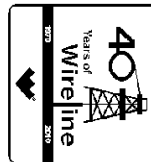




Weatherford

**HOLE VOLUME
CALIPER
LOG**

COMPANY **BILL BARRETT CORPORATION**
WELL **MILLER 33D-6-791**
FIELD **GIBSON GULCH**
PROVINCE/COUNTY **GARFIELD**
COUNTRY/STATE **U.S.A. / COLORADO**
LOCATION **SHL: 38' FNL & 2404' FEL**
BHL: 165' FNL 2080' FEL



SEC **6** TWP **7S** RGE **91W** Other Services
MPD/MDN
MAI/MFE
API Number **05-045-18667**
Permit Number

Permanent Datum G.L., Elevation 6291 feet
Log Measured From K.B. @ 22FEET above Permanent Datum
Drilling Measured From K.B.

Elevations:
KB 6288.00
DF 6287.00
GL 6266.00

Date	17-JAN-2011	
Run Number	ONE	
Depth Driller	7145.00	feet
Depth Logger	7144.00	feet
First Reading	7120.00	
Last Reading	742.00	
Casing Driller	746.00	feet
Casing Logger	742.00	feet
Bit Size	7.875	inches
Hole Fluid Type	LSND	
Density / Viscosity	10.30 lb/USg	55.00 CP
PH / Fluid Loss	11.00	5.80 ml/30Min
Sample Source	FLOW LINE	
Rm @ Measured Temp	5.60 @ 70.0	ohm-m
Rmf @ Measured Temp	4.48 @ 70.0	ohm-m
Rmc @ Measured Temp	6.72 @ 70.0	ohm-m
Source Rmf / Rmc	CALC	CALC
Rm @ BHT	2.39 @ 167.0	ohm-m
Time Since Circulation	6 HOURS	
Max Recorded Temp	167.00	deg F
Equipment Name	COMPACT	
Equipment / Base	13037	RK SPR
Recorded By	J. PAULSON	
Witnessed By	R. SCHULTZ	

BOREHOLE RECORD

Last Edited: 17-JAN-2011 14:00

Bit Size inches	Depth From feet	Depth To feet
8.750	746.00	4565.00
7.875	4565.00	7145.00

CASING RECORD

Type	Size inches	Depth From feet	Shoe Depth feet	Weight pounds/ft
SURFACE	9.625	0.00	746.00	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
MDN: (1) DUAL BOWSPRING

2.68 G/CC DENSITY MATRIX USED TO CALCULATE POROSITY.

ALL INTERVALS LOGGED AND SCALED PER CUSTOMER'S REQUEST.

TIGHT PULLS, BOREHOLE SIZE, AND RUGOSITY WILL AFFECT REPEATABILITY AND DATA QUALITY.

TOTAL HOLE VOLUME FROM TD TO SURFACE CASING = 2580 CU.FT.

ANNULAR VOLUME WITH 4.5 INCH PRODUCTION CASING = 1870 CU.FT.

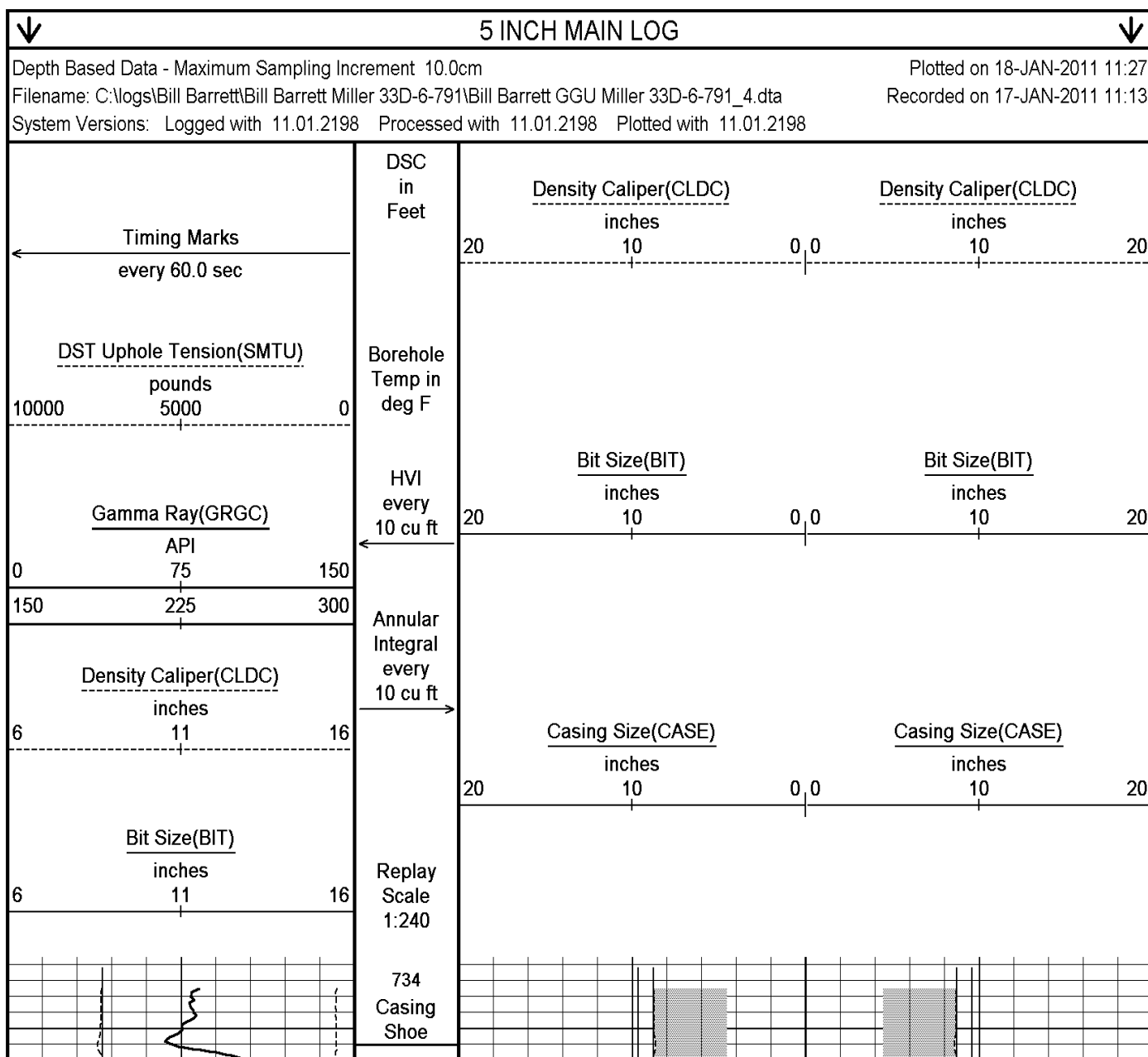
ENGINEER(S): J. PAULSON

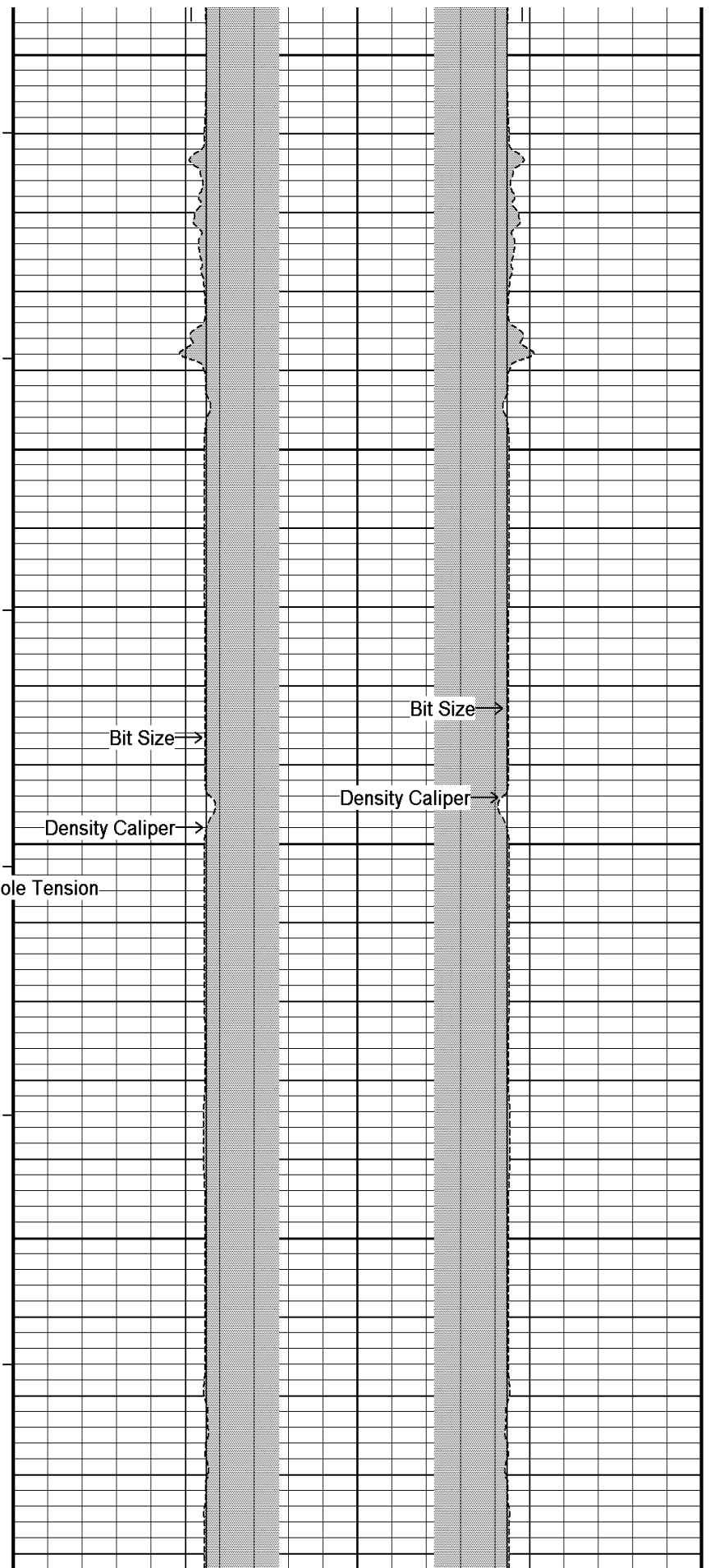
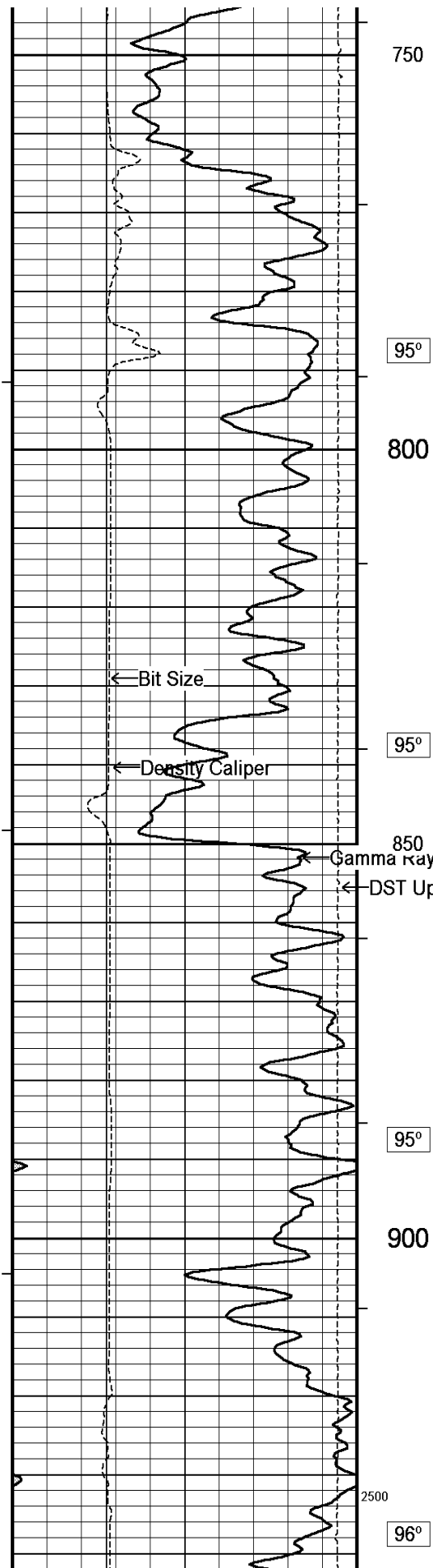
OPERATOR(S): B. PECK, C. FINSTAD

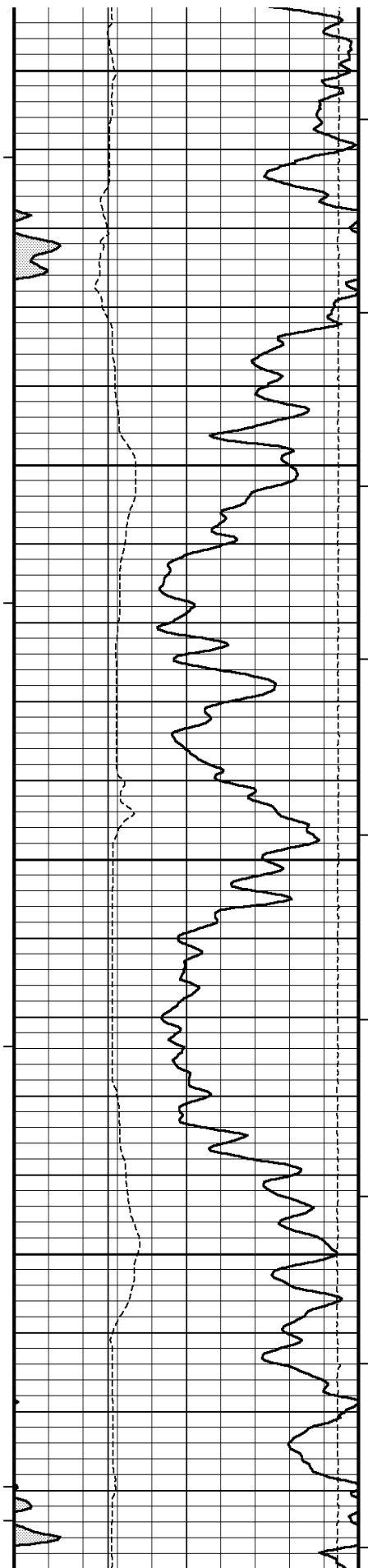
SERVICE ORDER: #3526690

RIG: PATTERSON #313

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.







