

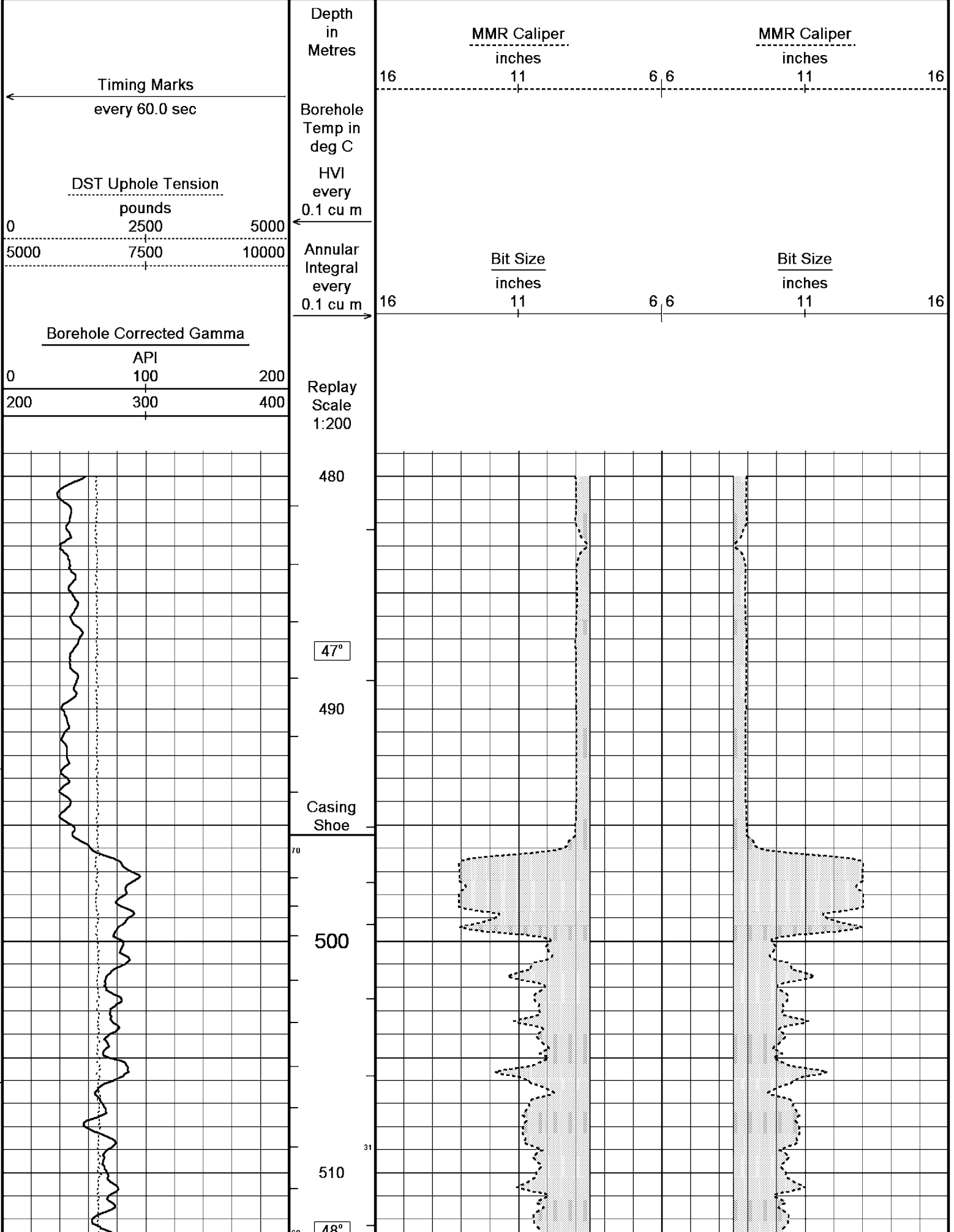
COMPANY	ORIGIN ENERGY LIMITED		
WELL	PETERBOROUGH - 1ST1		
FIELD	OTWAY BASIN		
PROVINCE/COUNTY	VICTORIA		
COUNTRY/STATE	AUSTRALIA		
LOCATION	38° 35' 11.98" S, 142° 51' 34.06" E		
	<b>FINAL PRINT</b>		
LSD	SEC	TWP	RGE
API Number	Other Services		
Permit Number	PEP 154	COMPENSATED NEUTRON	COMPENSATED SONIC
Permanent Datum MSL	Elevation 0.0	metres	
Log Measured From KB @	14.95	above Permanent Datum	
Drilling Measured From			
Date	05-SEP-2004		
Run Number	1		
Depth Driller	2070.00	metres	
Depth Logger	2052.55	metres	
First Reading	2051.70	metres	
Last Reading	30.00	metres	
Casing Driller	495.60	metres	
Casing Logger	495.40	metres	
Bit Size	8.50	inches	
Hole Fluid Type	KCL POLYMER		
Density / Viscosity	1.14 g/cc	45.00 CP	
PH / Fluid Loss	9.50	4.40 ml/30Min	
Sample Source	FLOWLINE		
Rm @ Measured Temp	0.30 @ 22.2	ohm-m	
Rmf @ Measured Temp	0.53 @ 22.3	ohm-m	
Rmc @ Measured Temp	0.12 @ 22.1	ohm-m	
Source Rmf / Rmc	FILTER	PRESS	
Rm @ BHT	0.14 @ 74.0	ohm-m	
Time Since Circulation	19.5 HRS		
Max Recorded Temp	74.00	deg C	
Equipment Name	SCOMBO		
Equipment / Base	8		
Recorded By	SHAWN STASIUK		
Witnessed By	JOHN HOBDAV		
Circ. Stop	01:00-SEP 05		

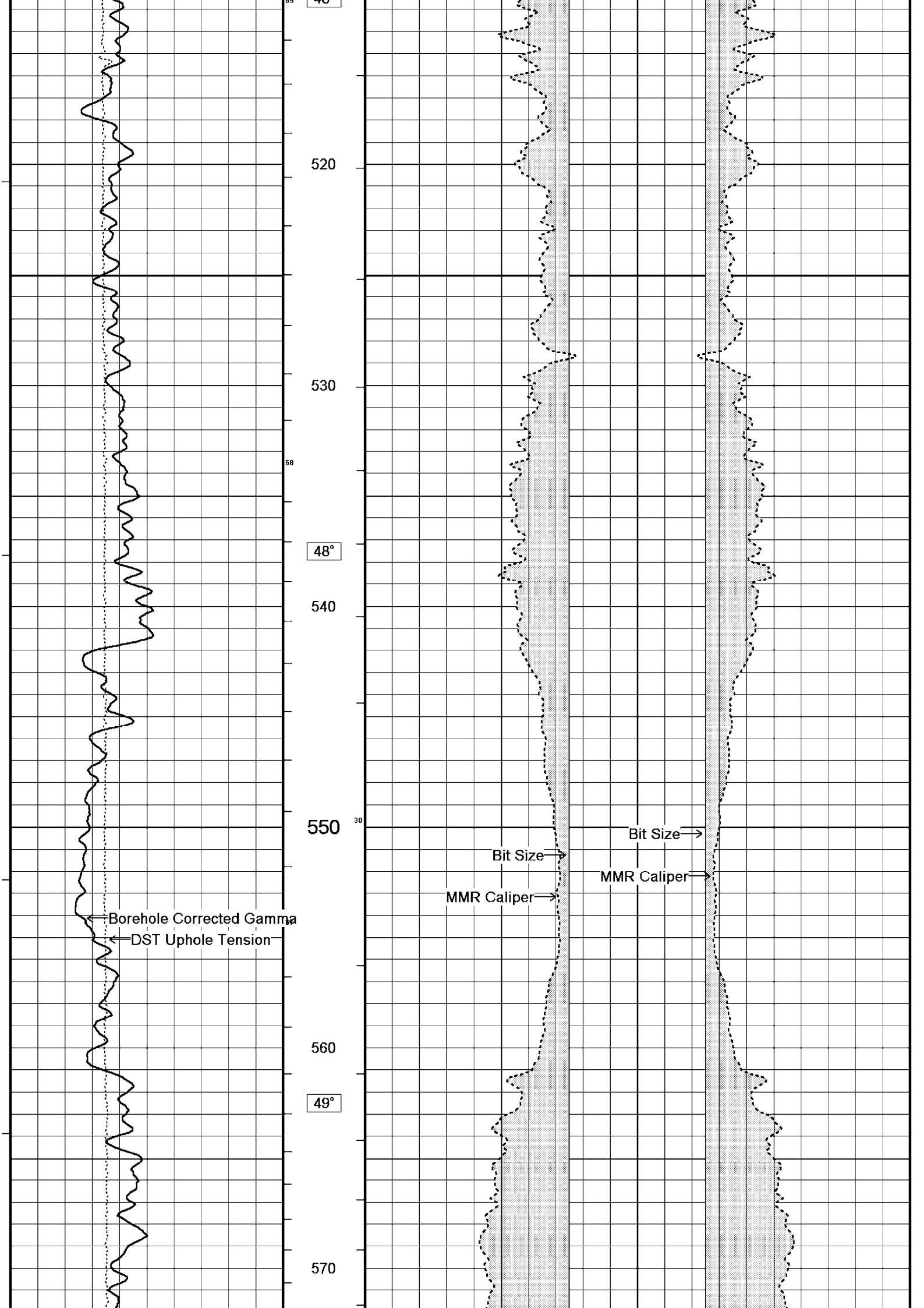
BOREHOLE RECORD		
Bit Size inches	Depth From metres	Depth To metres
8.500	495.00	2070.00

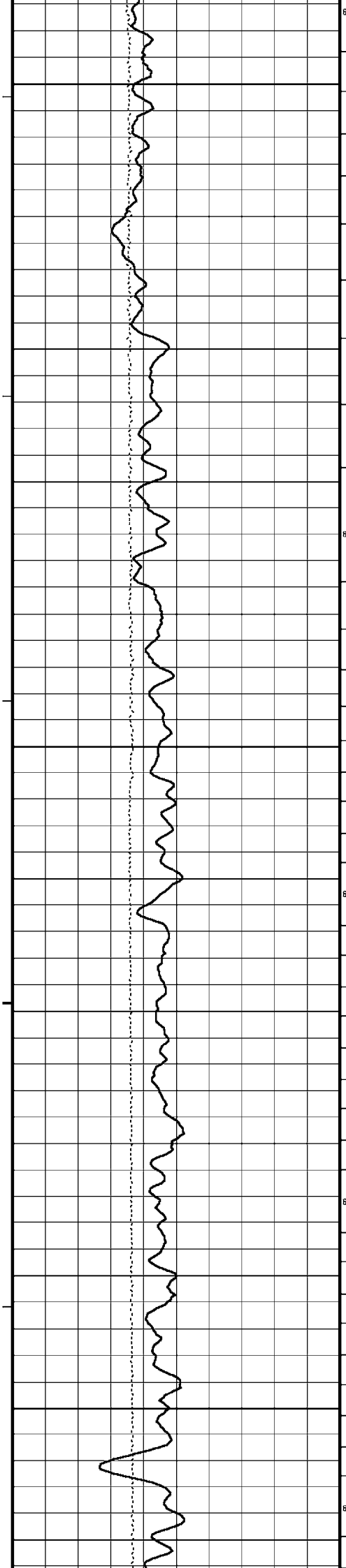
CASING RECORD				
Type	Size inches	Depth From metres	Shoe Depth metres	Weight pounds/ft
K55	9.625	0.00	495.00	36.00

REMARKS	
1) SOFTWARE ISSUE: JUN 17, 2004. 2) CUSTOMER SCALES AND INTERVALS LOGGED. 3) HFS, MMR, MLE, MUG, MSS, 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:2391 6) RIG:CENTURY 7	
PRINTS: 1 FIELD 3 FINALS	
7) TOTAL HOLE VOLUME FROM TD TO SURFACE CASING = 70 CU.M. 8) TOTAL ANNULAR VOLUME WITH 7 INCH CASING = 31.5 CU.M.  9) PARTIAL CEMENT IN THE HOLE BETWEEN 925 AND 980M. 10) LOGGING TOOLS WERE REPEATEDLY HUNG UP FROM 720 TO 1354M. 11) UNABLE TO MAKE IT PAST 2049M. SEVERAL ATTEMPTS WERE MADE.	

