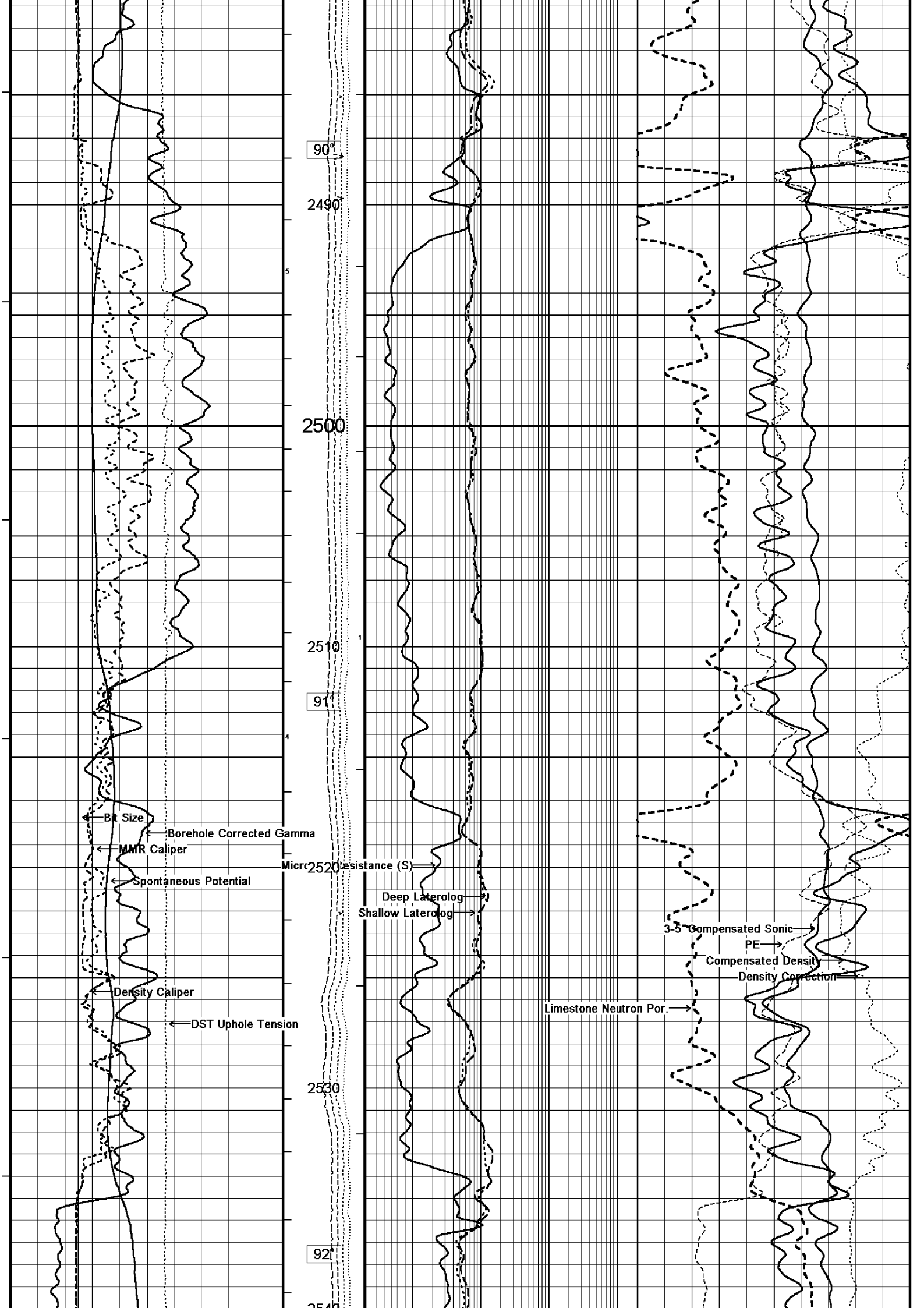

83°
2190
2200
2210
84°
2220
85°
2230
2240
Bit Size
Borehole Corrected Gamma
MMR Caliper
Spontaneous Potential
Density Caliper
DST Uphole Tension
Micro Resistance (S)
Deep Laterolog
Shallow Laterolog
3-5' Compensated Sonic
PE
Compensated Density
Density Correction
Limestone Neutron Por.

