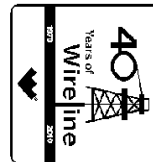




**Weatherford**

**HOLE VOLUME  
CALIPER  
LOG**

COMPANY **BILL BARRETT CORPORATION**  
WELL **CB-TG LAND 11B-20-692**  
FIELD **MAMM CREEK**  
PROVINCE/COUNTY **GARFIELD**  
COUNTRY/STATE **U.S.A. / COLORADO**  
LOCATION **SHL: 674' FNL & 2568' FEL**  
**BHL: 753' FNL & 660 FWL**



SEC **20** TWP **6S** RGE **92W** Other Services  
MPD/MDN  
MAI/MFE

Permit Number  
Permanent Datum G.L., Elevation 5530 feet  
Log Measured From K.B. @ 23FEET above Permanent Datum  
Drilling Measured From K.B.

Elevations:  
KB 5553.00  
DF 5552.00  
GL 5530.00

Date	11-JUN-2011		
Run Number	ONE		
Depth Driller	8090.00	feet	
Depth Logger	8085.00	feet	
First Reading	8062.00		
Last Reading	855.00		
Casing Driller	858.00	feet	
Casing Logger	855.00	feet	
Bit Size	7.875	inches	
Hole Fluid Type	LSND		
Density / Viscosity	10.50 lb/USg	51.00 CP	
PH / Fluid Loss	9.80	6.80 ml/30Min	
Sample Source	FLOW LINE		
Rm @ Measured Temp	3.10 @ 93.5	ohm-m	
Rmf @ Measured Temp	2.48 @ 93.5	ohm-m	
Rmc @ Measured Temp	3.72 @ 93.5	ohm-m	
Source Rmf / Rmc	CALC	CALC	
Rm @ BHT	1.54 @191.0	ohm-m	
Time Since Circulation	6 HOURS		
Max Recorded Temp	191.00	deg F	
Equipment Name	COMPACT		
Equipment / Base	13037	RK SPR	
Recorded By	J. PAULSON		
Witnessed By	J. BOYD		

**BOREHOLE RECORD**

Last Edited: 10-JUN-2011 17:28

Bit Size inches	Depth From feet	Depth To feet
8.750	858.00	5751.00
7.875	5751.00	8090.00

**CASING RECORD**

Type	Size inches	Depth From feet	Shoe Depth feet	Weight pounds/ft
SURFACE	9.625	0.00	858.00	36.00

**REMARKS**

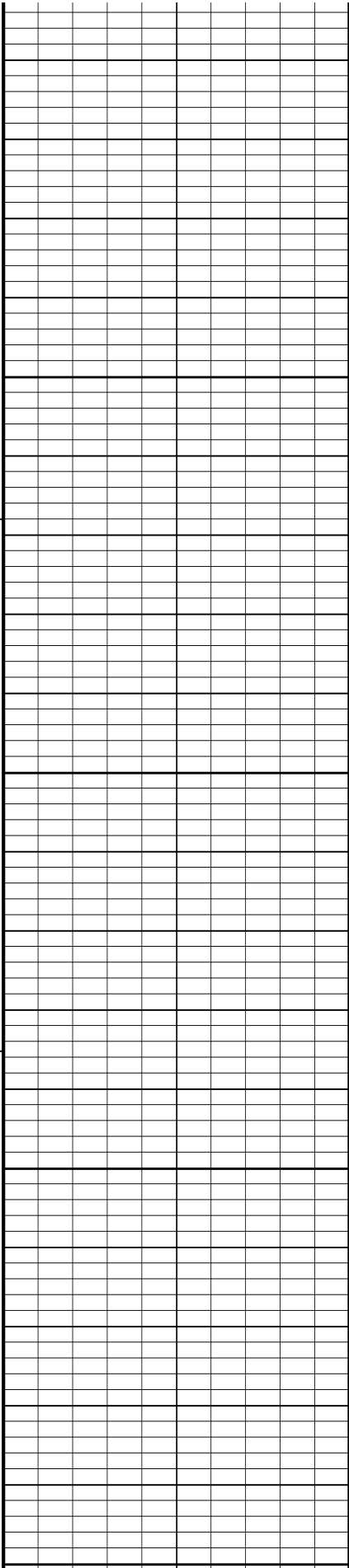
TOOLS: SHA, MCG, MDN, MPD, SKJ, MFE, AND MAI RAN IN COMBINATION

HARDWARE: MPD: (1) 8 INCH PROFILE PLATE  
MAI: (2) 1 INCH STANDOFF  
MFE: (1) 1 INCH STANDOFF  
MDN: (1) DUAL BOWSPRING

2.68 G/CC DENSITY MATRIX USED TO CALCULATE POROSITY.

ALL INTERVALS LOGGED AND SCALED PER CUSTOMER'S REQUEST



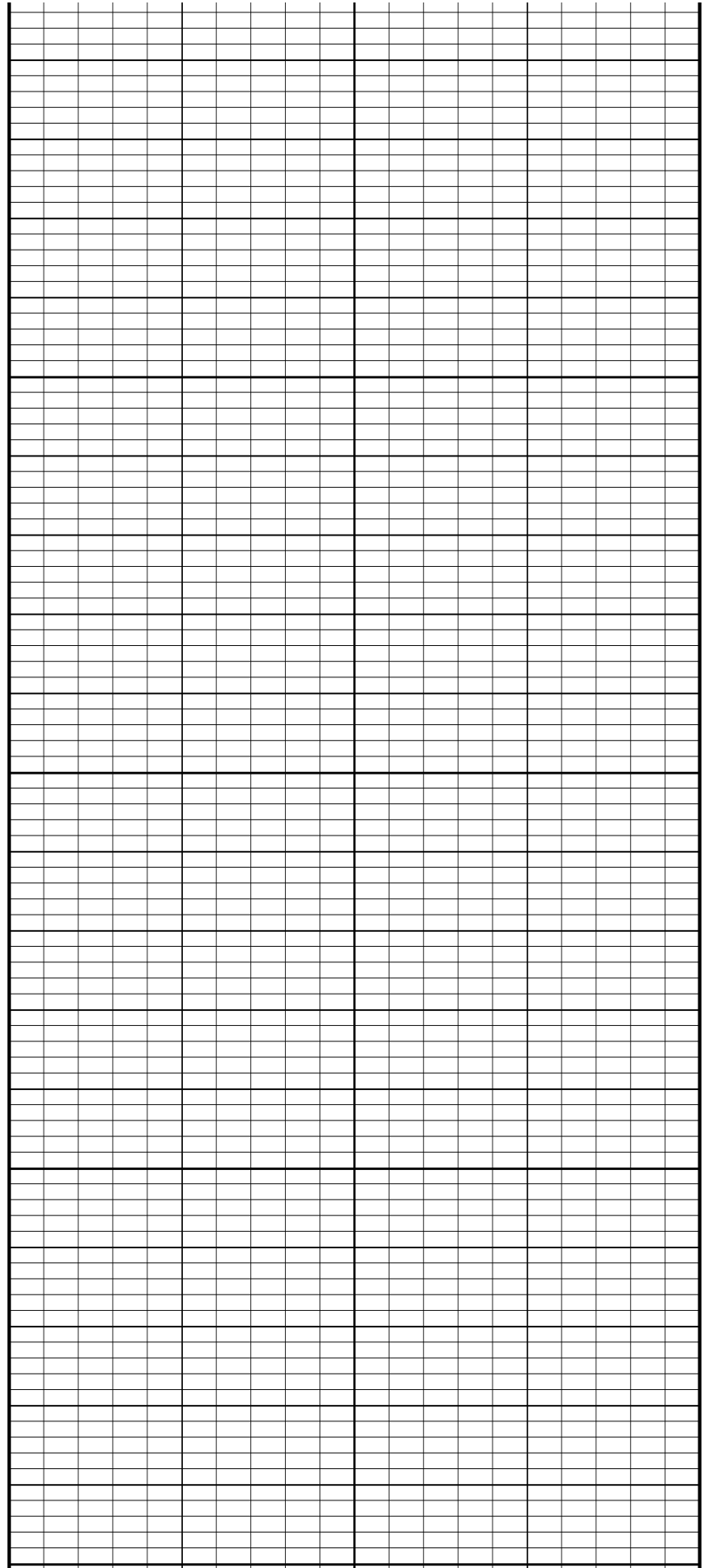


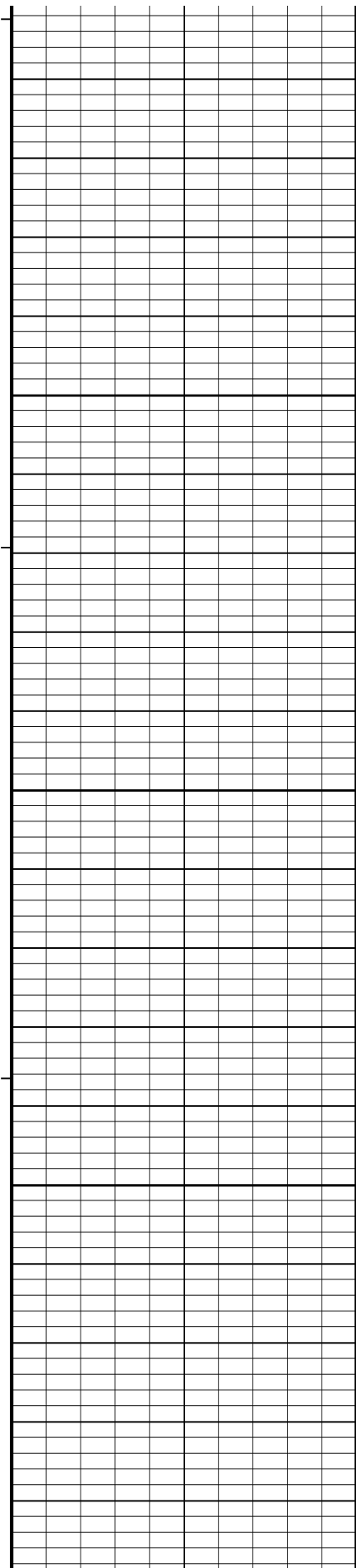
50

100

150

200



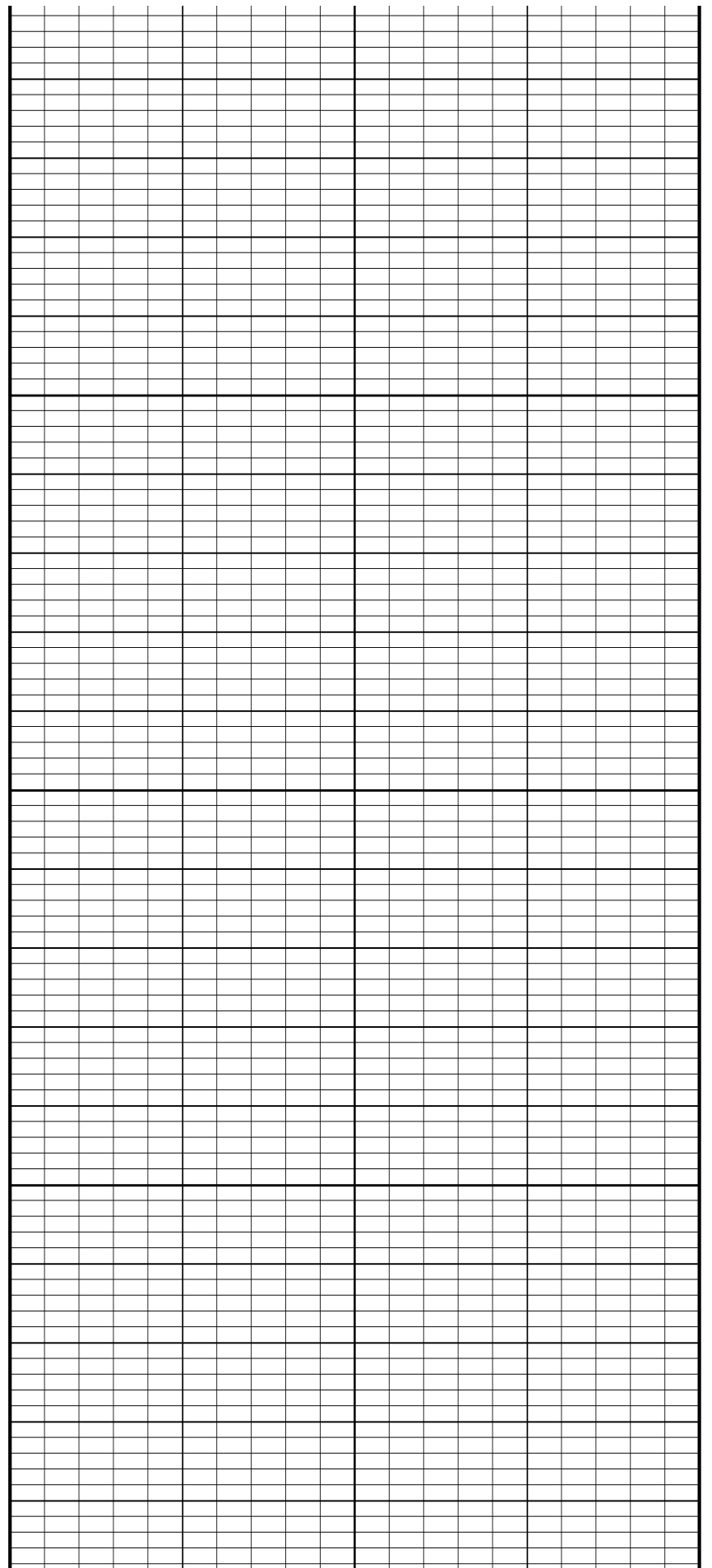


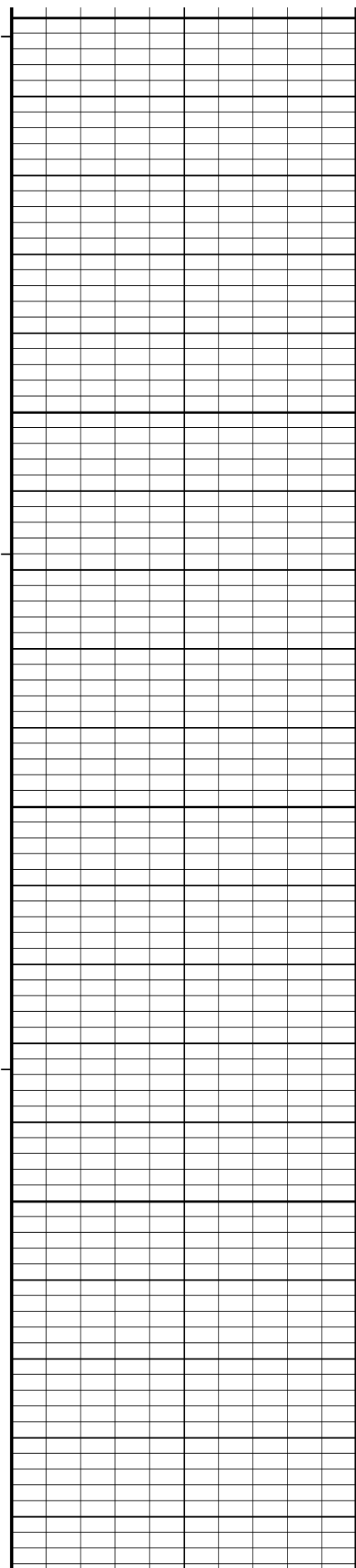
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250

