

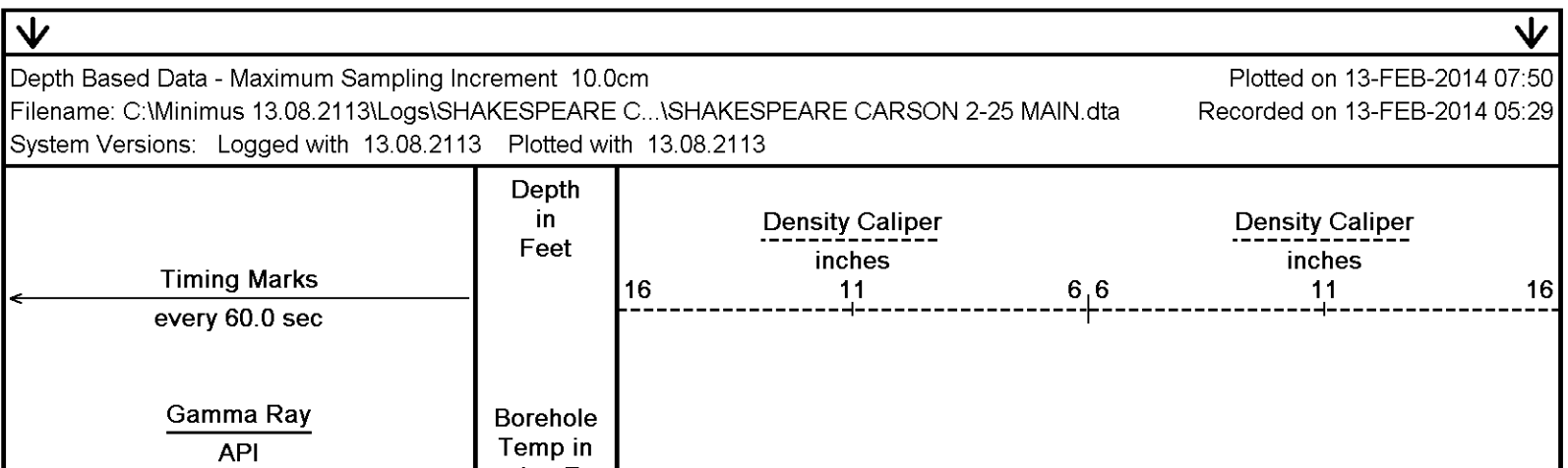


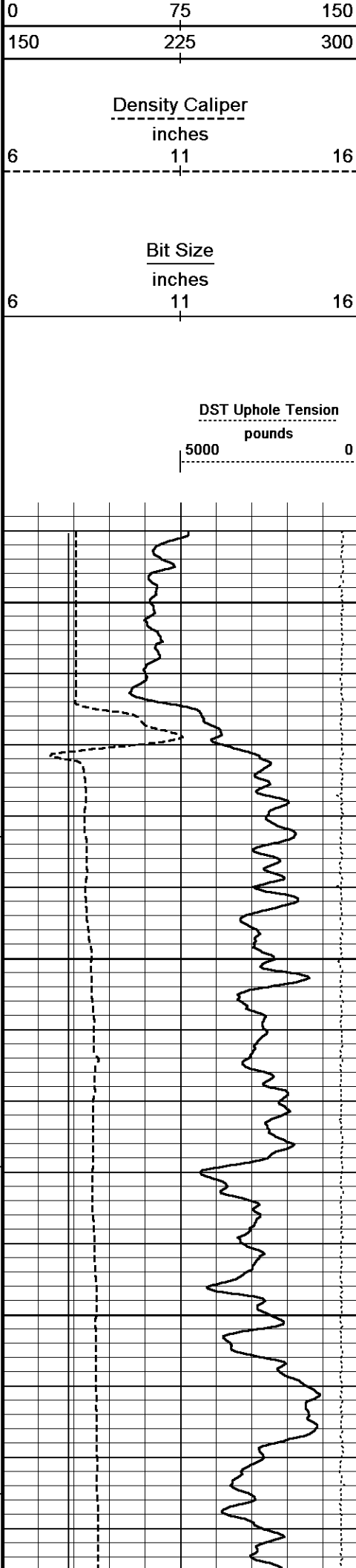
Weatherford

CALIPER LOG

COMPANY				SHAKESPEARE OIL CO., INC.			
WELL				CARSON 2-25			
FIELD				PENCE EAST			
PROVINCE/COUNTY				SCOTT			
COUNTRY/STATE				U.S.A. / KANSAS			
LOCATION				1230' FSL & 435' FWL / NE NW SW SW			
SEC 25	TWP 16S	RGE 34W	Other Services				
Latitude		15-171-21022					
Longitude							
API Number							
Permanent Datum GL, Elevation 3100 feet							
Log Measured From KB							
Drilling Measured From KB @ 12 FEET							
Date	13-FEB-2014					Elevations: feet	
Run Number	ONE					KB 3112.00	
Service Order	5872-79443934					DF 3110.00	
Depth Driller	4860.00			feet		3100.00	
Depth Logger	4862.00			feet			
First Reading							
Last Reading	3860.00			feet			
Casing Driller	263.00			feet			
Casing Logger	264.00			feet			
Bit Size	7.875			inches			
Hole Fluid Type	CHEMICAL						
Density / Viscosity	9.60	lb/USg	53.00	CP			
PH / Fluid Loss	10.00		8.80	ml/30Min			
Sample Source	FLOWLINE						
Rm @ Measured Temp	1.05	@ 63.0	ohm-m				
Rmf @ Measured Temp	0.84	@ 63.0	ohm-m				
Rmc @ Measured Temp	1.26	@ 63.0	ohm-m				
Source Rmf / Rmc	CALC		CALC				
Rm @ BHT	0.59	@ 112.0	ohm-m				
Time Since Circulation	5 HRS						
Max Recorded Temp	112.00			deg F			
Equipment / Base	13244		LIB				
Recorded By	JOHN LAPOINT			DUANE COLE			
Witnessed By	MARK HERNDON						
JOB #	LB 14-46						

In interpreting, communicating or providing information and/or making recommendations, either written or oral, as to logs or test or other data, type or amount of material, or Work or other service to be furnished, or manner of performance, or in predicting results to be obtained, the Contractor will give the Company the benefit of the Contractor's best judgment based on its experience and will perform all such Work in a good and workmanlike manner. Any interpretation of test or other data, and any recommendation or reservoir description based upon such interpretations, are opinions based upon inferences from measurements and empirical relationships and assumptions, which inferences and assumptions are not infallible, and with respect to which professional engineers and analysts may differ. ACCORDINGLY ANY INTERPRETATION OR RECOMMENDATION RESULTING FROM THE SERVICES WILL BE AT THE SOLE RISK OF THE COMPANY, AND THE CONTRACTOR CANNOT AND DOES NOT WARRANT THE ACCURACY, CORRECTNESS OR COMPLETENESS OF ANY SUCH INTERPRETATION OR RECOMMENDATION, WHICH INTERPRETATIONS AND RECOMMENDATIONS SHOULD NOT, THEREFORE, UNDER ANY CIRCUMSTANCES BE RELIED UPON AS THE SOLE OR MAIN BASIS FOR ANY DRILLING, COMPLETION, WELL TREATMENT, PRODUCTION OR FINANCIAL DECISION, OR ANY PROCEDURE INVOLVING ANY RISK TO THE SAFETY OF ANY DRILLING ACTIVITY, DRILLING RIG OR ITS CREW OR ANY OTHER INDIVIDUAL. THE COMPANY HAS FULL RESPONSIBILITY FOR ALL DECISIONS CONCERNING THE SERVICES.