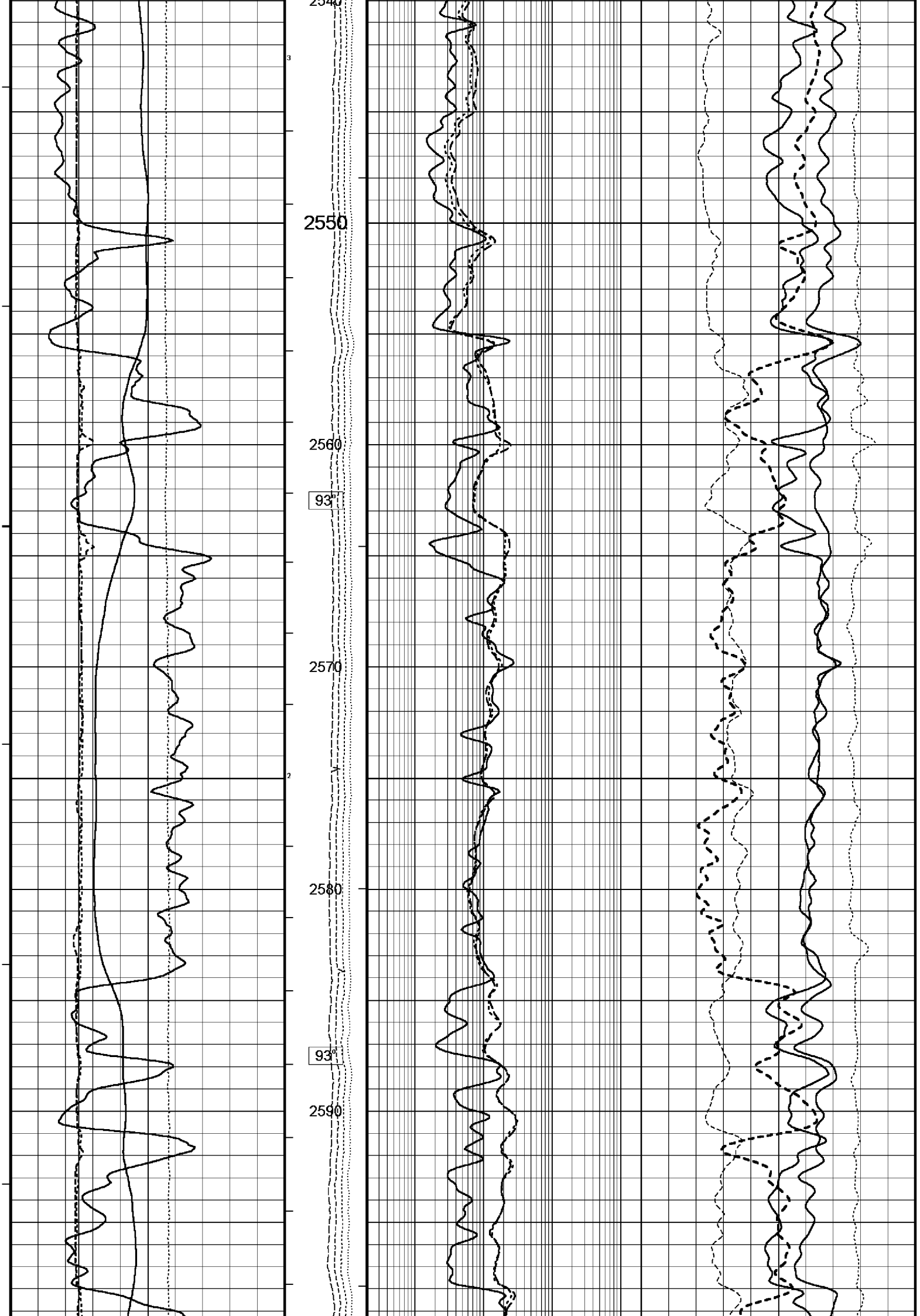

2250
2260
86°
2270
2280
87°
2290
2300

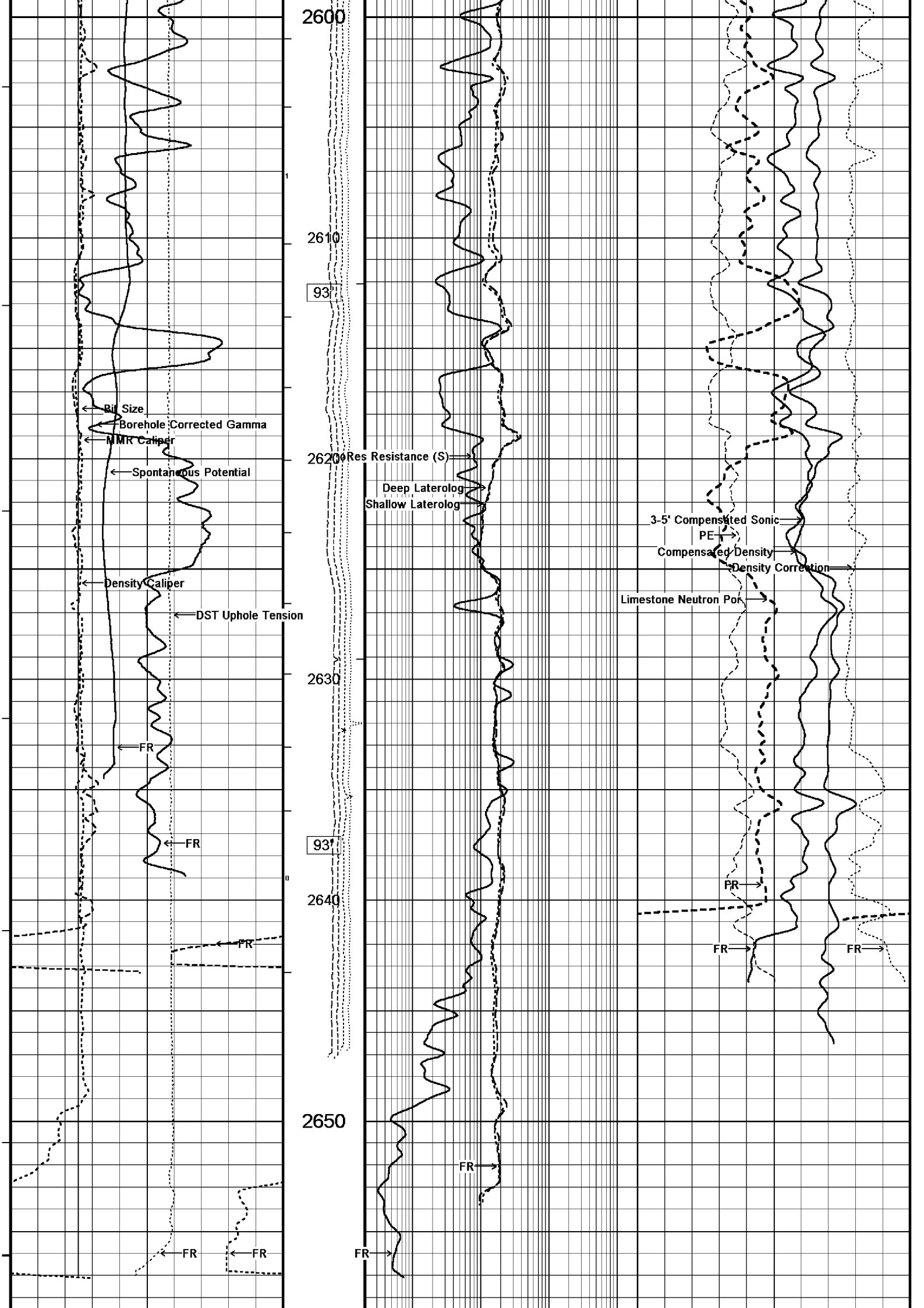

2310
88°
Bit Size
Borehole Corrected Gamma
MMR Caliper
2320
es Resistance (S)
Spontaneous Potential
Deep Laterolog
Shallow Laterolog
3-5' Compensated Sonic
PE
Compensated Density
Density Correction
Density Caliper
Limestone Neutron Por.
DST Uphole Tension
2330
89°
2340
2350
2360

