



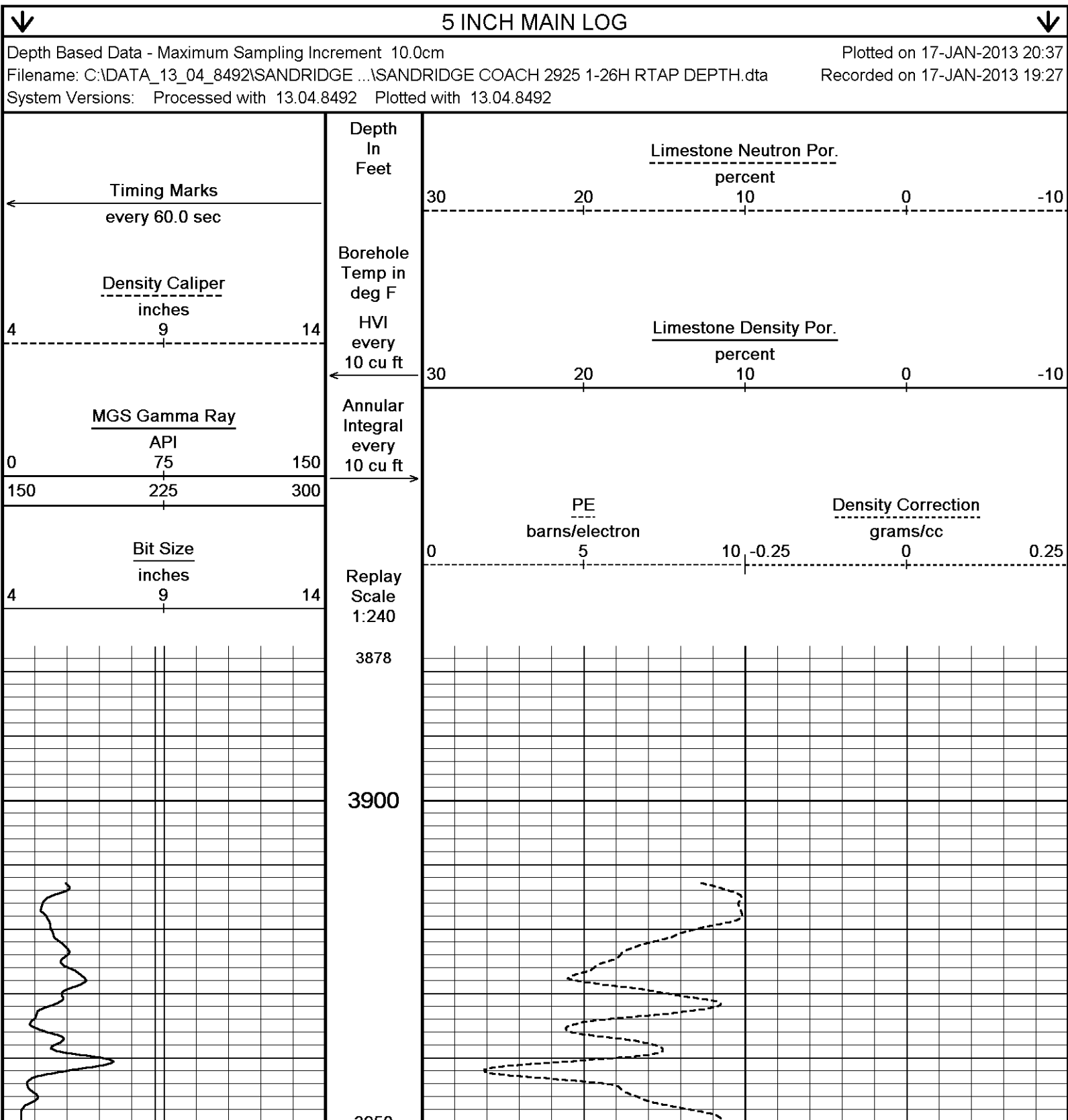
Weatherford

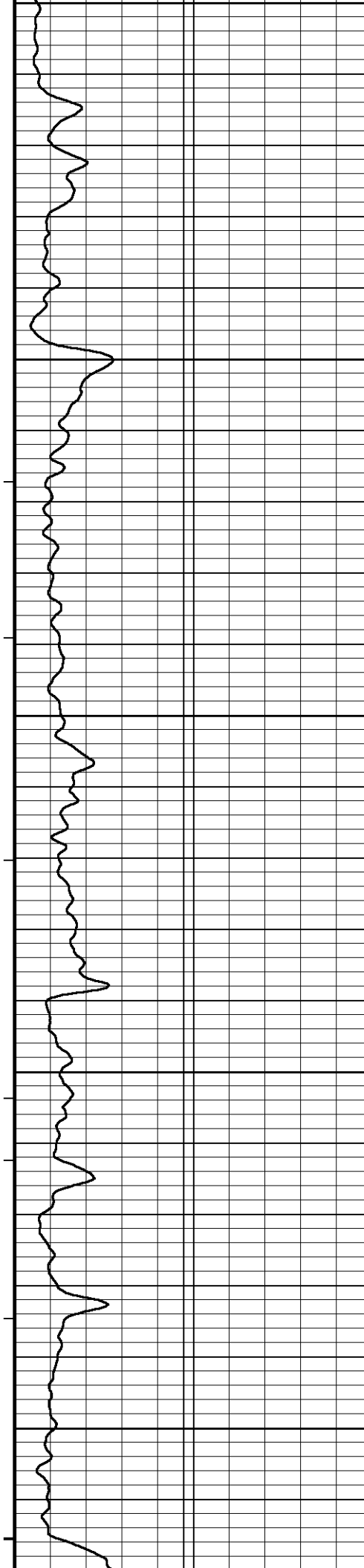
**CML MESSENGER SHUTTLE
COMPACT PHOTO DENSITY
COMPENSATED NEUTRON LOG**

COMPANY				SANDRIDGE ENERGY			
WELL				COACH 2925 1-26H			
FIELD				MINELOA			
PROVINCE/COUNTY				FORD			
COUNTRY/STATE				U.S.A. / KANSAS			
LOCATION				220' FSL & 505' FEL			
SEC	TWP	RGE	Other Services				
26	29S	25W	MAI				
API Number	15-057-20866		MDNMMPD				
Permit Number			CMI				
Permanent Datum G.L., Elevation 2588 feet					Elevations:		
Log Measured From KB					KB 2608.00		
Drilling Measured From K.B. @ 20 FEET					DF 2608.00		
					GL 2588.00		
Date	16-JAN-2013						
Run Number	ONE						
Service Order	3539529						
Depth Driller	9790.00		feet				
Depth Logger	9790.00		feet				
First Reading	9709.00		feet				
Last Reading	4000.00		feet				
Casing Driller	5849.00		feet				
Casing Logger	5849.00		inches				
Bit Size	6.125						
Hole Fluid Type	WBM		lb/USg				
Density / Viscosity	8.60	lb/USg	30.00	CP			
PH / Fluid Loss	9.00		9.00				
Sample Source	FLOWLINE						
Rm @ Measured Temp	0.86 @ 62.0		ohm-m				
Rmf @ Measured Temp	0.69 @ 62.0		ohm-m				
Rmc @ Measured Temp	1.03 @ 62.0		ohm-m				
Source Rmf / Rmc	CALC		CALC				
Rm @ BHT	0.41 @ 131.0		ohm-m				
Time Since Circulation	1 HOUR						
Max Recorded Temp	131.00		deg F				
Equipment / Base	18077		OKC				
Recorded By	STEVEN TOTTEY						
Witnessed By	JARRET BORELL						
APE	DC 12518						

BOREHOLE RECORD			Last Edited: 16-JAN-2013 20:01
Bit Size inches	Depth From feet	Depth To feet	
8.750	0.00	5849.00	
6.125	5849.00	9790.00	
CASING RECORD			
Type	Size inches	Depth From feet	Shoe Depth feet
INTER	7.000	0.00	5849.00
		Weight pounds/ft	
		23.00	

REMARKS
LOGGED WITH WLS 13.04.8492
LOGGED USING MESSENGER SHUTTLE METHOD OF DEPLOYMENT
TOOLS RAN: SRT-69,,200V MBS-114,MMSE133,MTI-076, MGS-142,MCL-063,SKJ-472,SHA-438,MIS-608, MDN-391, MPD-394,MIS-607, SHA-167, SKJ-479,MISB-595,MIM 228, MIE-209,MISB-337, MAI-170 RAN IN COMBINATION
HARDWARE: MAI: MIS-B 0.5" STANDOFF USED ABOVE MAI, ISA STAND-OFF RAN BELOW MAI
MFE: MIS-B 0.5" STANDOFF USED ABOVE MFE
MDN: MIS-A DOUBLE BOWSPRING USED ABOVE MDN.
MPD: 4INCH PROFILE PLATE USED, MIS-A SINGLE BOWSPRING USED BELOW MPD
2.71 G/CC DENSITY MATRIX USED TO CALCULATE POROSITY
ALL INTERVALS LOGGED AND SCALED PER CUSTOMER'S REQUEST
DRILL PIPE DEPTH DURING DEPLOYMENT: 9667





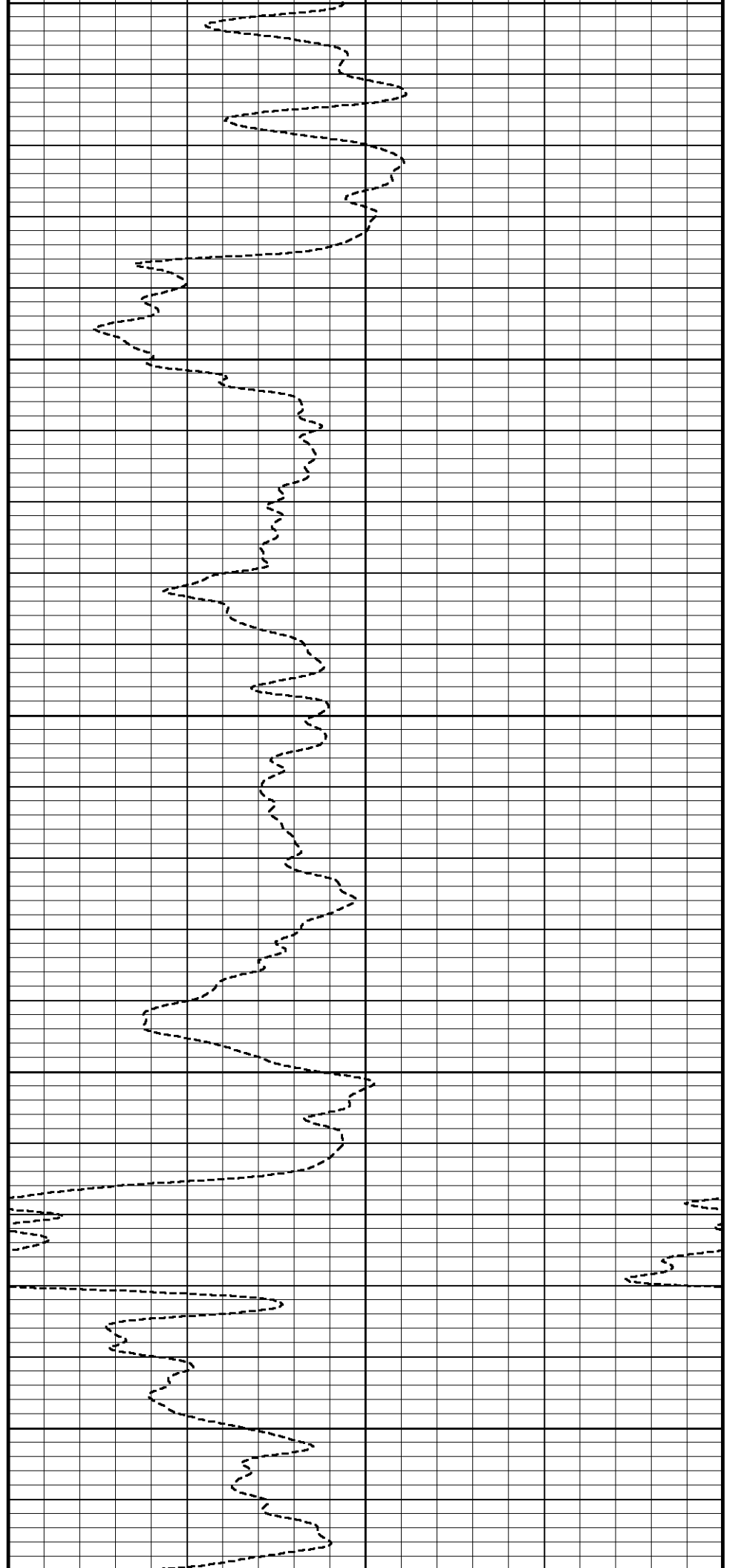
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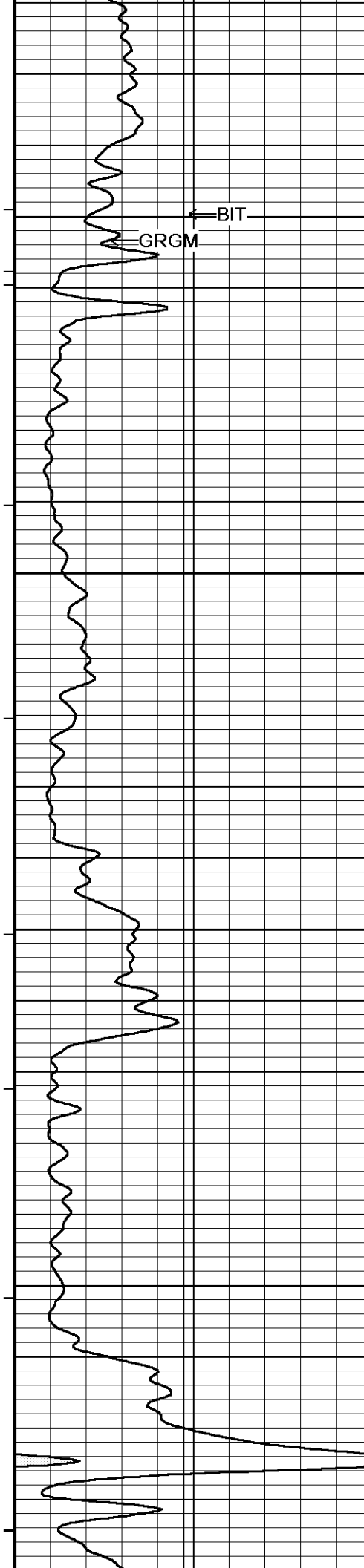
4000

4050

4100

4150



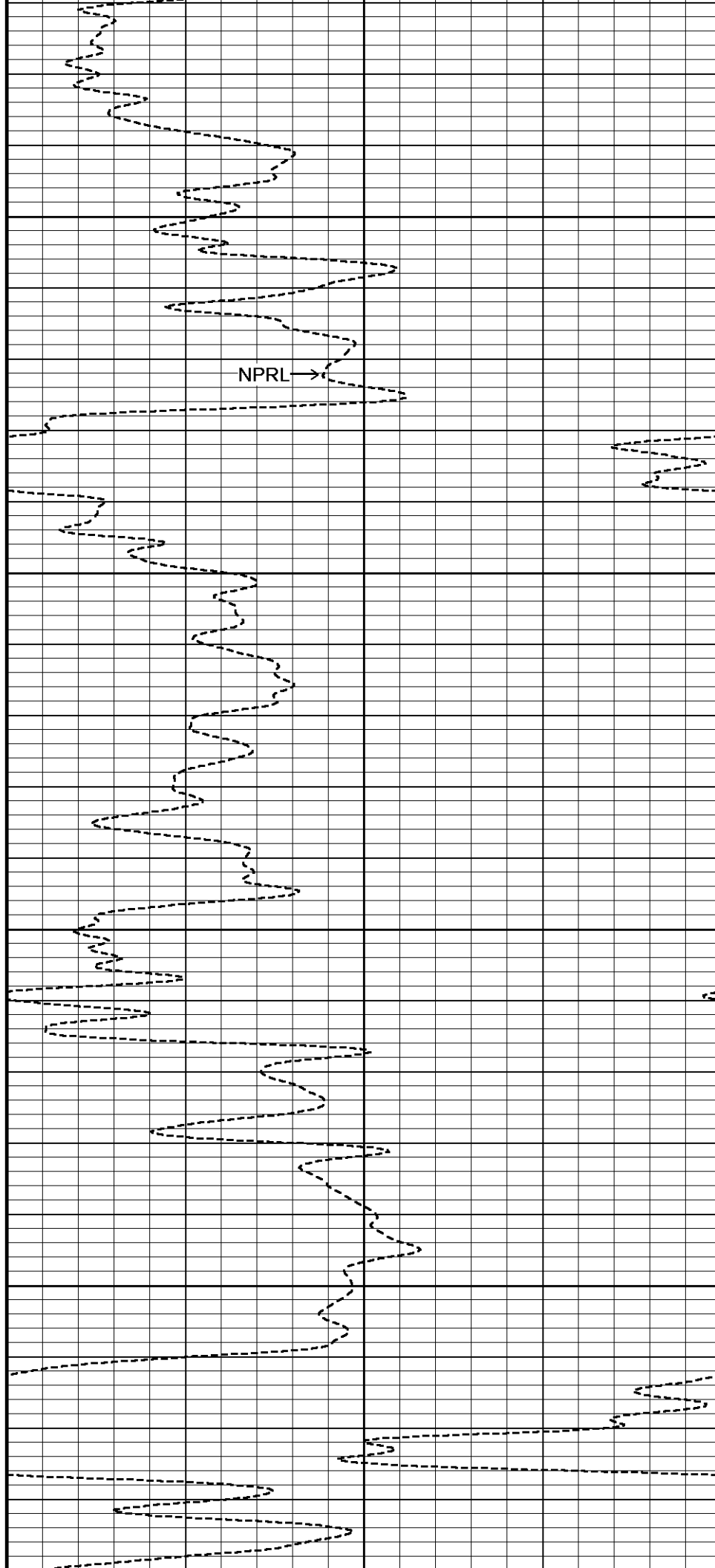


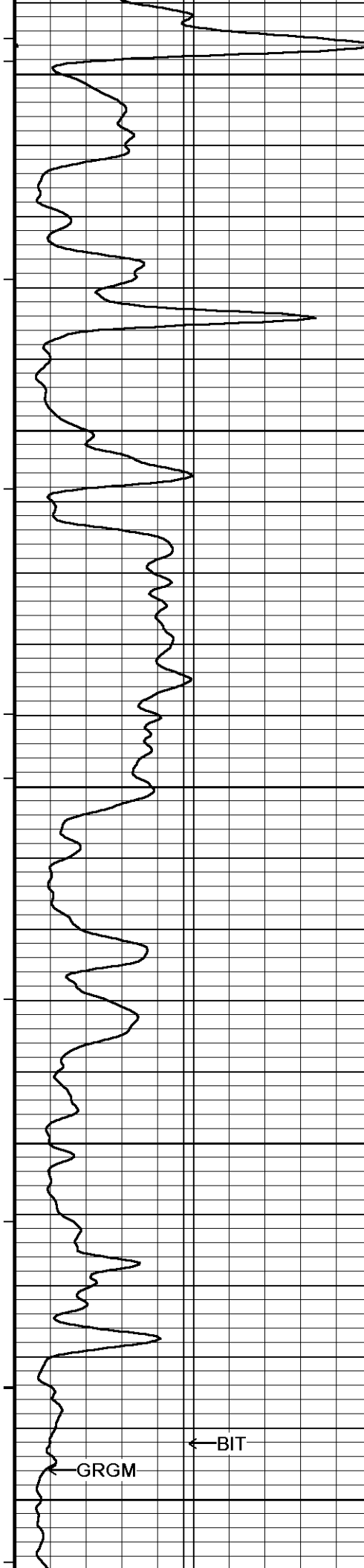
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4250