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







580

29

49°

590

65

600

64

610

28

50°

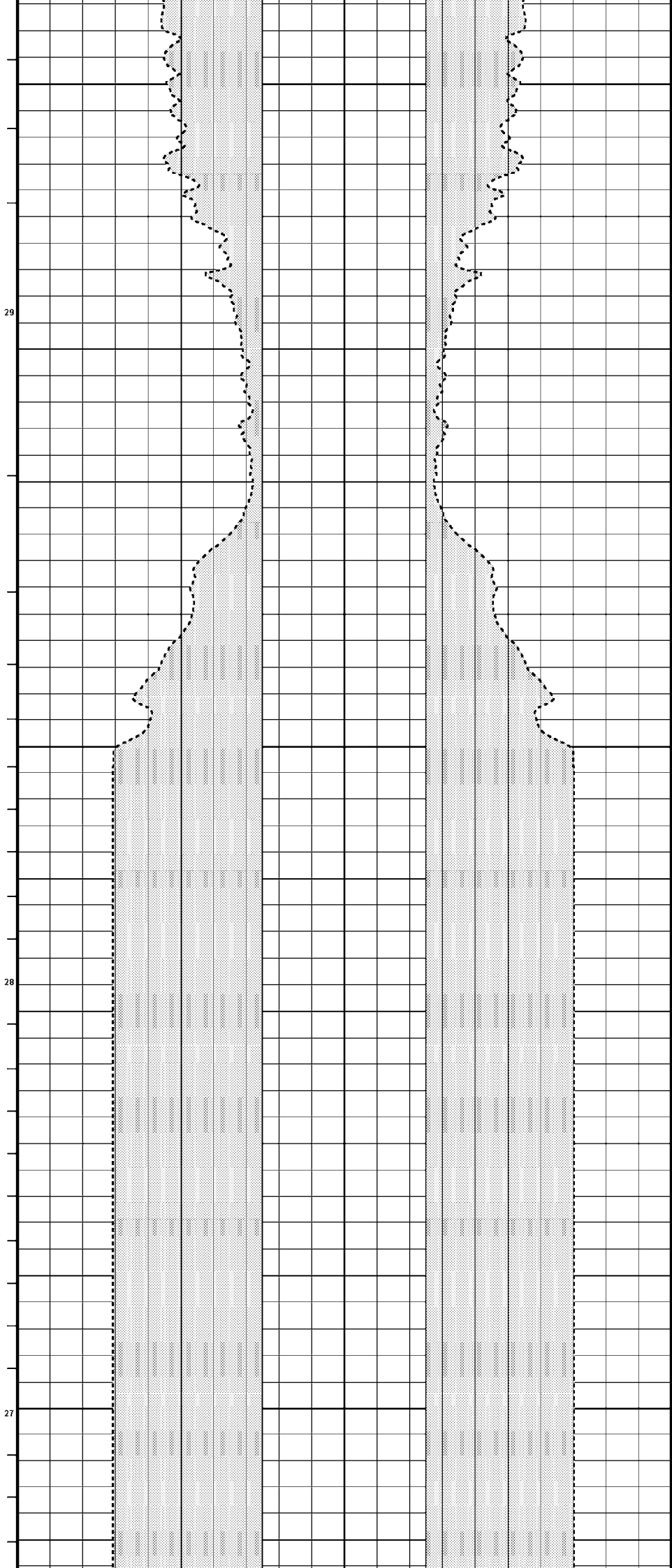
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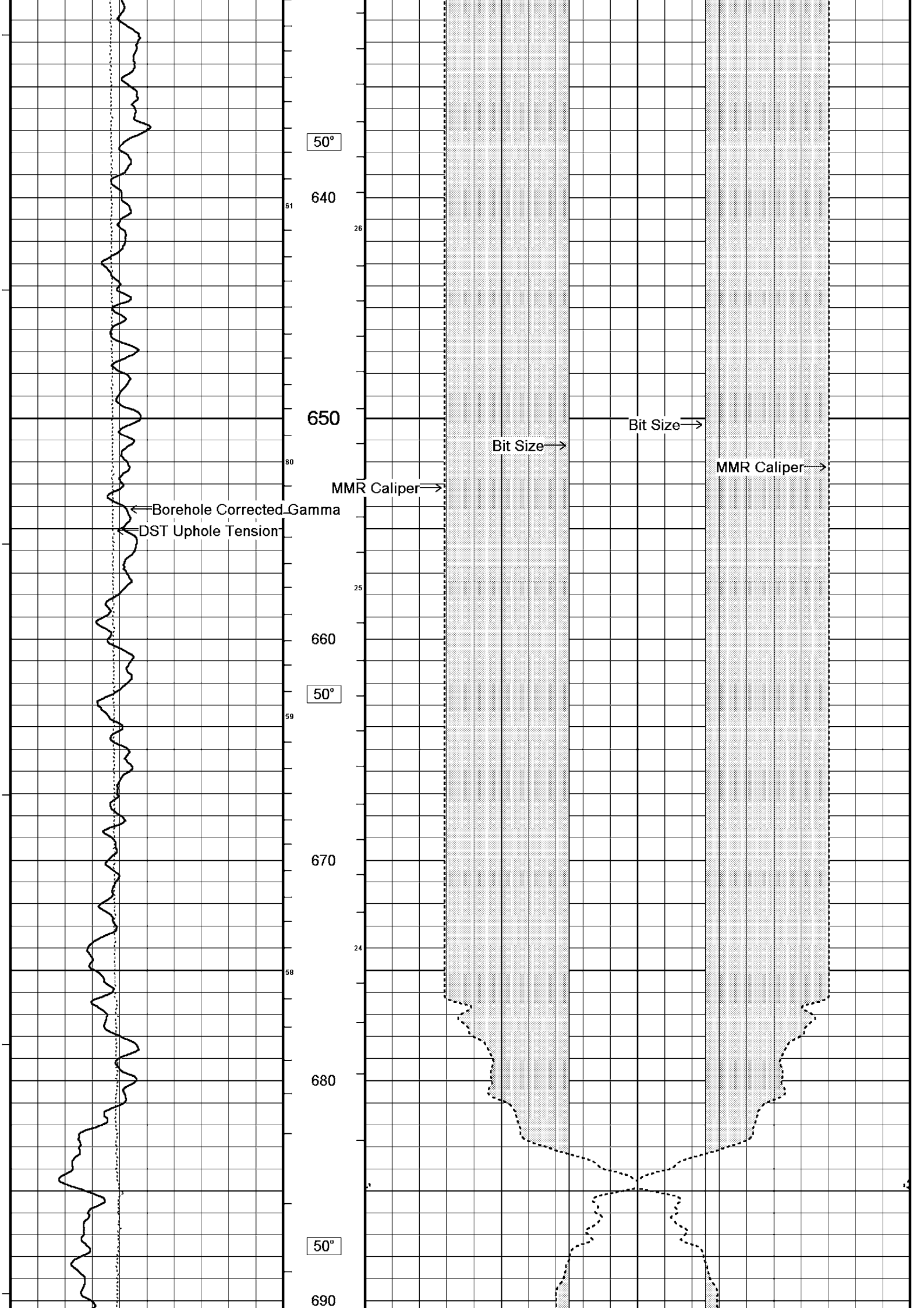
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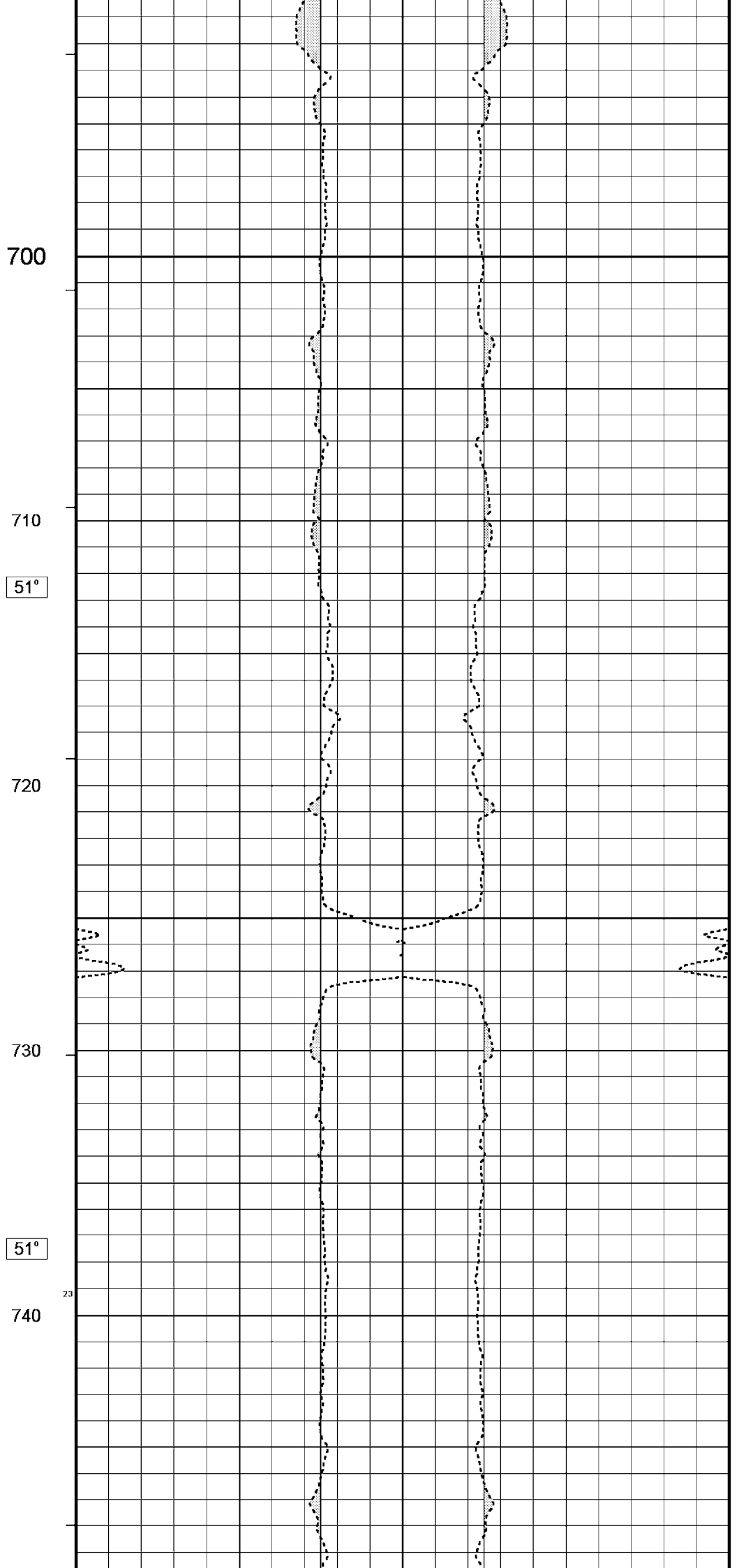
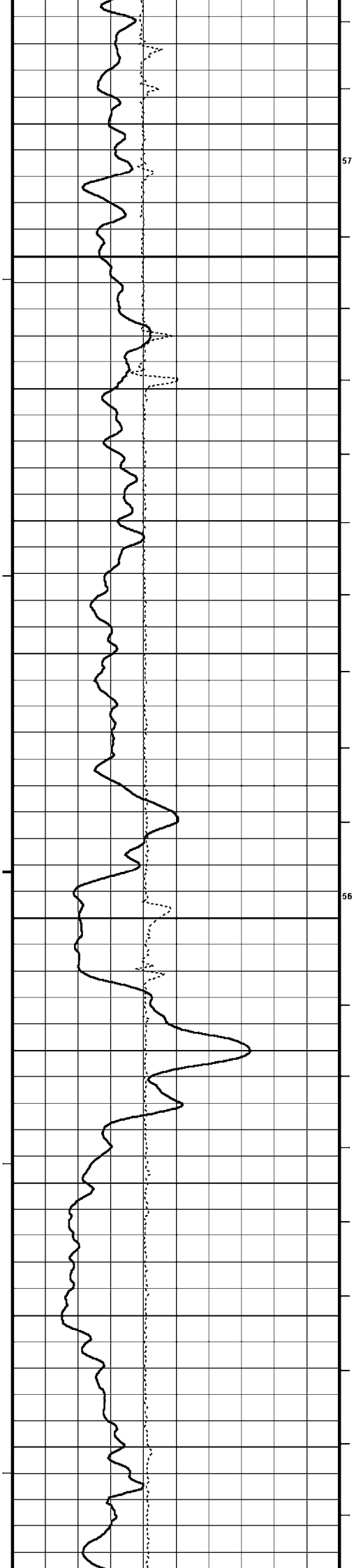