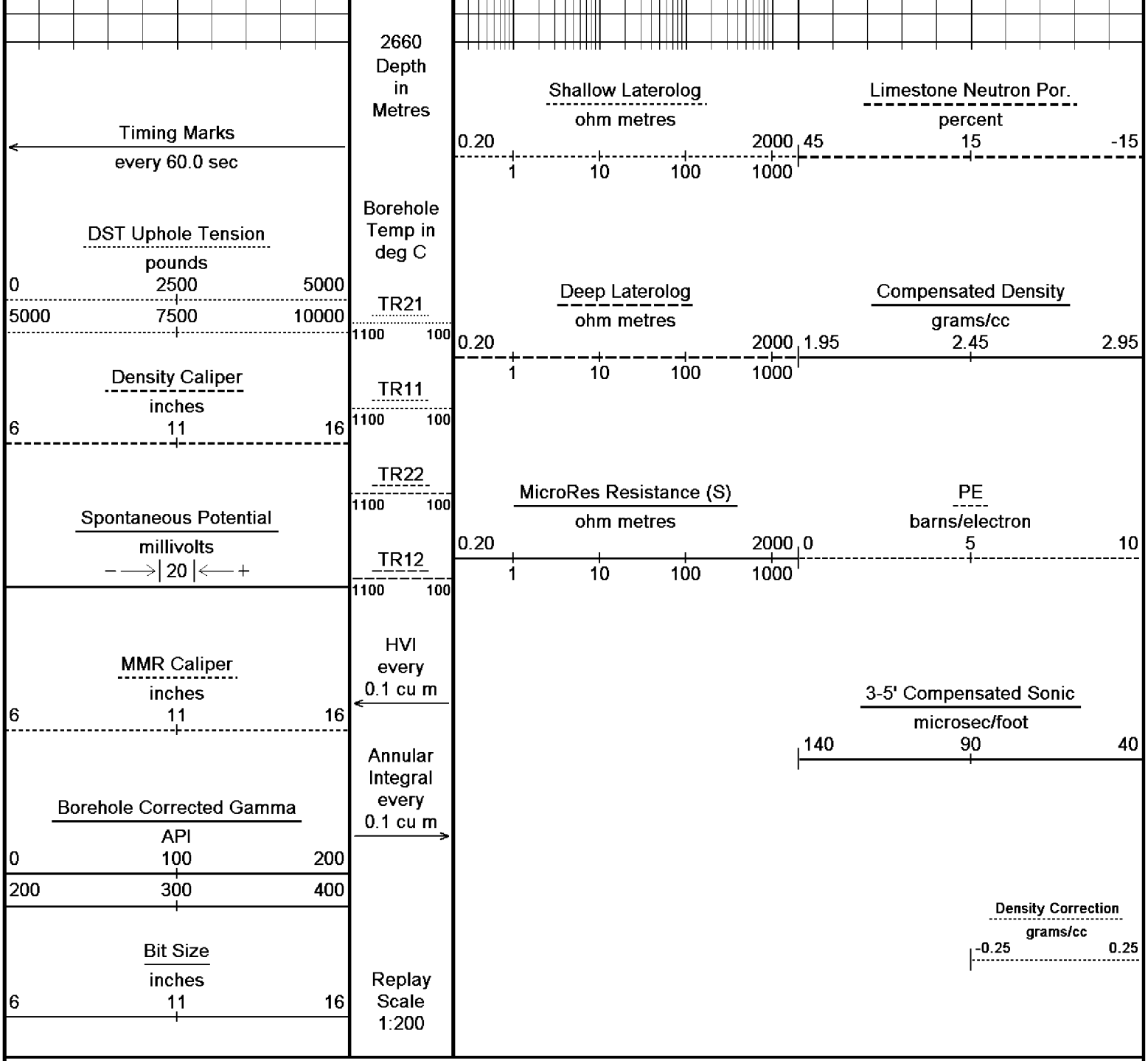

2370
2380
2390
2400
2410
2420
Bit Size
Borehole Corrected Gamma
MMR Caliper
Spontaneous Potential
Deep Laterolog


Shallow Laterolog
3-5' Compensated Sonic
PE
Compensated Density
Density Correction
Limestone Neutron Por.
Density Caliper
DST Uphole Tension
2430
2440
2450
2460
2470
2480


90
2490
2500
2510
91
2520
2530
92
Bit Size
Borehole Corrected Gamma
MMR Caliper
Spontaneous Potential
Density Caliper
DST Uphole Tension
Micro Resistance (S)
Deep Laterolog
Shallow Laterolog
3-5 Compensated Sonic
PE
Compensated Density
Density Correction
Limestone Neutron Por.


2550
2560
93°
2570
2580
93°
2590


2600
2610
93
2620
2630
93
2640
2650
Bit Size
Borehole Corrected Gamma
MMR Caliper
Spontaneous Potential
Density Caliper
DST Uphole Tension
FR
FR
FR
FR
FR
FR
FR
Res Resistance (S)
Deep Laterolog
Shallow Laterolog
FR
3-5' Compensated Sonic
PE
Compensated Density
Density Correction
Limestone Neutron Por
FR
FR
FR