950

1800

96°

1000

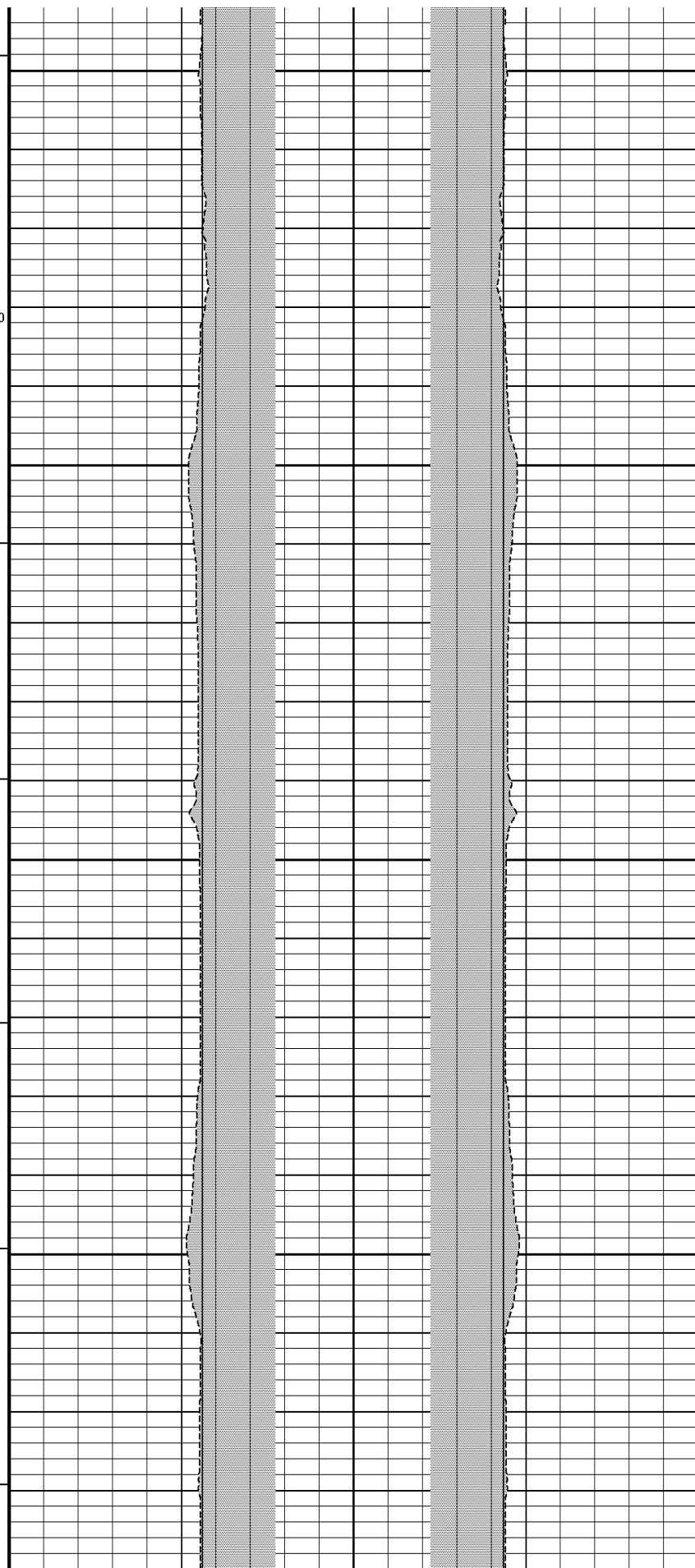
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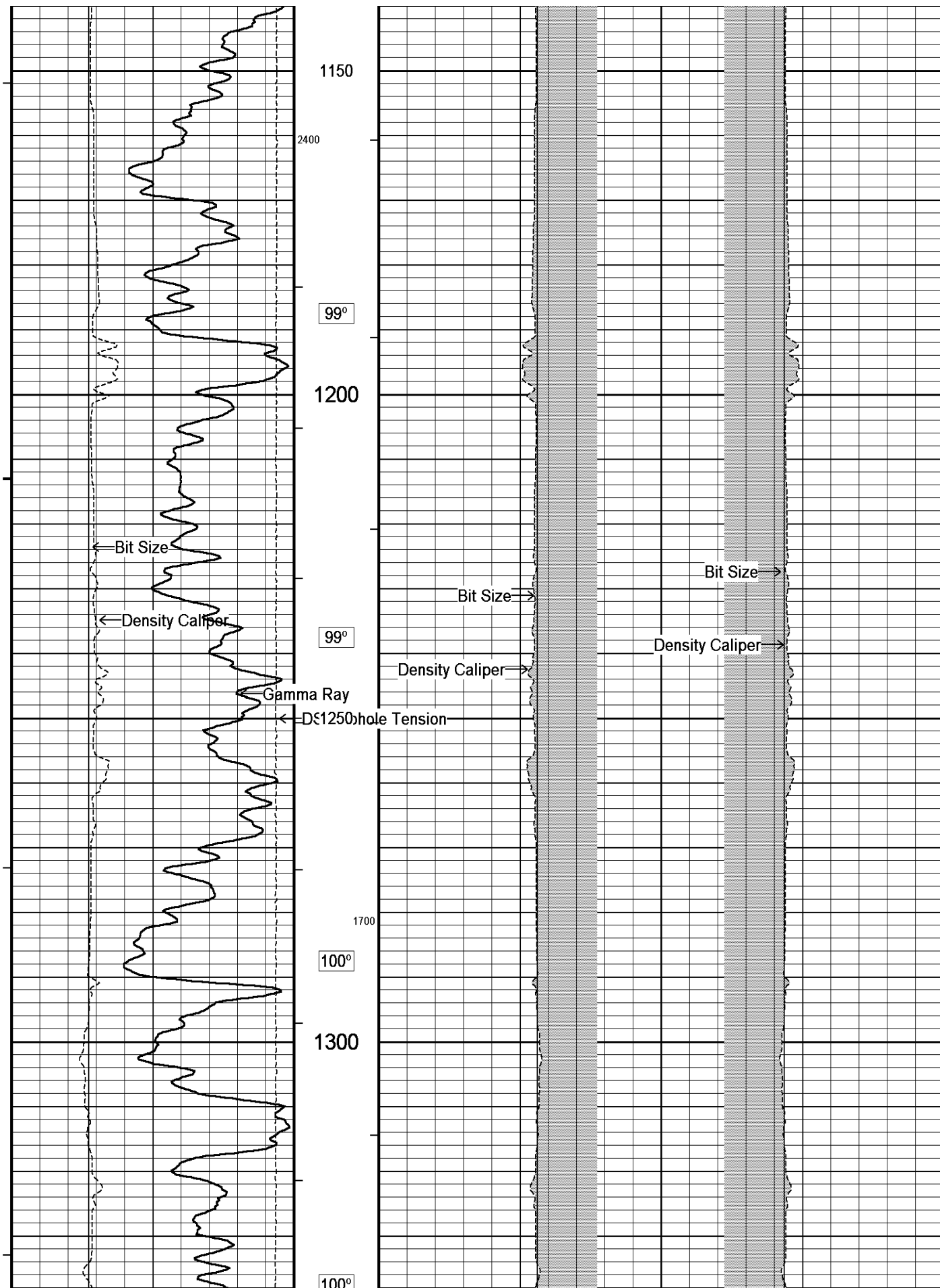
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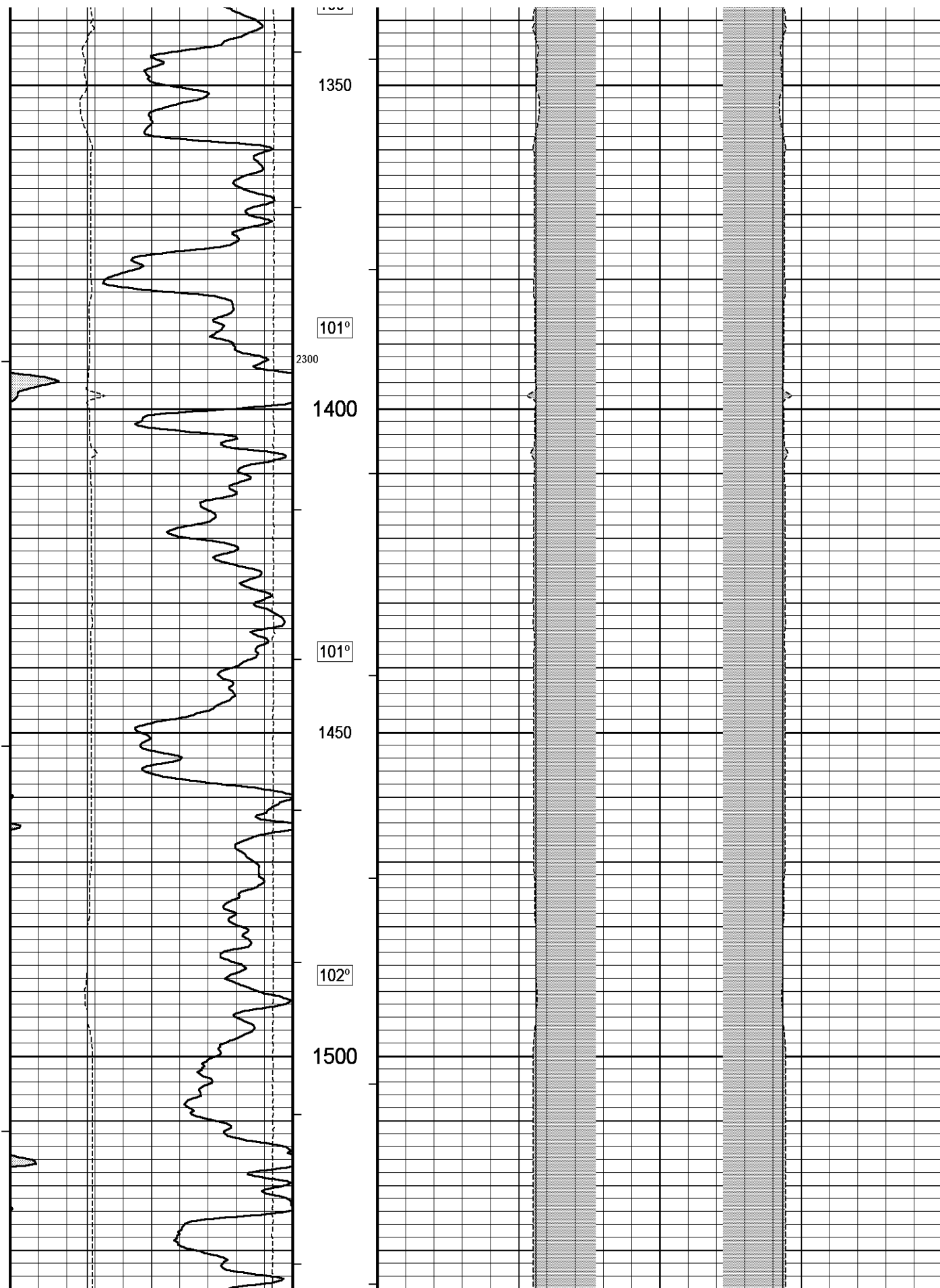
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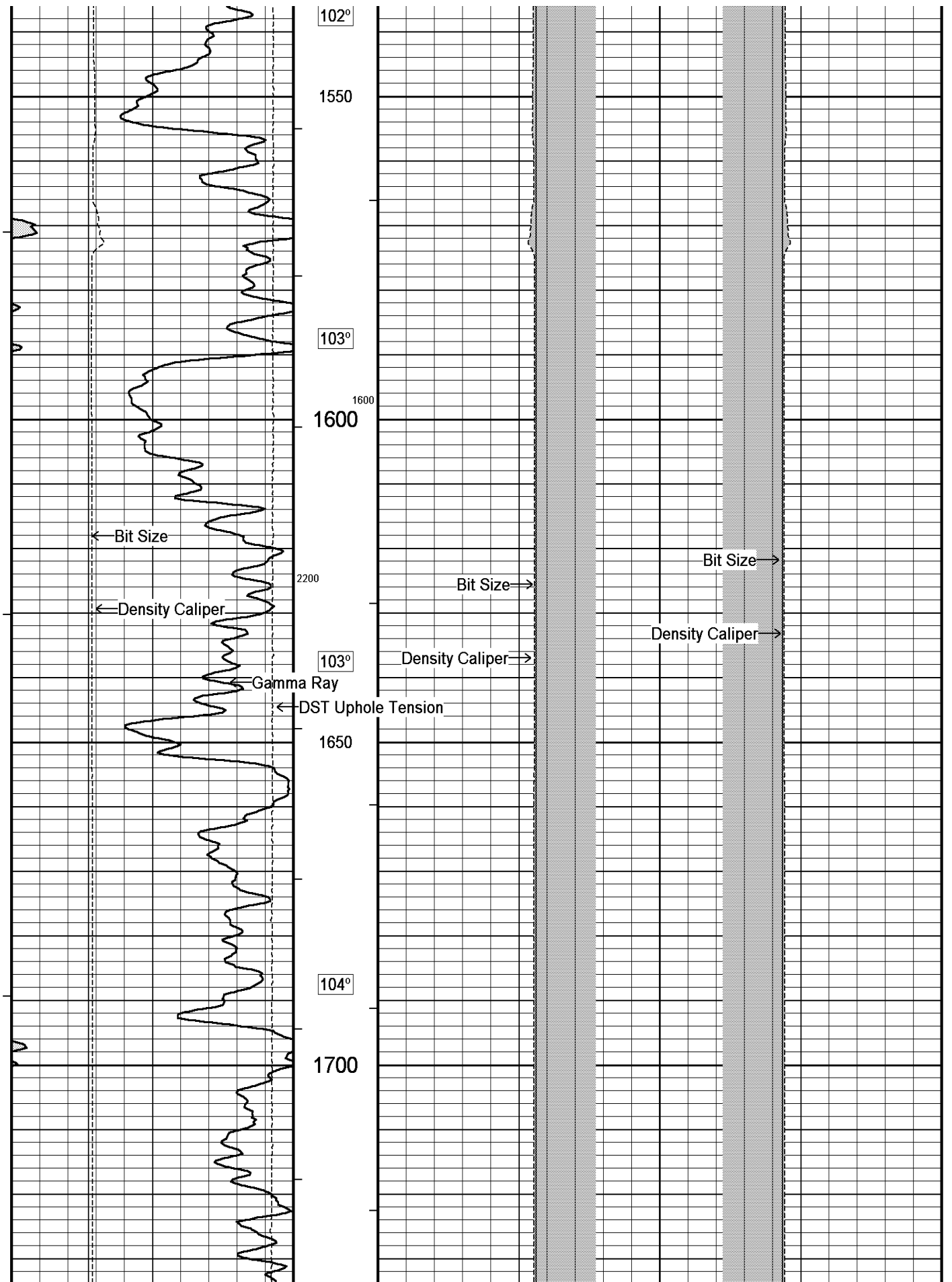
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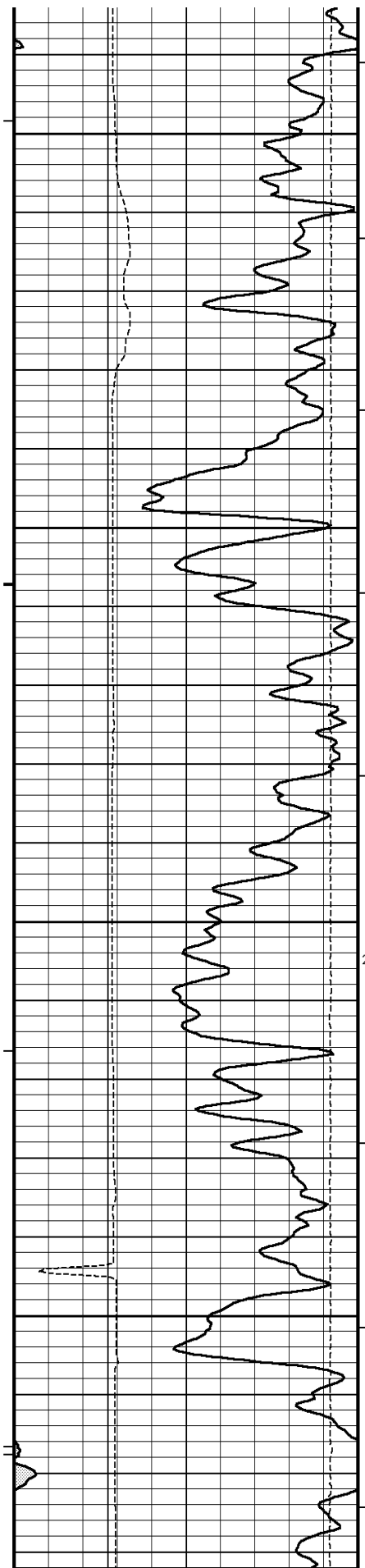
99°