4300

4350





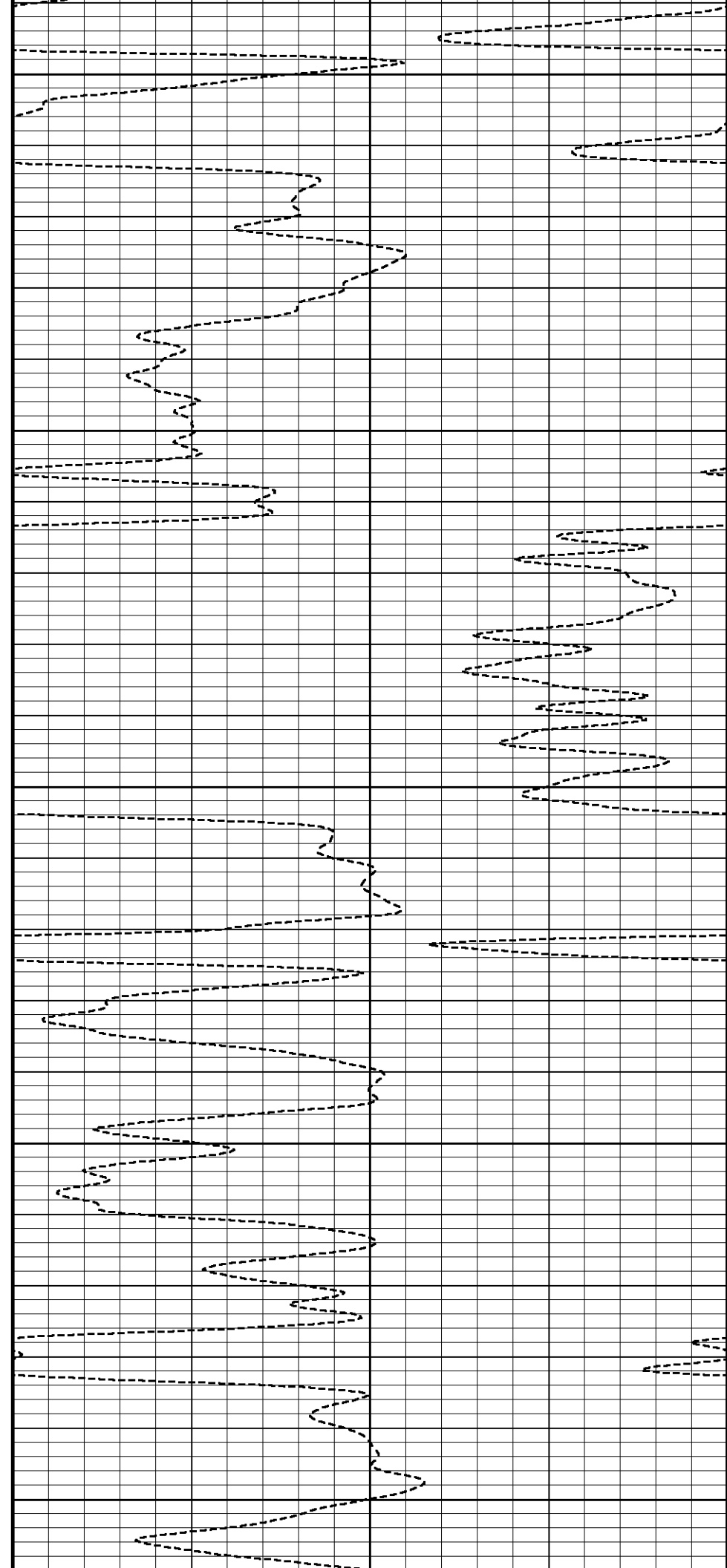
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4500

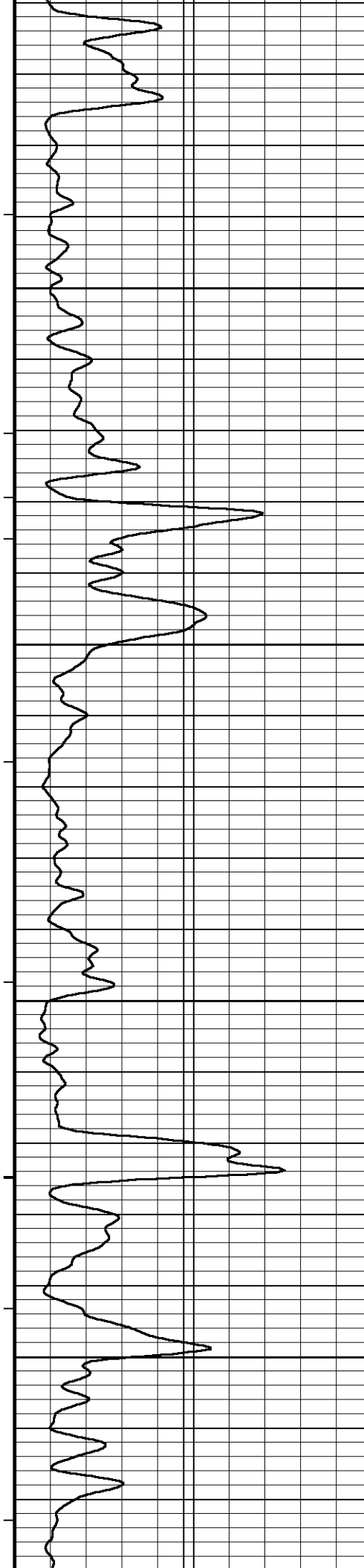
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4600



GRGM

← BIT

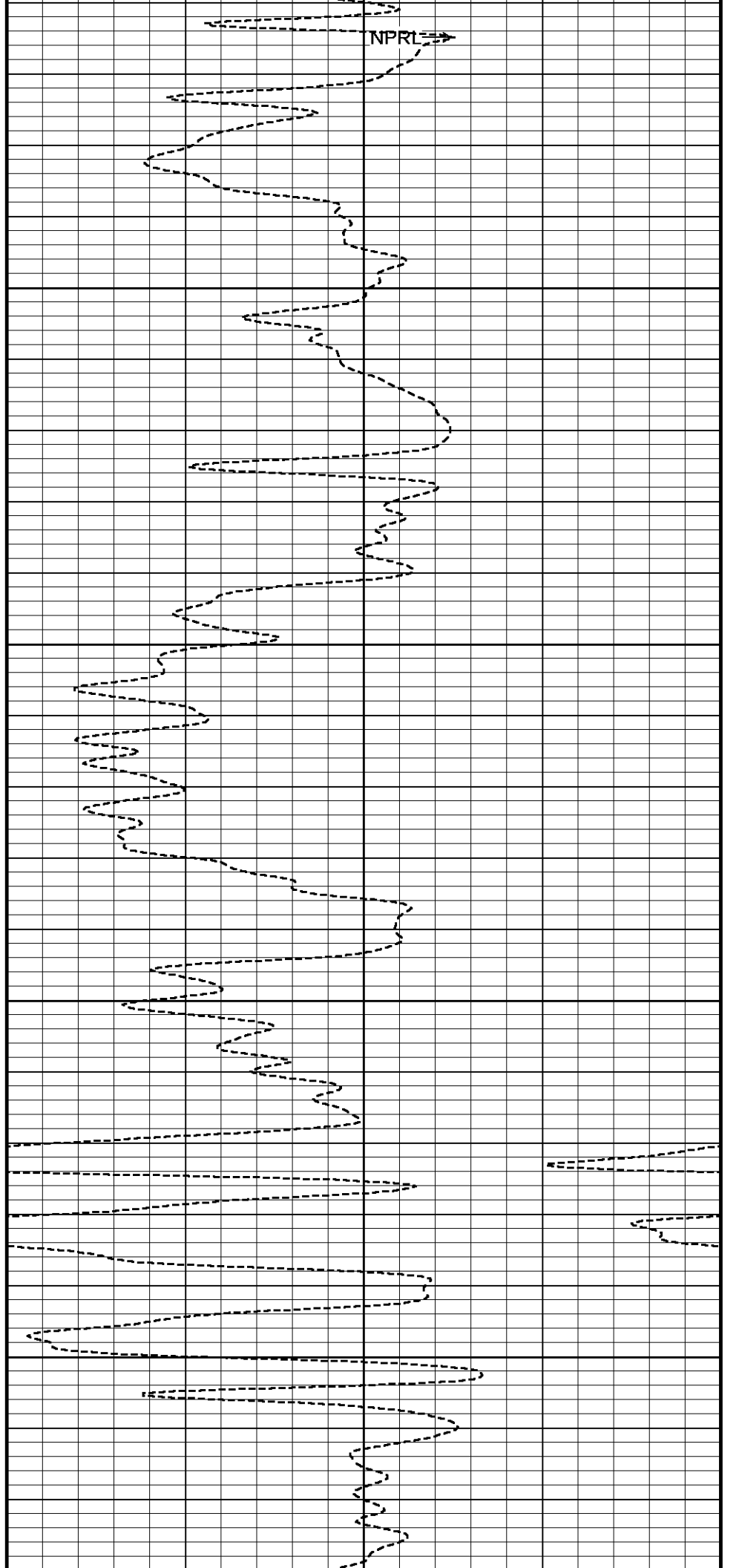


4650

4700

4750

4800





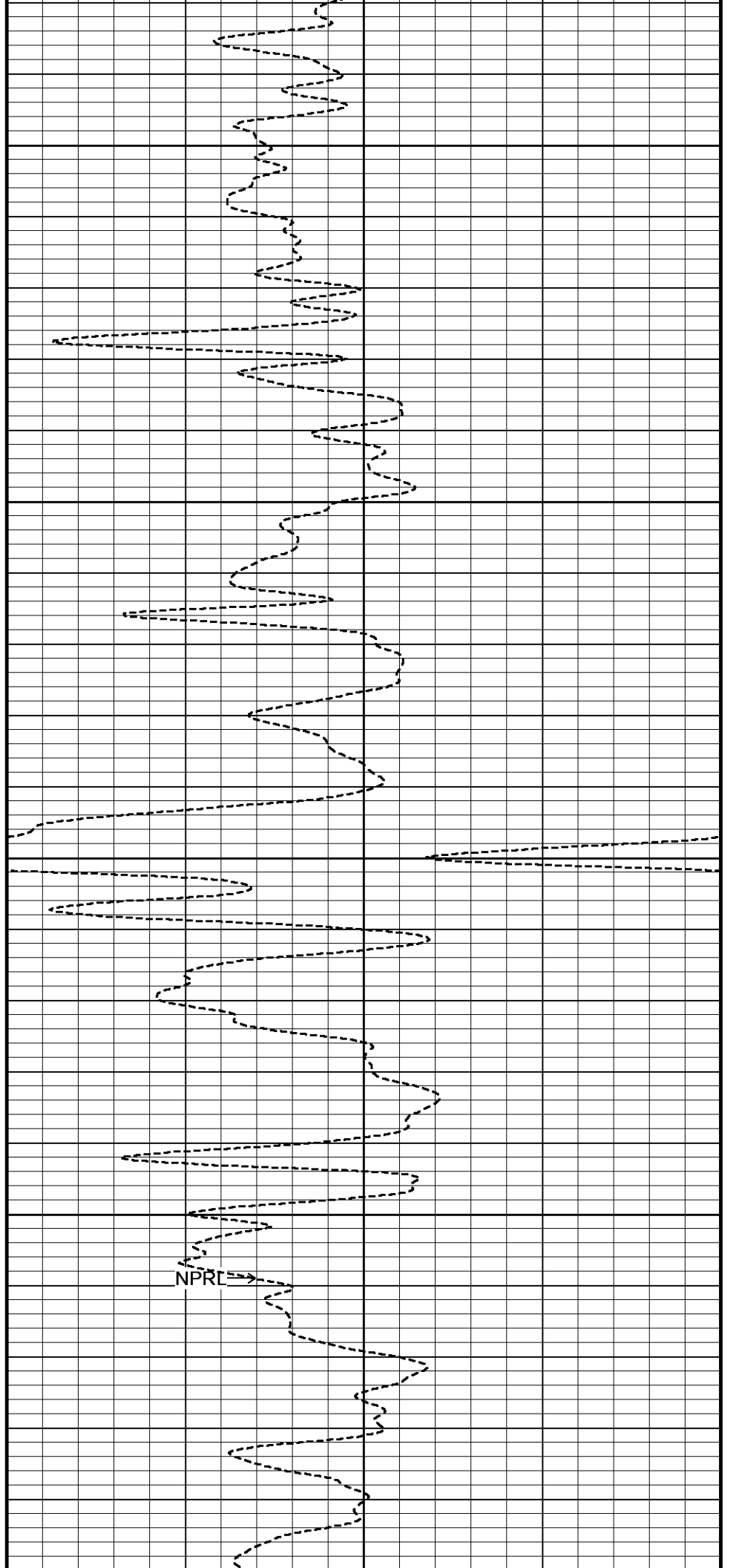
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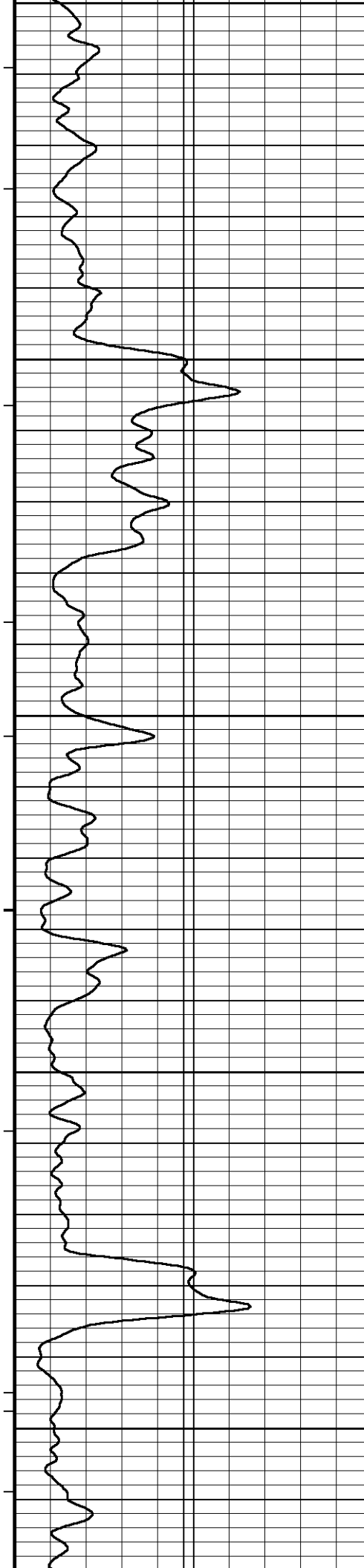
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5000

5050



NPRL



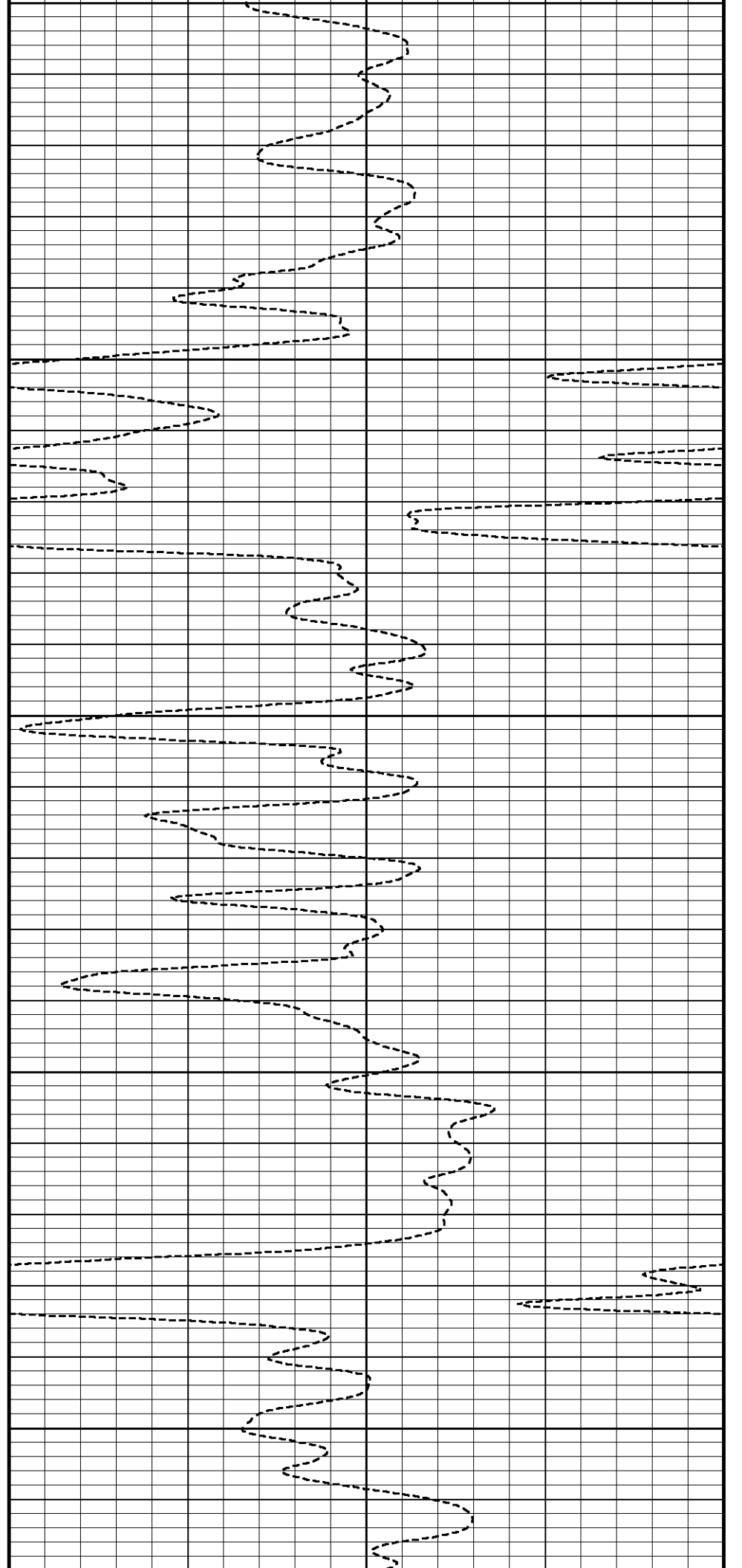
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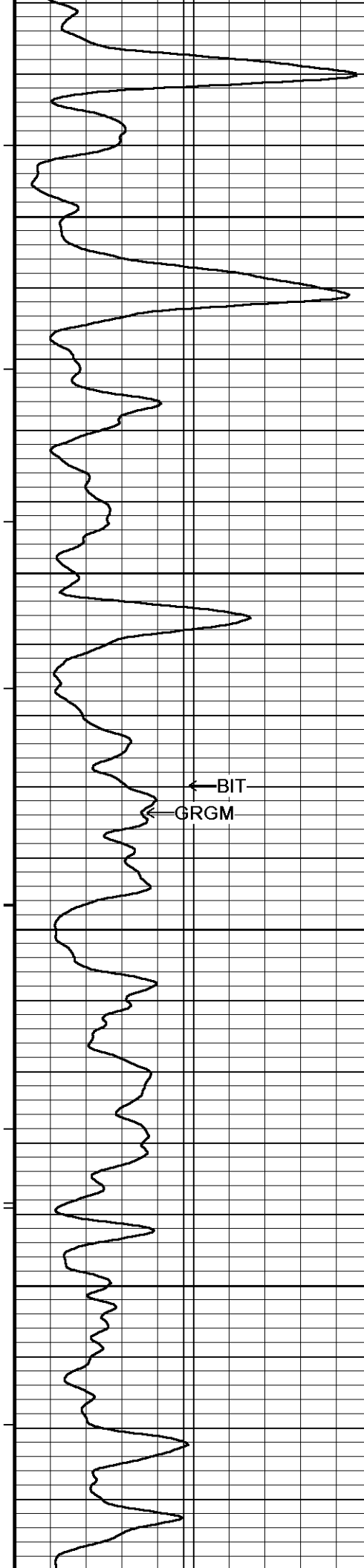
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5150