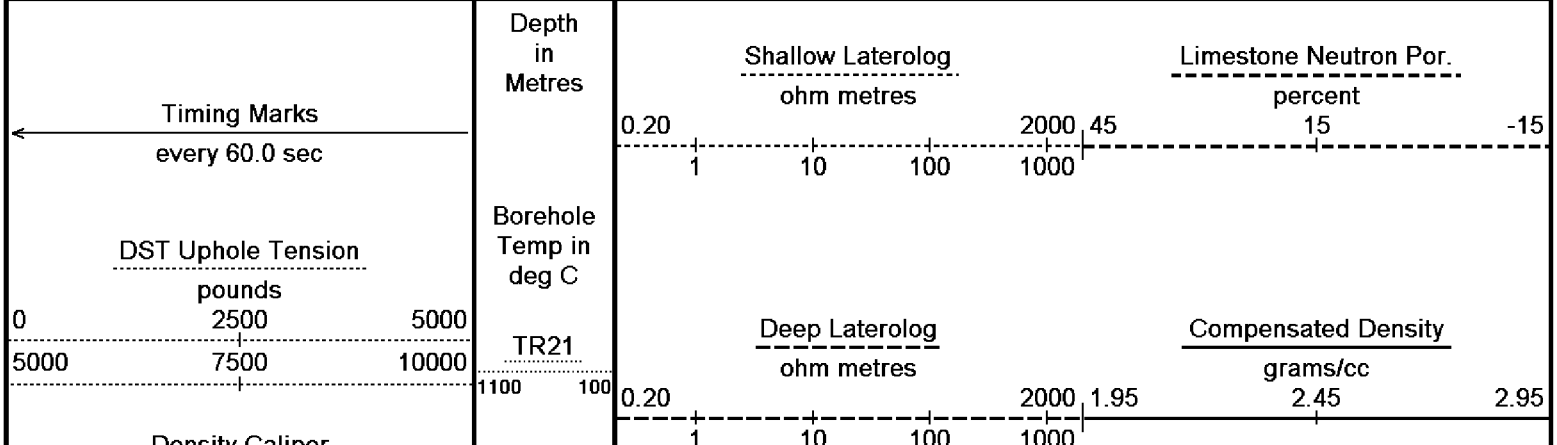


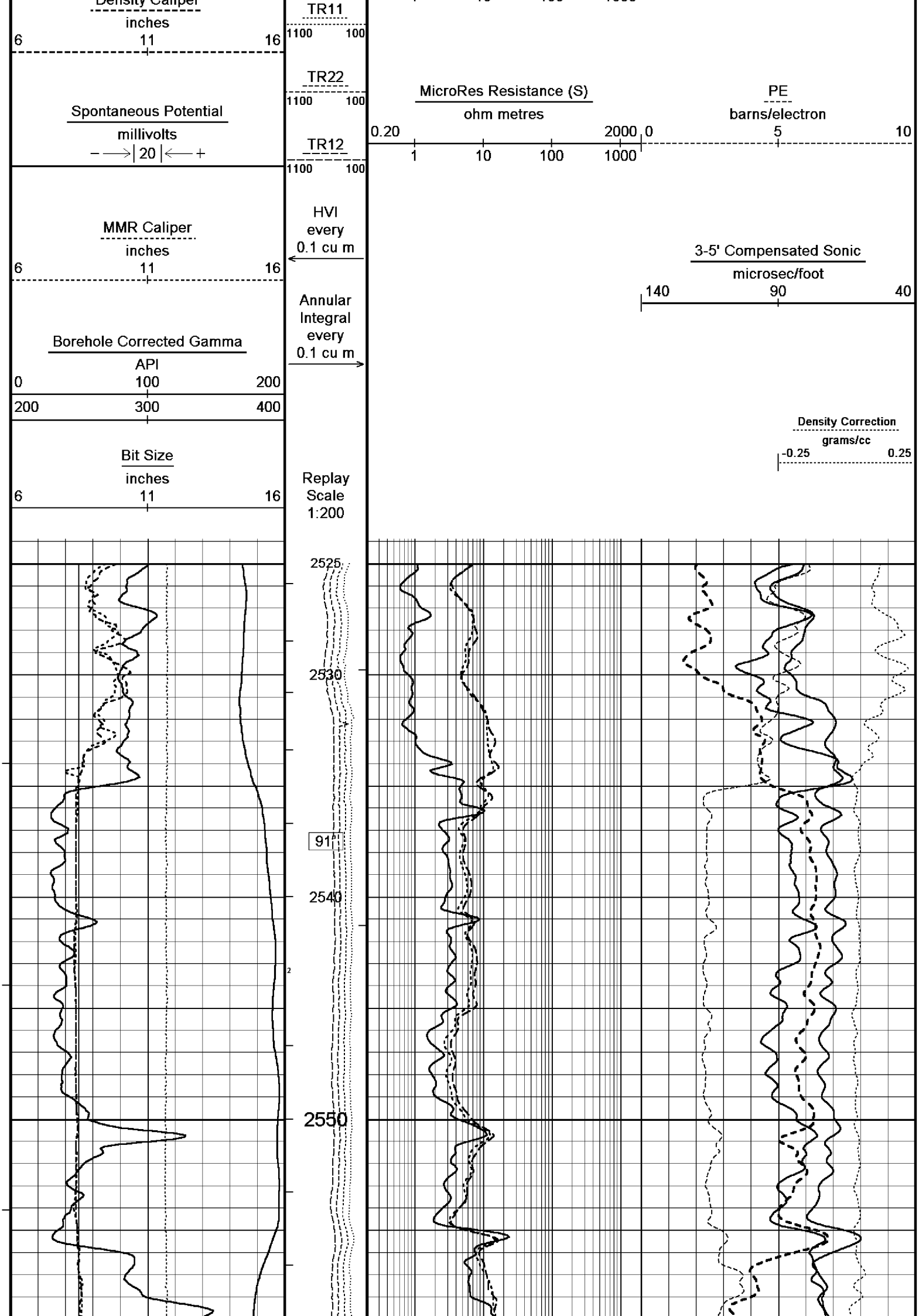
Depth Based Data - Maximum Sampling Increment 10.0cm
Plotted on 06-OCT-2005 16:18
Filename: C:\logs\Origin\Childers Cove Run 2\SUPERCOMBO_COMBINED_MAIN_LOG.dta
Recorded on 04-OCT-2005 00:45
System Configuration Dates: Logged : Plotted 17-JUN-2004:

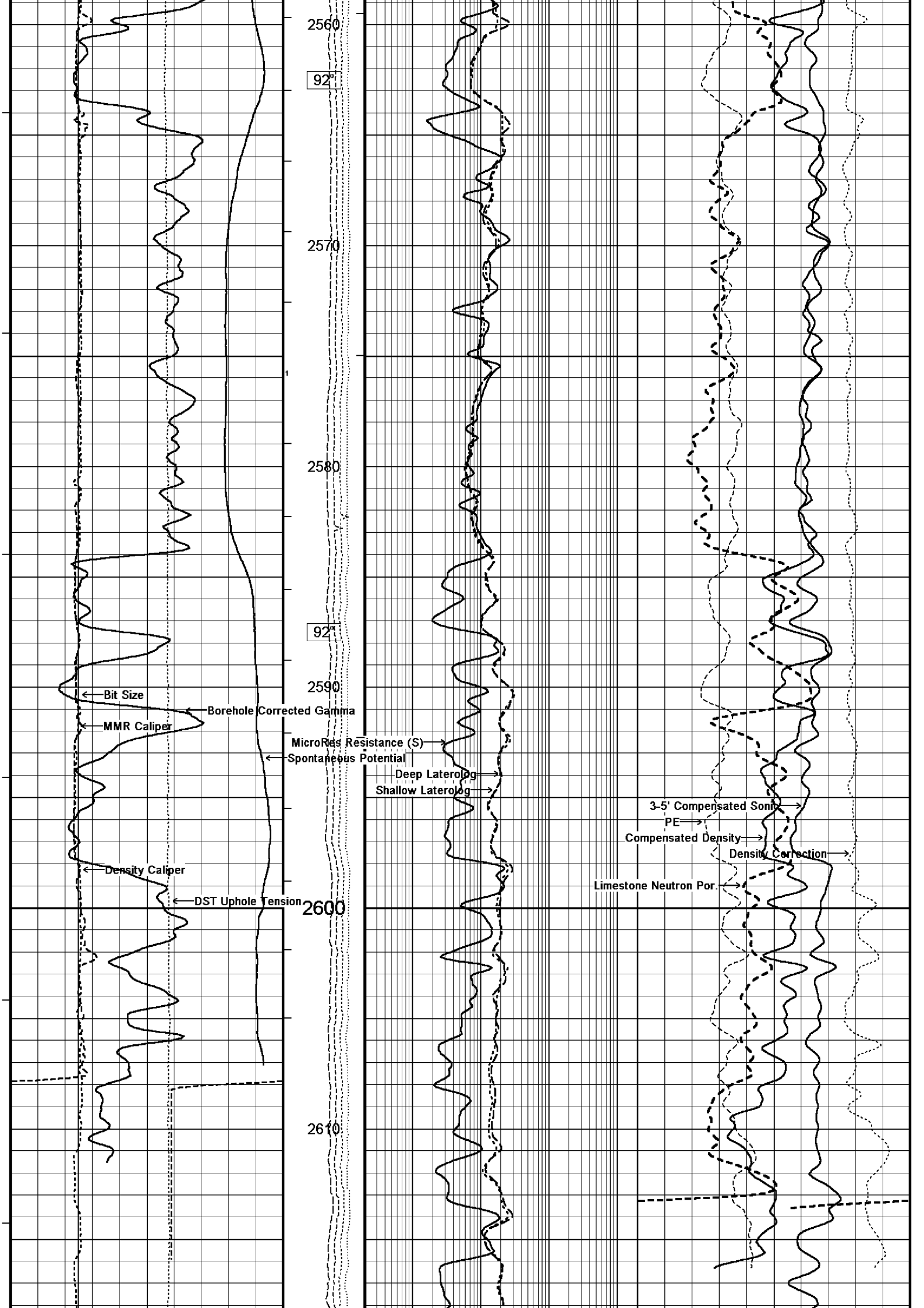
MAIN LOG 1:200

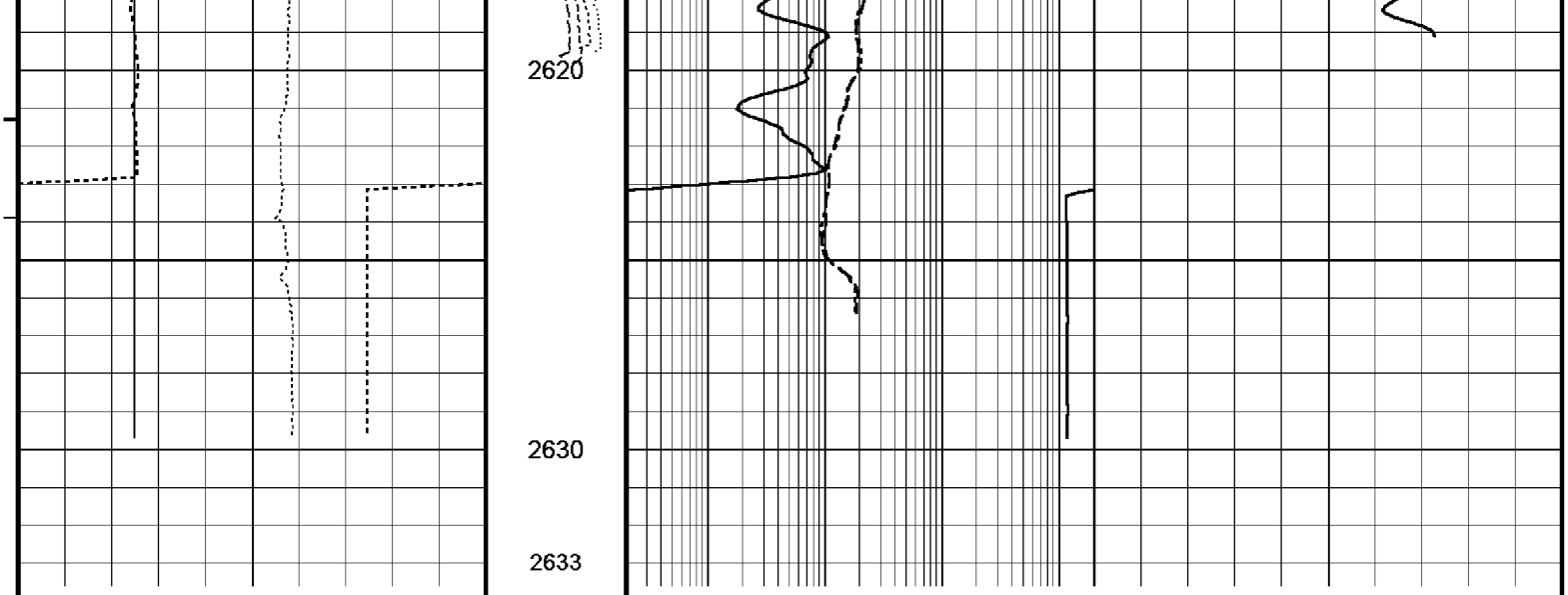
REPEAT SECTION 1:200 RUN 2

Depth Based Data - Maximum Sampling Increment 10.0cm
Plotted on 06-OCT-2005 16:18
Filename: C:\logs\Origin\Childers Cove Run 2\SUPERCOMBO_4_002.dta
Recorded on 04-OCT-2005 00:11
System Configuration Dates: Logged 17-JUN-2004: Plotted 17-JUN-2004:




Density Caliper
inches
6
11
16
TR11
1100
100
TR22
1100
100
TR12
1100
100
MicroRes Resistance (S)
ohm metres
0.20
2000
1
10
100
1000
PE
barns/electron
0
5
10
Spontaneous Potential
millivolts
20
HVI
every
0.1 cu m
3-5' Compensated Sonic
microsec/foot
140
90
40
MMR Caliper
inches
6
11
16
Annular
Integral
every
0.1 cu m
Borehole Corrected Gamma
API
0
100
200
200
300
400
Density Correction
grams/cc
-0.25
0.25
Bit Size
inches
6
11
16
Replay
Scale
1:200
2525
2530
91
2540
2550