104°

1750

105°

1800

105°

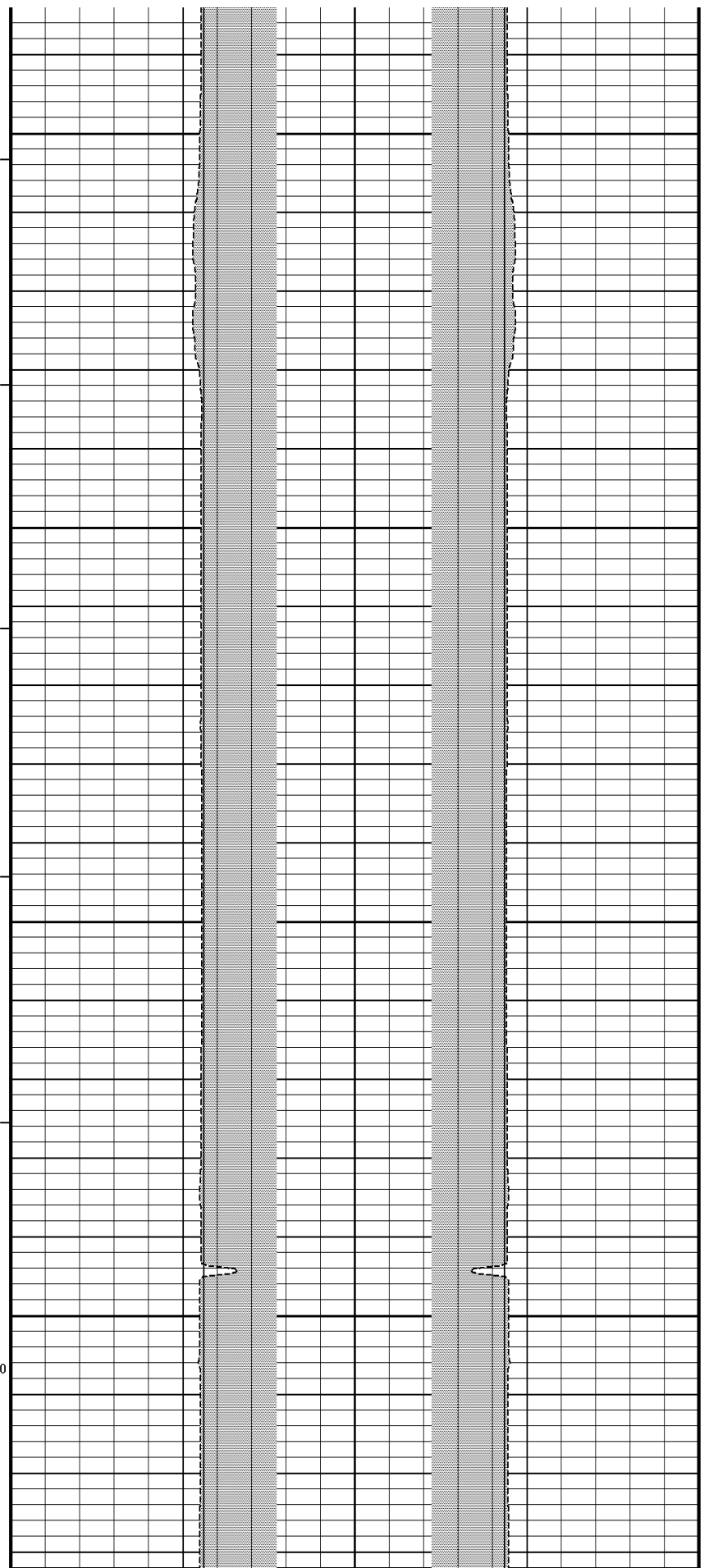
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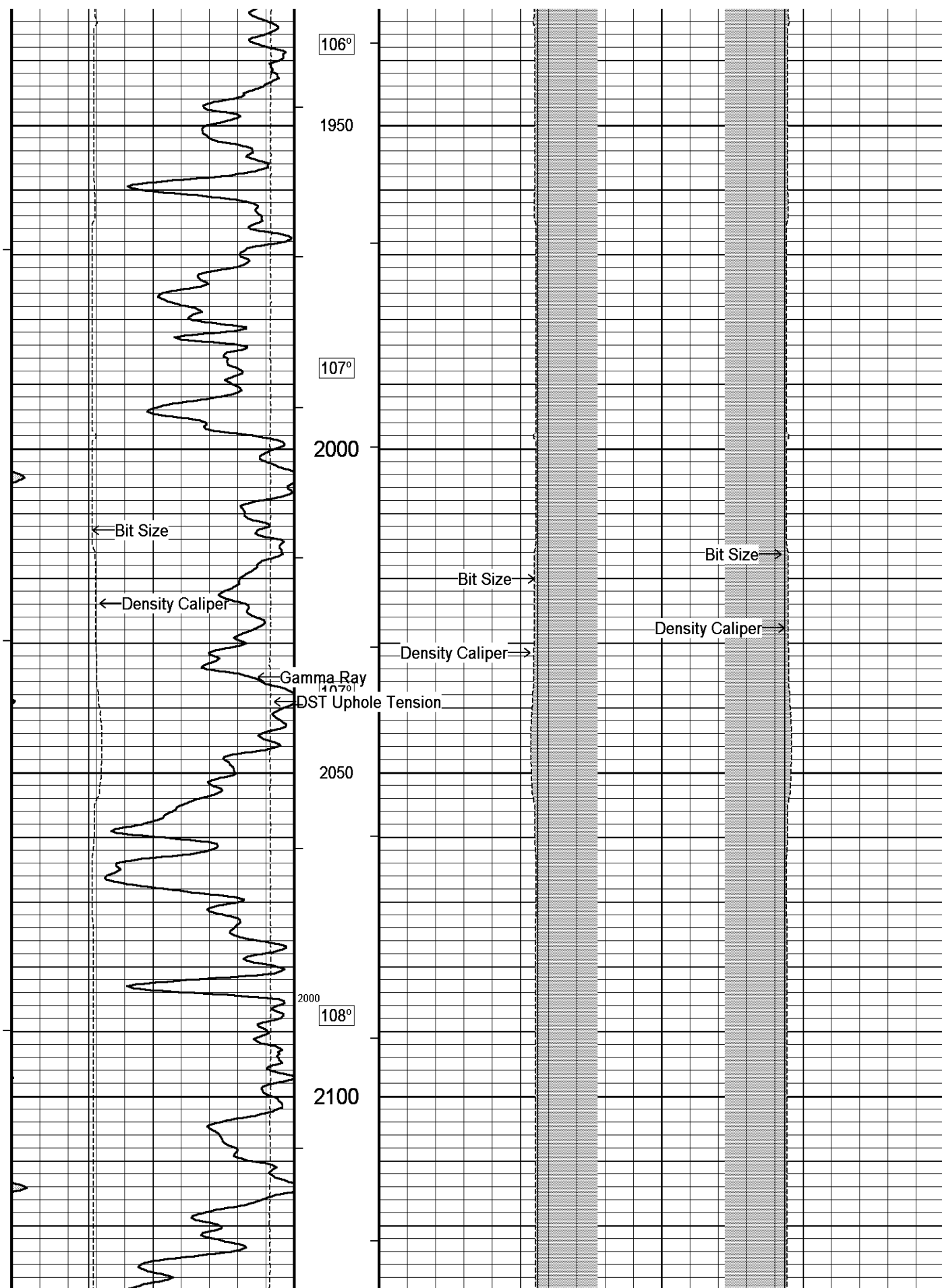
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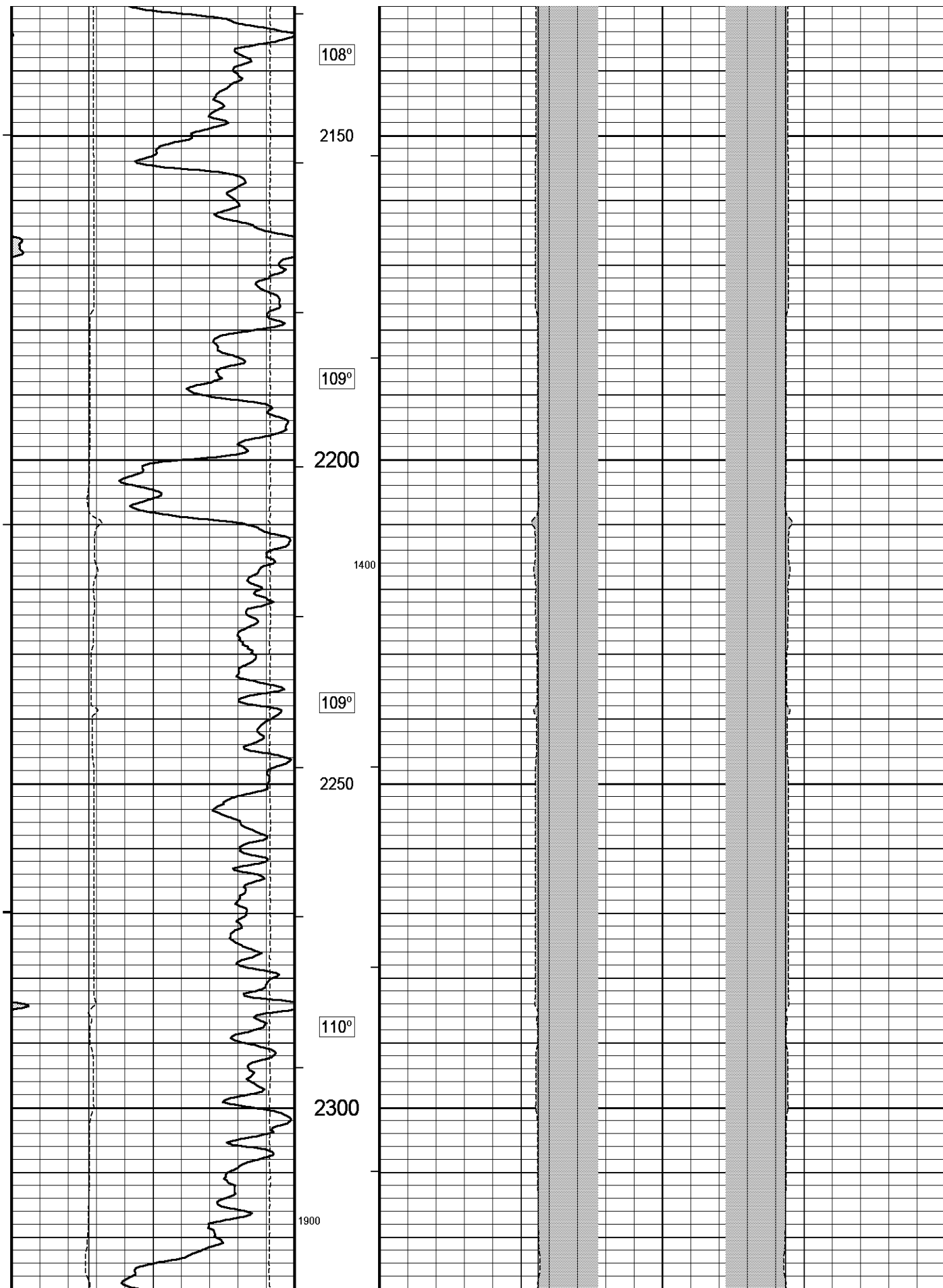
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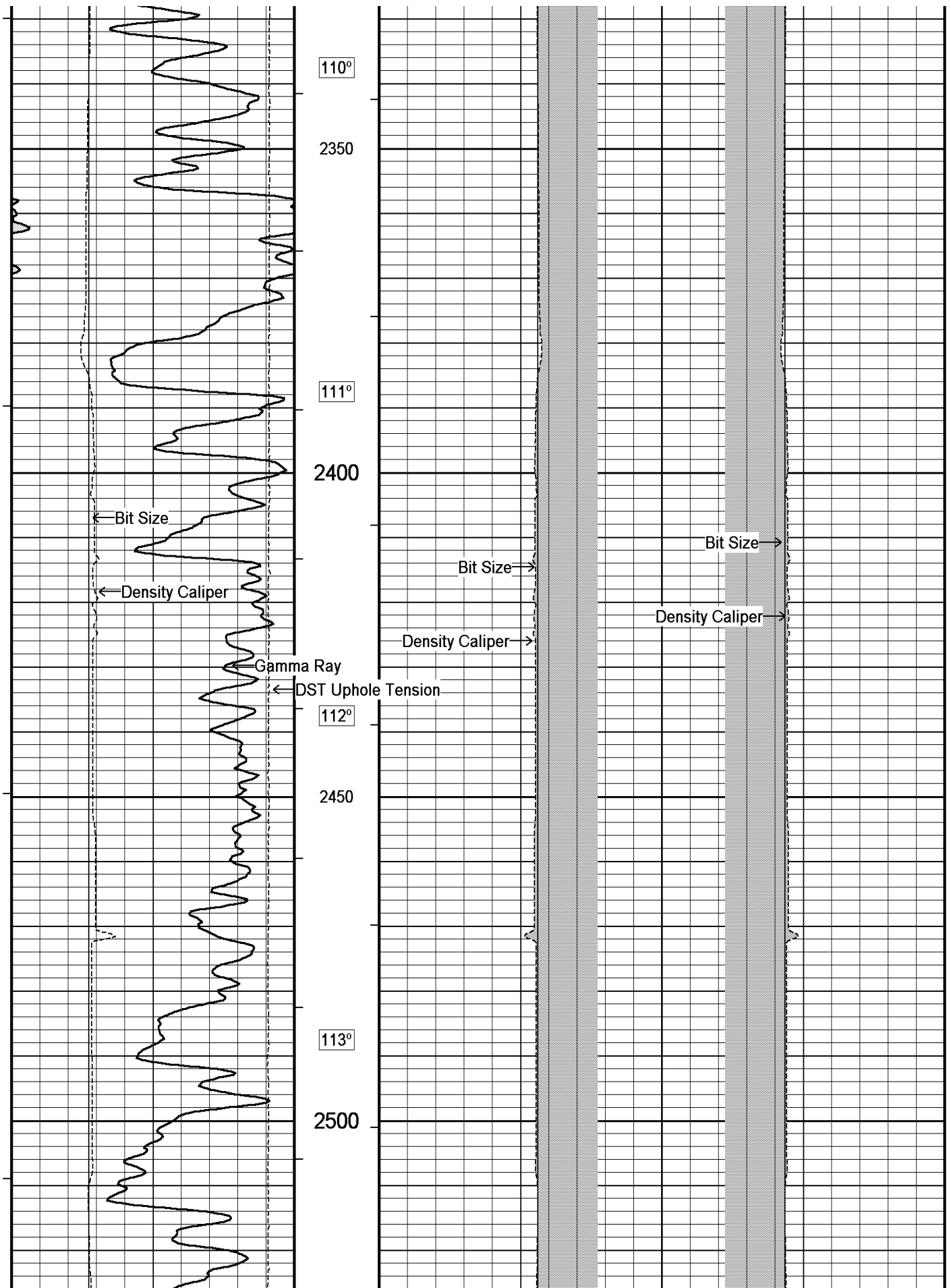
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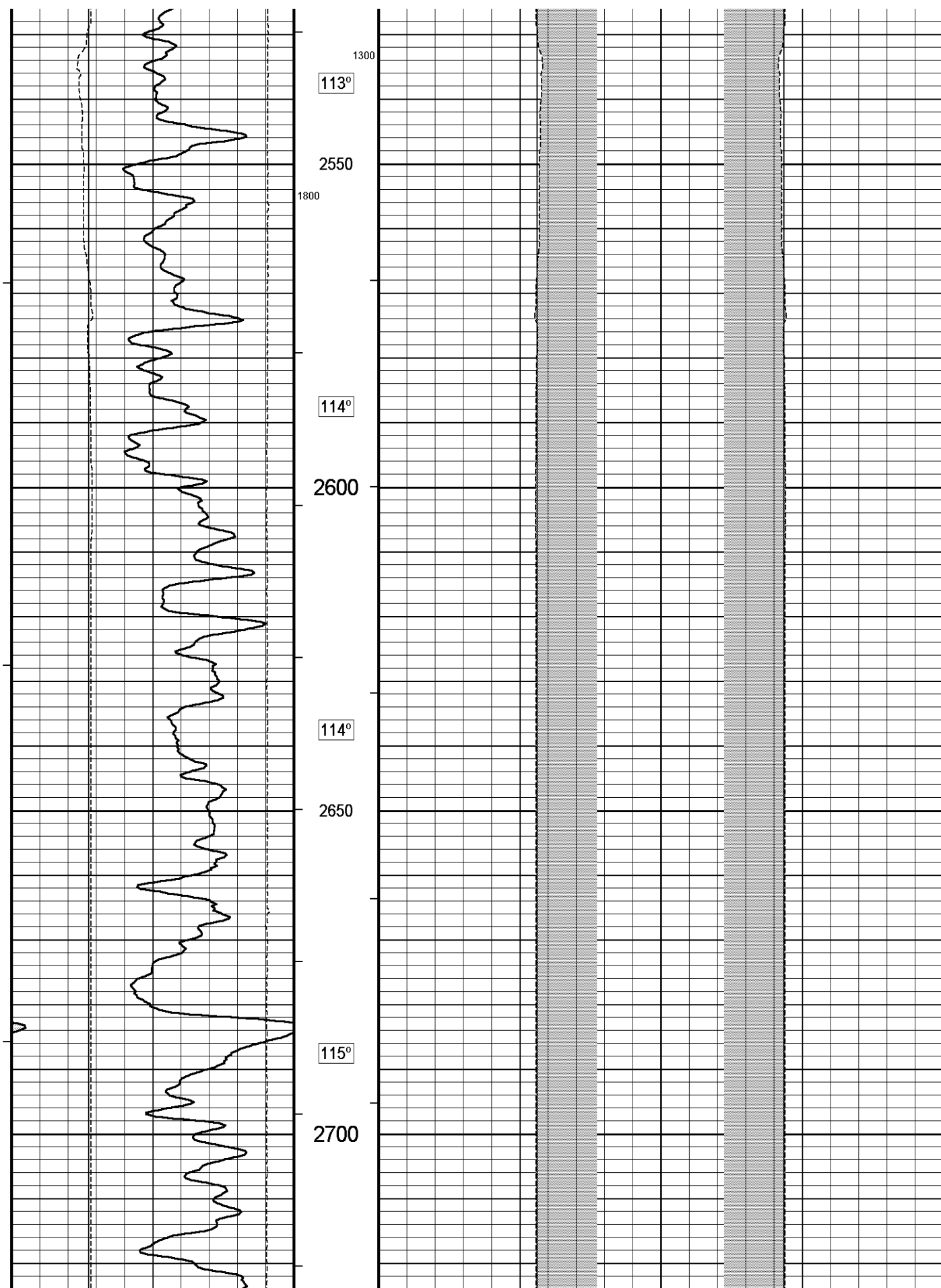
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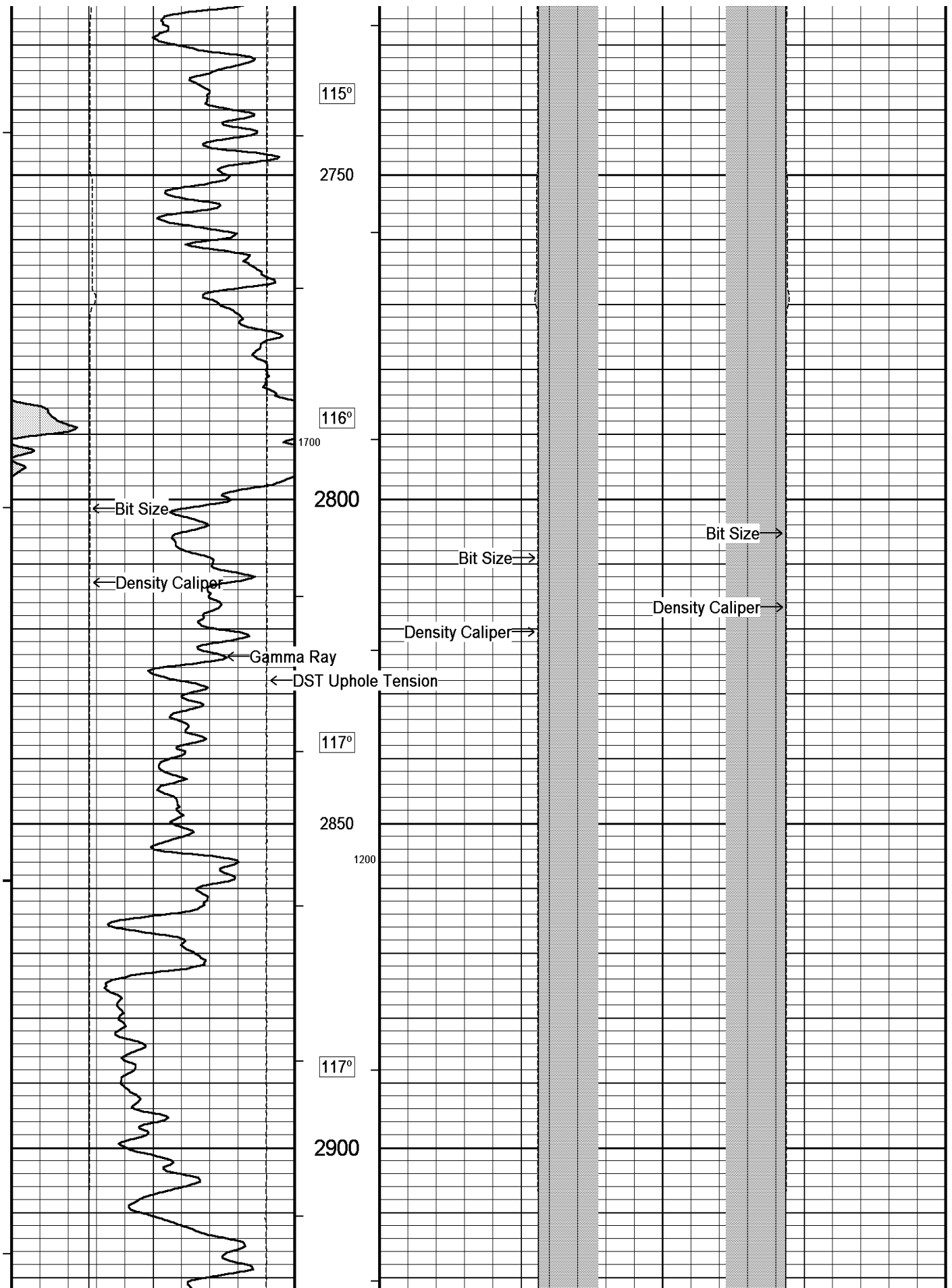


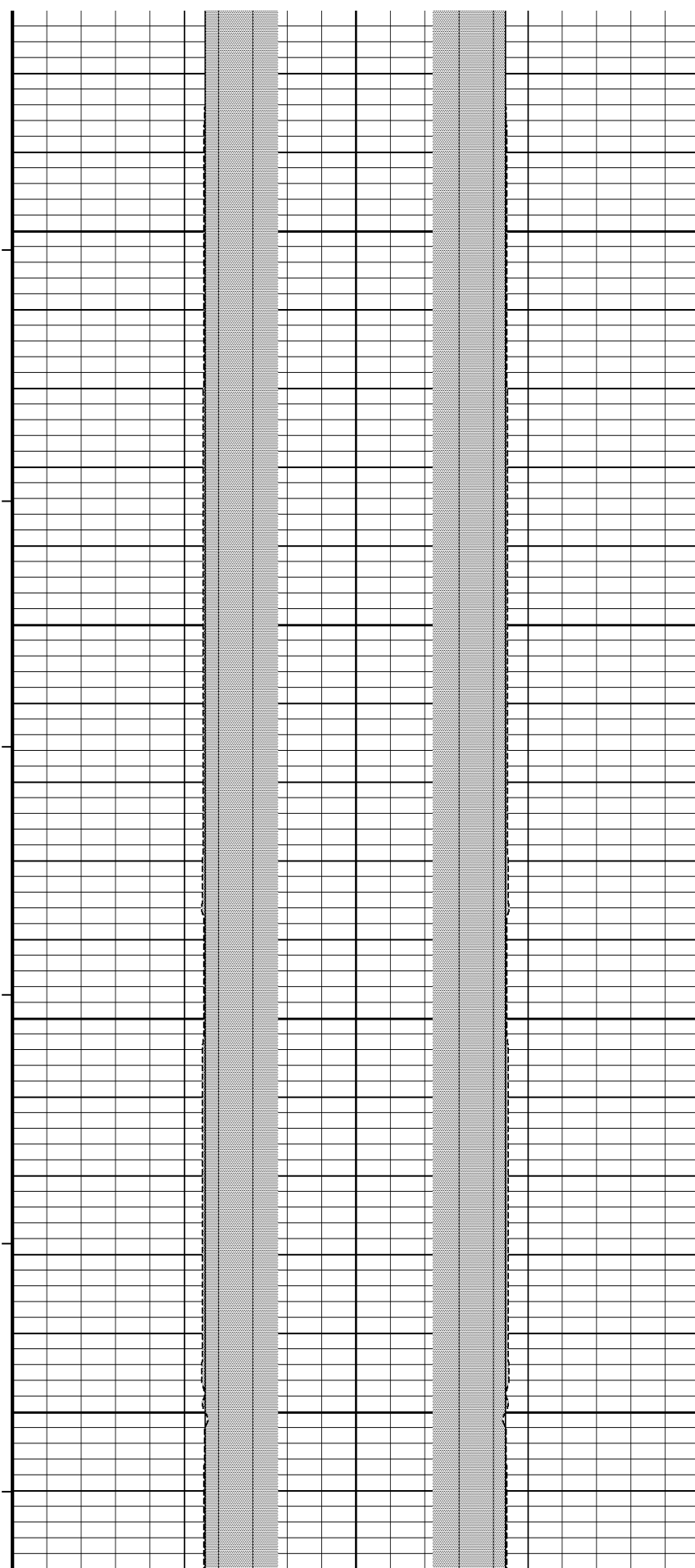
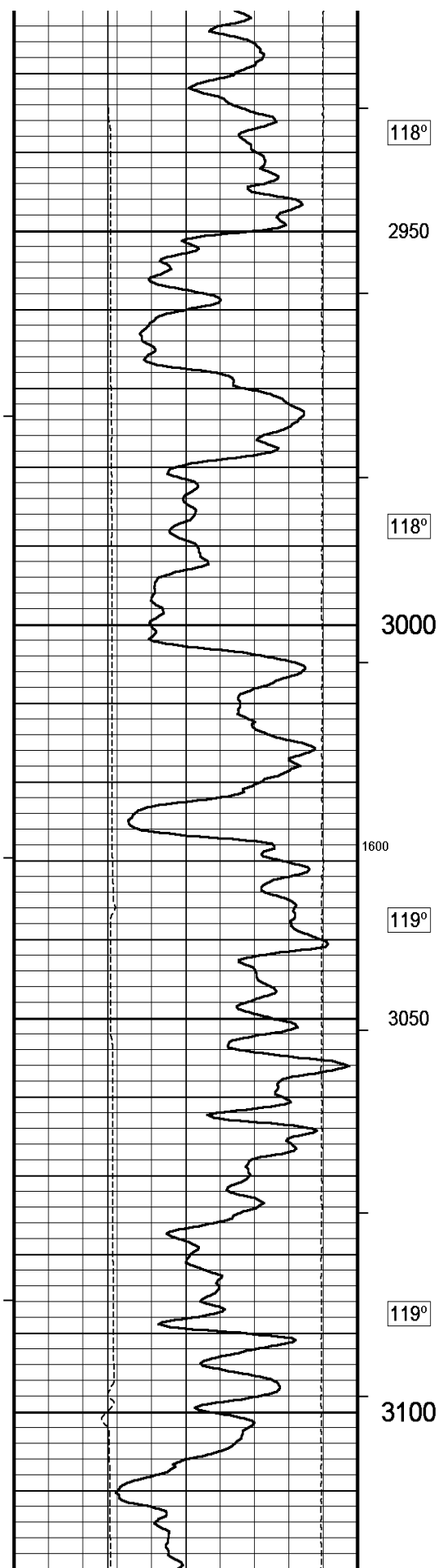