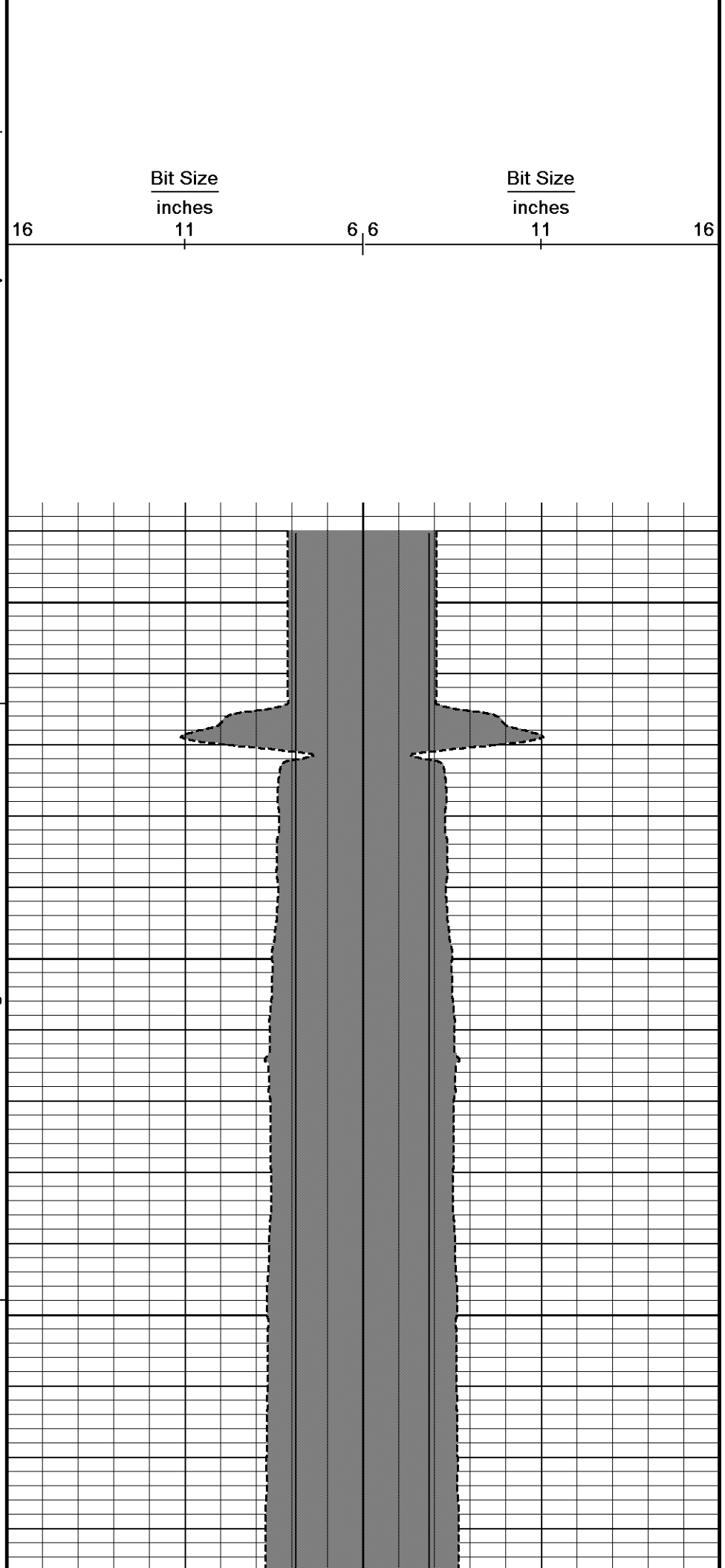


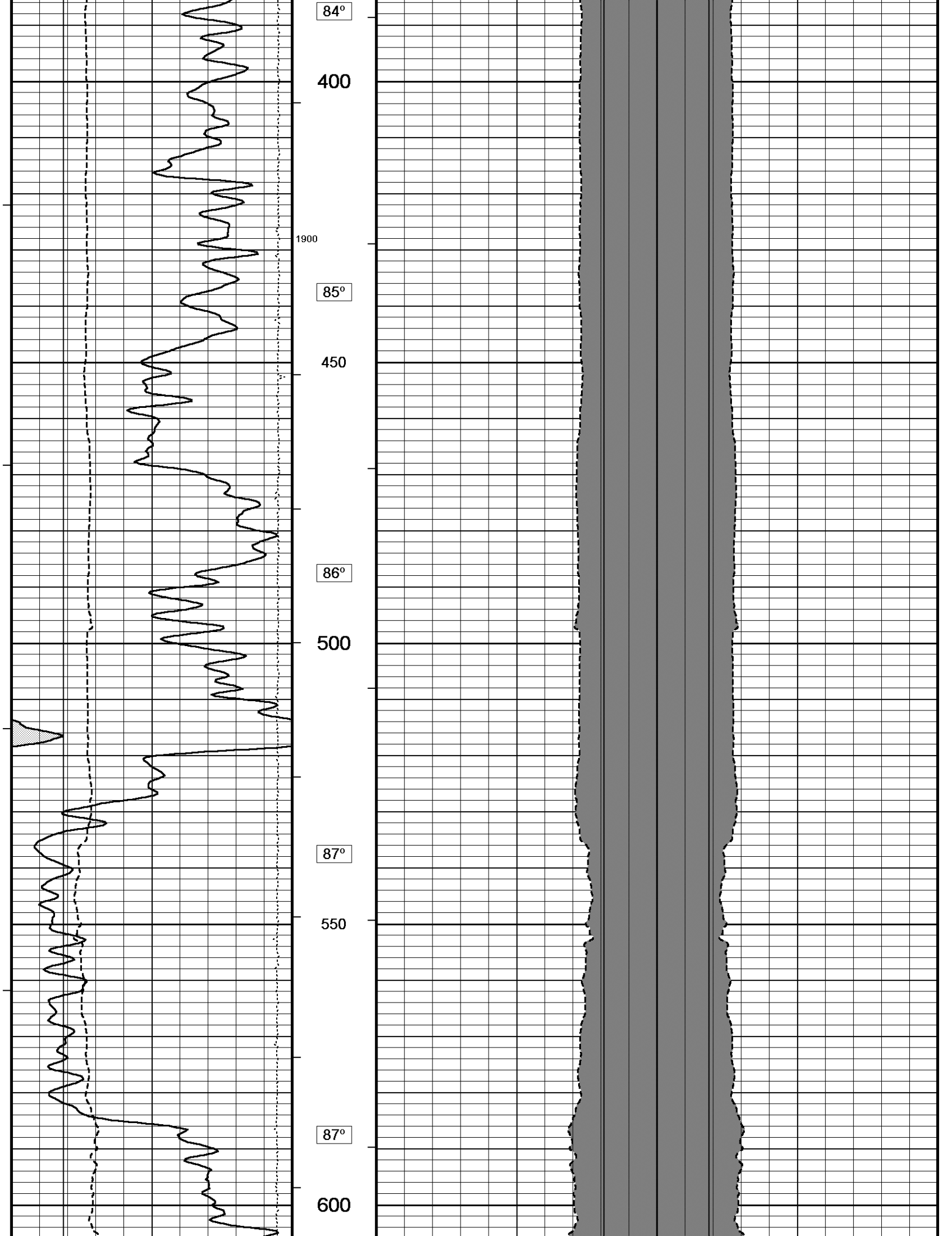
deg F

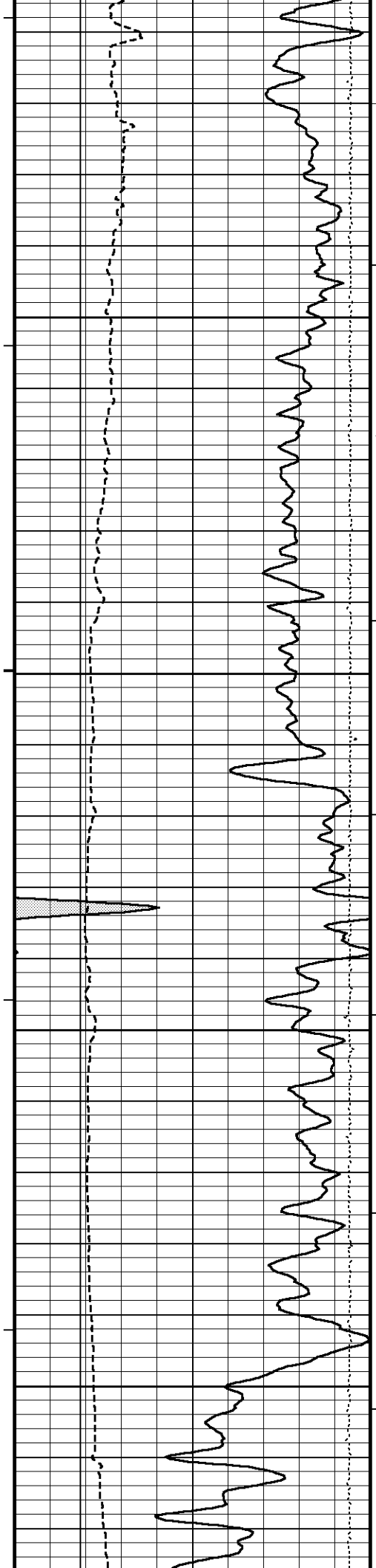
HVI
every
10 cu ft

Annular
Integral
every
10 cu ft

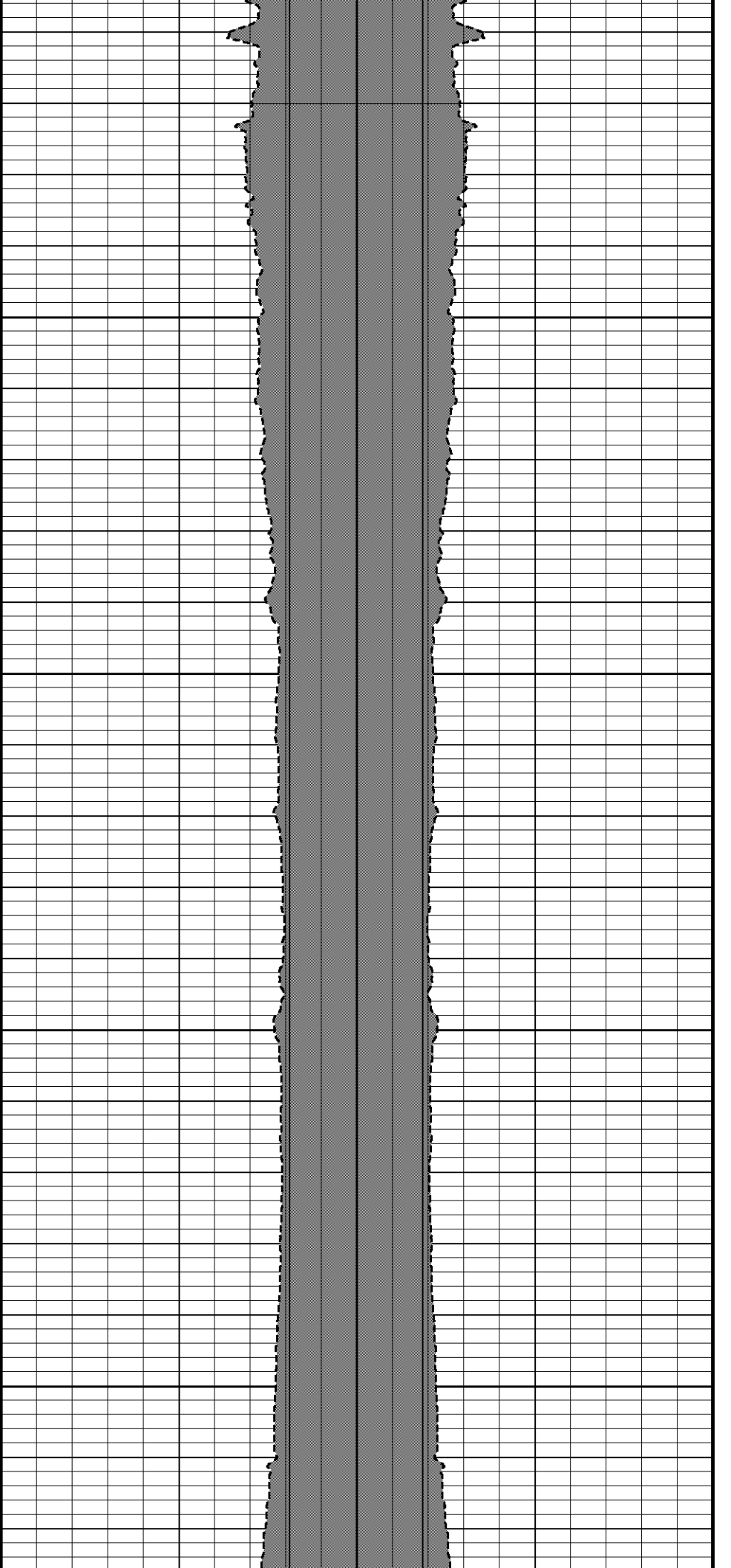
Replay
Scale
1:240

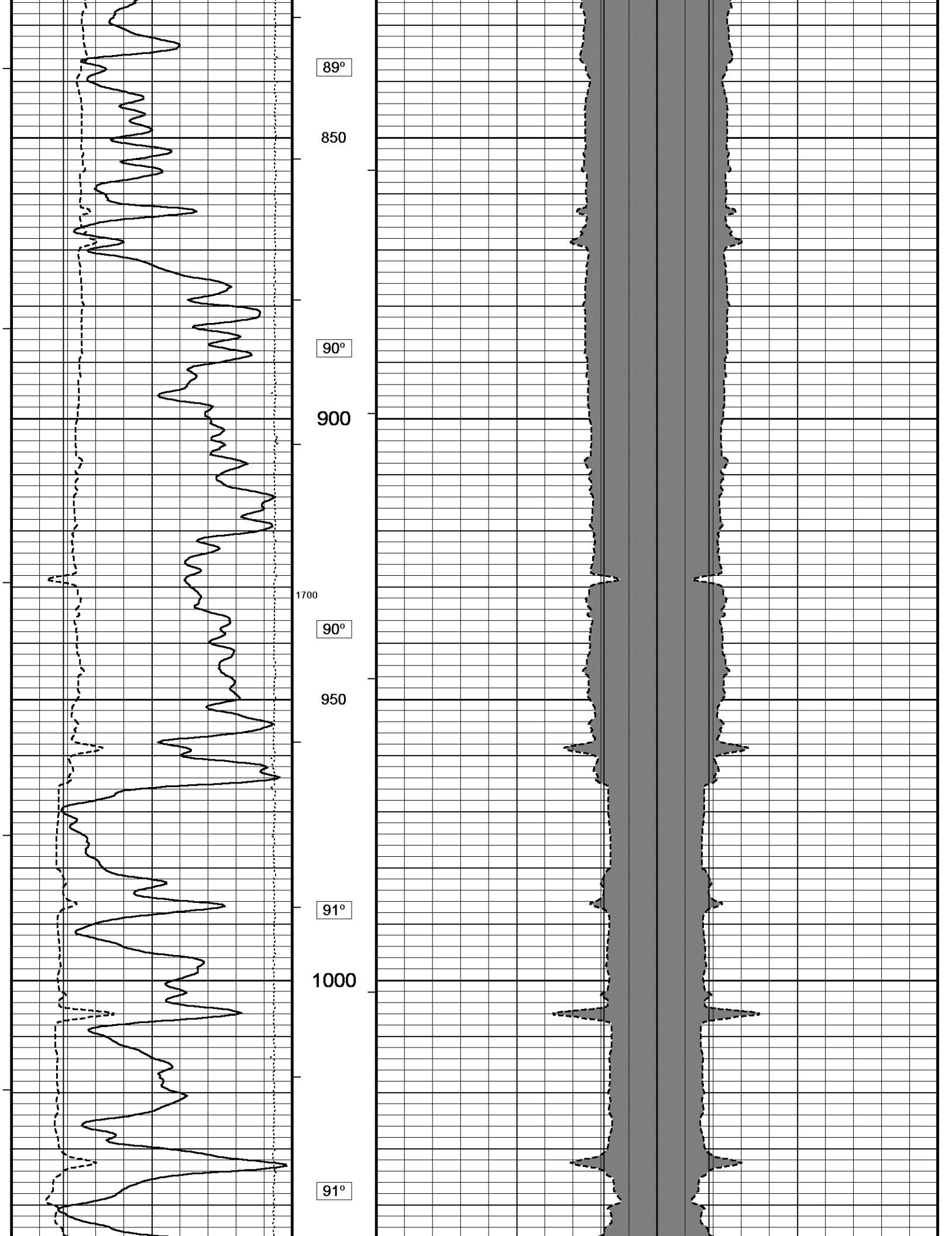


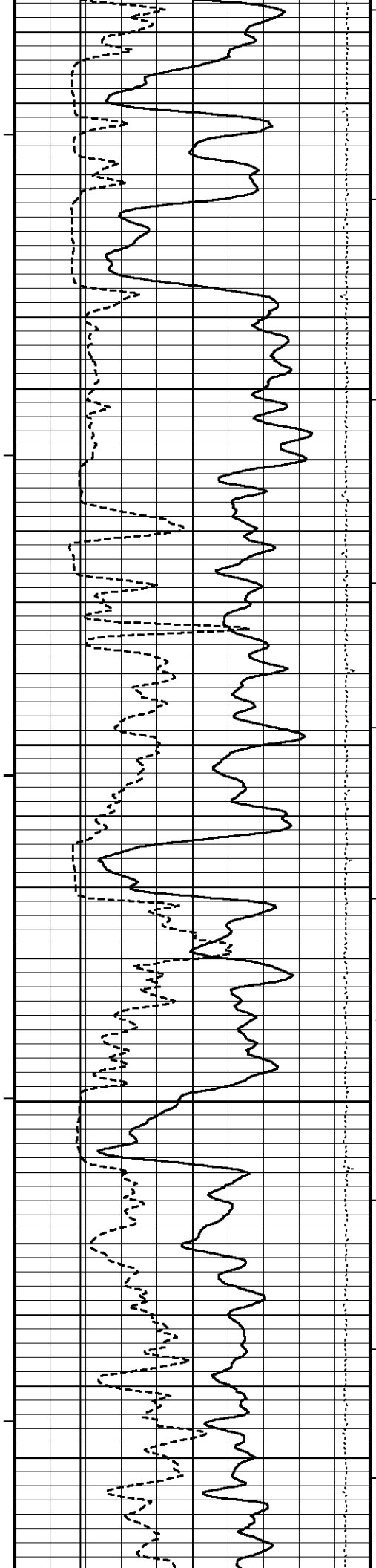




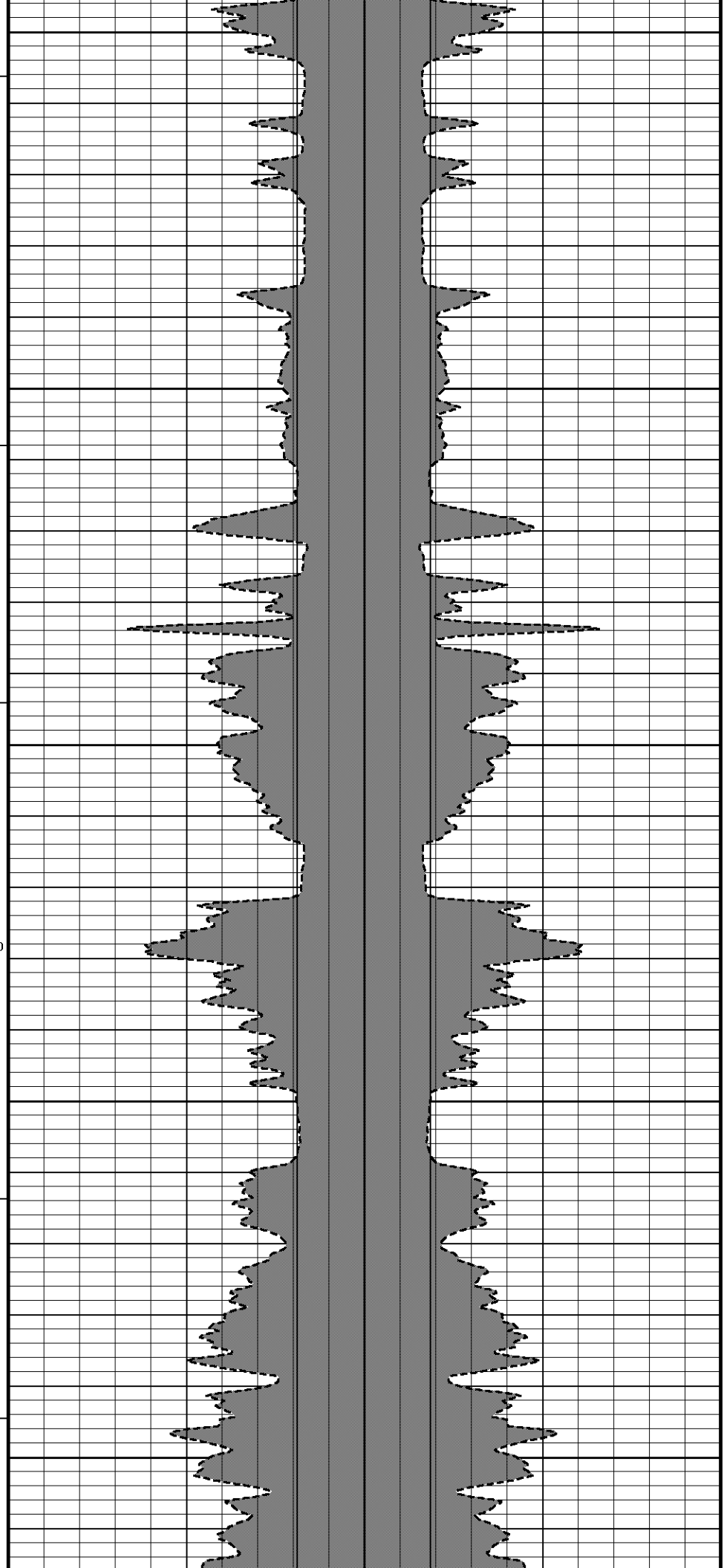
88°
650
1800
88°
700
1100
89°
750
89°
800

