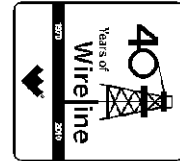




Weatherford[®]

**HOLE VOLUME
CALIPER LOG**

COMPANY BILL BARRETT CORPORATION
WELL KAUFMAN 23B-24-692
FIELD MAMM CREEK
PROVINCE/COUNTY GARFIELD
COUNTRY/STATE U.S.A. / COLORADO
LOCATION SHL: 1771' FSL & 2410' FEL
BHL: 1795' FSL & 1970' FWL



SEC	TWP	RGE	Other Services
24	6S	92W	
API Number		05-045-19646	
Permit Number			

Permanent Datum G.L., Elevation 5843 feet
Log Measured From KB
Drilling Measured From K.B. @ 23 FT.

Elevations:	feet
KB	5866.00
DF	5866.00
GL	5843.00

Date	10-AUG-2011
Run Number	ONE
Depth Driller	7633.00 feet
Depth Logger	7632.00 feet
First Reading	7609.00
Last Reading	852.00
Casing Driller	853.00 feet
Casing Logger	852.00 feet
Bit Size	7.875 inches
Hole Fluid Type	LSND
Density / Viscosity	10.50 lb/USg 50.00 CP
PH / Fluid Loss	9.80 4.00 ml/30Min
Sample Source	FLOW LINE
Rm @ Measured Temp	2.72 @ 75.0 ohm-m
Rmf @ Measured Temp	2.17 @ 75.0 ohm-m
Rmc @ Measured Temp	3.26 @ 75.0 ohm-m
Source Rmf / Rmc	CALC CALC
Rm @ BHT	1.11 @ 188.0 ohm-m
Time Since Circulation	5 HOURS
Max Recorded Temp	188.00 deg F
Equipment Name	COMPACT
Equipment / Base	13173 GD JCT
Recorded By	M.RICHINS
Witnessed By	C.CROW

BOREHOLE RECORD

Last Edited: 11-AUG-2011 05:32

Bit Size inches	Depth From feet	Depth To feet
8.750	853.00	5692.00
7.880	5692.00	7633.00

CASING RECORD

Type	Size inches	Depth From feet	Shoe Depth feet	Weight pounds/ft
SURFACE	9.625	0.00	853.00	36.00

REMARKS

LOGGING SOFTWARE USED: 11.03.4644

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

HARDWARE: MPD: 8 INCH PROFILE PLATE USED.
TWO 0.5 INCH STANDOFFS USED ON INDUCTION.
DUAL BOWSPRING USED ON NEUTRON.

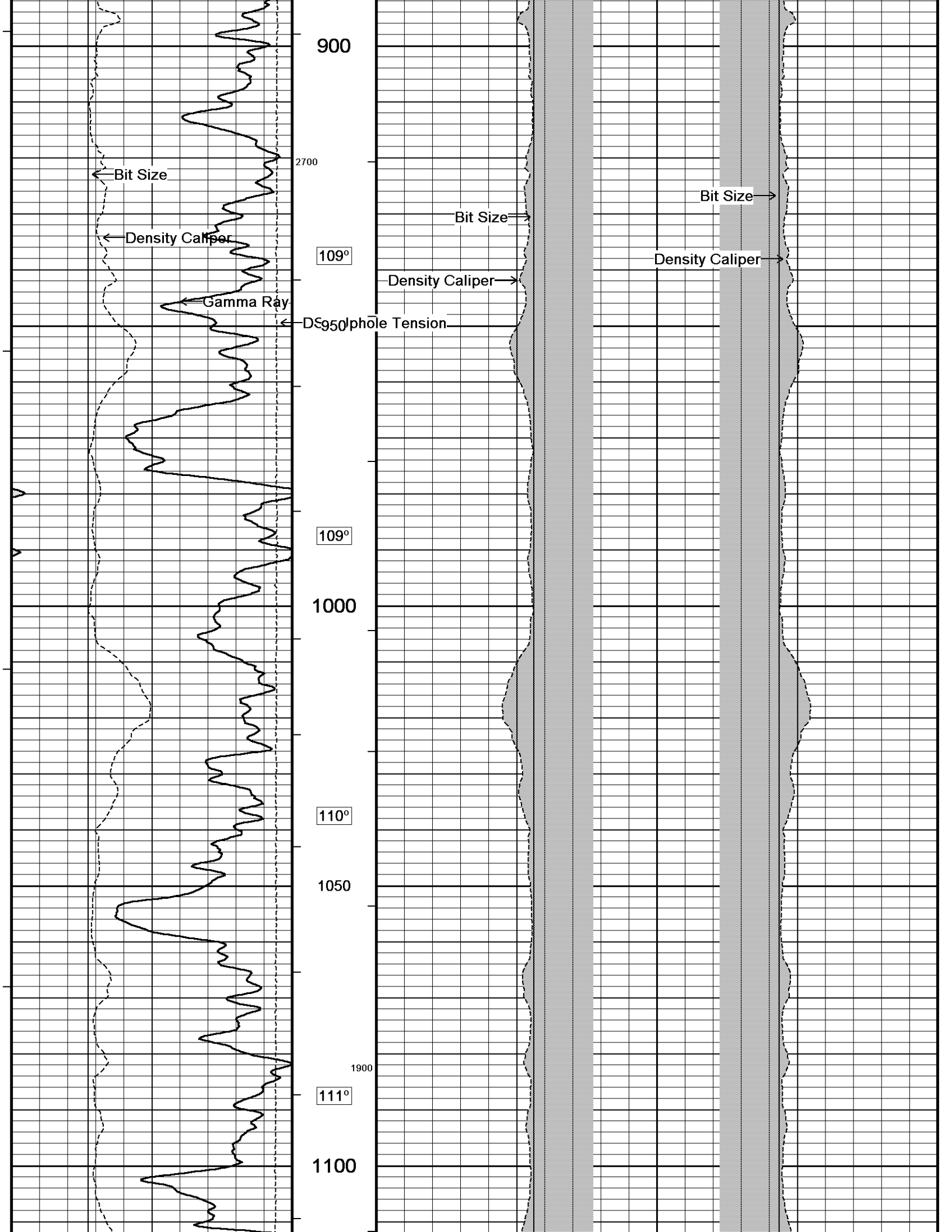
2.68 G/CC DENSITY MATRIX USED TO CALCULATE POROSITY.

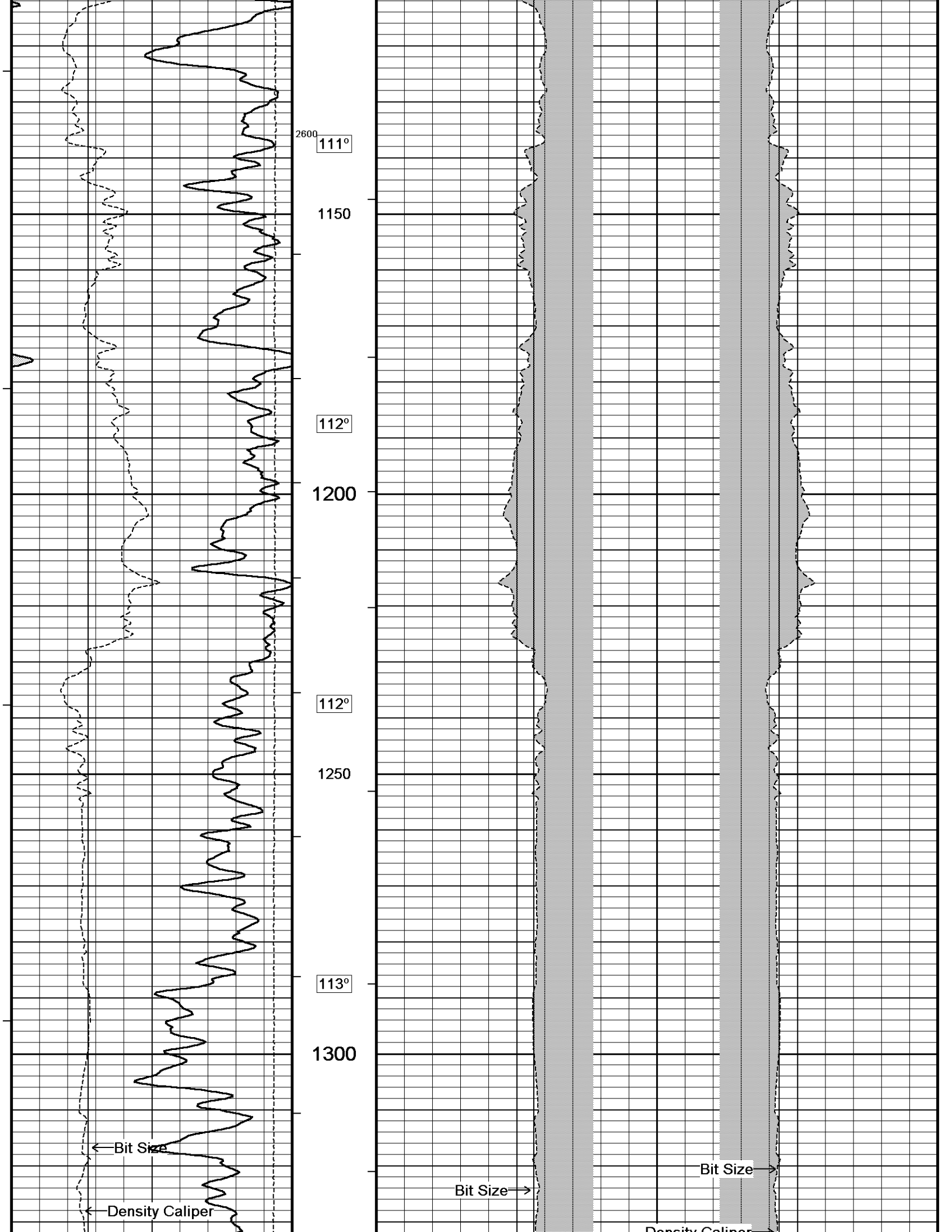
ALL INTERVALS LOGGED AND SCALED PER CUSTOMER'S REQUEST.

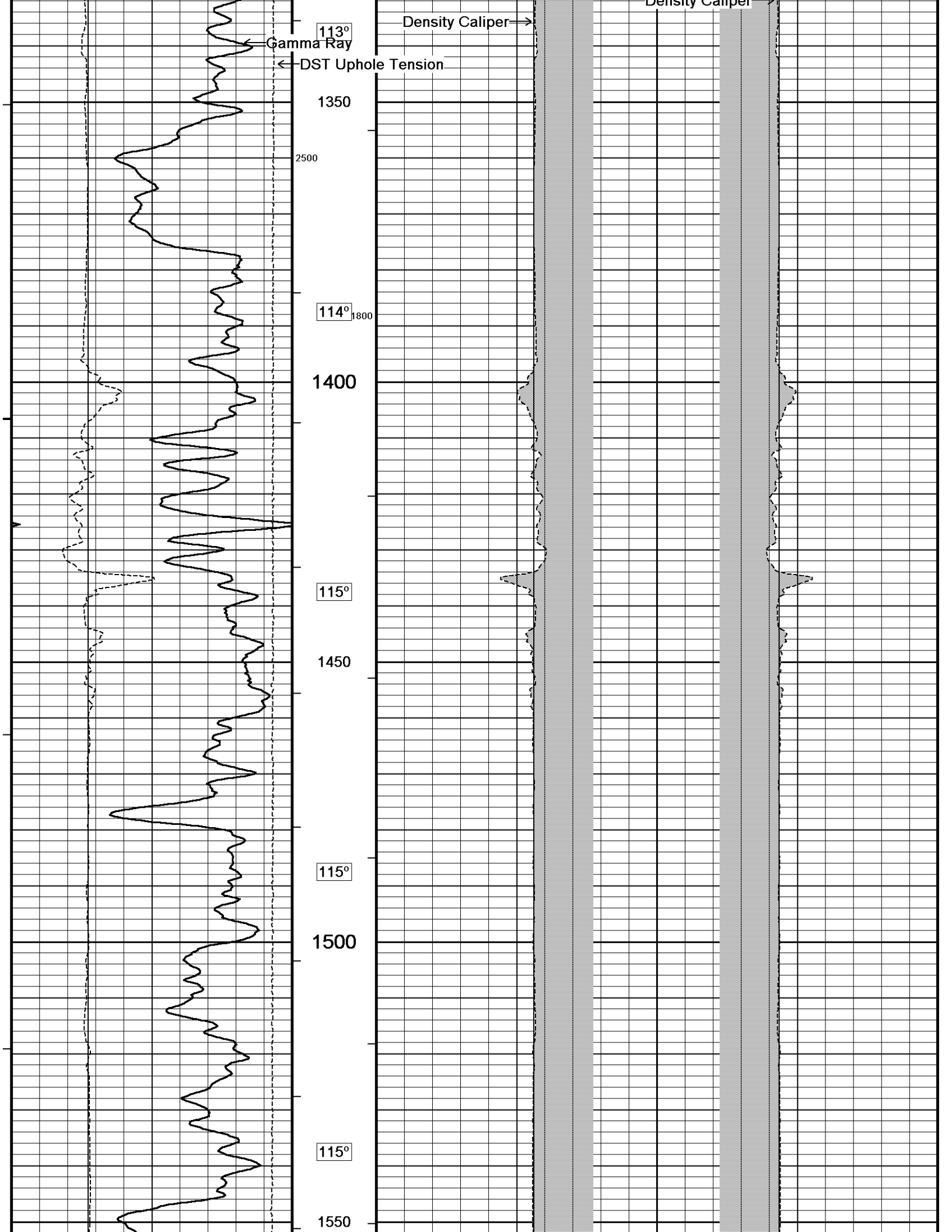
TIGHT PULLS, BOREHOLE SIZE, AND RUGOSITY WILL AFFECT REPEATABILITY AND DATA QUALITY.