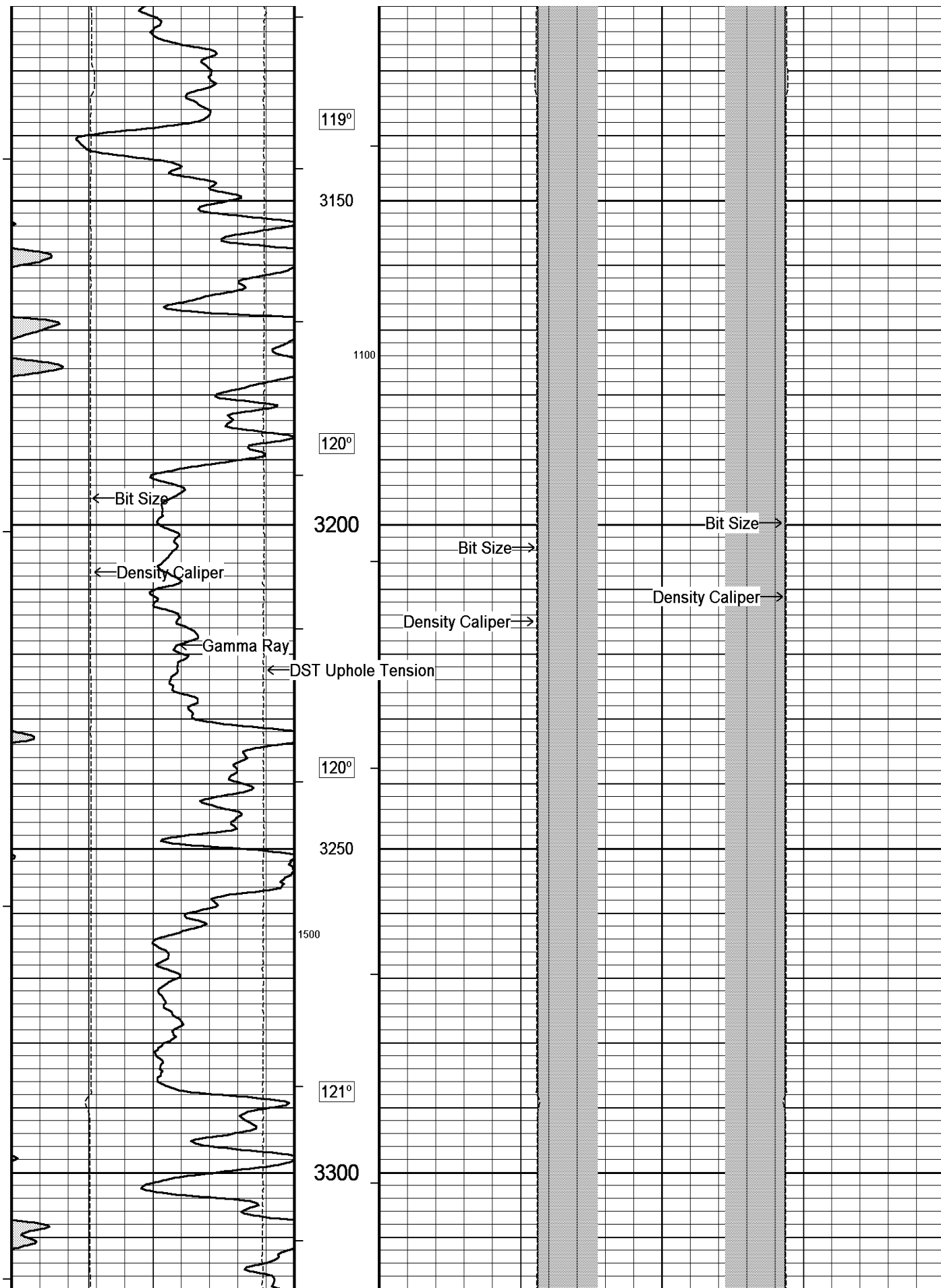


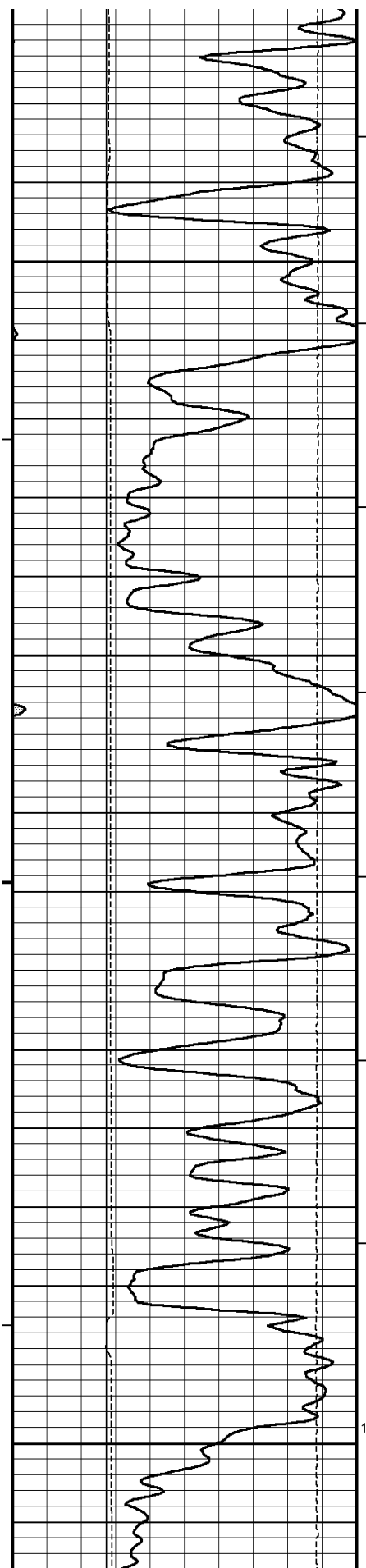












121°

3350

122°

3400

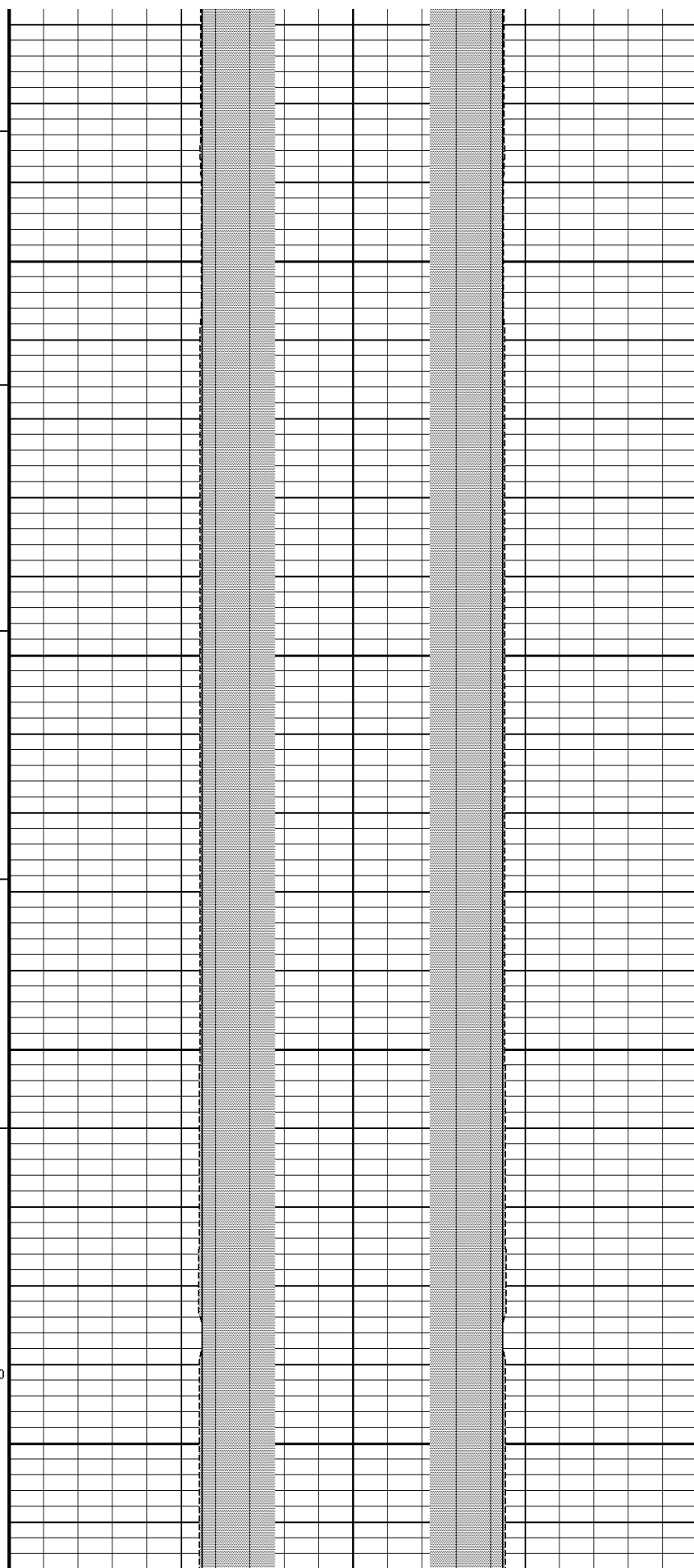
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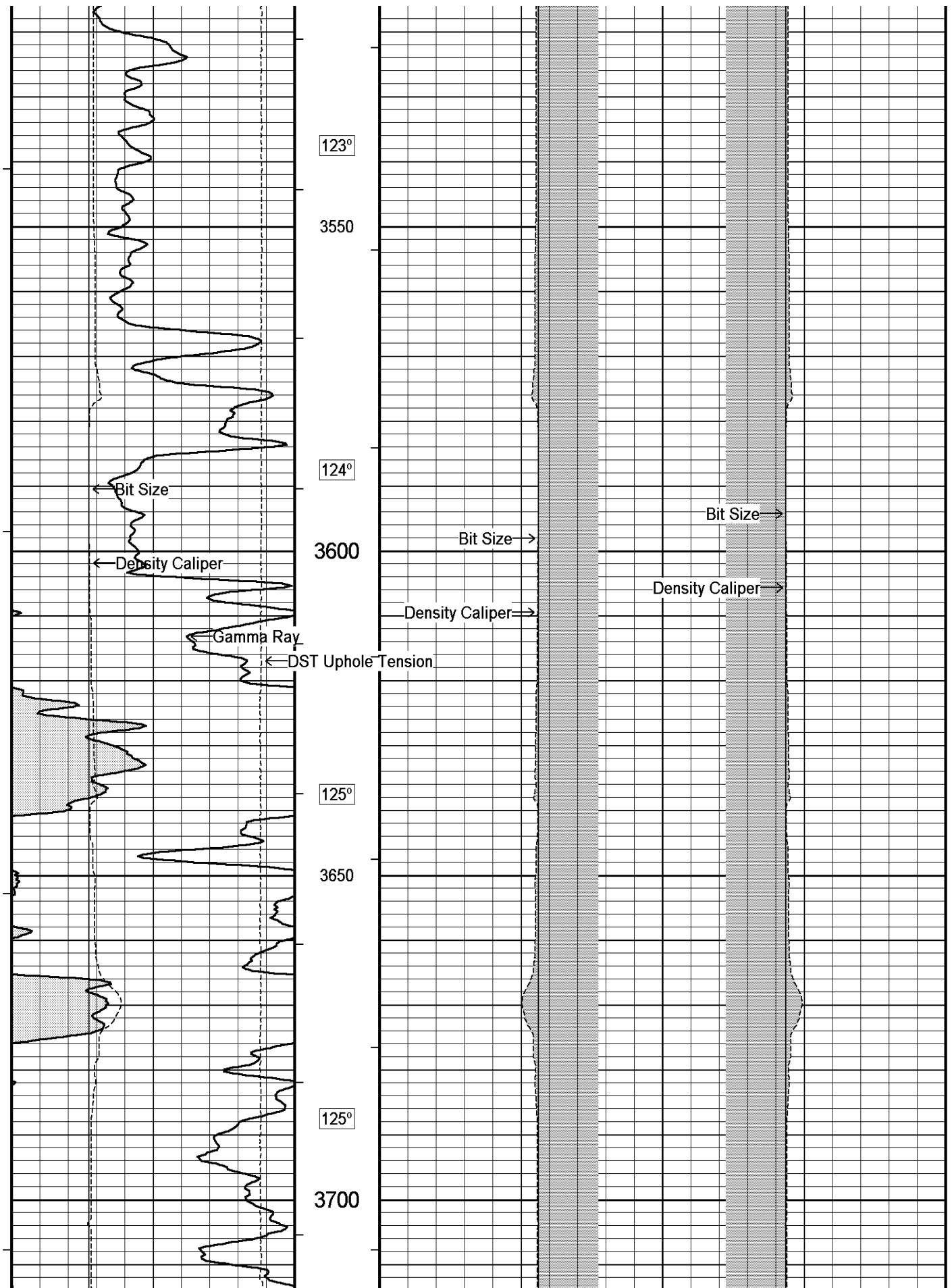
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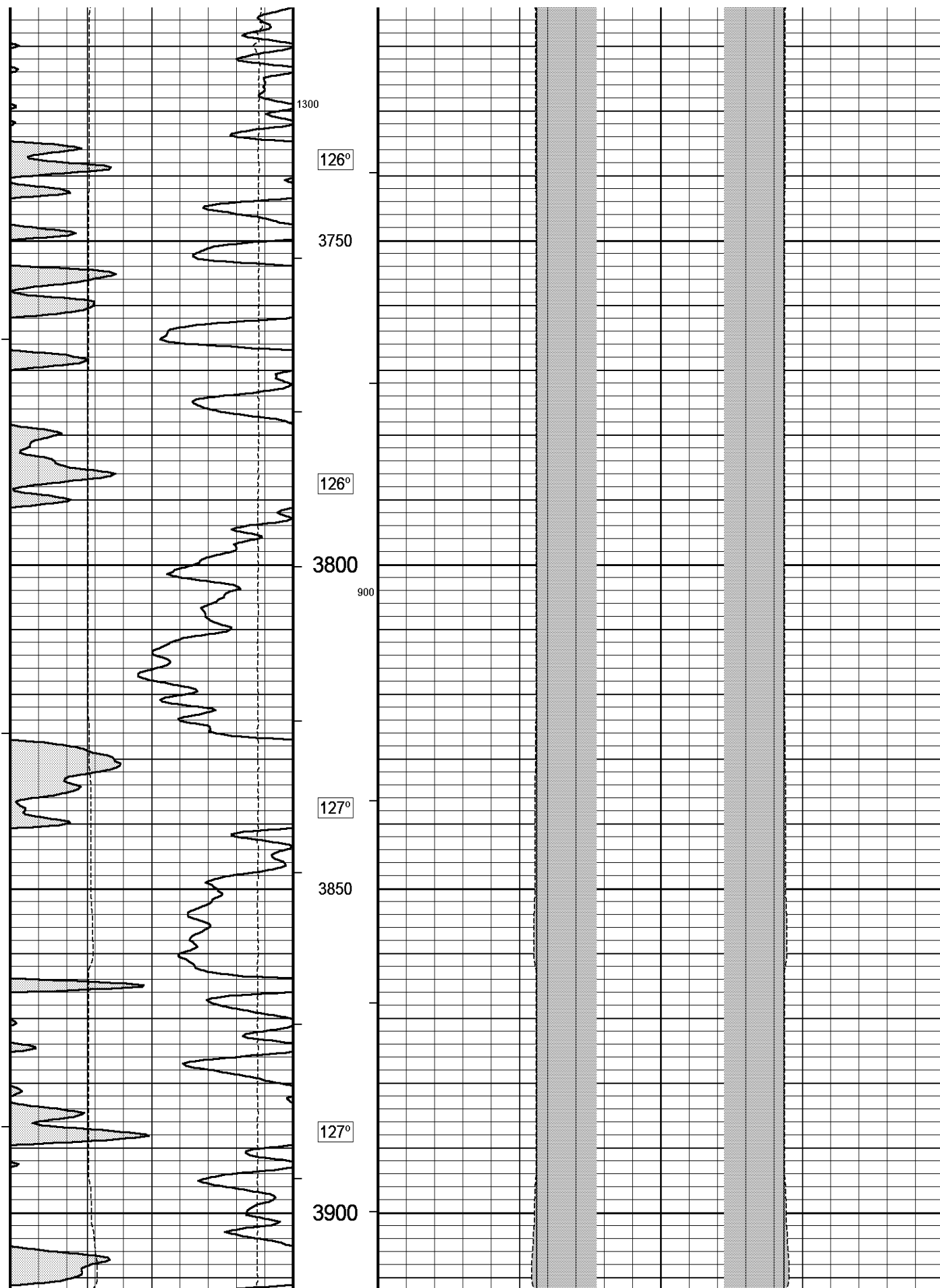
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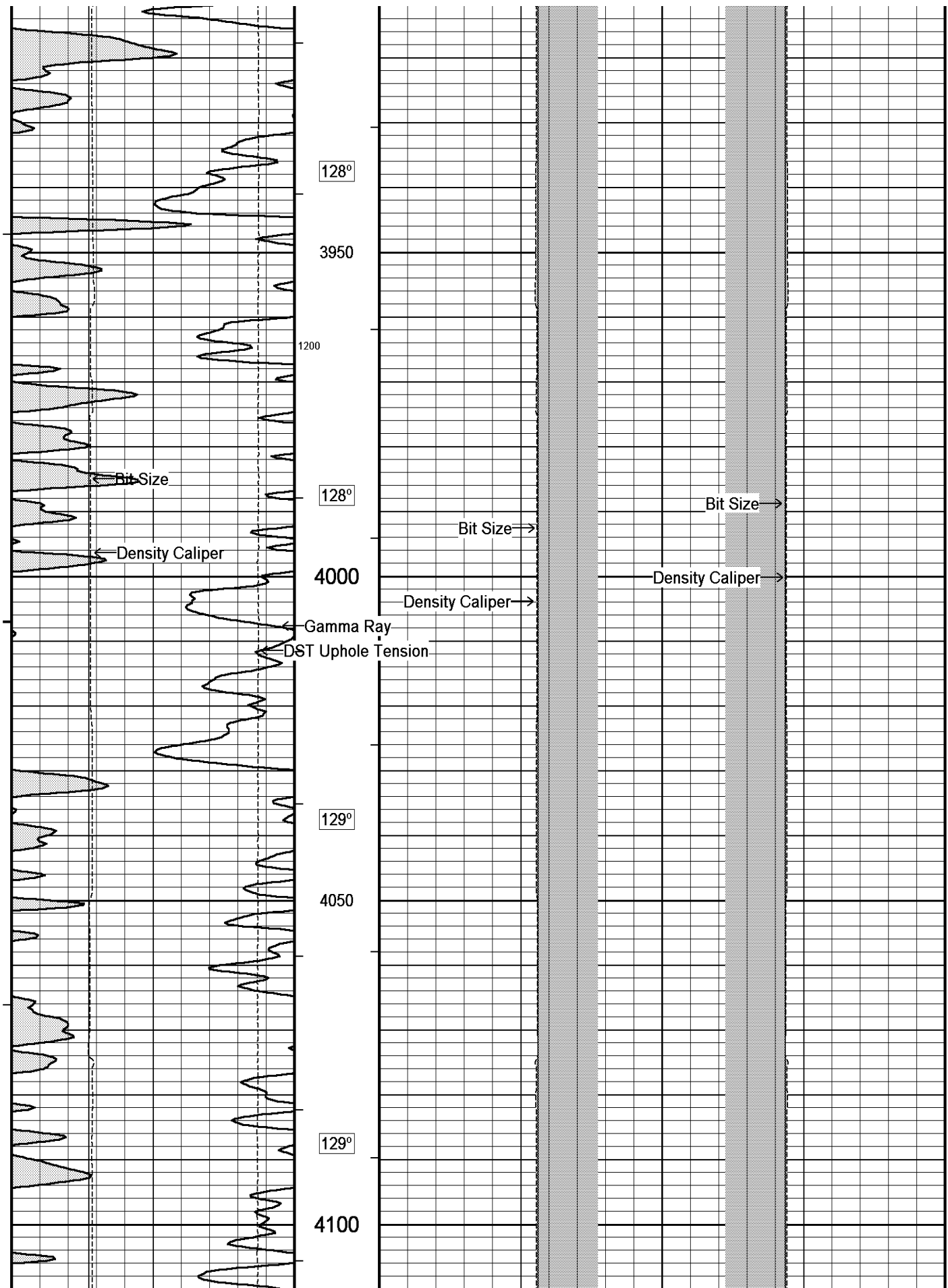
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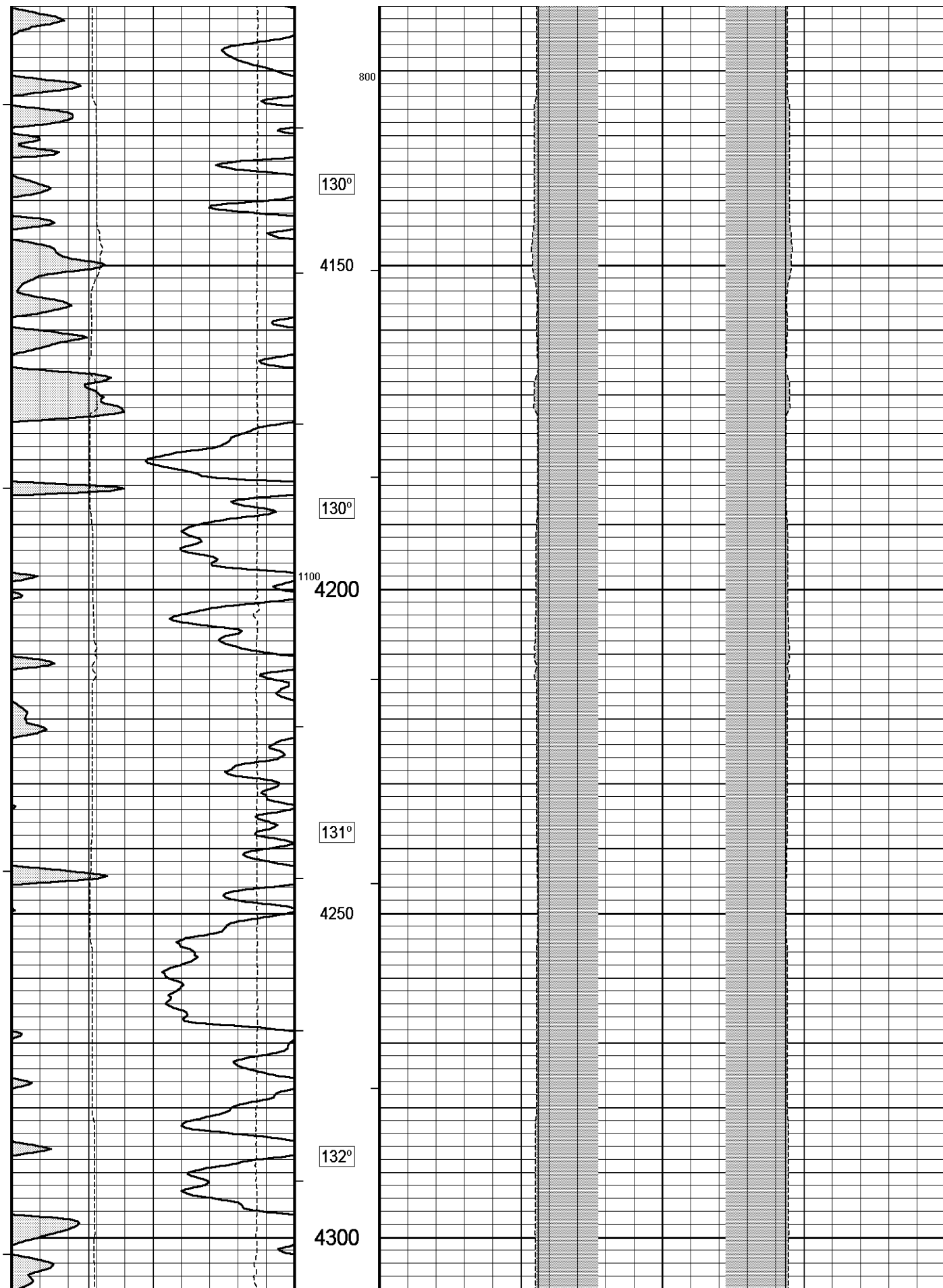
1400
3500