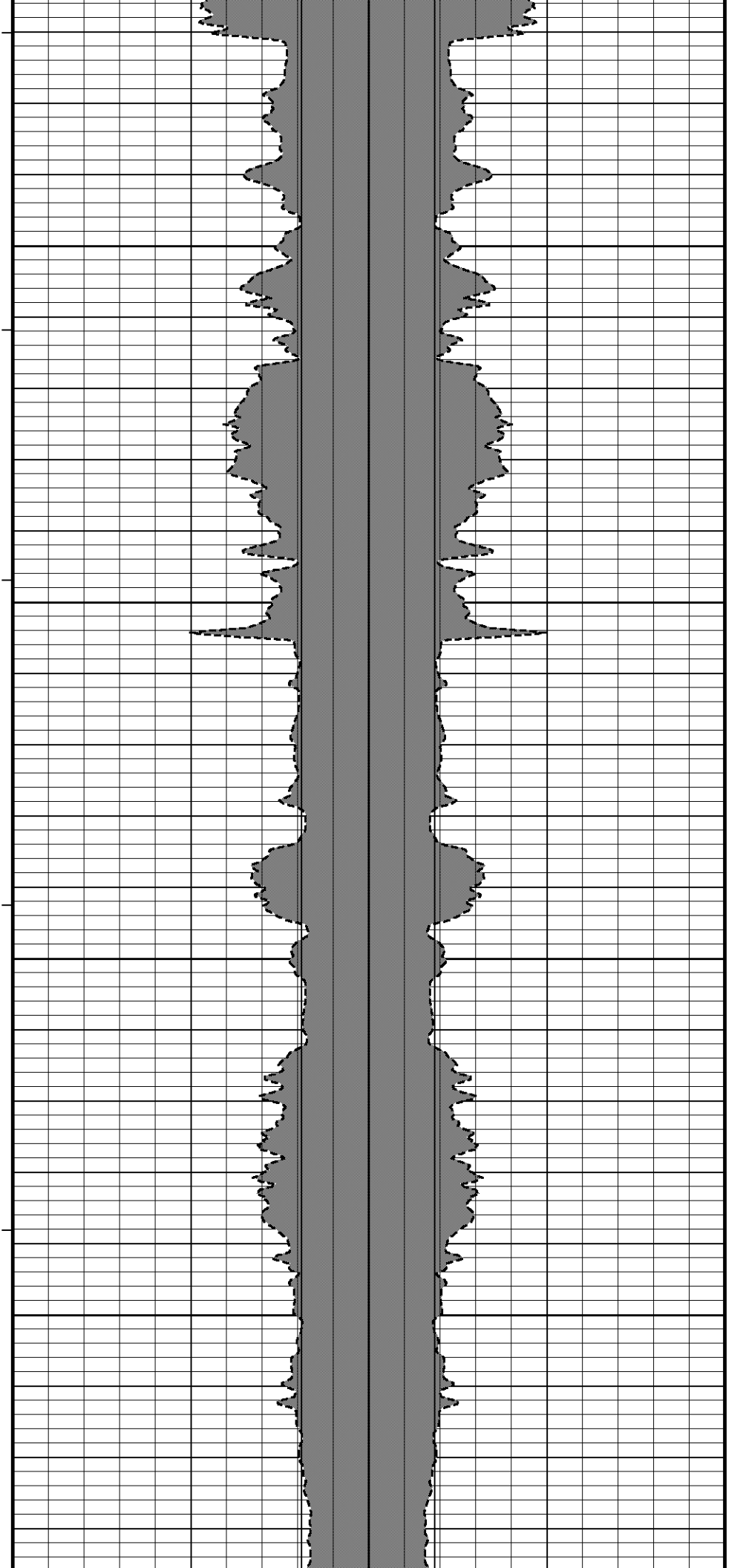
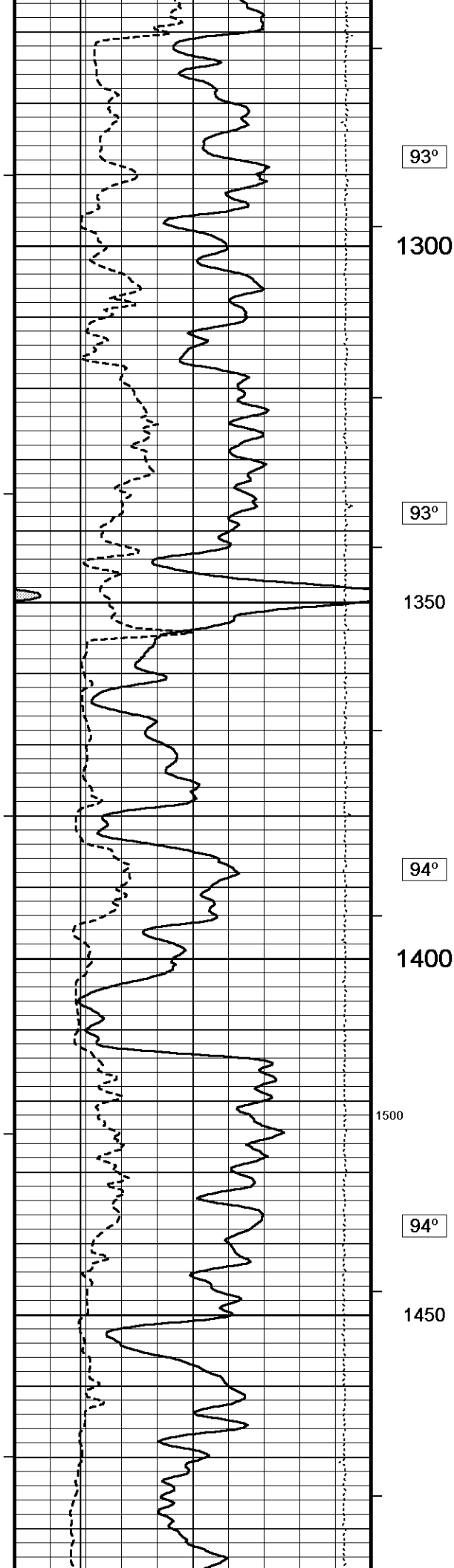


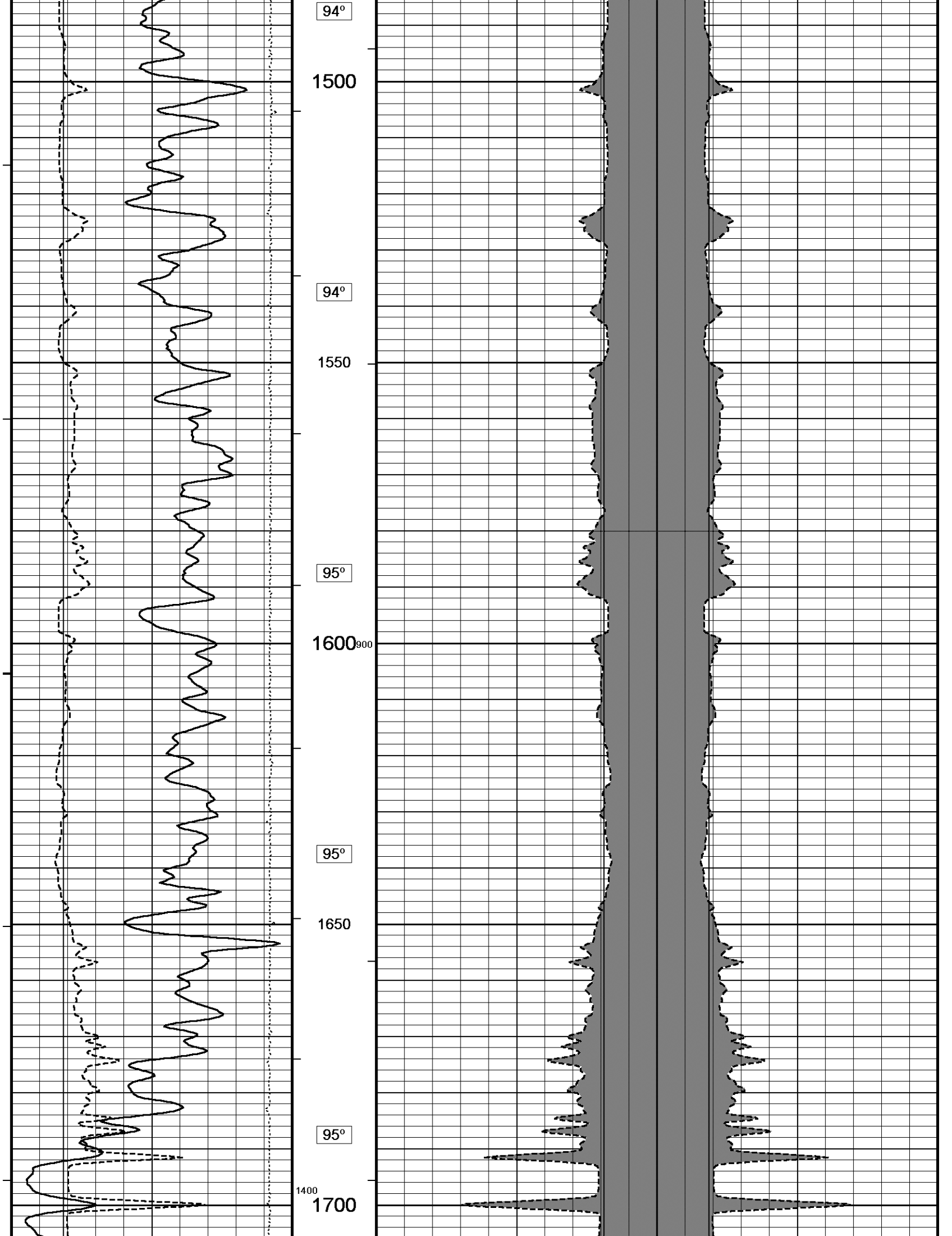


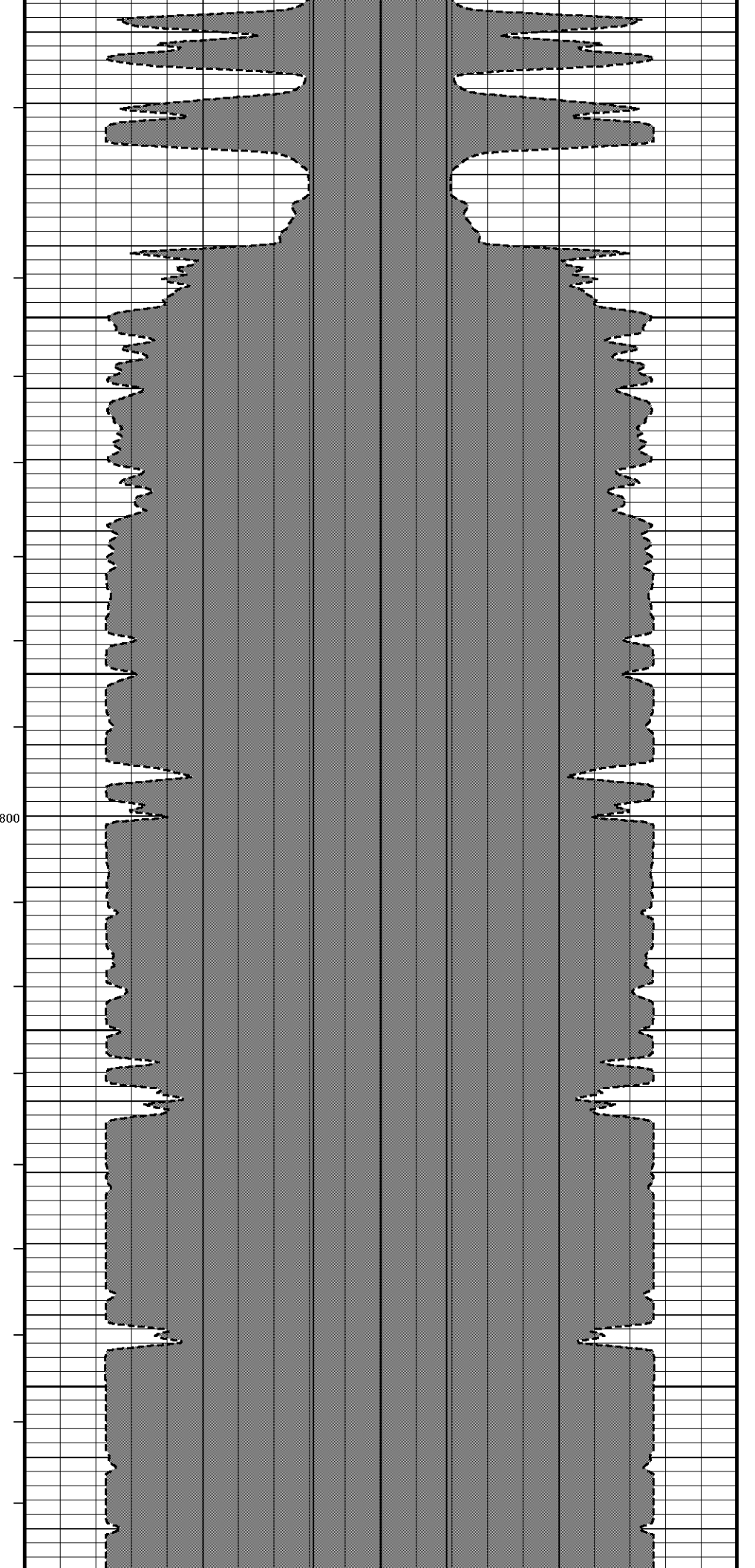
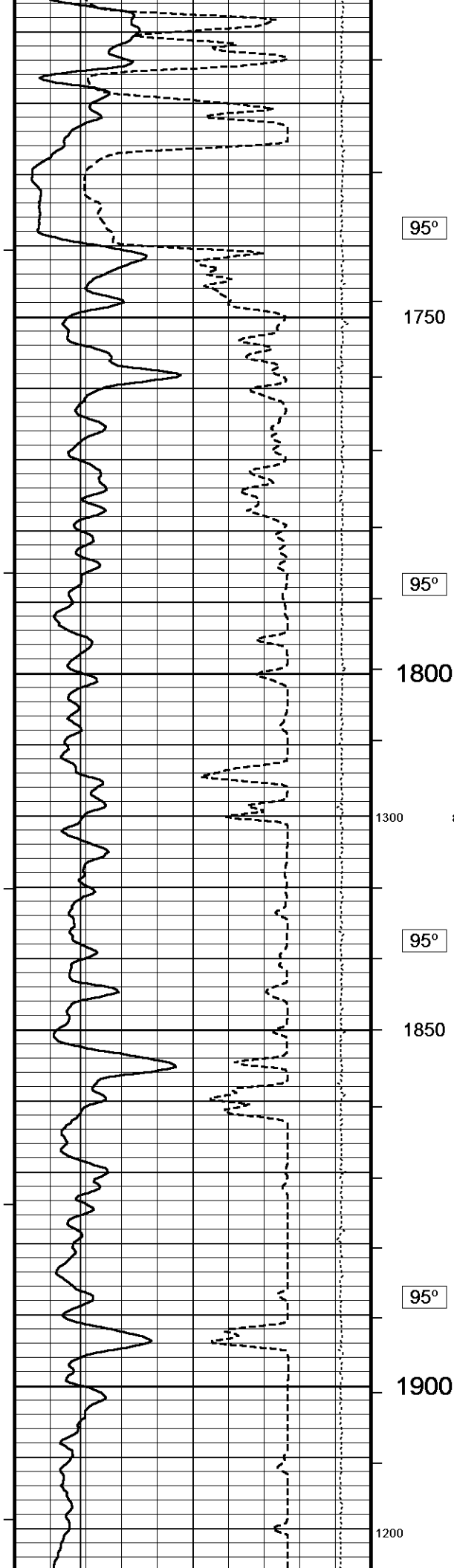