300

350



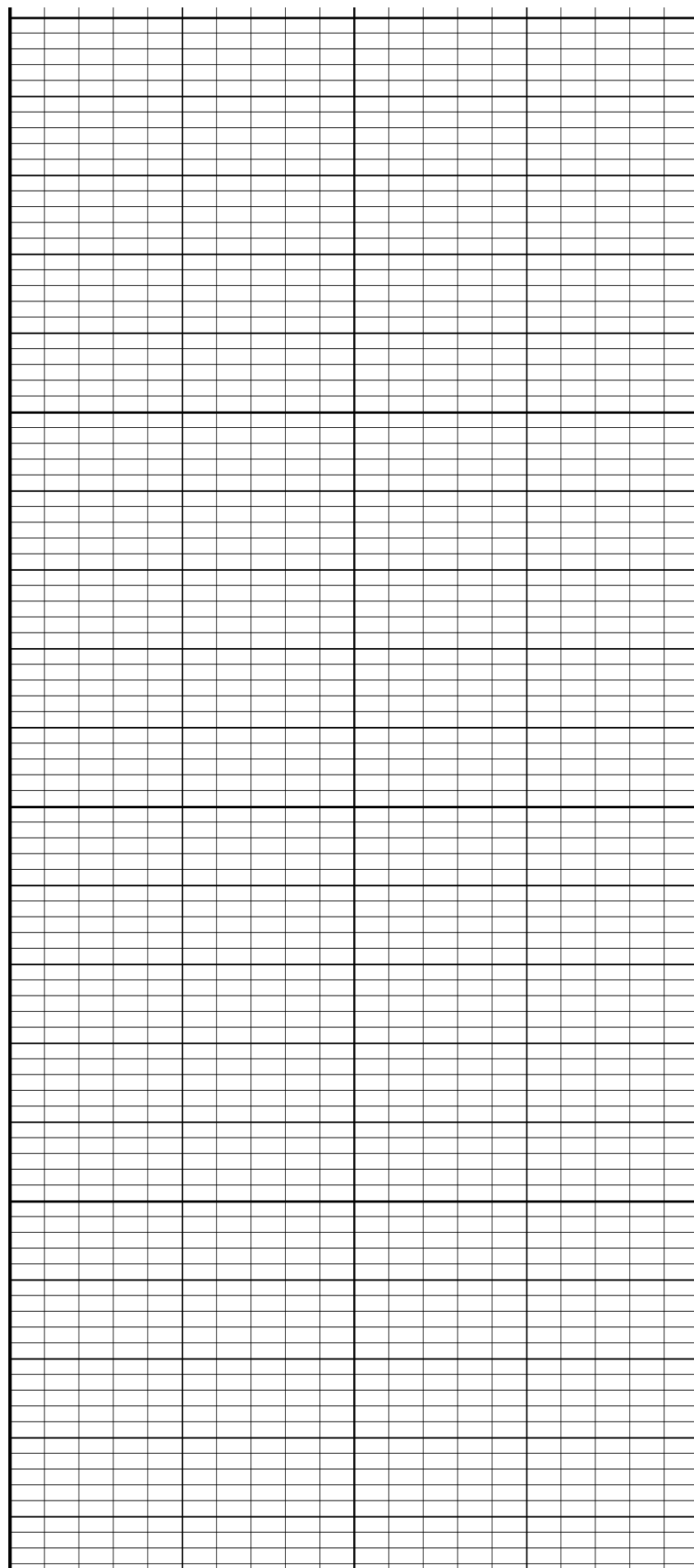


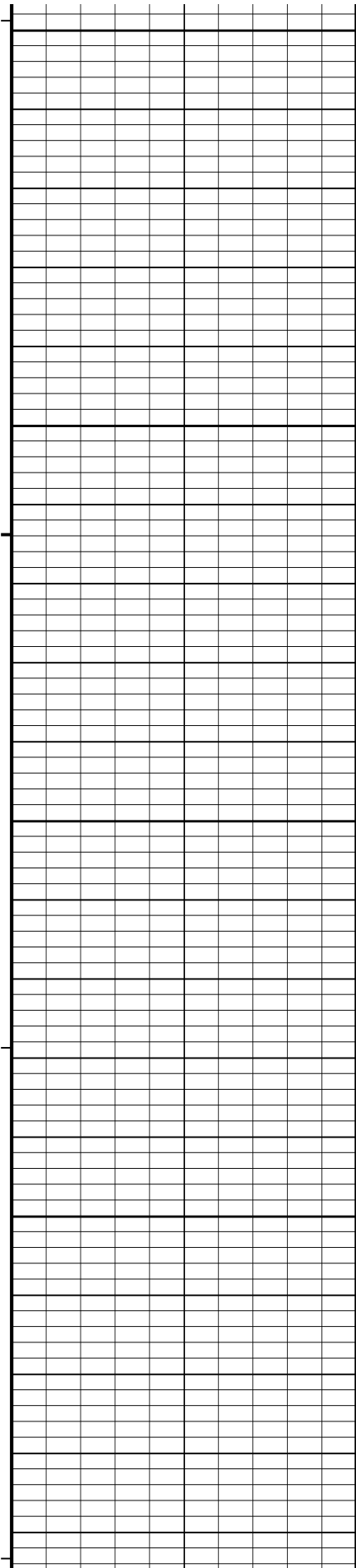
400

450

500

550



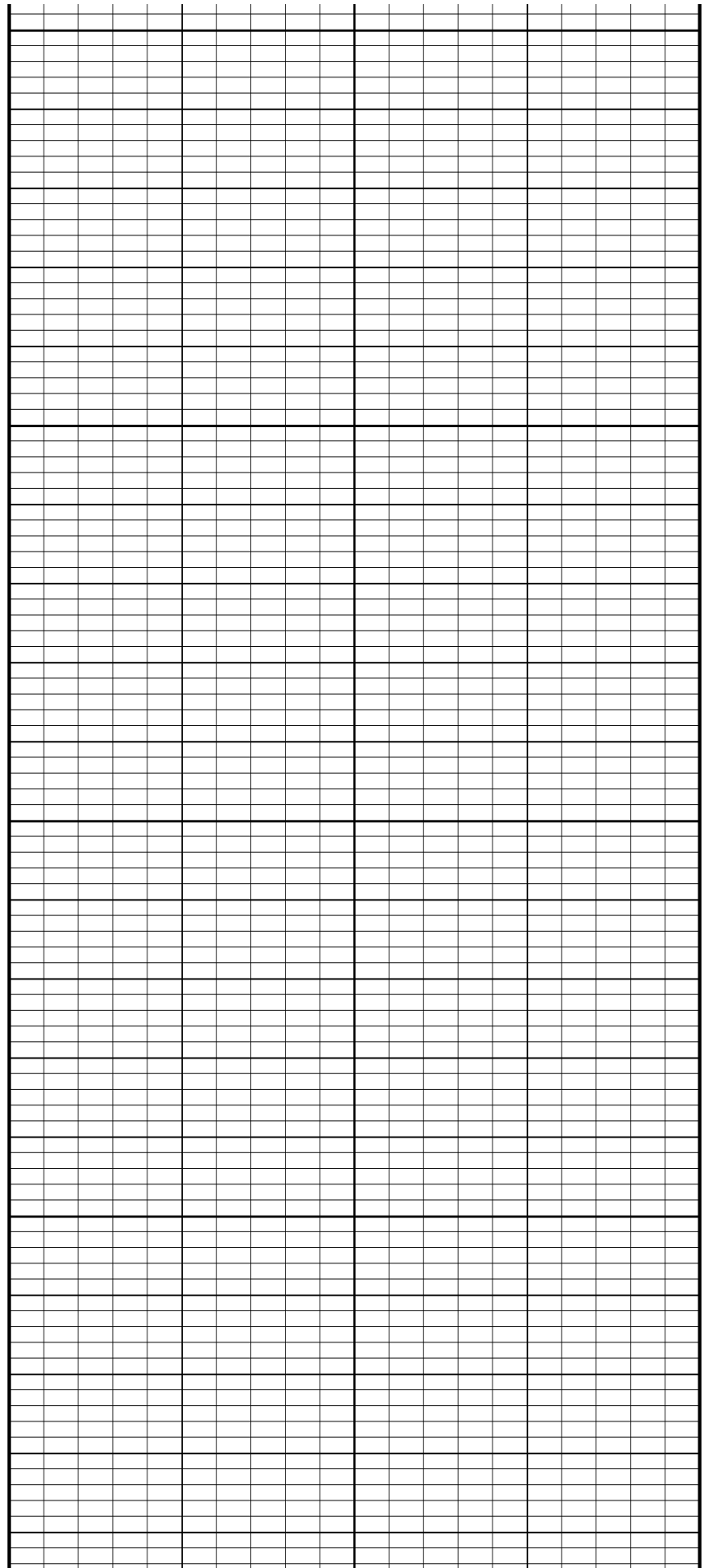


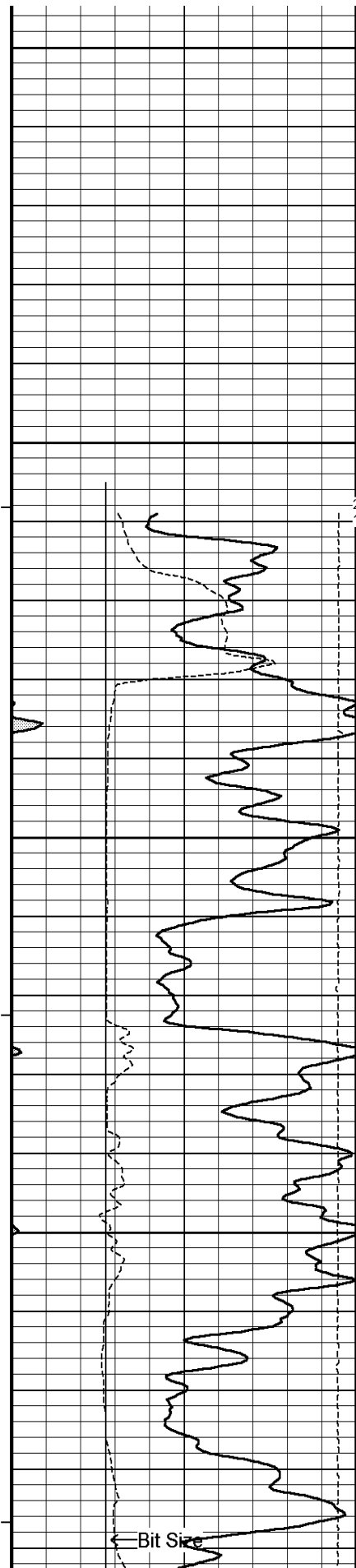
600

650

700

750





800

C850g  
Shoe

101°

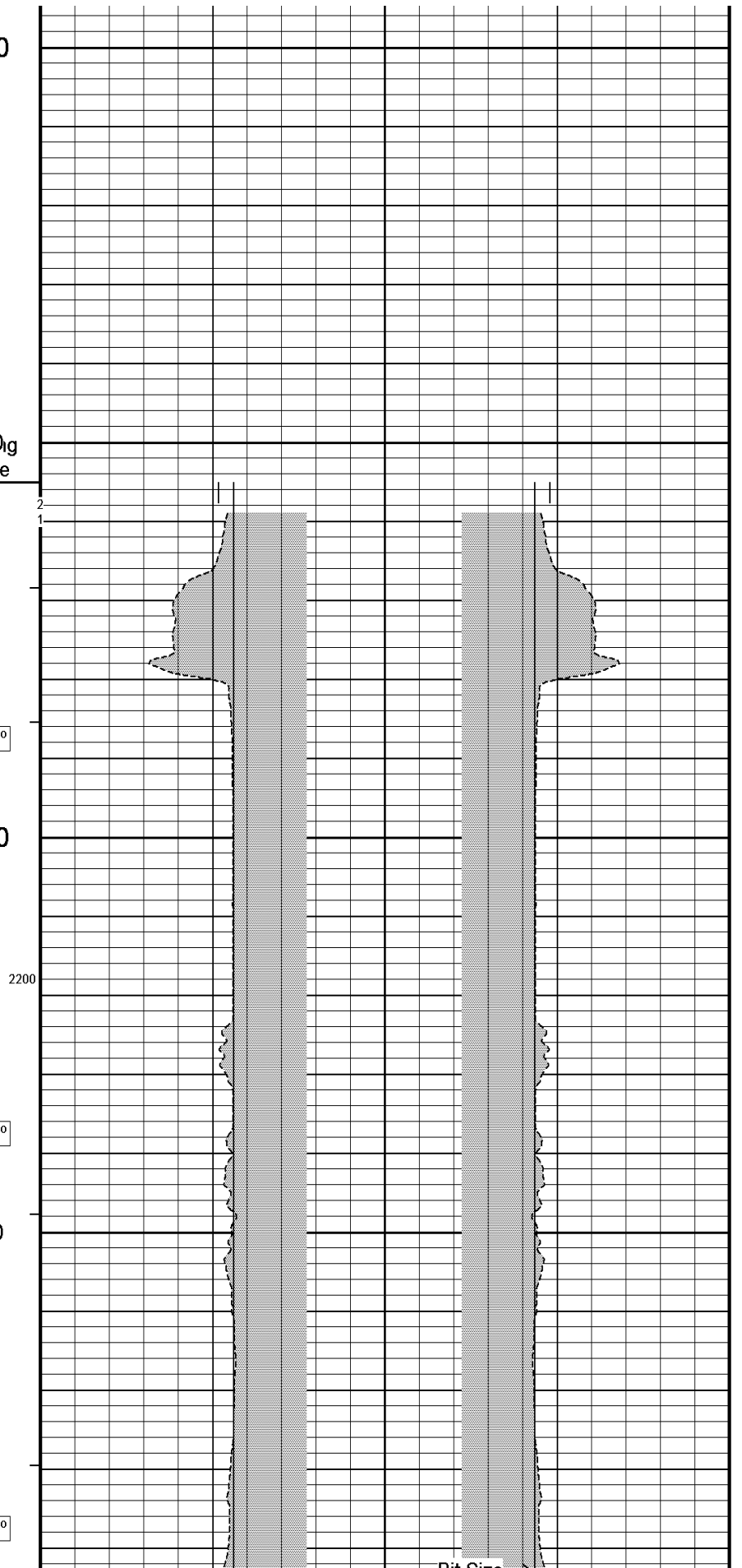
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101°

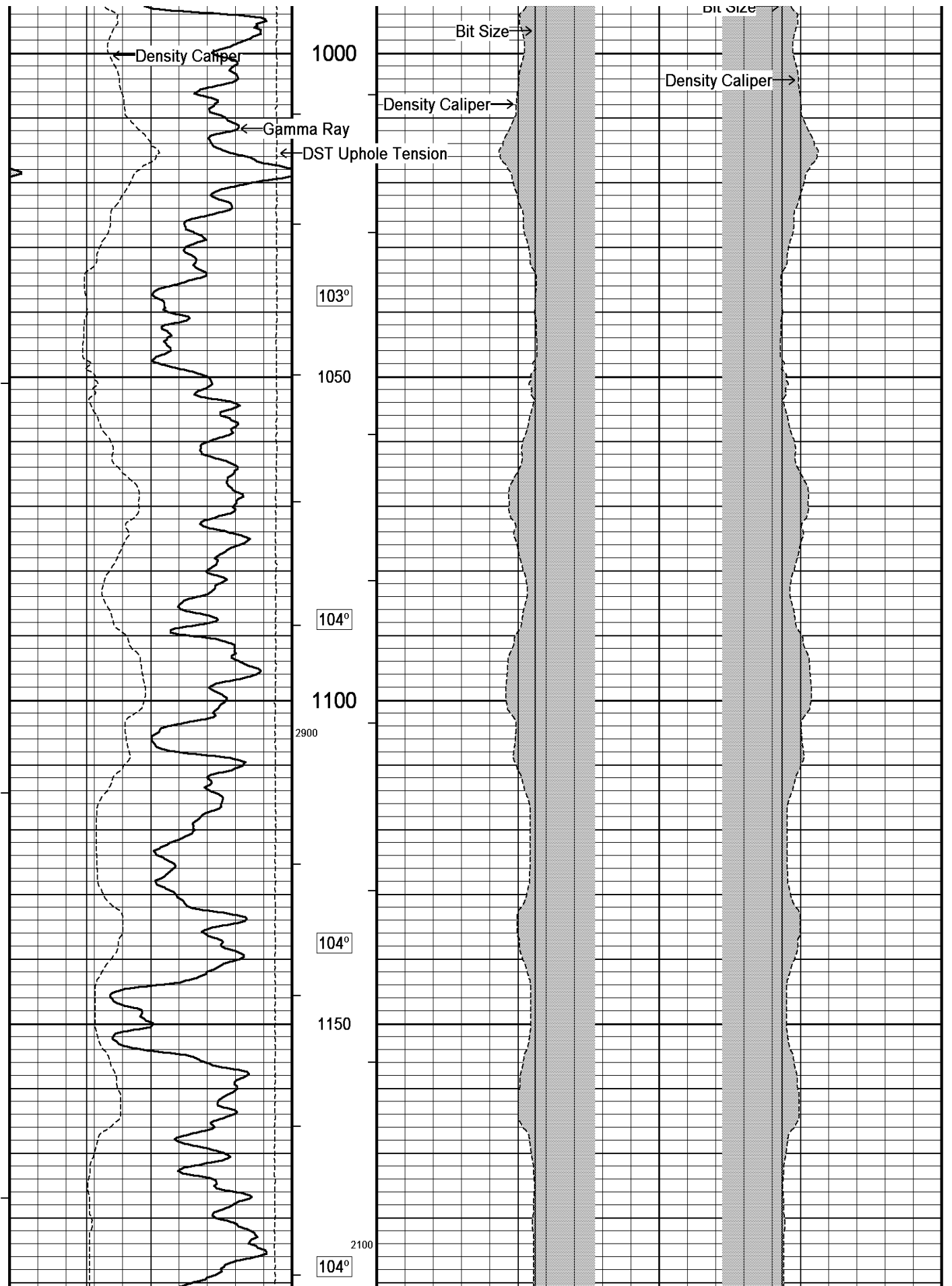
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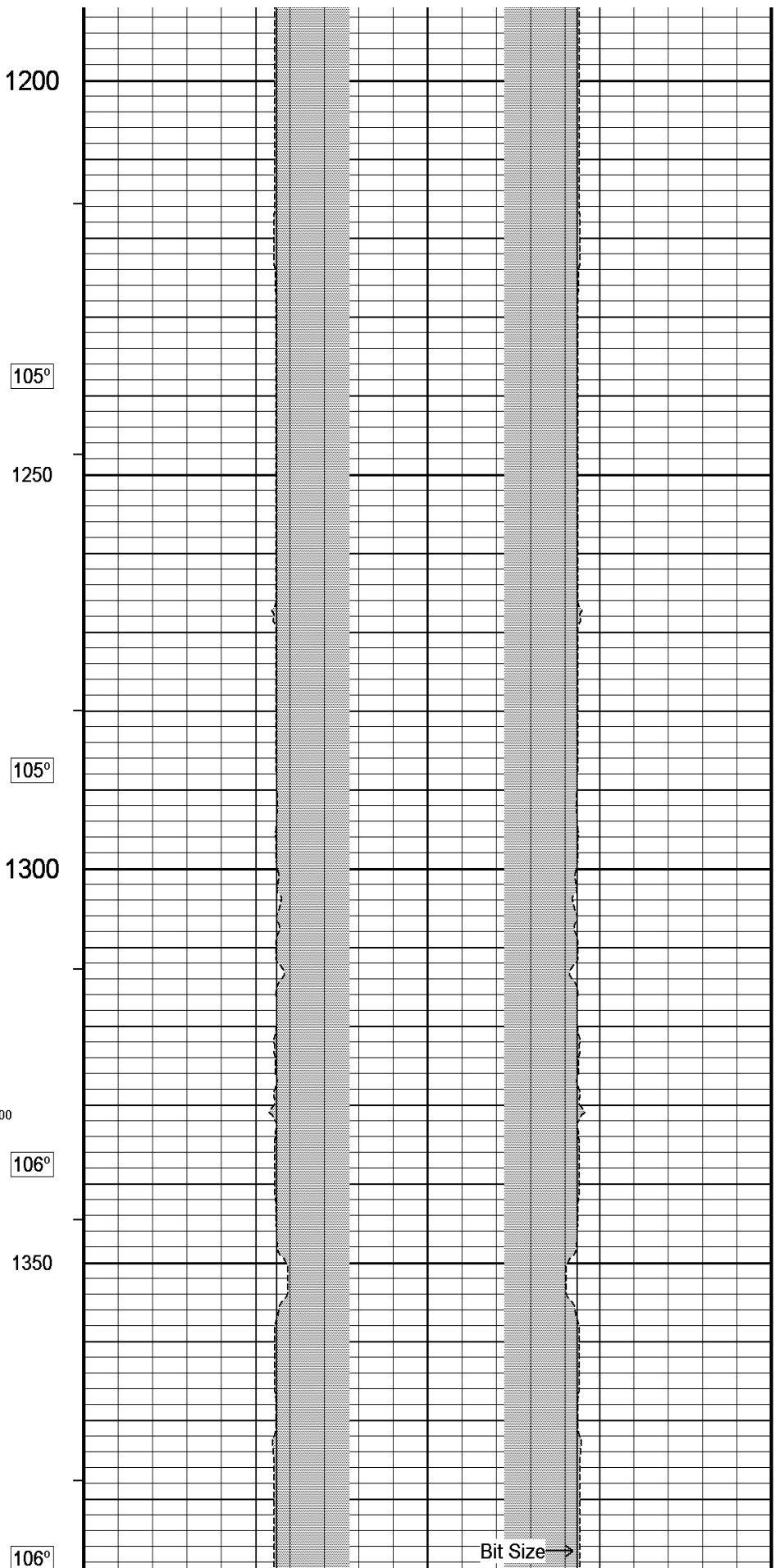
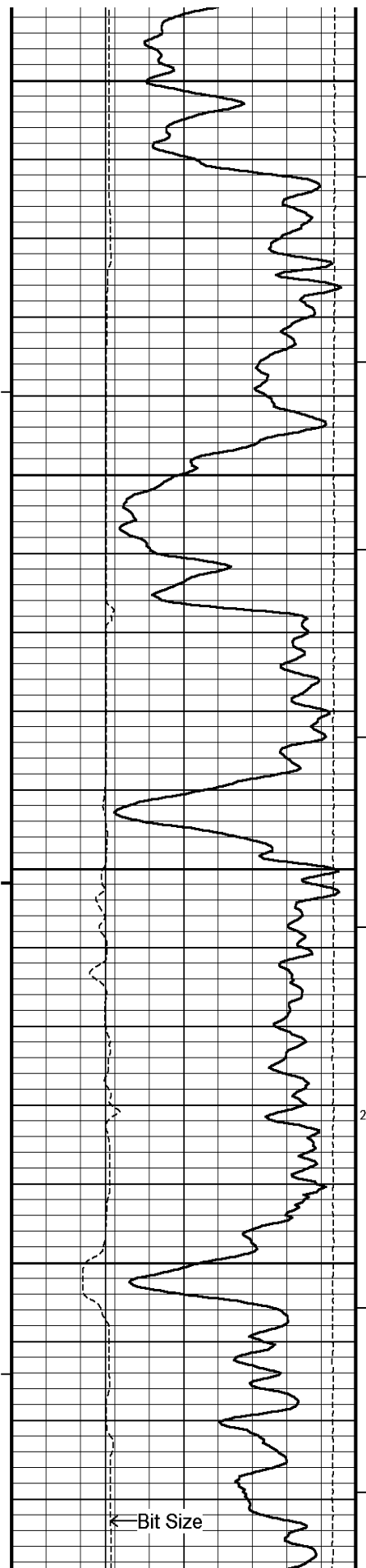
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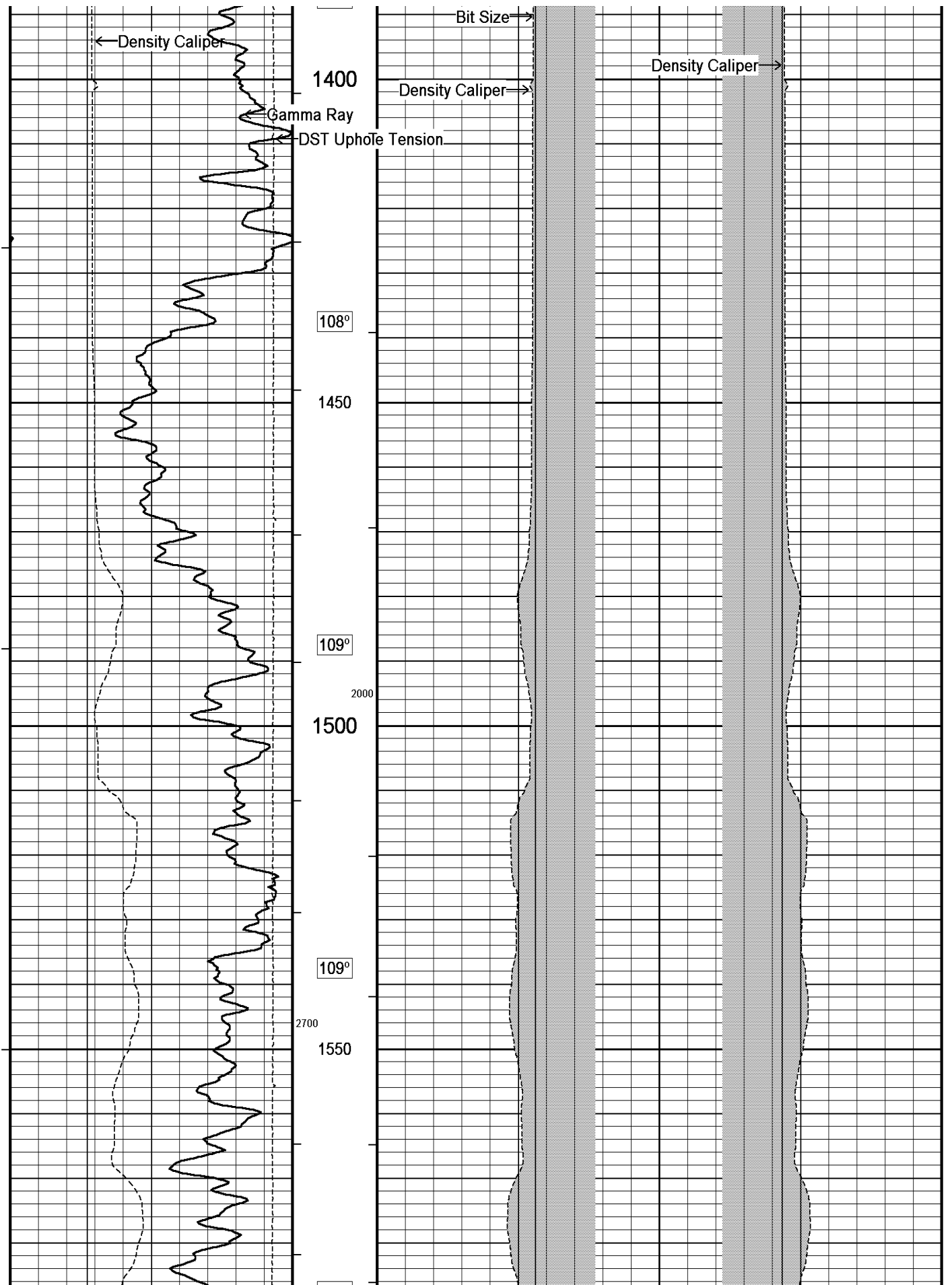
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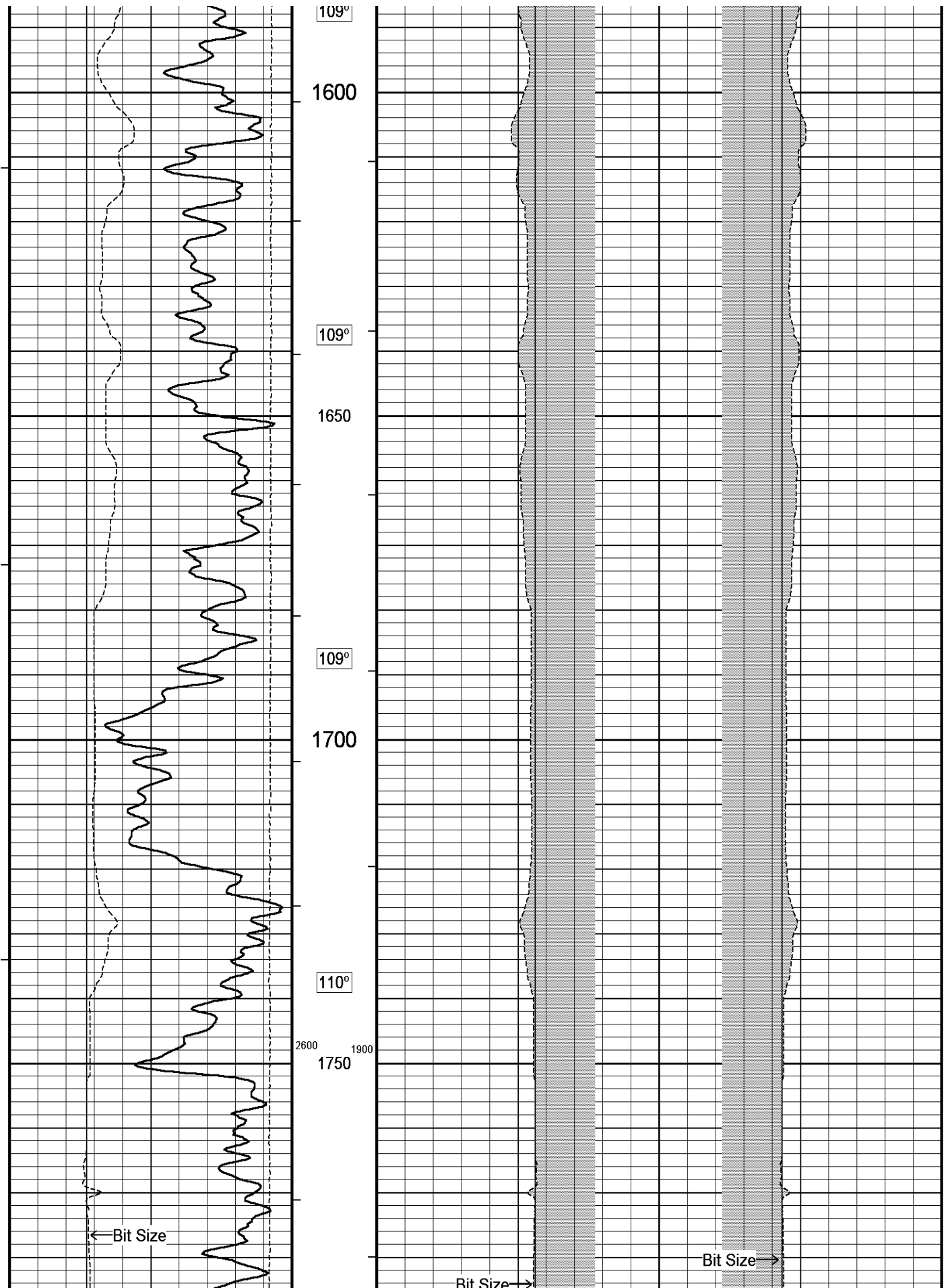