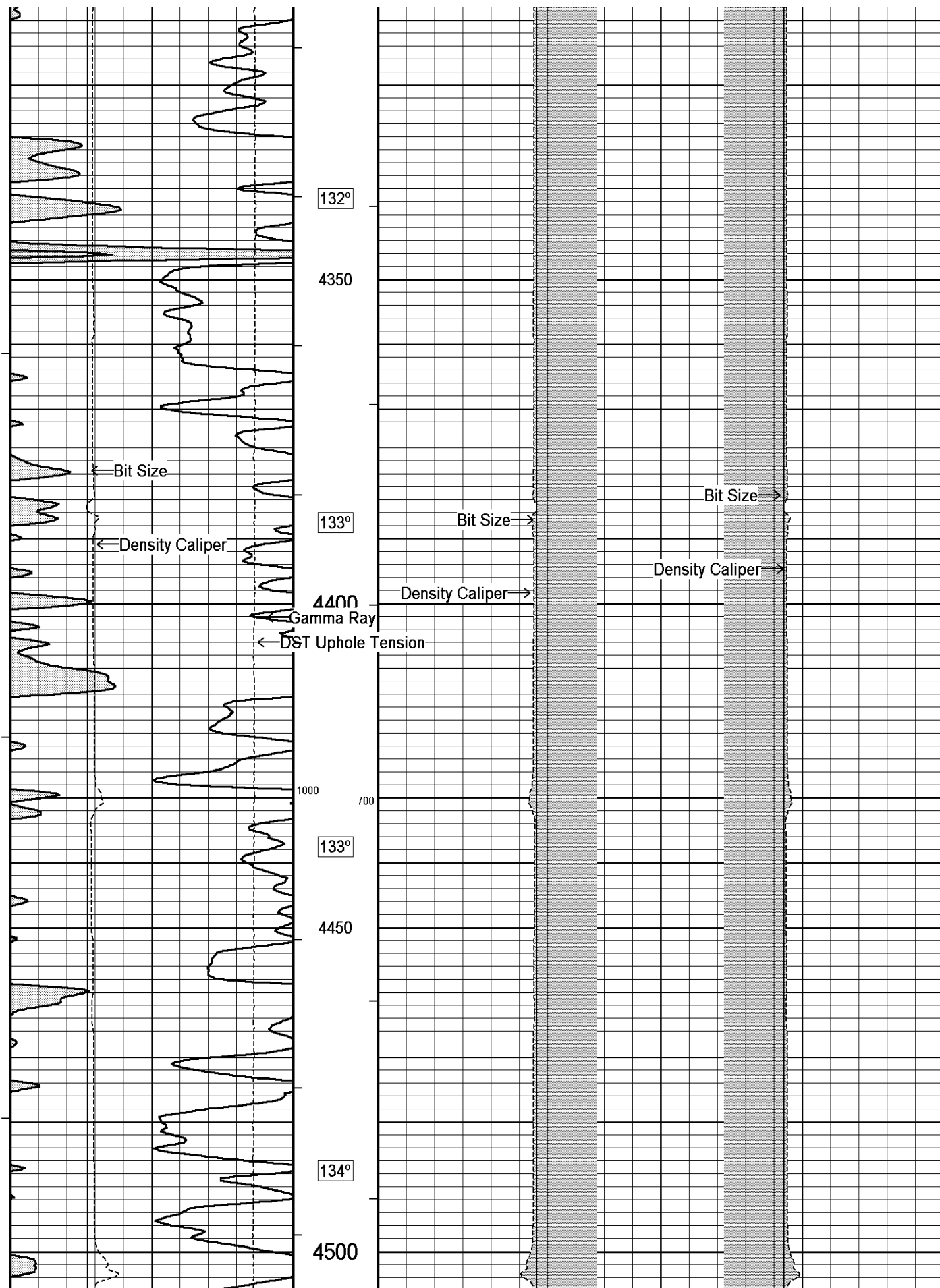


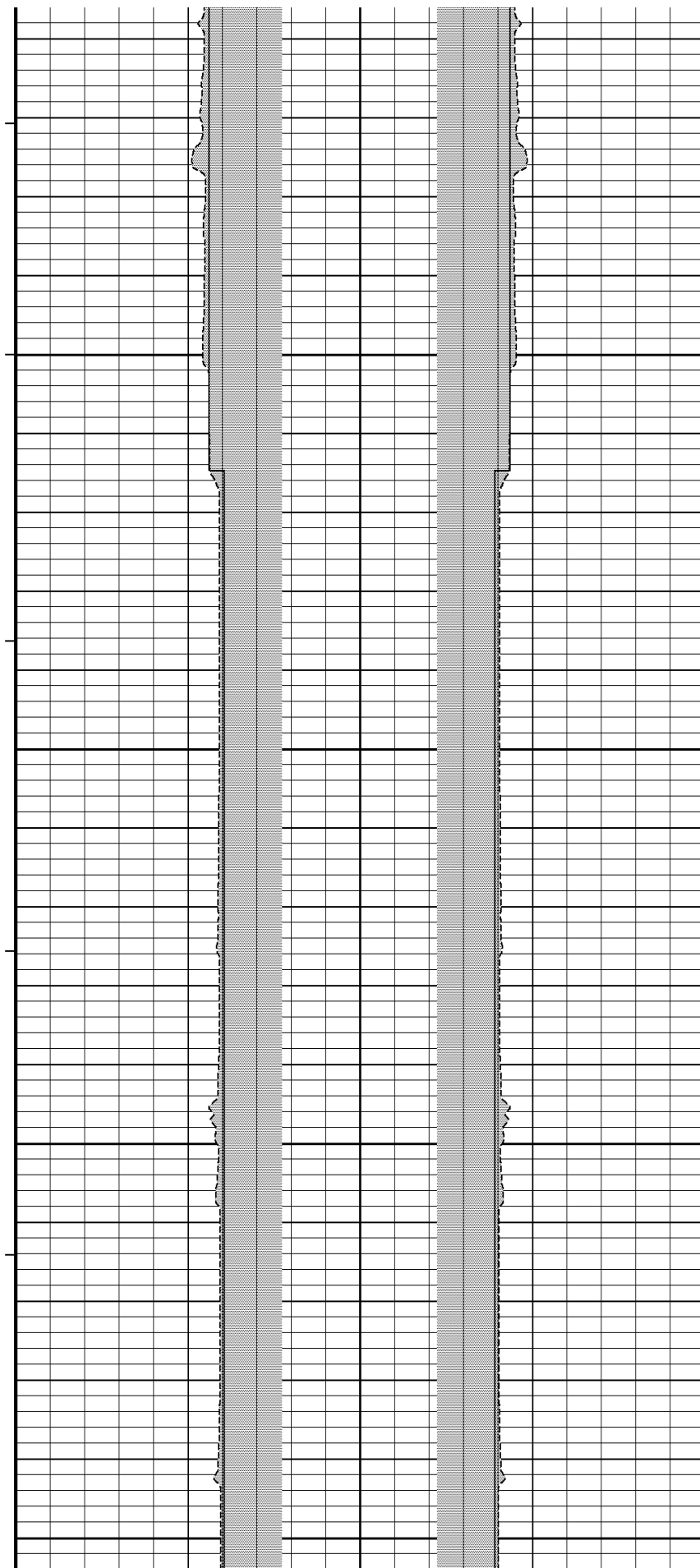
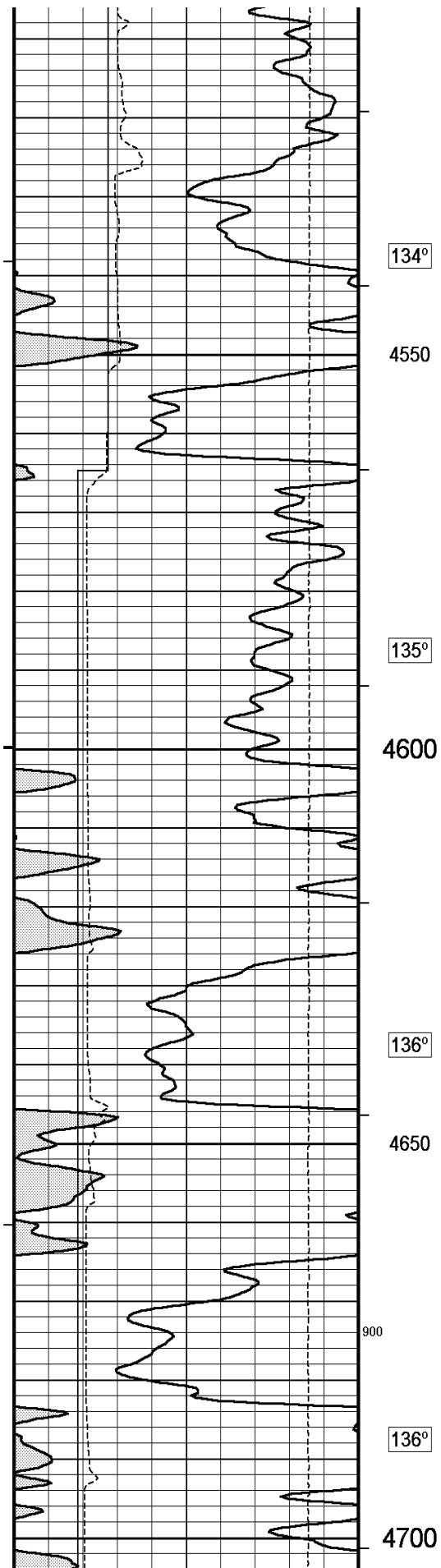