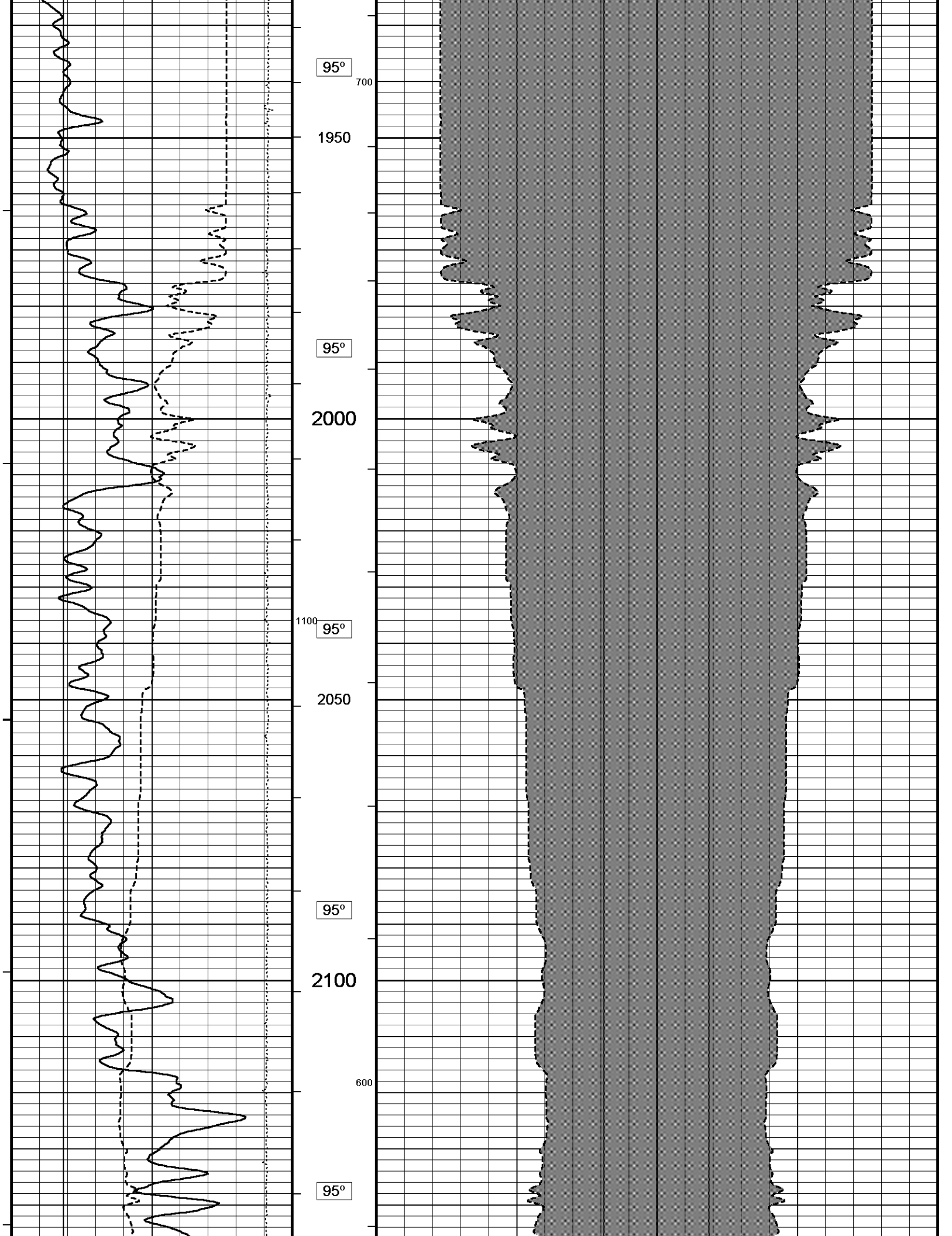
1050
92°
1100
92°
1150
1000
92°
1200
92°
1250