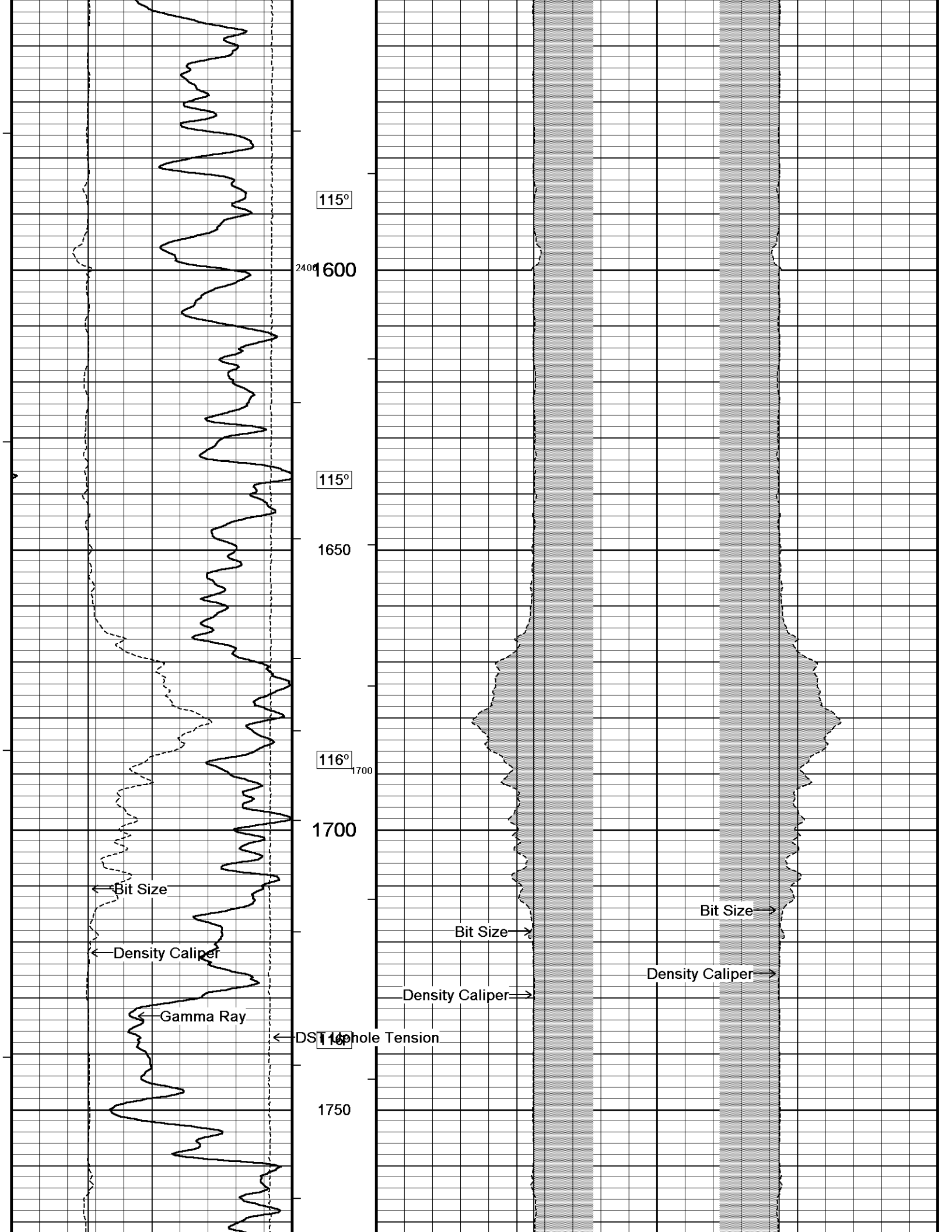
CALIPER CHECK IN CASING PRESENTED, REFERENCE I.D. = 8.92" (9 5/8", 36 LB/FT CASING).