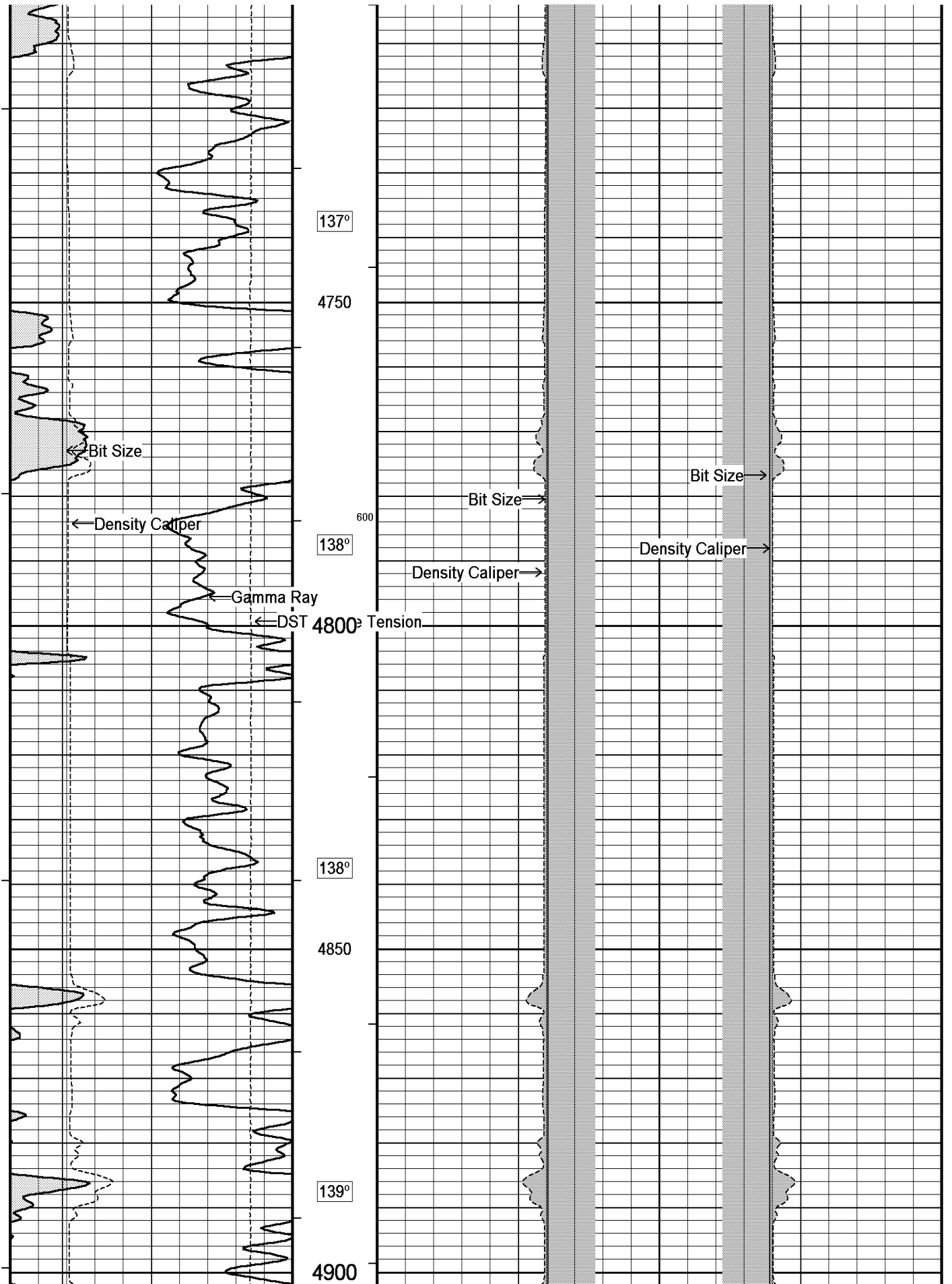


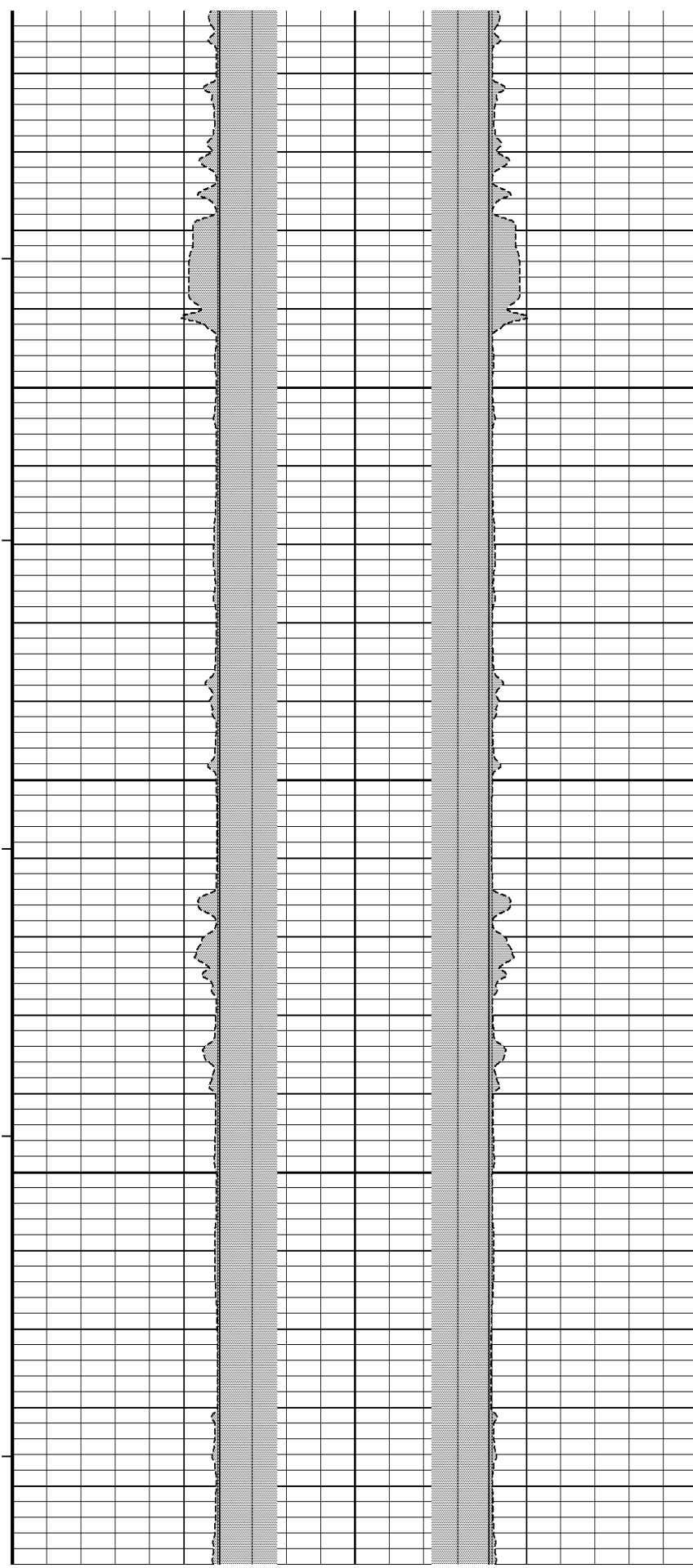
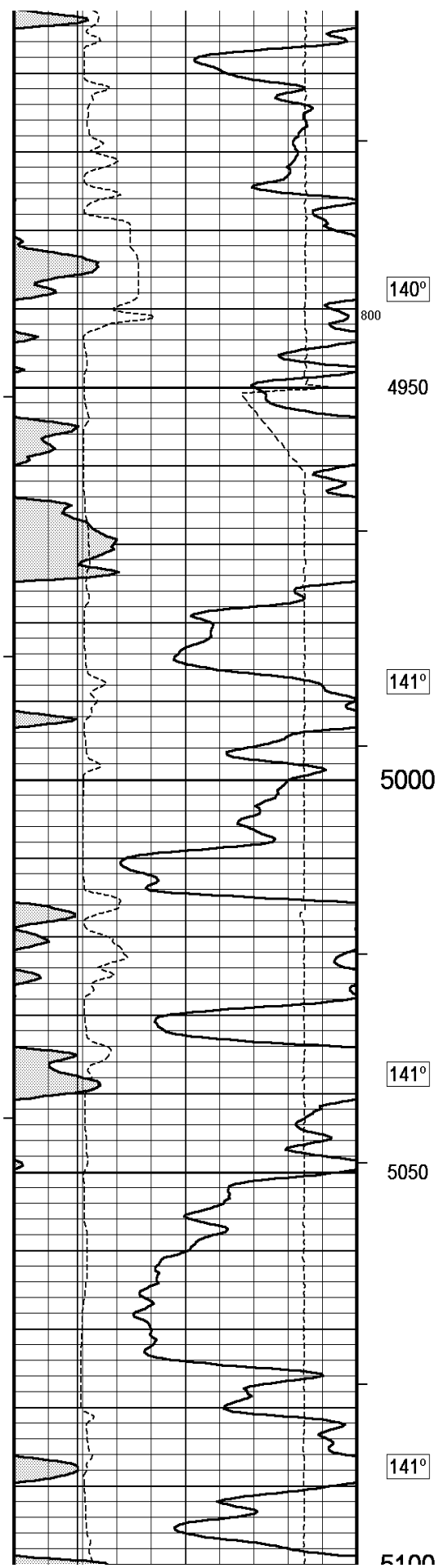


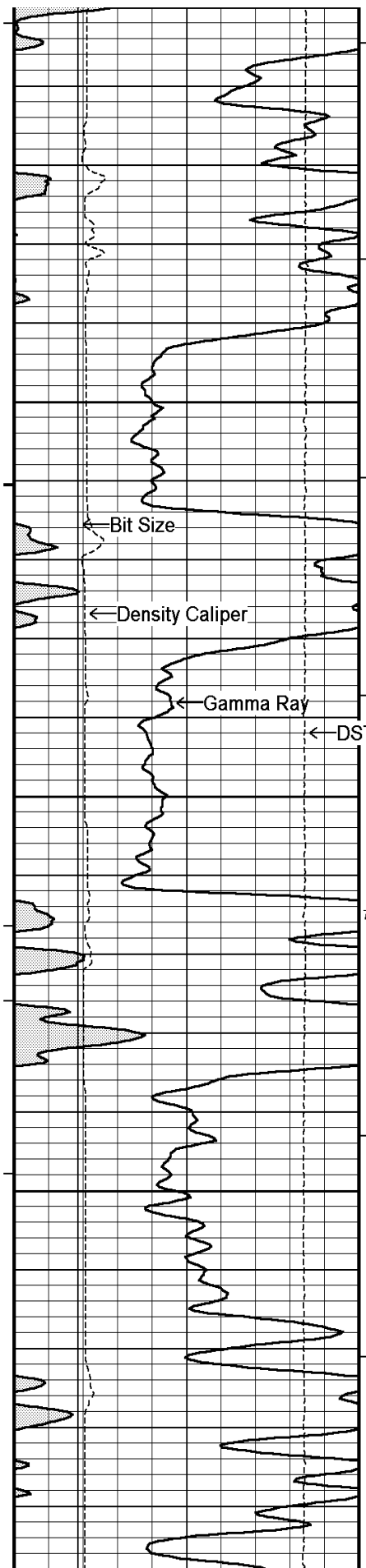












5100

142°

5150

500

142°

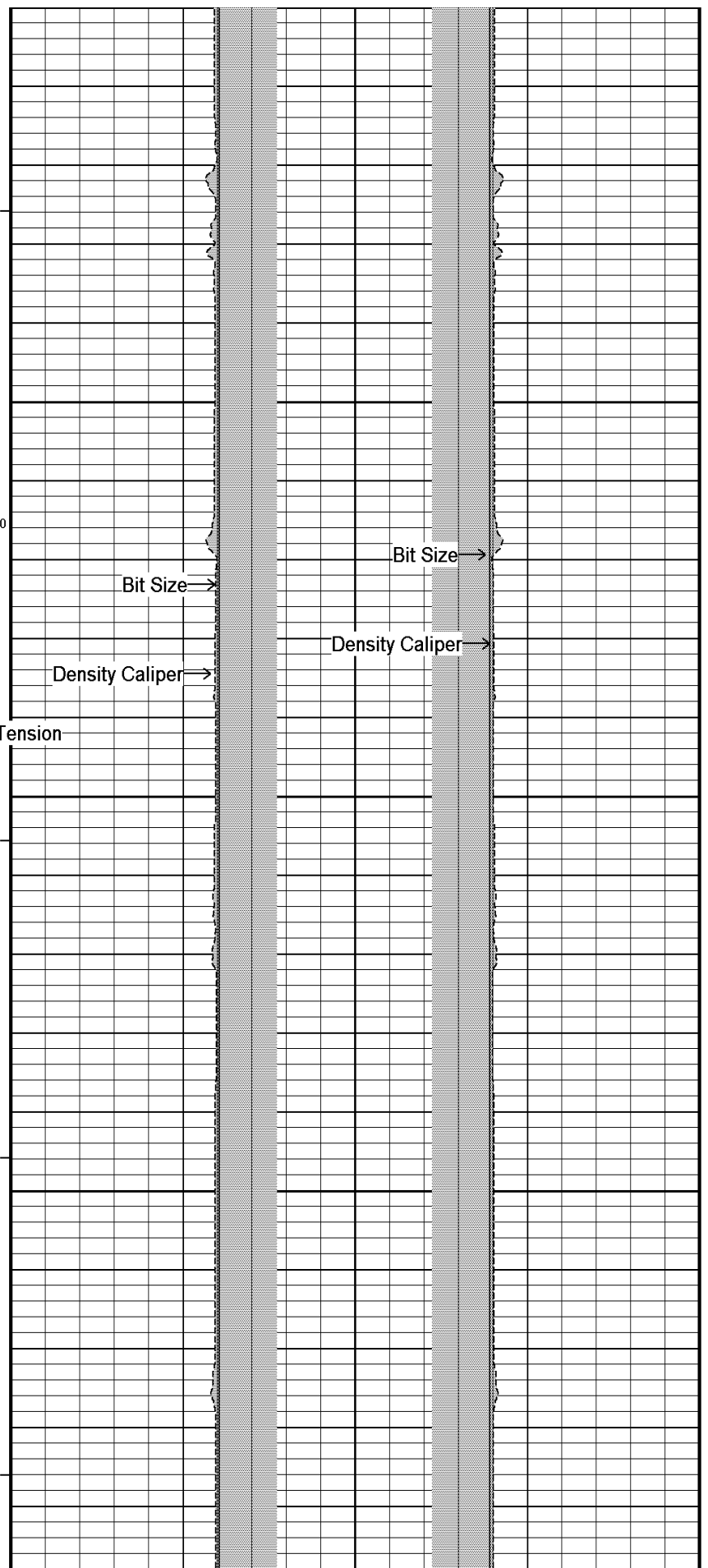
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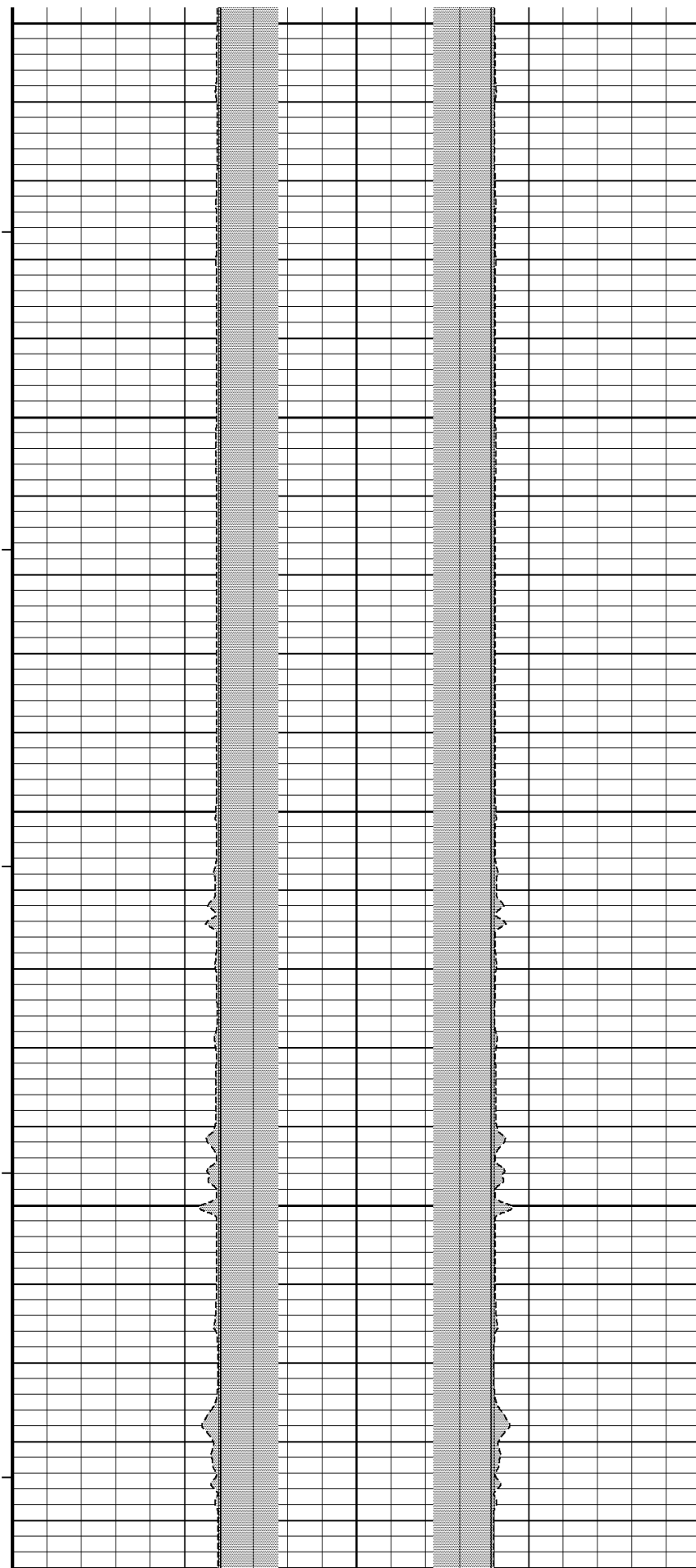
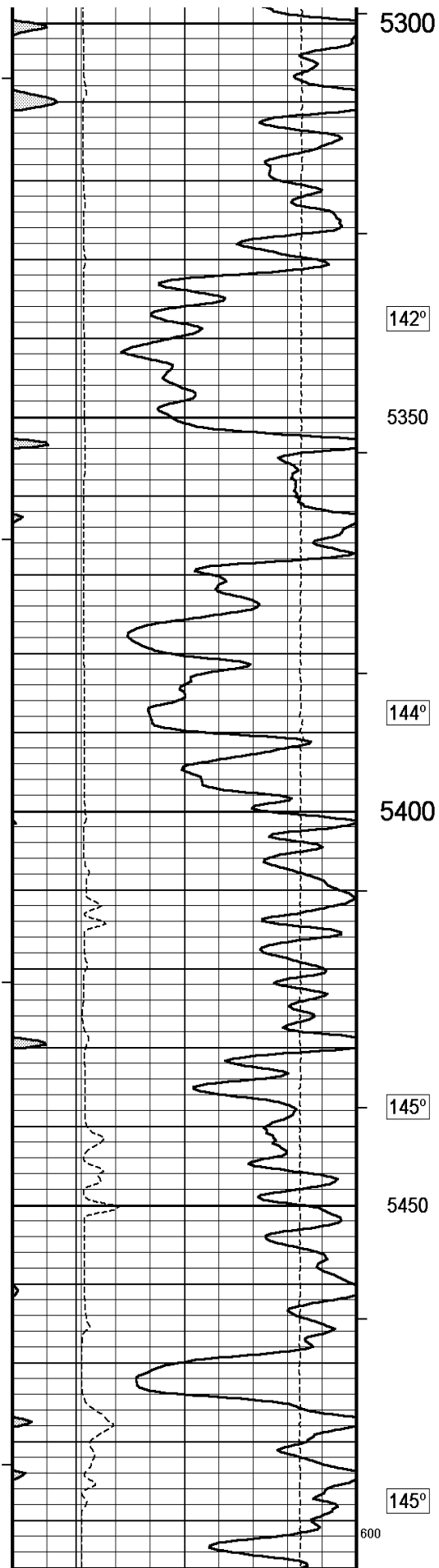