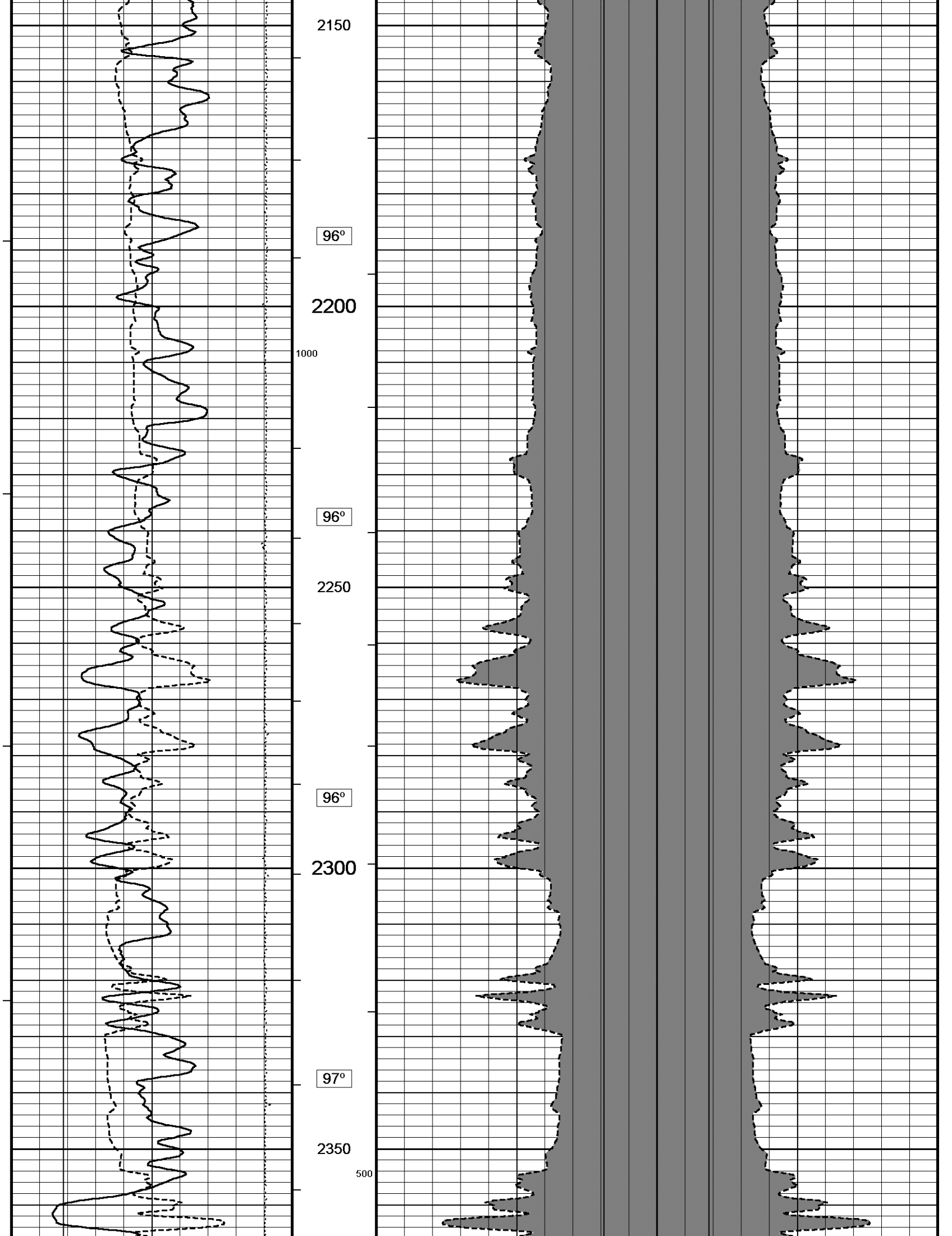


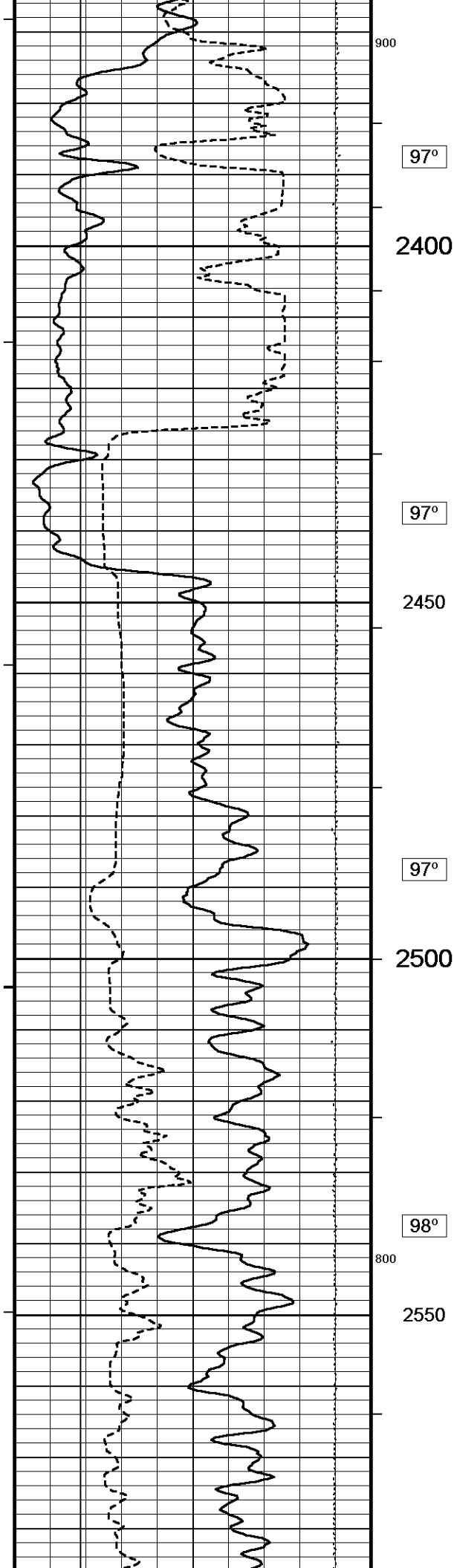












97°

2400

97°

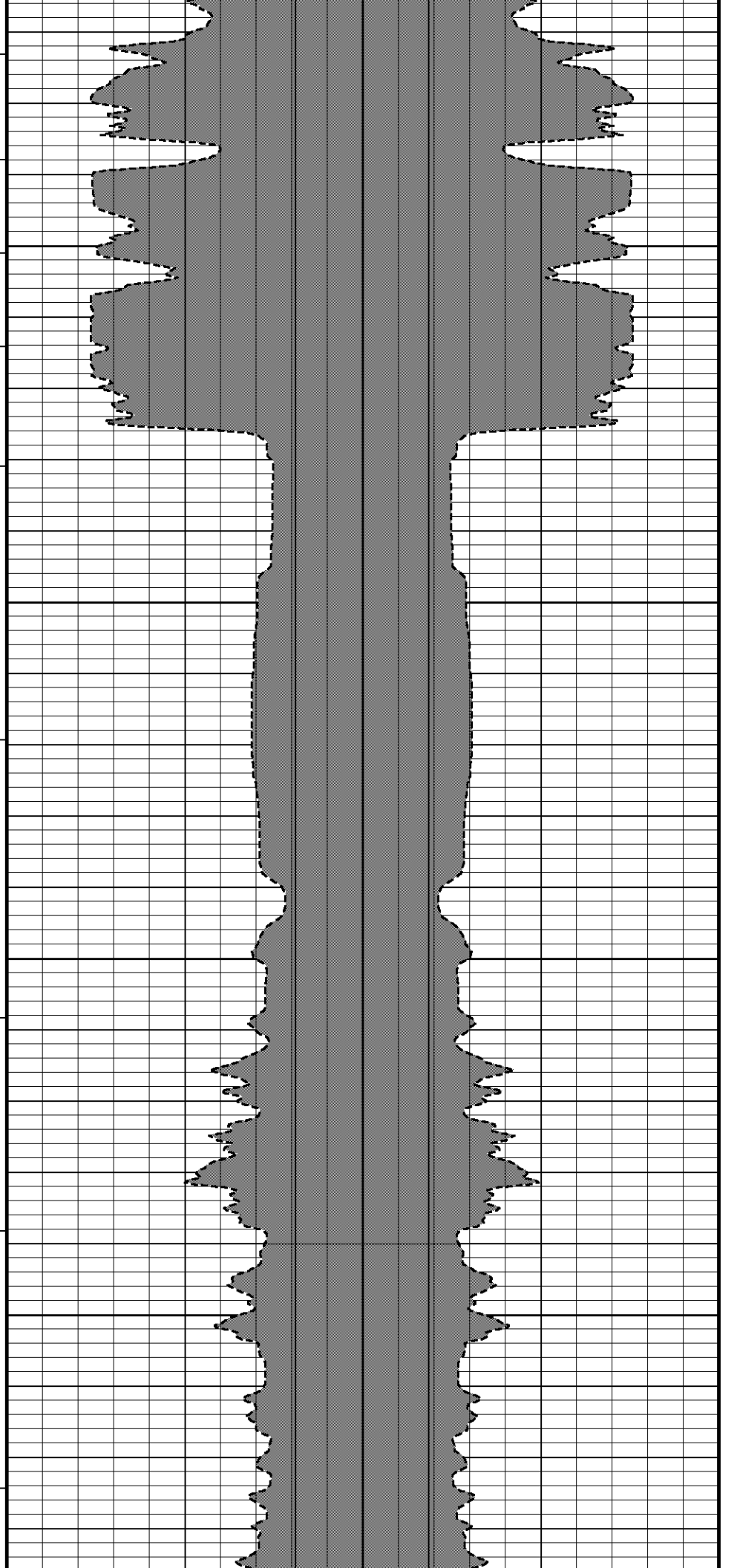
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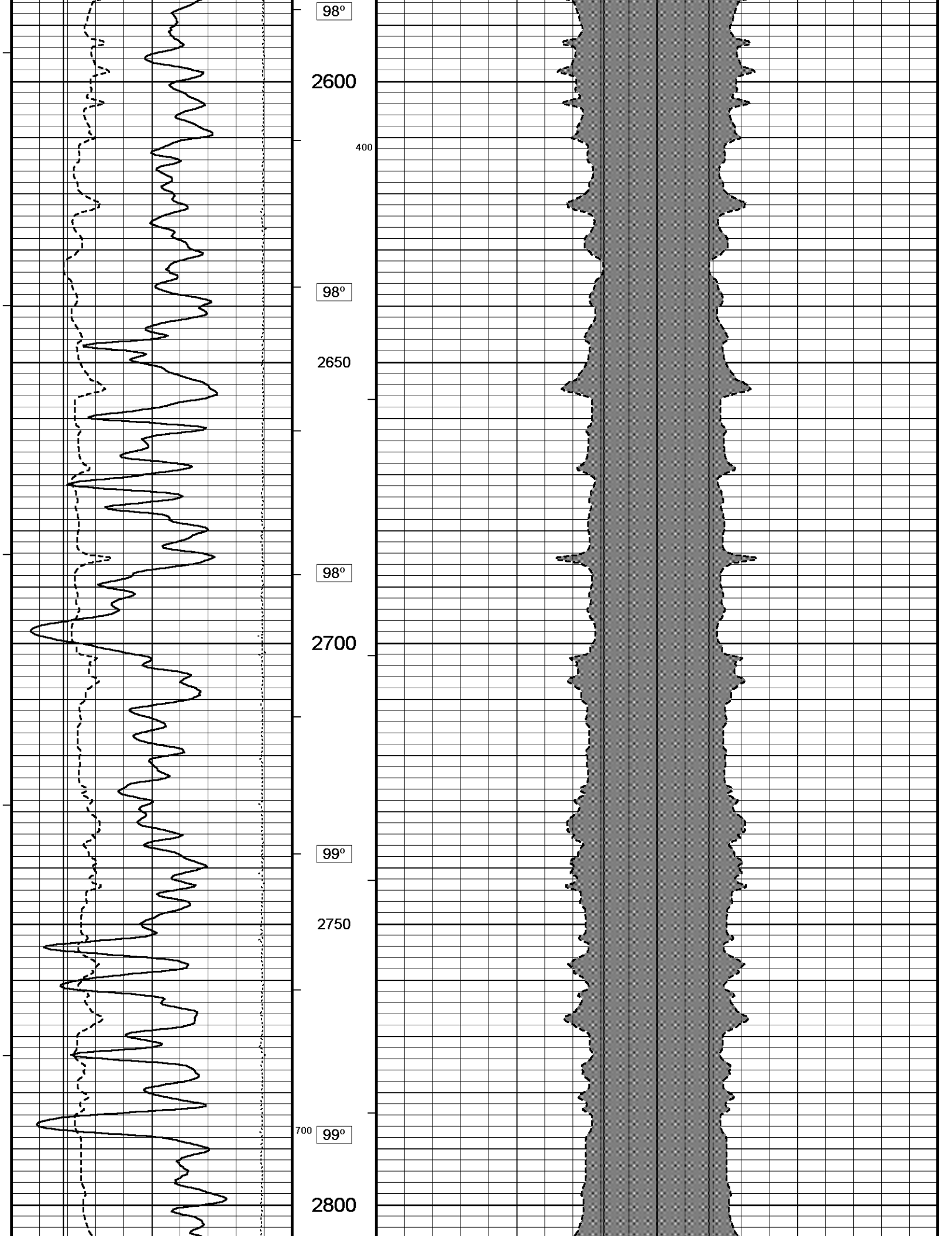
97°

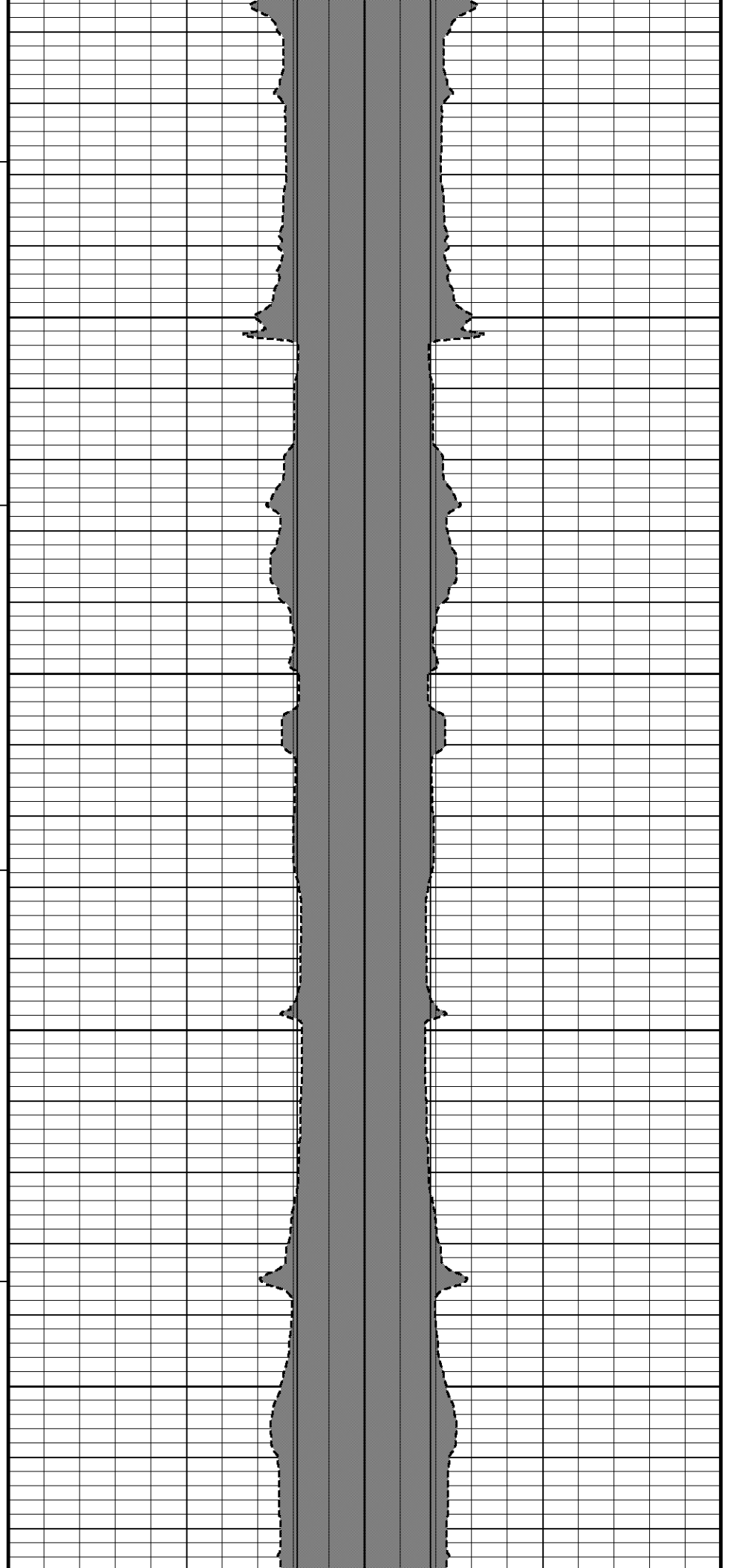
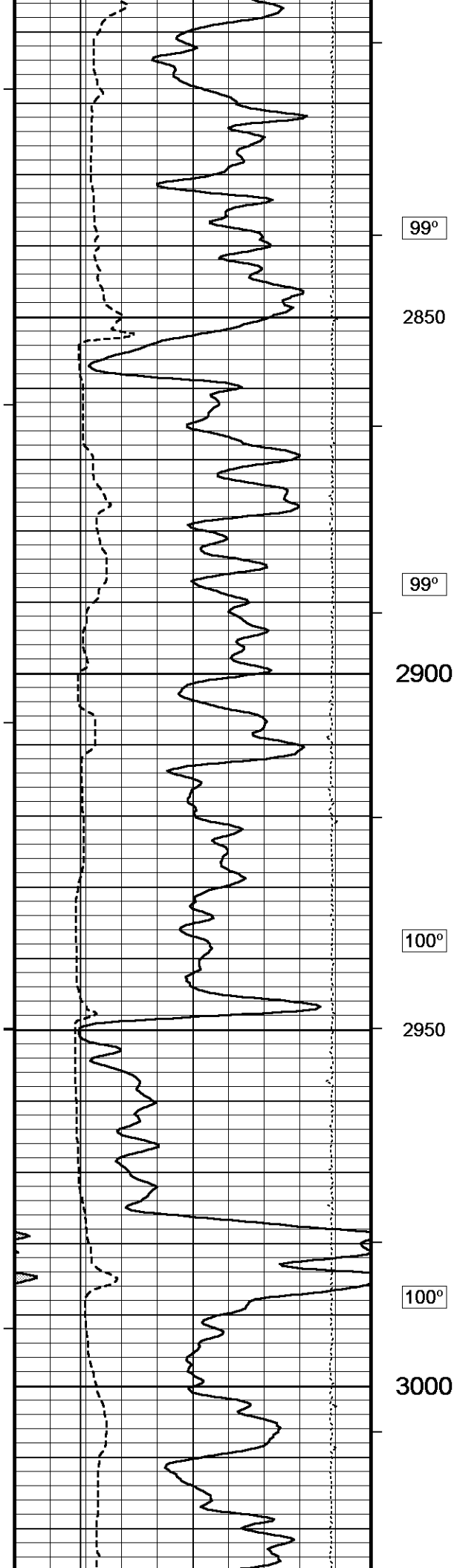
2500