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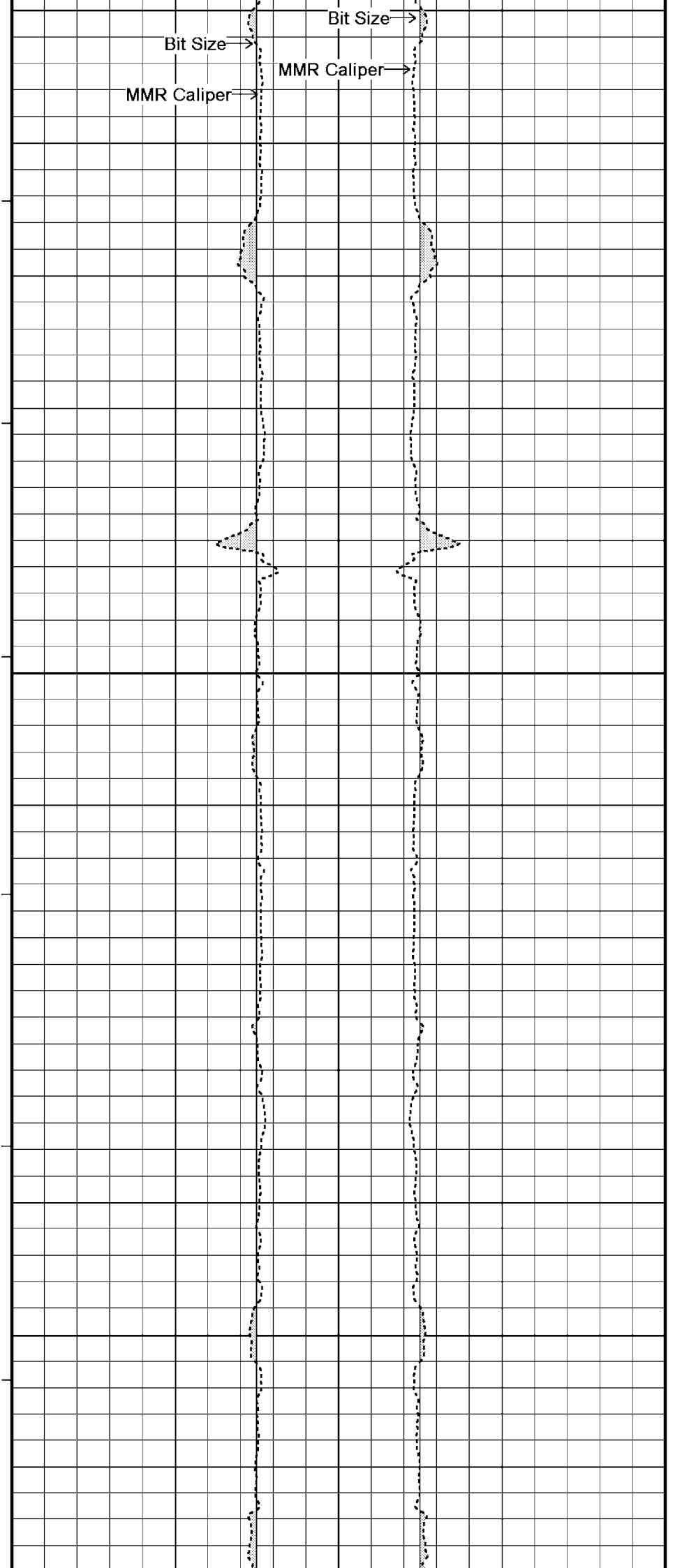
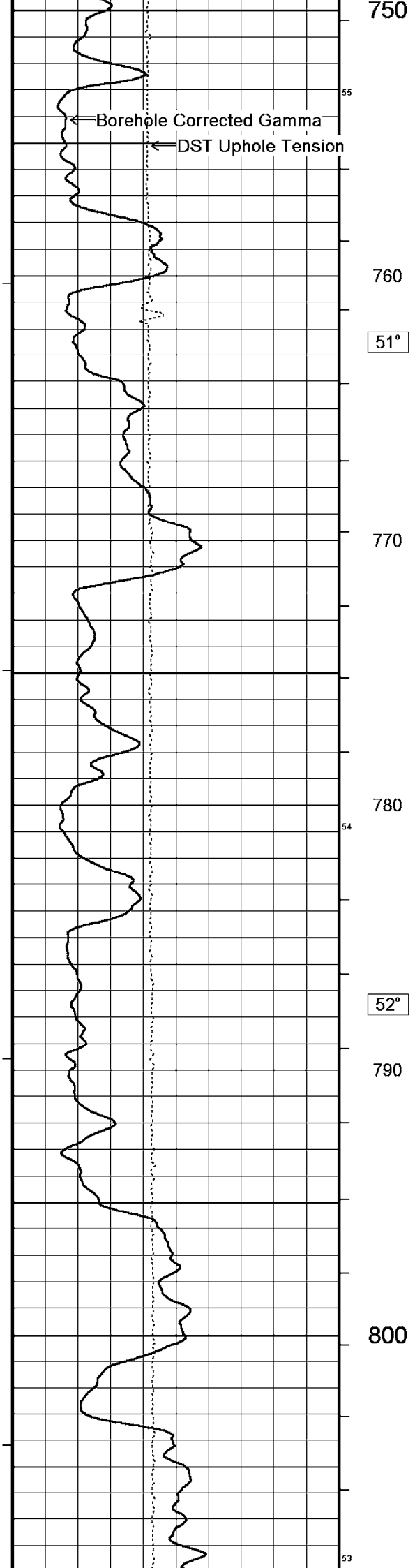
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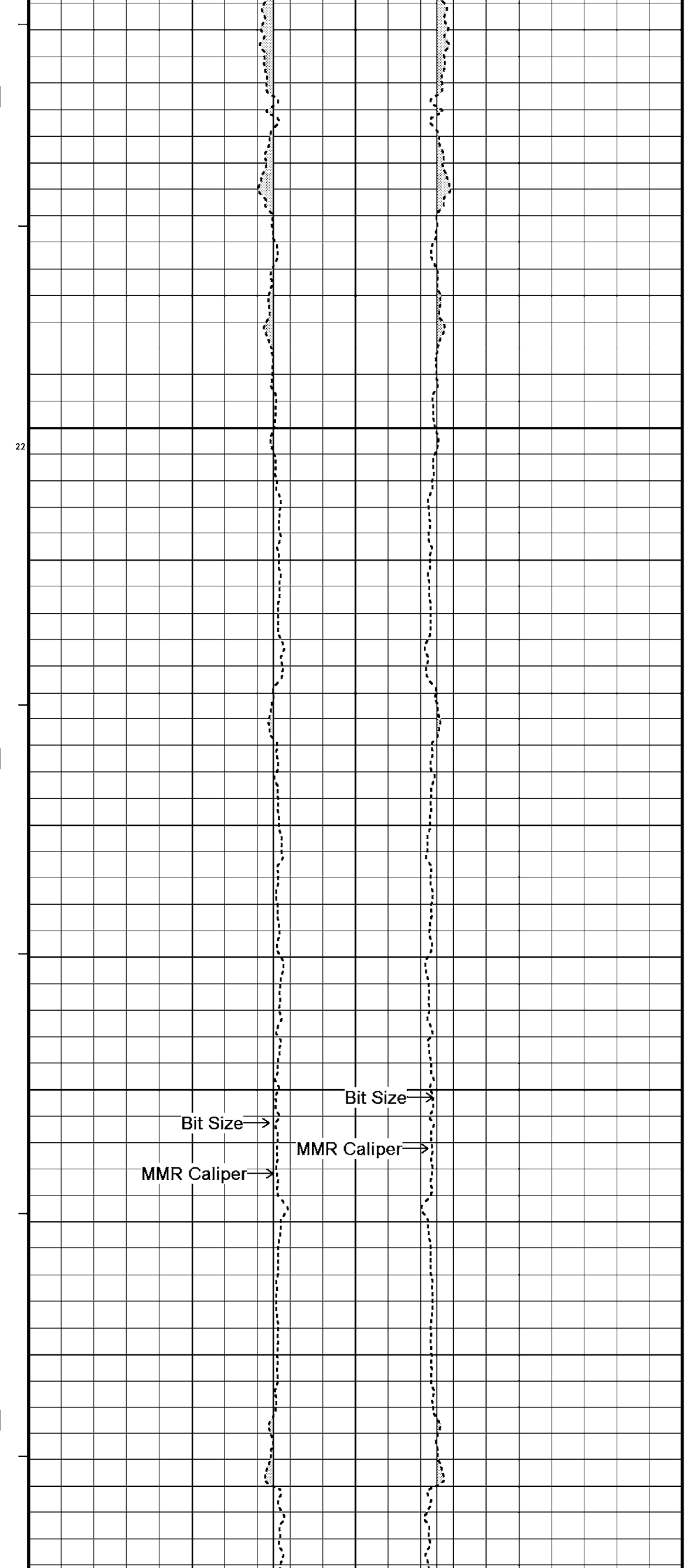
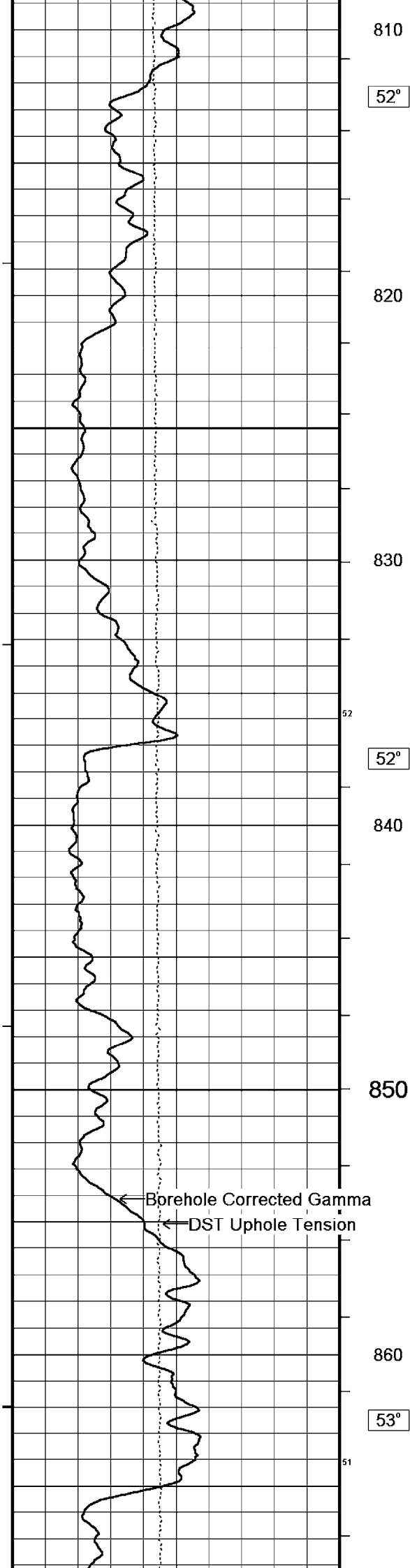
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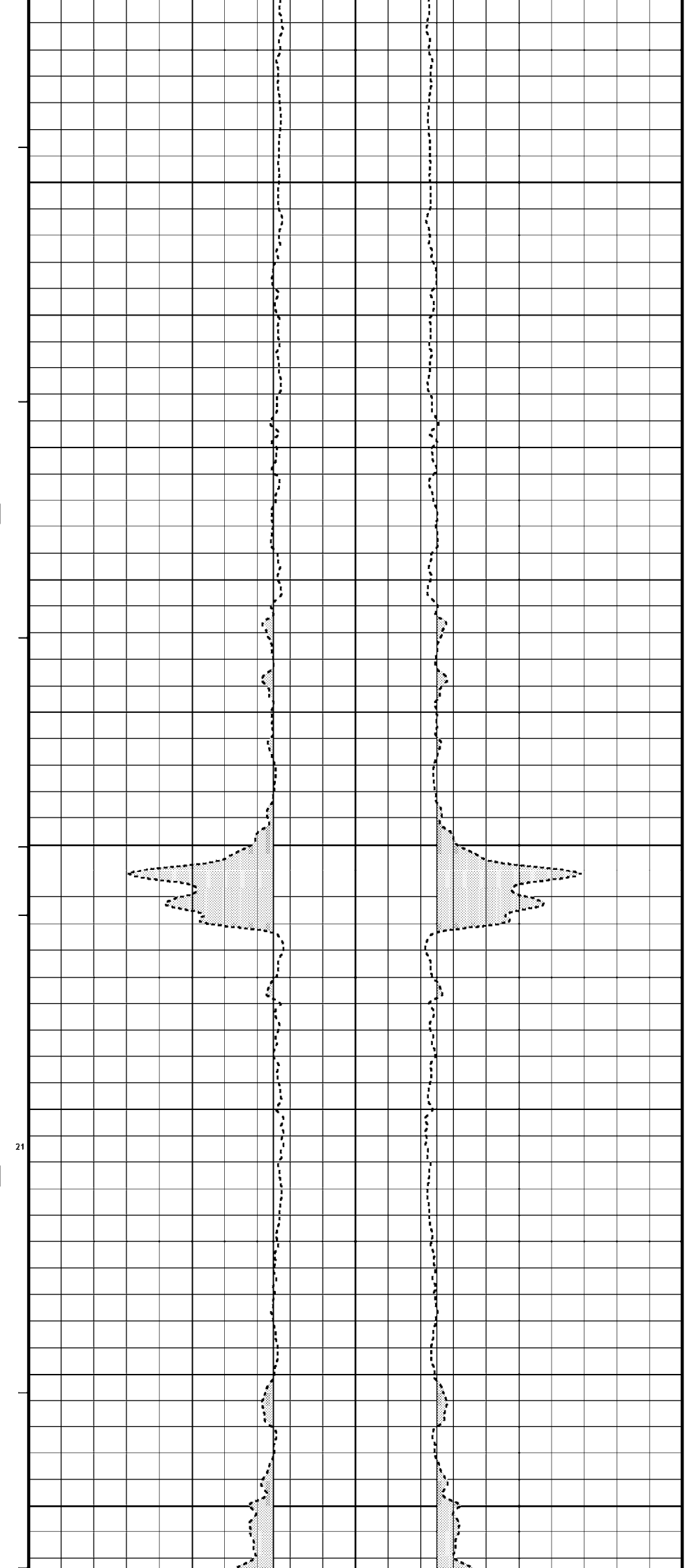
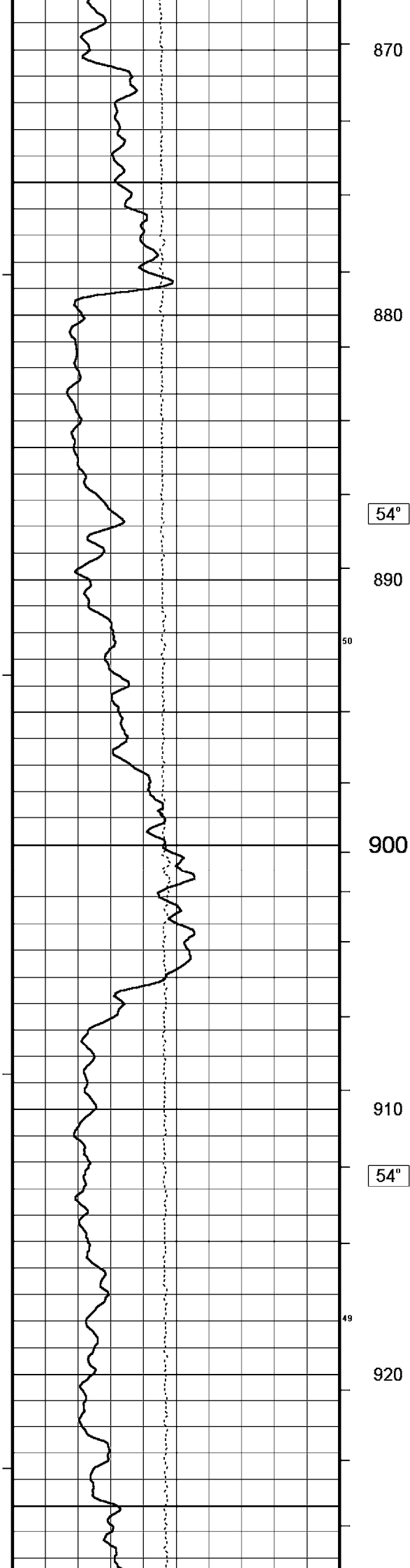