5200

5250





5300

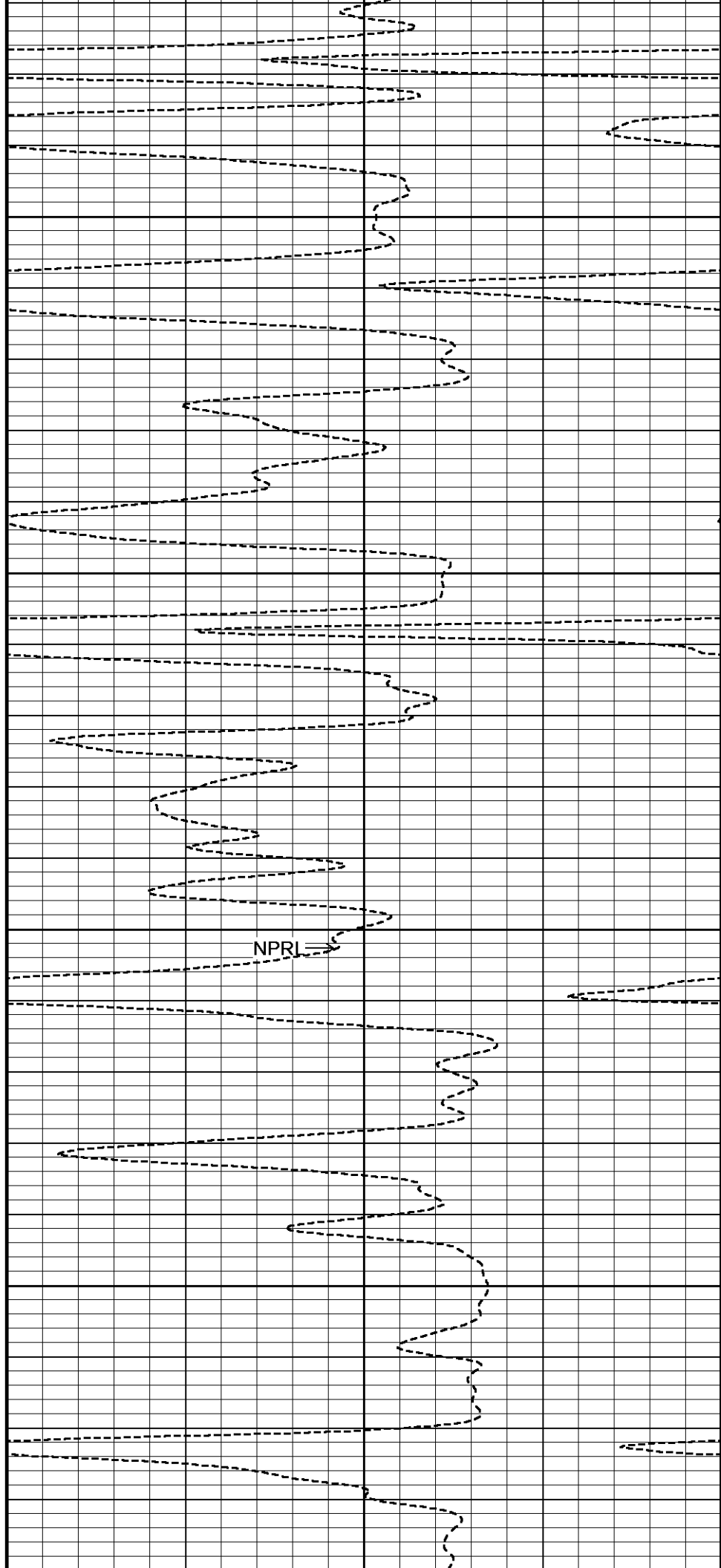
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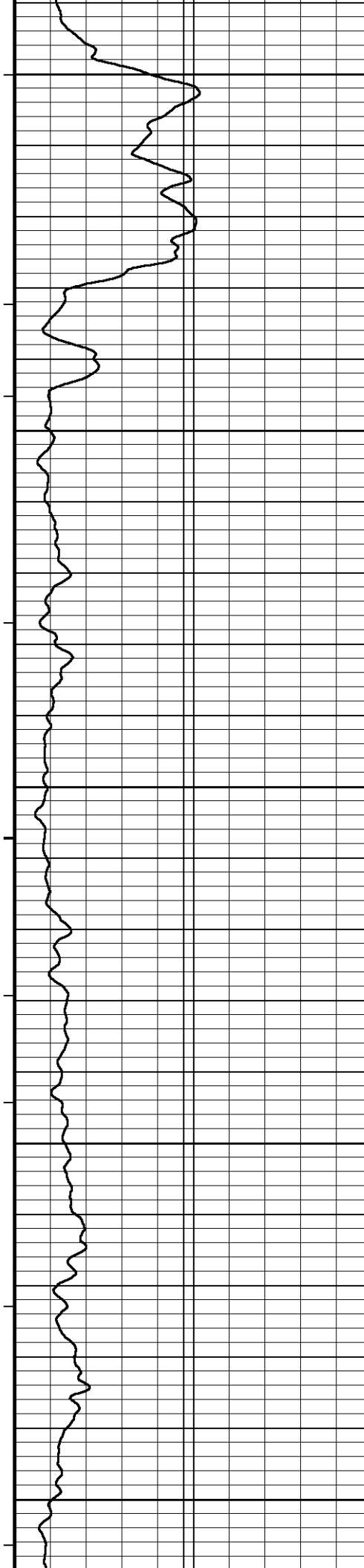
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5450

← BIT
← GRGM

NPRI →





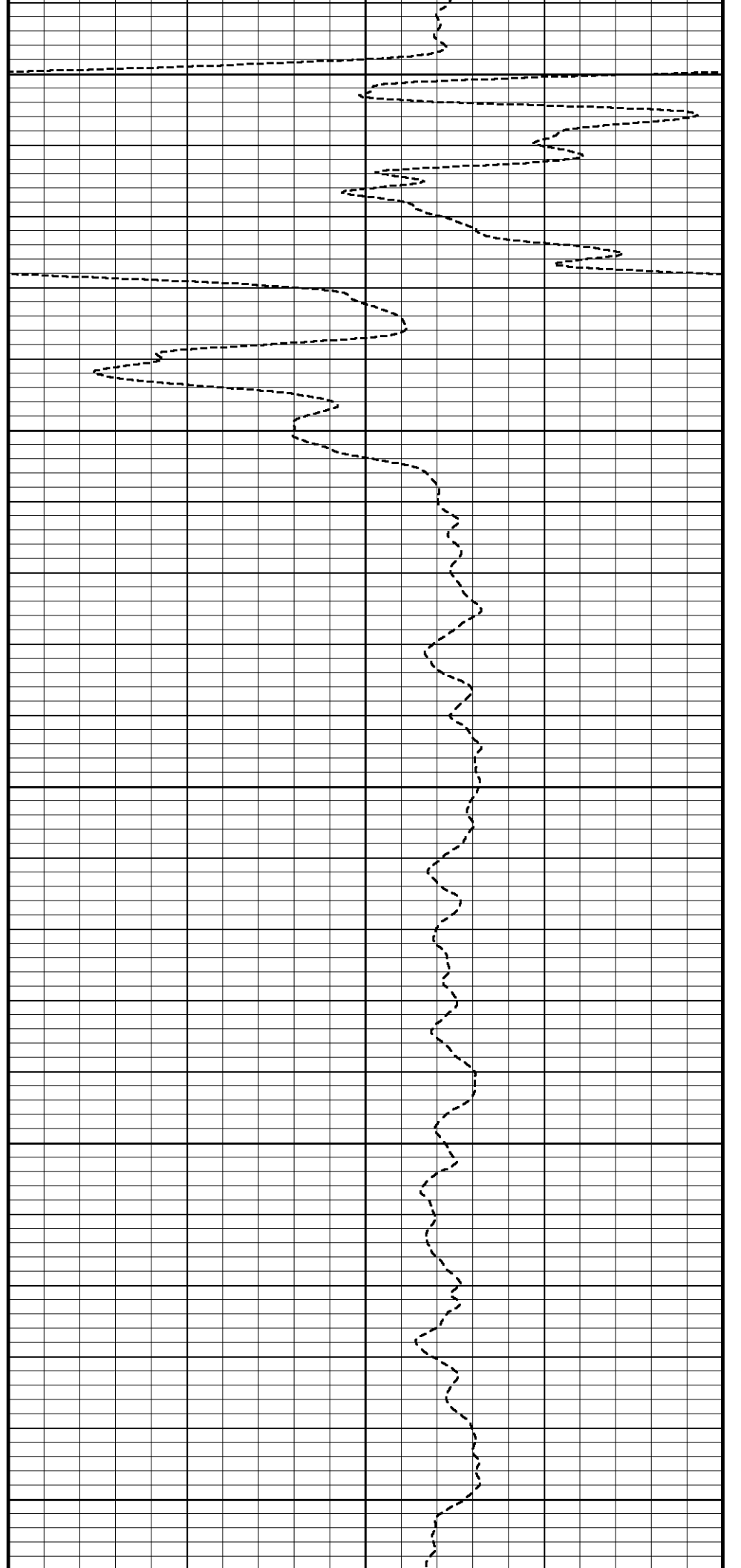
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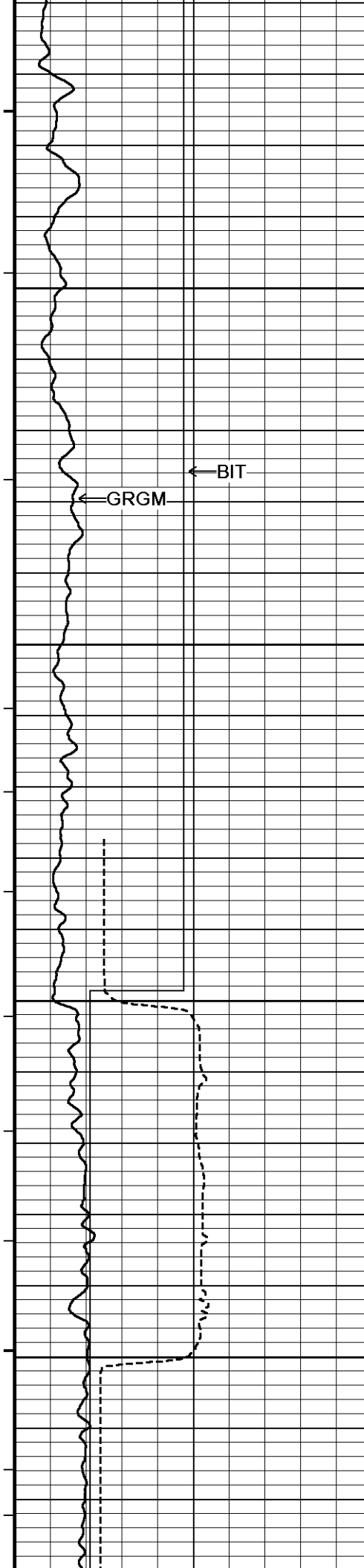
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5600