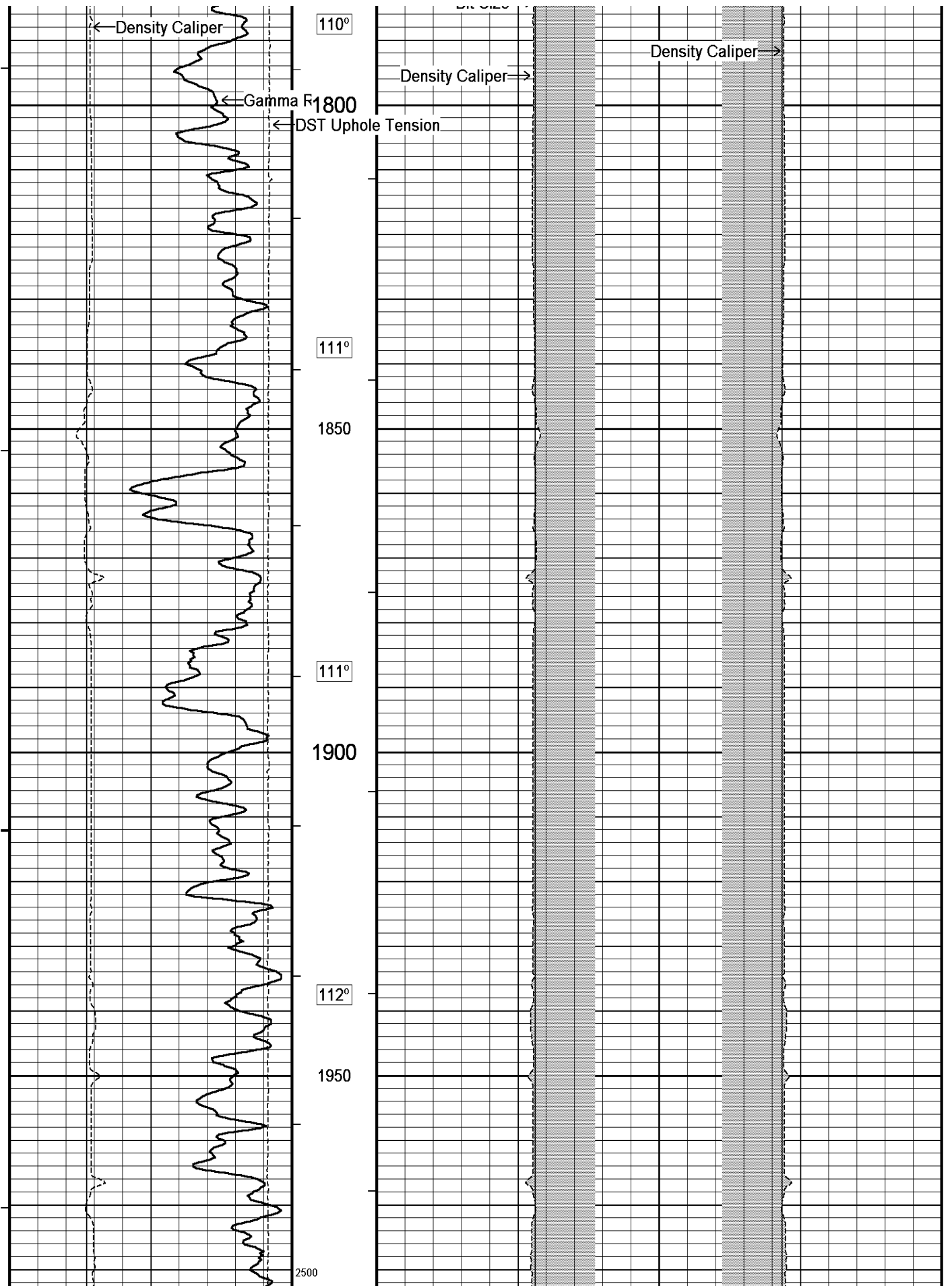
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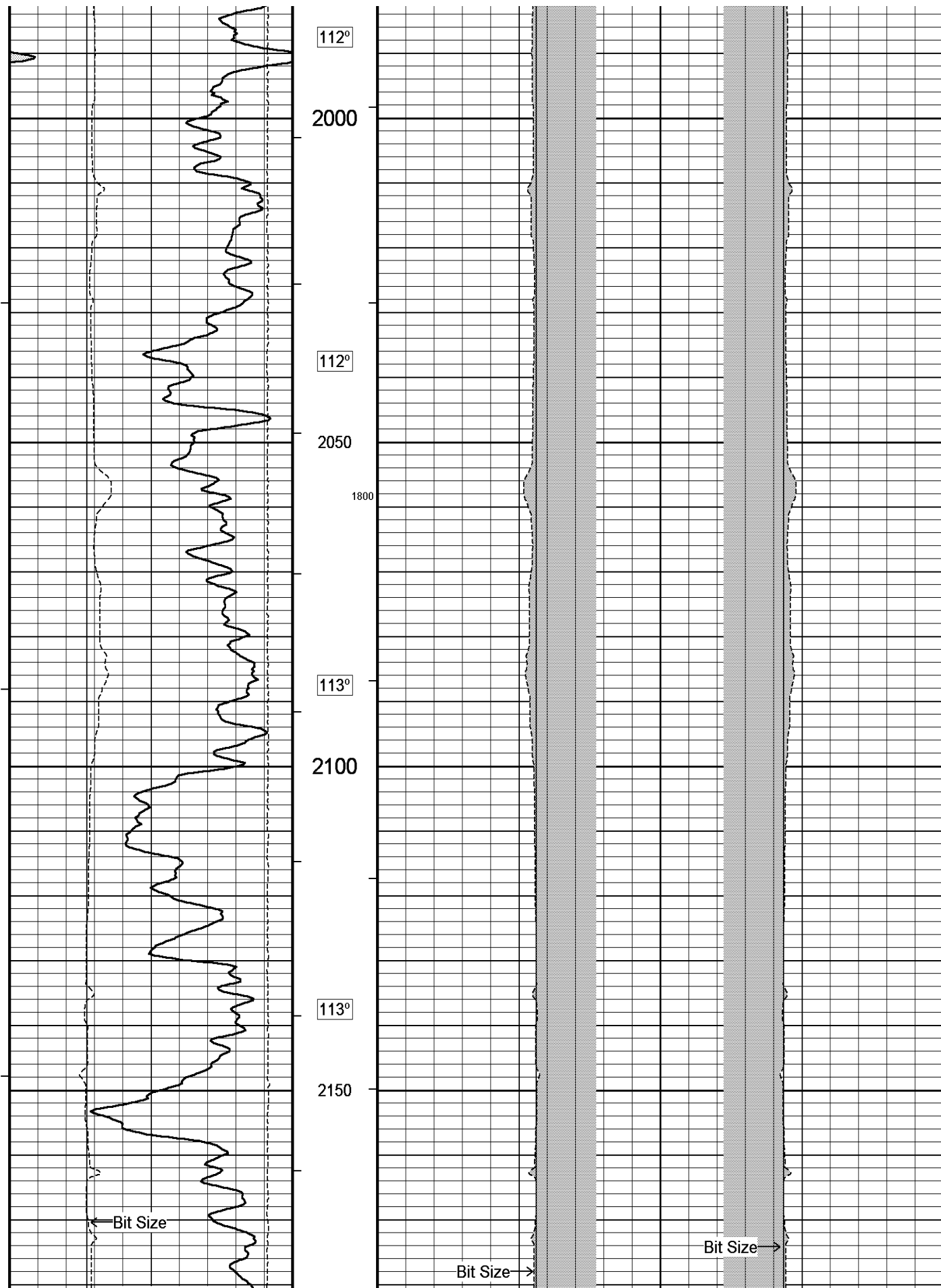


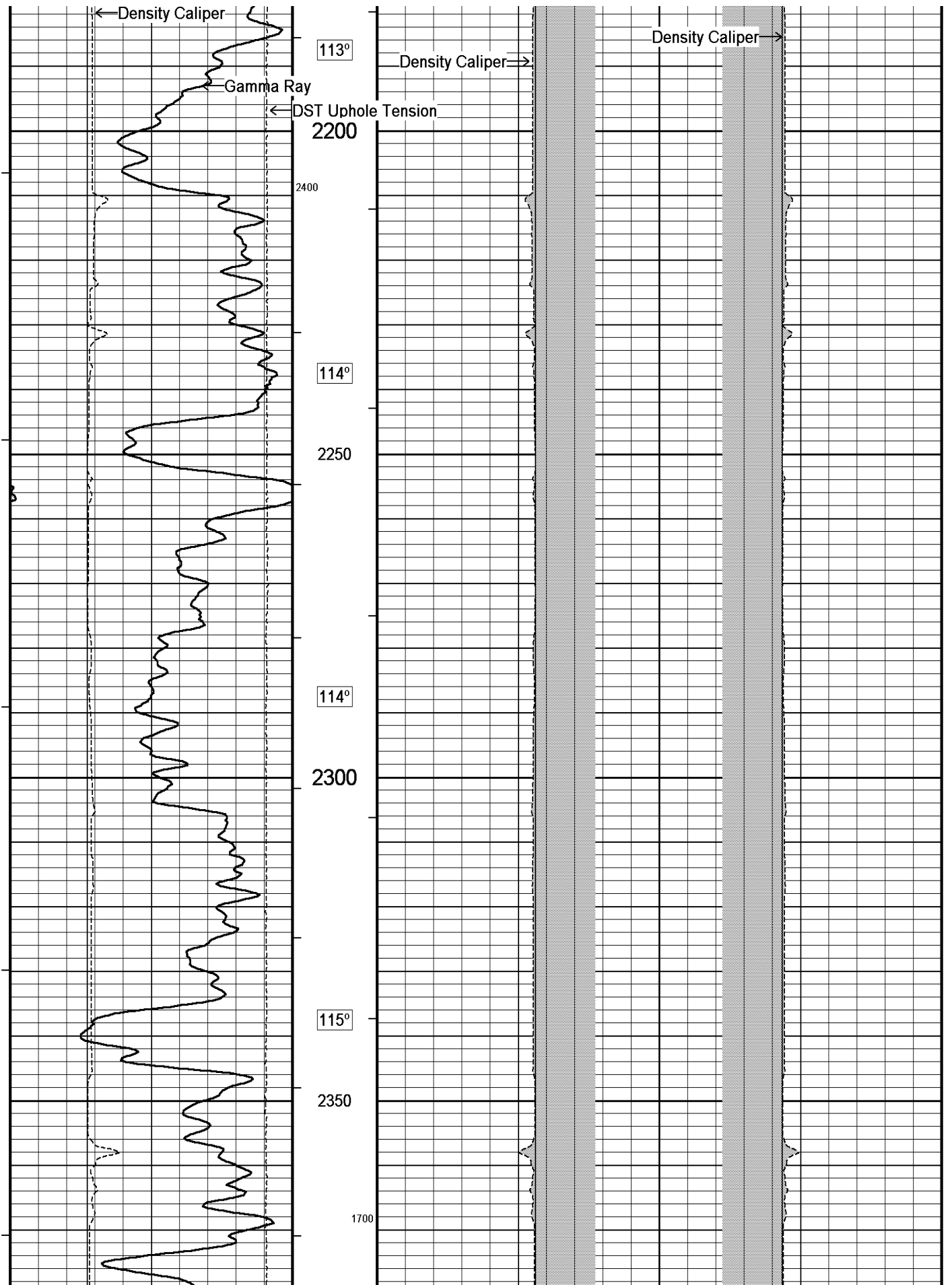


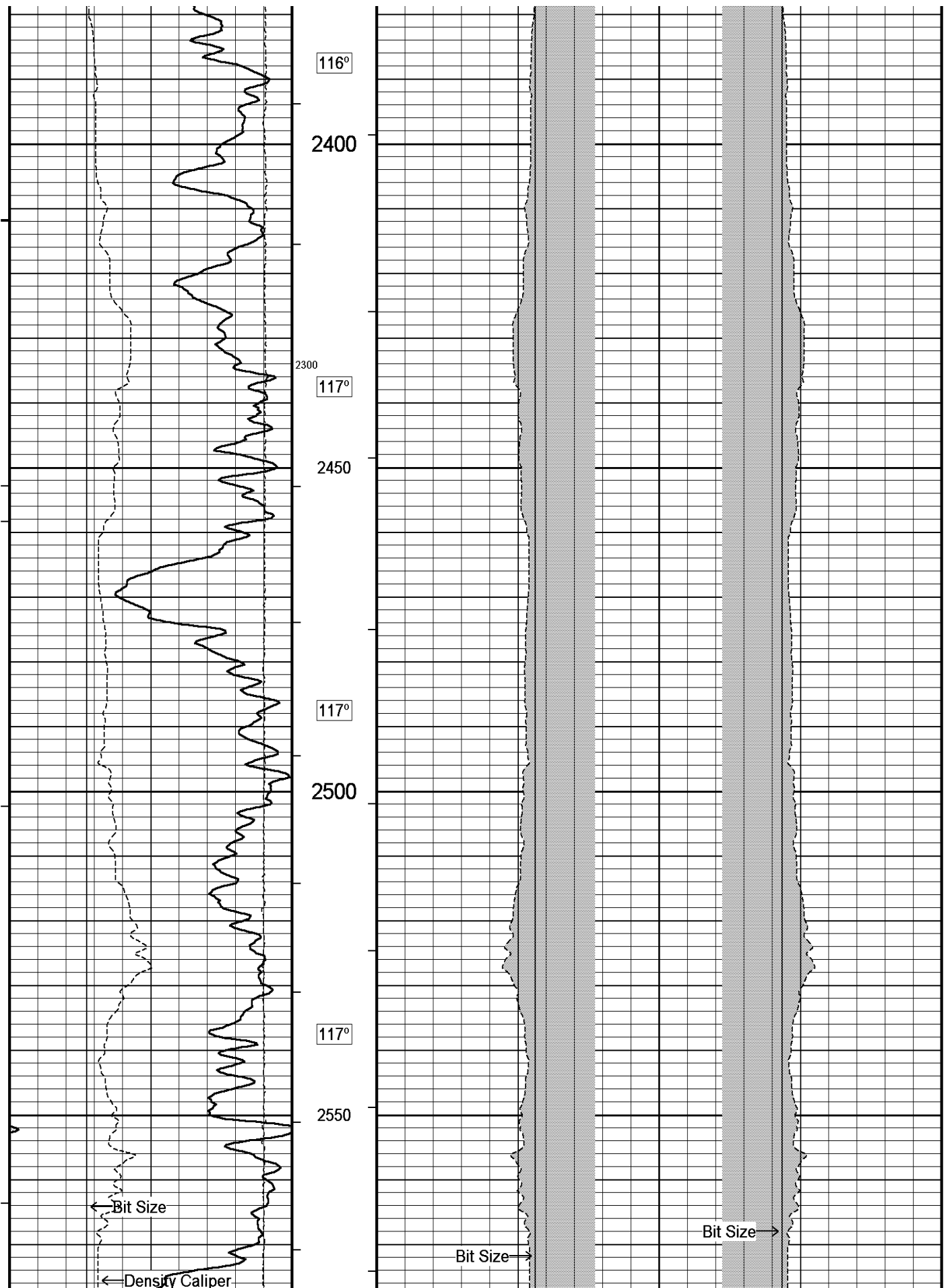


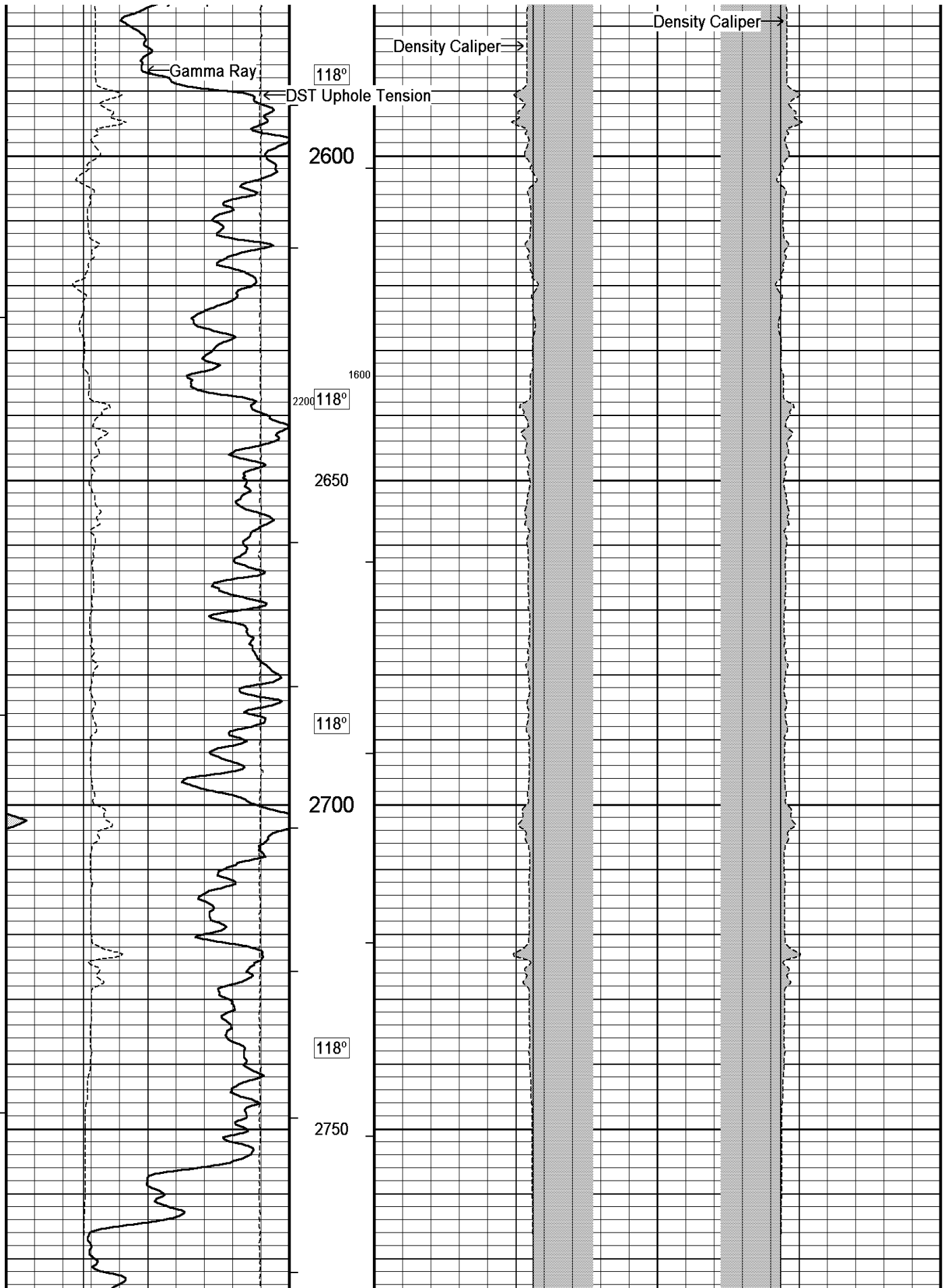


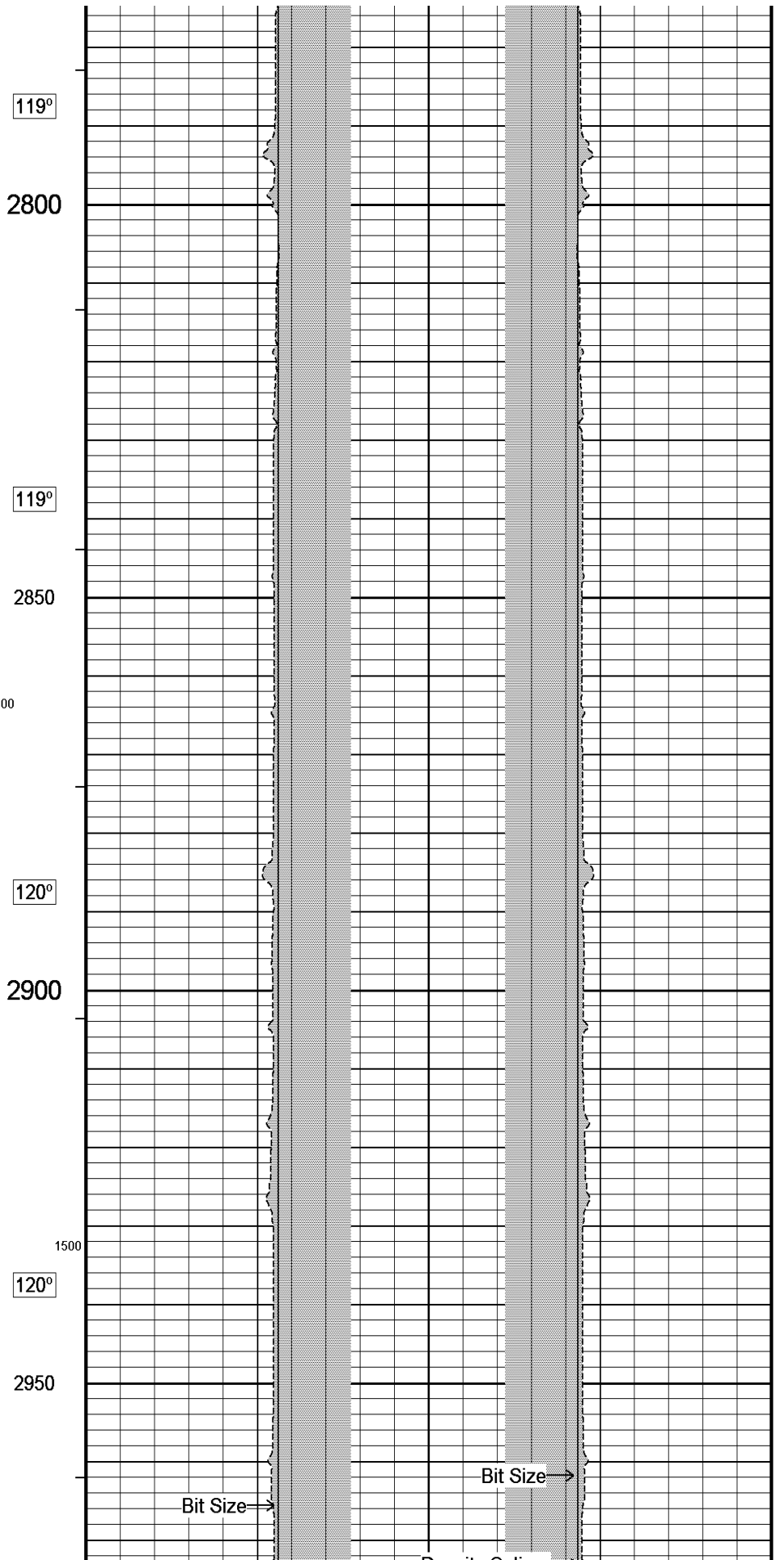
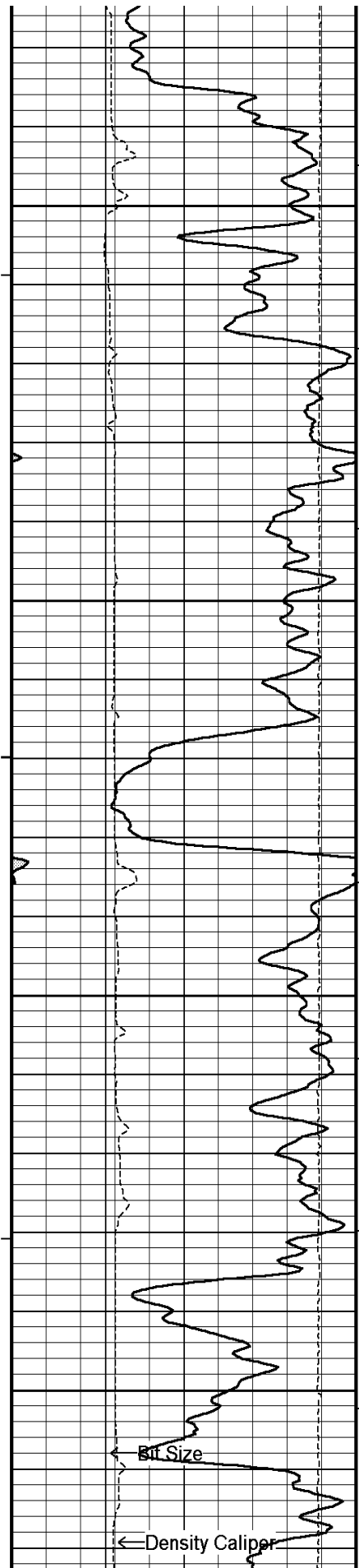