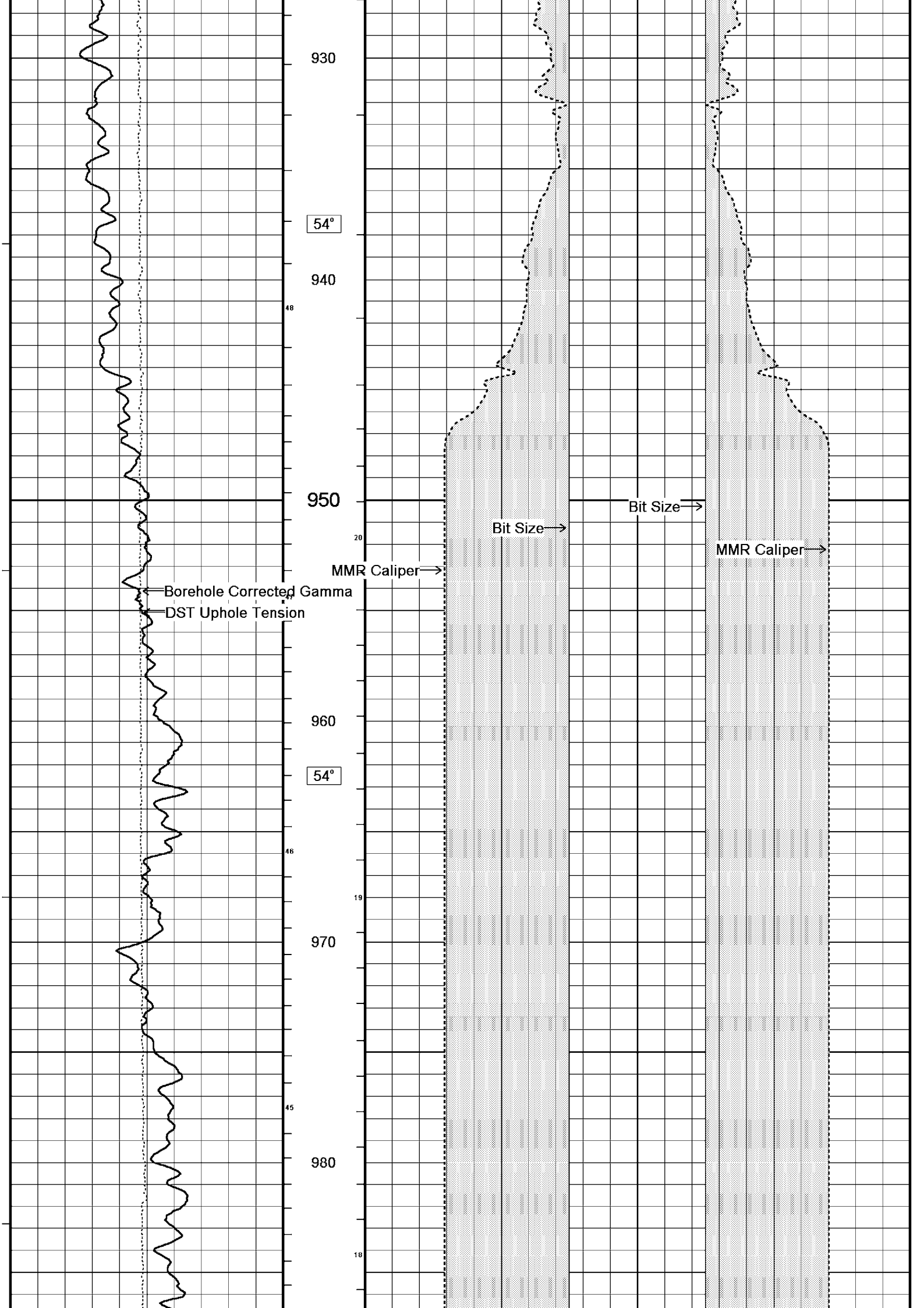


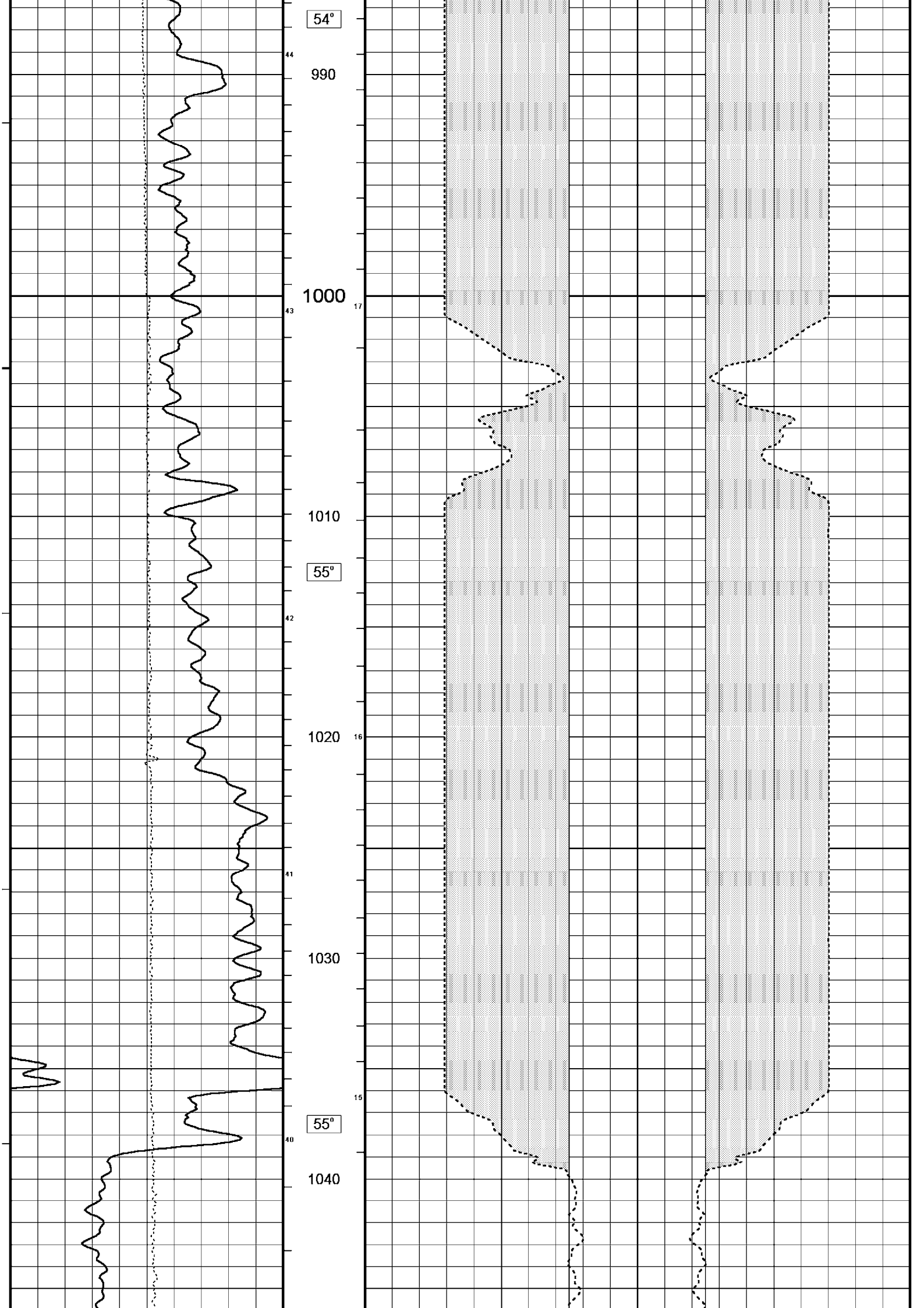


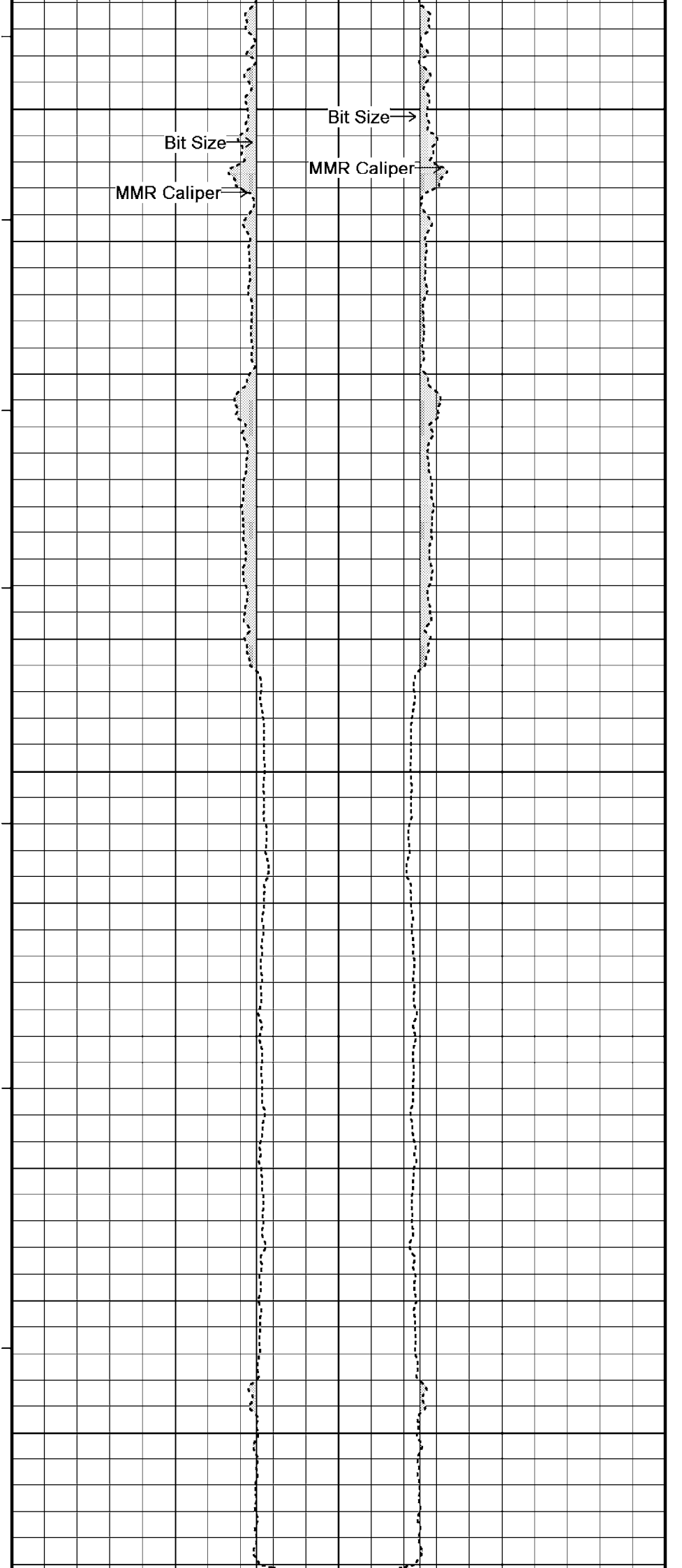
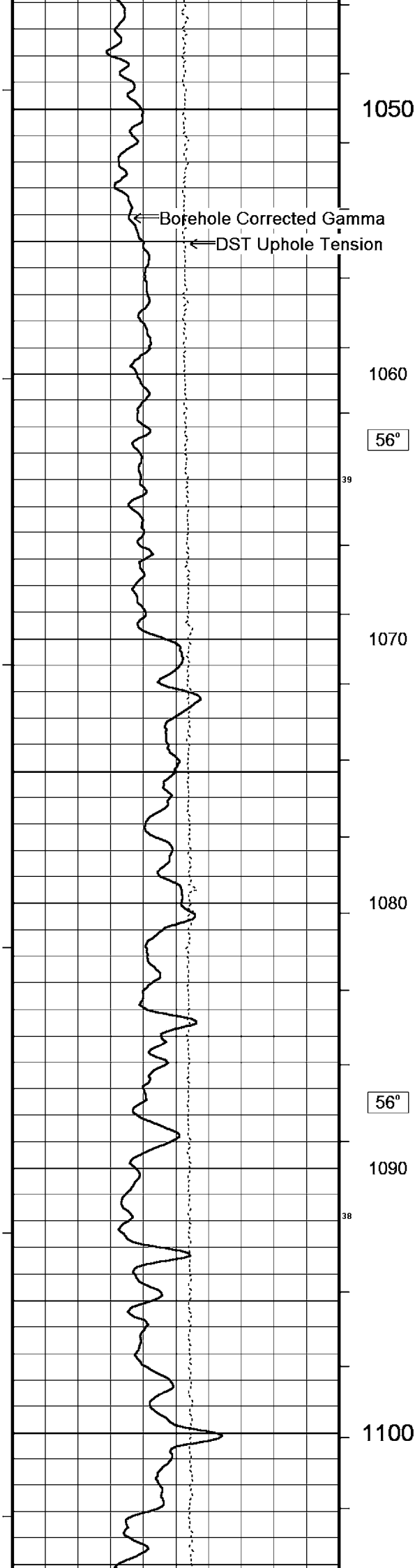