5650

5700





5750

5800

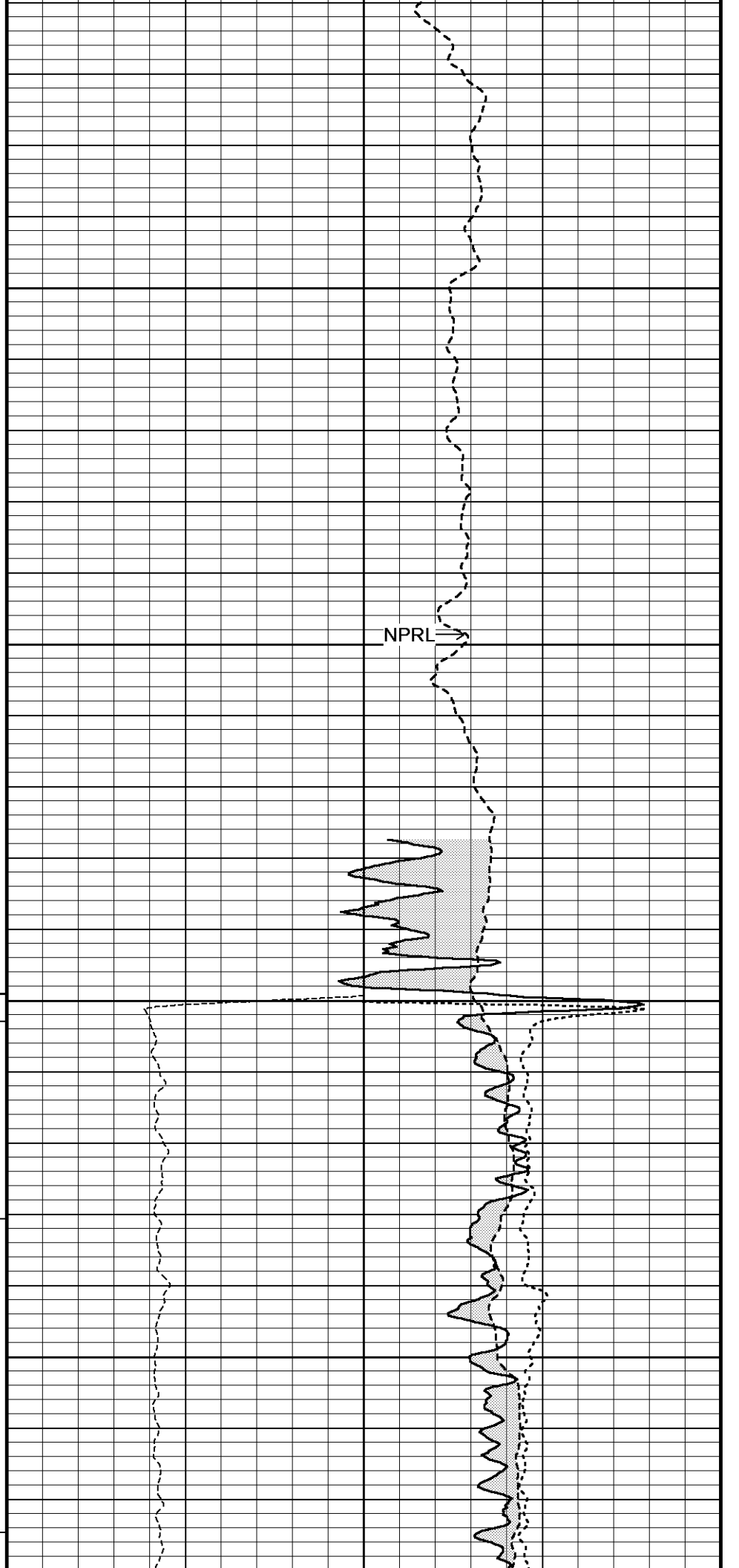
124°

Casing
Shoe
5850

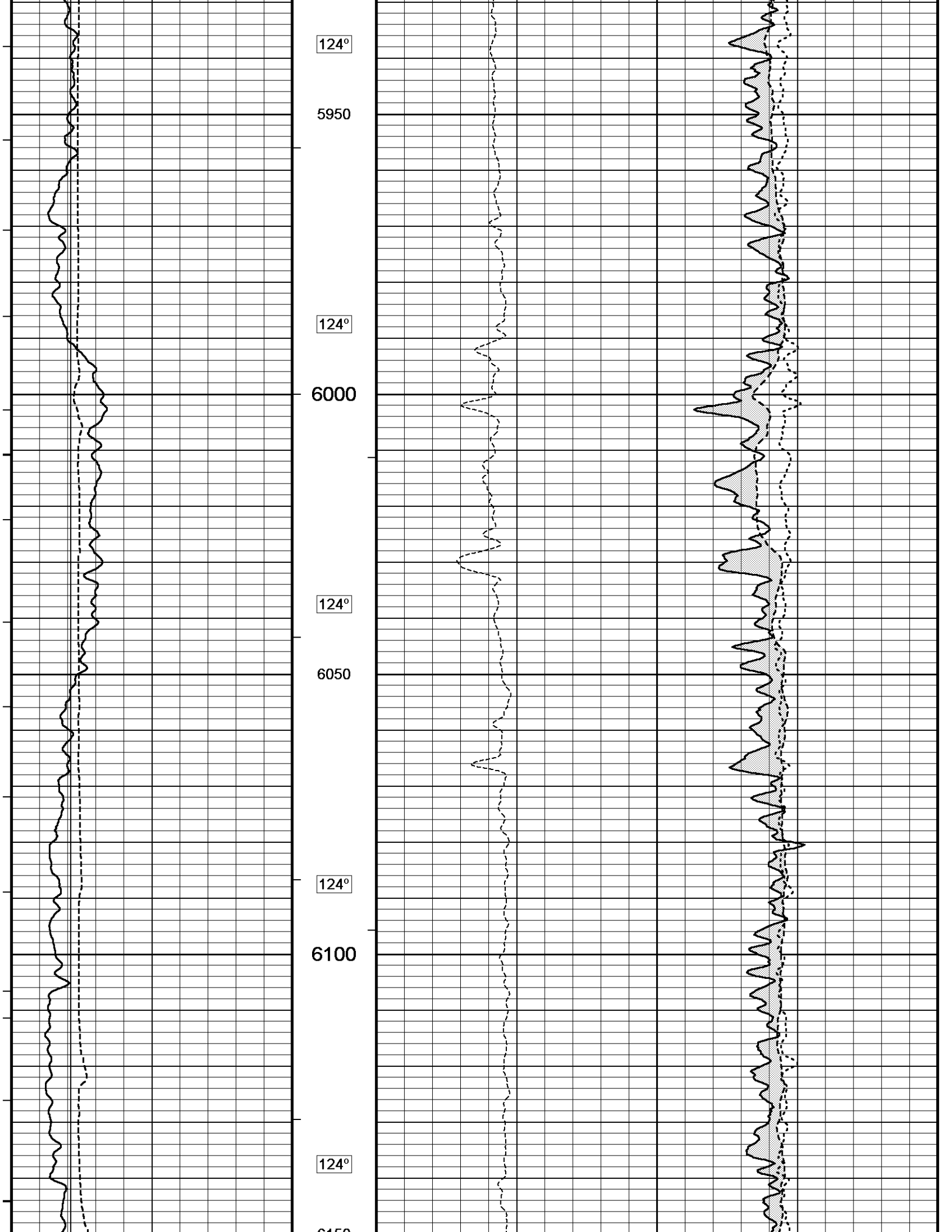
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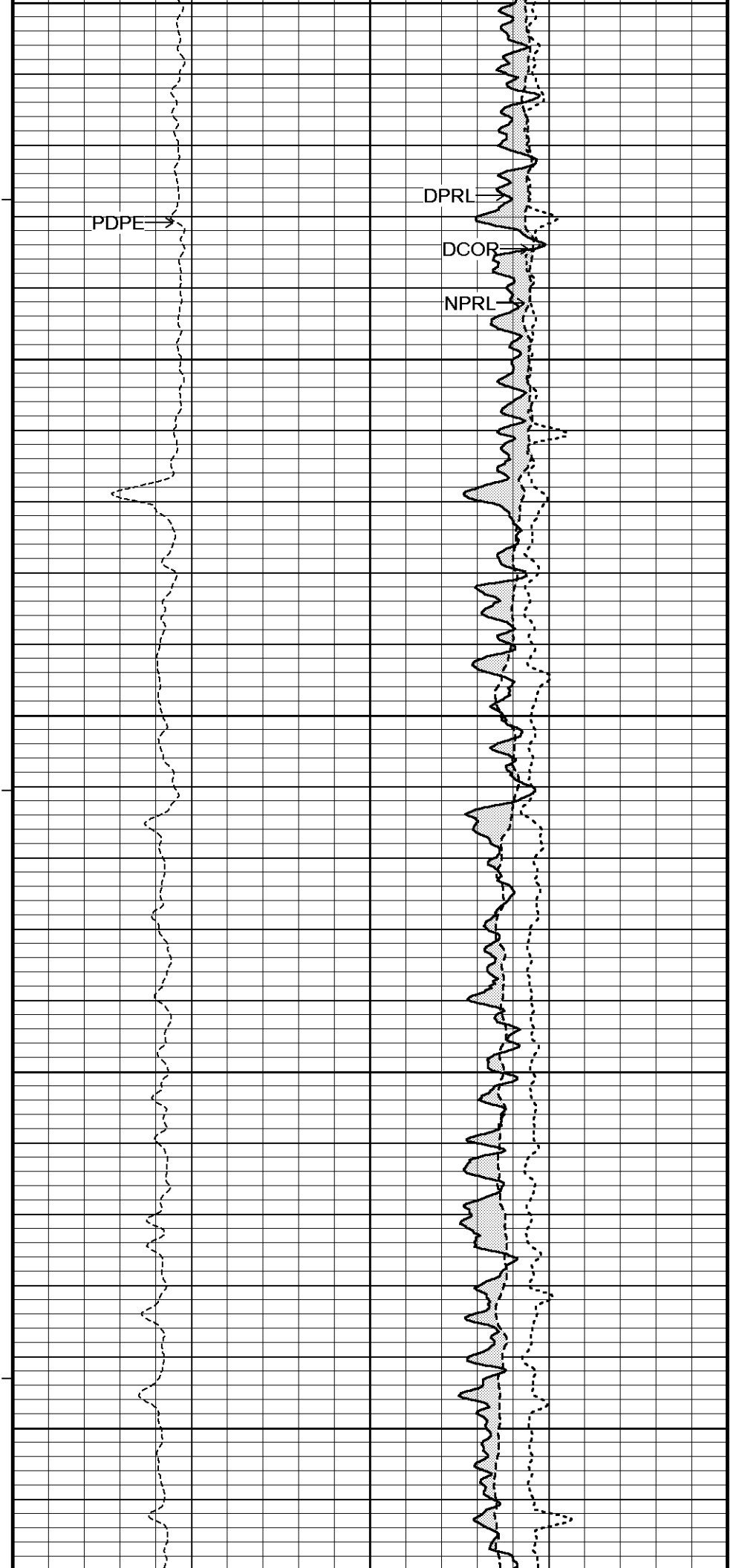
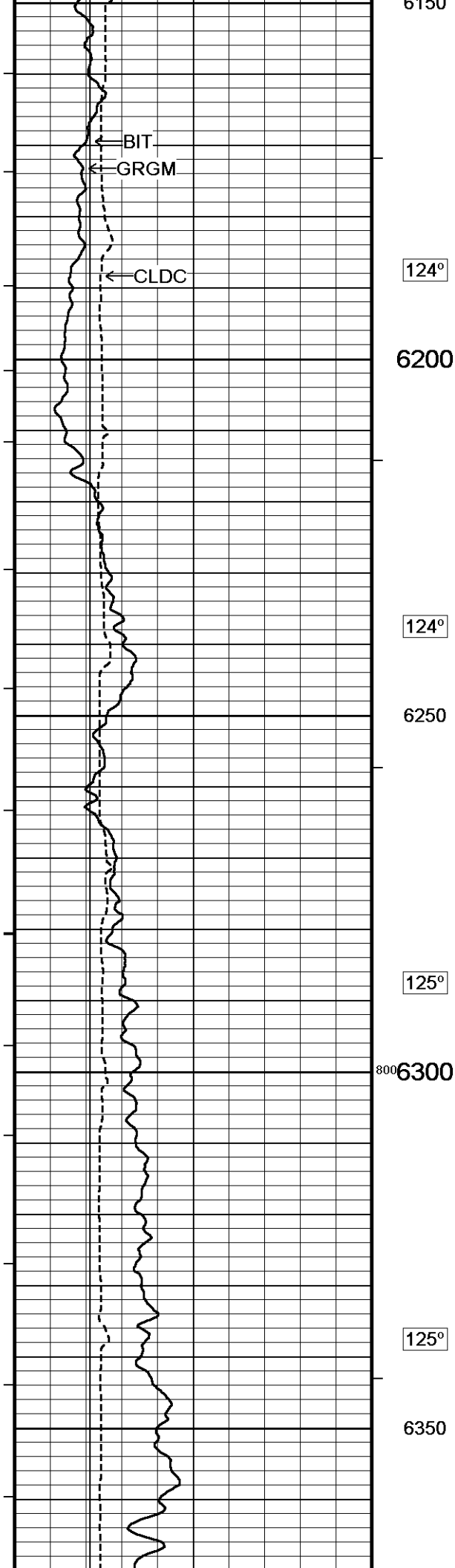
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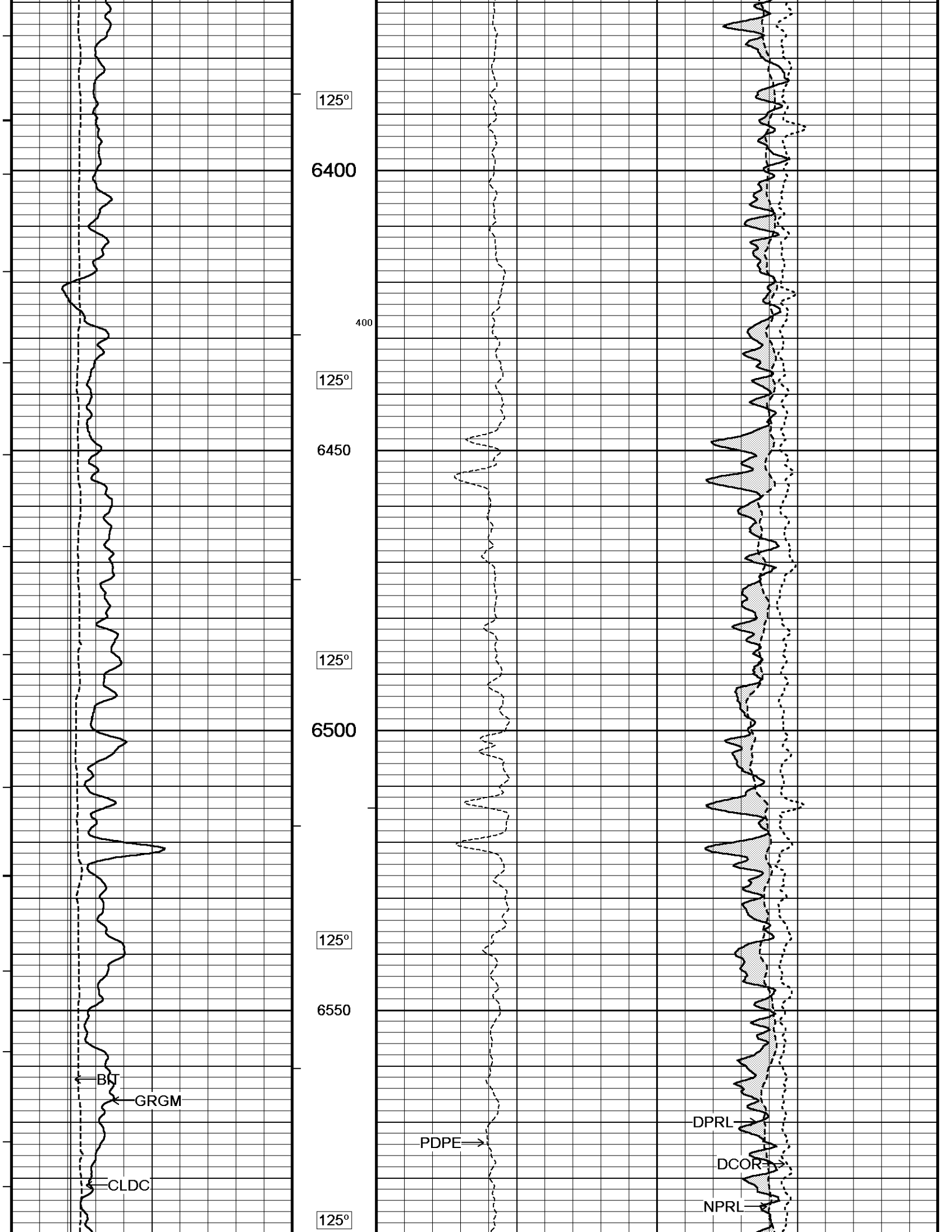
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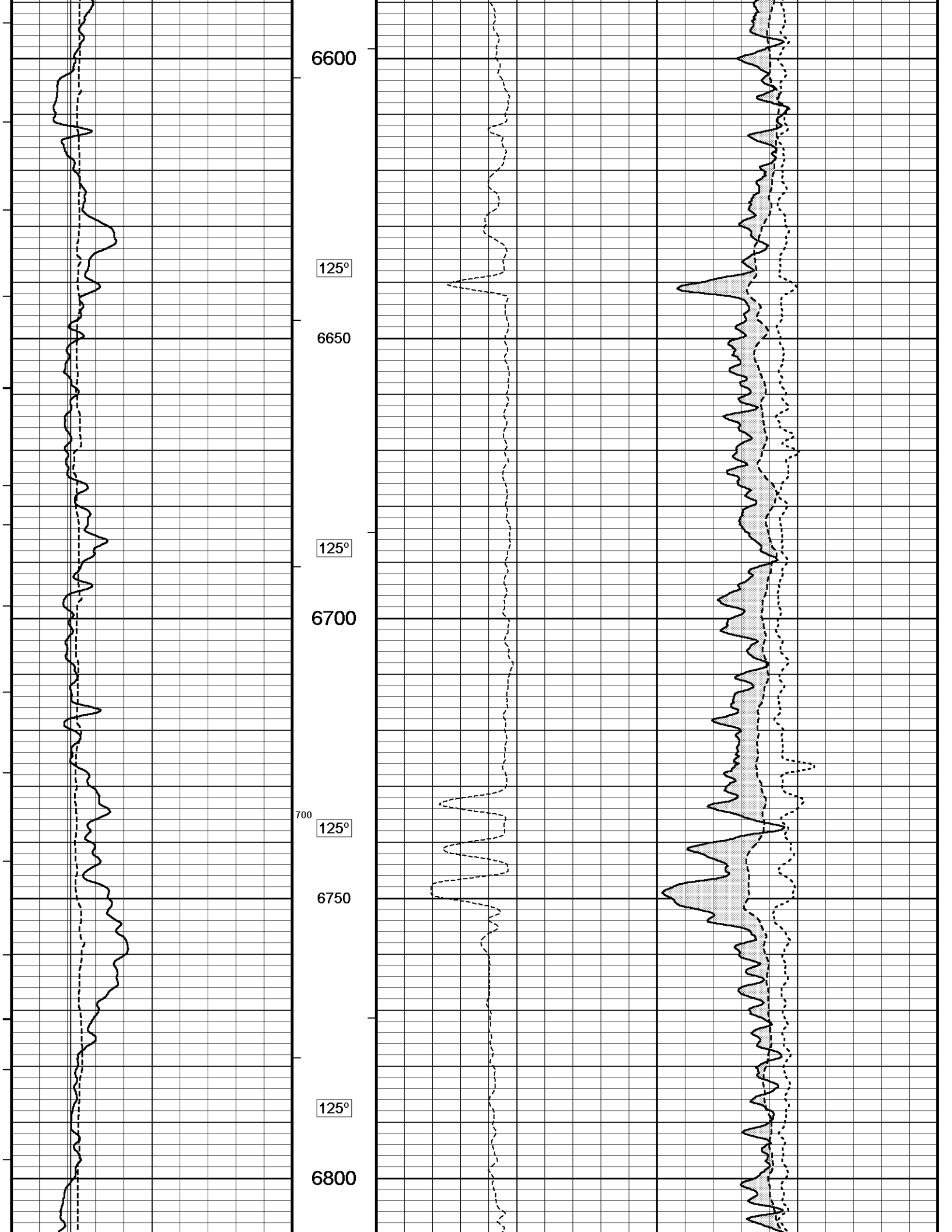


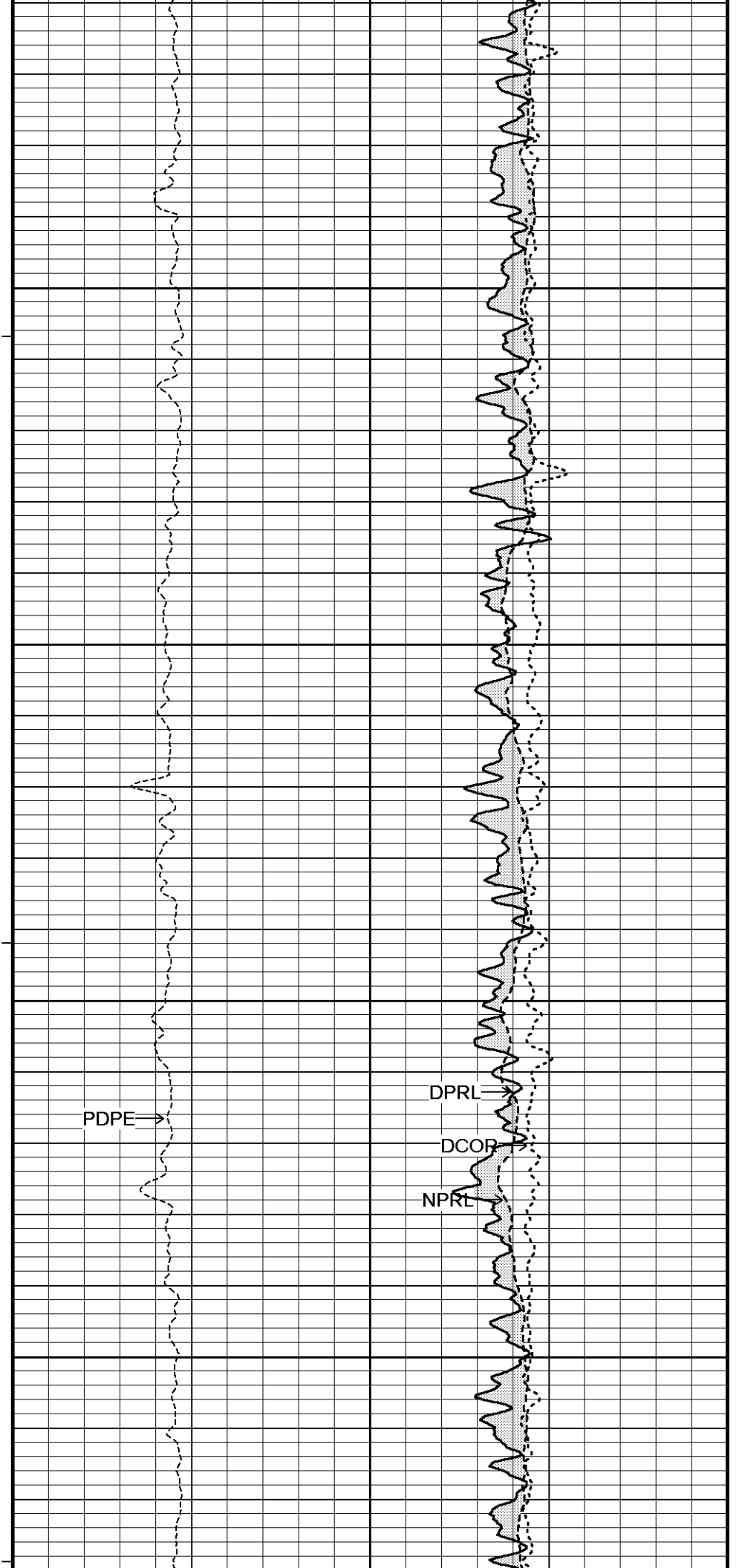
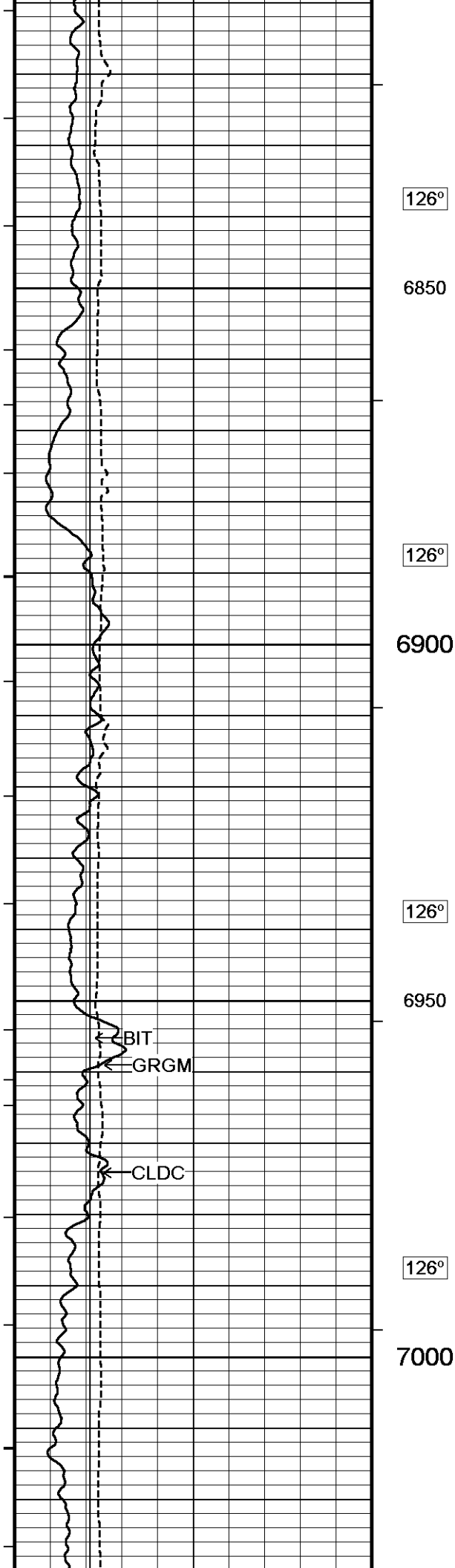
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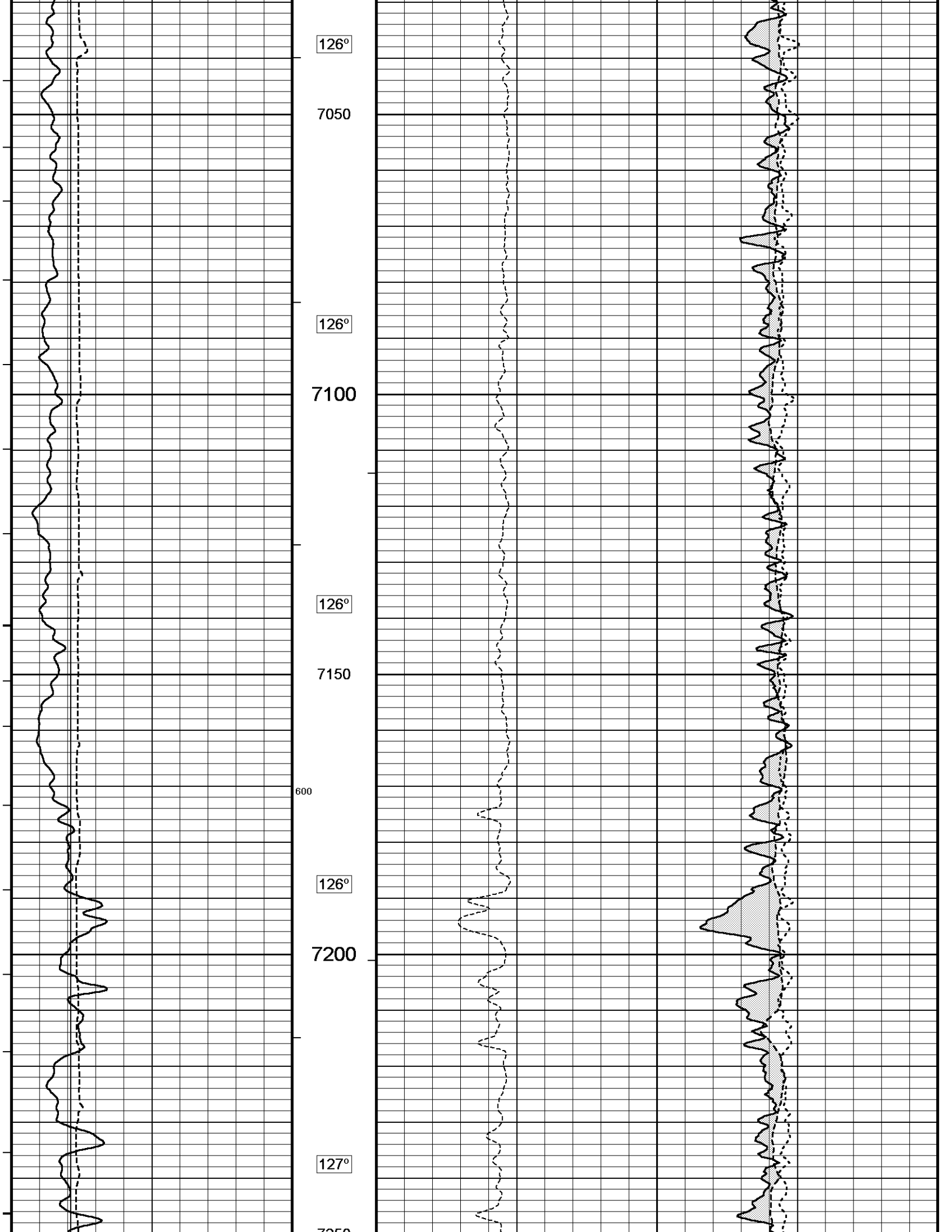