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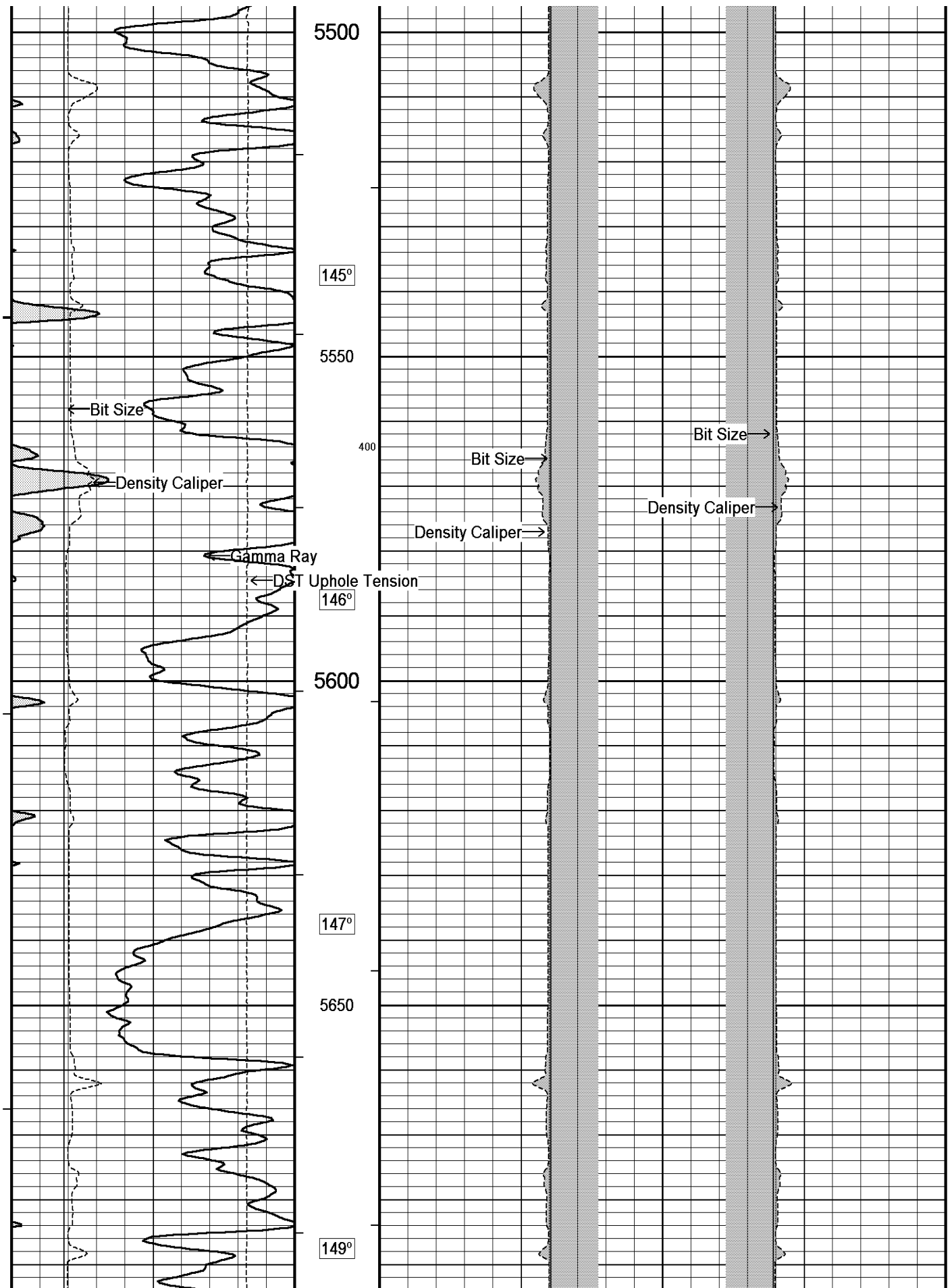
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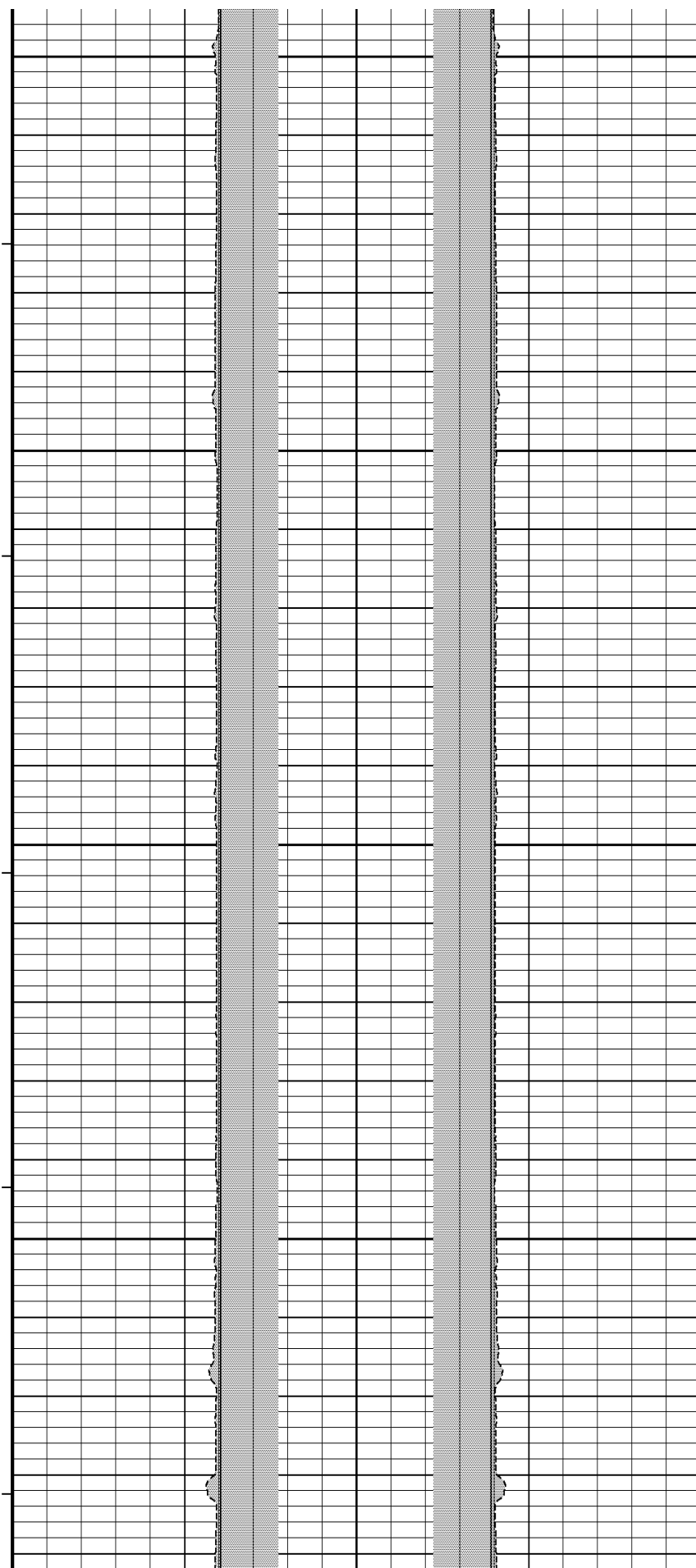
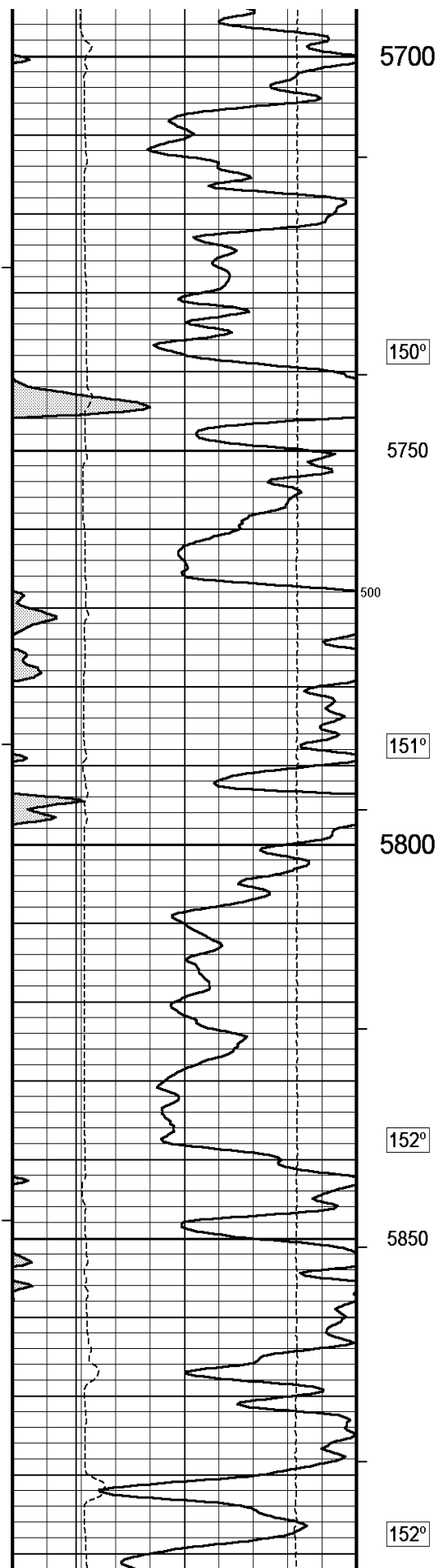
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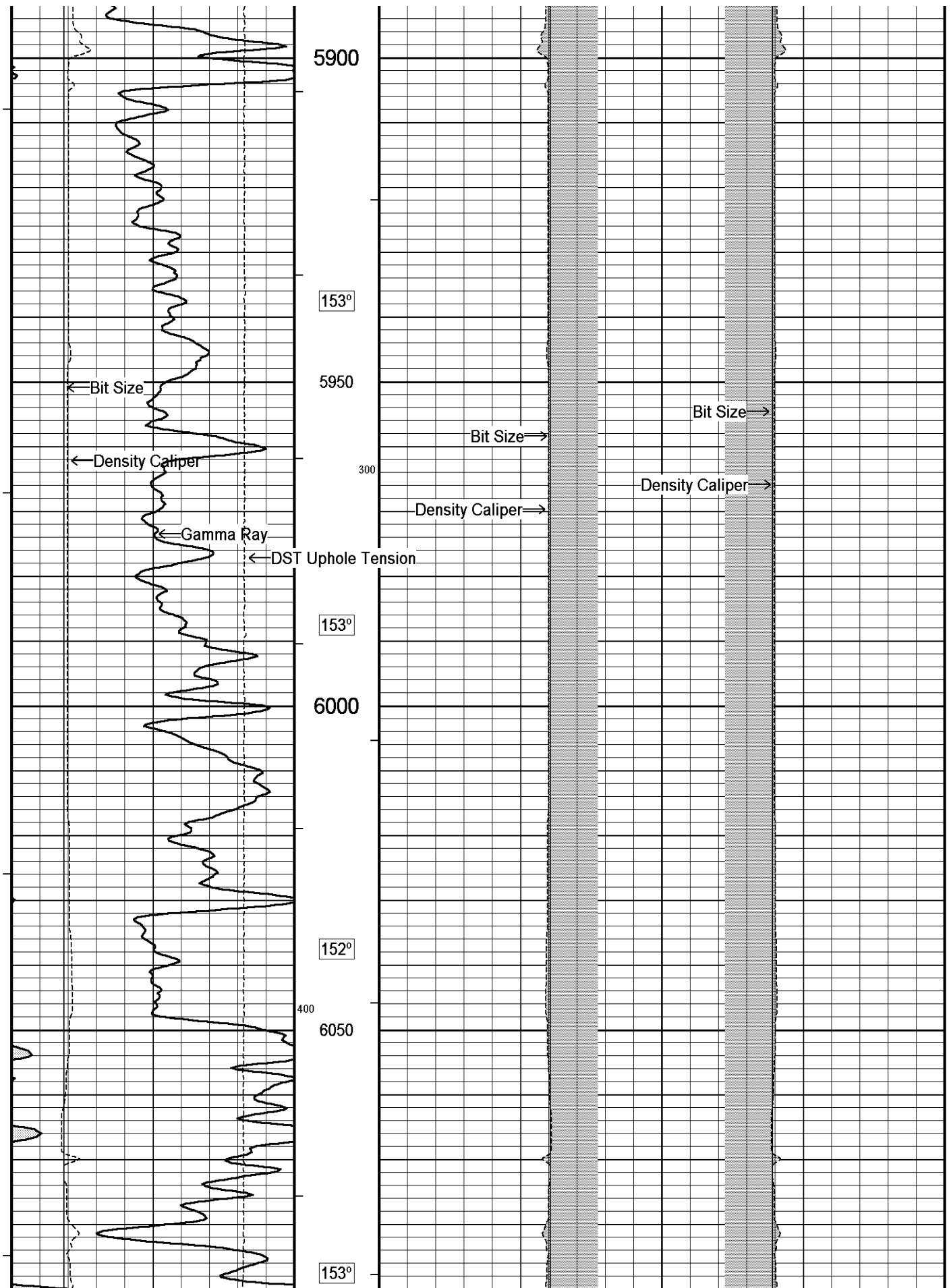
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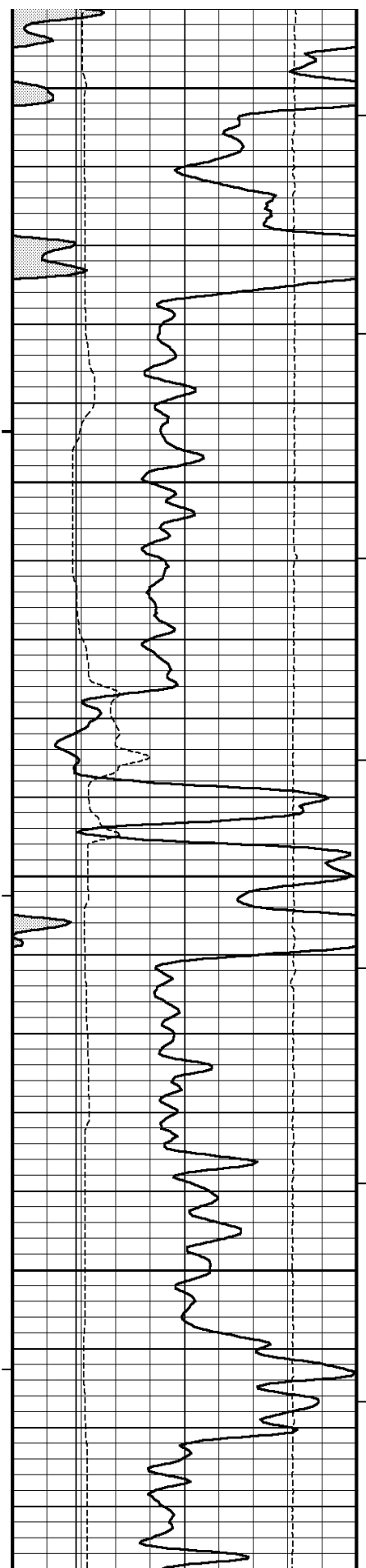