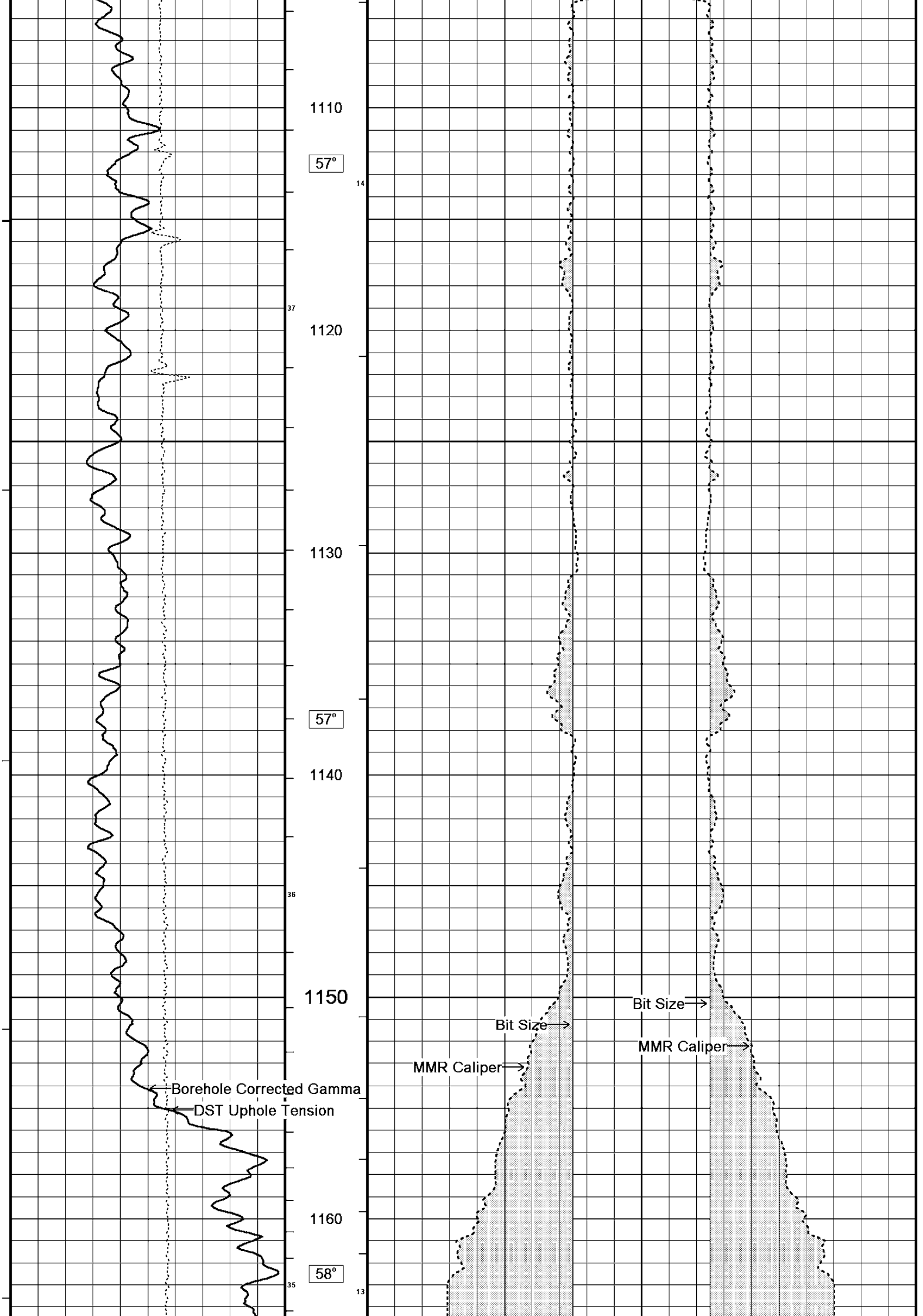


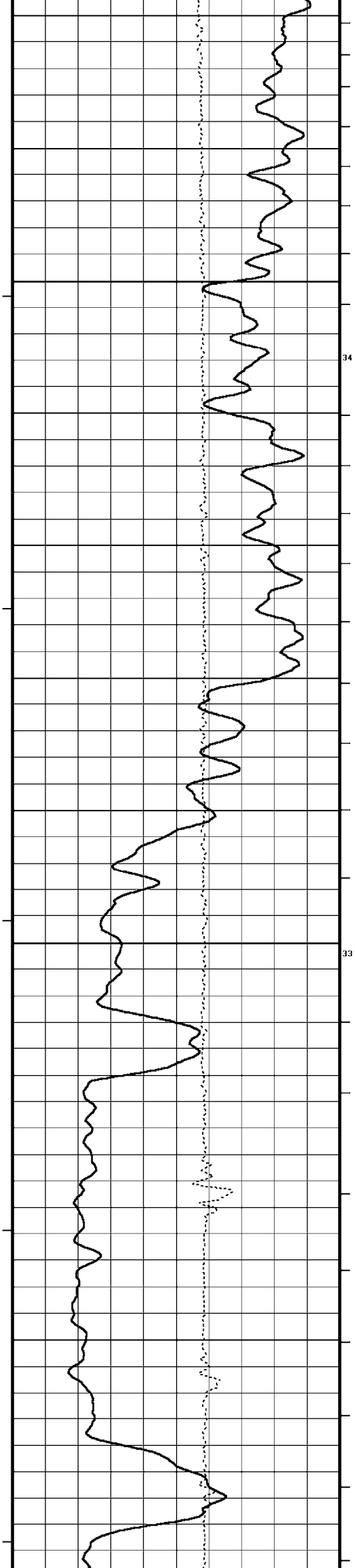








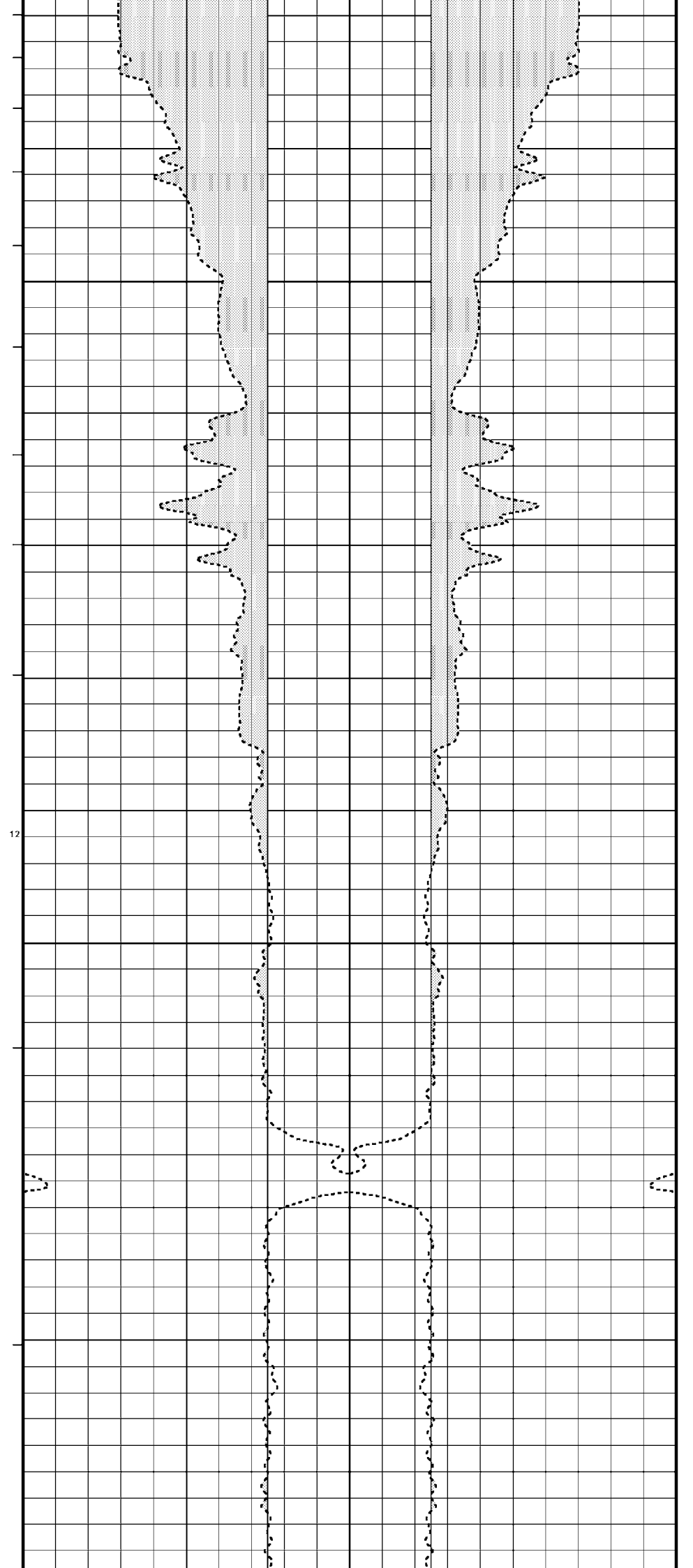




1170  
1180  
1190  
1200  
1210  
1220

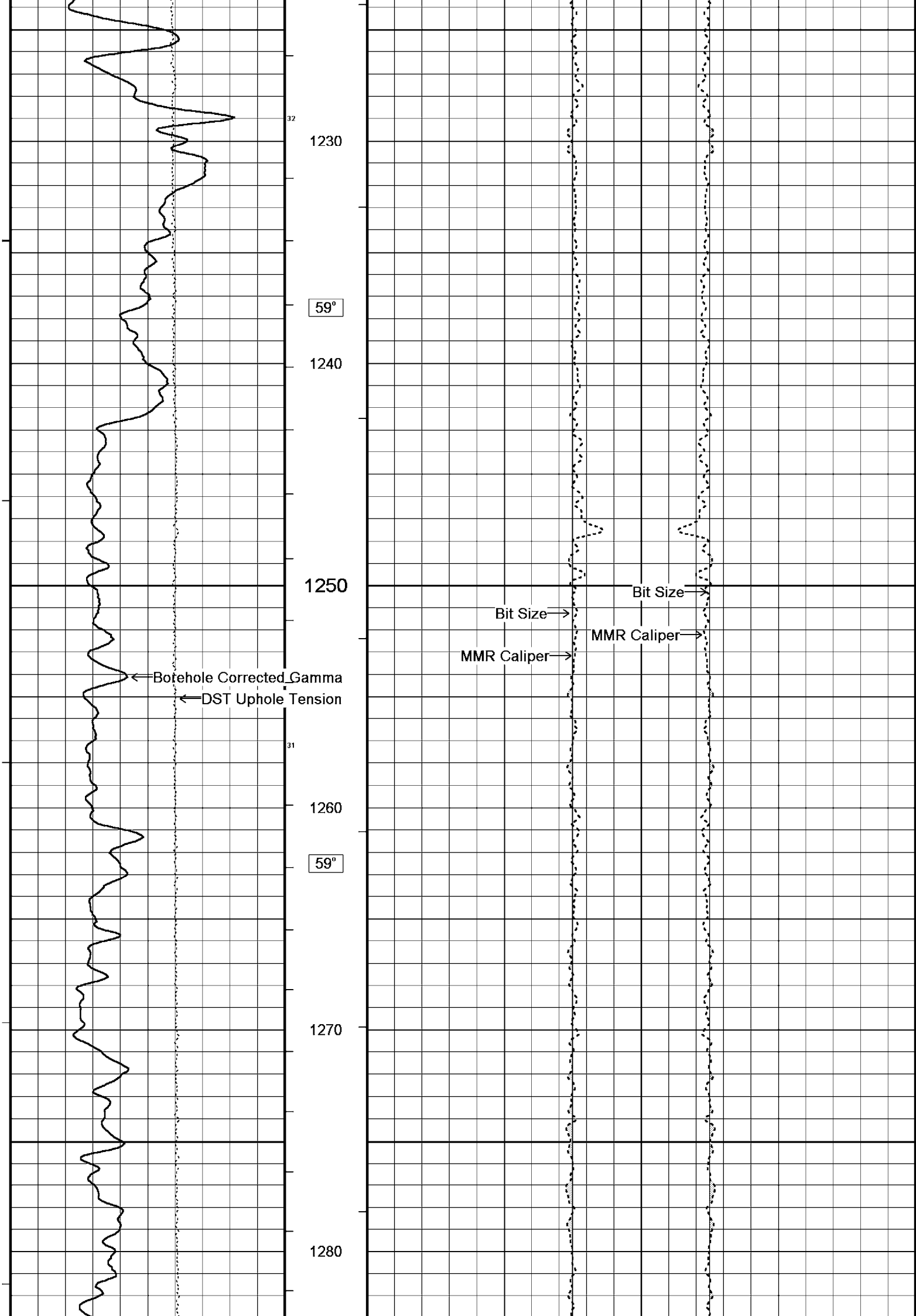
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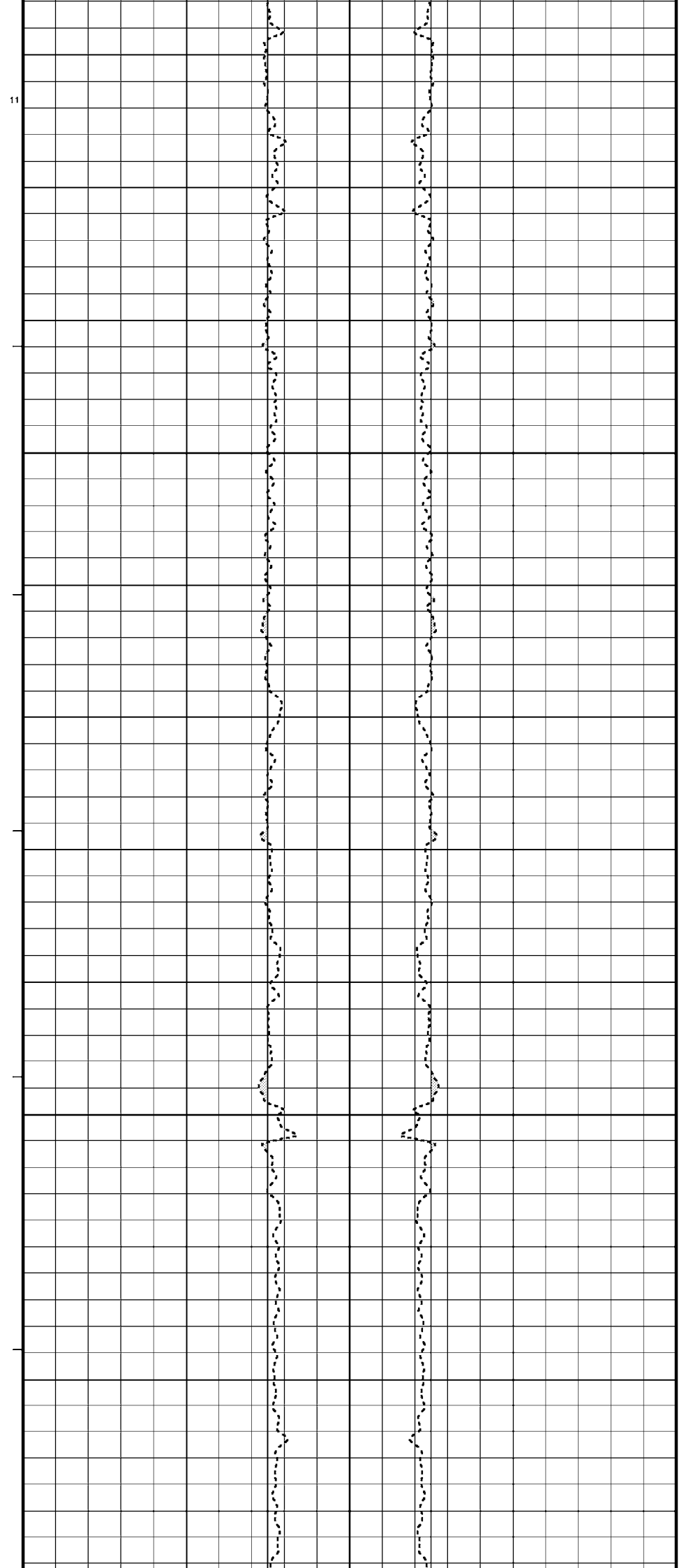
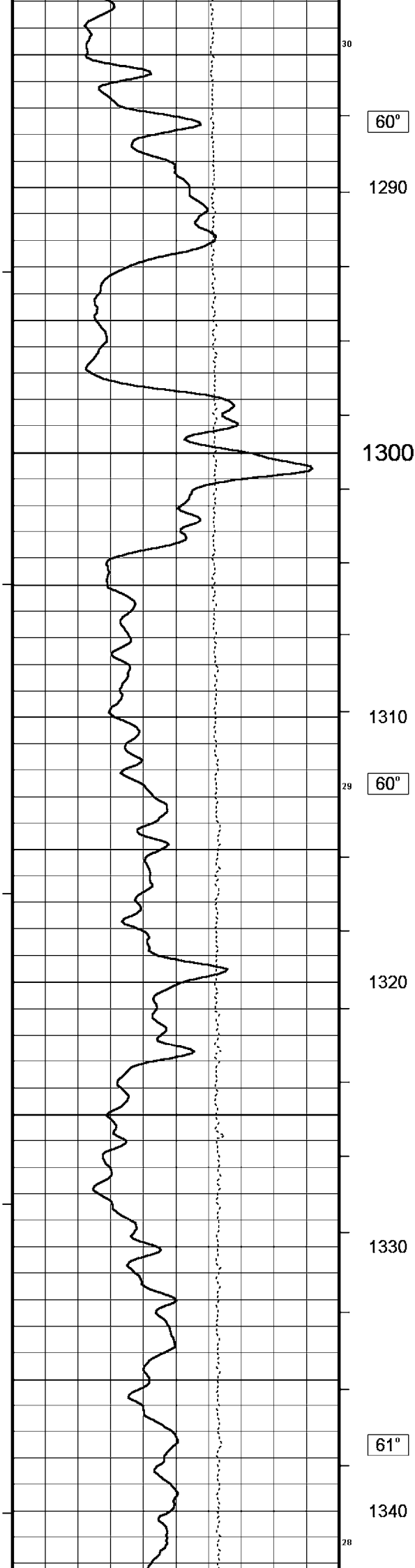
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59°



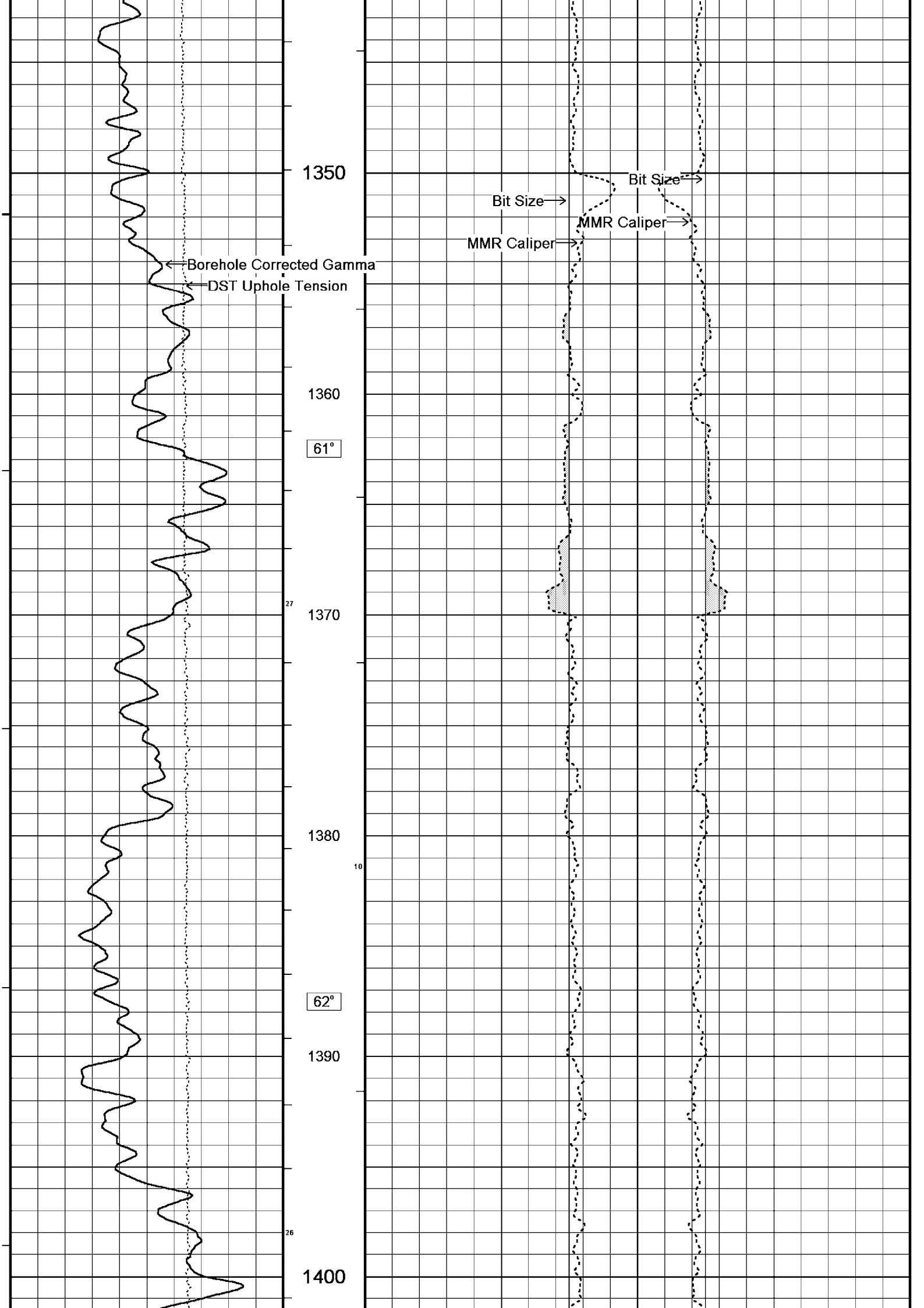
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1180  
1190  
1200  
1210  
1220