2560
92°
2570
2580
92°
2590
Bit Size
Borehole Corrected Gamma
MMR Caliper
MicroRes Resistance (S)
Spontaneous Potential
Deep Laterolog
Shallow Laterolog
3-5' Compensated Sonic
PE
Compensated Density
Density Correction
Density Caliper
Limestone Neutron Por.
DST Uphole Tension
2600
2610



Depth in Metres

Timing Marks
every 60.0 sec

DST Uphole Tension
pounds
0 2500 5000
5000 7500 10000

Density Caliper
inches
6 11 16

Spontaneous Potential
millivolts
– → | 20 | ← +

MMR Caliper
inches
6 11 16

Borehole Corrected Gamma
API
0 100 200
200 300 400

Bit Size
inches
6 11 16

Borehole Temp in deg C

TR21
1100 100

TR11
1100 100

TR22
1100 100

TR12
1100 100

HVI every 0.1 cu m

Annular Integral every 0.1 cu m

Replay Scale 1:200

Shallow Laterolog
ohm metres
0.20 2000
1 10 100 1000

Limestone Neutron Por.
percent
45 15 -15

Deep Laterolog
ohm metres
0.20 2000
1 10 100 1000

Compensated Density
grams/cc
1.95 2.45 2.95

MicroRes Resistance (S)
ohm metres
0.20 2000
1 10 100 1000

PE
barns/electron
0 5 10

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

Density Correction
grams/cc
-0.25 0.25

Depth Based Data - Maximum Sampling Increment 10.0cm
Plotted on 06-OCT-2005 16:18
Filename: C:\logs\Origin\Childers Cove Run 2\SUPERCOMBO_4_002.dta
Recorded on 04-OCT-2005 00:11
System Configuration Dates: Logged 17-JUN-2004: Plotted 17-JUN-2004:

REPEAT SECTION 1:200 RUN 2

REPEAT SECTION 1:200 RUN 1

Depth Based Data - Maximum Sampling Increment 10.0cm
Plotted on 06-OCT-2005 16:18

Filename: C:\logs\Origin\Childers Cove\SUPERCOMBO2.dta
Recorded on 01-OCT-2005 18:14
System Configuration Dates: Logged 17-JUN-2004: Plotted 17-JUN-2004:

Timing Marks
every 60.0 sec

DST Uphole Tension
pounds
0 2500 5000
5000 7500 10000

Borehole Corrected Gamma
API
0 100 200
200 300 400

Density Caliper
inches
6 11 16

Spontaneous Potential
millivolts
– → | 20 | ← +

MMR Caliper
inches
6 11 16

Bit Size
inches
6 11 16

Depth in Metres

Borehole Temp in deg C

HVI every 0.1 cu m

Annular Integral every 0.1 cu m

TR21
1100 100

TR11
1100 100

TR22
1100 100

TR12
1100 100

Replay Scale 1:200

Shallow Laterolog
ohm metres
0.20 2000
1 10 100 1000

Limestone Neutron Por.
percent
45 15 -15

Deep Laterolog
ohm metres
0.20 2000
1 10 100 1000

Compensated Density
grams/cc
1.95 2.45 2.95

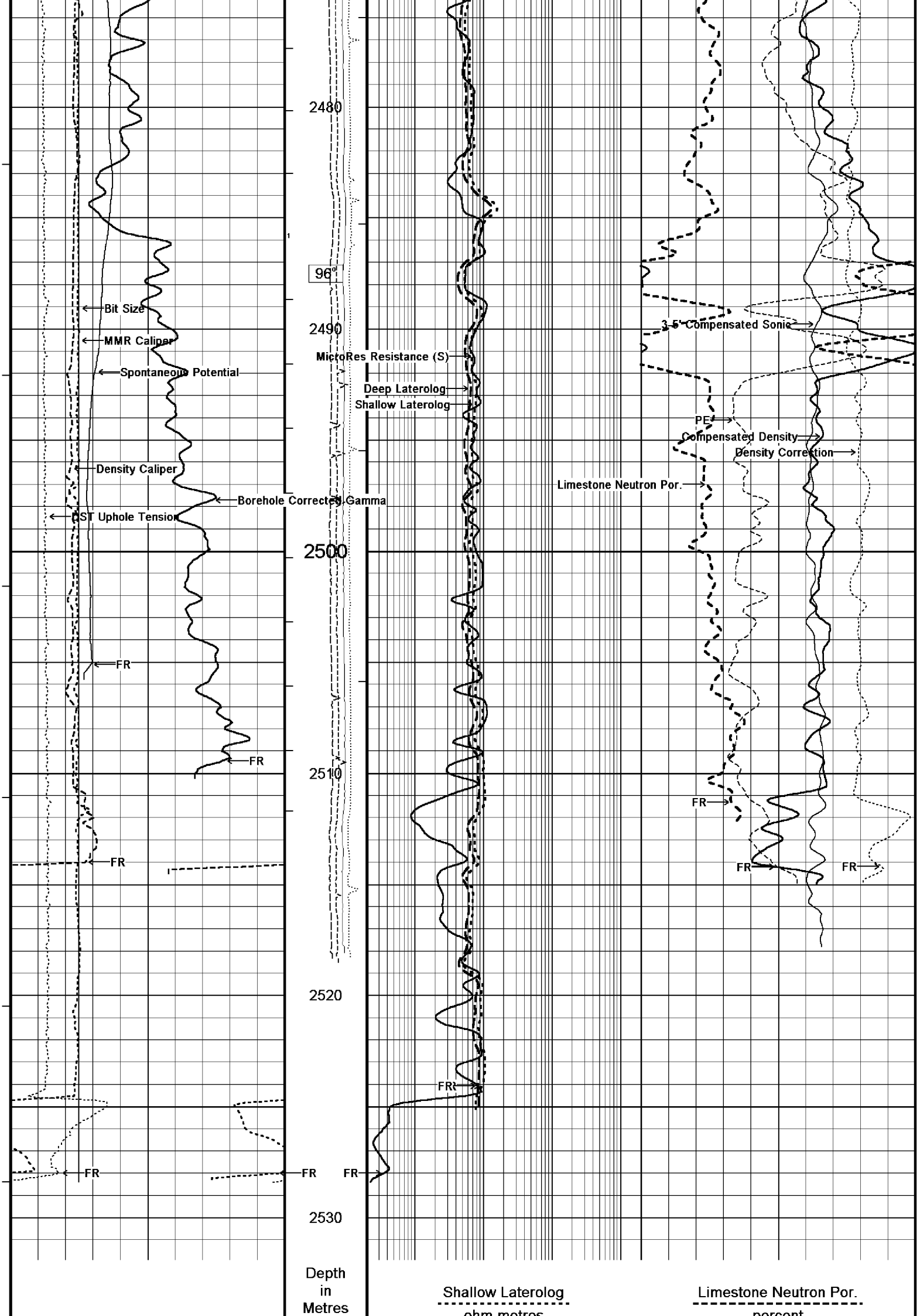
MicroRes Resistance (S)
ohm metres
0.20 2000
1 10 100 1000