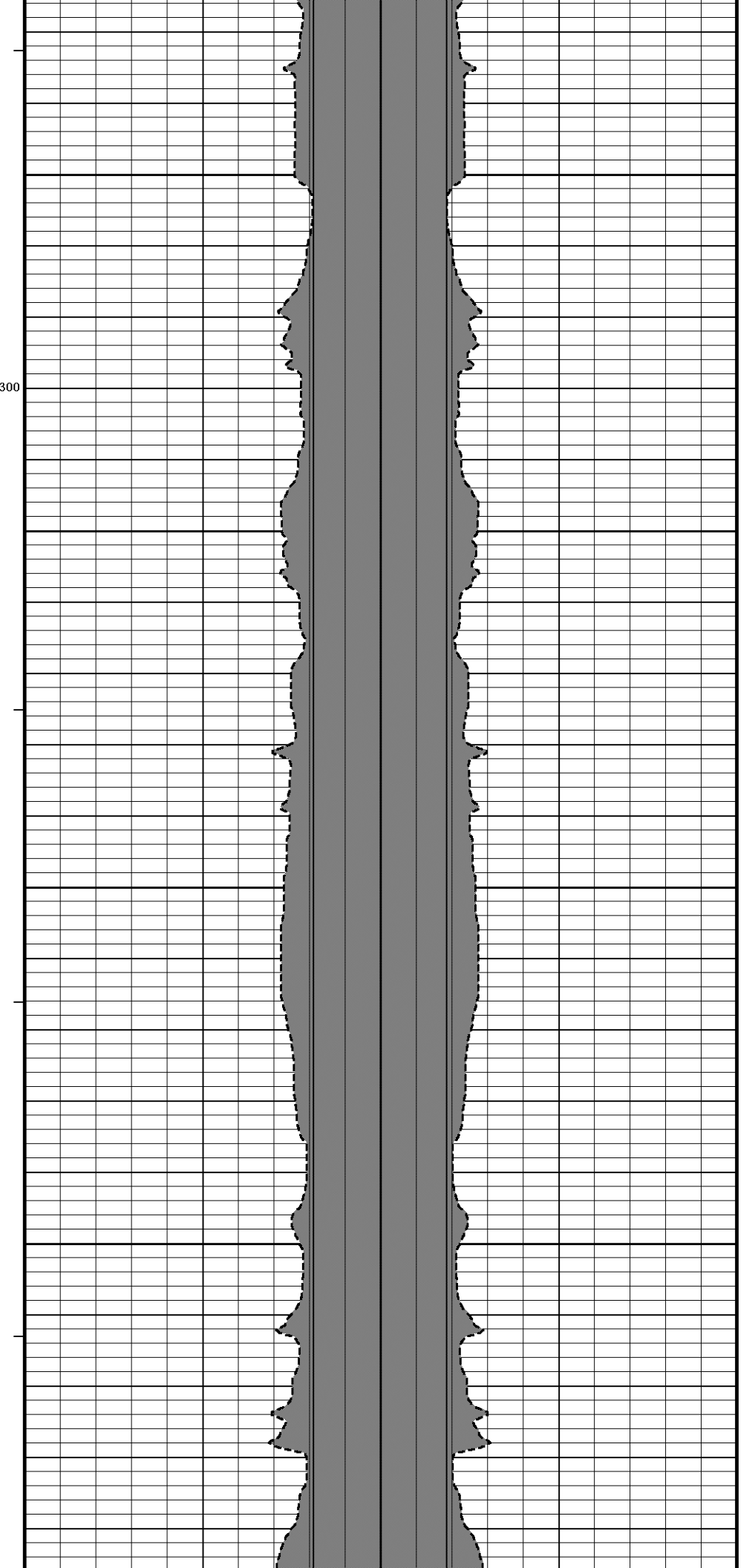
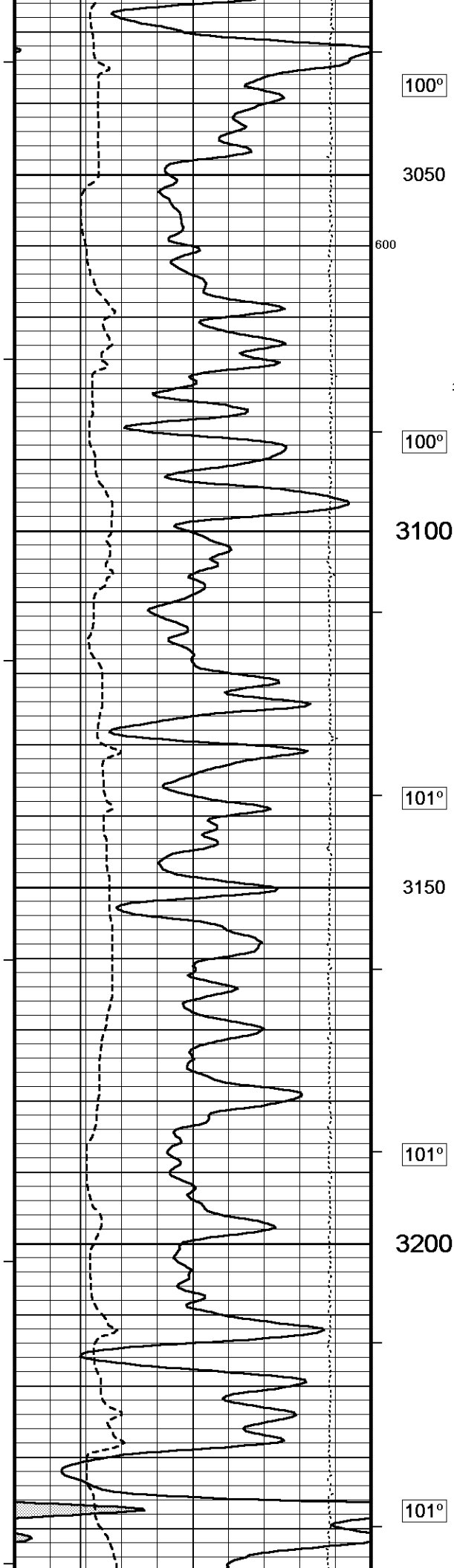
98°

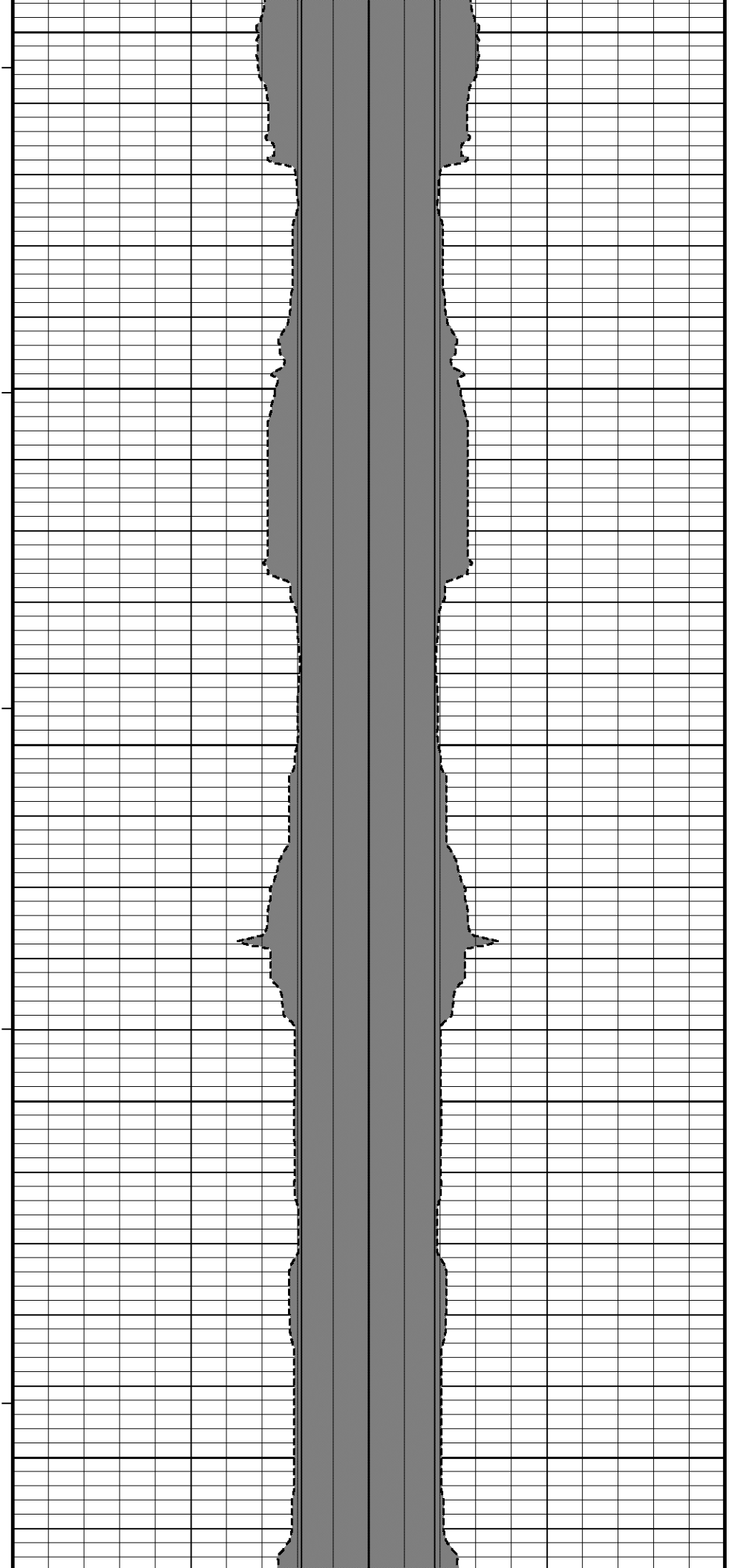
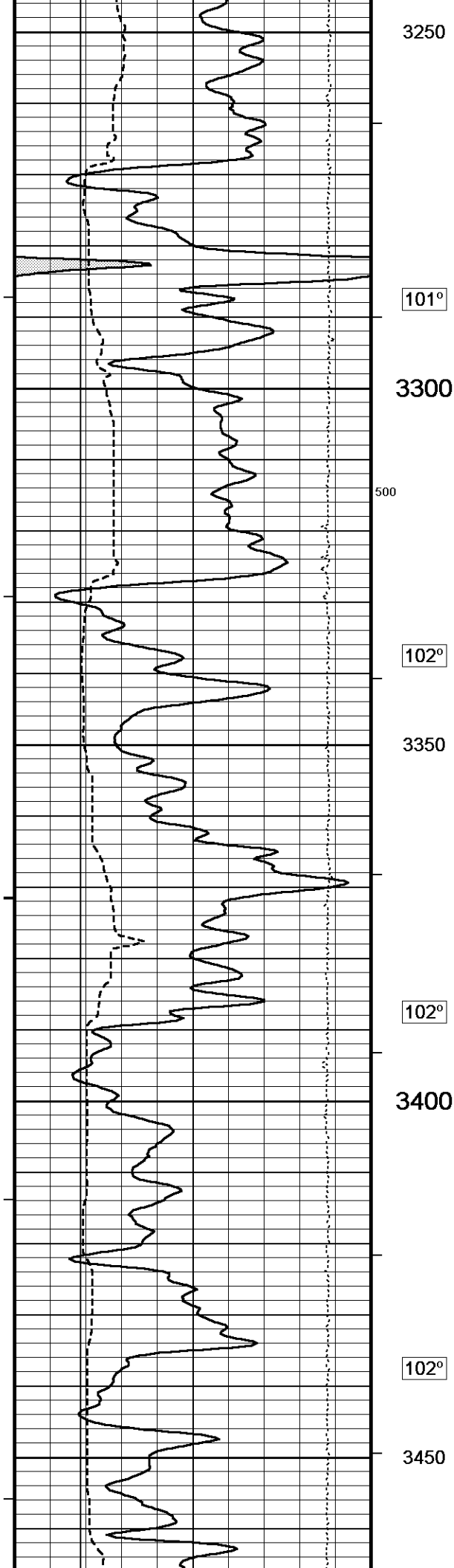
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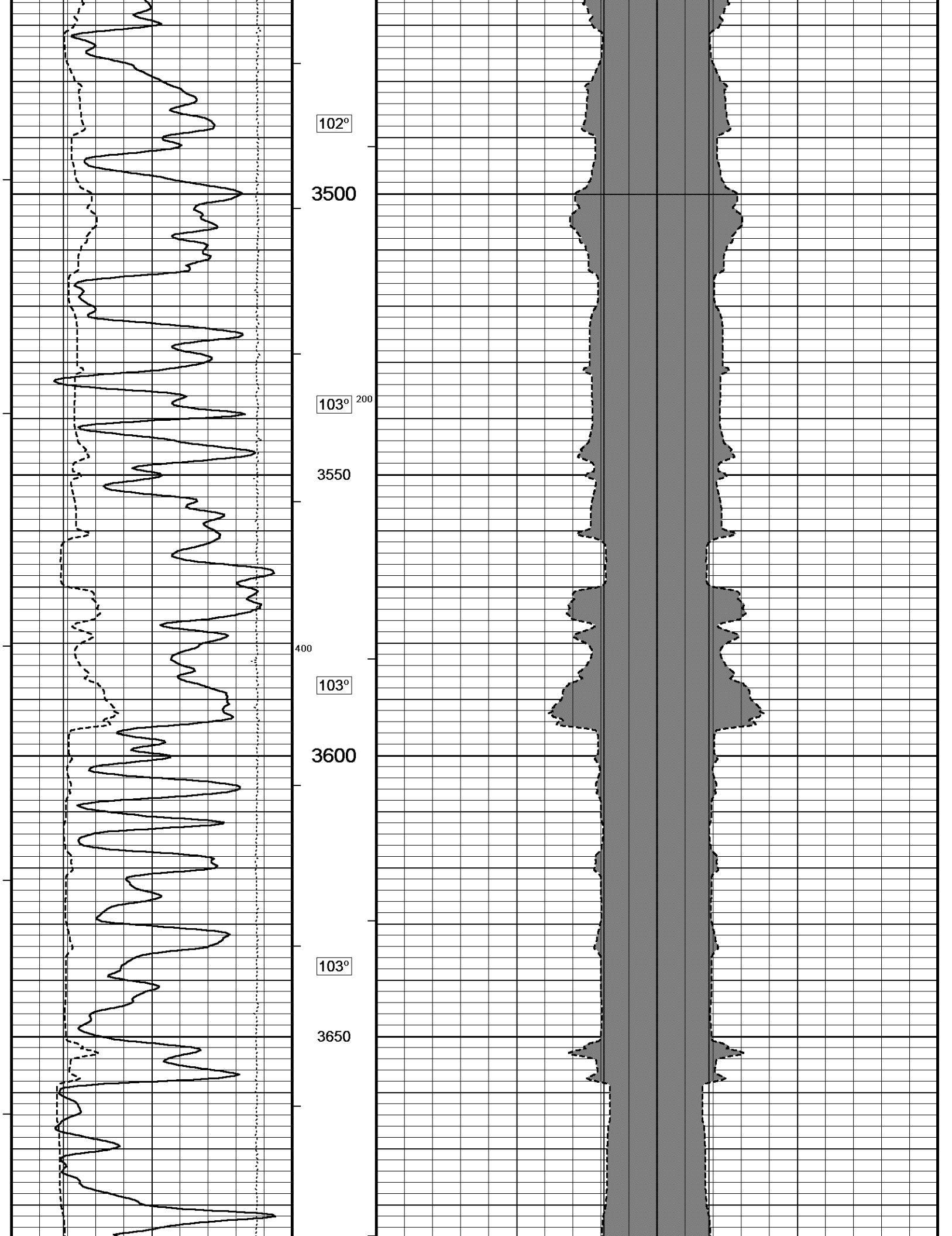