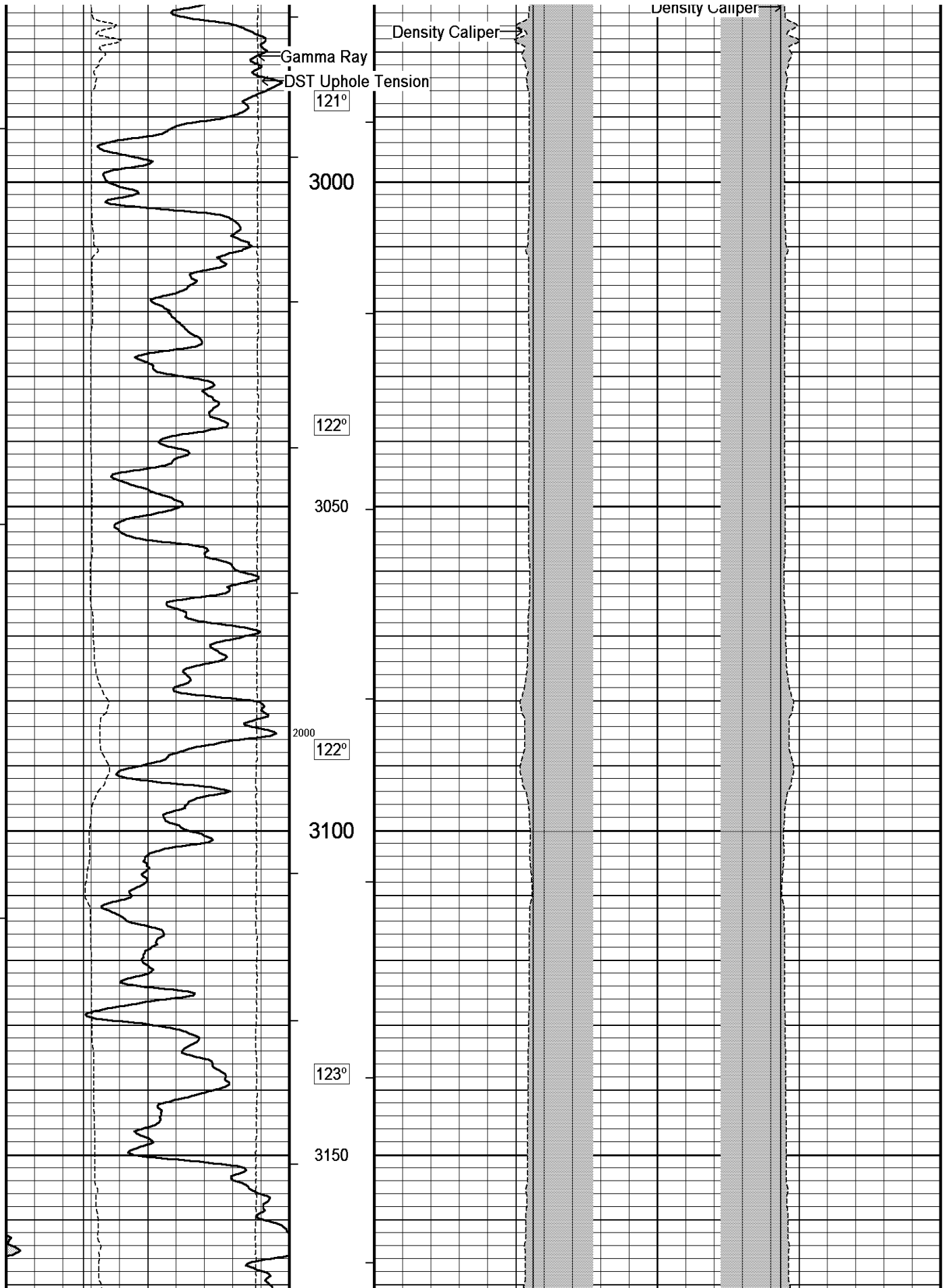


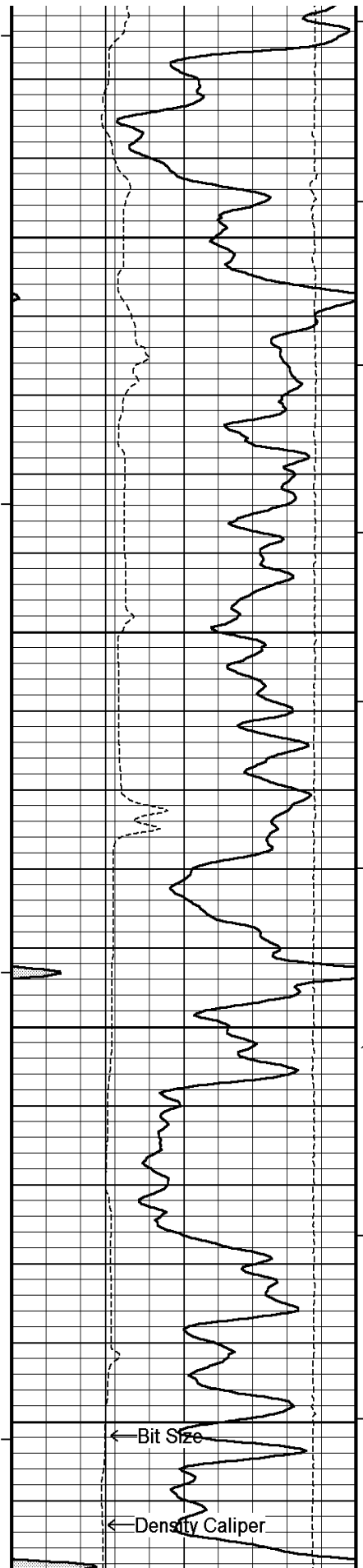












124°

3200

1400

124°

3250

125°

3300

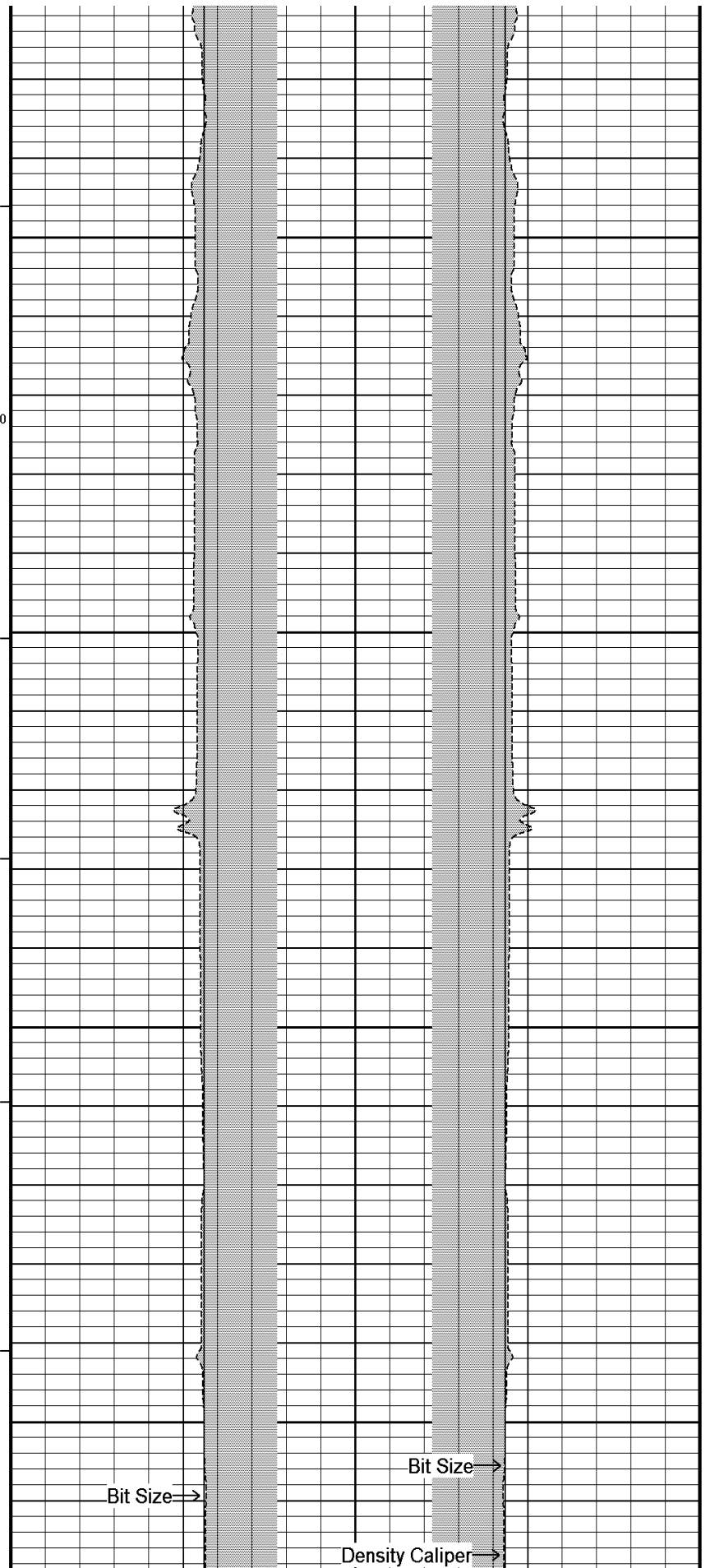
1900

125°

3350

← Bit Size

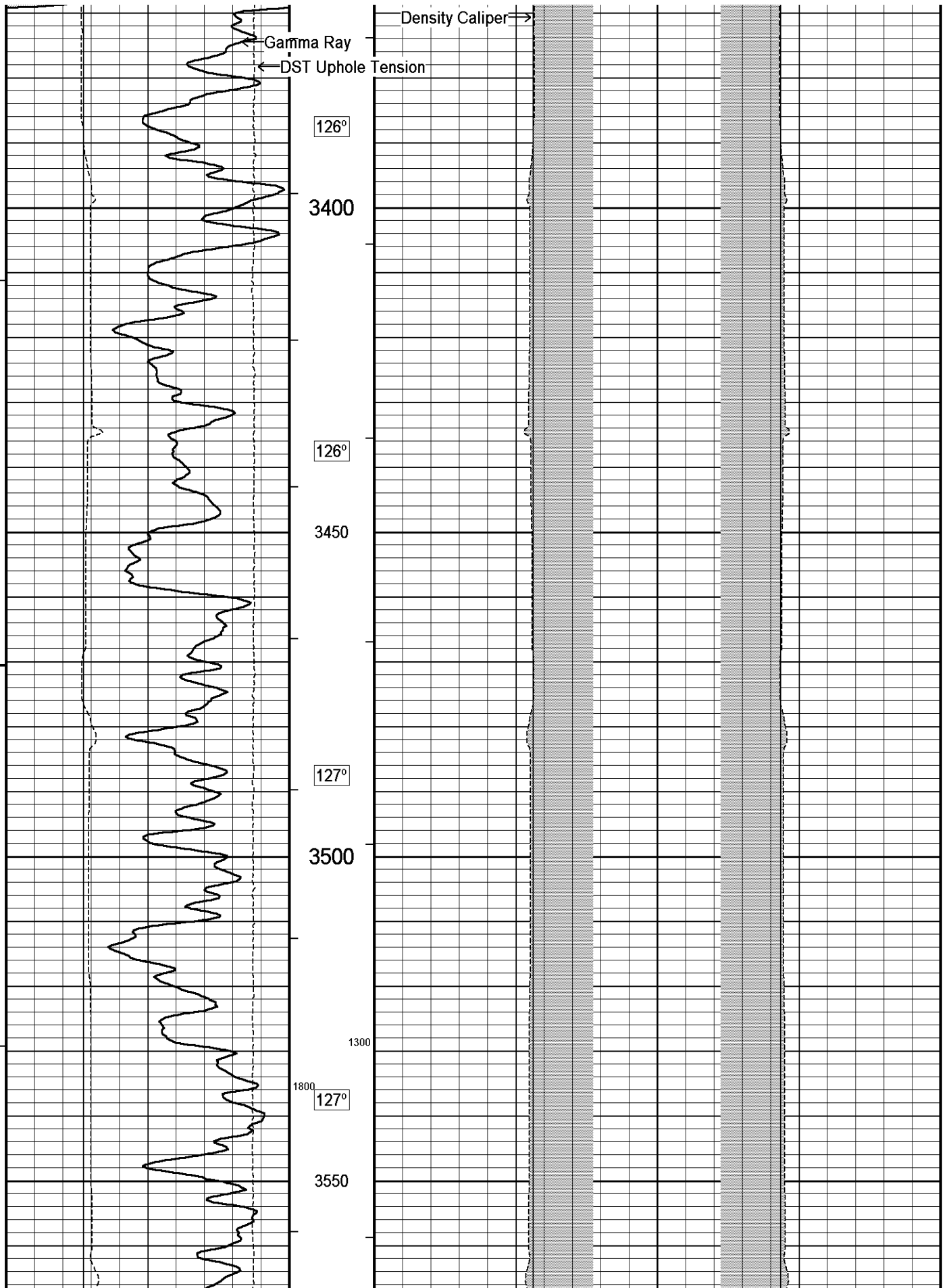
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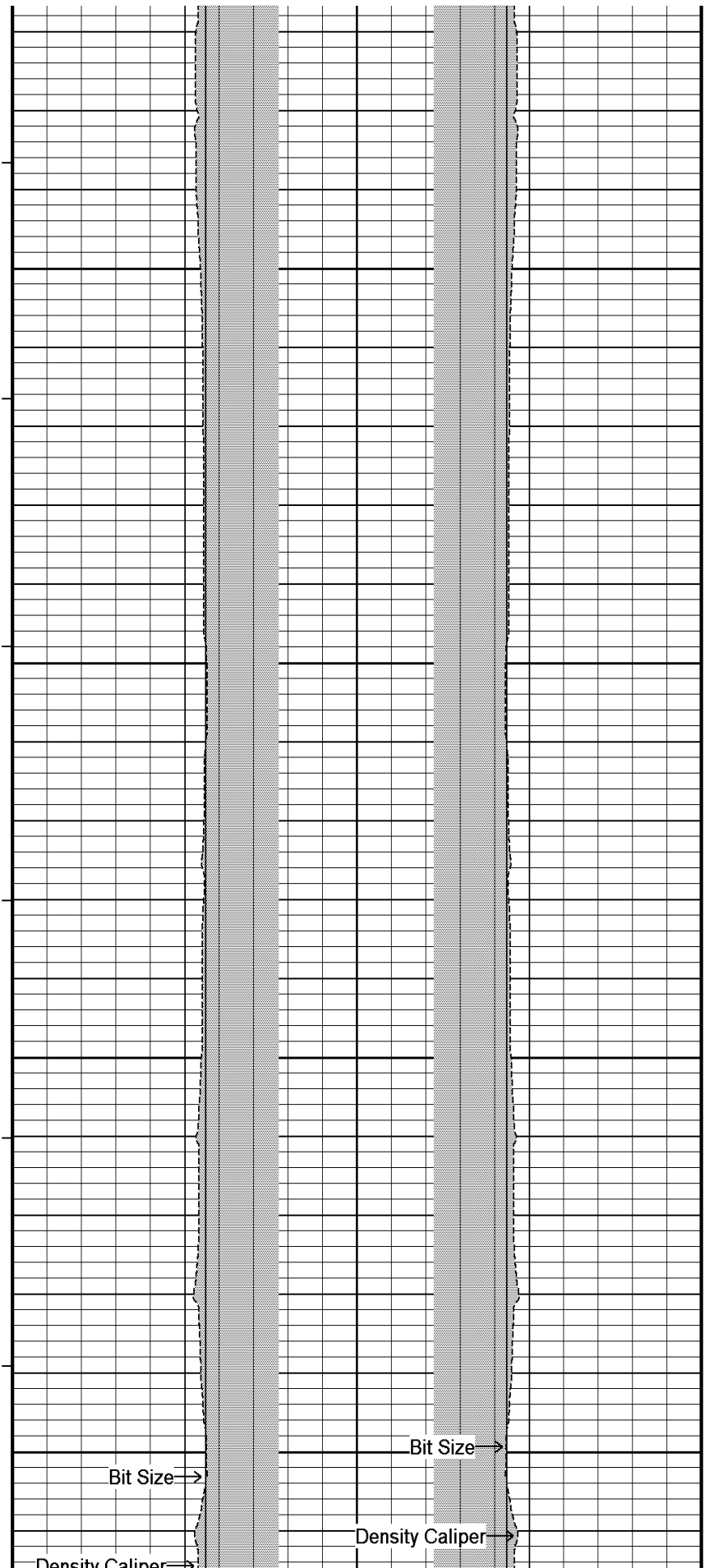
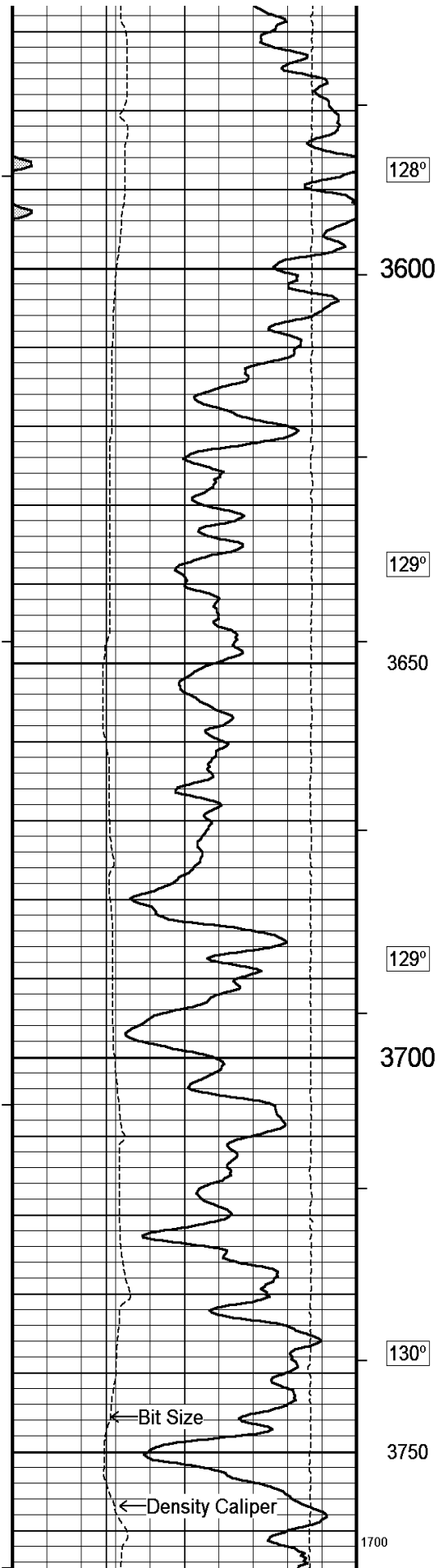