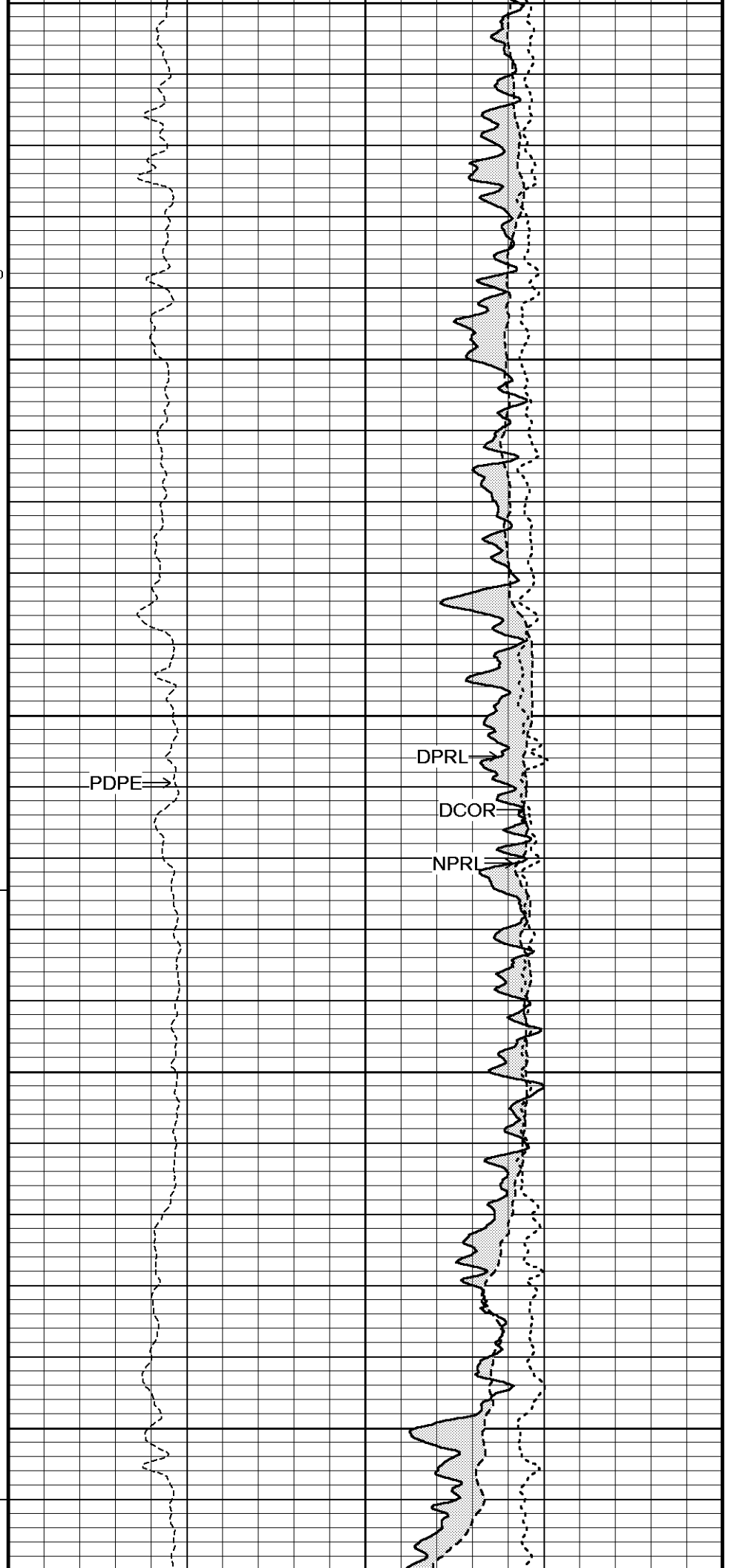
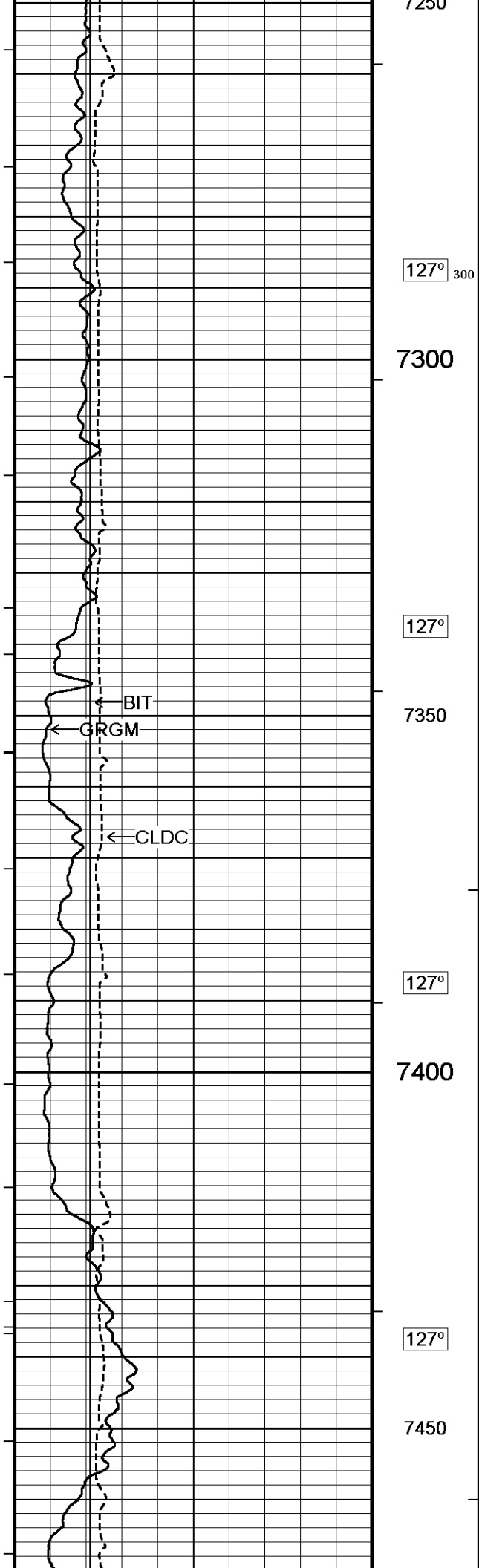


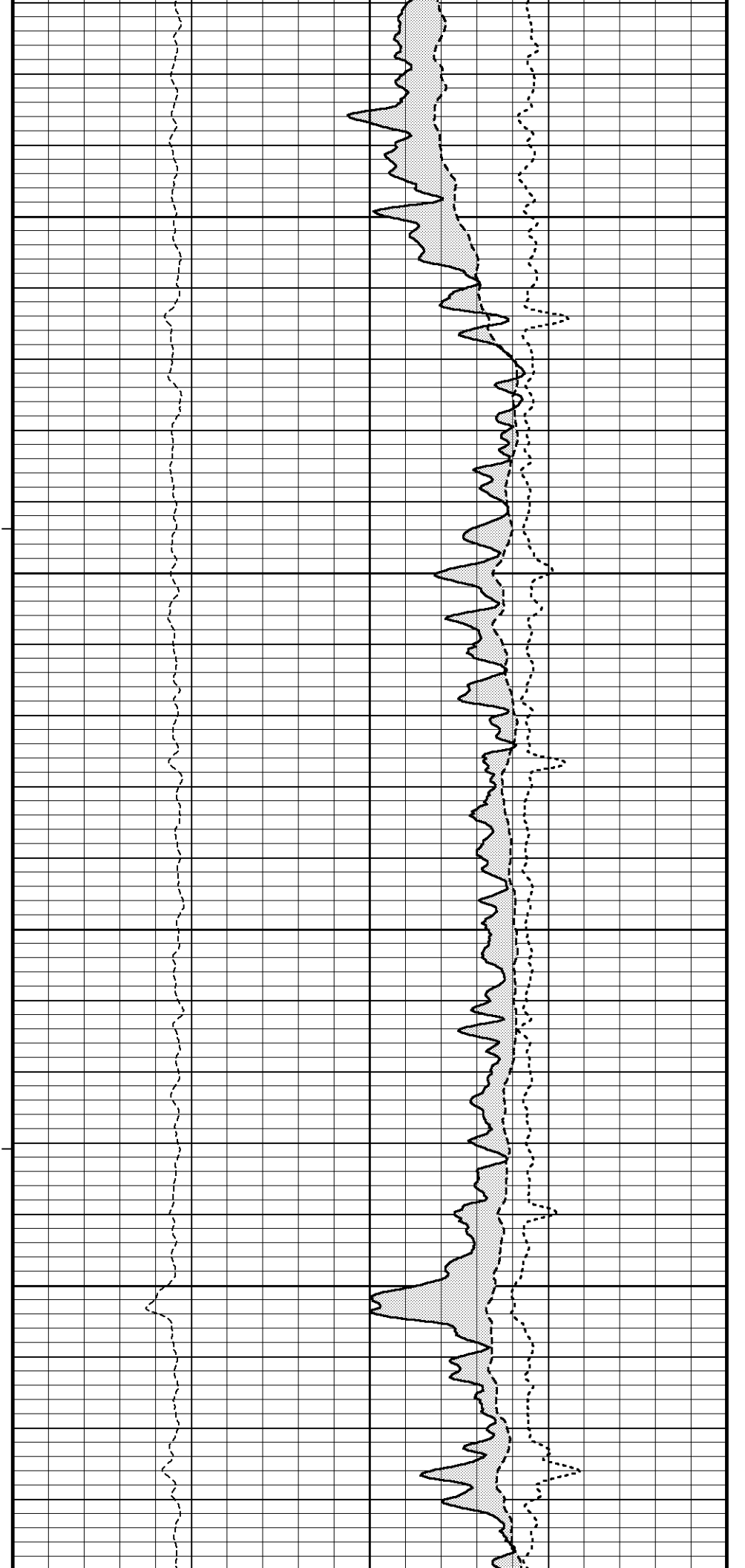
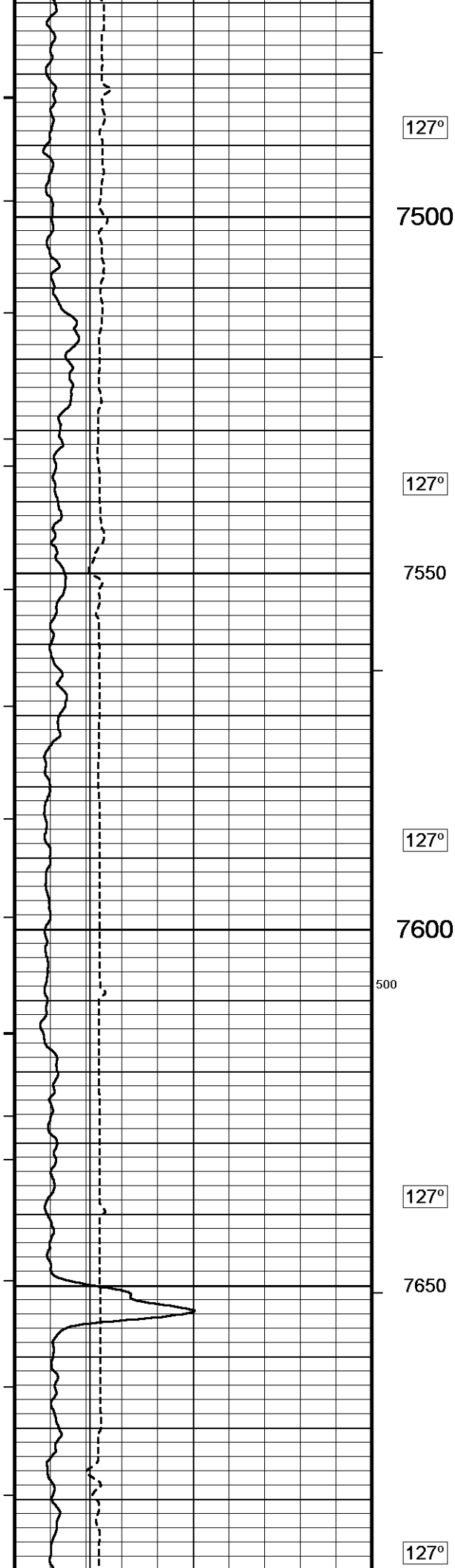


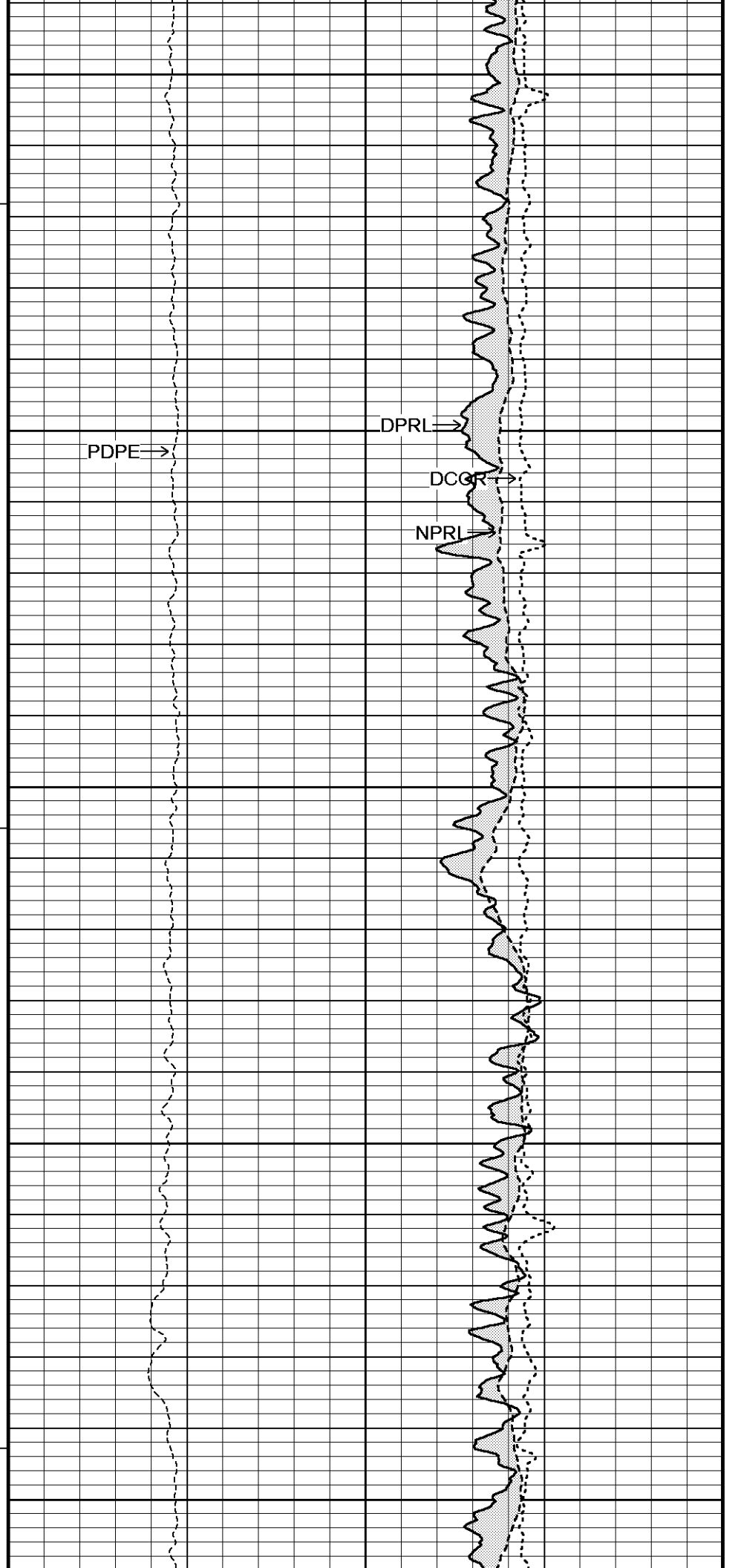
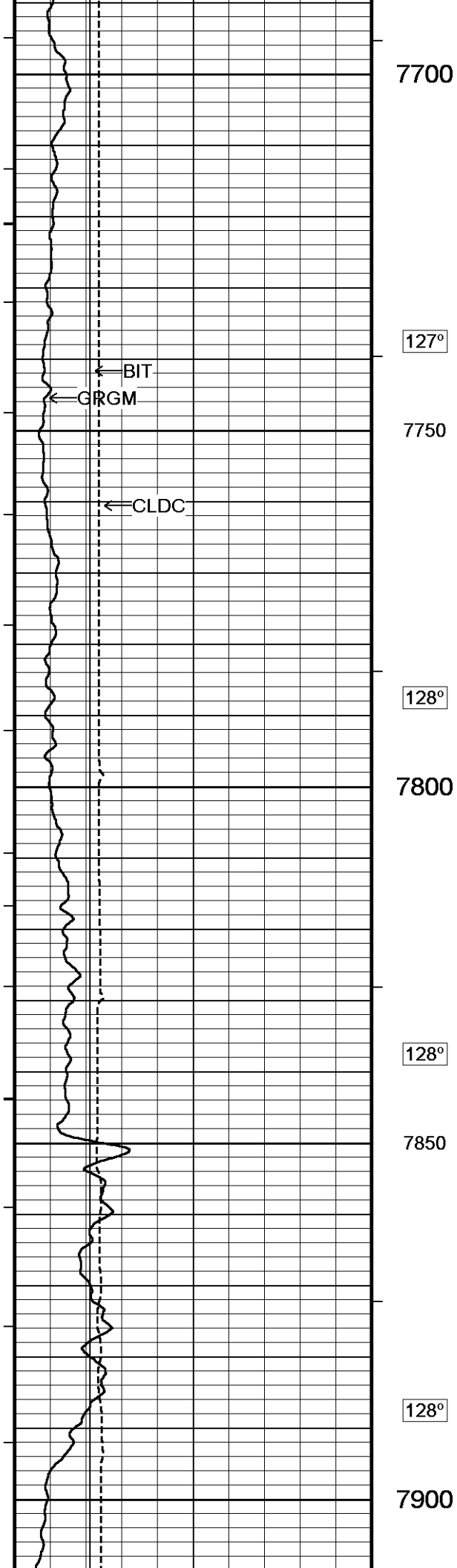