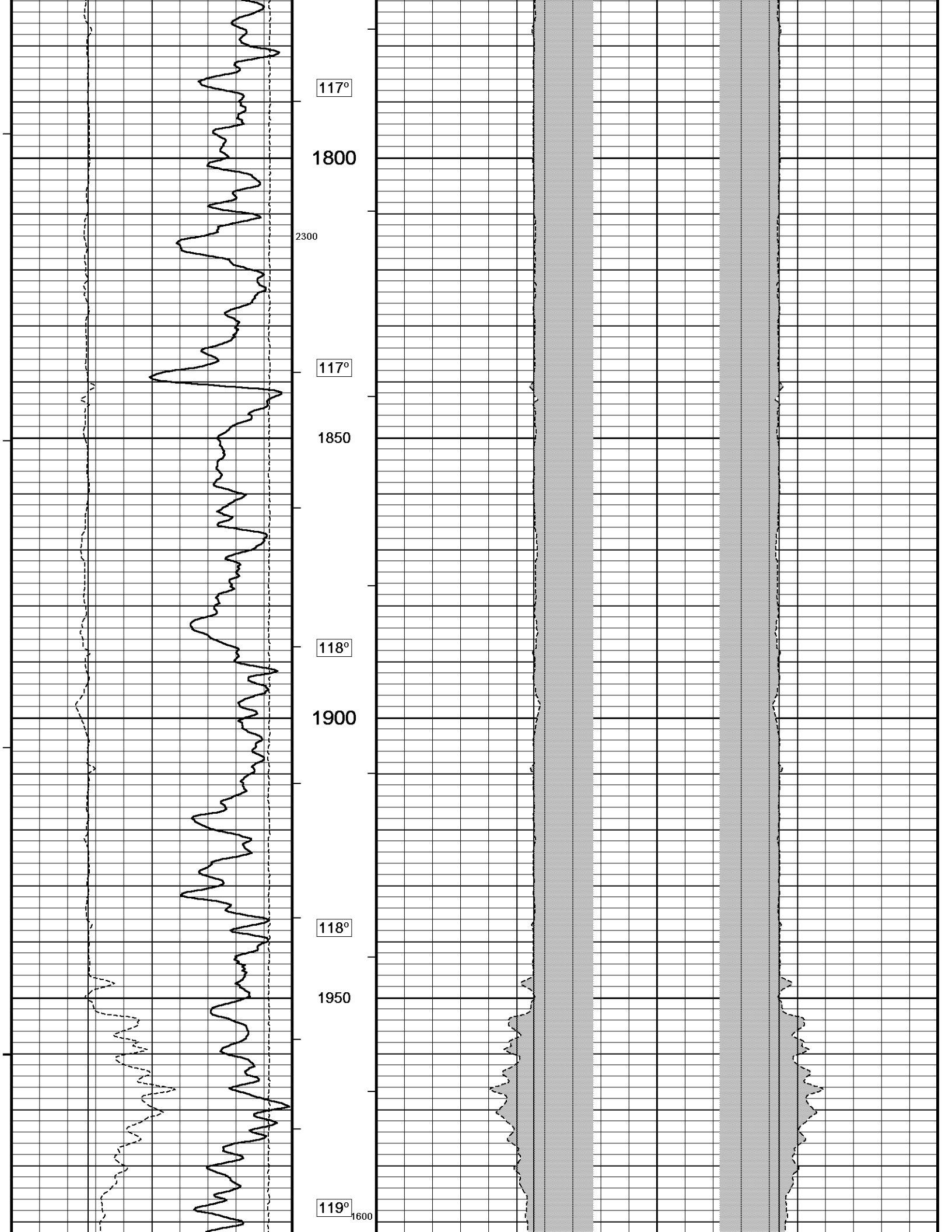
8.75 INCH BIT CHANGE AT 5692 FT

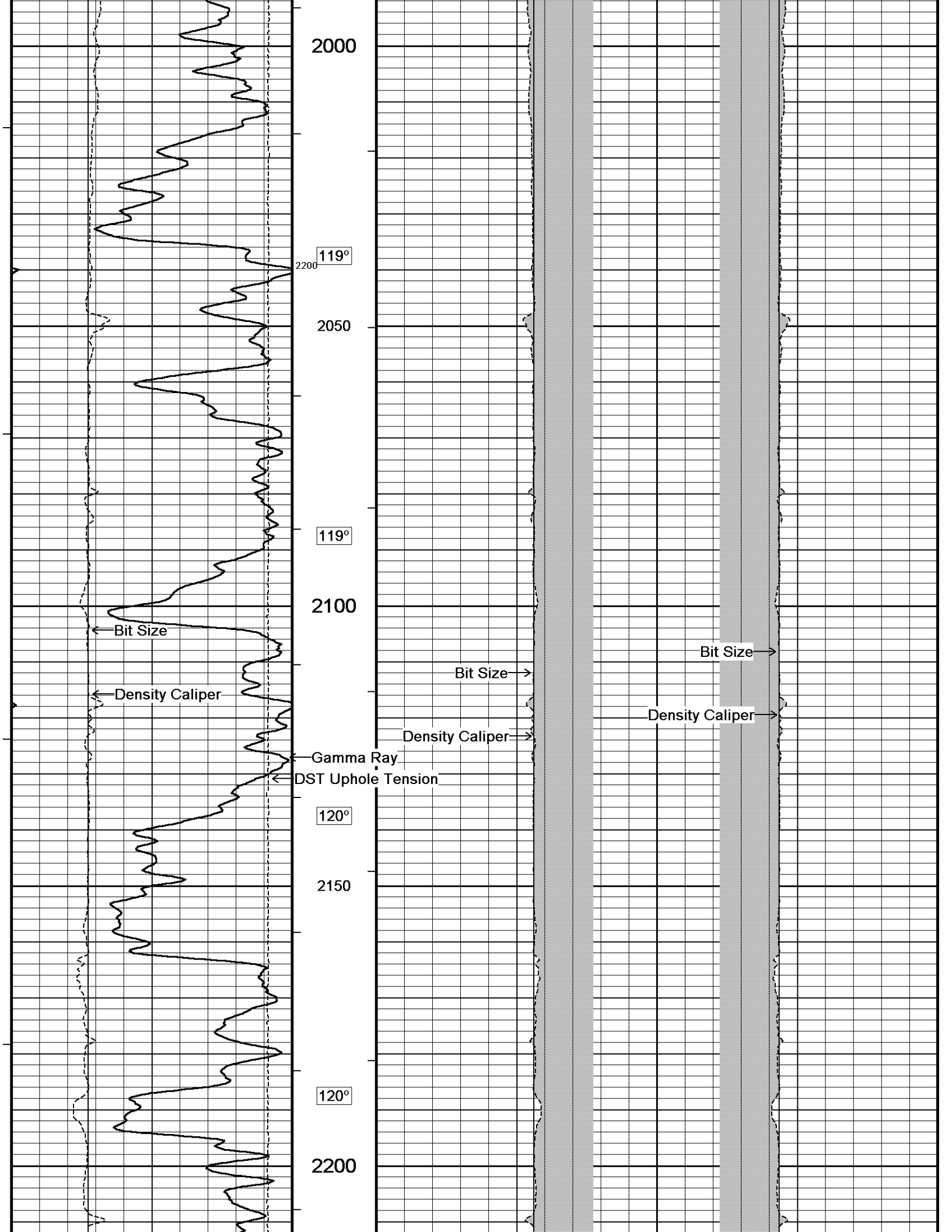


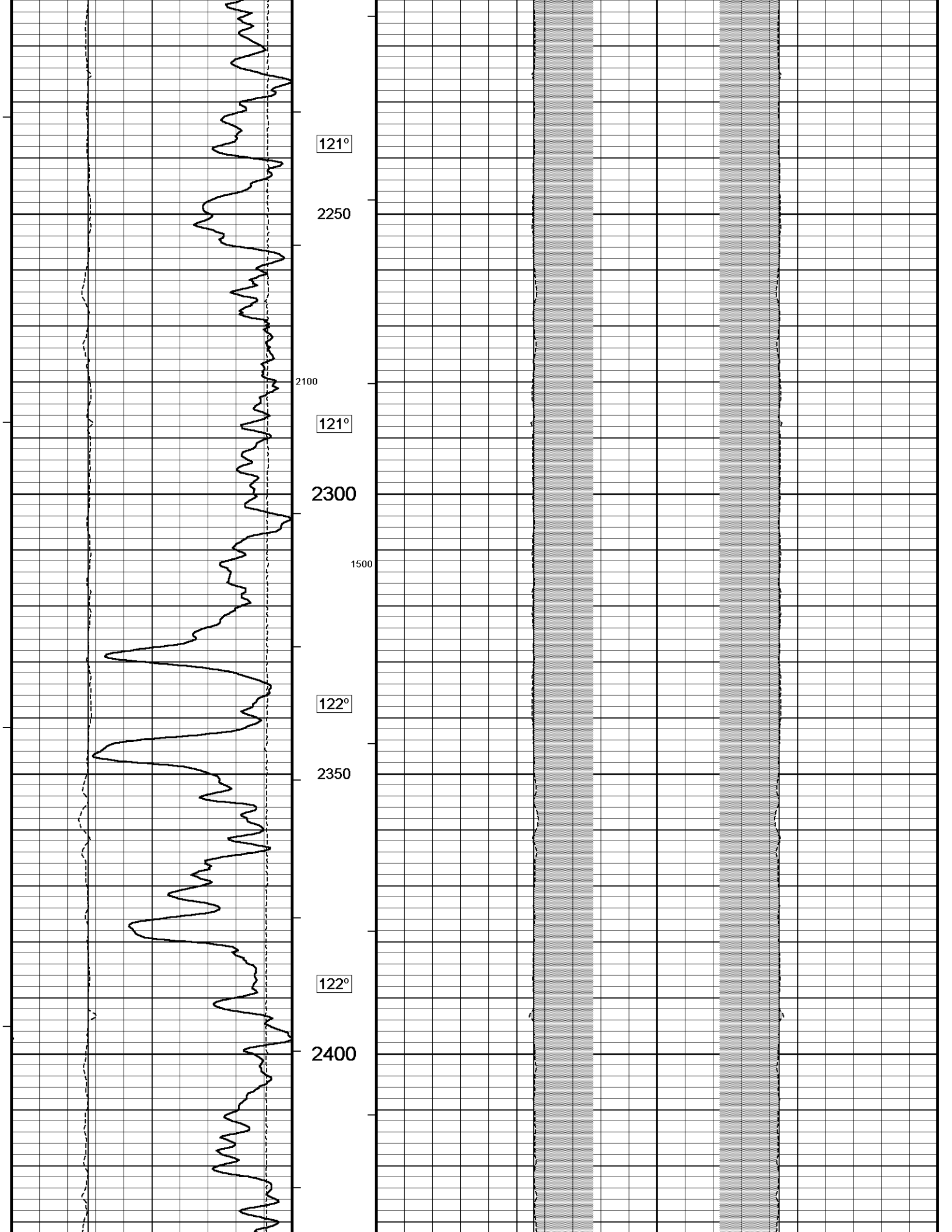


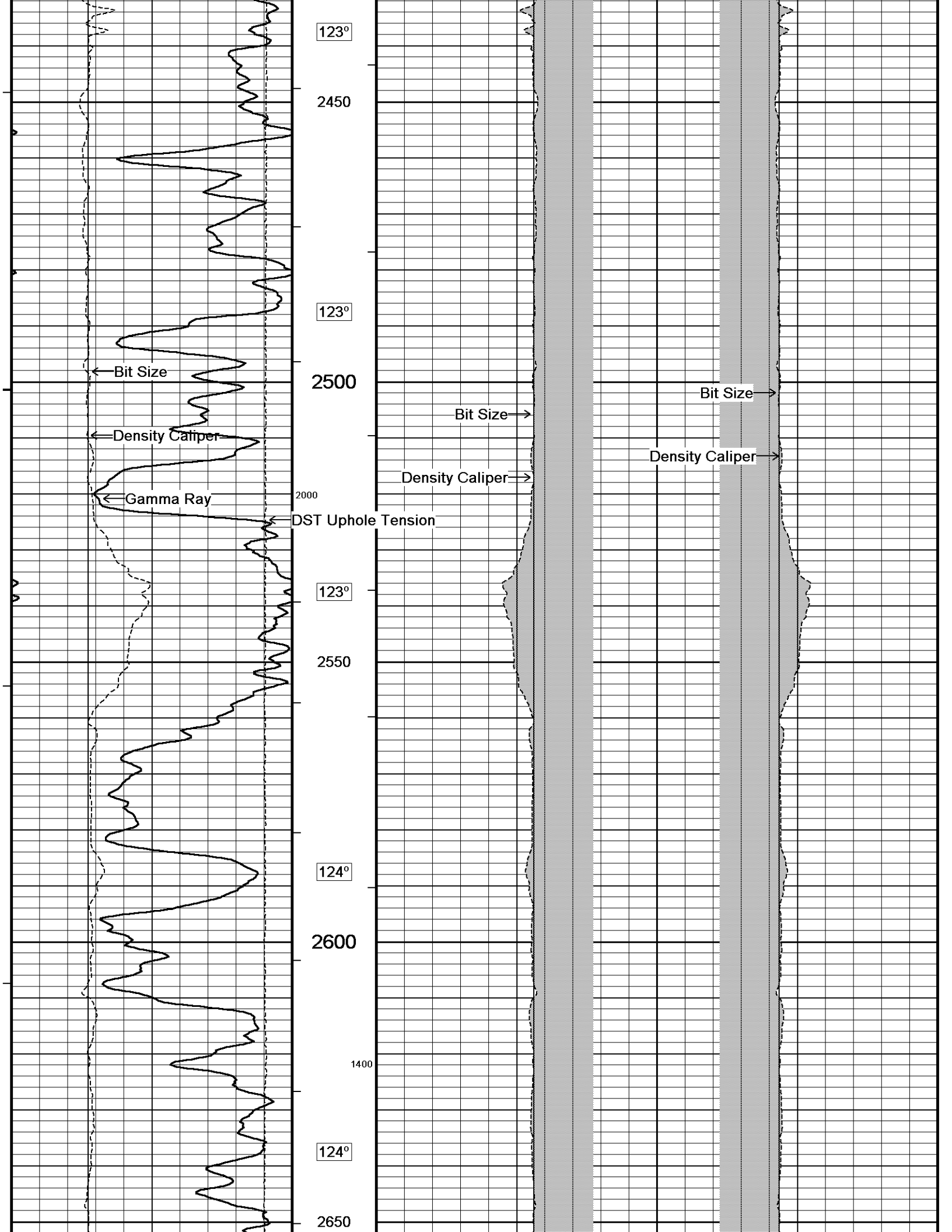


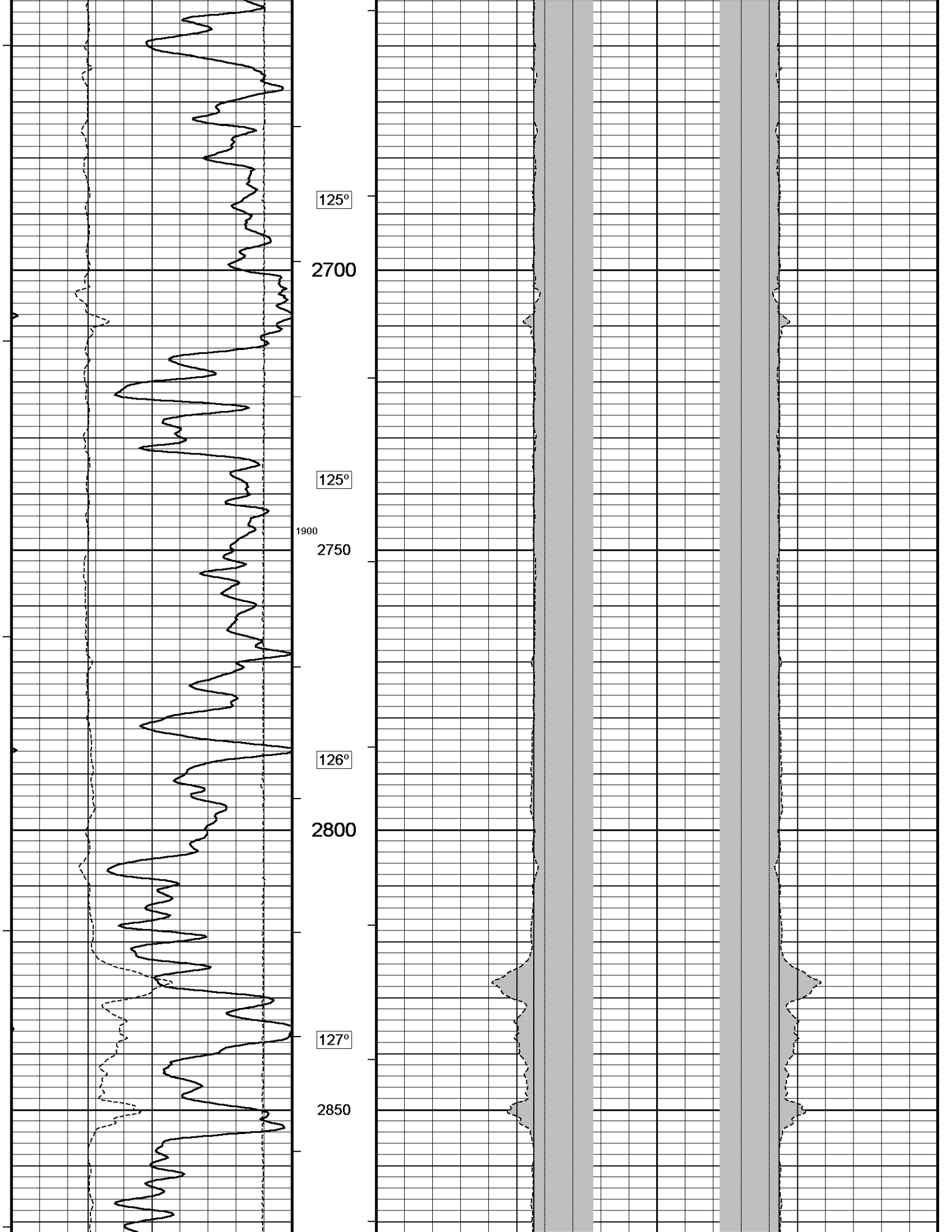


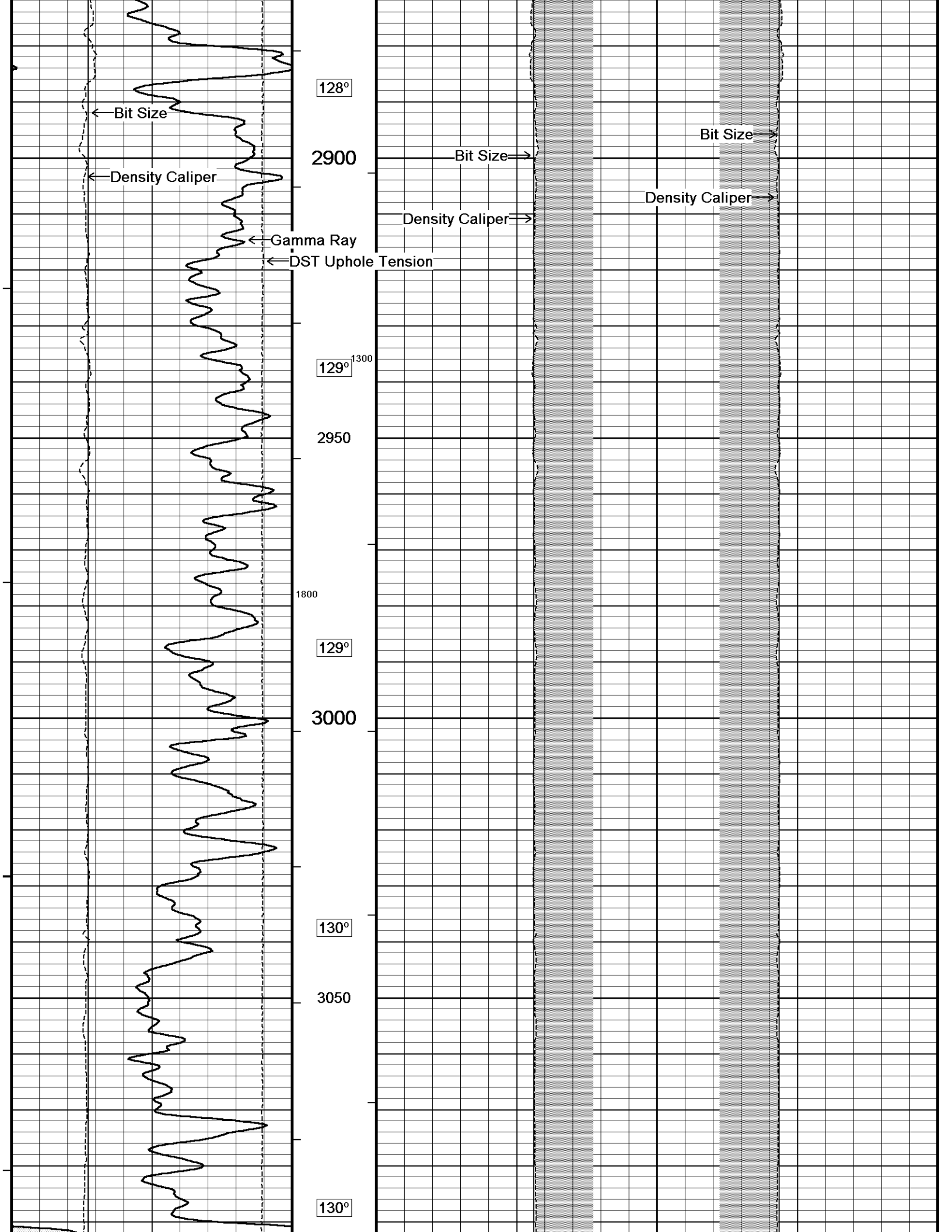


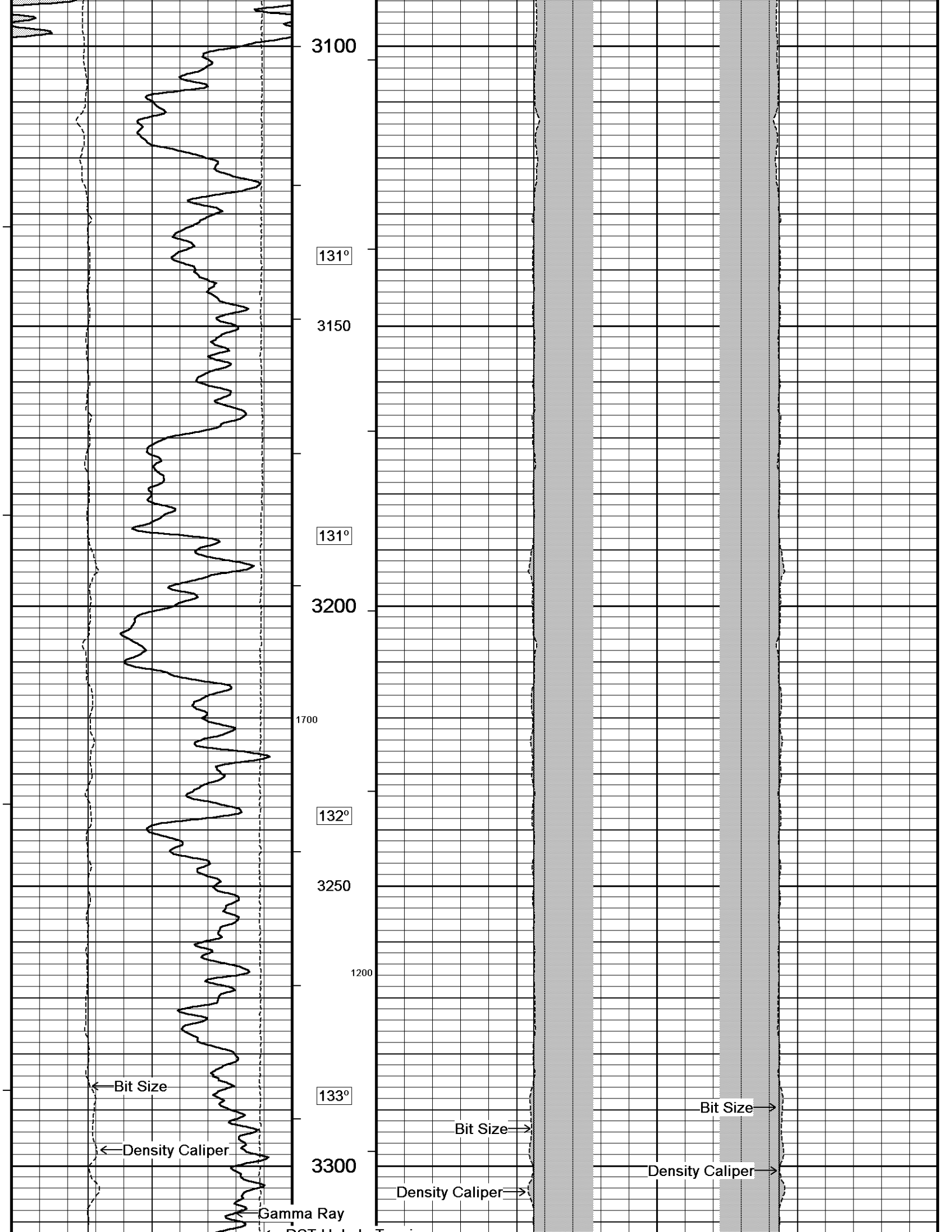




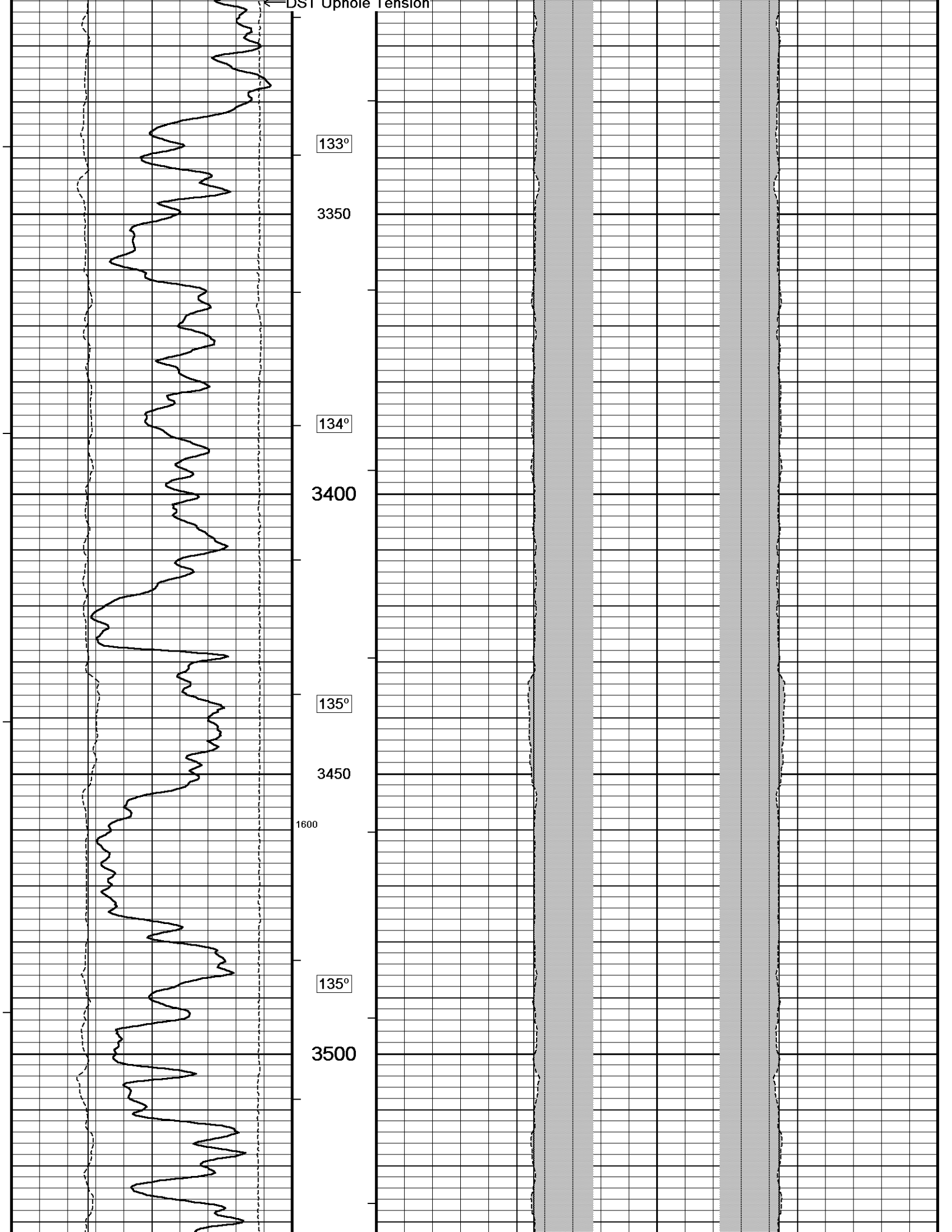


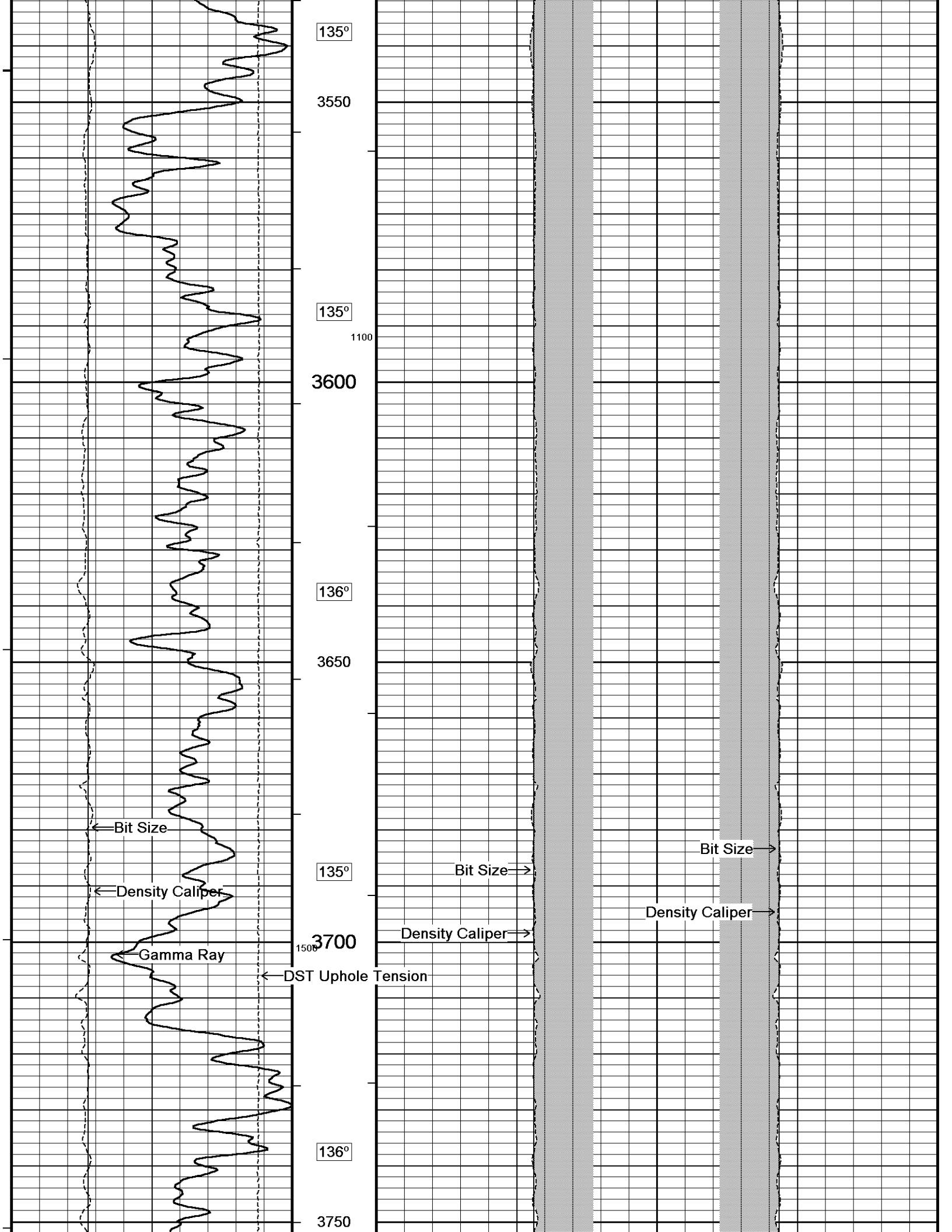


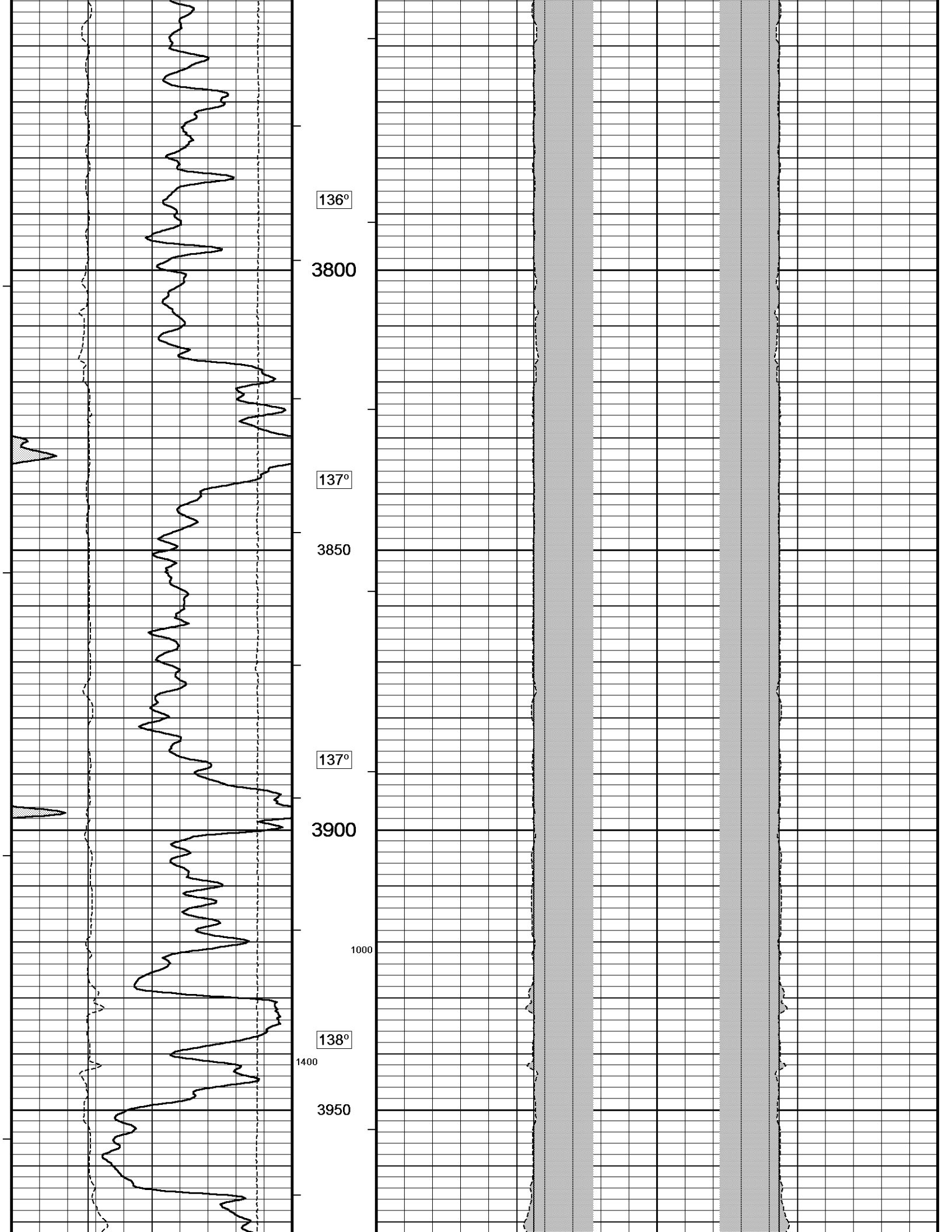