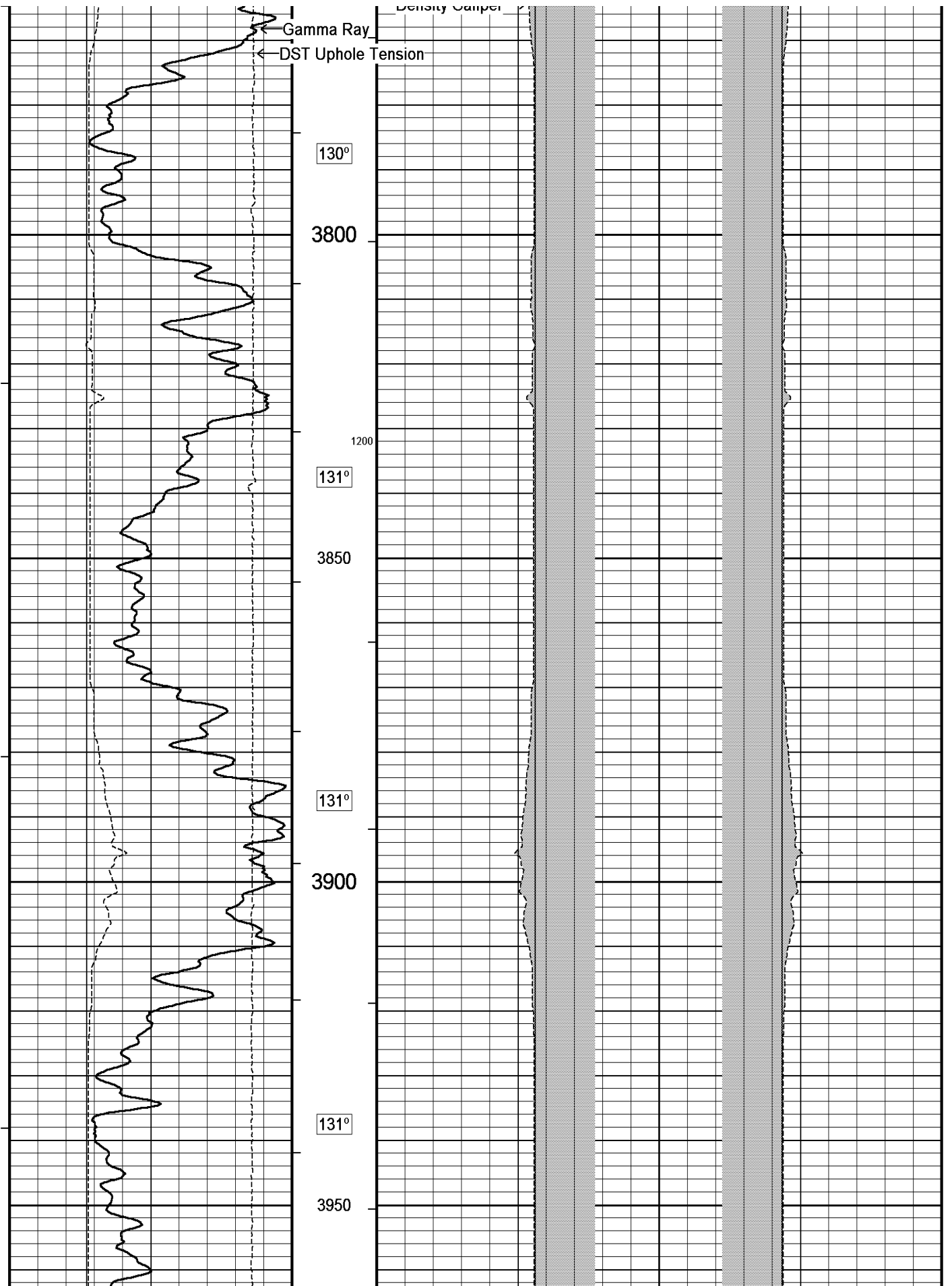
Bit Size →

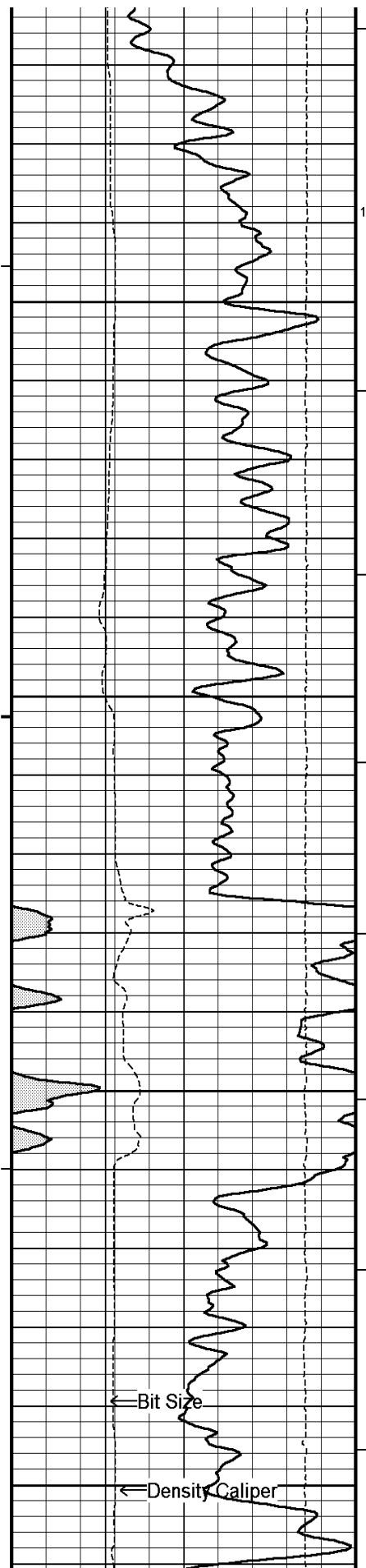
Density Caliper →

Bit Size →









1600 131°

4000

132°

4050

133°

4100

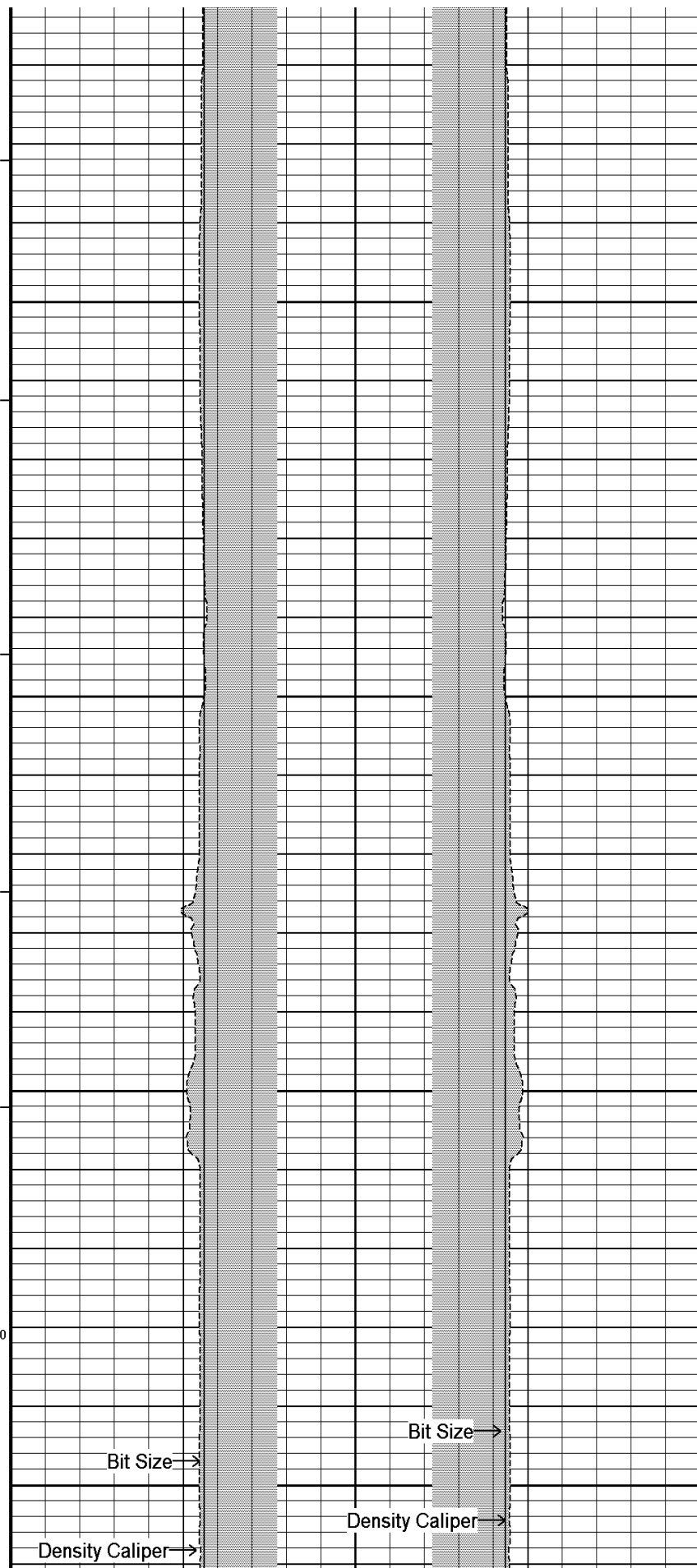
1100

133°

4150

← Bit Size

← Density Caliper

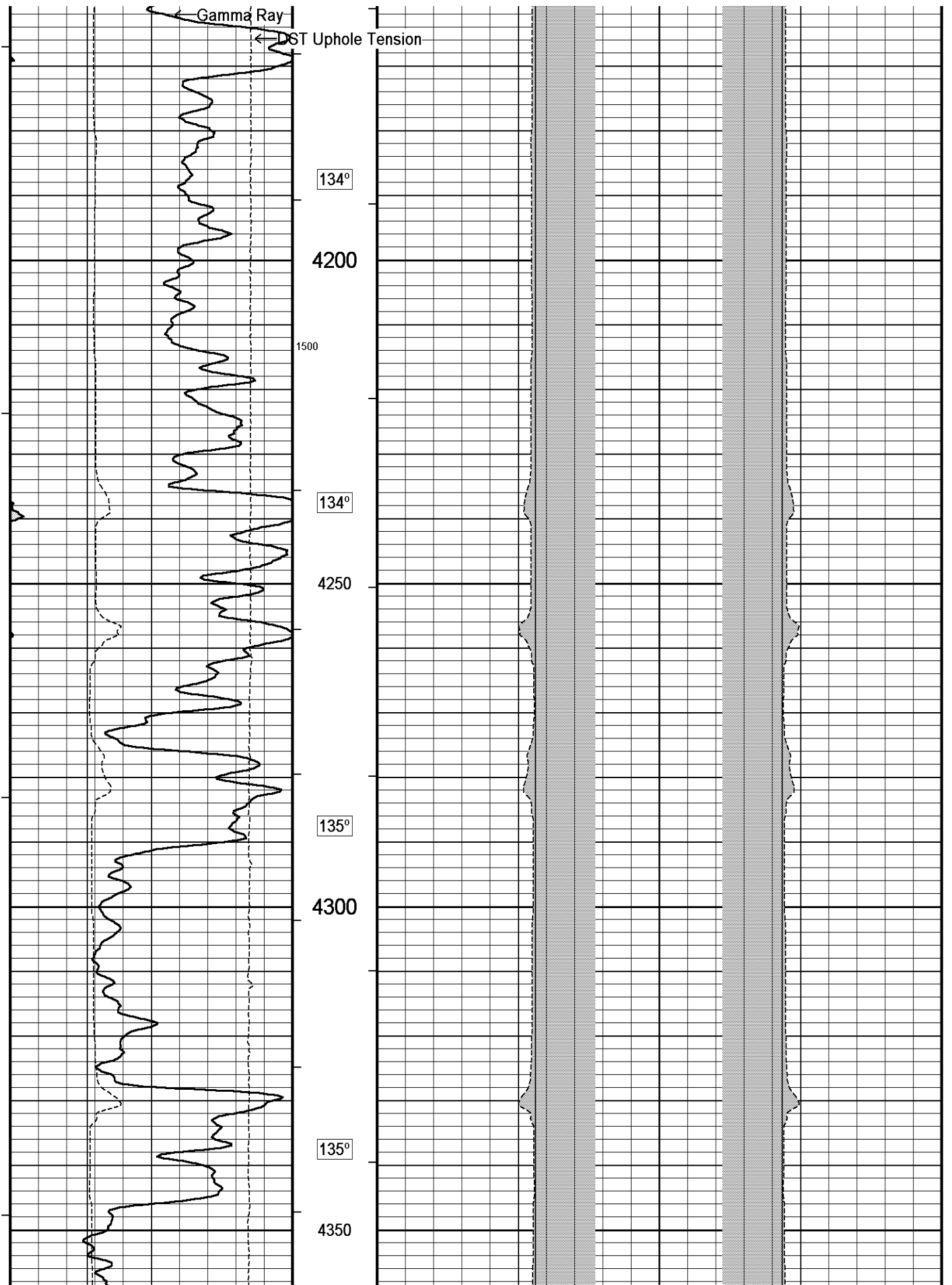


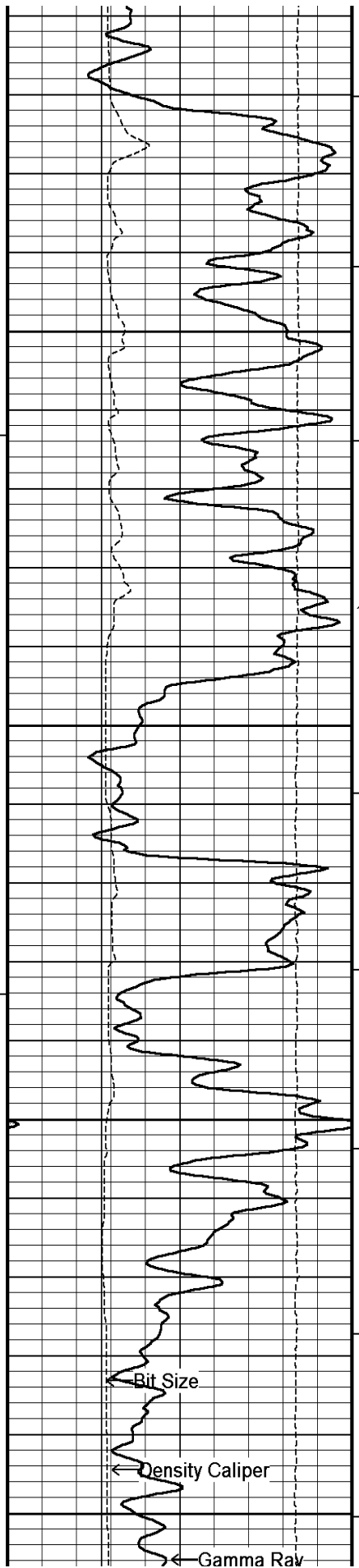
Bit Size →

Density Caliper →

Bit Size →

Density Caliper →





136°

4400

1000

1400  
136°

4450

137°

4500

Bit Size

Density Caliper

Gamma Ray

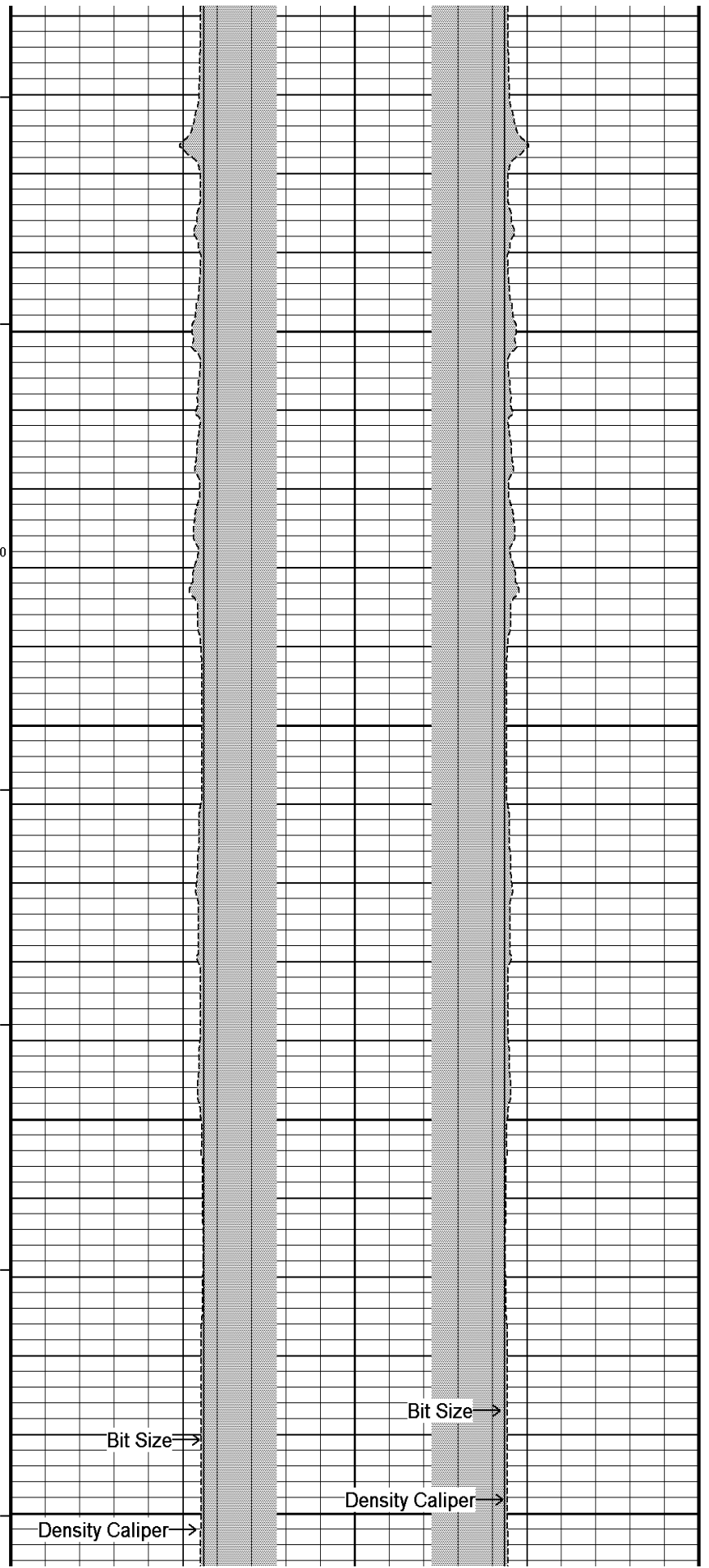
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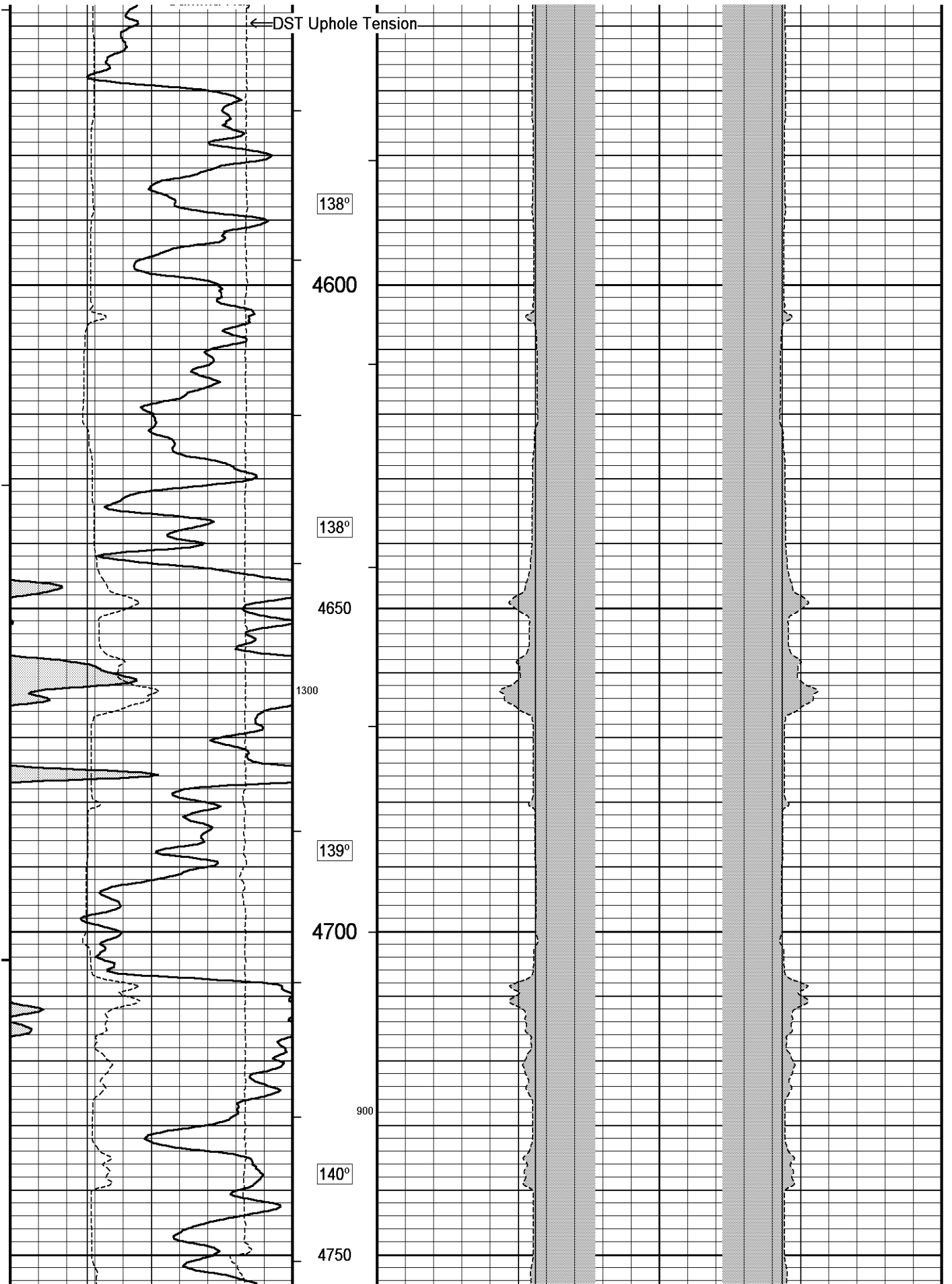
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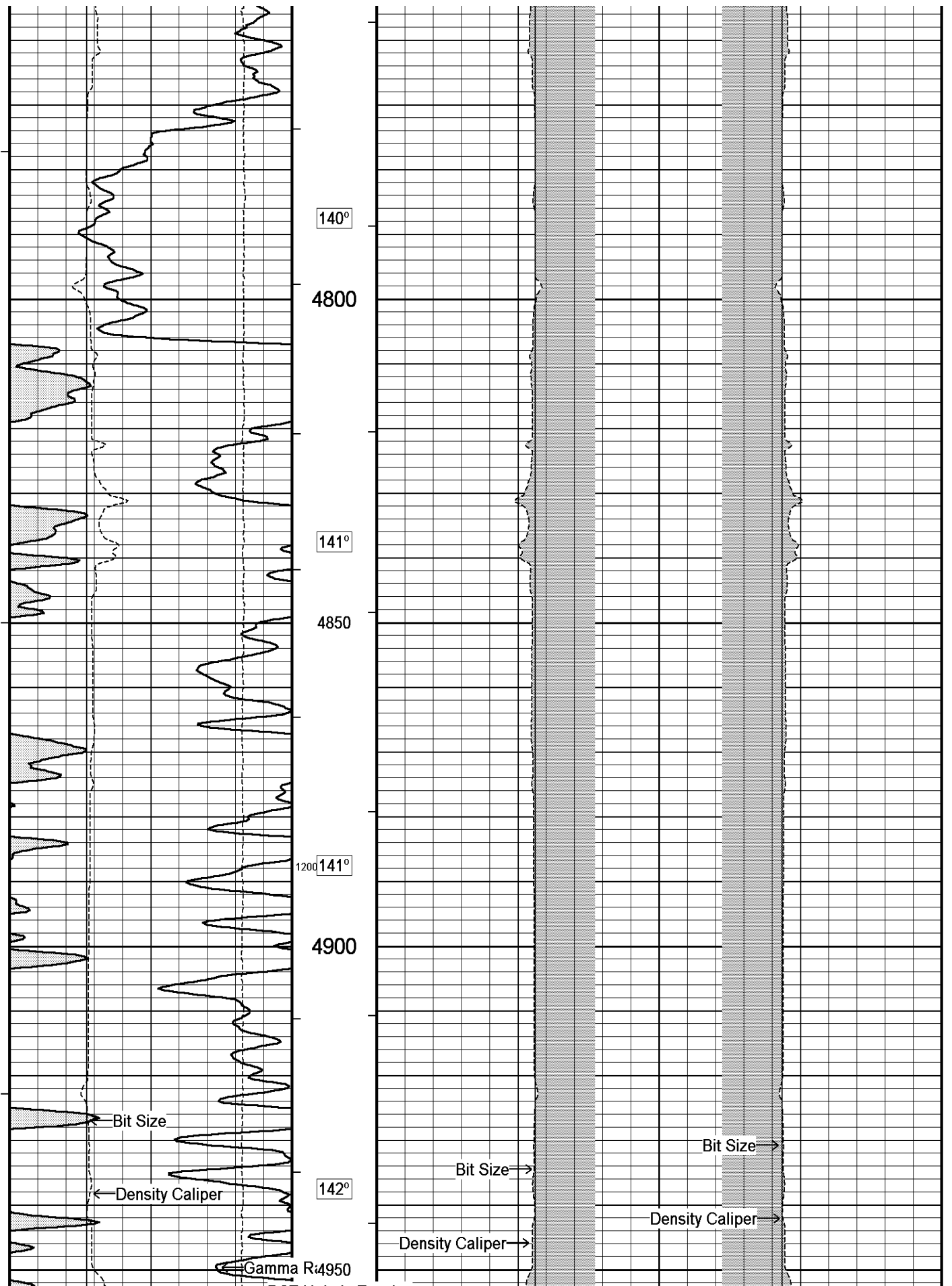
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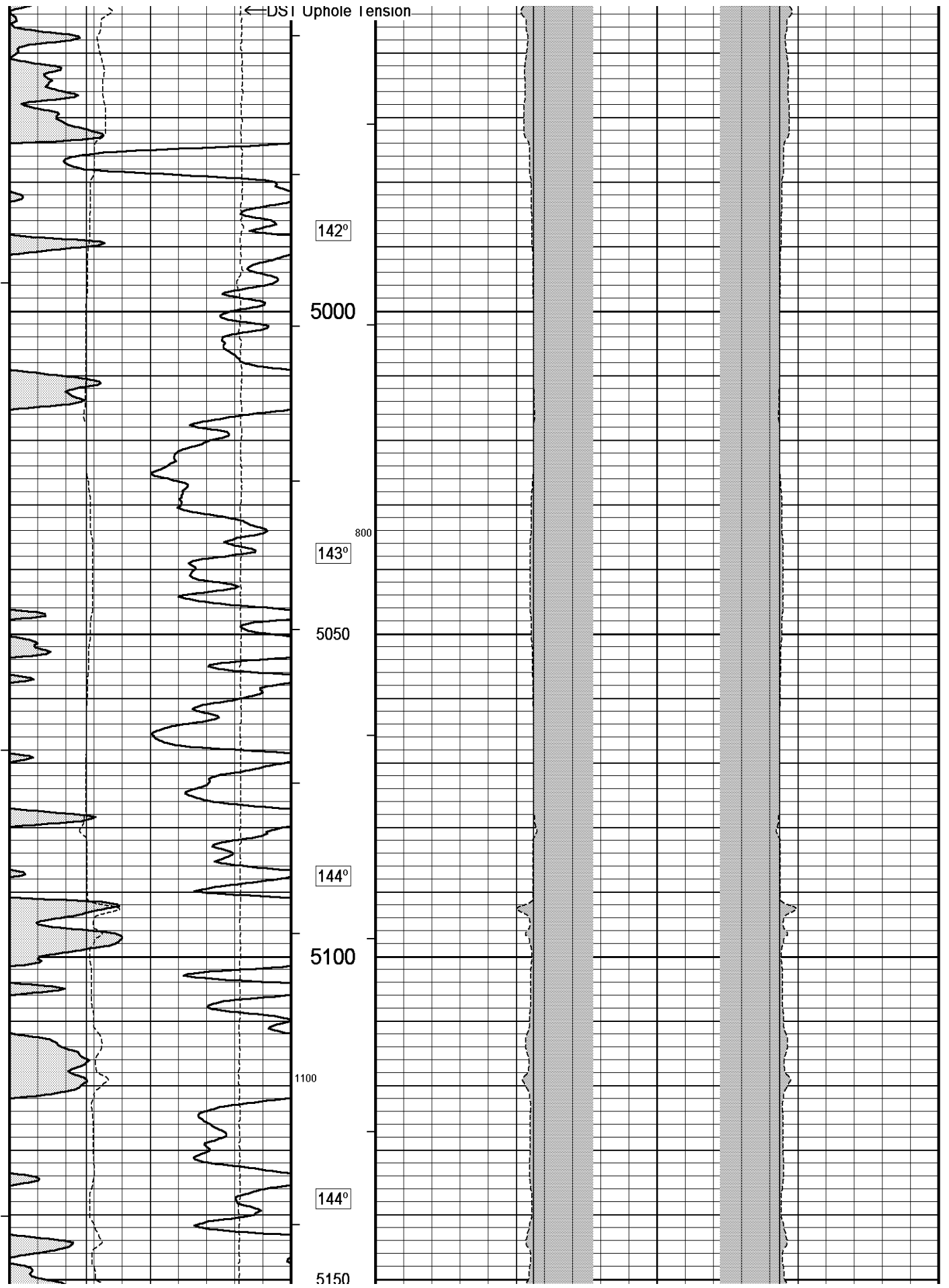
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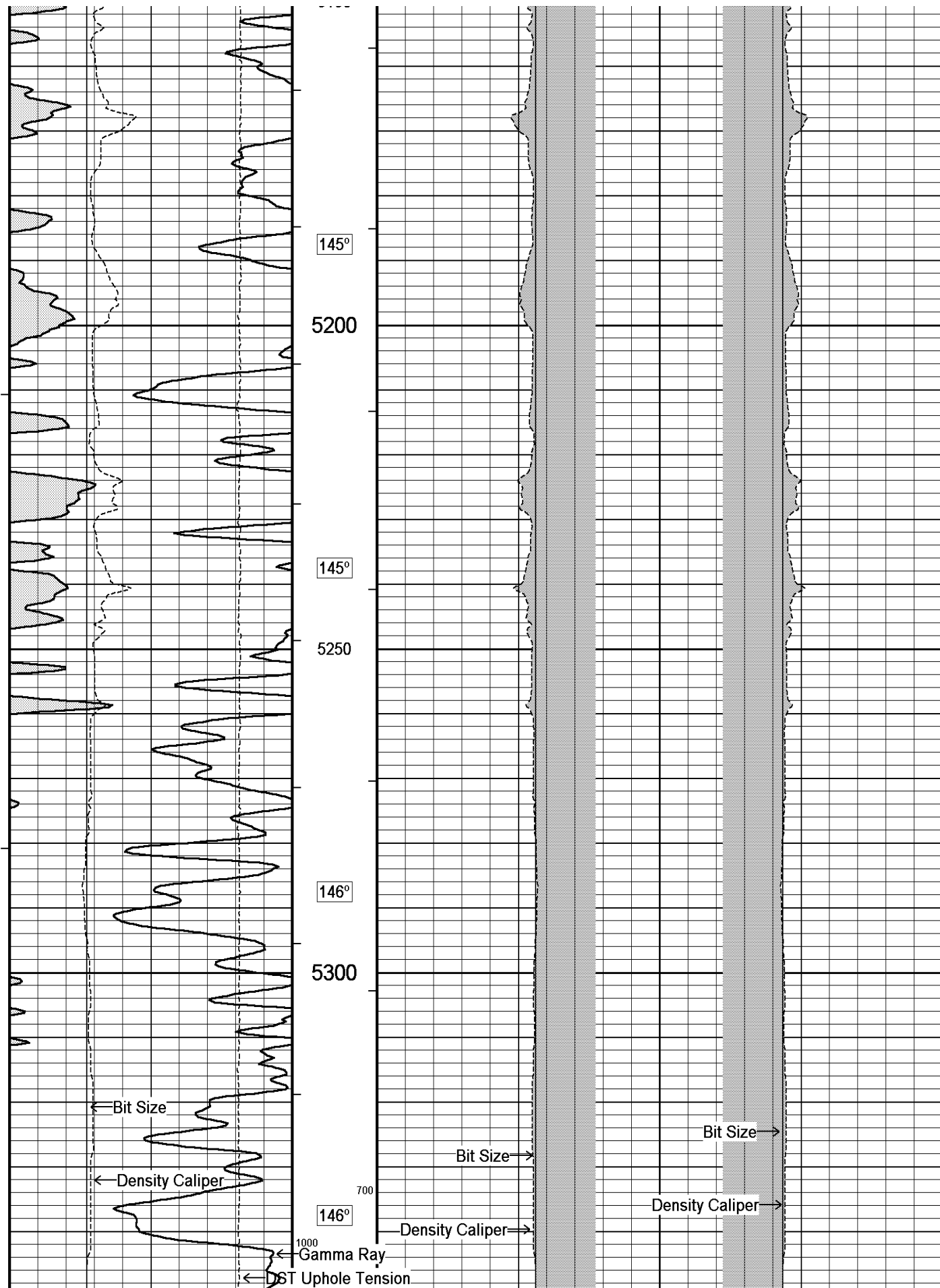
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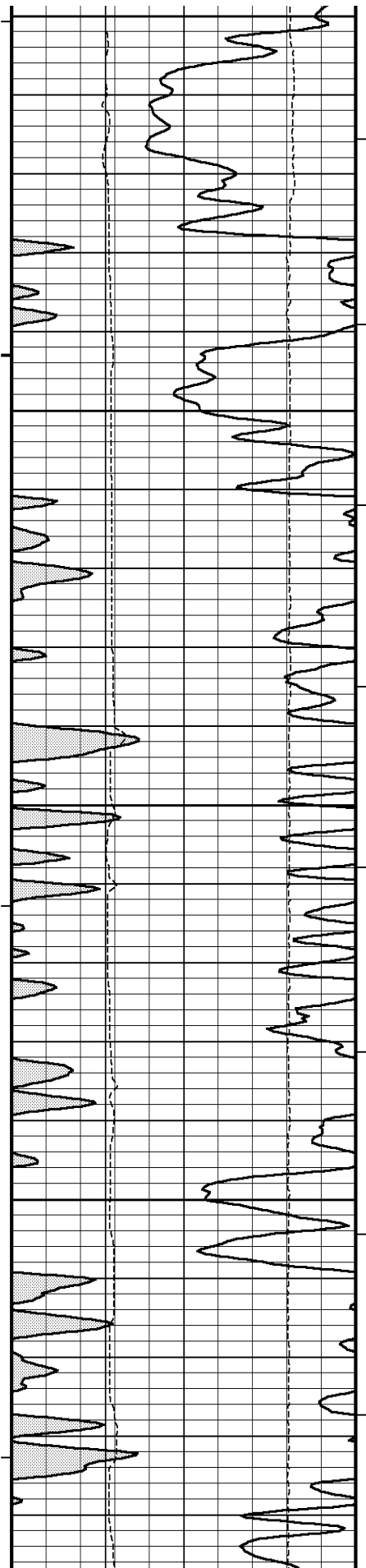