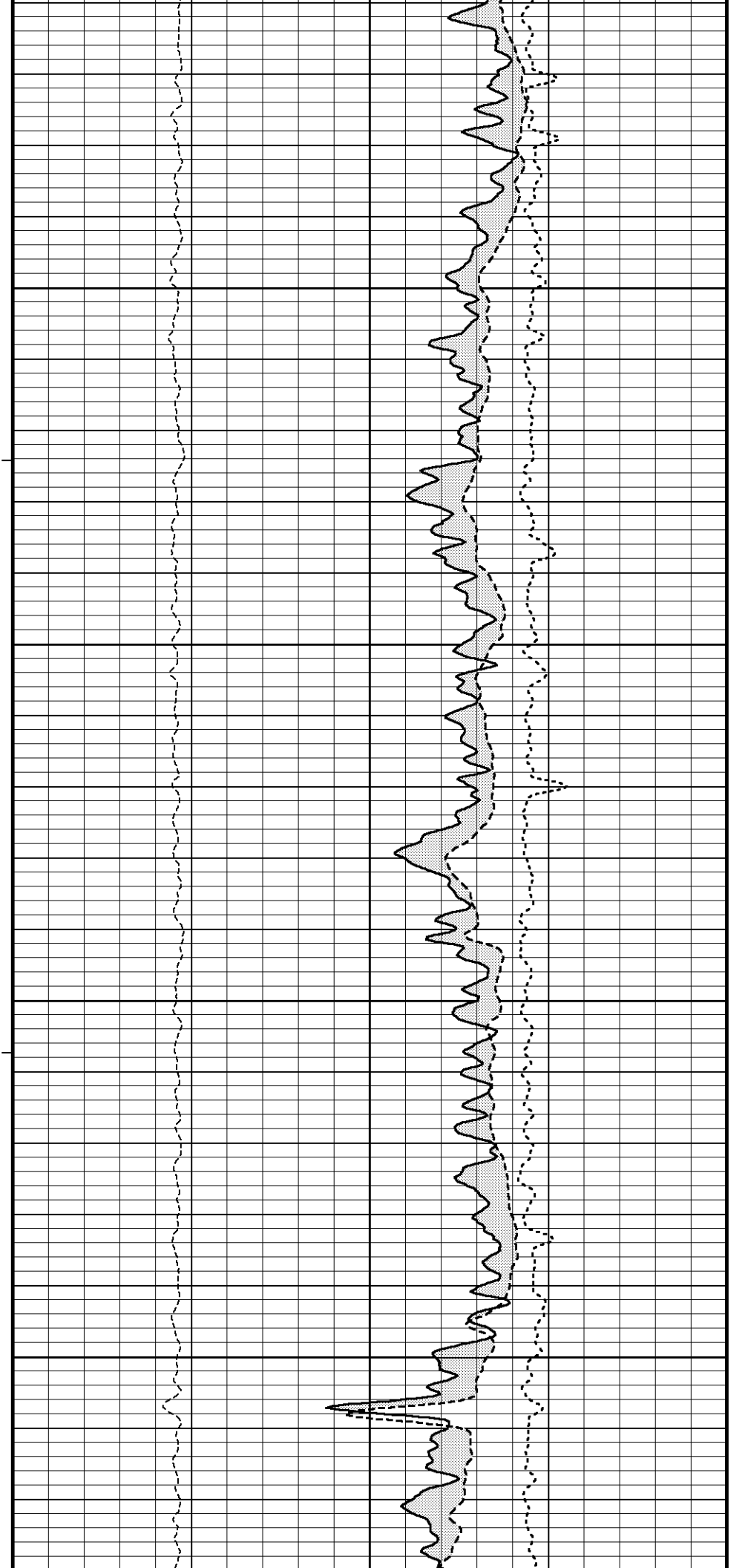
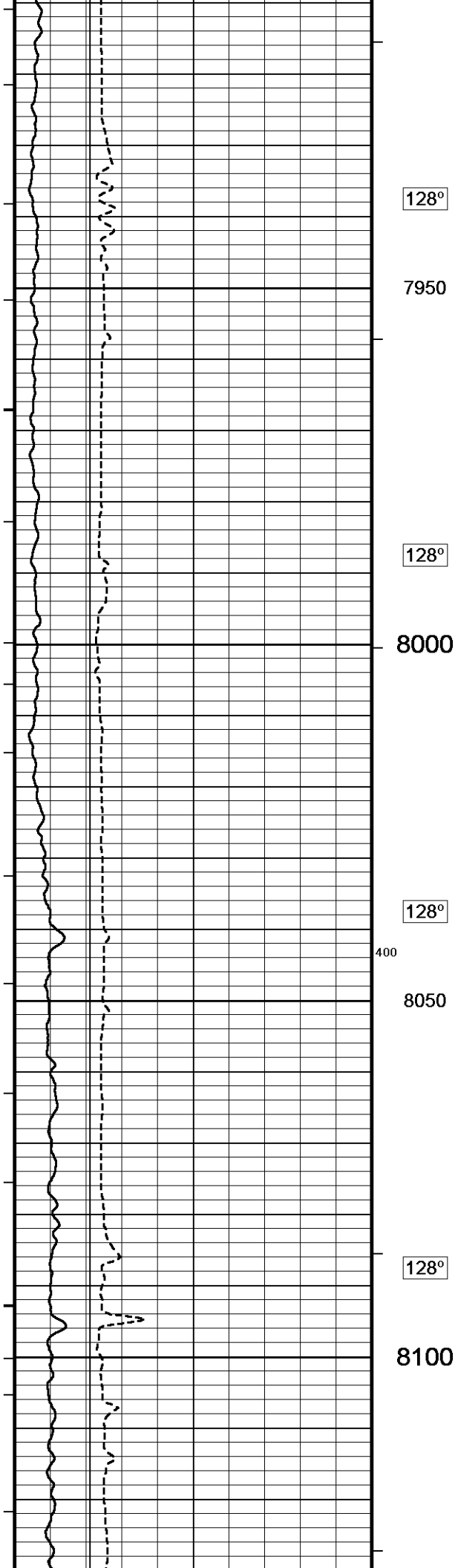


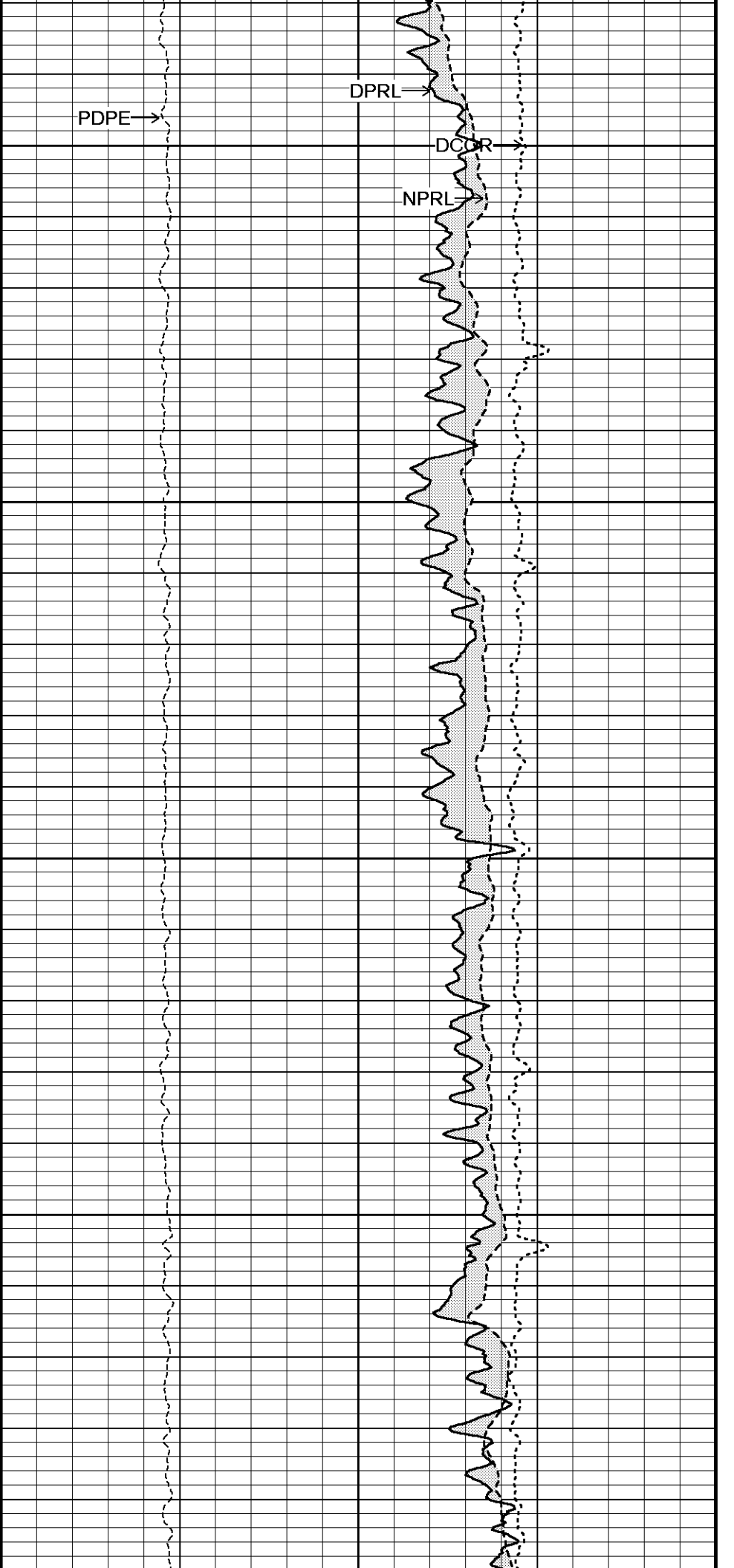
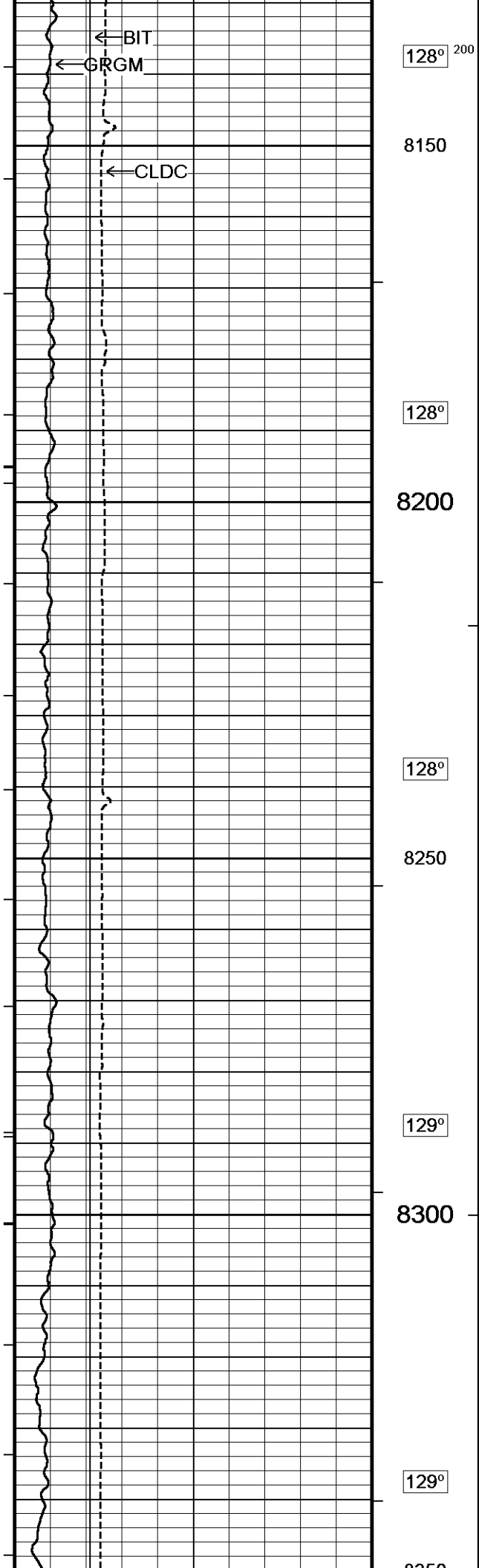


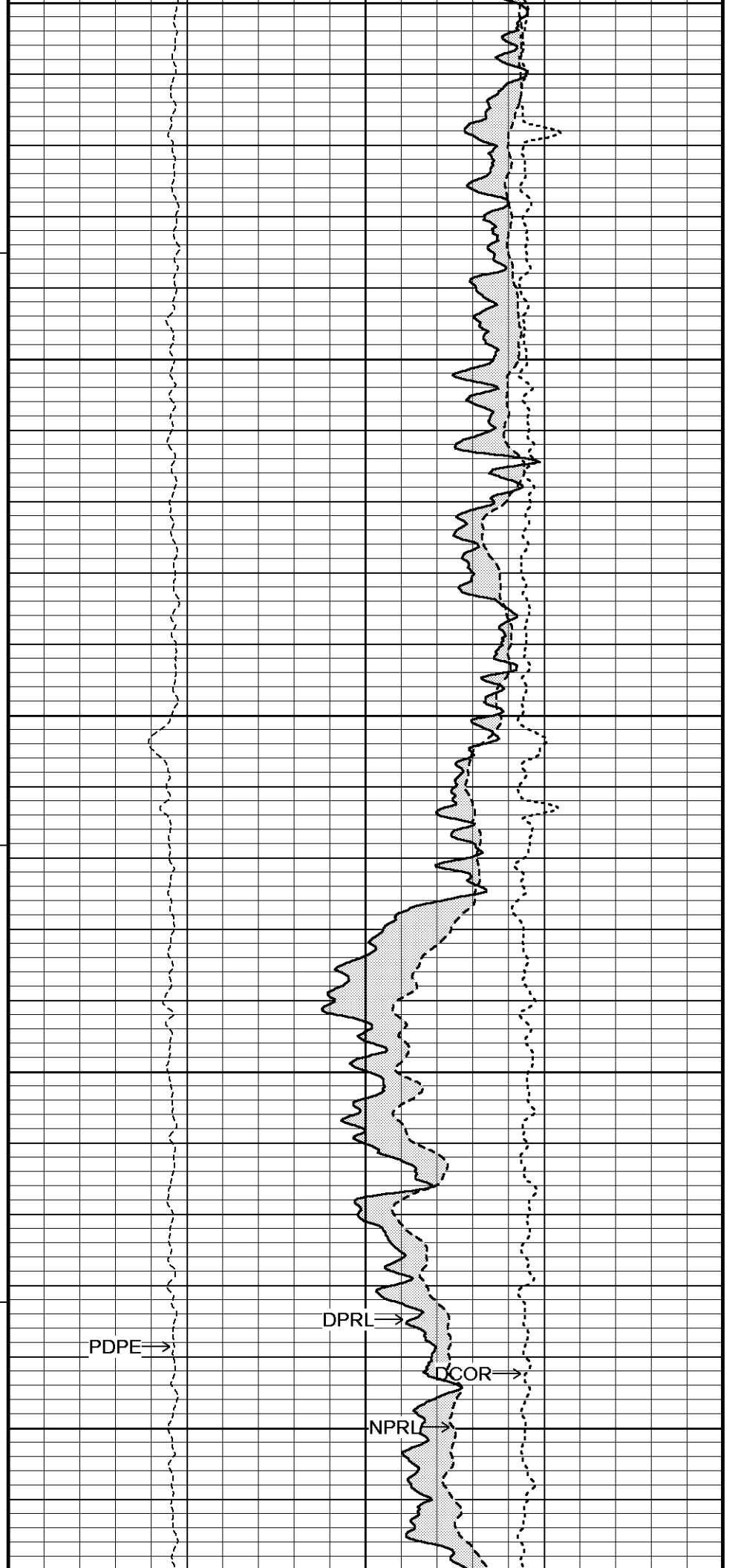
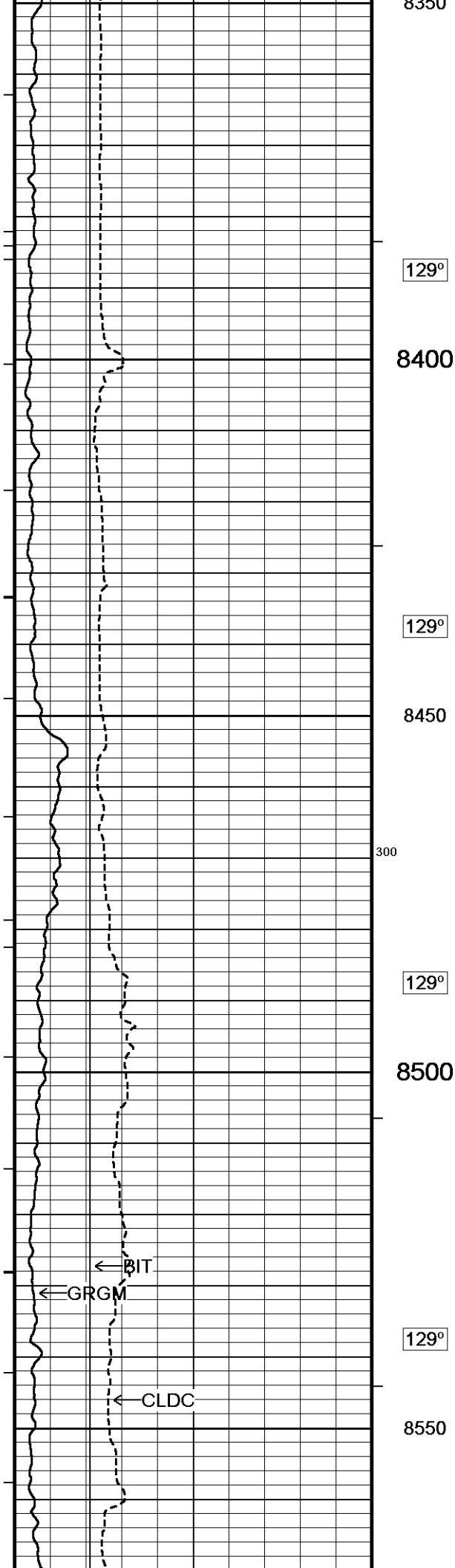