PE
barns/electron
0 5 10

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

Density Correction
grams/cc
-0.25 0.25

2455
2460
95
2470


2480
96°
2490
2500
2510
2520
2530
Bit Size
MMR Caliper
Spontaneous Potential
Density Caliper
Borehole Corrected Gamma
DST Uphole Tension
FR
FR
FR
FR
FR
FR
FR
MicroRes Resistance (S)
Deep Laterolog
Shallow Laterolog
FR
3-5' Compensated Sonic
PE
Compensated Density
Density Correction
Limestone Neutron Por.
FR
FR
FR
Depth
in
Metres
Shallow Laterolog
ohm metres
Limestone Neutron Por.
percent

Timing Marks
every 60.0 sec

DST Uphole Tension
pounds
0 2500 5000
5000 7500 10000

Borehole Corrected Gamma
API
0 100 200
200 300 400

Density Caliper
inches
6 11 16

Spontaneous Potential
millivolts
− → | 20 | ← +

MMR Caliper
inches
6 11 16

Bit Size
inches
6 11 16

Borehole Temp in deg C

HVI every 0.1 cu m

Annular Integral every 0.1 cu m

TR21
1100 100

TR11
1100 100

TR22
1100 100

TR12
1100 100

Replay Scale 1:200

ohm metres
0.20 2000
1 10 100 1000

percent
45 15 -15

Deep Laterolog
ohm metres
0.20 2000
1 10 100 1000

Compensated Density
grams/cc
1.95 2.45 2.95

MicroRes Resistance (S)
ohm metres
0.20 2000
1 10 100 1000

PE
barns/electron
0 5 10

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

Density Correction
grams/cc
-0.25 0.25

Depth Based Data - Maximum Sampling Increment 10.0cm
Filename: C:\logs\Origin\Childers Cove\SUPERCOMBO2.dta
System Configuration Dates: Logged 17-JUN-2004: Plotted 17-JUN-2004:

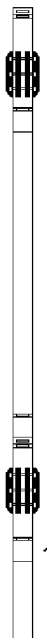
Plotted on 06-OCT-2005 16:18
Recorded on 01-OCT-2005 18:14

REPEAT SECTION 1:200 RUN 1

DOWNHOLE EQUIPMENT

C:\logs\Origin\Childers Cove\SUPERCOMBO2.dta

Compact Stiff Bridle Electrode Sub.
MBE 22 Length: 3.76 m Weight: 94.8 lb



Compact Stiff Bridle Electrode Sub.
MBE 42 Length: 3.76 m Weight: 94.8 lb

22.90 m SPDL - Spontaneous Potential

Compact Gamma
MCG 98 Length: 2.65 m Weight: 63.9 lb

18.56 m GGCE - Borehole Corrected Gamma
17.67 m CGXT - MCG External Temperature

Compact Neutron
MDN 43 Length: 1.53 m Weight: 50.7 lb

16.69 m NPRL - Limestone Neutron Por.

Compact Density/Caliper
MPD 66 Length: 2.92 m Weight: 90.4 lb

14.01 m AVOL - Annular Volume
14.01 m HVOL - Hole Volume
14.01 m CLDC - Density Caliper
13.80 m DEN - Compensated Density

Compact Knuckle Joint
SKJ 3 Length: 0.66 m Weight: 24.3 lb

13.80 m DCOR - Density Correction
13.78 m PDPE - PE

Compact Sonic
MSS 49 Length: 3.82 m Weight: 72.8 lb

9.24 m TR21 - 3' Transit Time
9.24 m TR22 - 5' Transit Time
9.24 m TR11 - 4' Transit Time
9.24 m DT35 - 3-5' Compensated Sonic

Compact Upper Guard Sub.
MUG 20 Length: 2.74 m Weight: 68.3 lb

9.24 m TR12 - 6' Transit Time

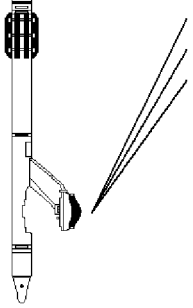
Compact Laterolog Electrode Sub.
MLE 16 Length: 3.76 m Weight: 92.6 lb

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

Compact Micro-Resistivity
MMR 5 Length: 2.62 m Weight: 81.6 lb

Pressure Bung + Hole Finder
HFS 3 Length: 0.28 m Weight: 6.6 lb

Total Length: 28.50 m Weight: 740.8 lb



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

All measurements relative to tool zero.

BEFORE SURVEY CALIBRATION

C:\logs\Origin\Childers Cove Run 2\SUPERCOMBO_COMBINED_MAIN_LOG.dta

General Constants All 000

General Parameters		
Mud Resistivity	3.210	ohm-metres
Mud Resistivity Temperature	20.000	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	Density Caliper	
Annular Volume Diameter	7.000	inches
Caliper for Differential Caliper	Density Caliper	
Rwa Parameters		
Porosity used	Limestone Sonic Porosity	
Resistivity used	Deep Laterolog	
RWA Constant A	0.610	
RWA Constant M	2.150	

Gamma Calibration MCG 098

Field Calibration on 3-OCT-2005,19:46

	Measured	Calibrated (API)
Background	29	22
Calibrator (Gross)	1029	771
Calibrator (Net)	1000	749

Gamma Constants MCG 098

Gamma Calibrator Number	30	
Mud Density	1.16	gm/cc
Caliper Source for Processing	Density Caliper	
Tool Position	Eccentred	
Concentration of KCl	0.00	kppm