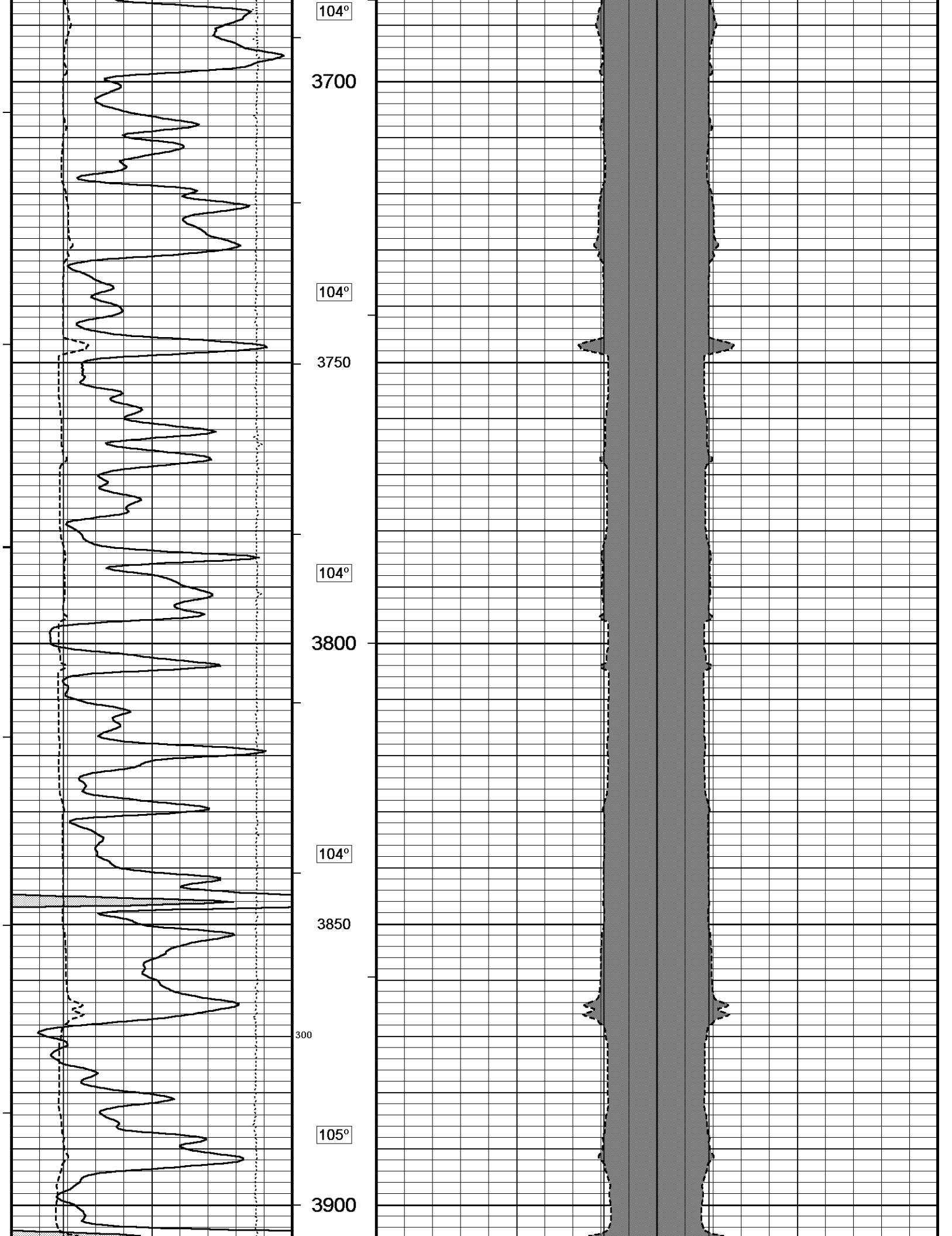


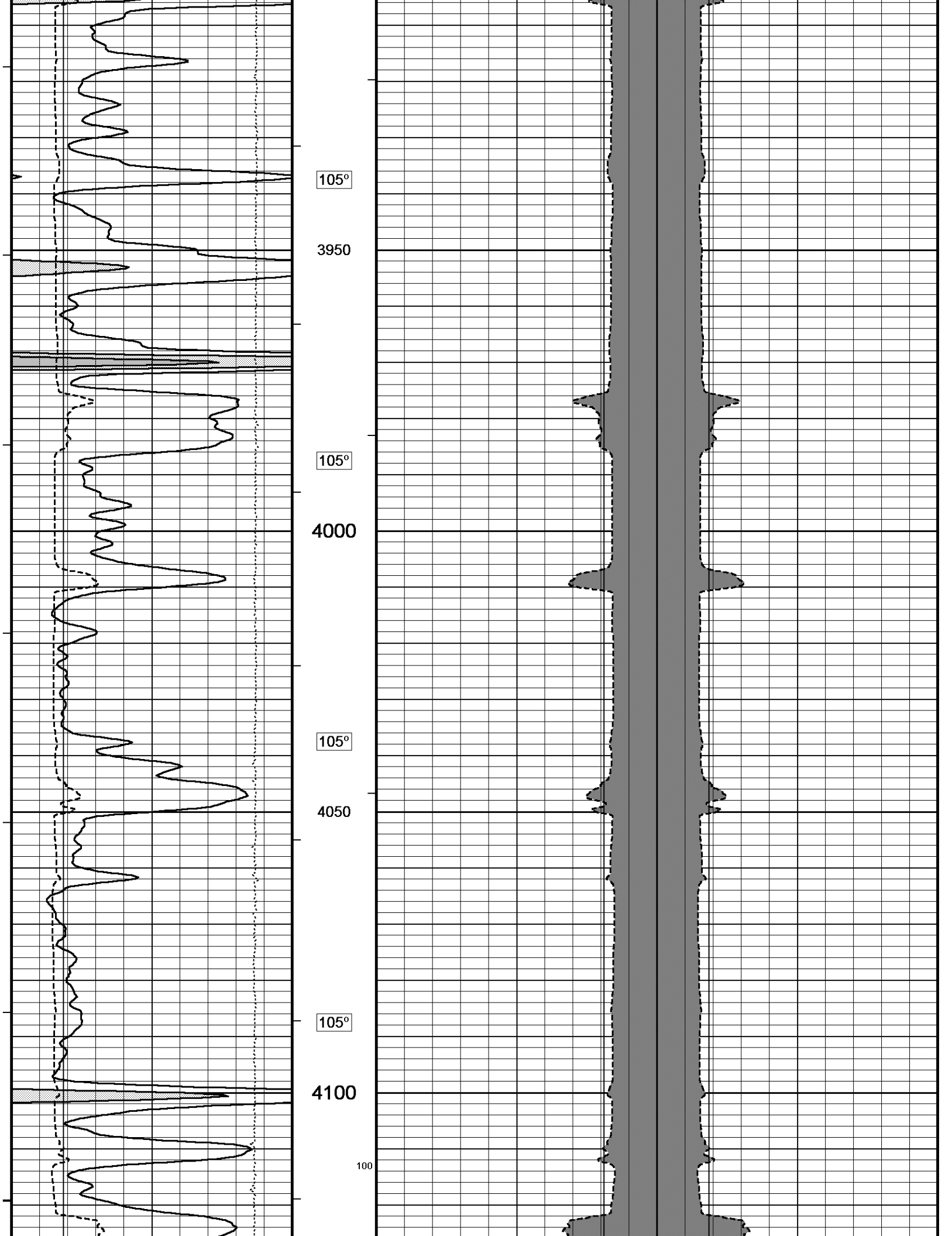


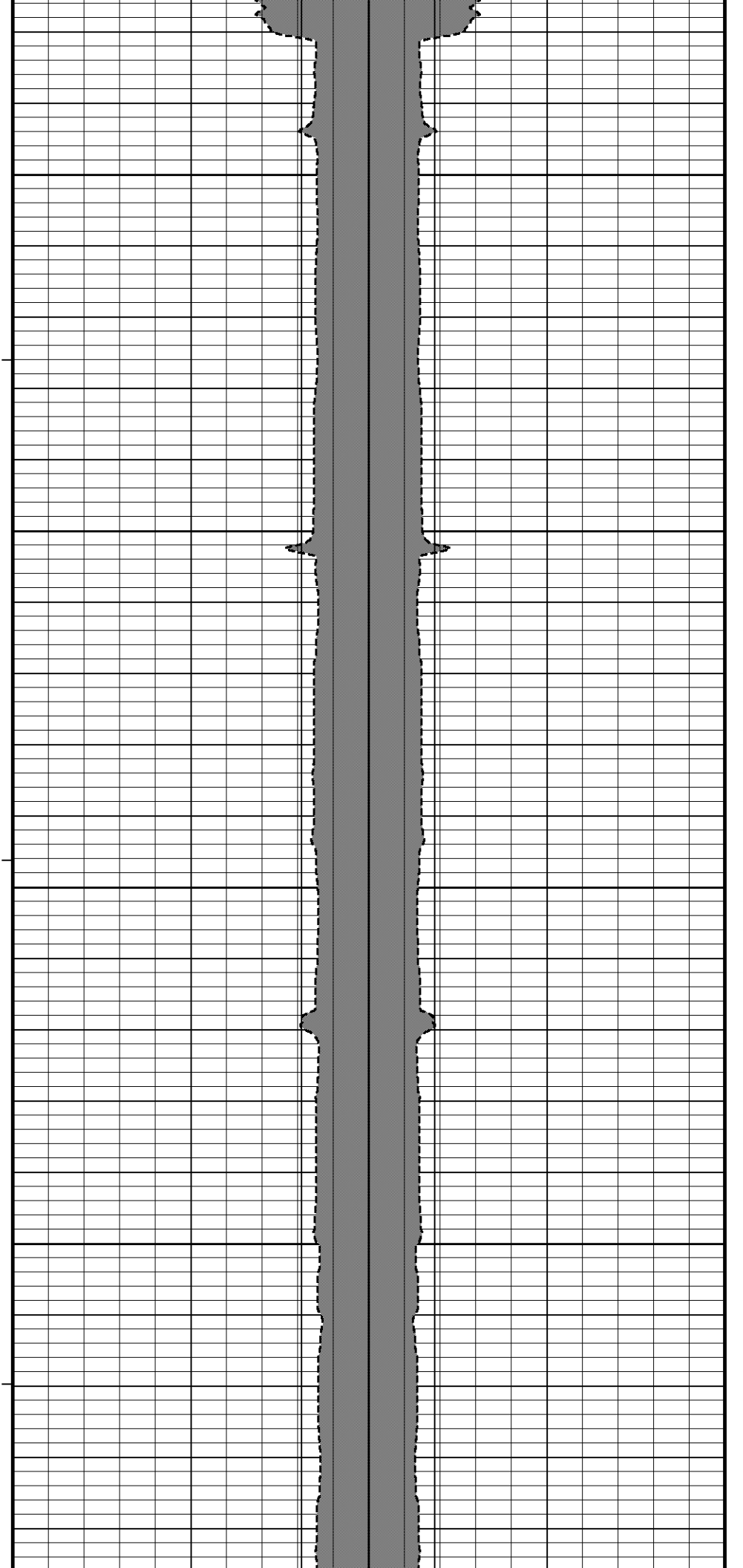
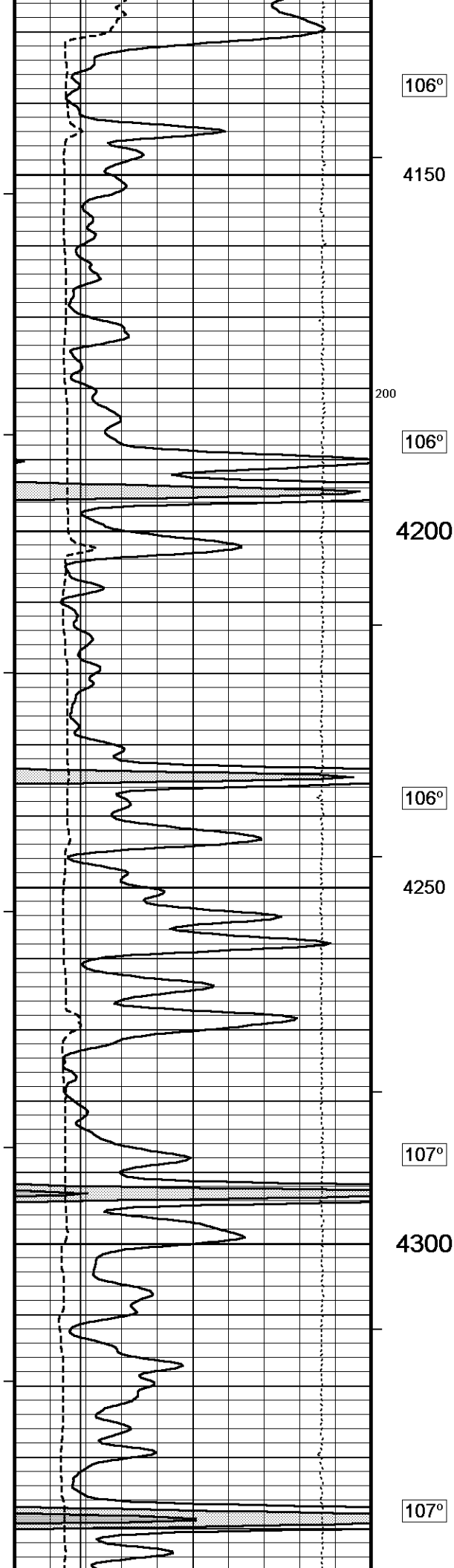