6100

154°

6150

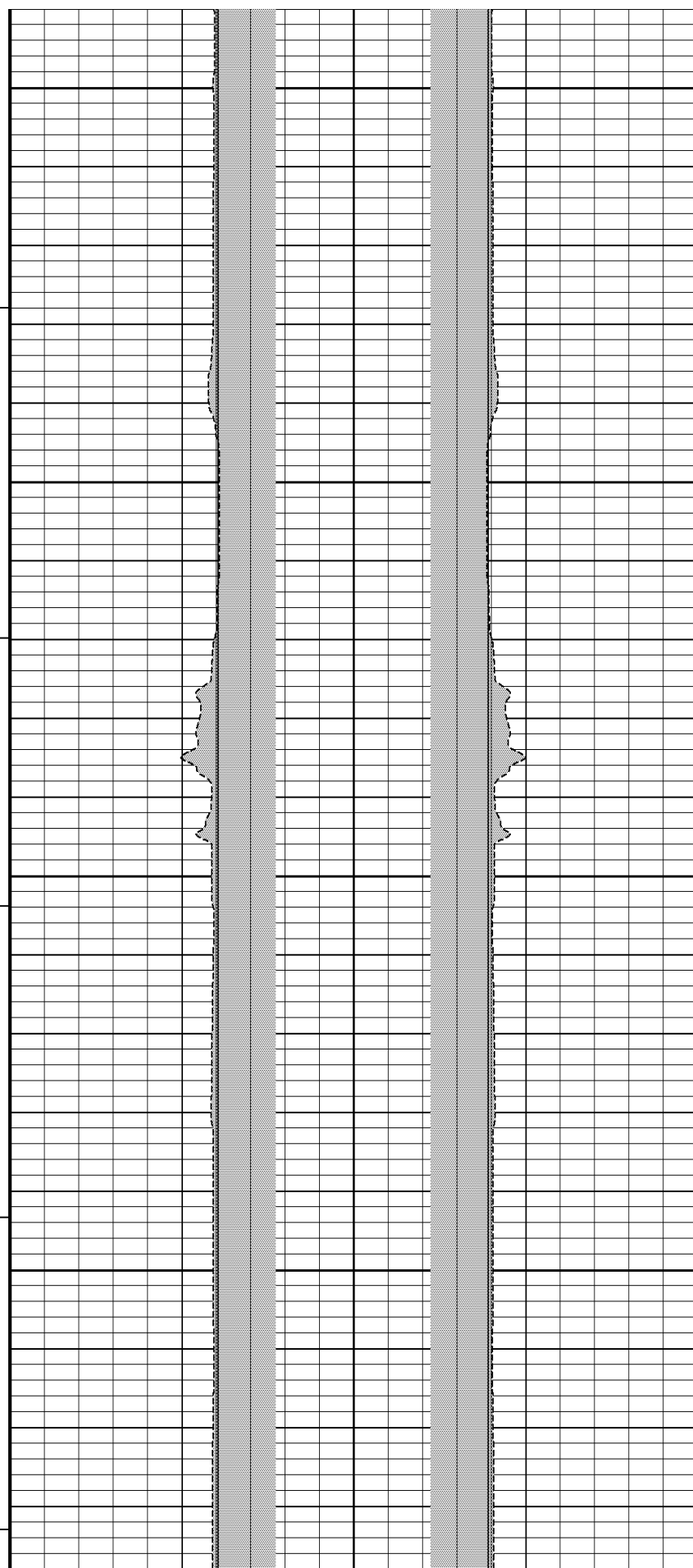
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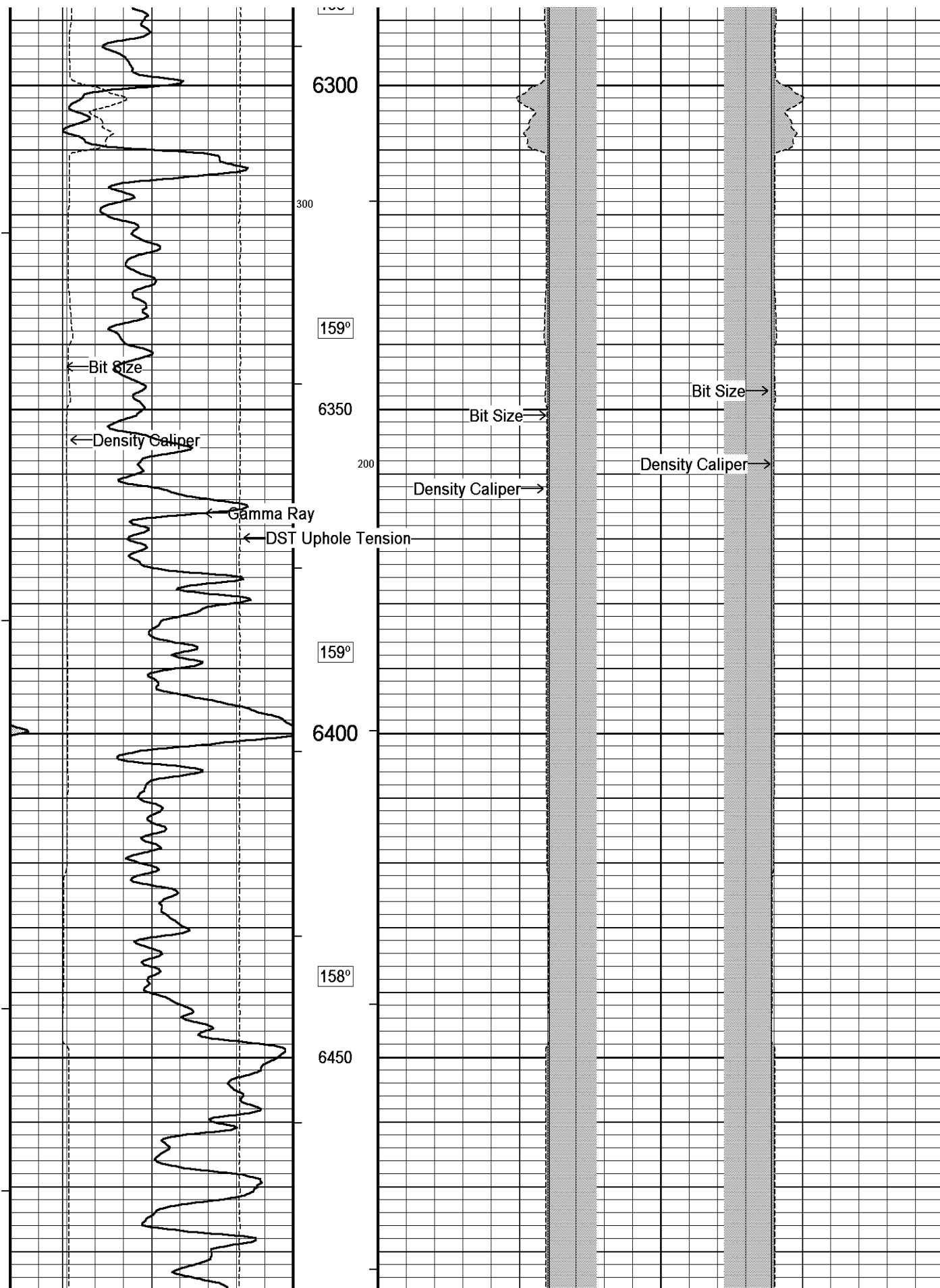
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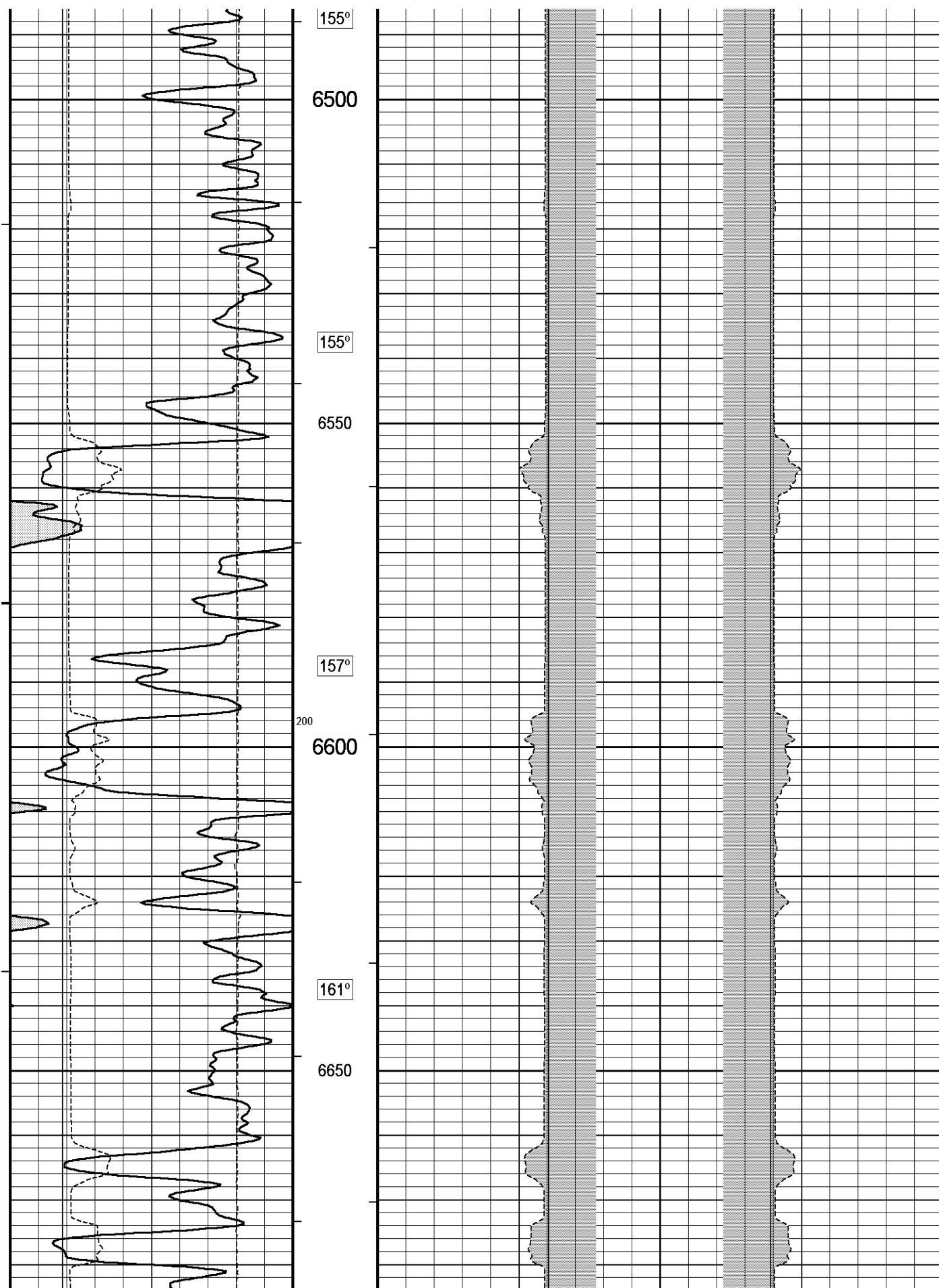
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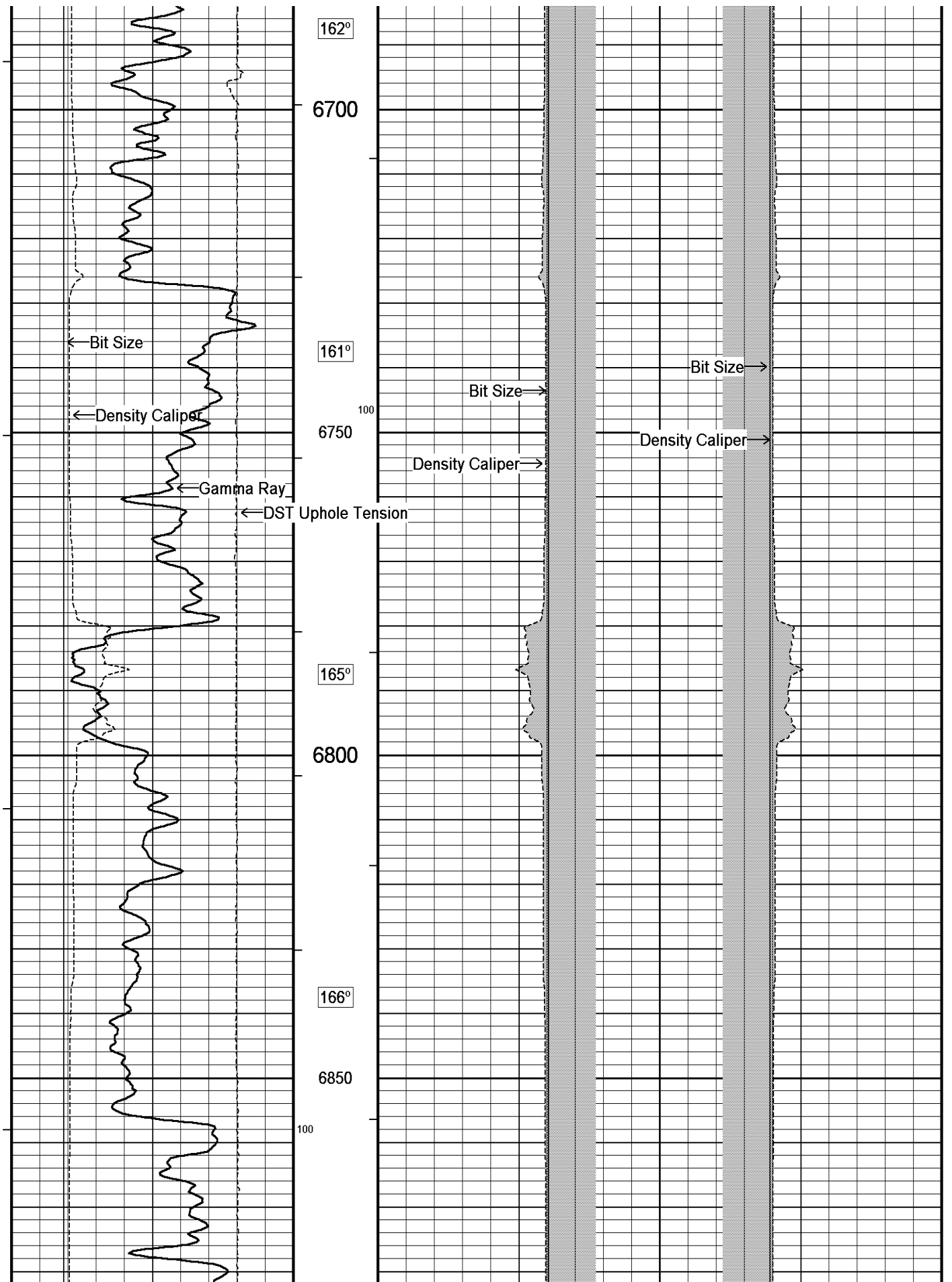
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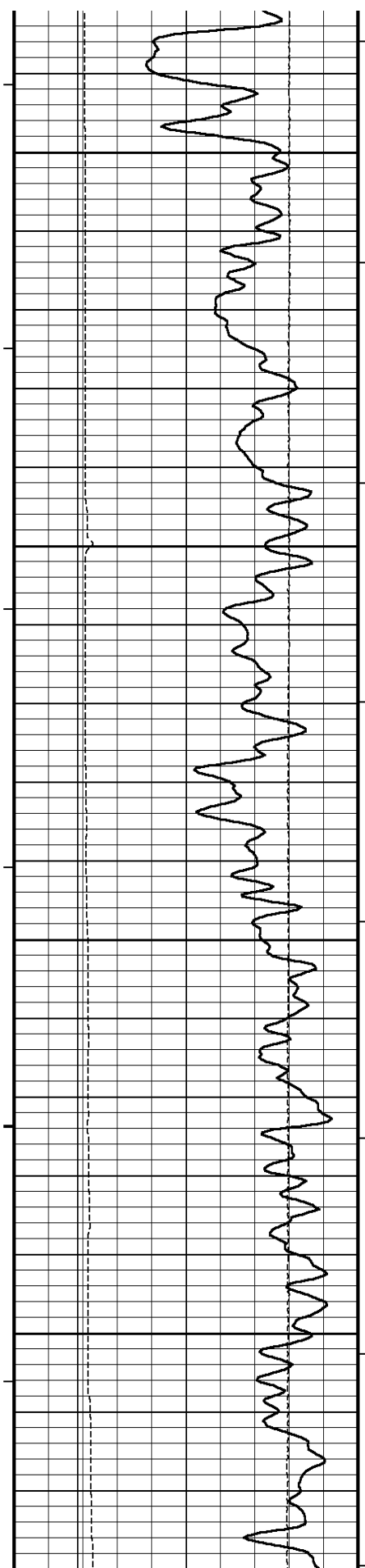
158°











167°

6900

169°

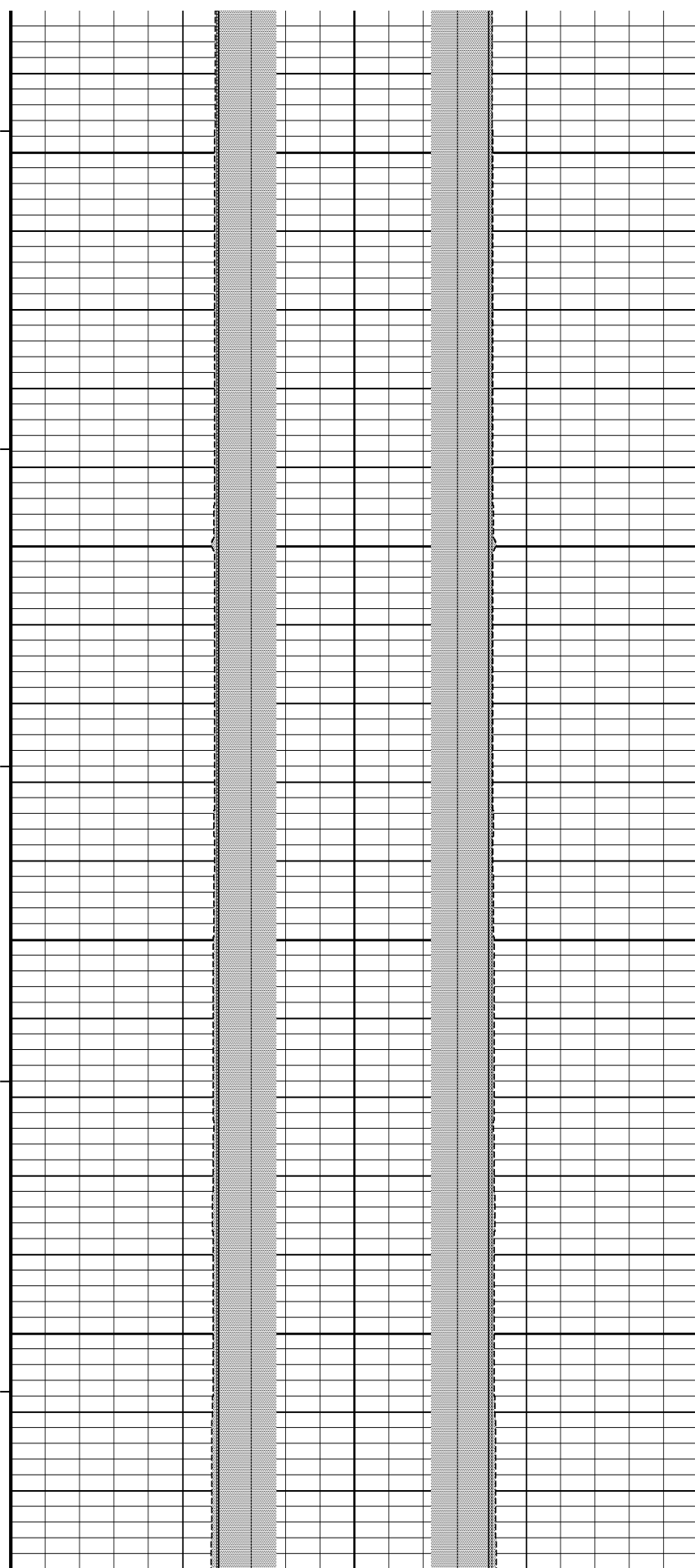
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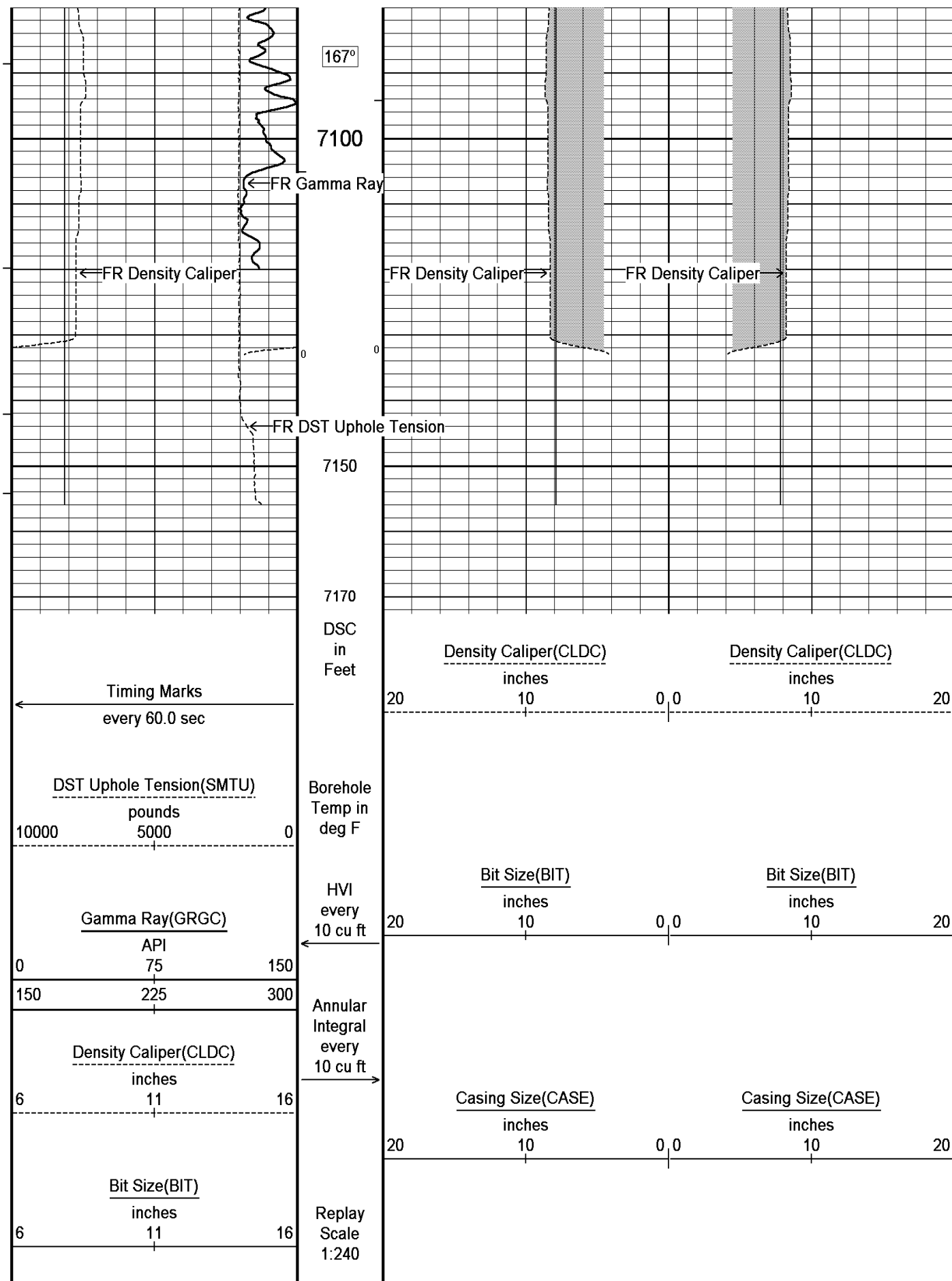
168°

7000

168°

7050







5 INCH MAIN LOG



DOWNHOLE EQUIPMENT

C:\logs\Bill Barrett\Bill Barrett Miller 33D-6-791\Bill Barrett GGU Miller 33D-6-791_3.dta

MCB-A.A 11B Tension Cablehead
 MCB-A.A 102 LG: 2.40 ft WT: 19.8 lb OD: 2.24 in

SHA-F Compact Swivel Head Adaptor
 SHA-F 38 LG: 2.74 ft WT: 26.5 lb OD: 2.24 in

Compact Comms Gamma
 MCG-C 145 LG: 8.70 ft WT: 63.9 lb OD: 2.24 in

Compact Neutron
 MDN-B.A 191 LG: 5.04 ft WT: 50.7 lb OD: 2.24 in

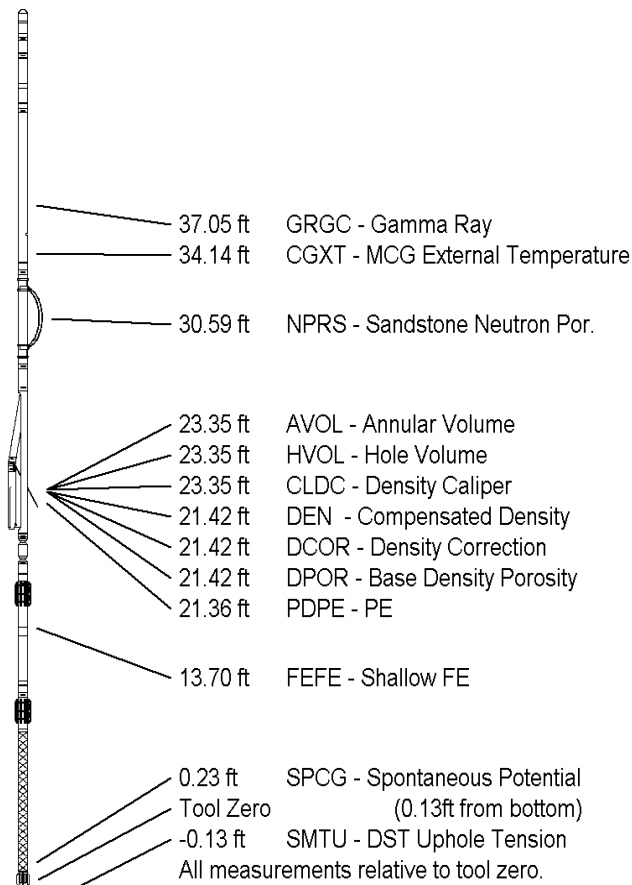
Compact Density/Caliper
 MPD-C.A 215 LG: 9.59 ft WT: 90.4 lb OD: 2.45 in

SKJ-D.A Compact Knuckle Joint
 SKJ-D.A 66 LG: 2.17 ft WT: 24.3 lb OD: 2.24 in

Compact Focussed Electric
 MFE-B.A 220 LG: 6.03 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: 47.47 ft Weight: 372.6 lb



COMPANY BILL BARRETT CORPORATION

WELL MILLER 33D-6-791

FIELD GIBSON GULCH

PROVINCE/COUNTY GARFIELD

COUNTRY/STATE U.S.A. / COLORADO

Elevation Kelly Bushing	6288.00	feet	First Reading	7120.00	
Elevation Drill Floor	6287.00	feet	Depth Driller	7145.00	feet
Elevation Ground Level	6266.00	feet	Depth Logger	7144.00	feet



Weatherford®

HOLE VOLUME
 CALIPER
 LOG