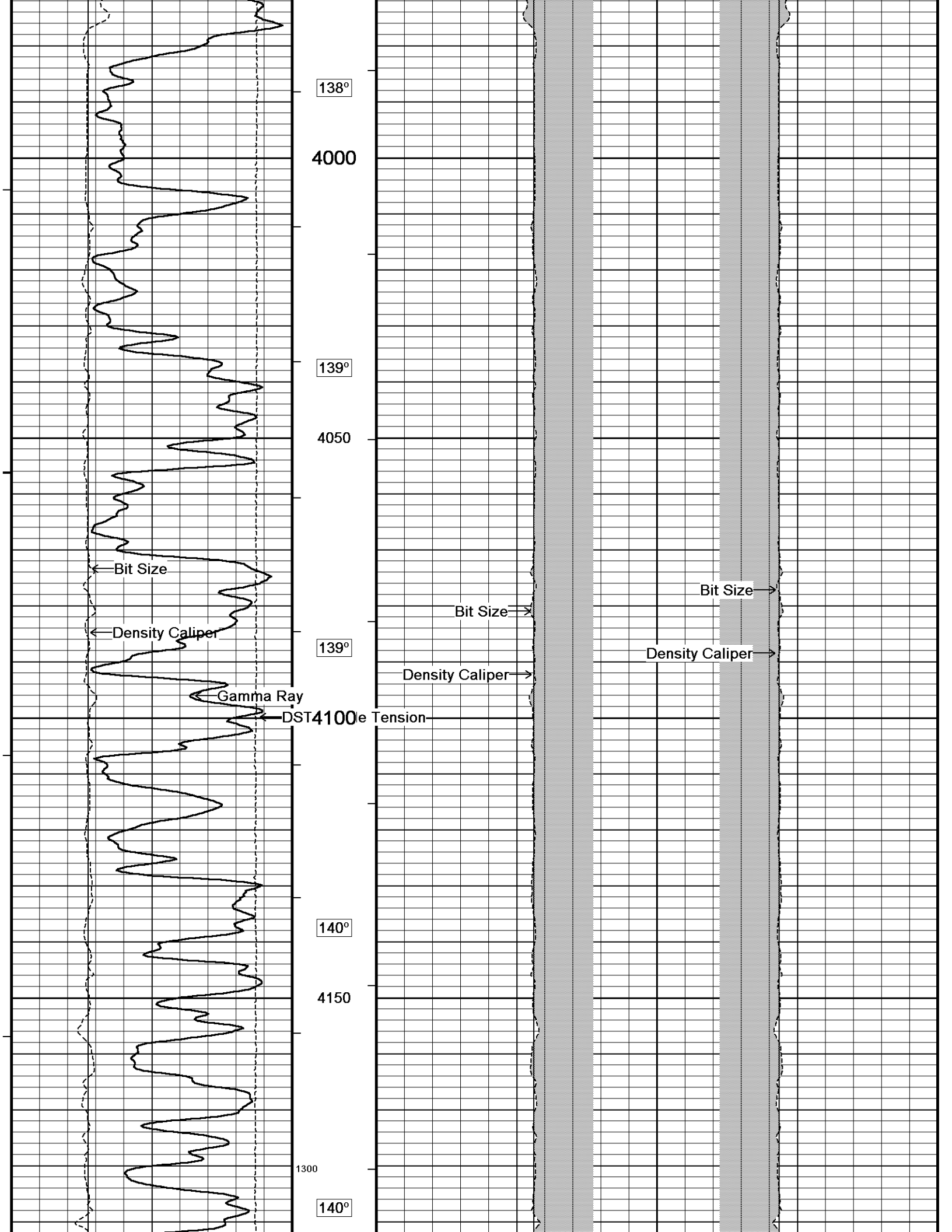


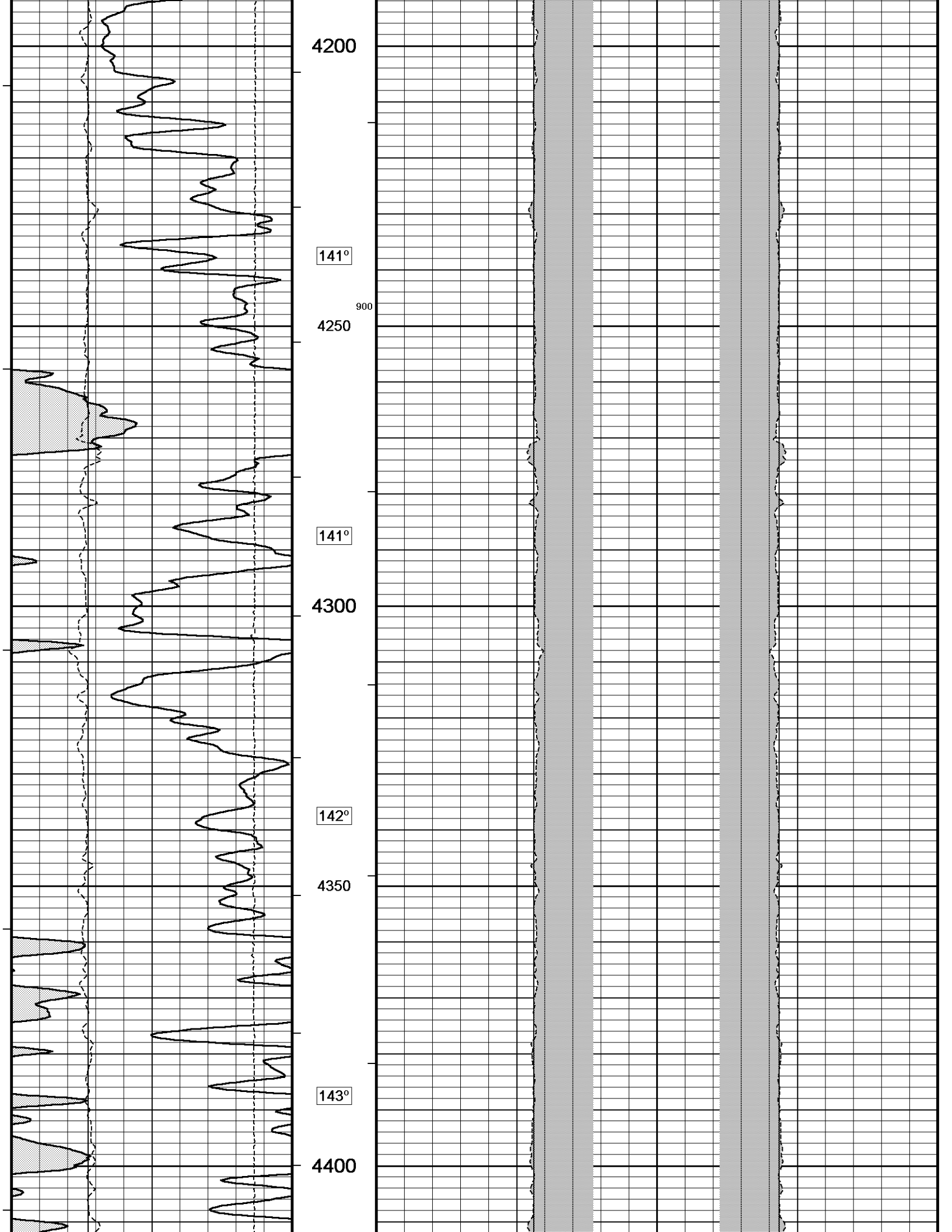
DST Upline Tension

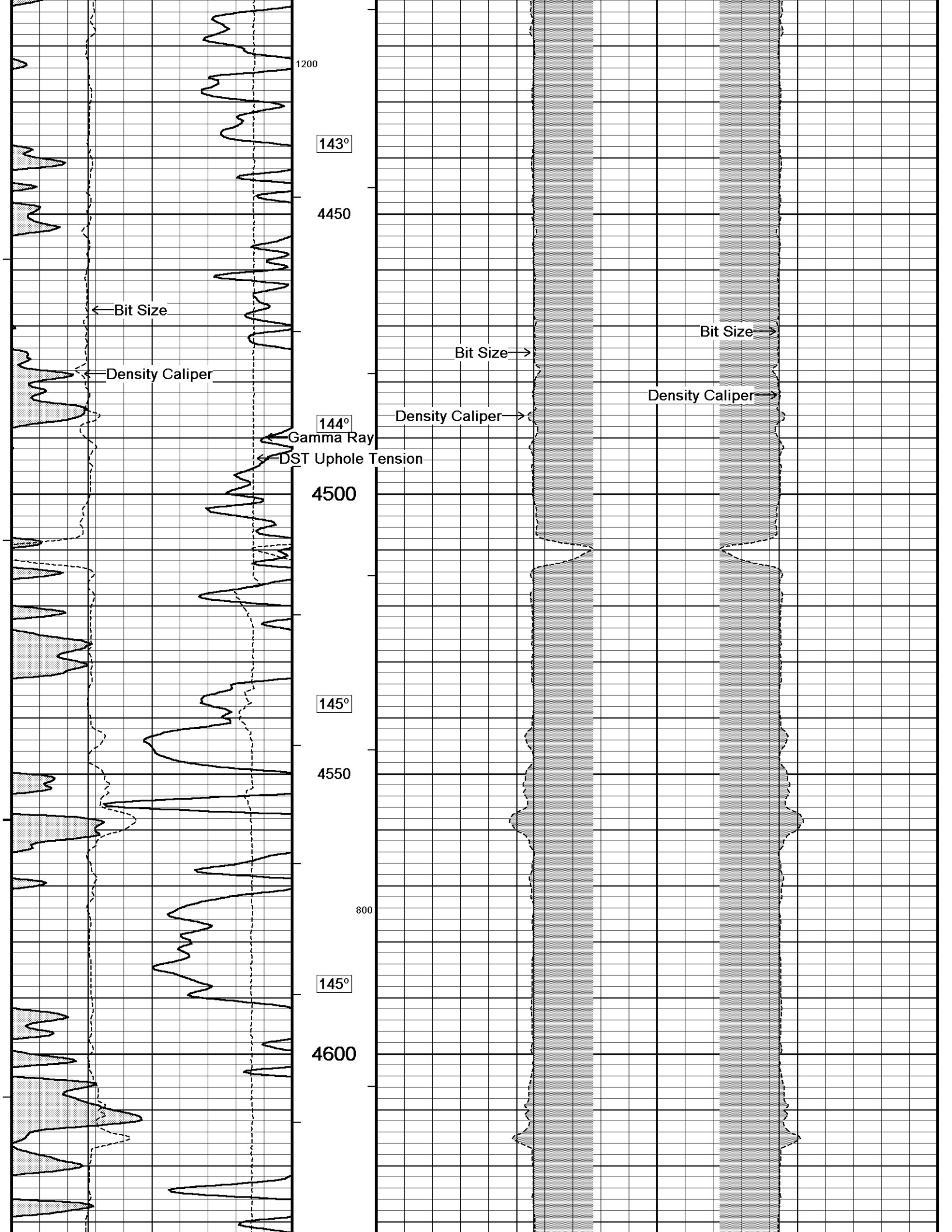


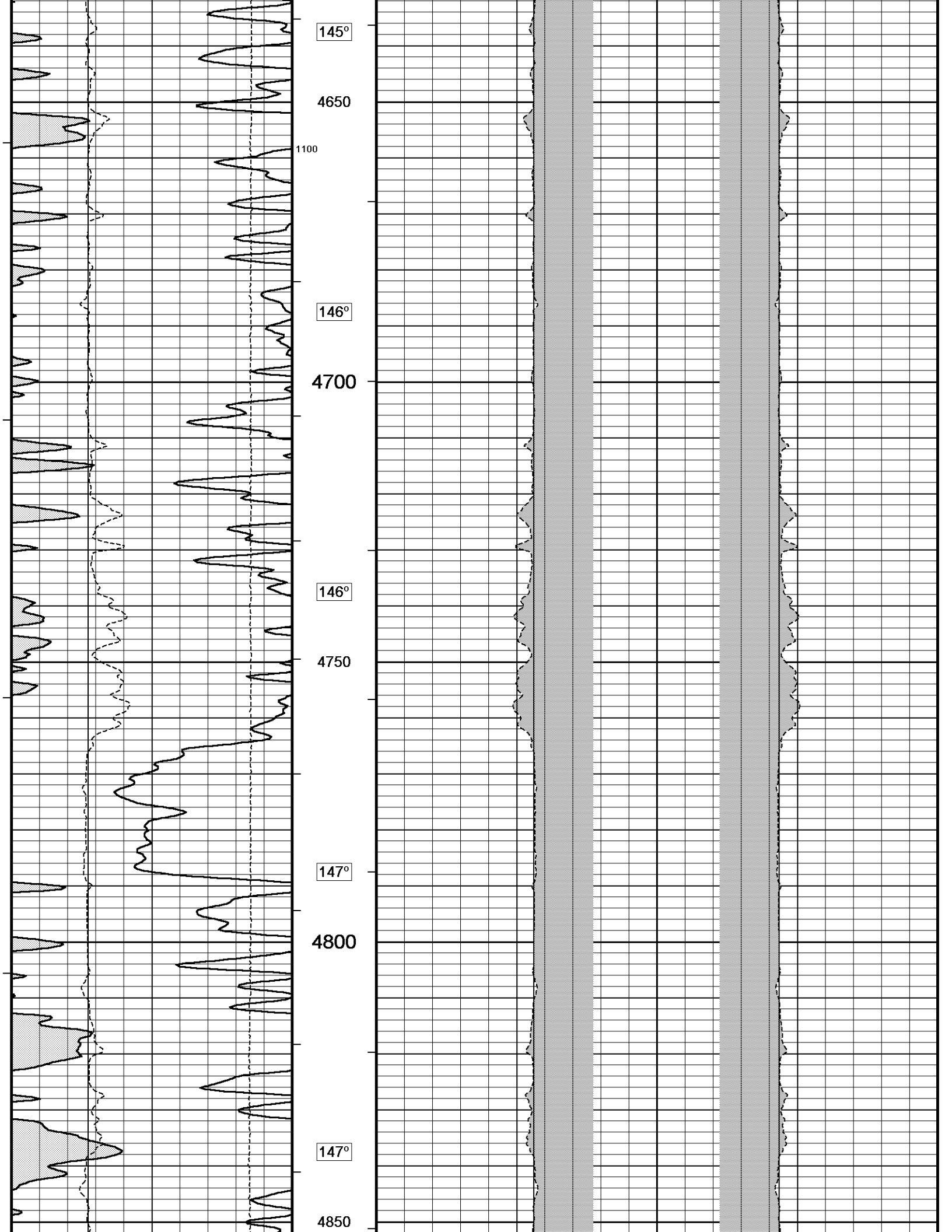


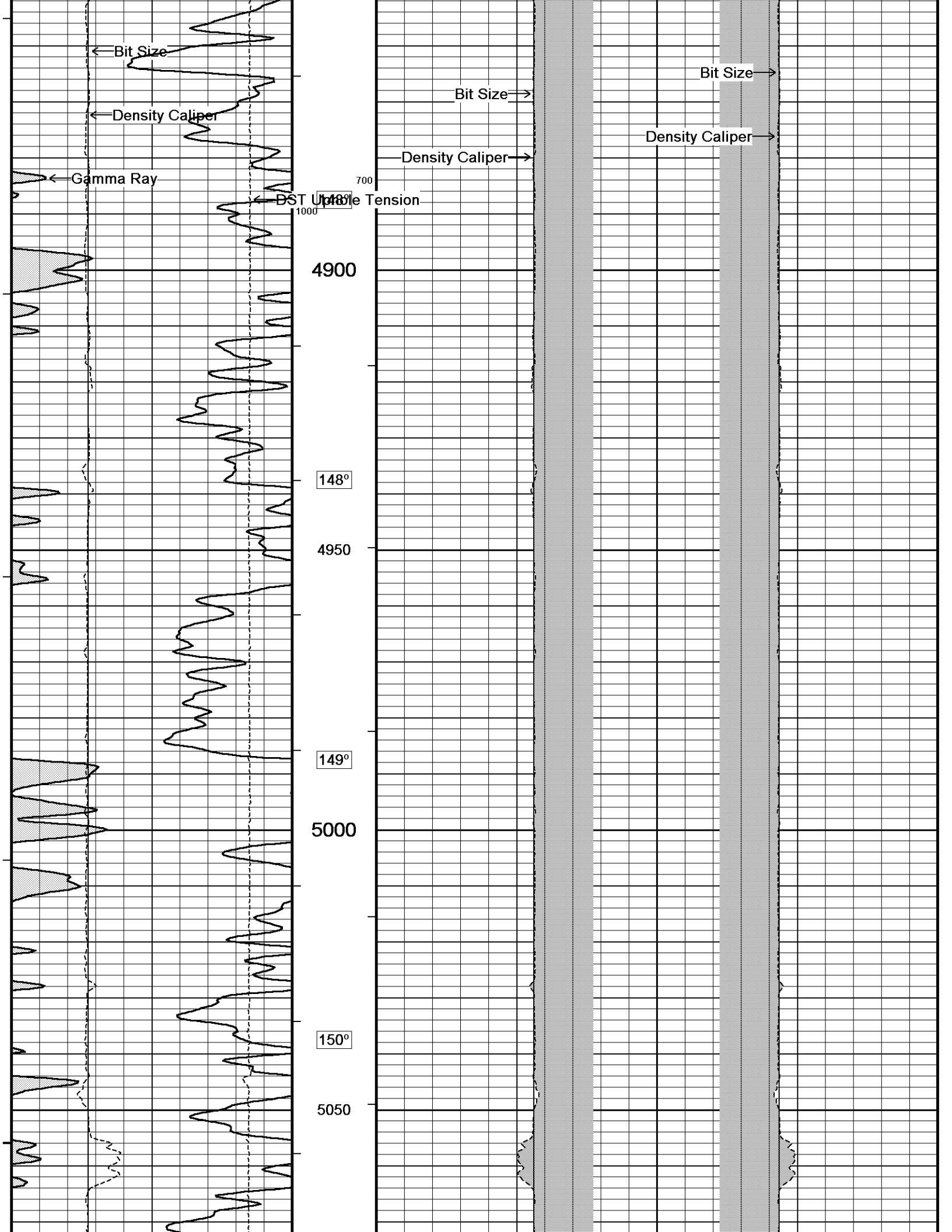


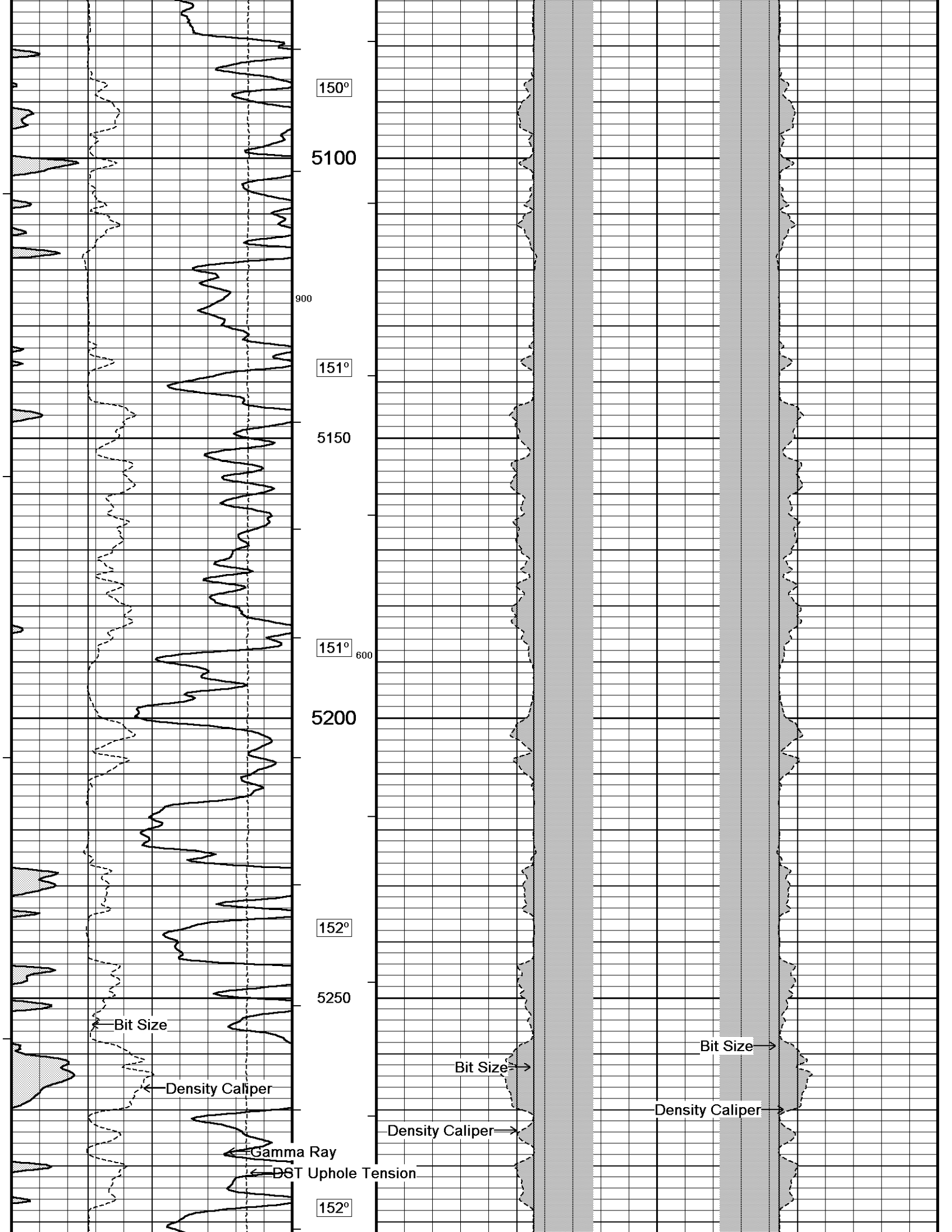


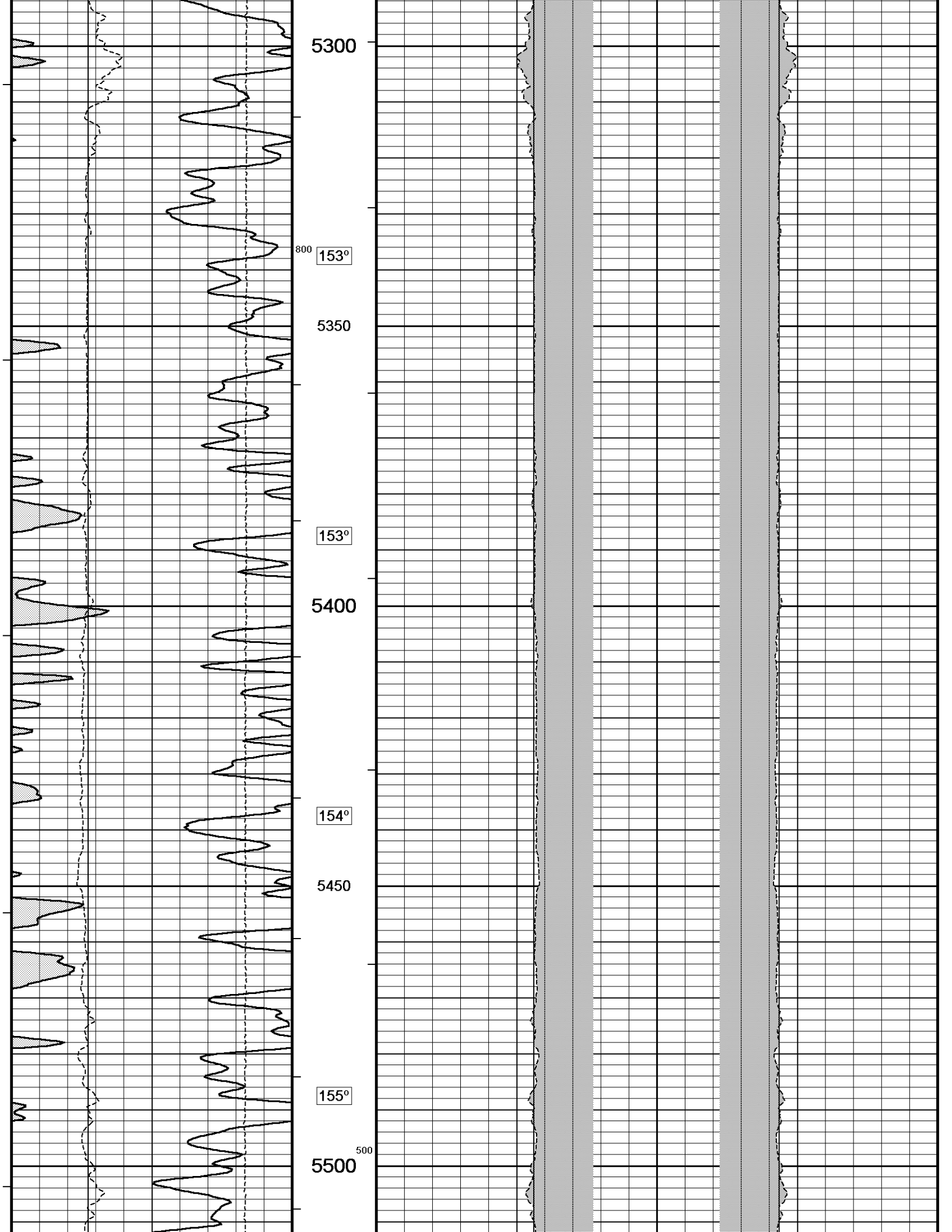


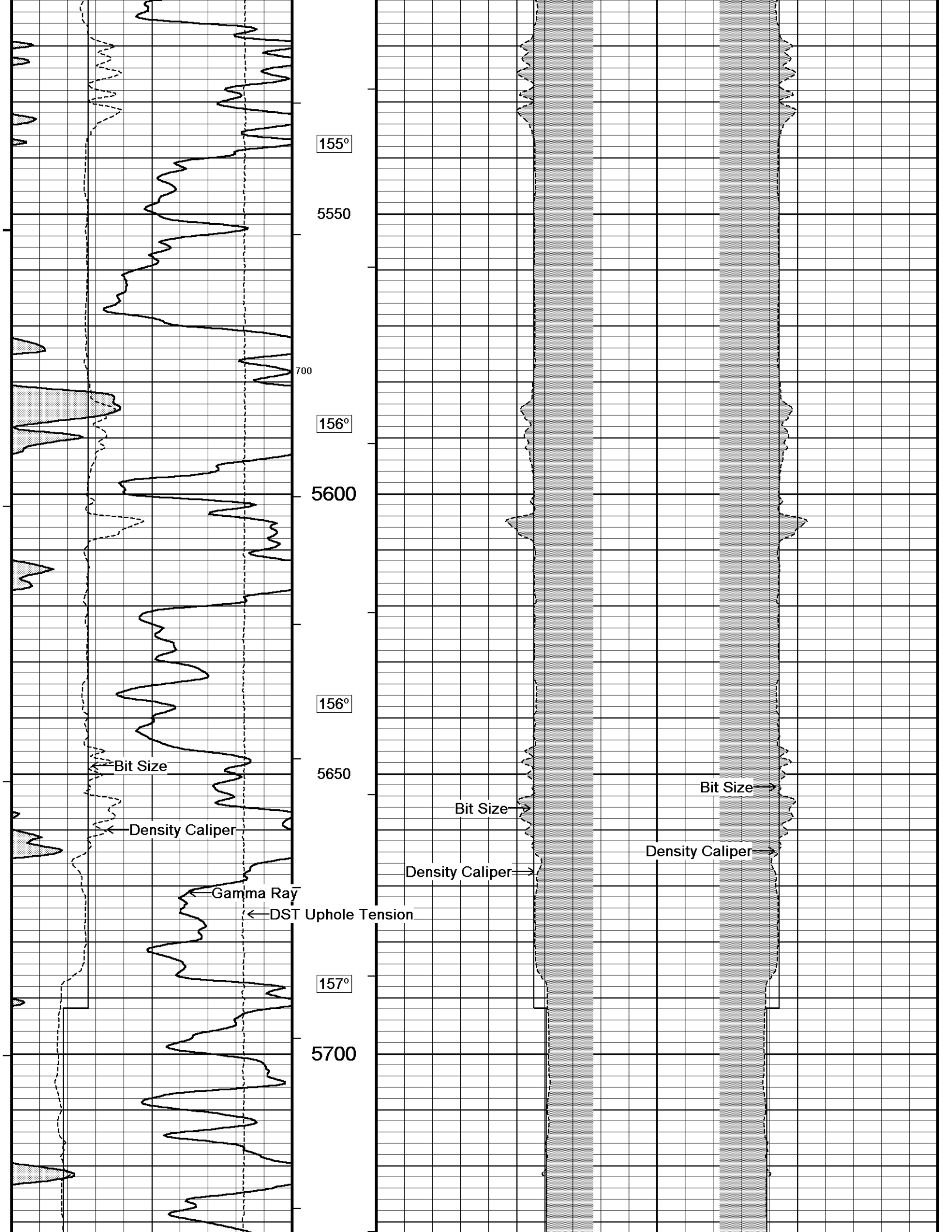


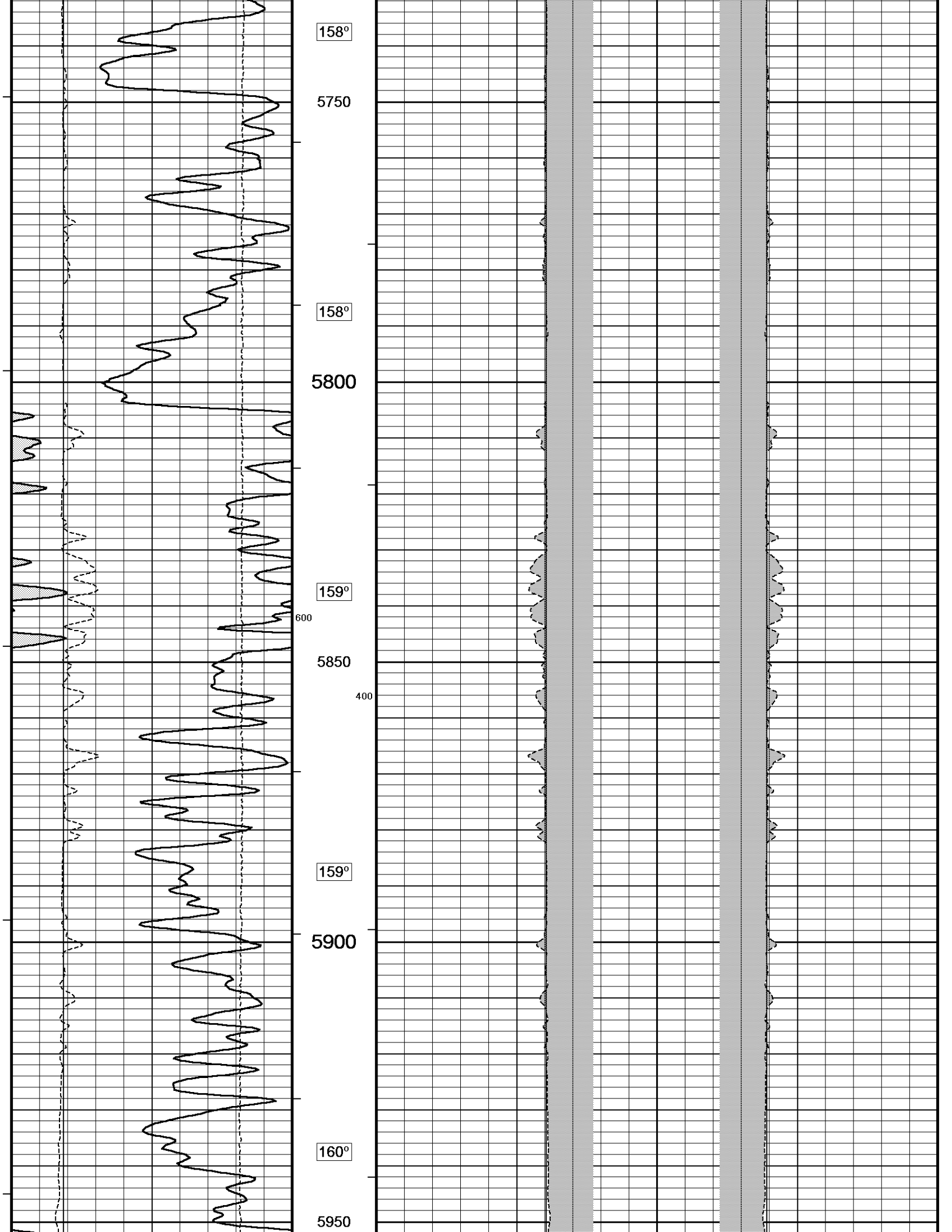


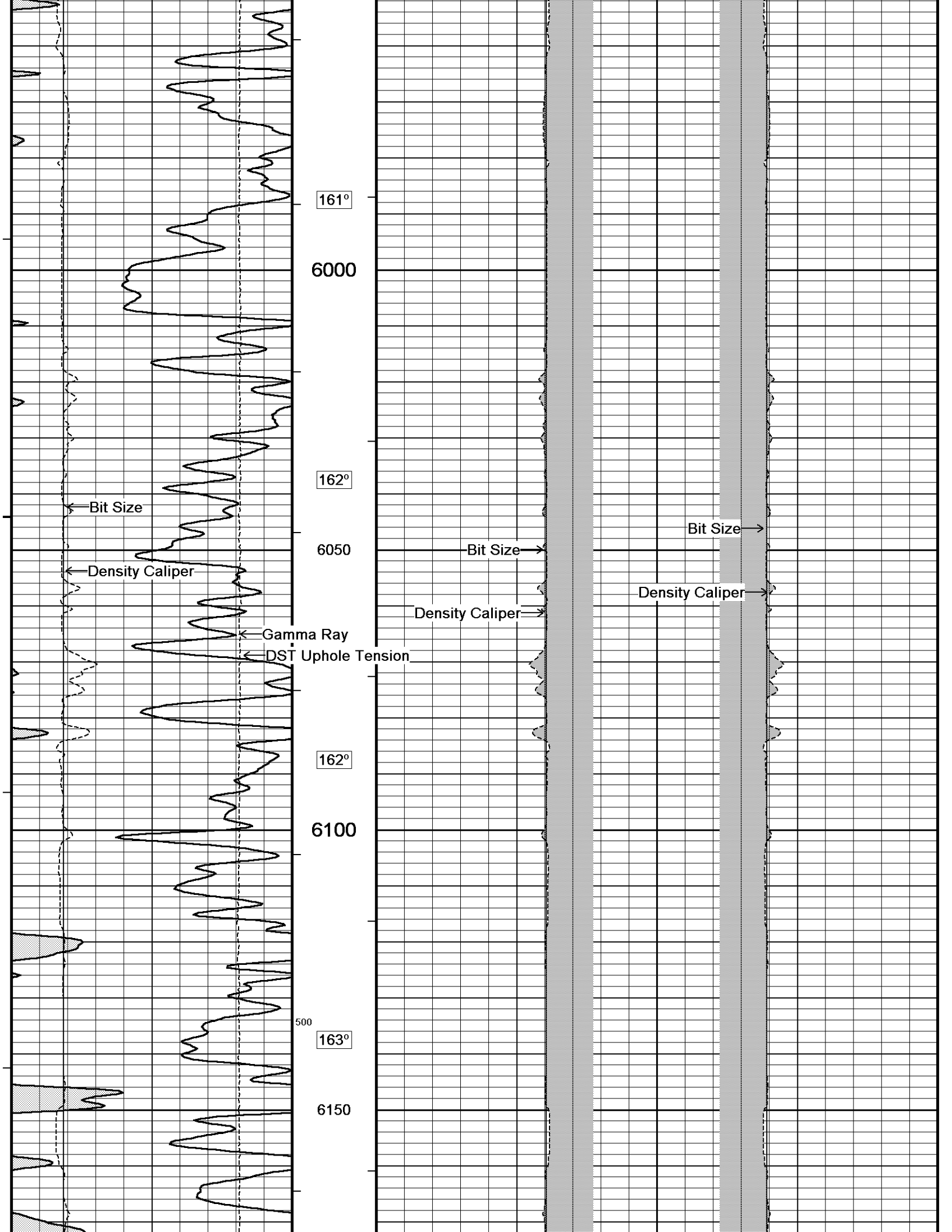