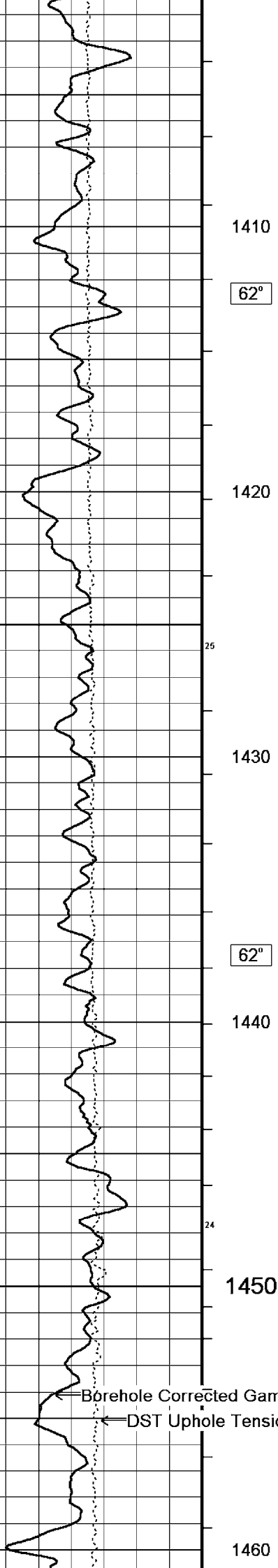
12  
11











1410

62°

1420

25

1430

62°

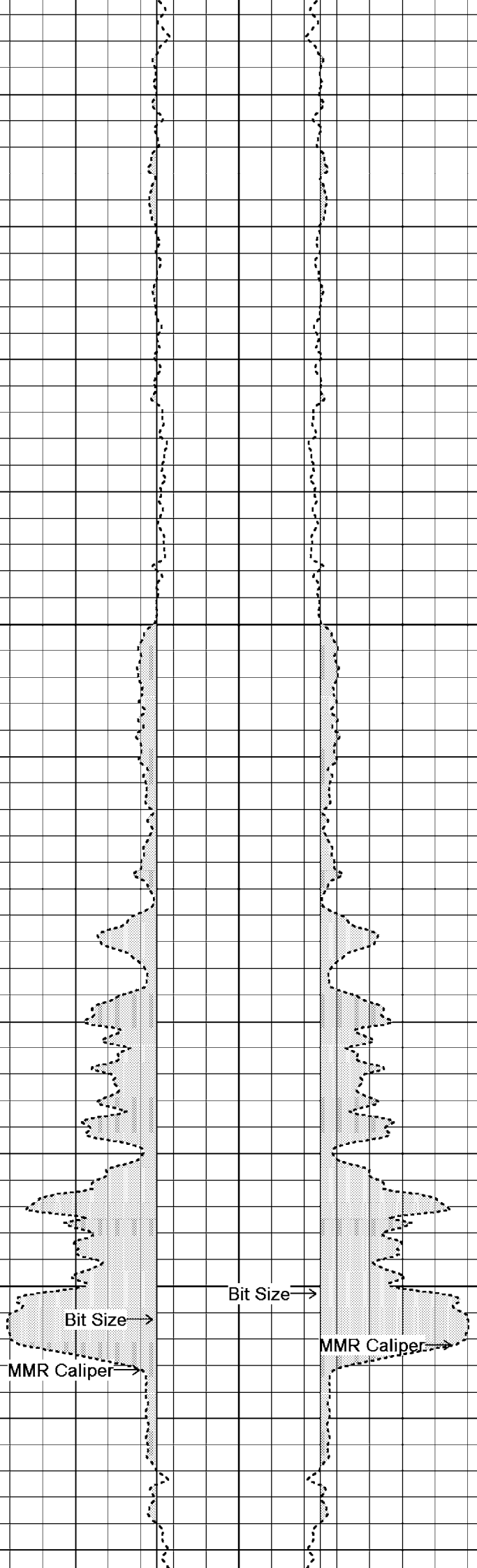
1440

24

1450

1460

Borehole Corrected Gamma  
DST Uphole Tension



1410

62°

1420

25

1430

62°

1440

24

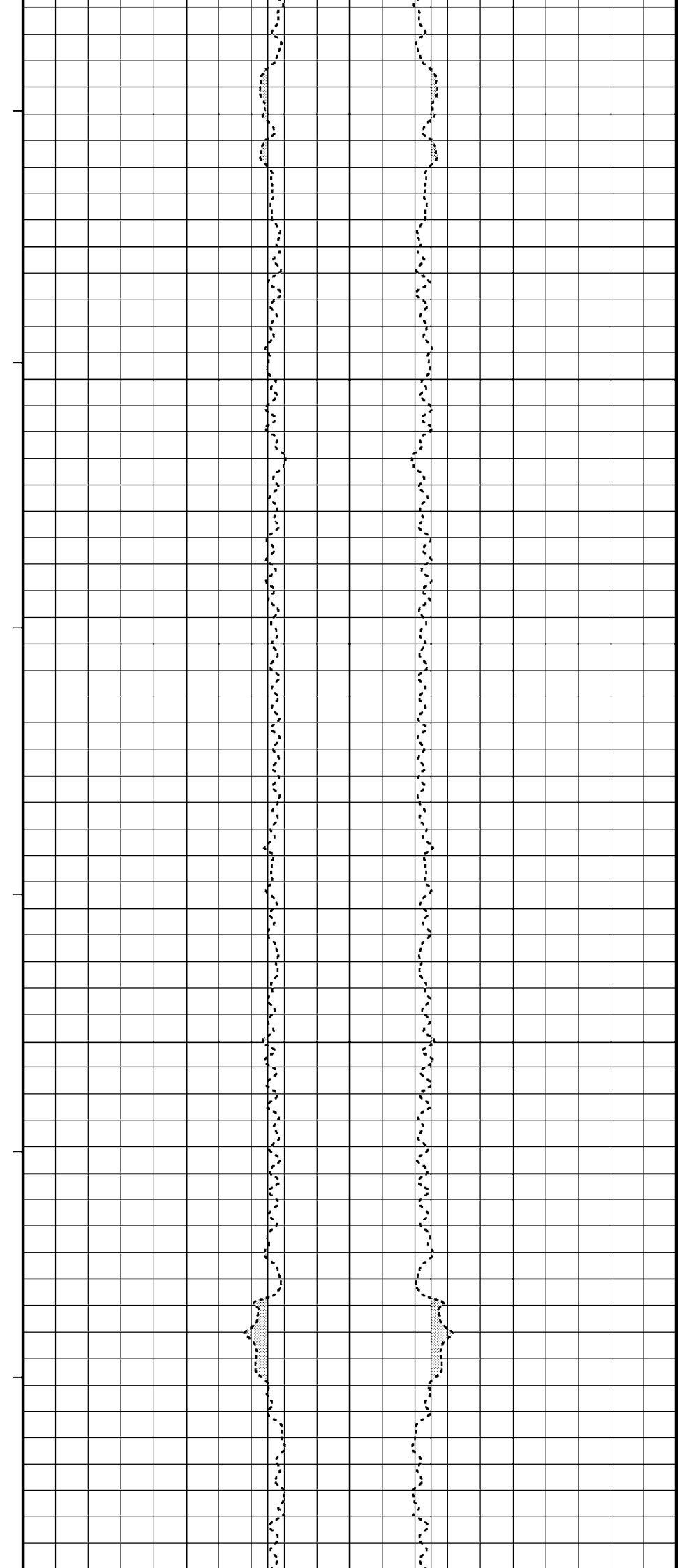
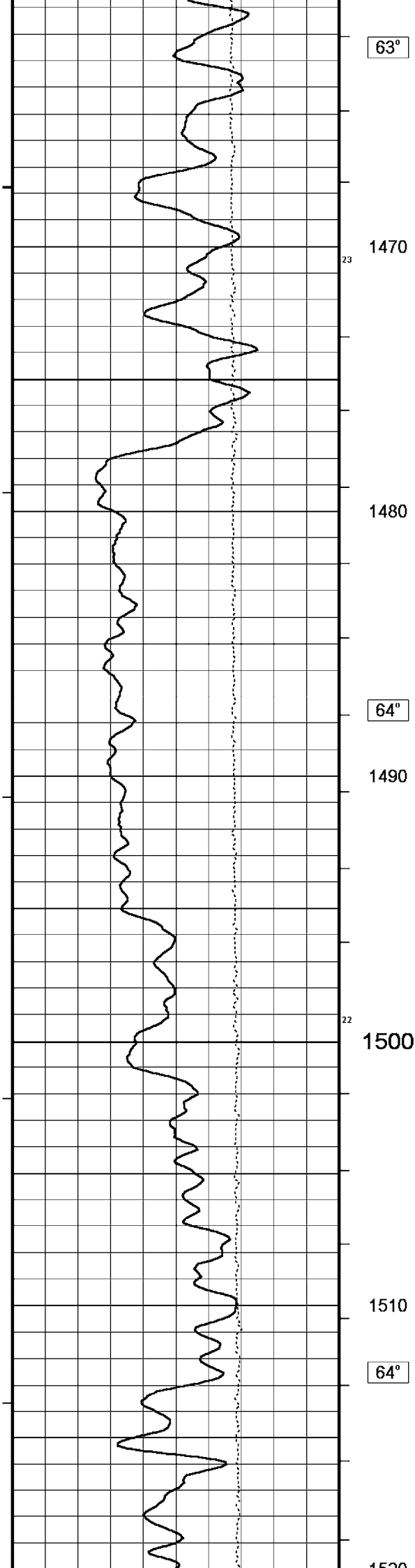
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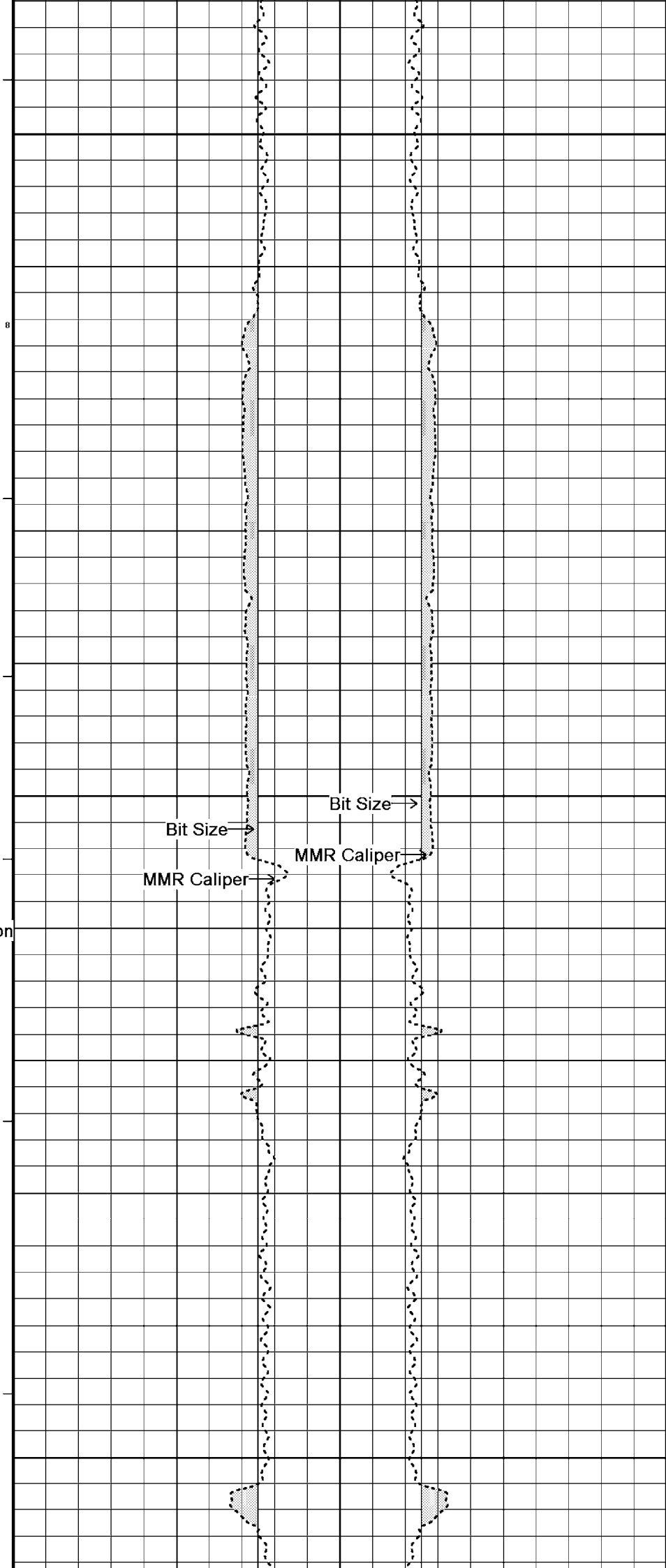
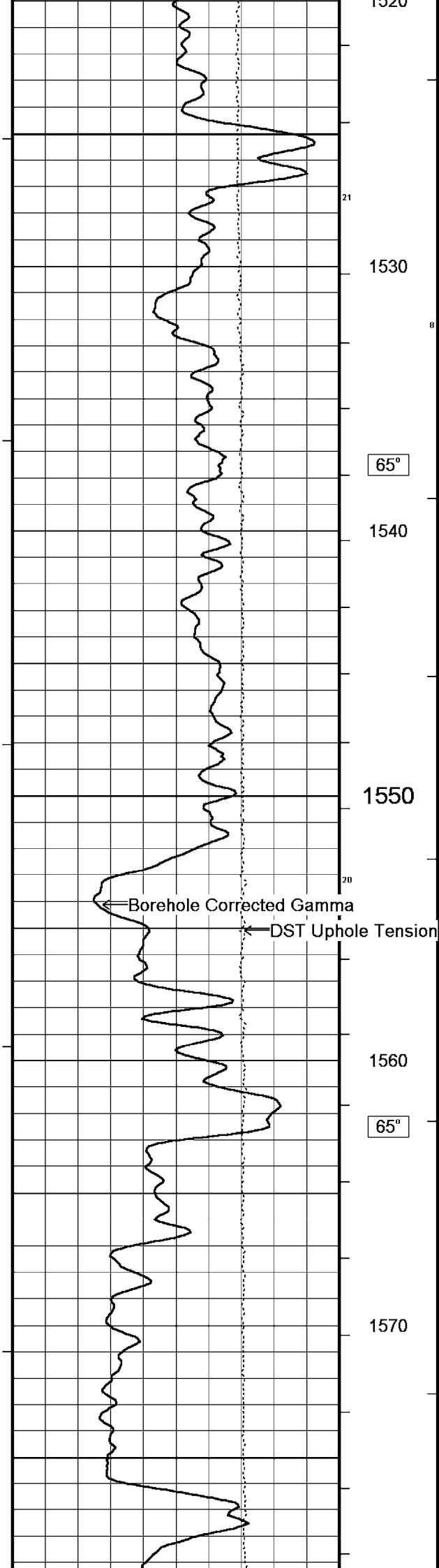
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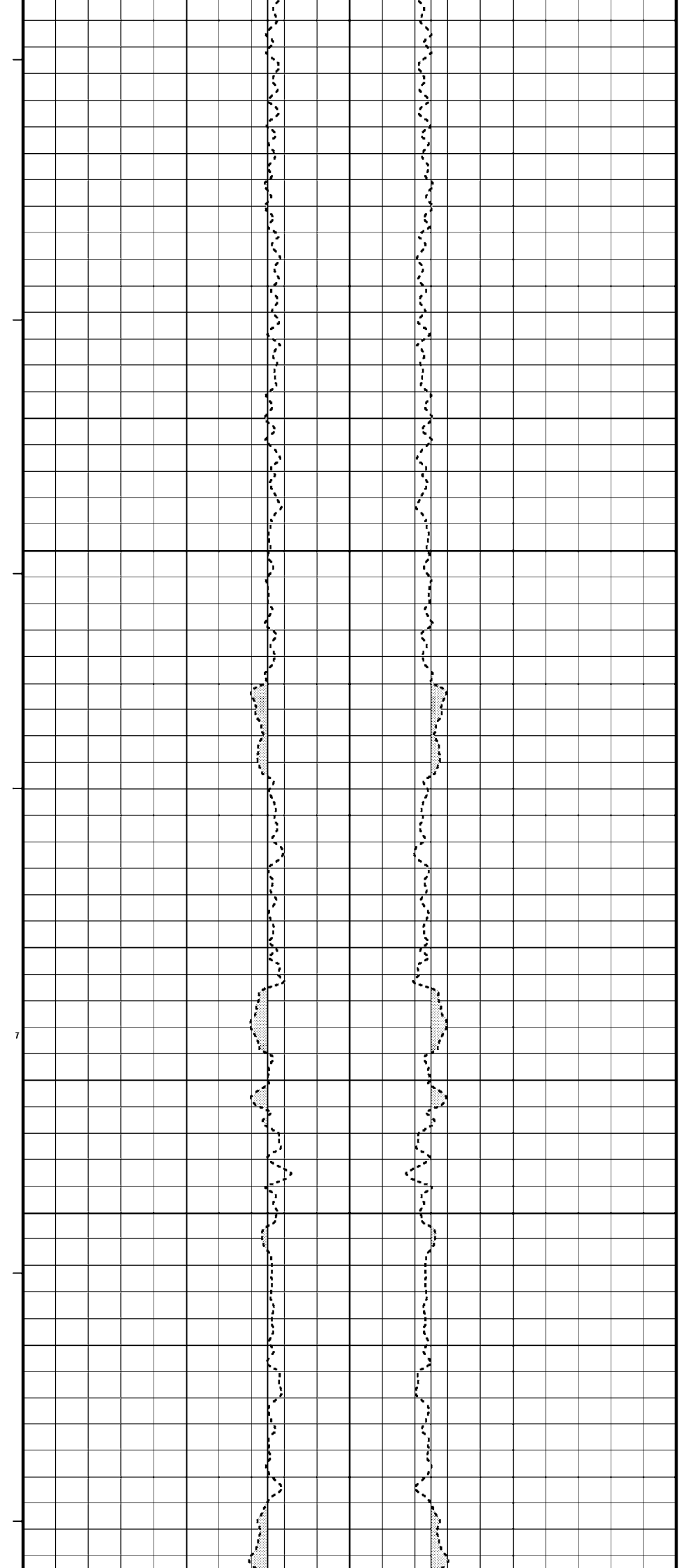
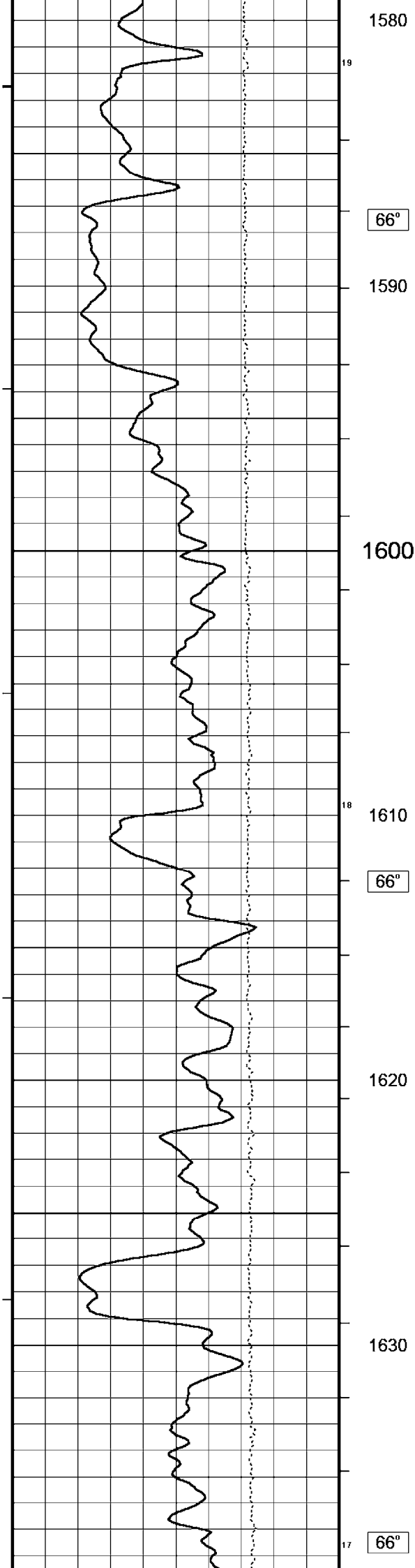
Bit Size  
MMR Caliper