5350

147°

5400

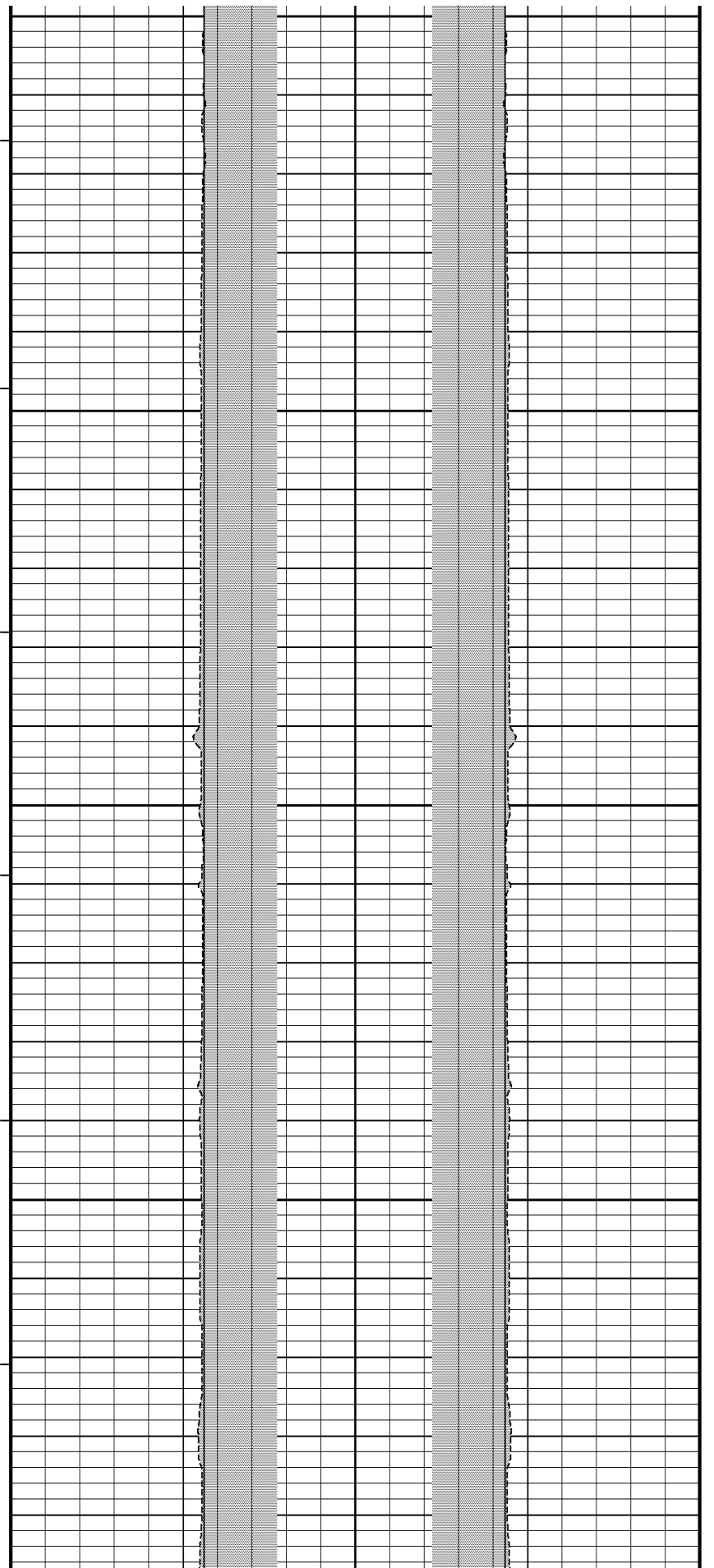
148°

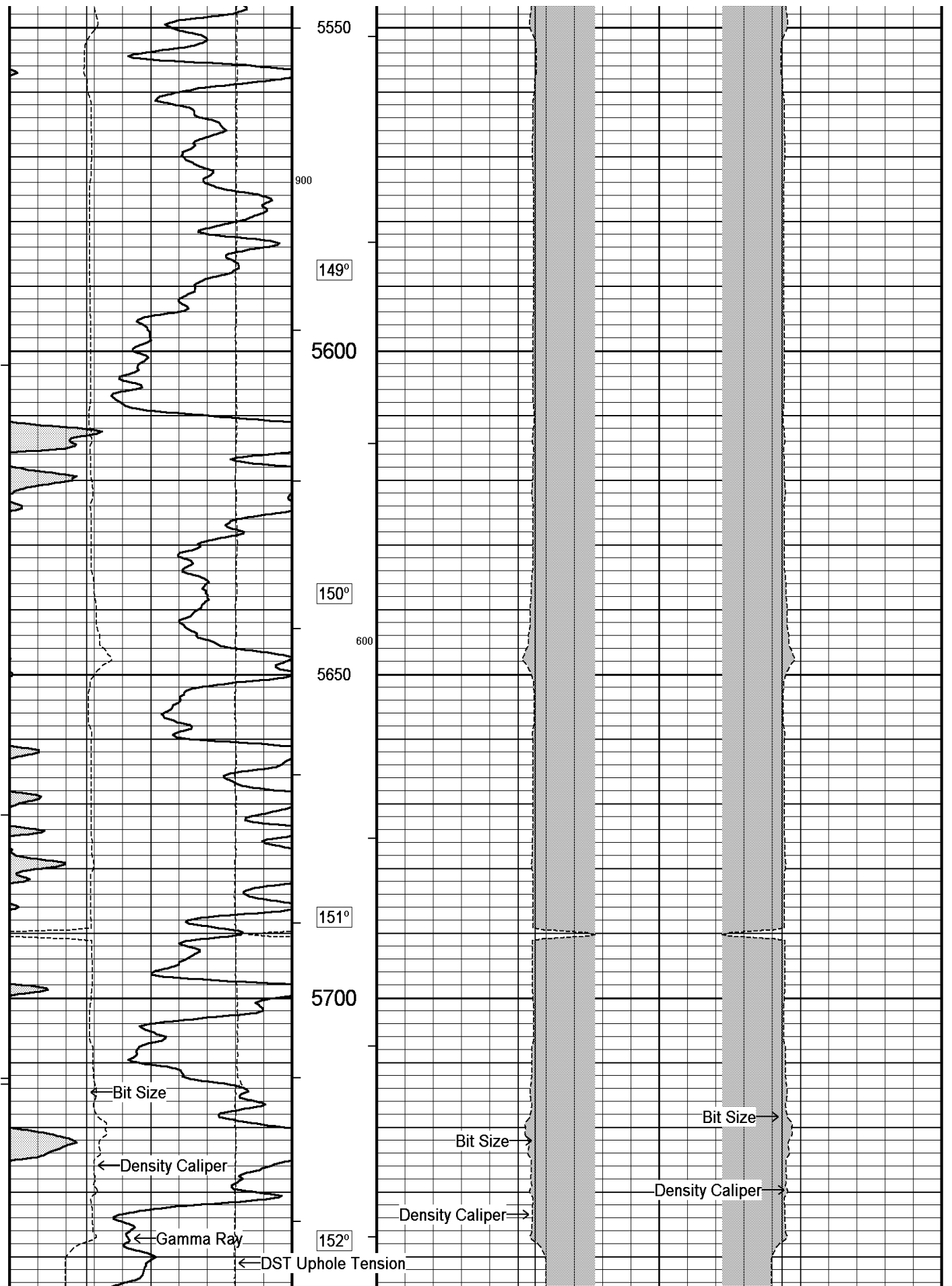
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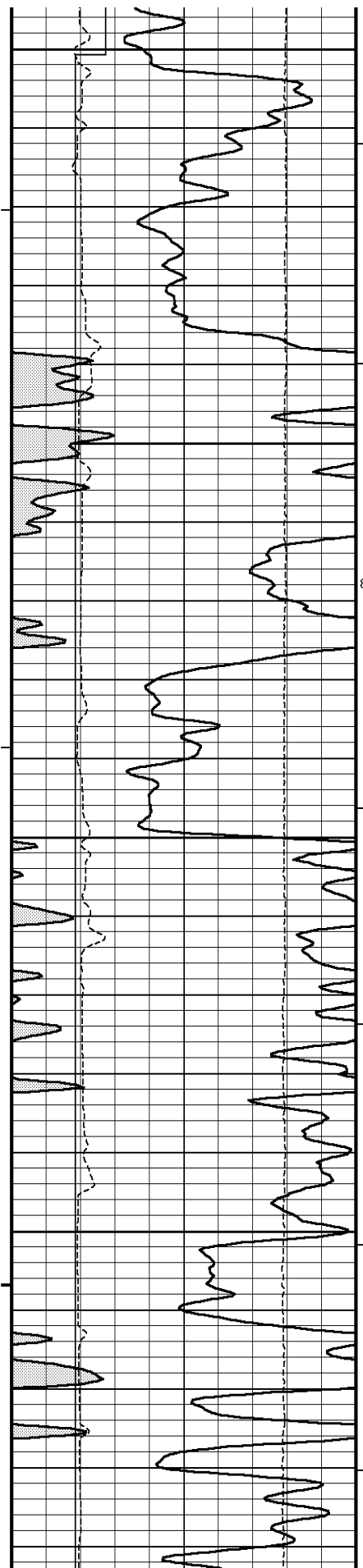
148°

5500

149°







5750

152°

5800

800

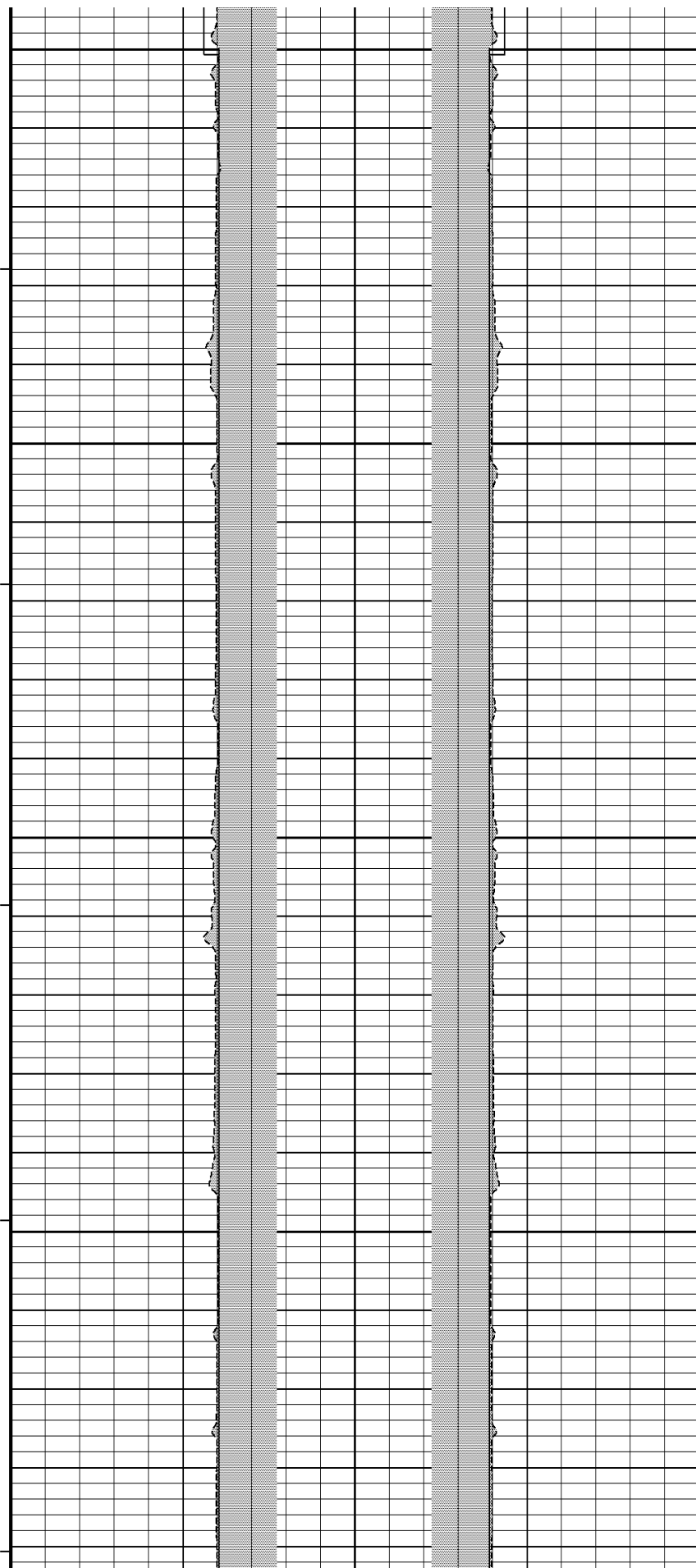
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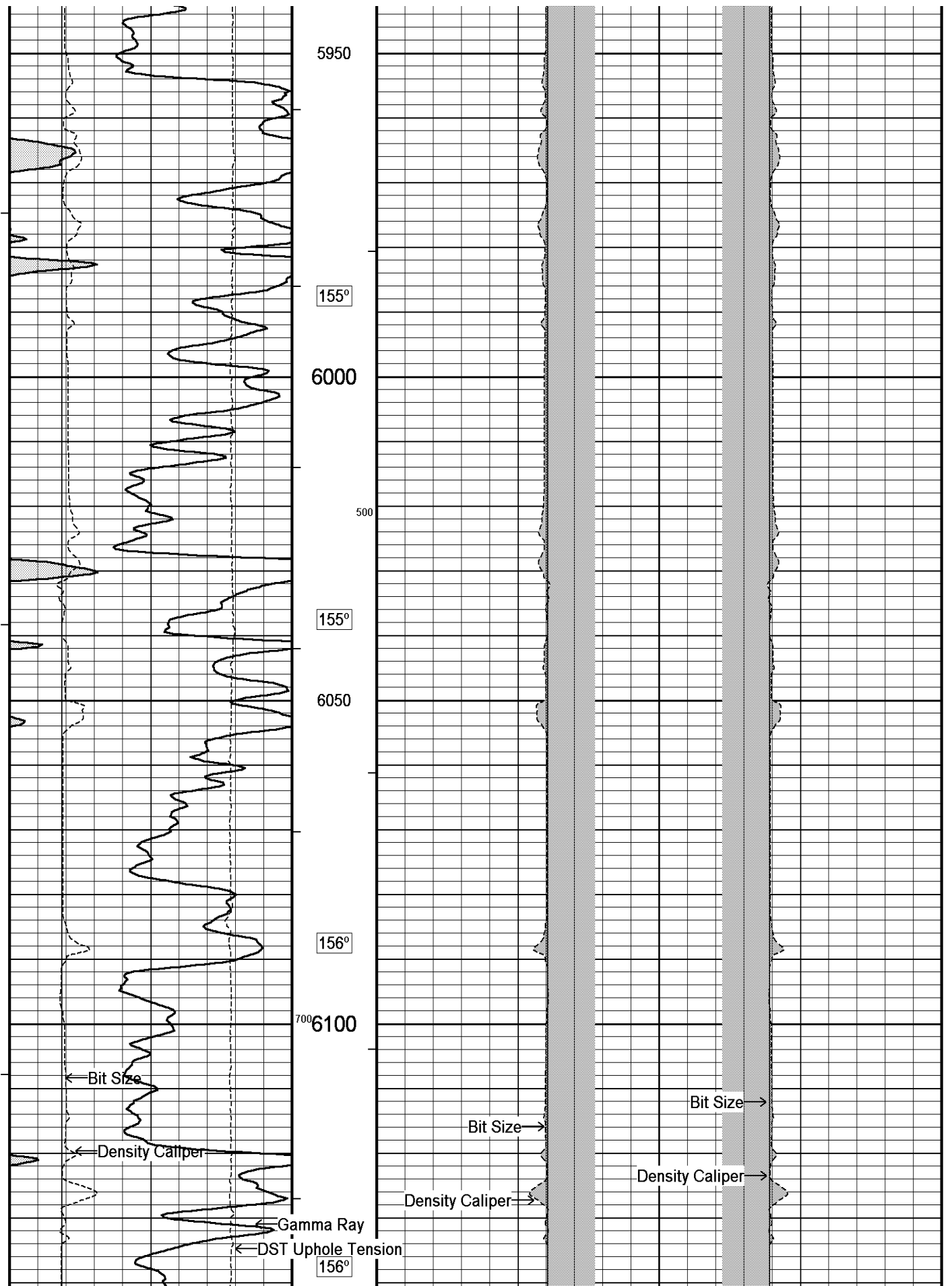
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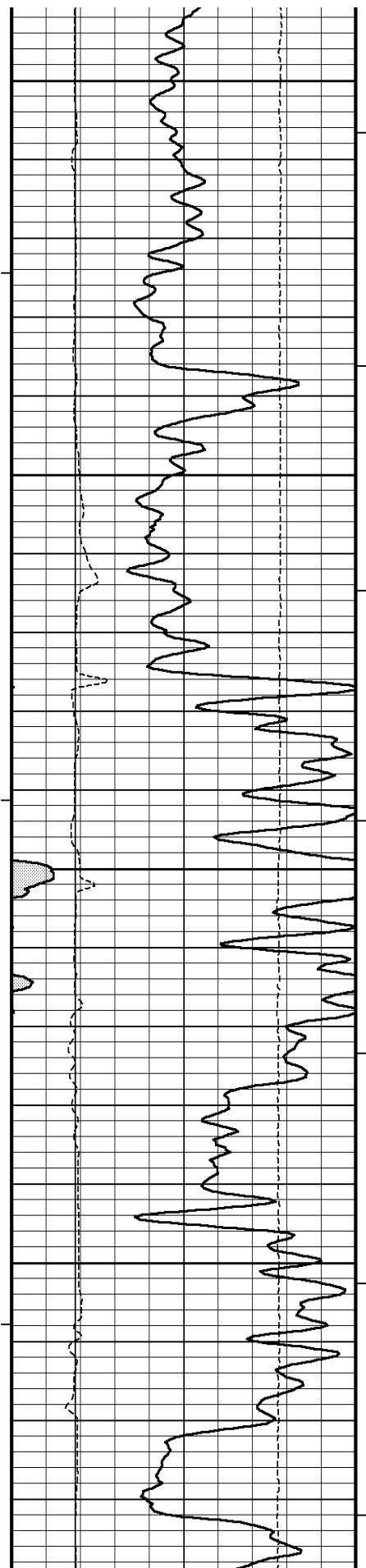
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5900