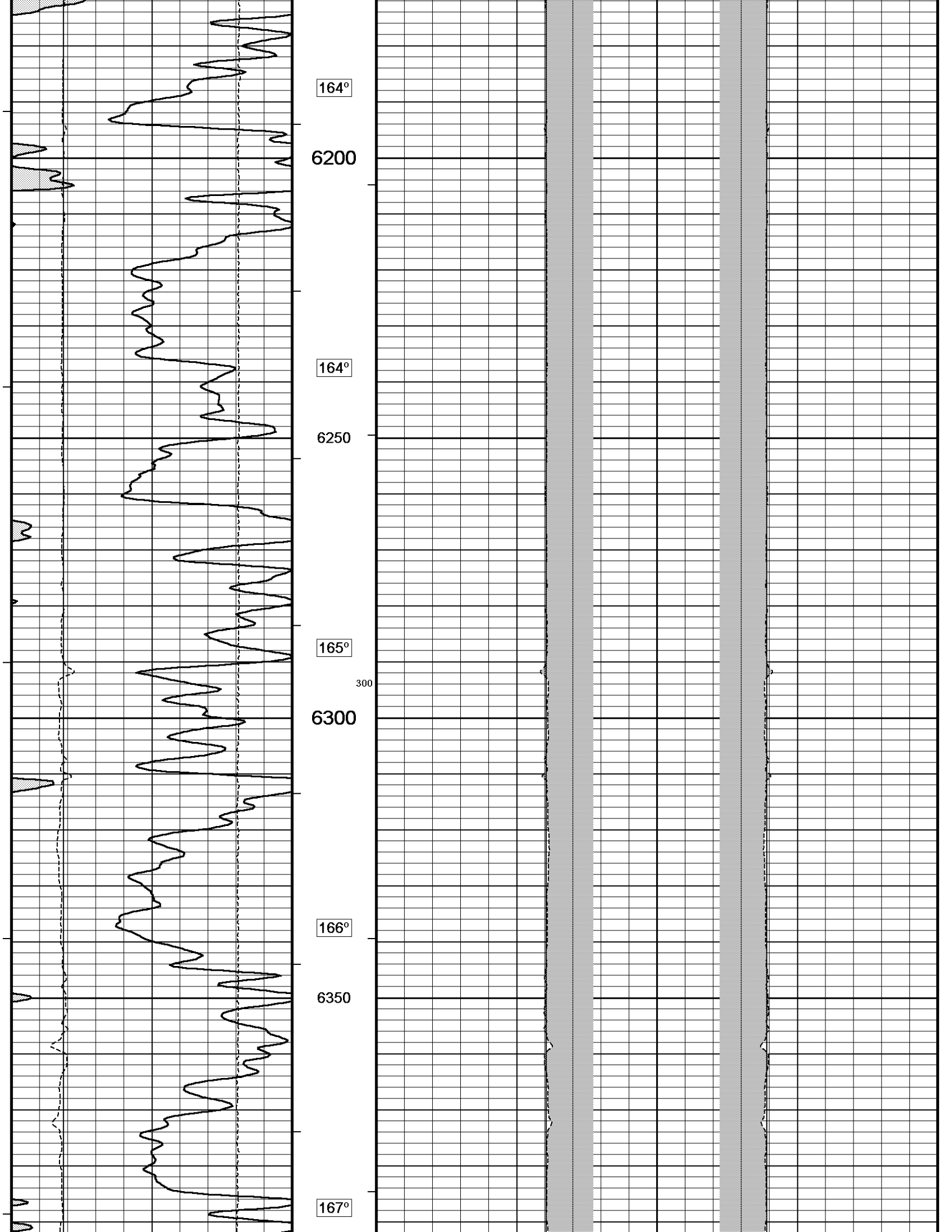


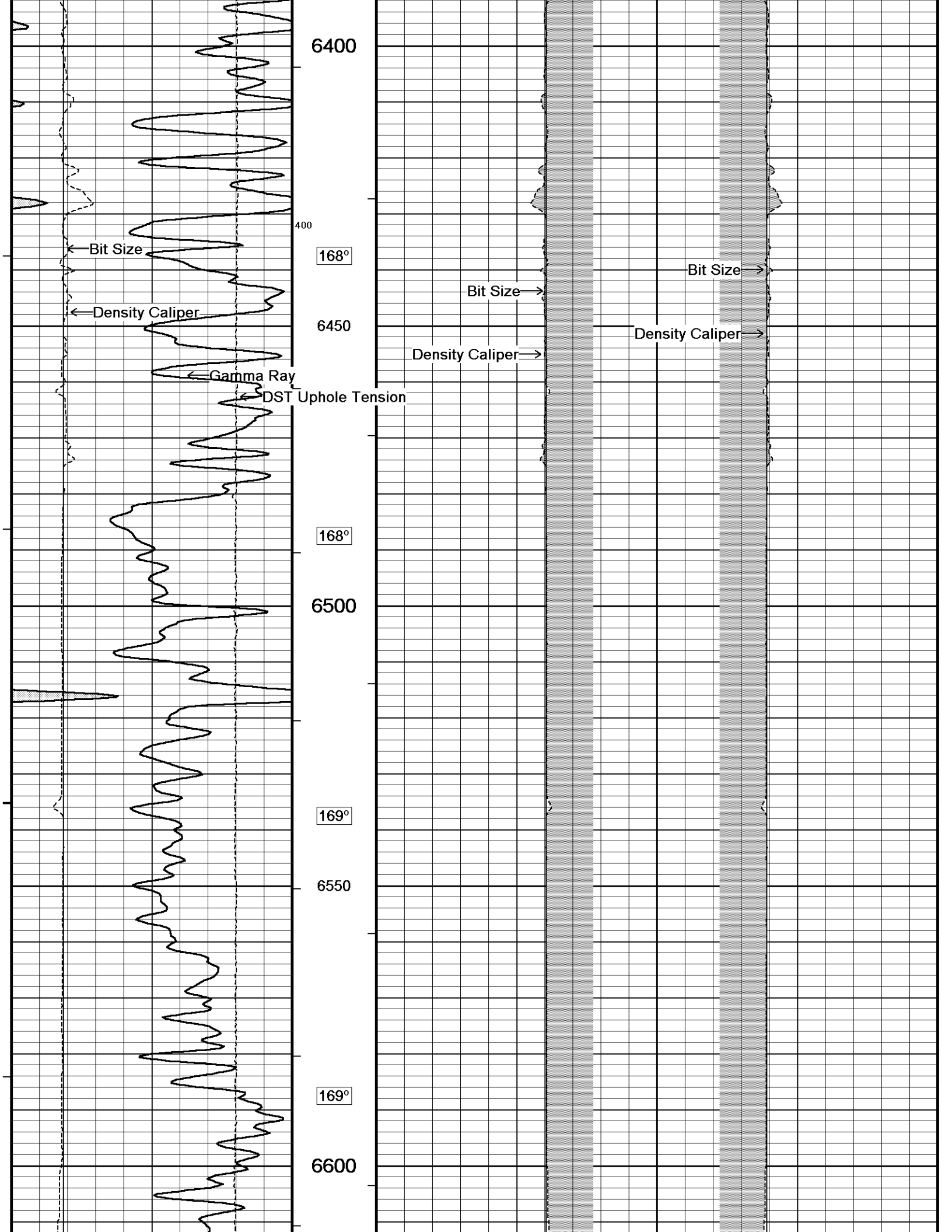


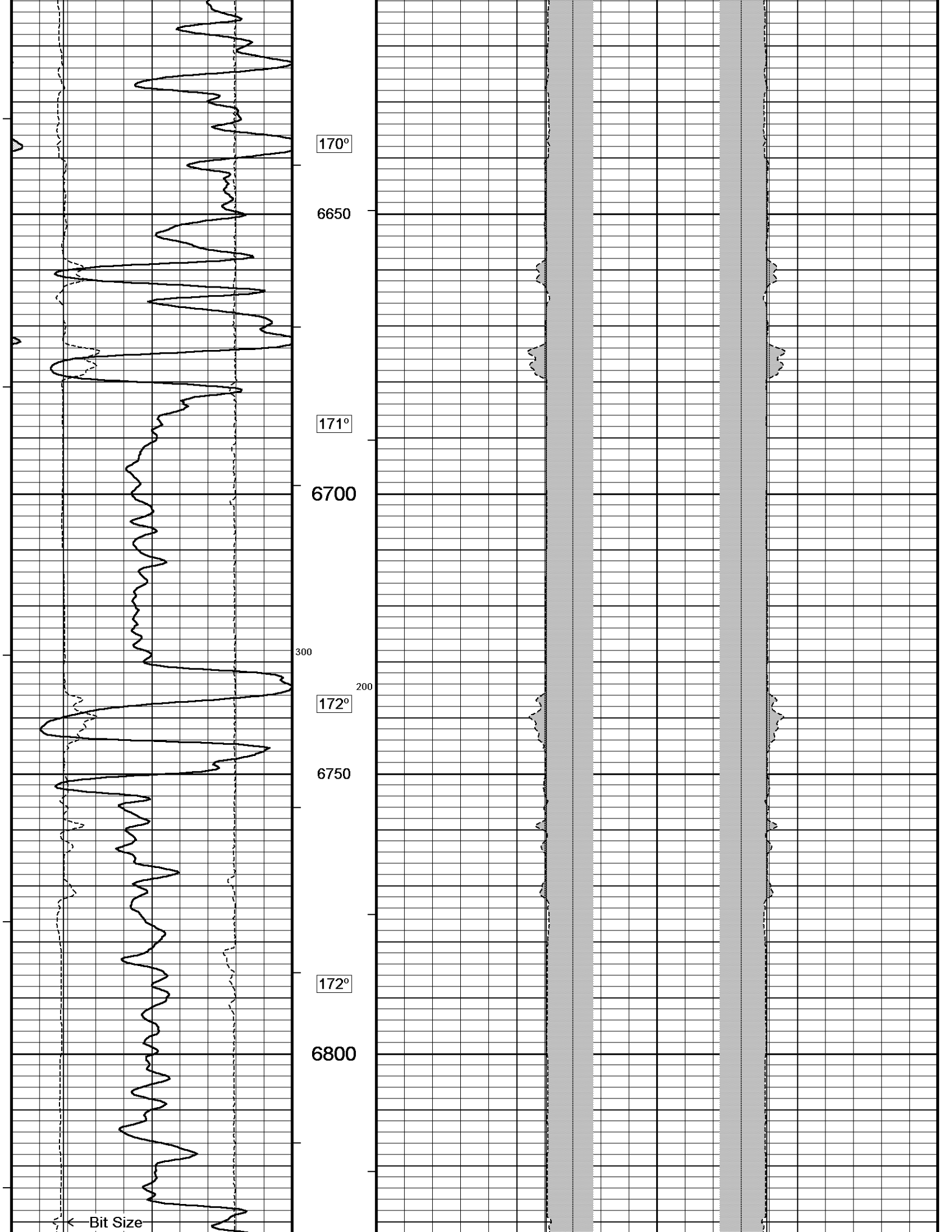


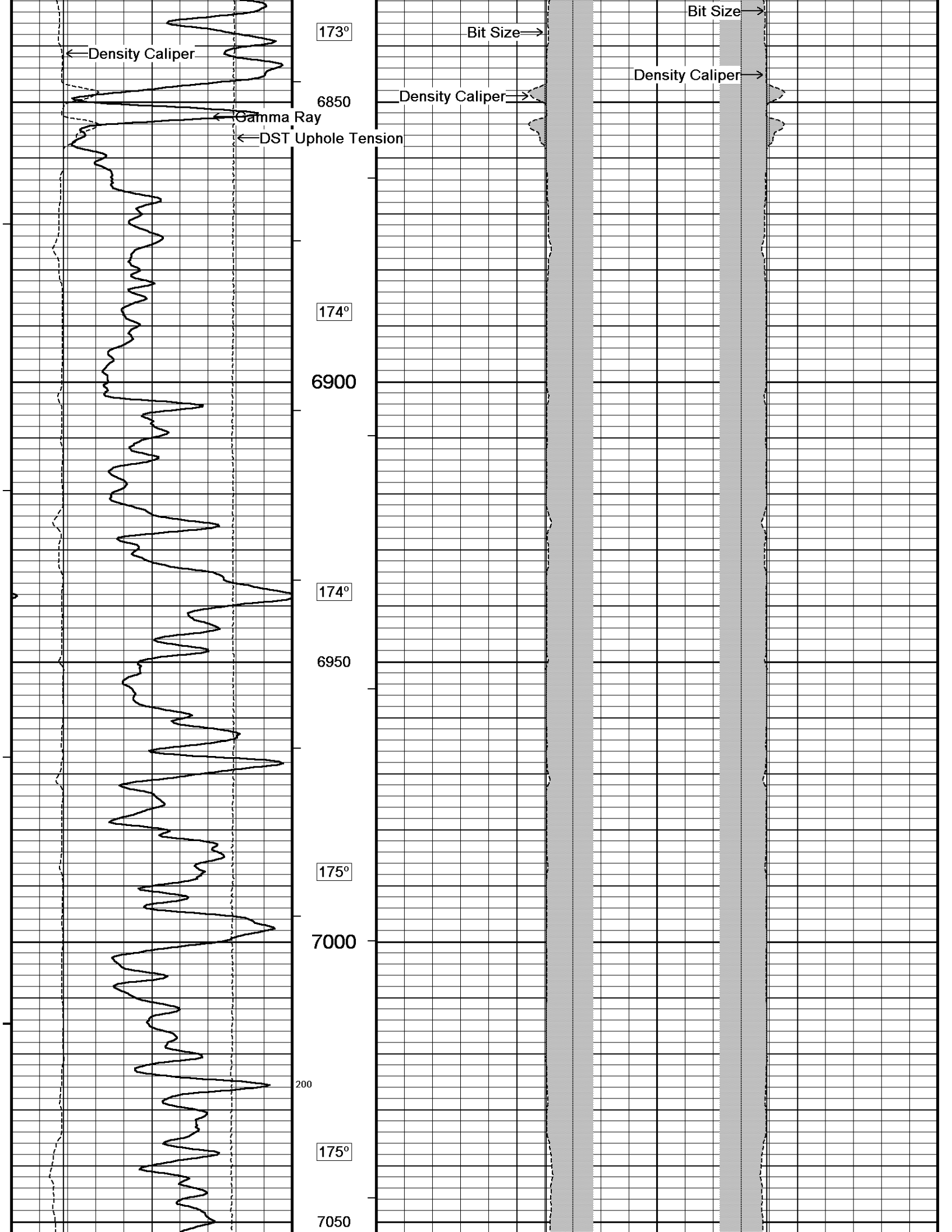


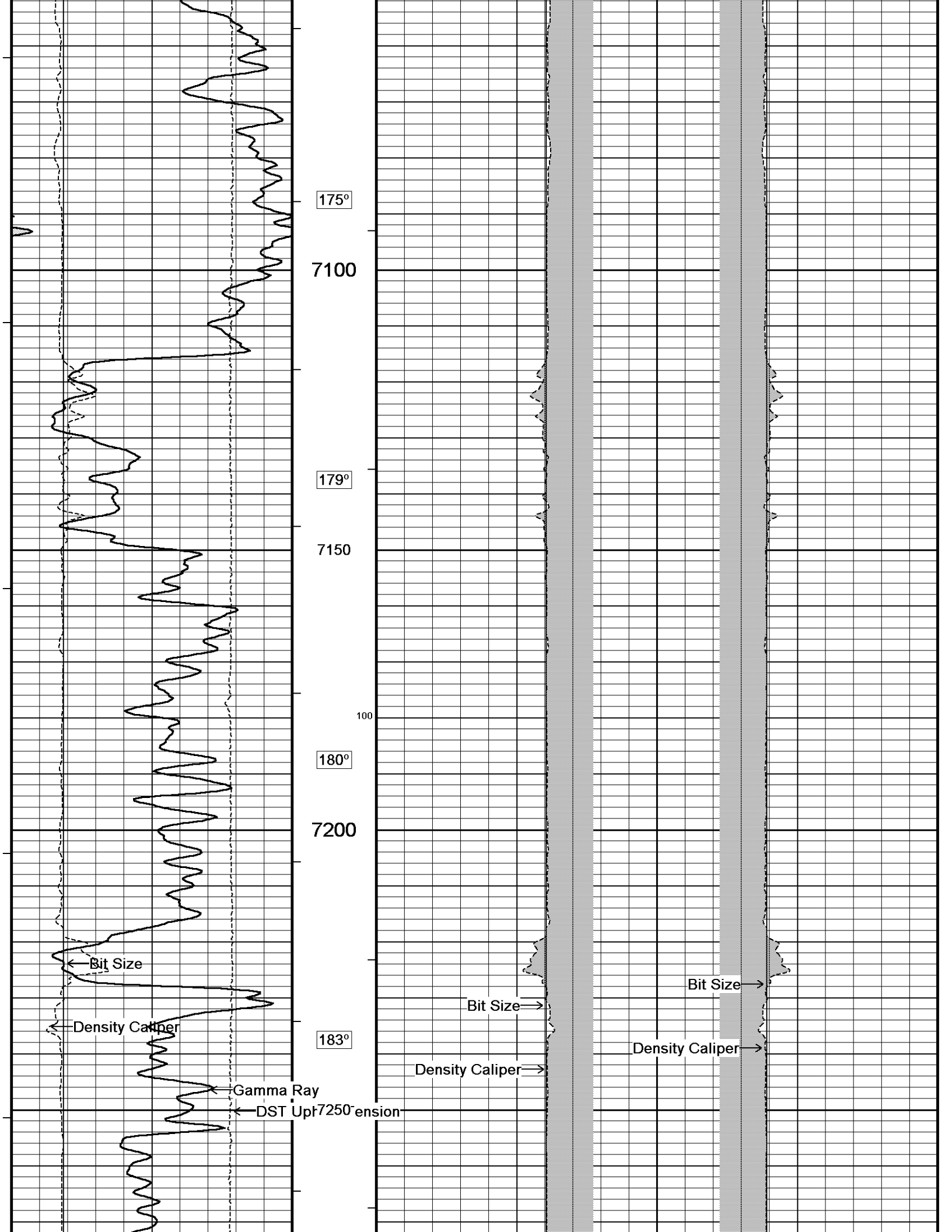


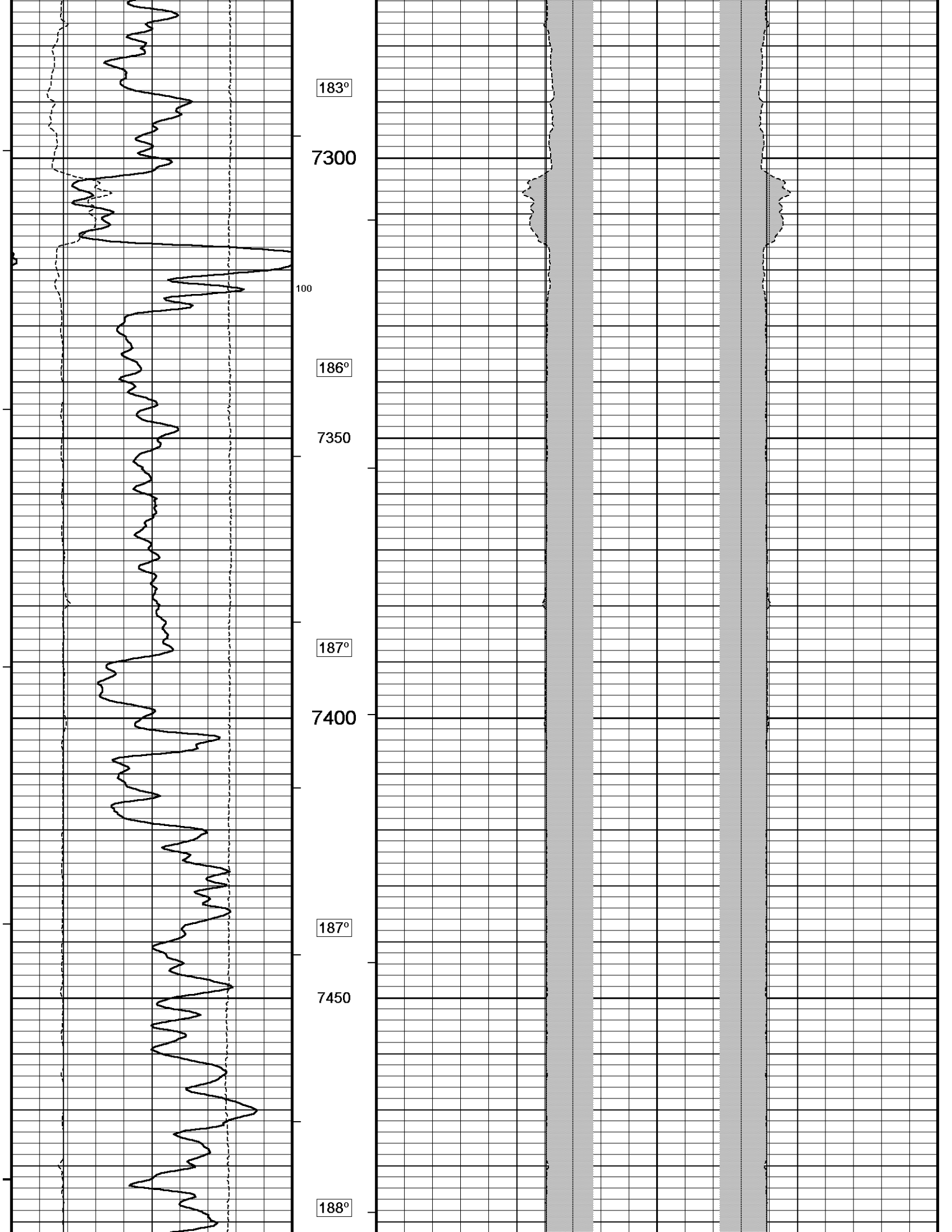


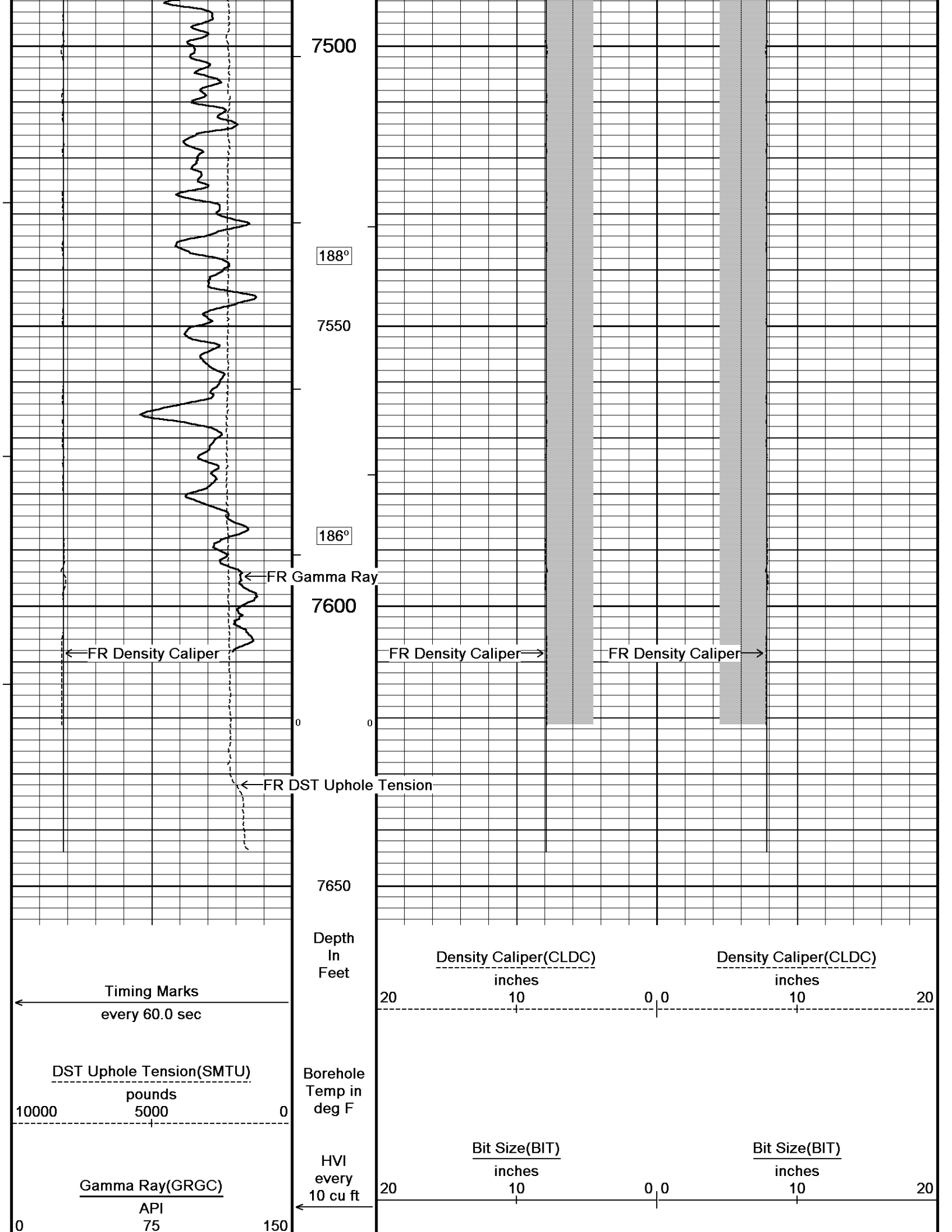


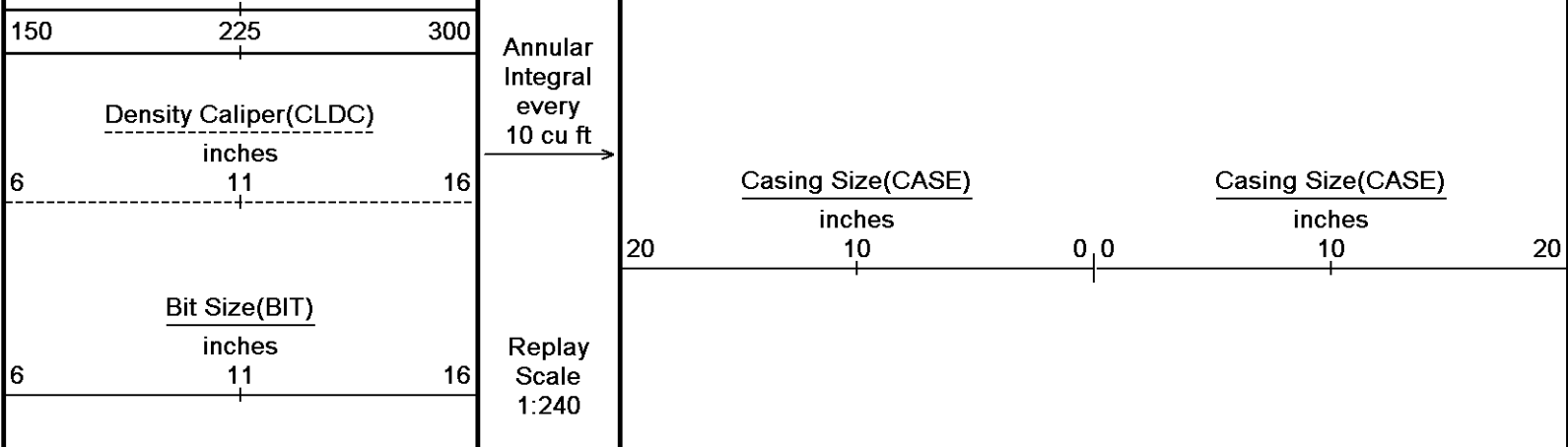












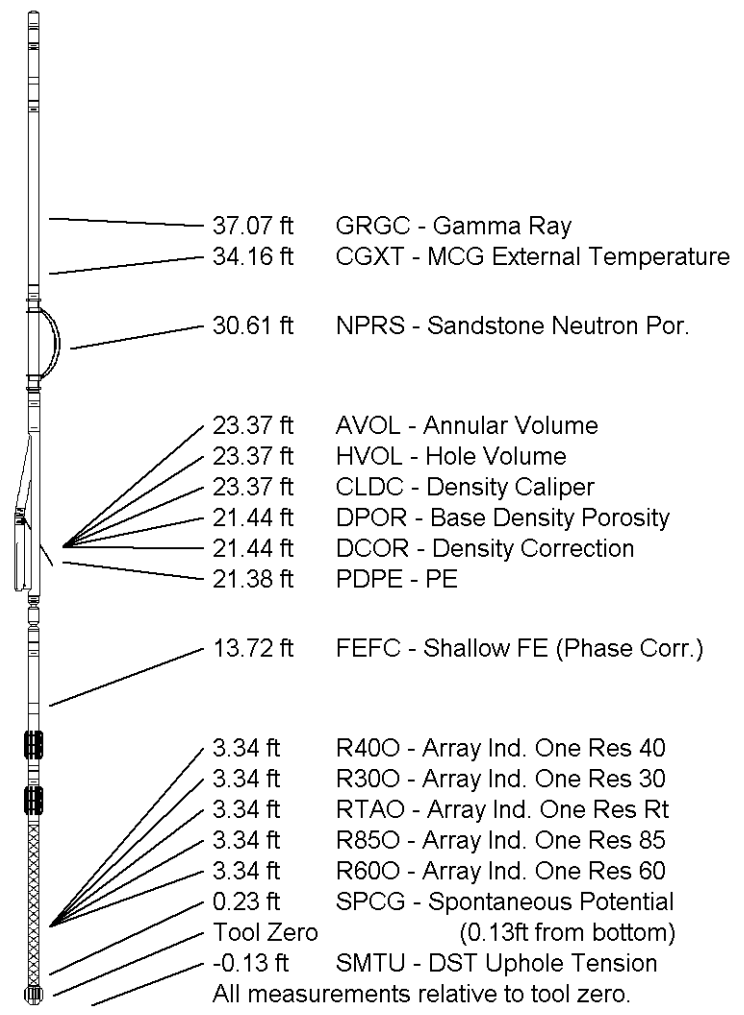
Depth Based Data - Maximum Sampling Increment 10.0cm