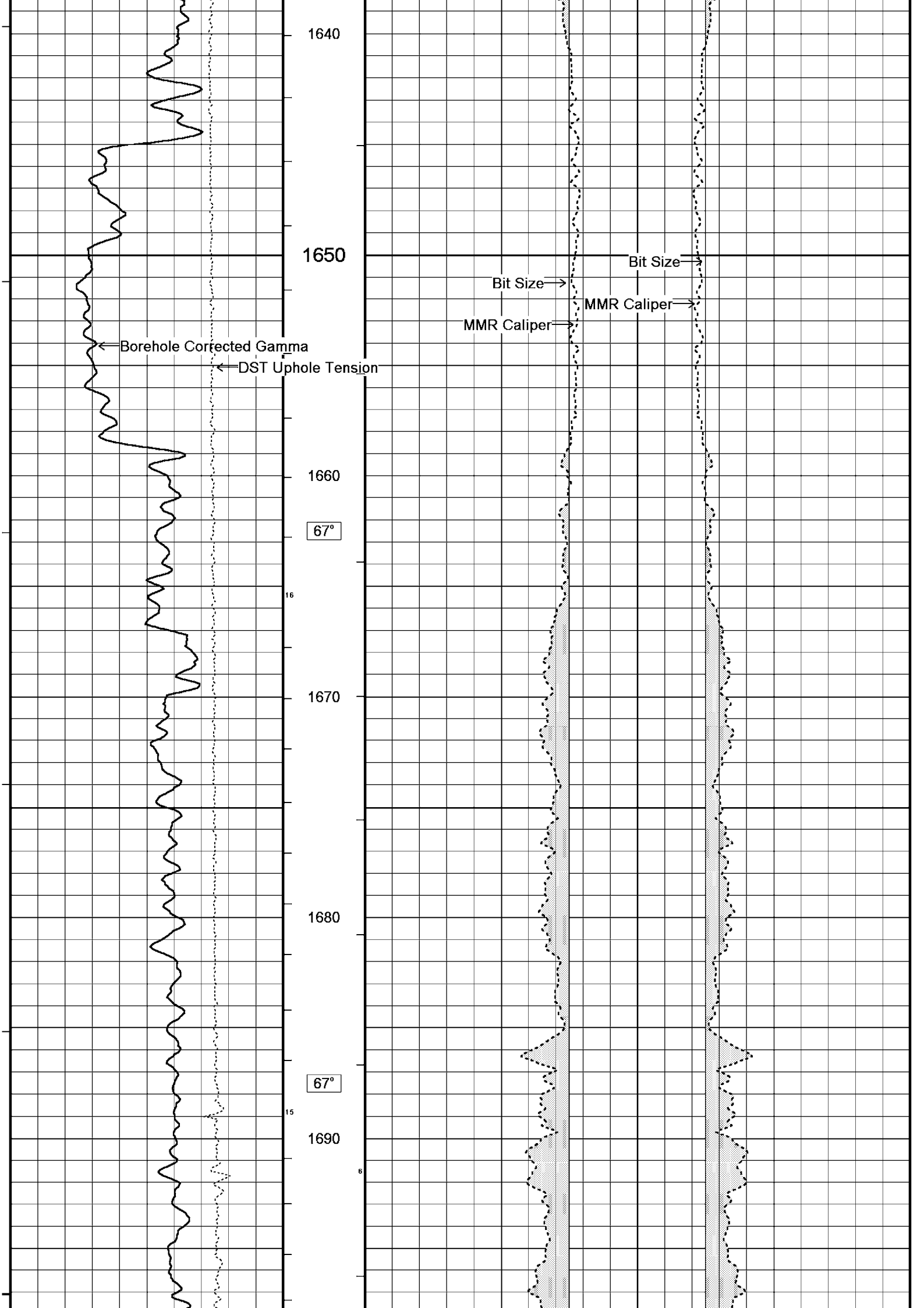
Bit Size

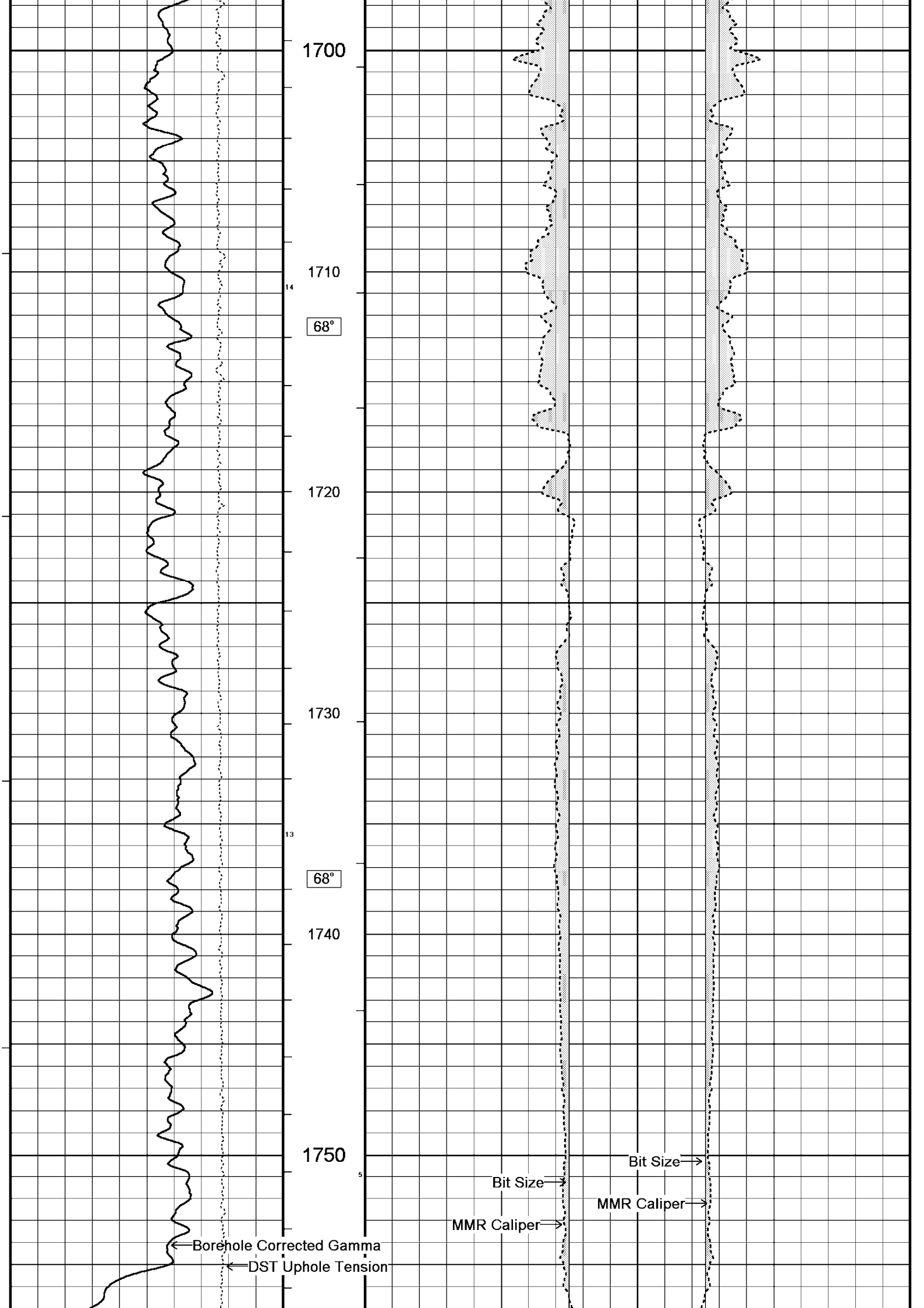
MMR Caliper

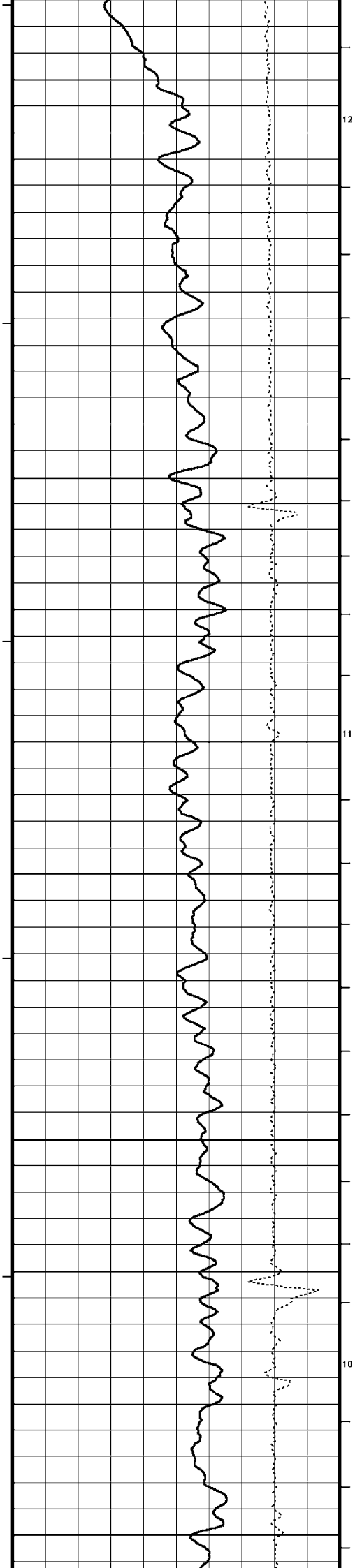




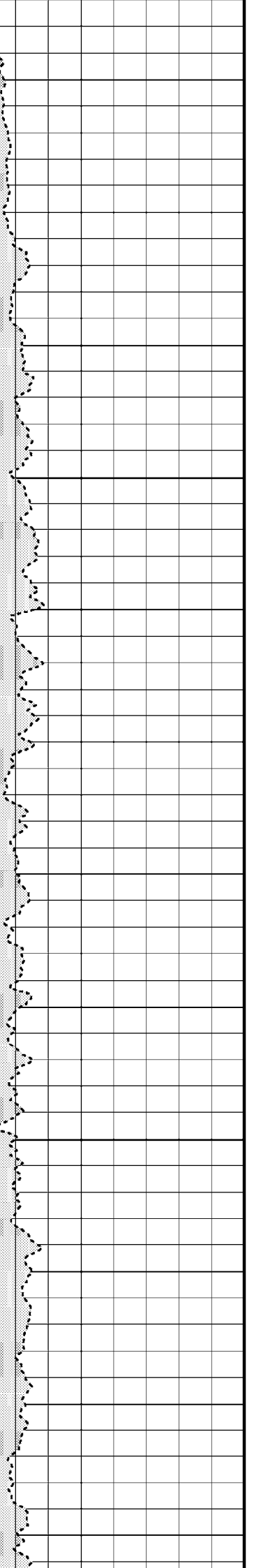
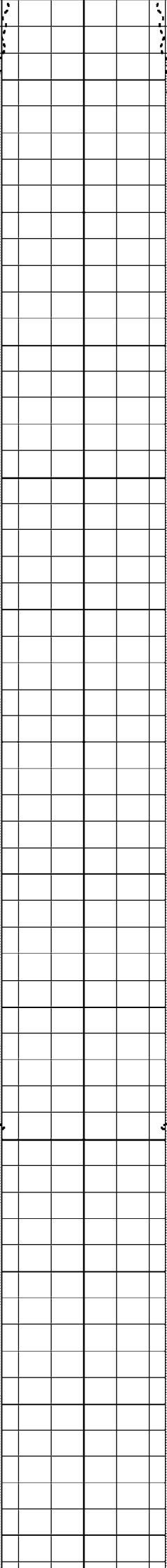
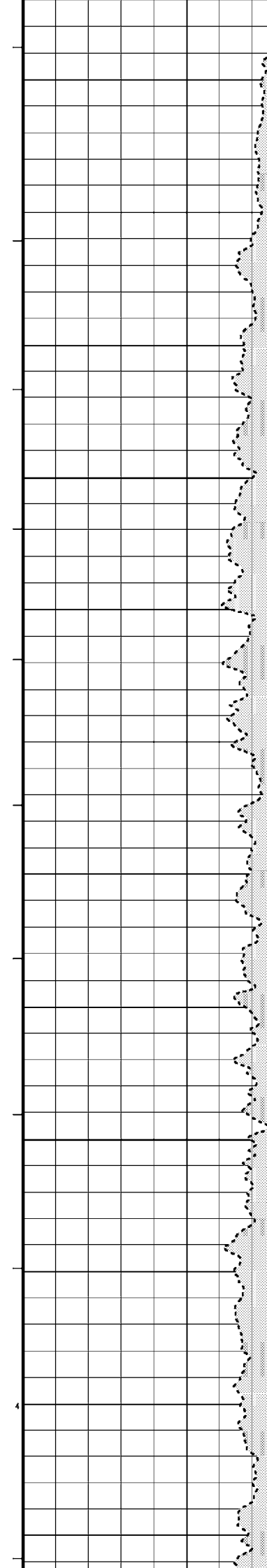