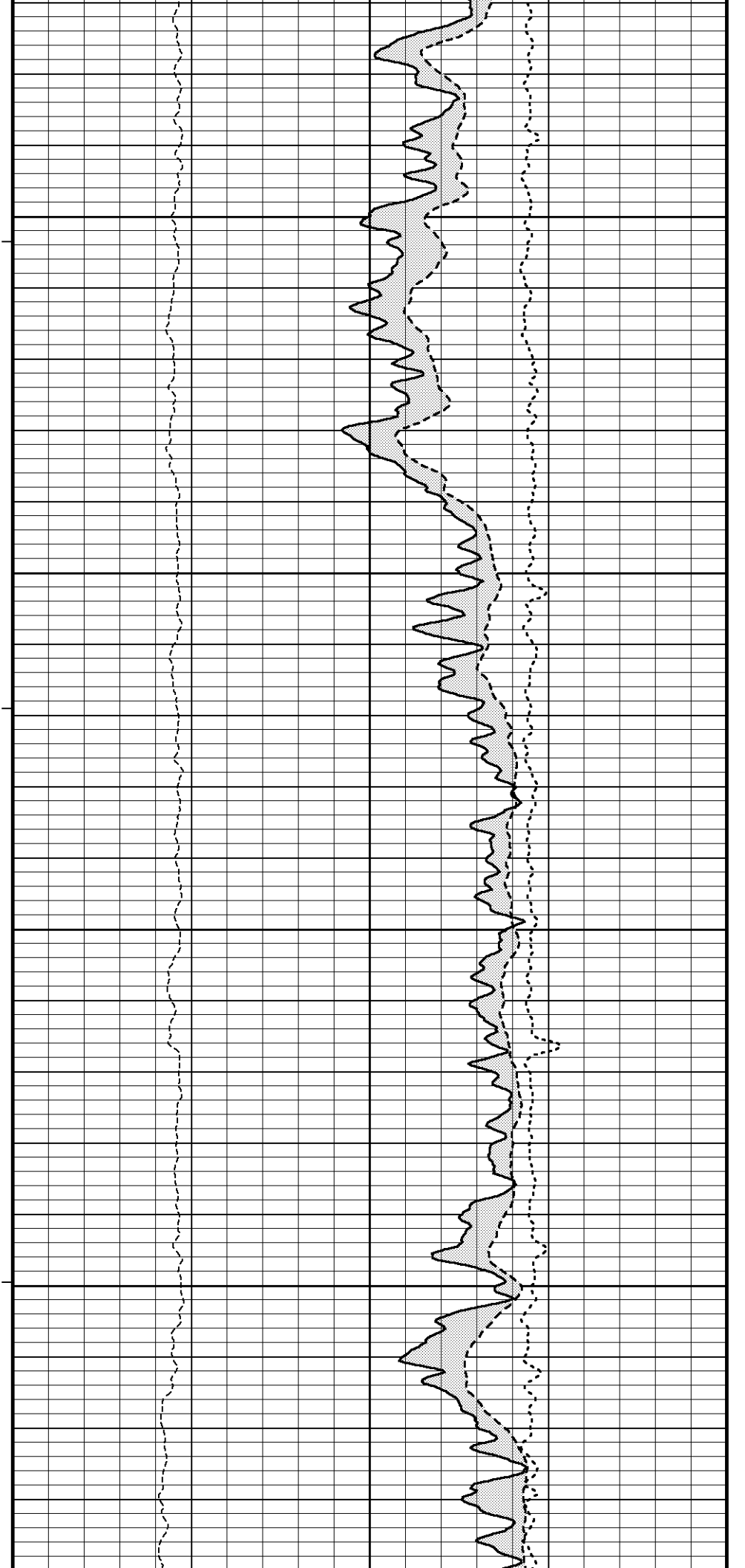
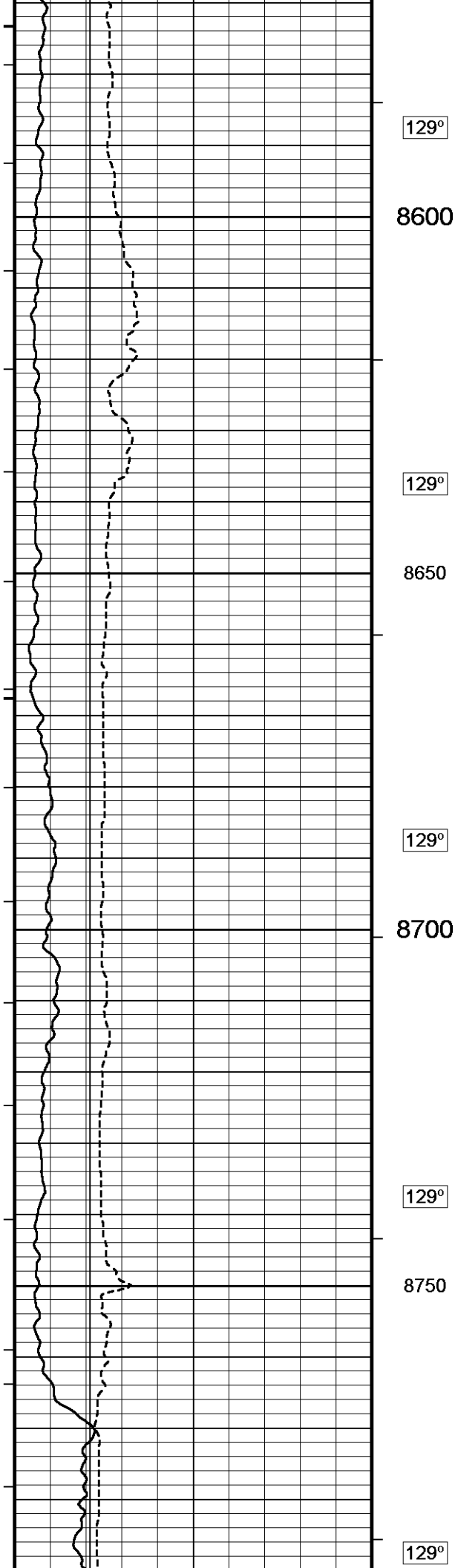


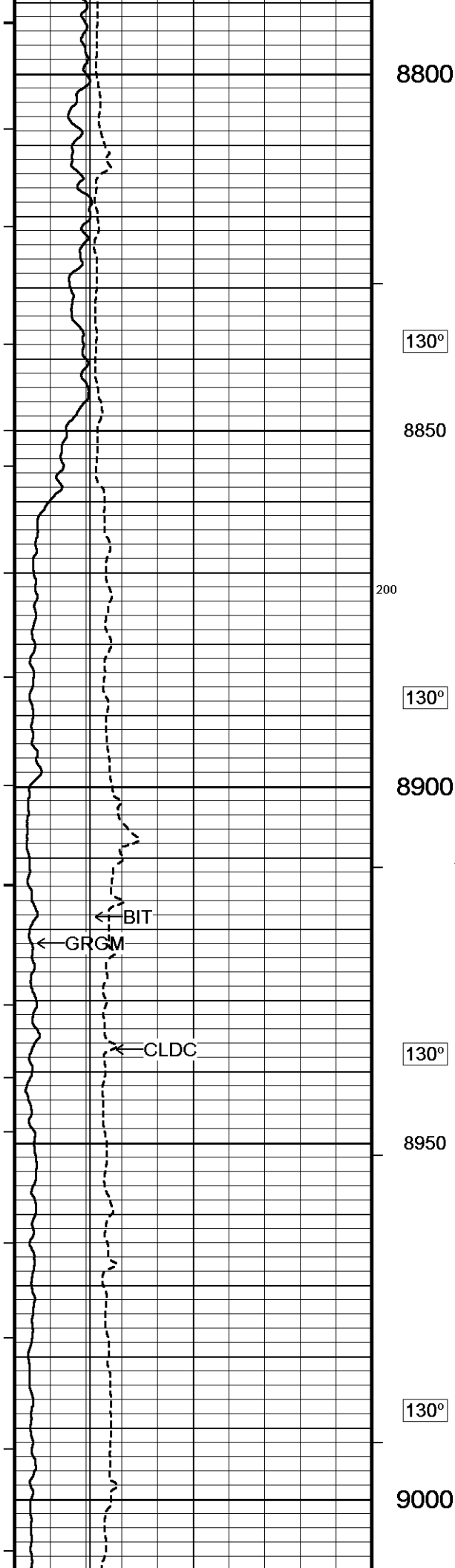












200

8800

130°

8850

130°

8900

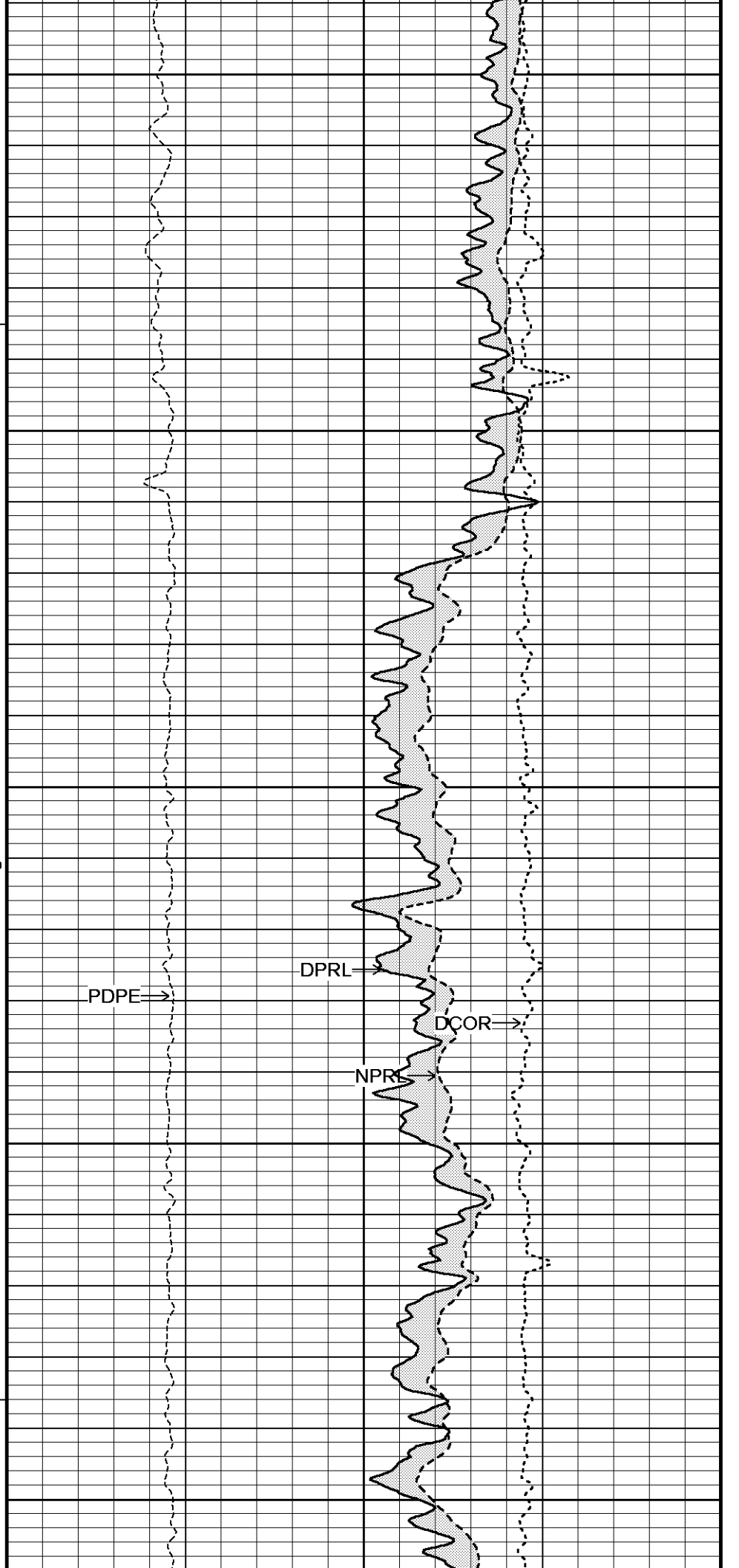
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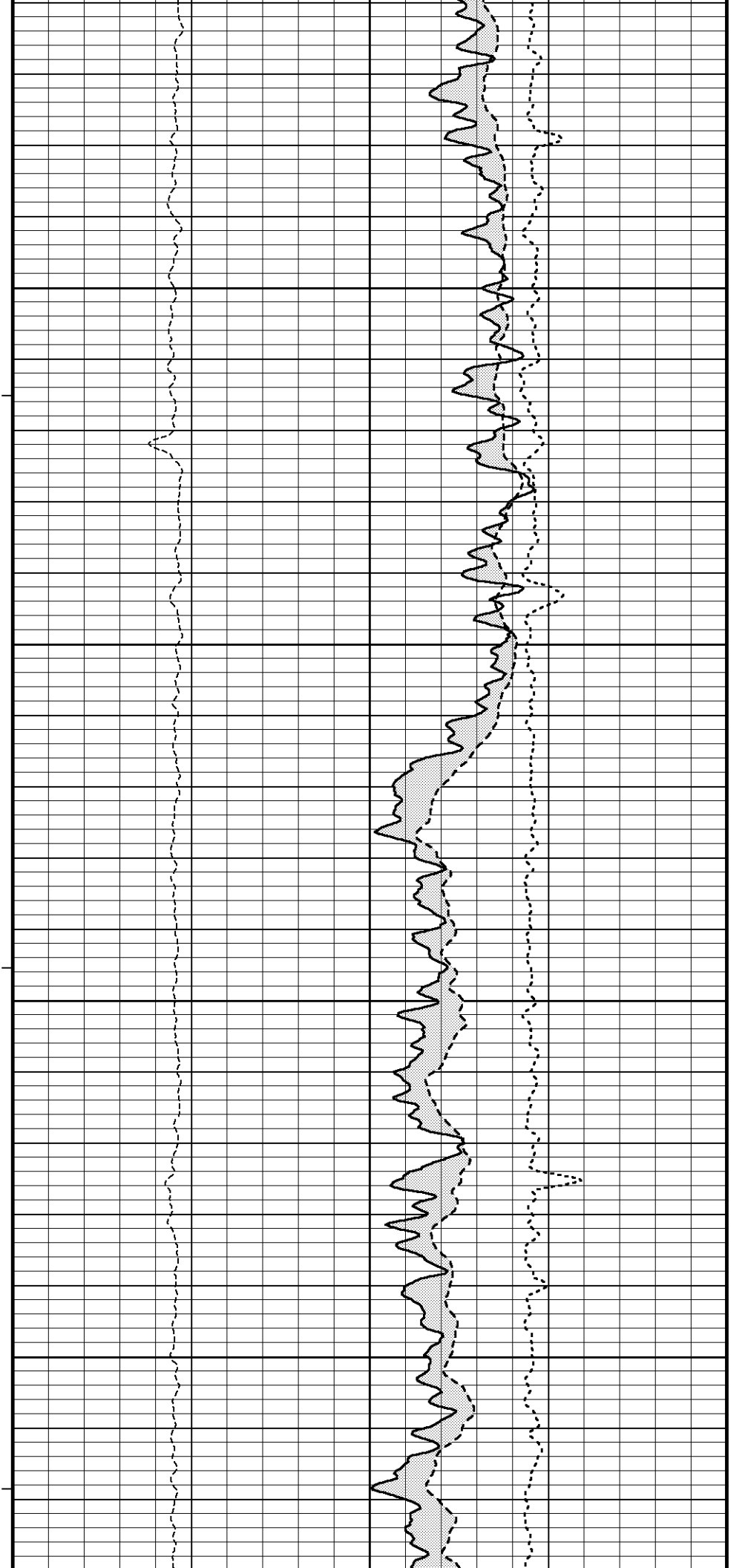
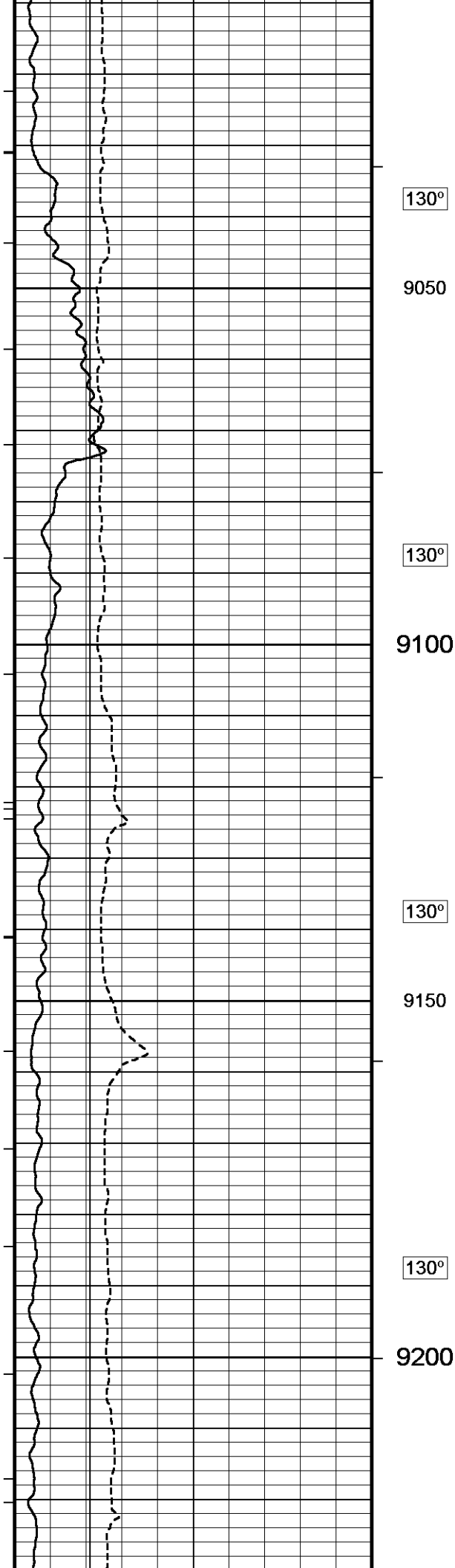
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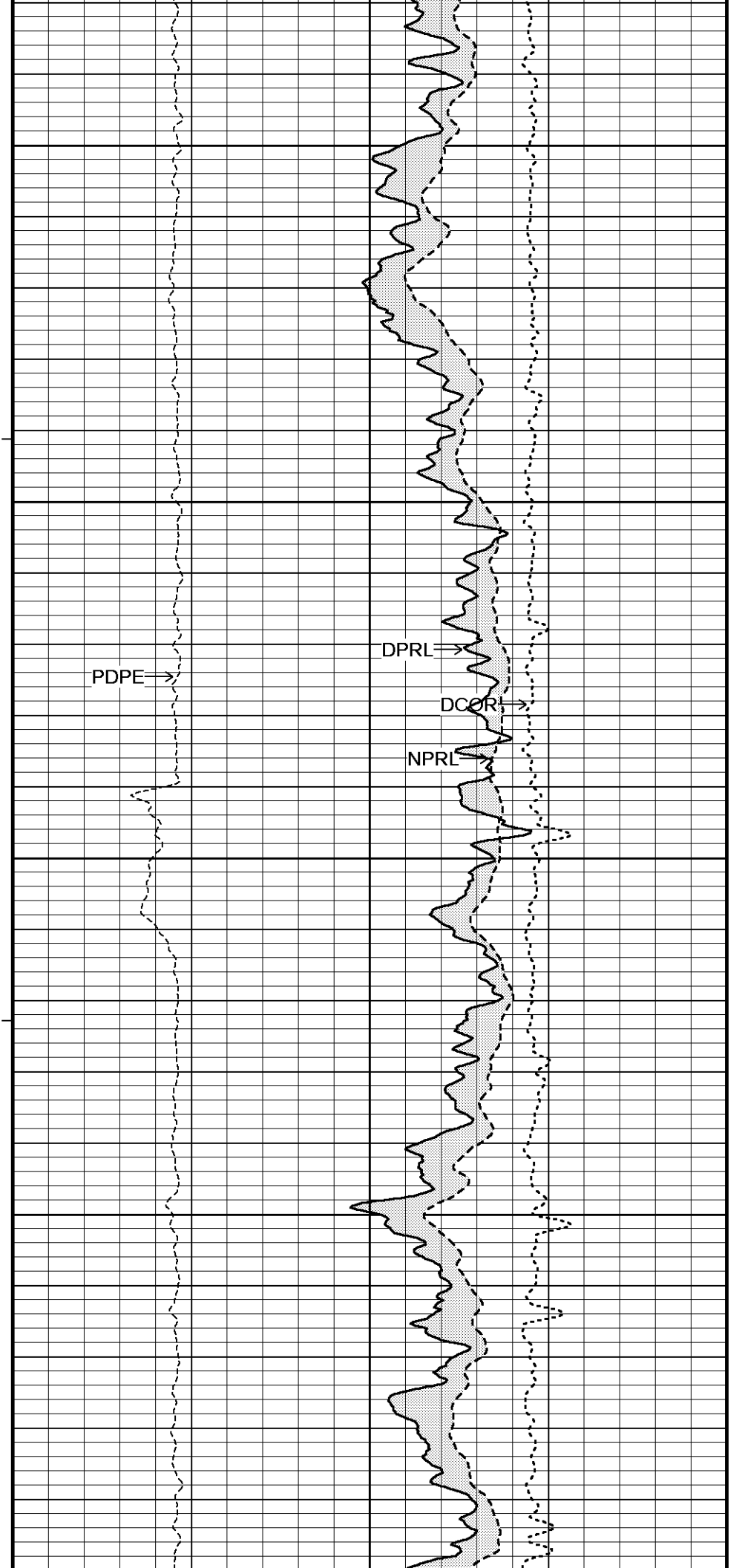
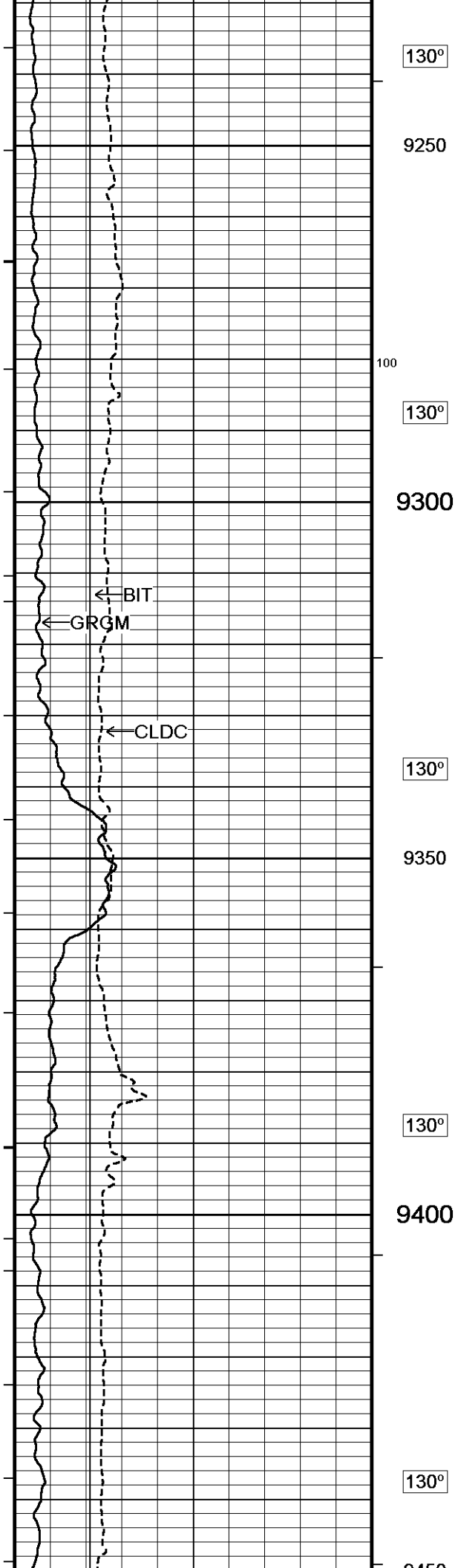
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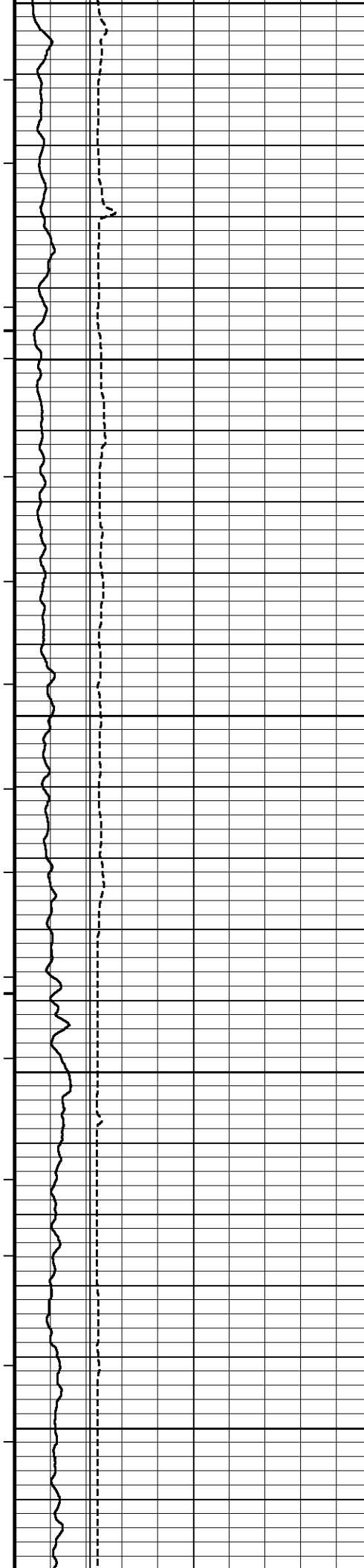
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9000