High Resolution Temperature Calibration MCG 098

Field Calibration on 3-OCT-2005,20:14

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

High Resolution Temperature Constants MCG 098

Pre-filter Length	11

Neutron Calibration MDN 043

Base Calibration on 22-AUG-2005 15:53
Field Check on 3-OCT-2005,20:14

Base Calibration

	Measured		Calibrated (cps)	
	Near	Far	Near	Far
	3021	94	3714	110
Ratio	32.071		33.764	

Field Calibrator at Base

	Calibrated (cps)	
	1674	2333
Ratio	0.717	

Field Check

	Calibrated (cps)	
	1647	2293
Ratio	0.718	

Ratio 0.718

Neutron Constants MDN 043

Neutron Source Id	NSNE-747	
Neutron Jig Number	31	
Epithermal Neutron	No	
Caliper Source for Processing	Density Caliper	
Stand-off	0.00	inches
Mud Density	1.16	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	11.57	kppm
Formation Fluid Salinity Source	Constant Value	
Formation Fluid Salinity	0.00	kppm
Barite Mud Correction	Not Applied	

Photo Density Calibration MPD 066

Base Calibration on 22-AUG-2005,12:13
Field Check on 3-OCT-2005,20:15

Density Calibration

Base Calibration	Measured Near	Measured Far	Calibrated (sdu) Near	Calibrated (sdu) Far
Reference 1	49825	17938	53111	19310
Reference 2	23308	2480	24951	2530

Field Check at Base

	918.0	1089.7

Field Check

	919.8	1086.8

PE Calibration

Base Calibration	WS	Measured WH	Measured Ratio	Calibrated Ratio
Background	176	793		
Reference 1	15856	49650	0.321	0.320
Reference 2	6240	23176	0.271	0.273

Field Check at Base

176.0	793.2	

Field Check

173.6	795.1	

Density Constants MPD 066

Density Source Id	NSDL250	
Nylon Calibrator Number	DNC-D-536	
Aluminium/Fe Calibrator Number	DAC-D-536	
Density Shoe Profile	8 inch	
Caliper Source for Processing	Density Caliper	
PE Correction to Density	Not Applied	
Mud Density	1.16	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

Caliper Calibration MPD 066

Base Calibration on 22-AUG-2005 11:11
Field Calibration on 3-OCT-2005,20:15

Base Calibration

Reading No	Measured	Calibrator Size (in)
1	11983	4.01
2	20446	5.99
3	29120	7.98
4	37568	9.94
5	47008	12.01
6	N/A	N/A

Field Calibration

Measured Caliper (in)	Actual Caliper (in)
8.91	8.92

Sonic Constants MSS 049

Maximum Boundary Contrast	100.00	micro-sec/ft
Fluid Transit Time	189.00	micro-sec/ft
Limestone Transit Time	47.50	micro-sec/ft
Sandstone Transit Time	55.50	micro-sec/ft
Dolomite Transit Time	43.50	micro-sec/ft
Sonic used for Porosities	3-5' Compensated	
Correction for Sonde Skew	Applied	
Cycle Stretch Algorithm	Applied	
MN3FT	0.00	micro-sec
MX3FT	1500.00	micro-sec

Fixed Gate Parameters

Start Time (micro-sec)	End Time (micro-sec)	Discriminator (mV)	Depth (m)
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	0.00	0.00	

Down Hole Fixed Gate Parameters

Gate Start	0.00	micro-sec
Gate Width	0.00	micro-sec
Initial Discriminator Level	0.0000	mVolts

Full Waveform Parameters

Use 3' Waveform to derive TR	No	
Use 4' Waveform to derive TR	No	
Use 5' Waveform to derive TR	No	
Use 6' Waveform to derive TR	No	
3' Waveform Discriminator Level	0.30	mV
4' Waveform Discriminator Level	0.30	mV
5' Waveform Discriminator Level	0.15	mV
6' Waveform Discriminator Level	0.15	mV
3' Waveform Filter	0	
4' Waveform Filter	0	
5' Waveform Filter	0	
6' Waveform Filter	0	
Semblance Level	0.50	
Semblance Window Width	120.00	micro-sec
Sonic 1 Despiker	100.00	micro-sec/ft
Sonic 2 Despiker	100.00	micro-sec/ft

Laterolog Calibration MLE 016

Base Calibration on 24-AUG-2005 11:54
Field Check on 3-OCT-2005,20:15

Base Calibration

	Measured		Calibrated (ohm-m)	
Channel	Resistor 1	Resistor 2	Resistor 1	Resistor 2
Shallow	9.7	965.7	13.3	1327.3
Deep	9.7	966.0	8.5	852.7
Groningen	9.7	966.3	8.5	852.7

Channel	Base Check (ohm-m)	Field Check (ohm-m)
Shallow	49.4	49.4
Deep	31.7	31.7
Groningen	253.9	253.9

Laterolog Constants MLE 016

Squasher Start	40000	ohm-m
Shallow Laterolog K Factor	1.3273	
Deep Laterolog K Factor	0.8527	
Groningen Laterolog K Factor	0.8527	

Groningen Laterolog K Factor	0.8527
Interference Rejection	50 Hz
SP Connection	SP Bridle Electrode
Groningen Connection	None

SP Calibration MLE 016

Field Calibration on 3-OCT-2005,20:16

	Measured	Calibrated (mV)
Reference 1	93.1	100.0
Reference 2	-114.1	-100.0

Micro Laterolog Calibration MMR 005

Base Calibration on 24-AUG-2005 09:35
Field Check on 3-OCT-2005,20:16

Base Calibration

Measured		Calibrated (ohm-m)	
Ref 1	Ref 2	Ref 1	Ref 2
0.0	9744.7	0.0	196.0

Base Check (ohm-m)	Field Check (ohm-m)
8.1	8.0

Micro Laterolog Constants MMR 005

Micro Laterolog K Factor	0.0196	
Standoff Offset	0.0000	inches

COMPANY	ORIGIN ENERGY RESOURCES LIMITED
WELL	CHILDERS COVE 1
FIELD	ONSHORE OTWAY BASIN
PROVINCE/COUNTY	VICTORIA
COUNTRY/STATE	AUSTRALIA

Elevation Kelly Bushing	51.50	metres	First Reading	2656.80	metres
Elevation Drill Floor		metres	Depth Driller	2658.00	metres
Elevation Ground Level	46.20	metres	Depth Logger	2656.80	metres

PRECISION ENERGY SERVICES

Compact

DLL - SLL - MLL - SONIC
DENSITY - NEUTRON
1:200