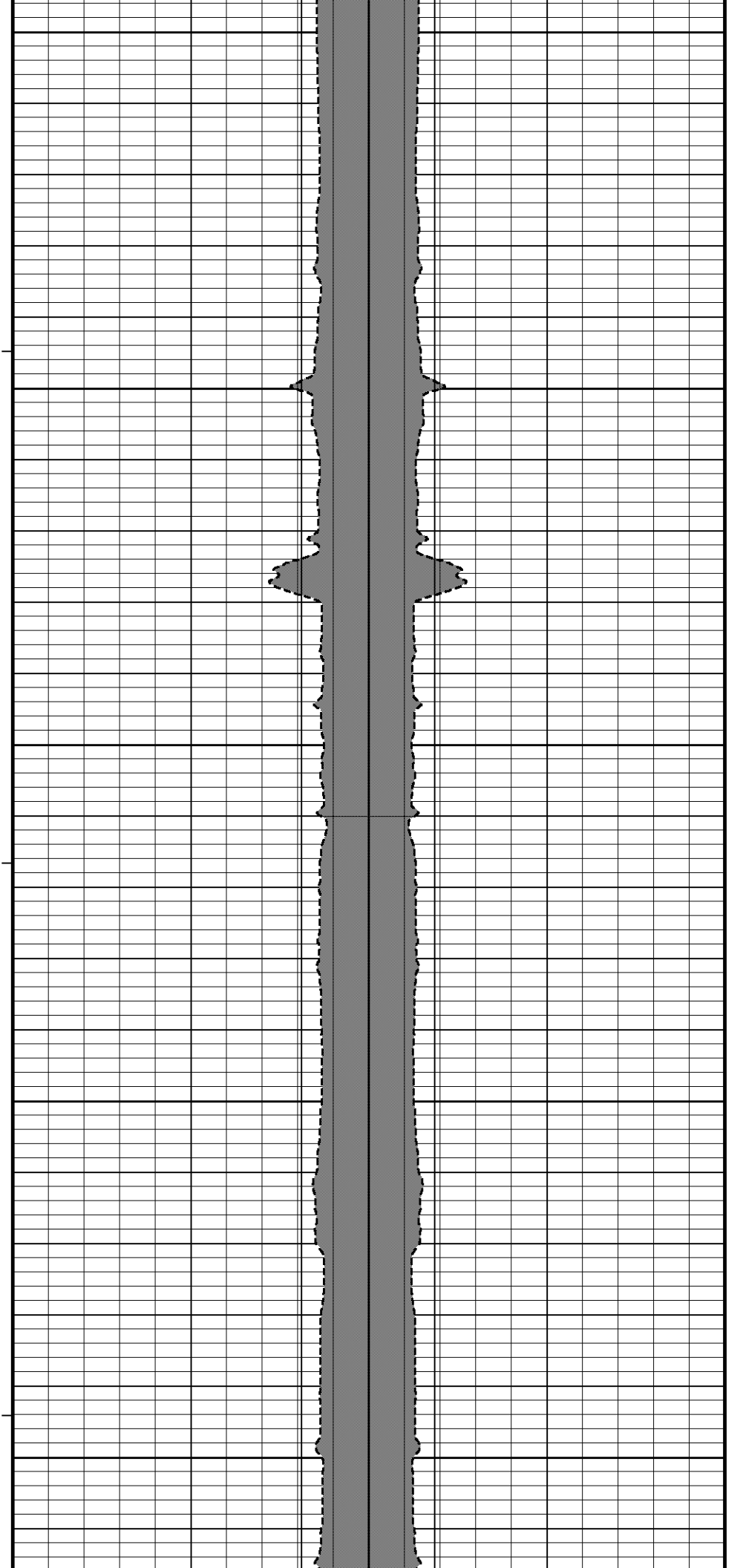
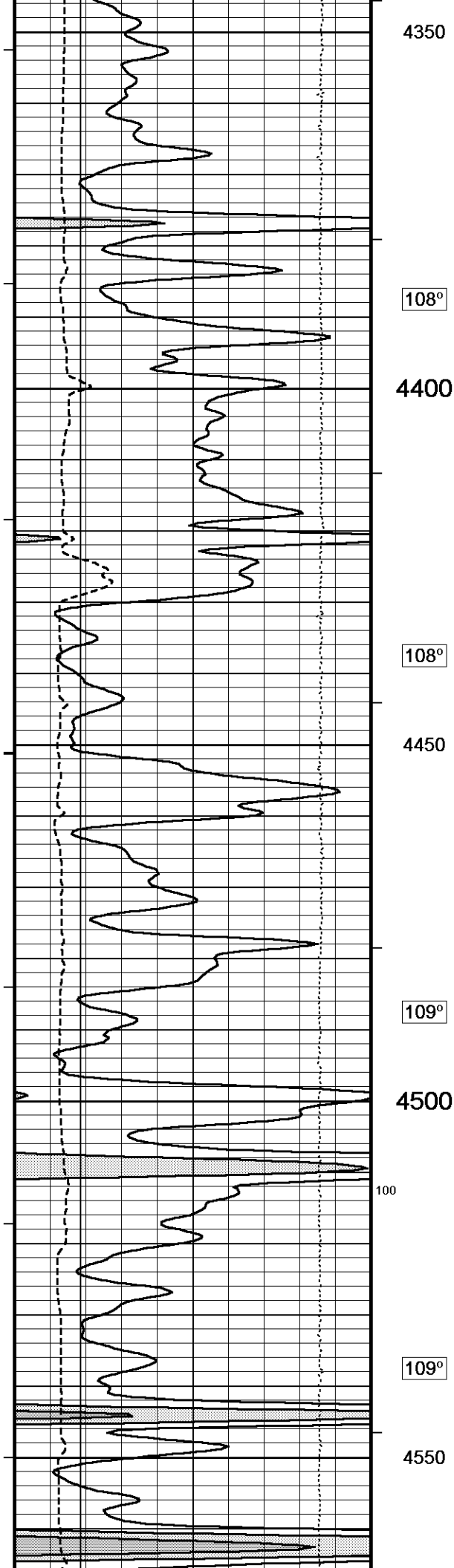


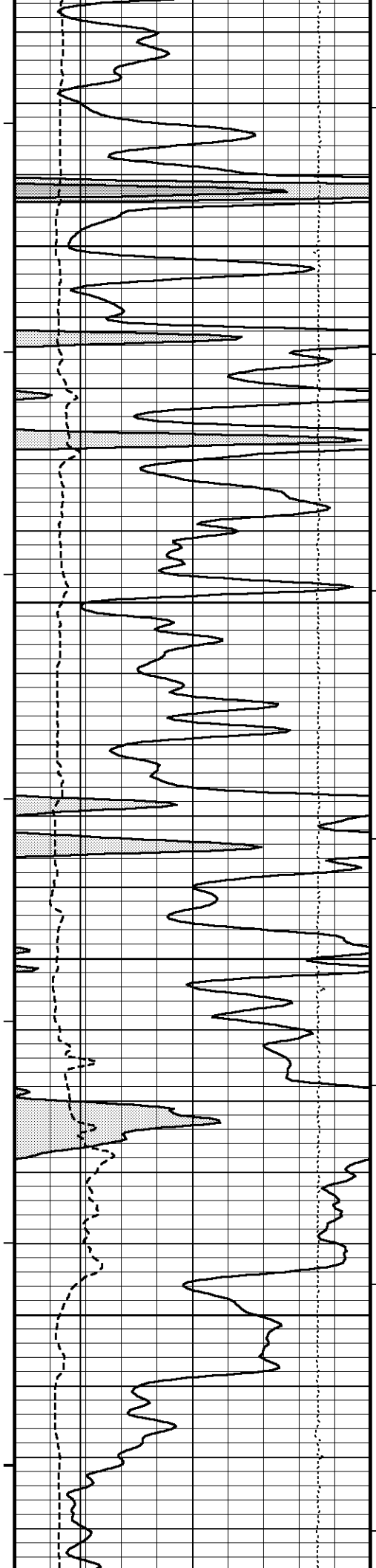












110°

4600

110°

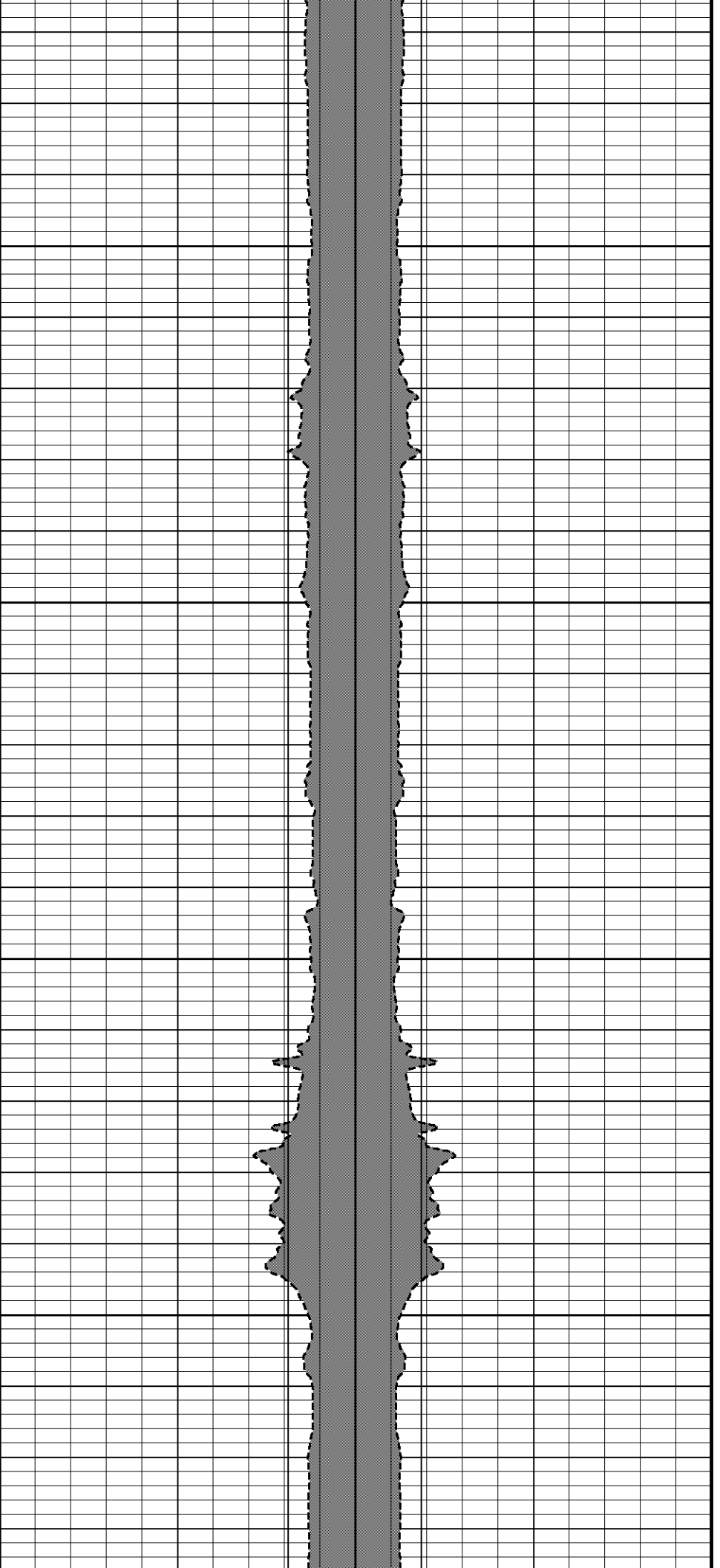
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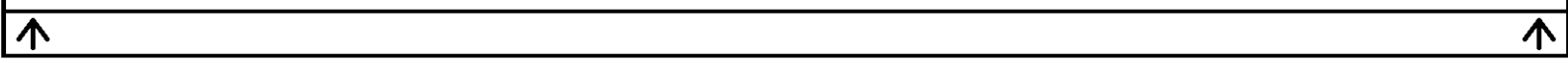
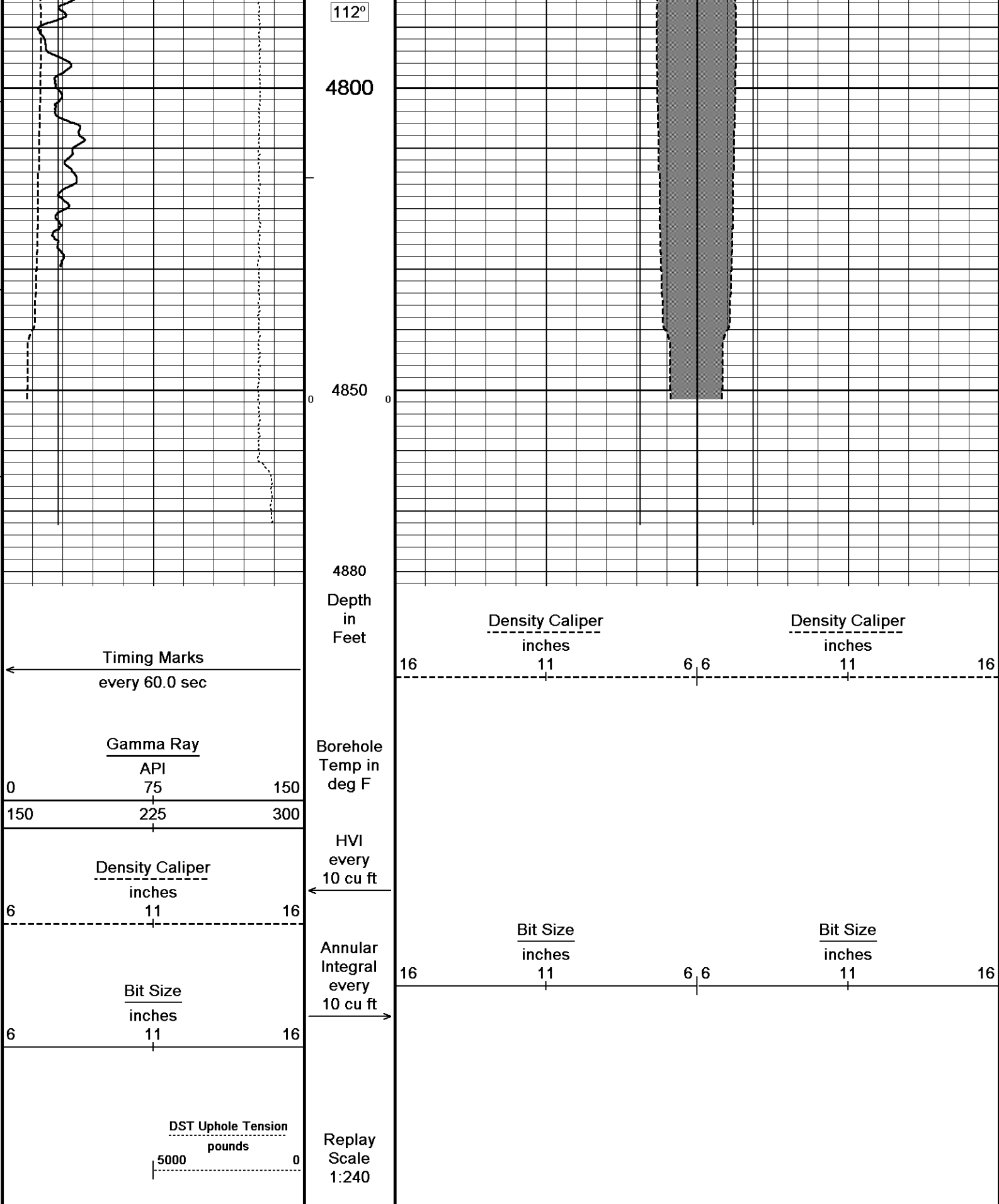
111°

4700

112°

4750





COMPANY	SHAKESPEARE OIL CO., INC.		
WELL	CARSON 2-25		
FIELD	PENCE EAST		
PROVINCE/COUNTY	SCOTT		
COUNTRY/STATE	U.S.A. / KANSAS		

Elevation Kelly Bushing	3112.00	feet	First Reading		feet
Elevation Drill Floor	3110.00	feet	Depth Driller	4860.00	feet
Elevation Ground Level	3100.00	feet	Depth Logger	4862.00	feet



Weatherford[®]

CALIPER LOG