154°







6150

157°

6200

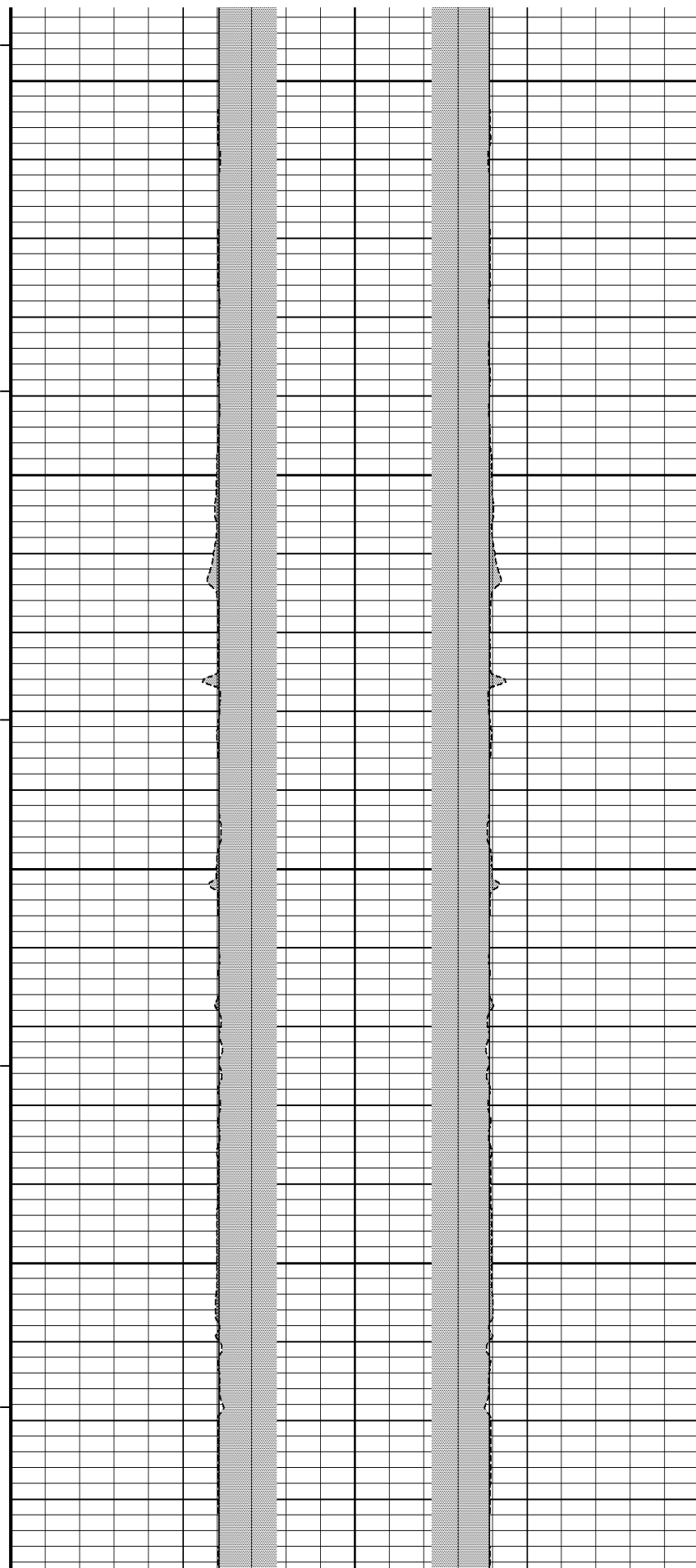
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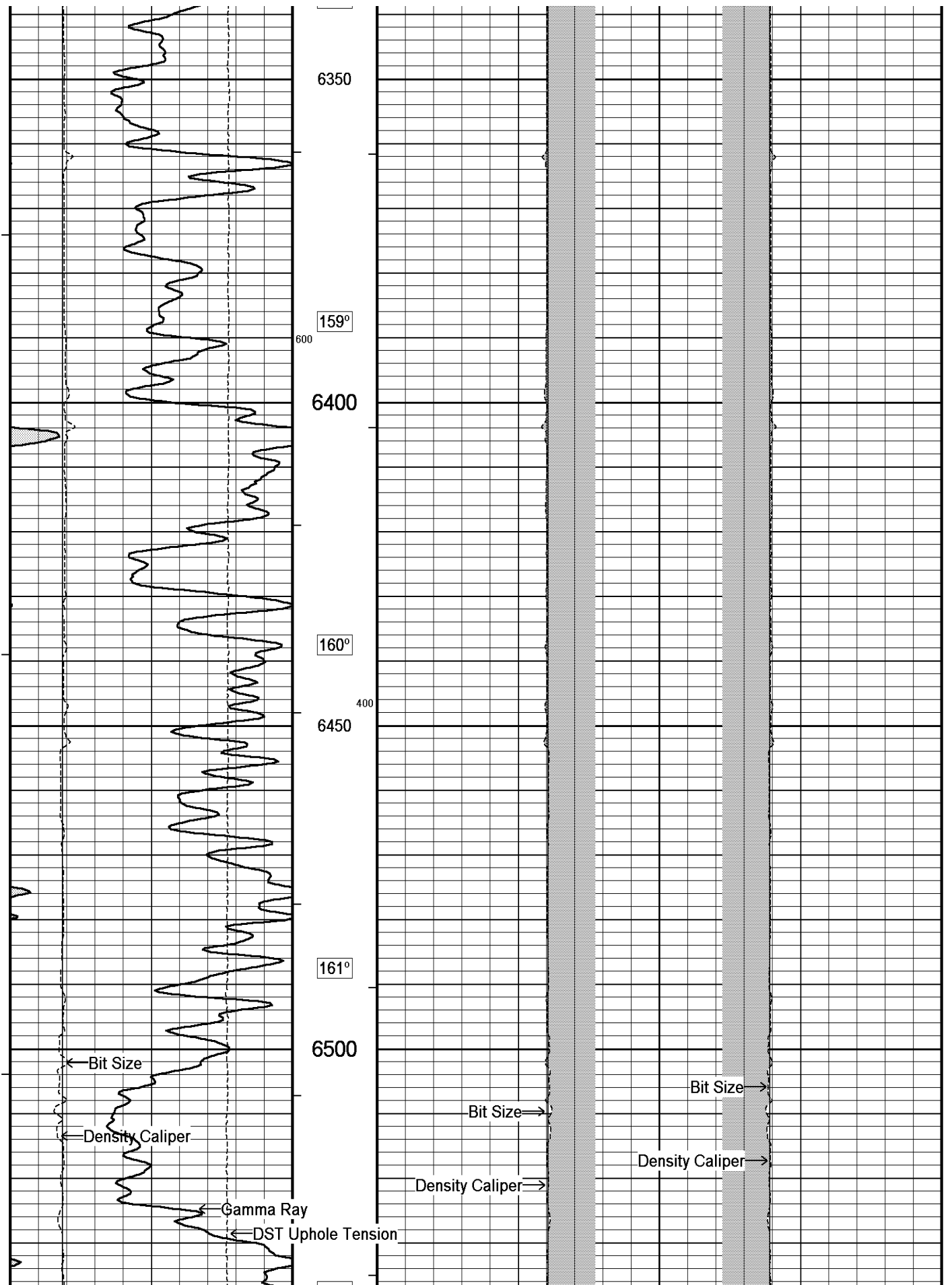
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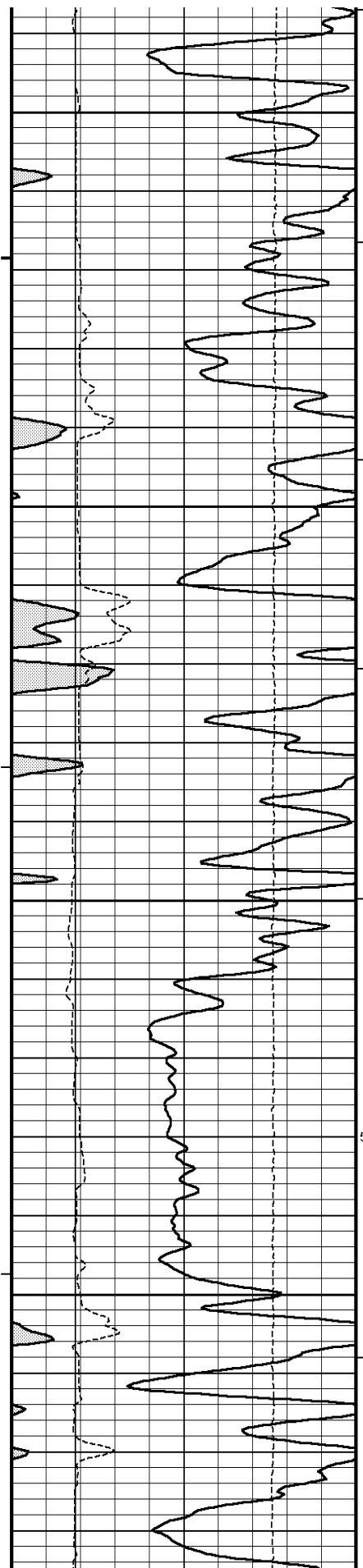
158°

6300

159°







161°

6550

162°

6600

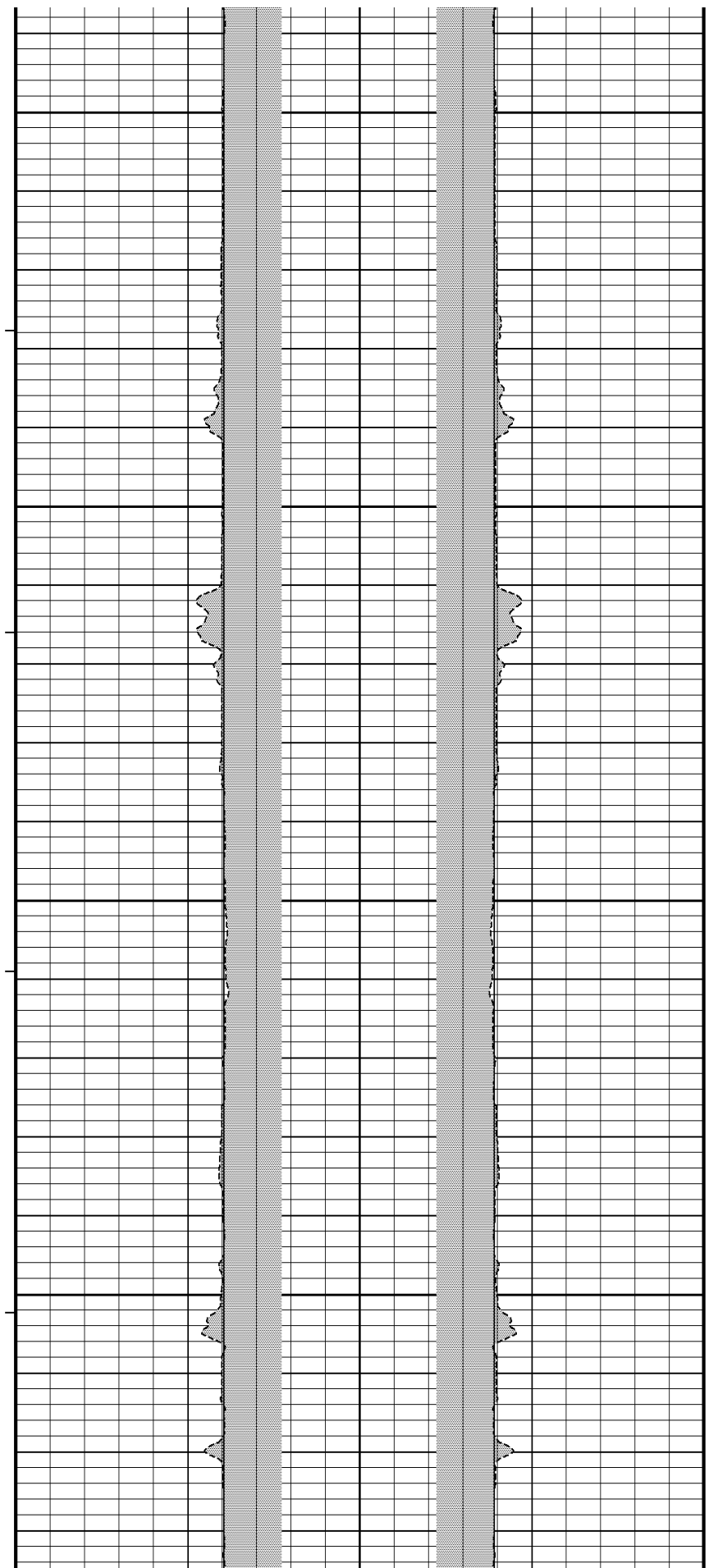
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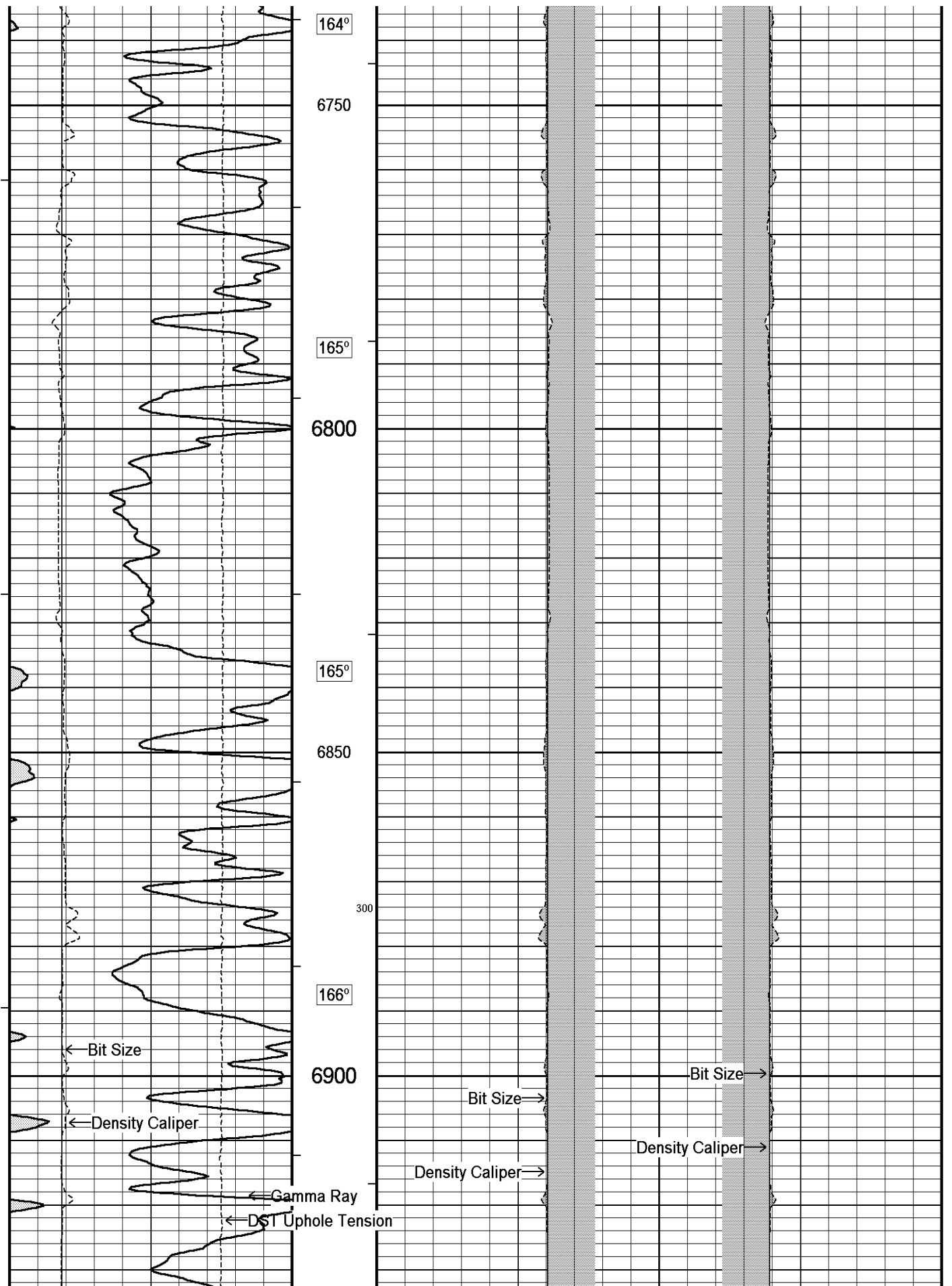
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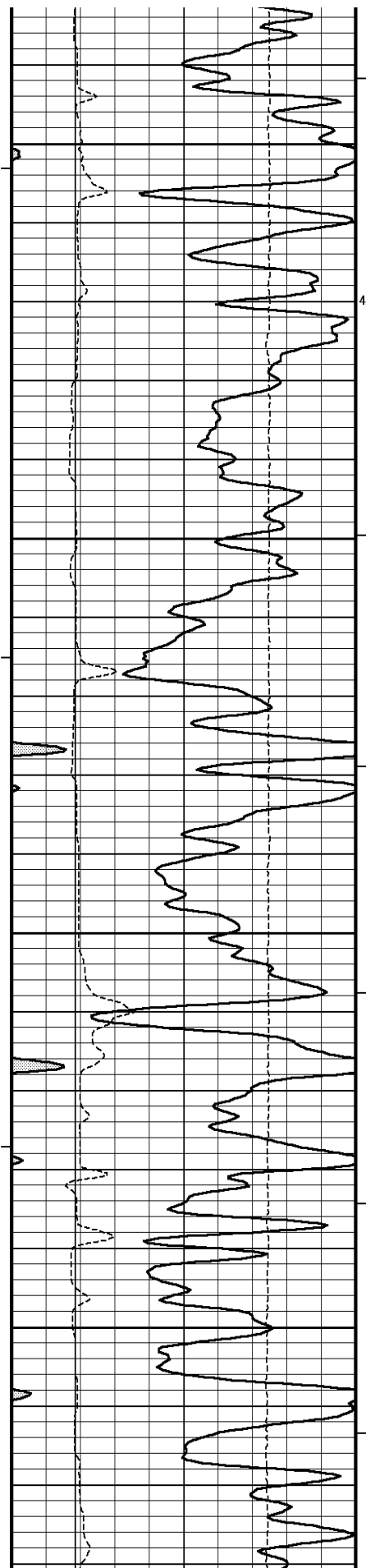
500

163°

6700







167°

6950

400

168°

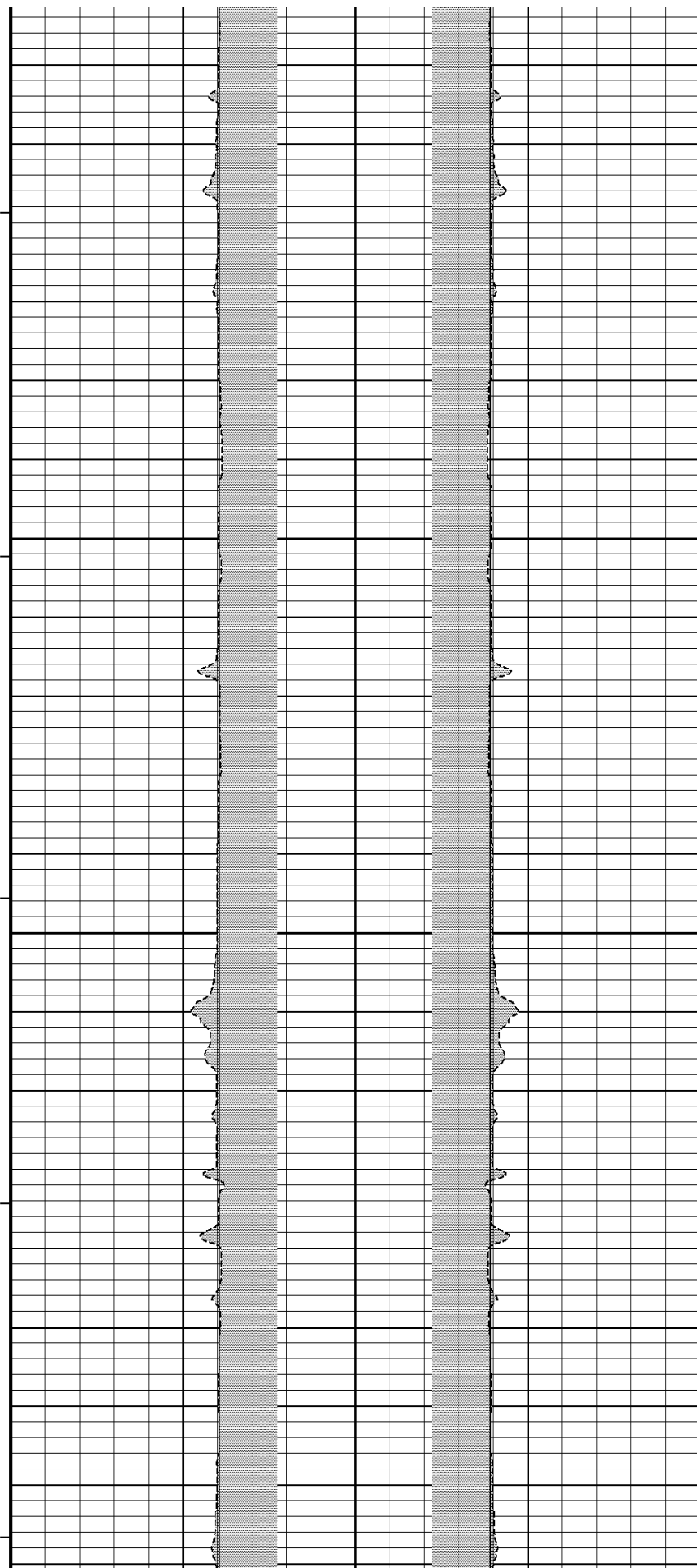
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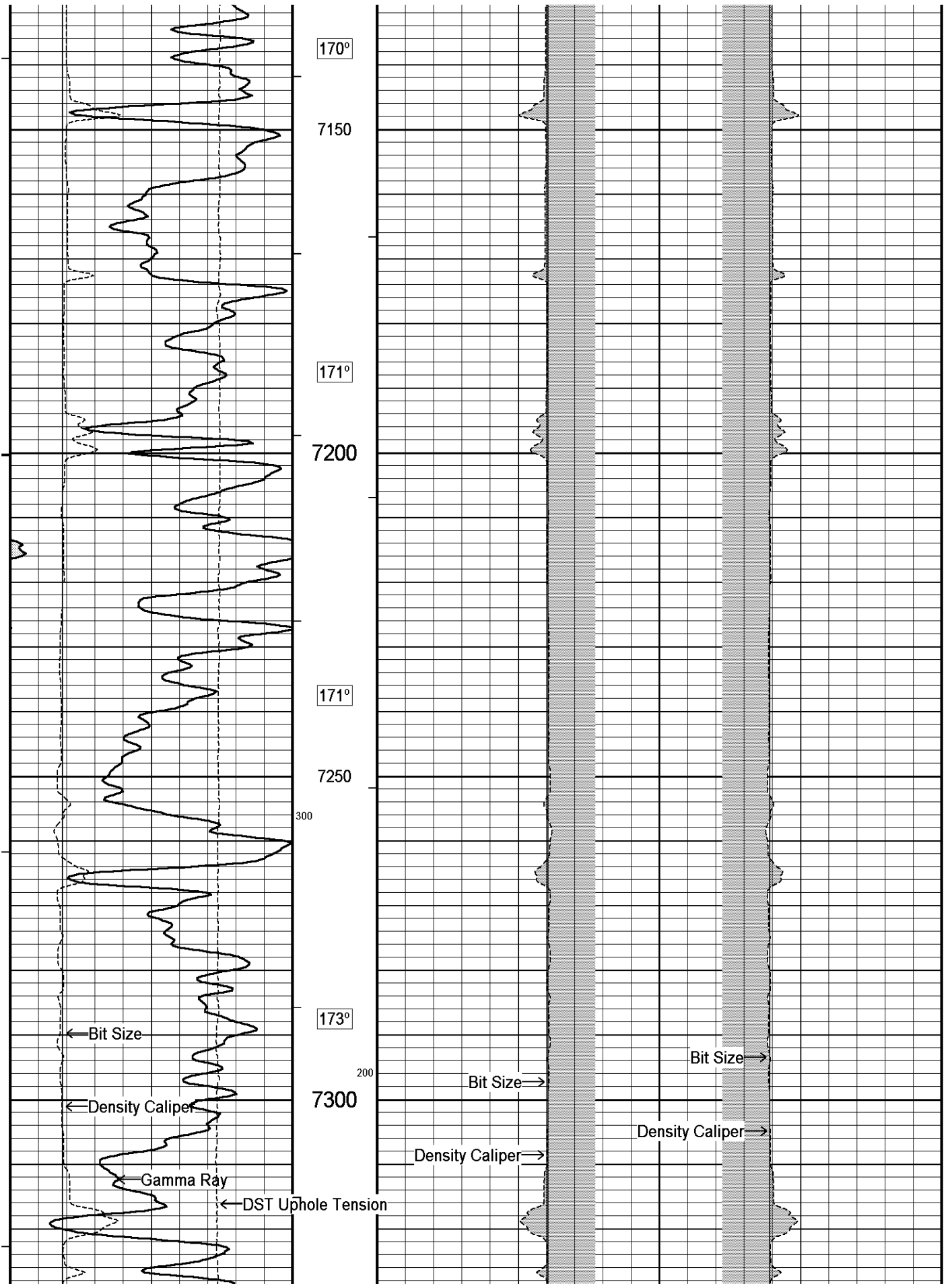
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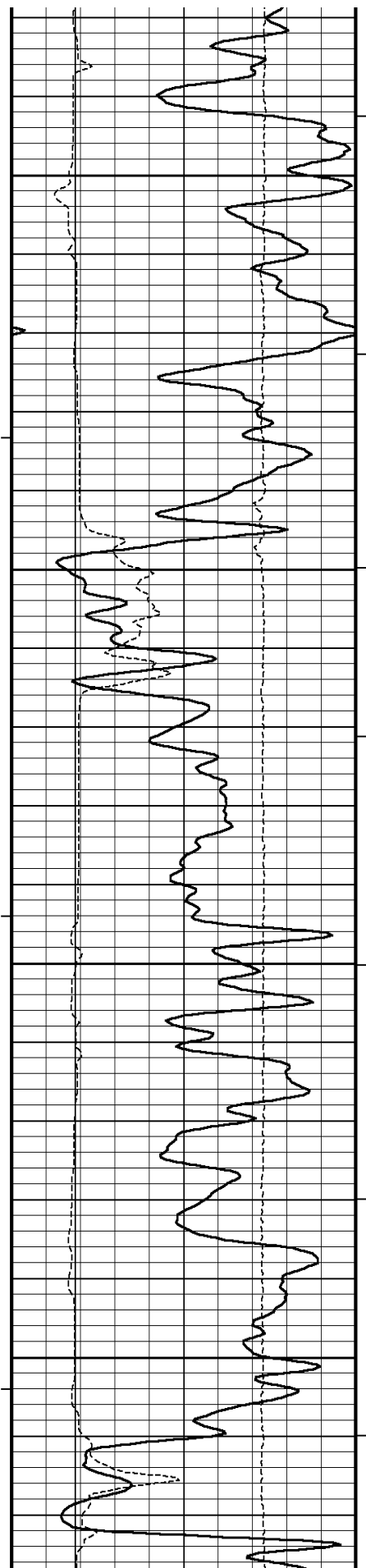
7050