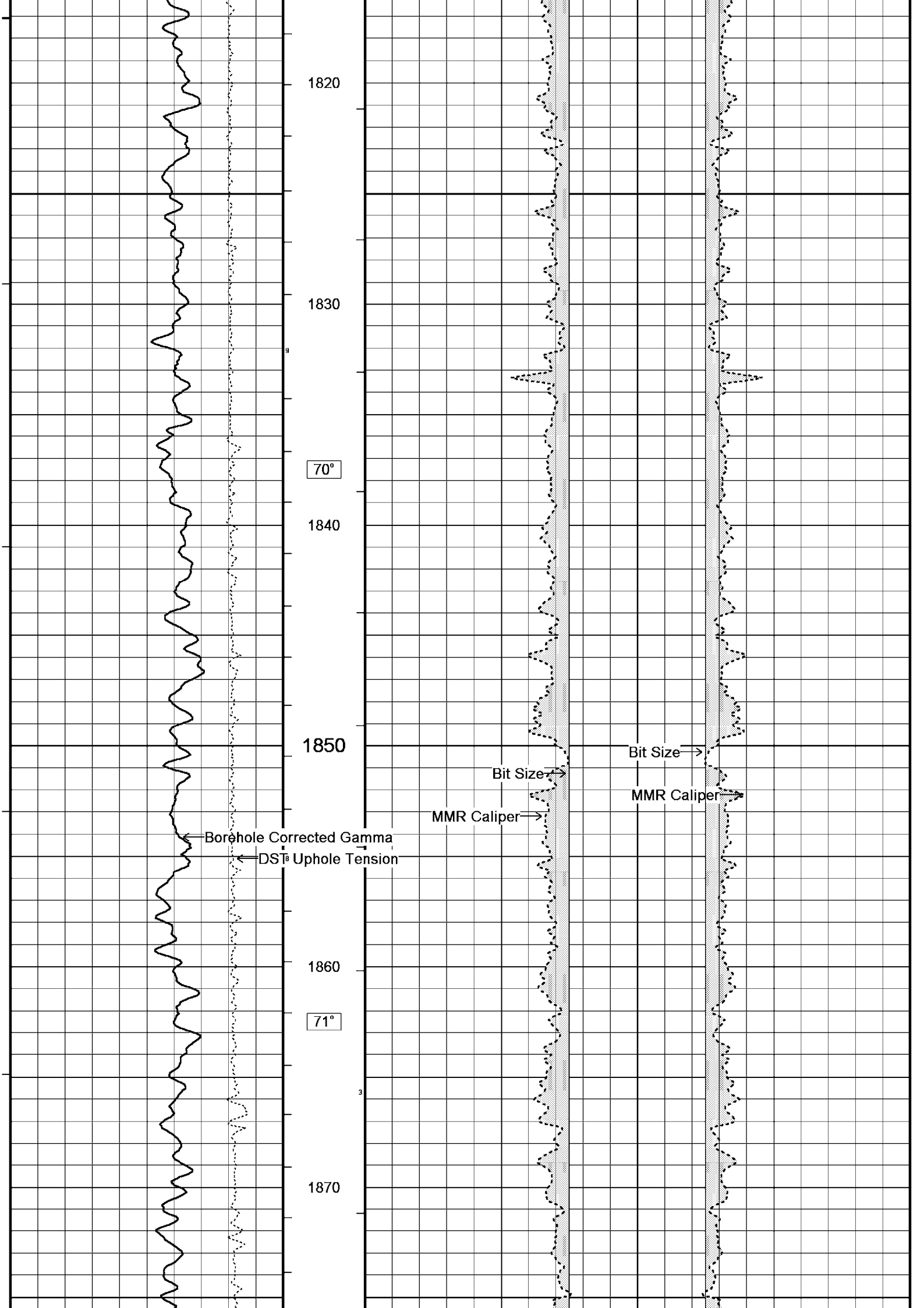


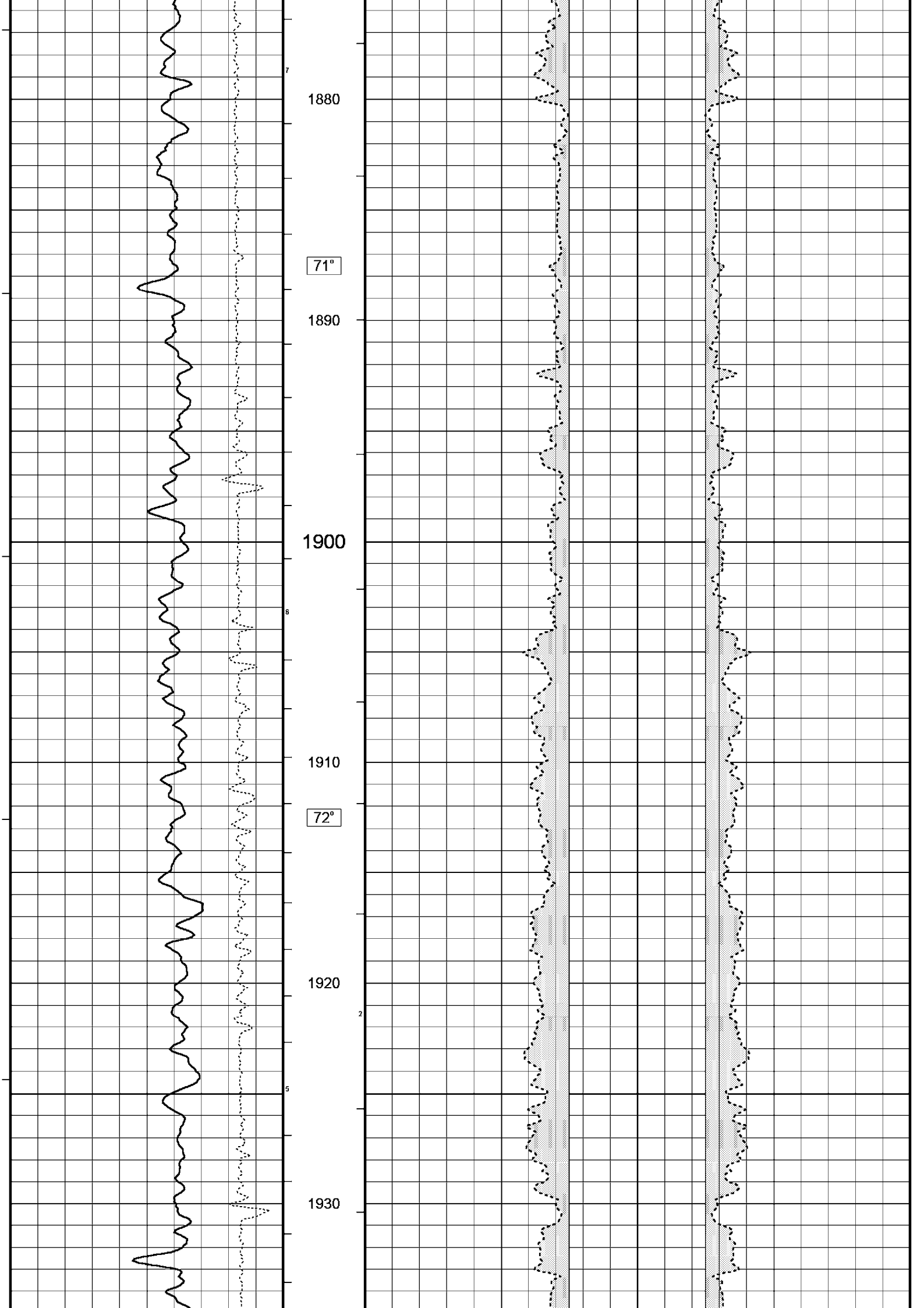


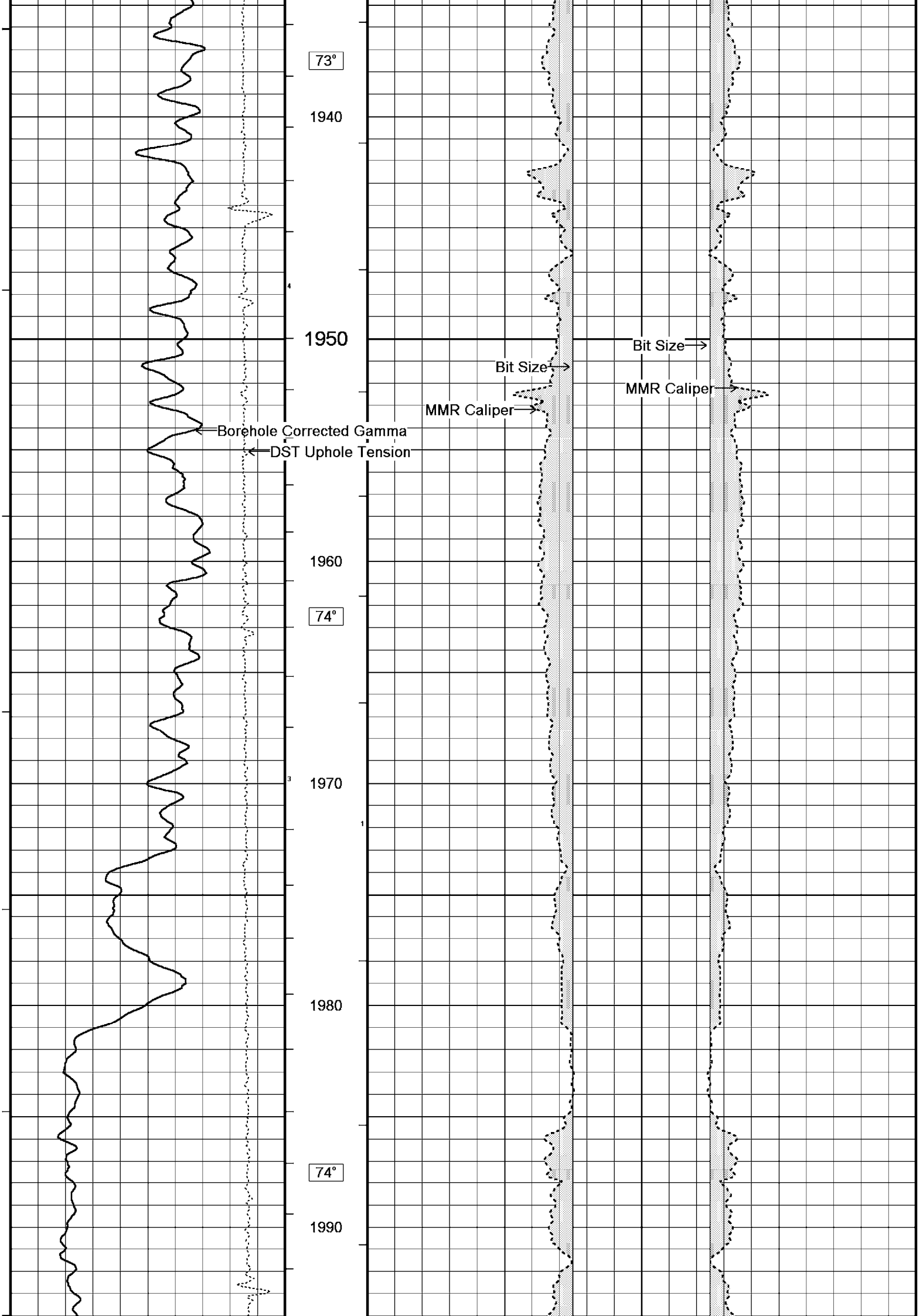
1760  
12  
68°  
1770  
1780  
11  
69°  
1790  
1800  
1810  
10  
69°

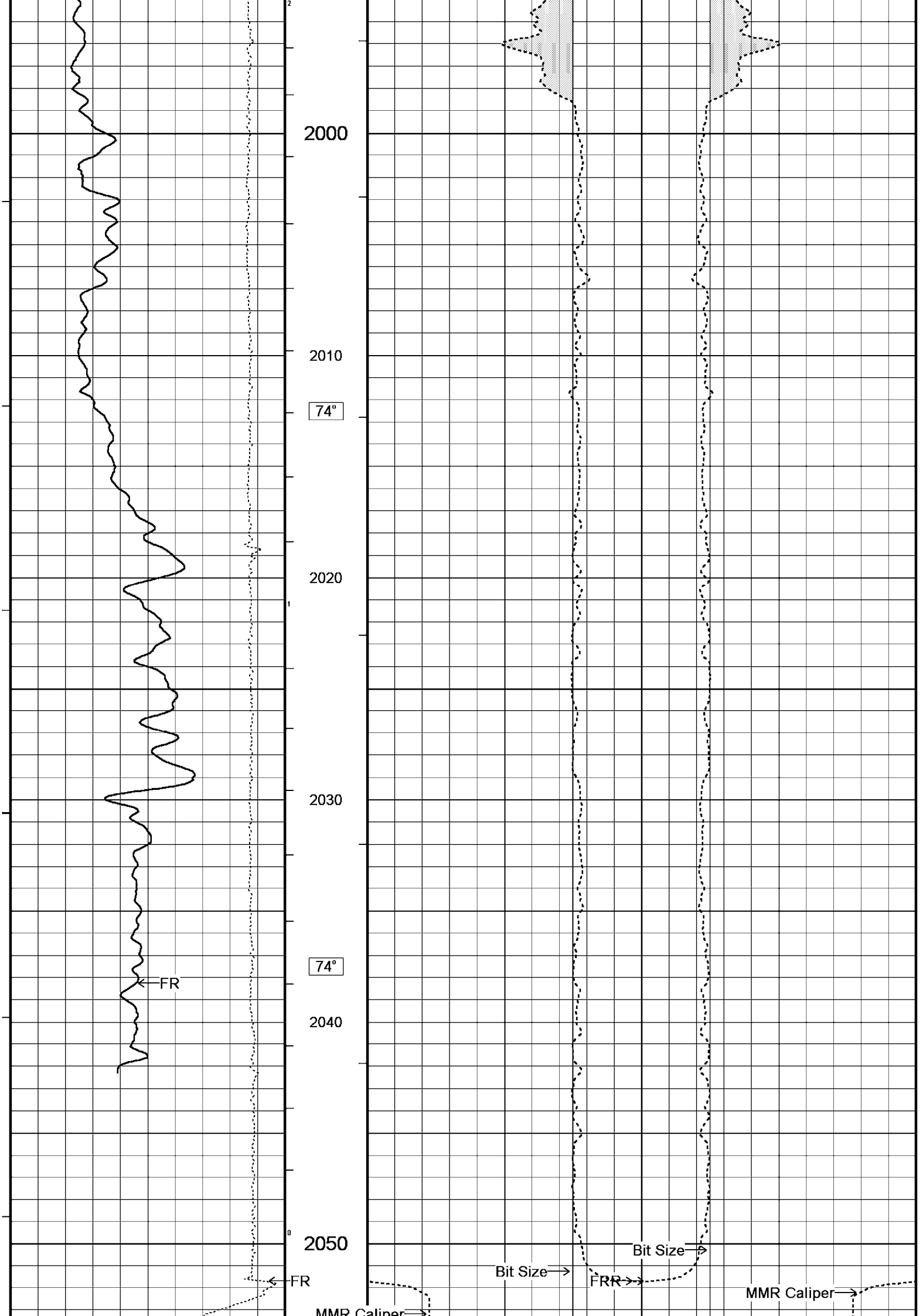


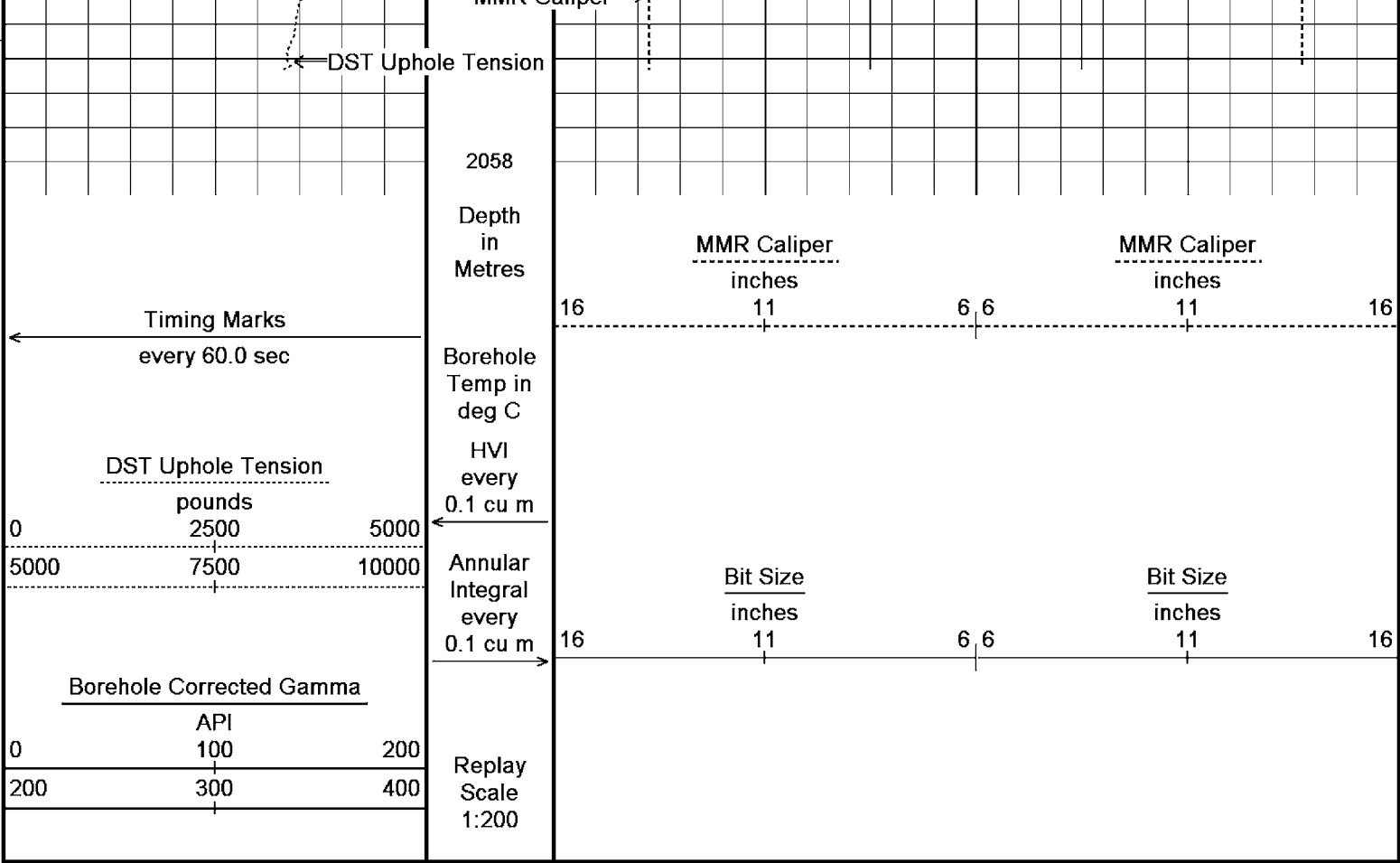












Depth Based Data - Maximum Sampling Increment 10.0cm

Filename: D:\ORIGIN\Peterborough\_1\DPK\MAIN\_BU.dta

System Configuration Dates: Logged : Plotted 17-JUN-2004:

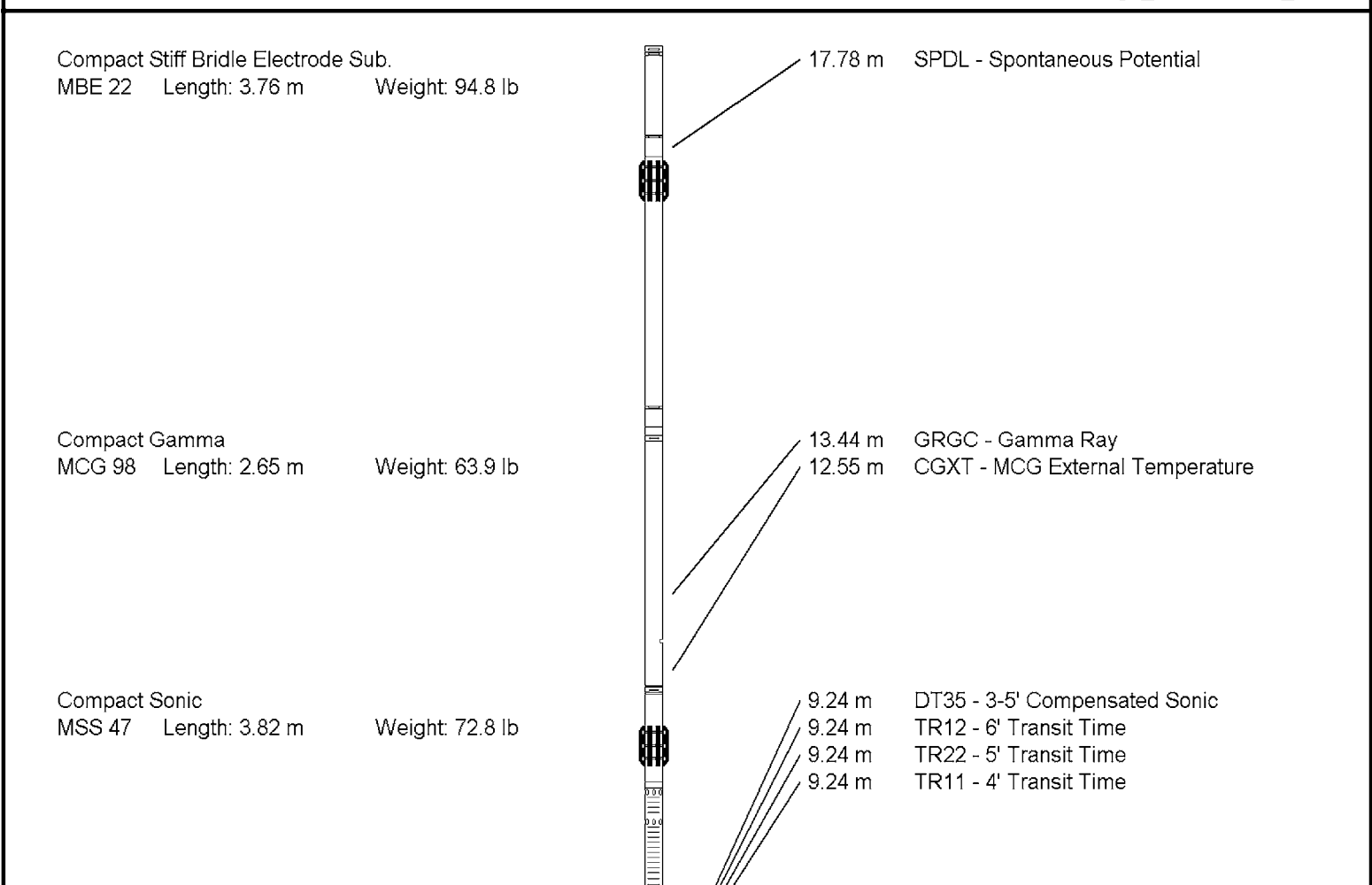
Plotted on 12-SEP-2005 15:31

Recorded on 07-SEP-2005 20:22

MAINLOG 1:200

DOWNHOLE EQUIPMENT

D:\ORIGIN\Peterborough\_1\DPK\MAIN\_BU.dta



Compact Upper Guard Sub.  
MUG 20 Length: 2.74 m

Weight: 68.3 lb

9.24 m

TR21 - 3' Transit Time

Compact Laterolog Electrode Sub.  
MLE 16 Length: 3.76 m

Weight: 92.6 lb

3.93 m

DDLL - Deep Laterolog

3.93 m

DSLL - Shallow Laterolog

Compact Micro-Resistivity  
MMR 5 Length: 2.62 m

Weight: 81.6 lb

0.00 m

MRRS - MicroRes Resistance (S)

0.00 m

MATC - MMR Caliper

0.00 m

HVOL - Hole Volume

0.00 m

AVOL - Annular Volume

Tool Zero

(0.85m from bottom)

Pressure Bung + Hole Finder  
HFS 3 Length: 0.28 m

Weight: 6.6 lb

All measurements relative to tool zero.

Total Length: 19.62 m

Weight: 480.6 lb

COMPANY

ORIGIN ENERGY LIMITED

WELL

PETERBOROUGH - 1ST1

FIELD

OTWAY BASIN

PROVINCE/COUNTY

VICTORIA

COUNTRY/STATE

AUSTRALIA

Elevation Kelly Bushing 14.95

metres

First Reading

2051.70

metres

Elevation Drill Floor

metres

Depth Driller

2070.00

metres

Elevation Ground Level

9.65

metres

Depth Logger

2052.55

metres



CEMENT LOG

1:200