 Plotted on 11-AUG-2011 10:04
 Filename: C:\LOGS\Bill Barrett\Kaufman 23B-24-692\MAIN.dta
 Recorded on 11-AUG-2011 07:05
 System Versions: Logged with 11.03.4044 Processed with 11.03.4044 Plotted with 11.03.4044

5 INCH MAIN LOG

DOWNHOLE EQUIPMENT

C:\LOGS\Bill Barrett\Kaufman 23B-24-692\MAIN.dta

- 3/8" Triple Cone Cable Head (MCB C A)
MCB-C.A 5 LG: 1.58 ft WT: 15.4 lb OD: 2.24 in
- SHA-F Compact Swivel Head Adaptor
SHA-F 82 LG: 2.74 ft WT: 26.5 lb OD: 2.24 in
- Compact Comms Gamma
MCG-D.A 287 LG: 8.70 ft WT: 63.9 lb OD: 2.24 in
- Compact Neutron
MDN-A.B 160 LG: 5.04 ft WT: 50.7 lb OD: 2.24 in
- Compact Density/Caliper
MPD-B 167 LG: 9.59 ft WT: 90.4 lb OD: 2.45 in
- SKJ-D.A Compact Knuckle Joint
SKJ-D.A 114 LG: 2.17 ft WT: 24.3 lb OD: 2.24 in
- Compact Focussed Electric
MFE-A.A 85 LG: 6.05 ft WT: 48.5 lb OD: 2.24 in
- Compact Induction
MAI-B.A 213 LG: 10.81 ft WT: 48.5 lb OD: 2.24 in
- Total Length: 46.67 ft Weight: 368.2 lb**



COMPANY	BILL BARRETT CORPORATION
WELL	KAUFMAN 23B-24-692
FIELD	MAMM CREEK
PROVINCE/COUNTY	GARFIELD
COUNTRY/STATE	U.S.A. / COLORADO

COUNTRY/STATE U.S.A. / COLORADO

Elevation Kelly Bushing	5866.00	feet	First Reading	7609.00	
Elevation Drill Floor	5866.00	feet	Depth Driller	7633.00	feet
Elevation Ground Level	5843.00	feet	Depth Logger	7632.00	feet



Weatherford[®]

HOLE VOLUME
CALIPER LOG