170°

7100







174°

7350

175°

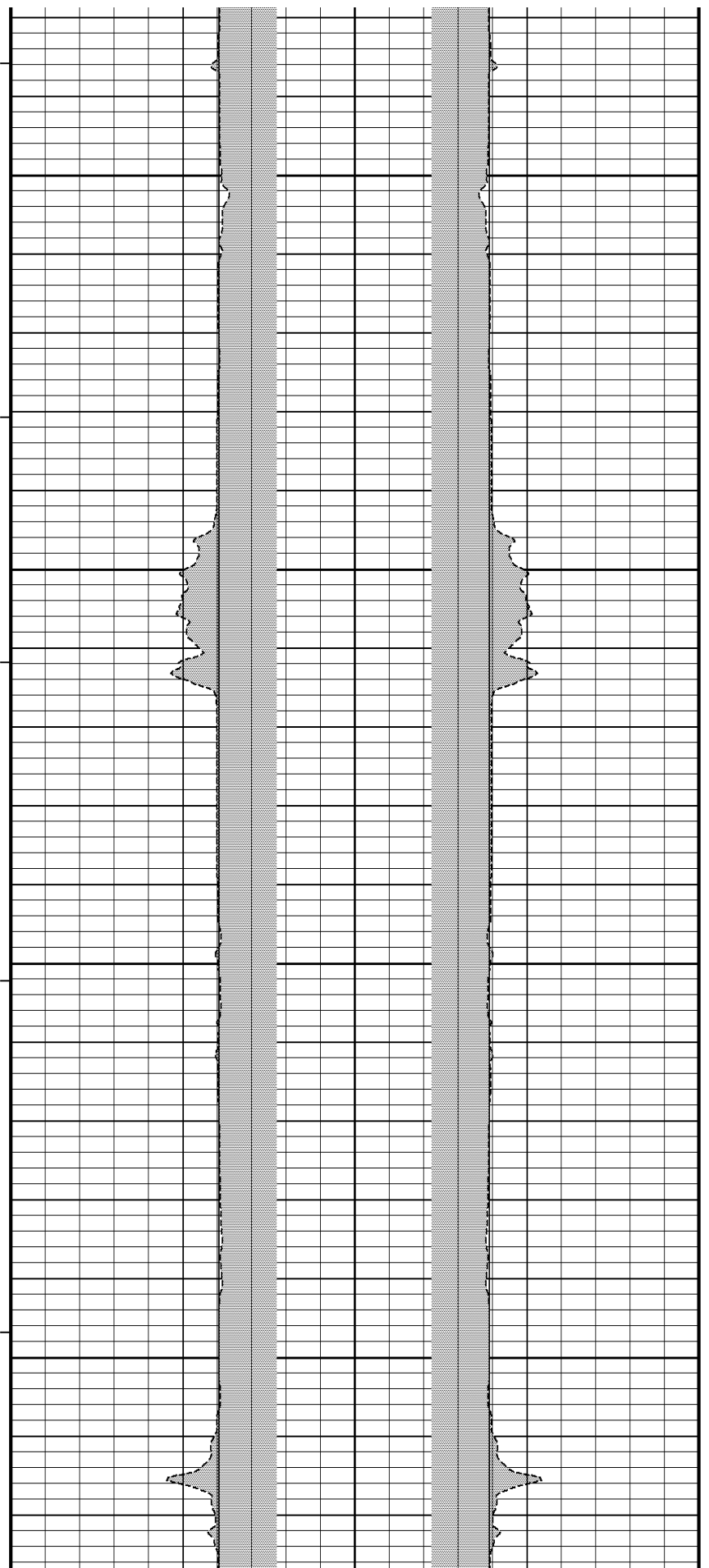
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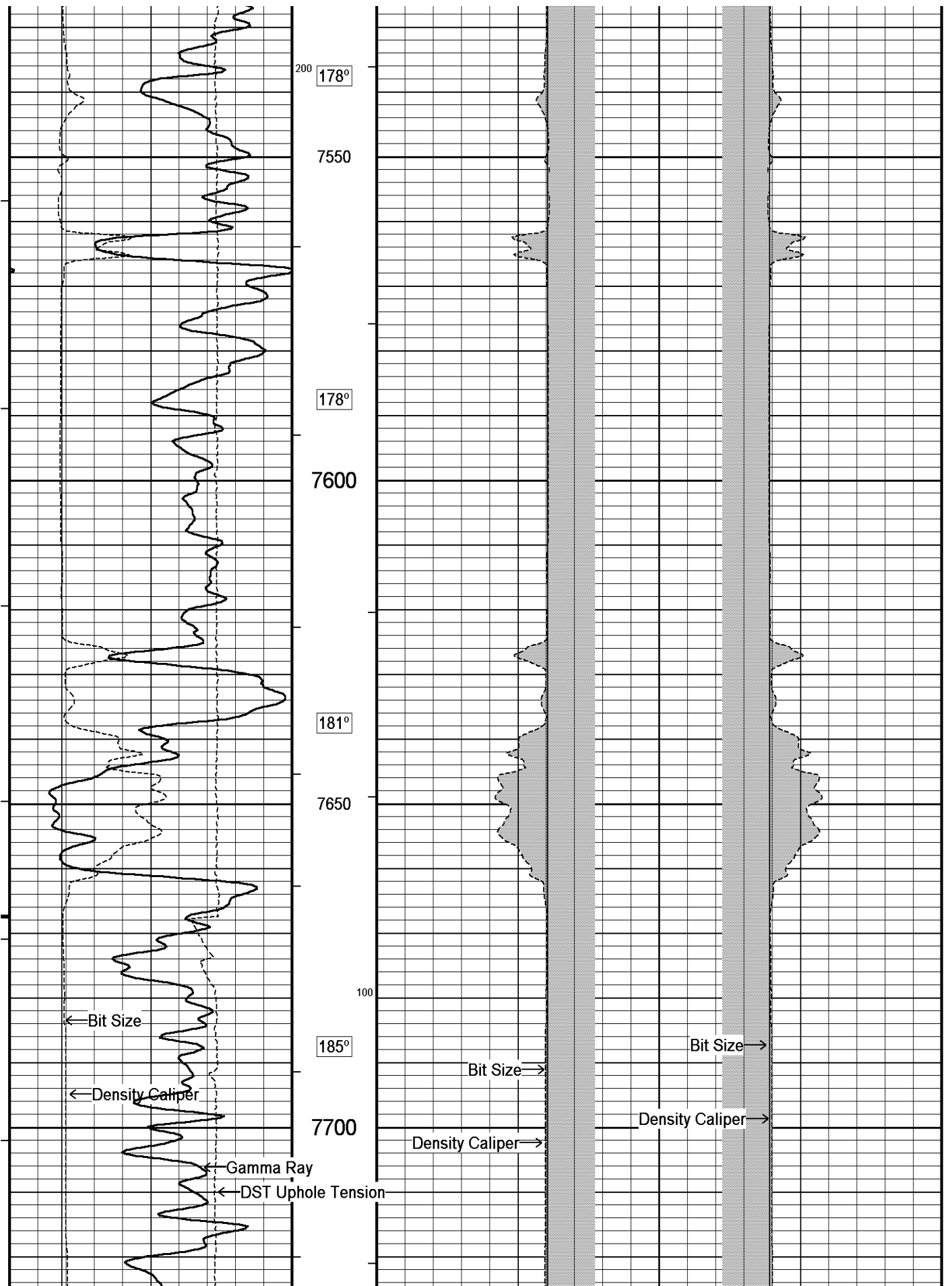
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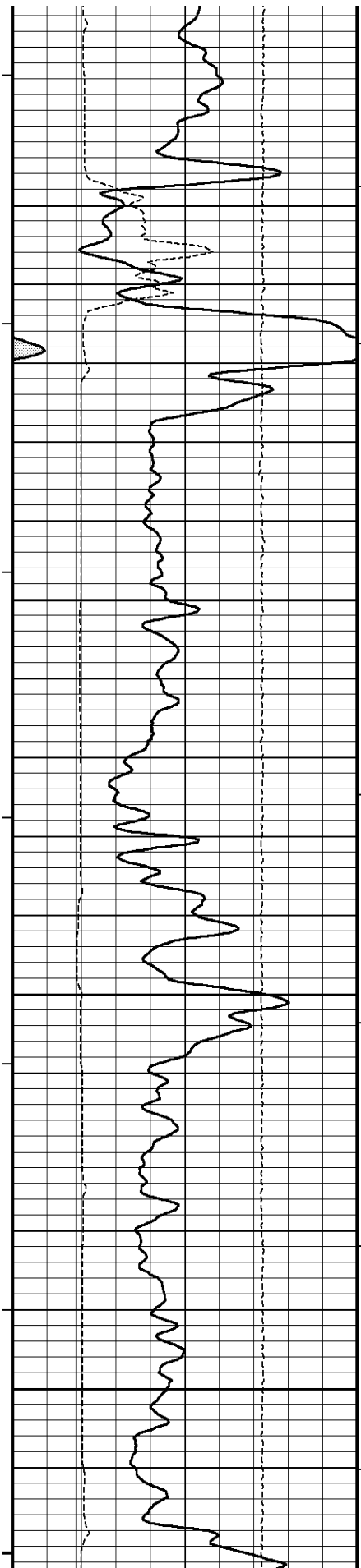
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176°

7500







185°

7750

189°

7800

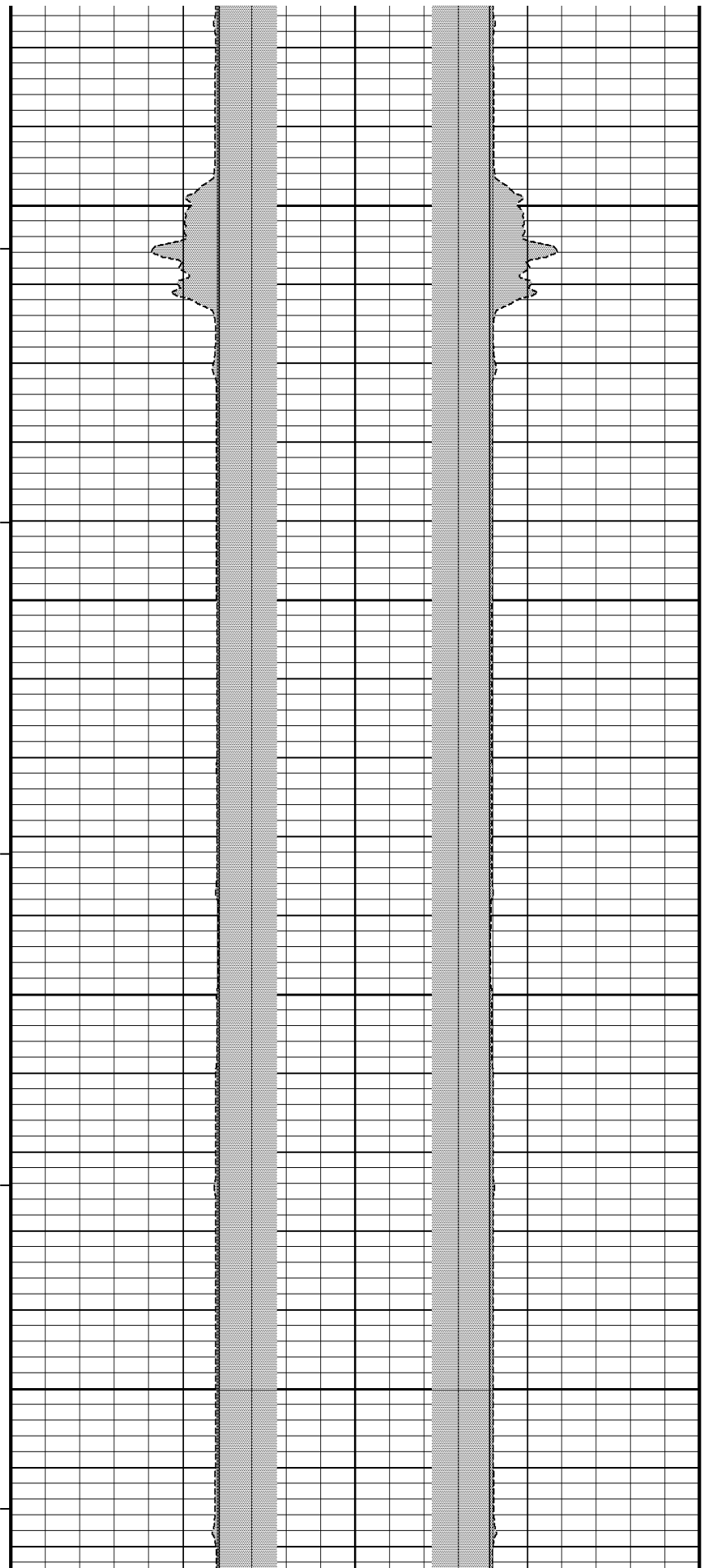
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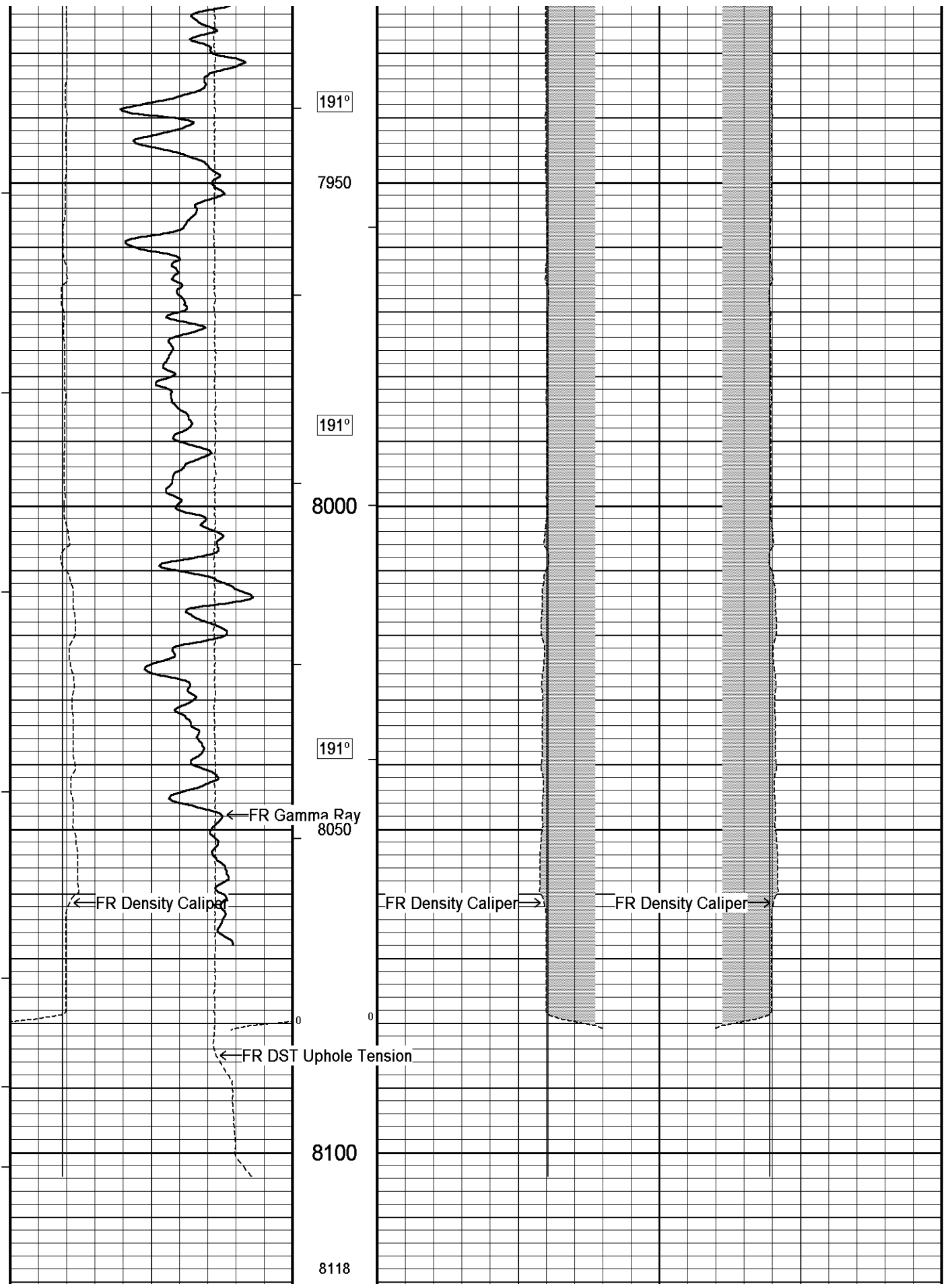
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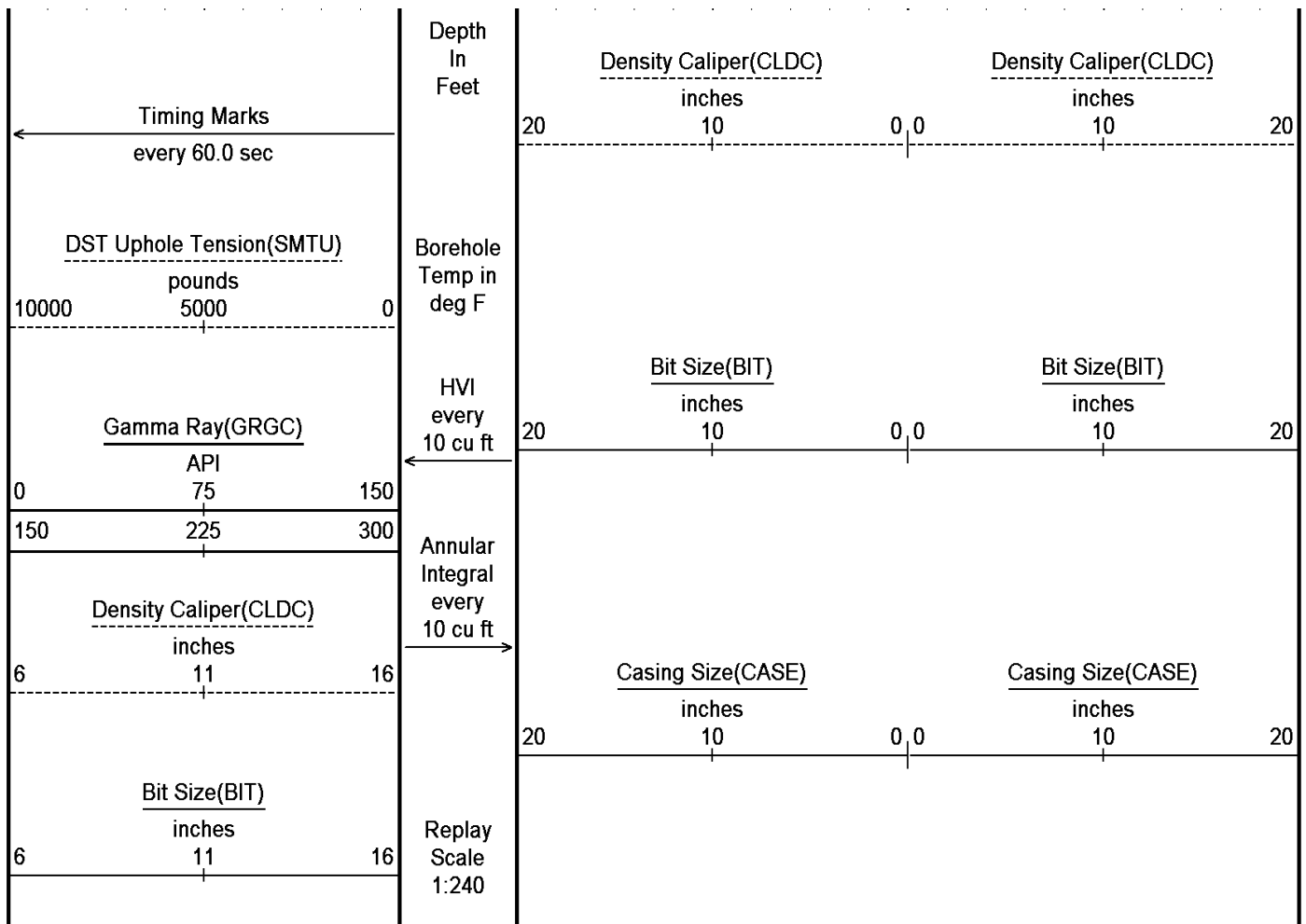
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7900

100



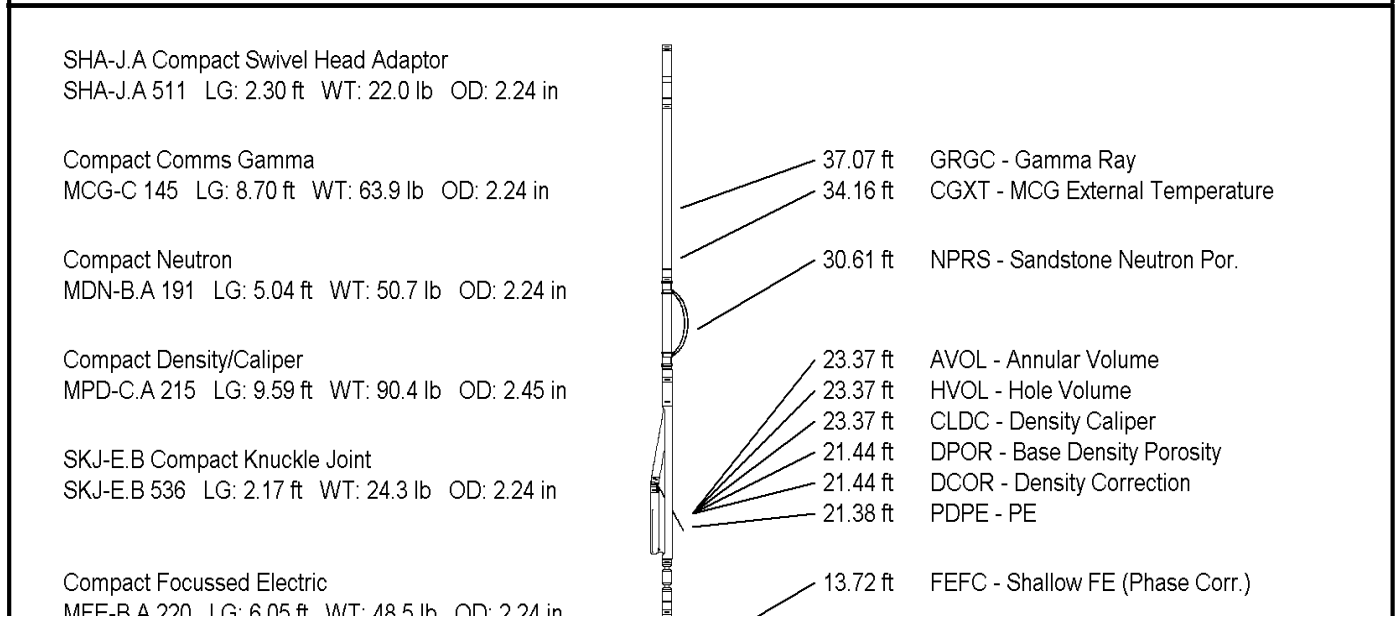




Depth Based Data - Maximum Sampling Increment 10.0cm  
 Plotted on 10-JUN-2011 19:41  
 Filename: C:\Minimus\Logs\Bill Barrett\Bill Barrett CB-TG Land 11B-20-...CB-TG Land 11B-20-695.dta  
 Recorded on 10-JUN-2011 16:08  
 System Versions: Logged with 11.02.3186 Plotted with 11.02.3186

5 INCH MAIN LOG

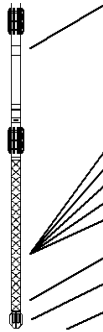
**DOWNHOLE EQUIPMENT**  
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MAI-B.J 362 LG: 10.81 ft WT: 48.5 lb OD: 2.24 in

Compact Induction  
 MAI-B.J 362 LG: 10.81 ft WT: 48.5 lb OD: 2.24 in

Total Length: 44.66 ft Weight: 348.3 lb



- 3.34 ft R400 - Array Ind. One Res 40
  - 3.34 ft R300 - Array Ind. One Res 30
  - 3.34 ft RTAO - Array Ind. One Res Rt
  - 3.34 ft R850 - Array Ind. One Res 85
  - 3.34 ft R600 - Array Ind. One Res 60
  - 0.23 ft SPCG - Spontaneous Potential
  - Tool Zero (0.13ft from bottom)
  - 0.13 ft SMTU - DST Uphole Tension
- All measurements relative to tool zero.

COMPANY	BILL BARRETT CORPORATION
WELL	CB-TG LAND 11B-20-692
FIELD	MAMM CREEK
PROVINCE/COUNTY	GARFIELD
COUNTRY/STATE	U.S.A. / COLORADO

Elevation Kelly Bushing	5553.00	feet	First Reading	8062.00
Elevation Drill Floor	5552.00	feet	Depth Driller	8090.00 feet
Elevation Ground Level	5530.00	feet	Depth Logger	8085.00 feet



**Weatherford®**

HOLE VOLUME  
 CALIPER  
 LOG