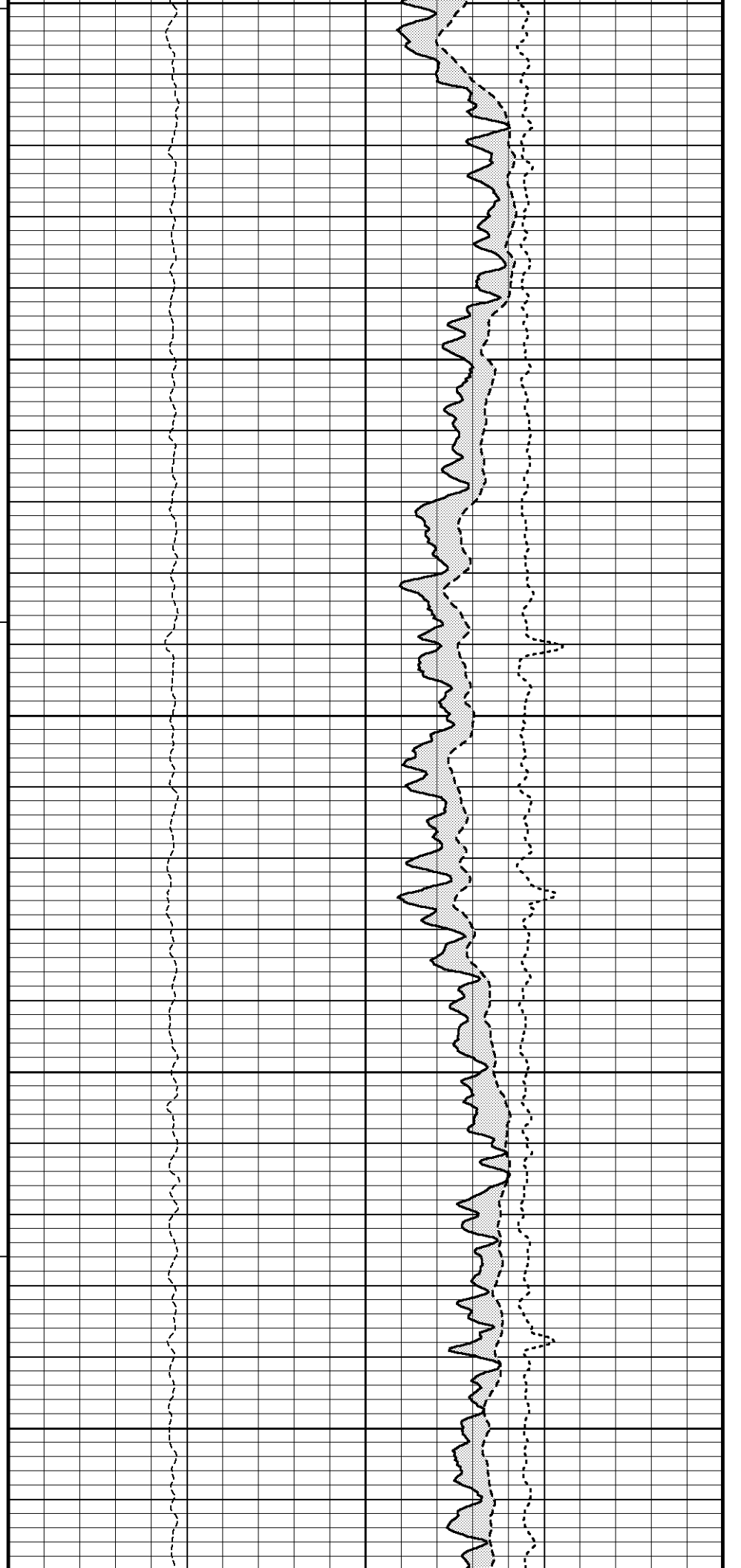


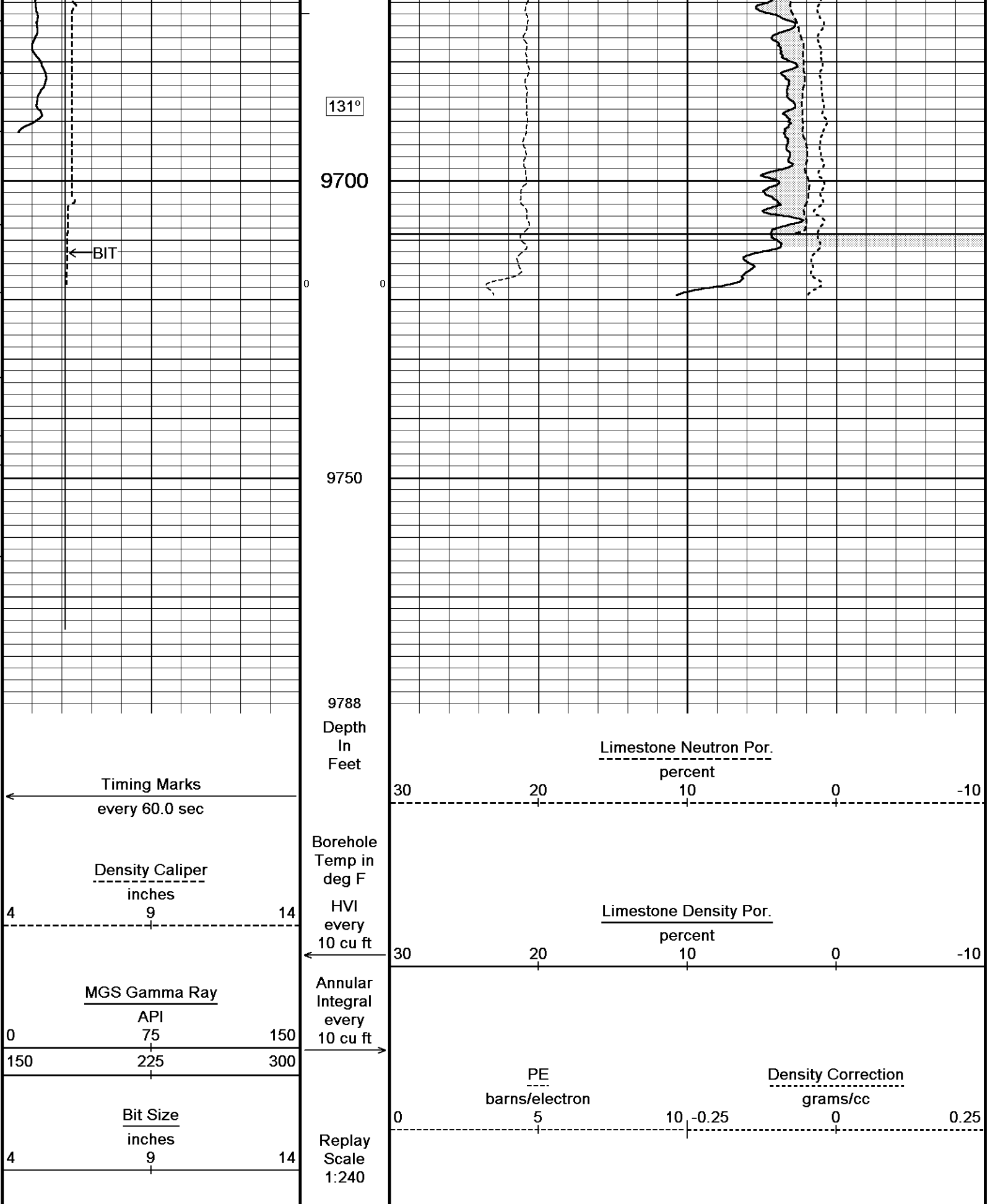






9450
130°
9500
130°
9550
130°
9600
130°
9650





Depth Based Data - Maximum Sampling Increment 10.0cm
Filename: C:\DATA_13_04_8492\SANDRIDGE ...\SANDRIDGE COACH 2925 1-26H RTAP DEPTH.dta
System Versions: Processed with 13.04.8492 Plotted with 13.04.8492

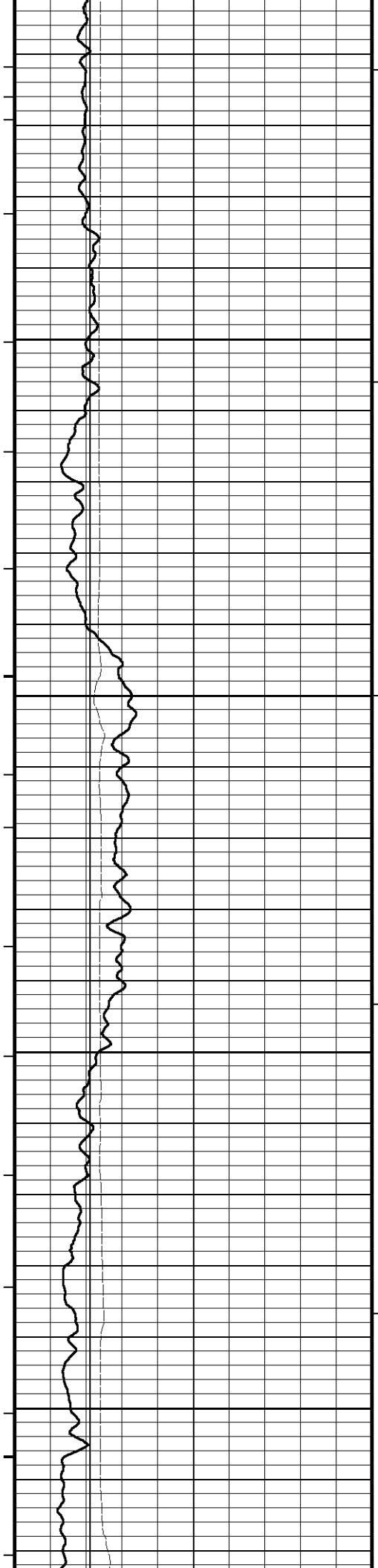
Plotted on 17-JAN-2013 20:37
Recorded on 17-JAN-2013 19:27

↓	5 INCH BULK DENSITY	↓
Depth Based Data - Maximum Sampling Increment 10.0cm		Plotted on 17-JAN-2013 20:37
Filename: C:\DATA_13_04_8492\SANDRIDGE ... \SANDRIDGE COACH 2925 1-26H RTAP DEPTH.dta		Recorded on 17-JAN-2013 19:27
System Versions: Processed with 13.04.8492 Plotted with 13.04.8492		

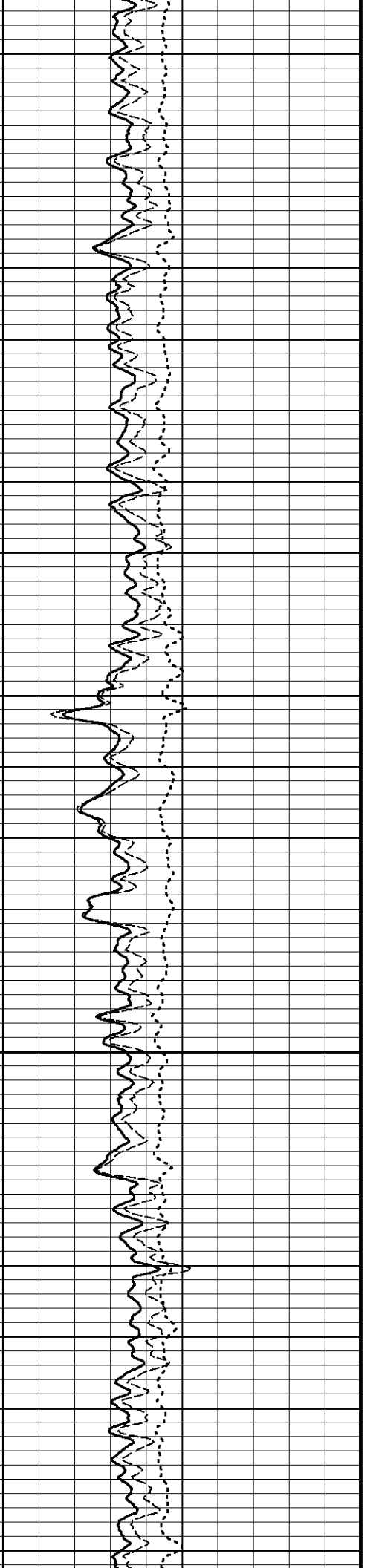
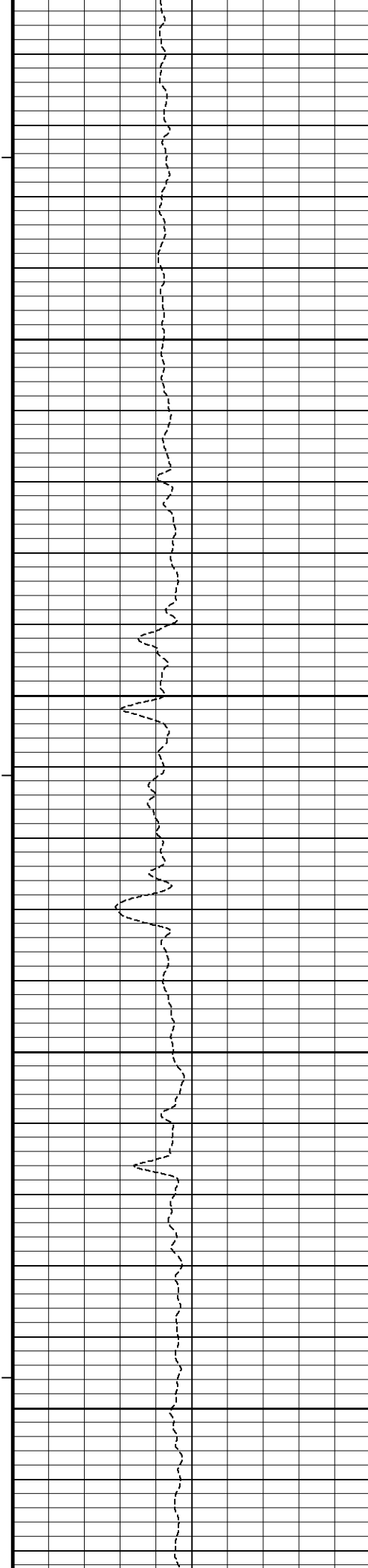
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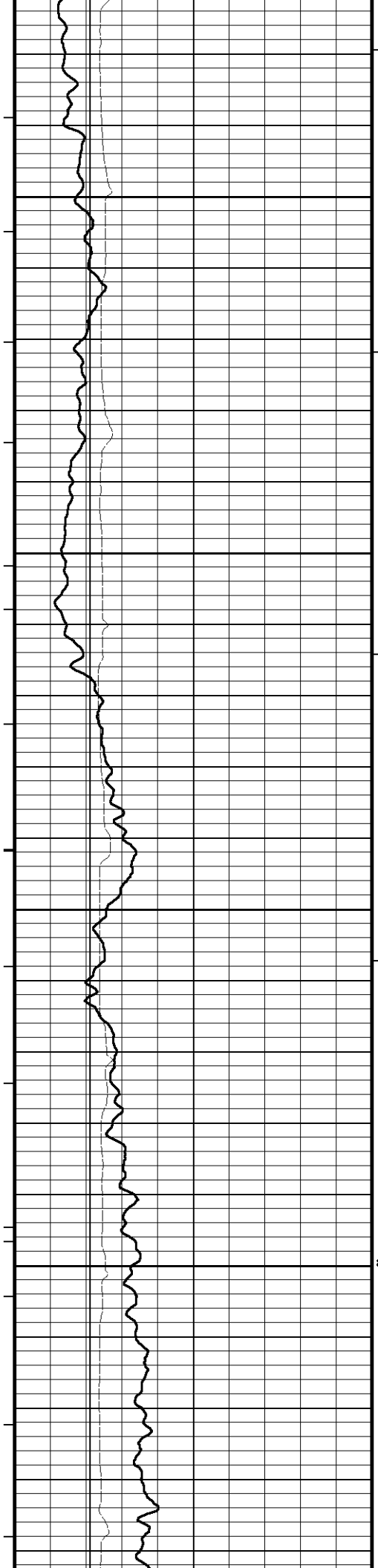
Recorded on 17-JAN-2013 19:27

Timing Marks every 60.0 sec		Depth In Feet	Compensated Density grams/cc	
Density Caliper inches		HVI every 10 cu ft	Limestone Density Por. percent	
MGS Gamma Ray API		Annular Integral every 10 cu ft	PE barns/electron	Density Correction grams/cc
Bit Size inches		Replay Scale 1:240		
4	9	14	2	2.25
0	75	150	30	20
150	225	300	10	0
4	9	14	0	5
		5788	10	-0.25
		5800	0	0
		5850	0.25	
		900		
		5900		

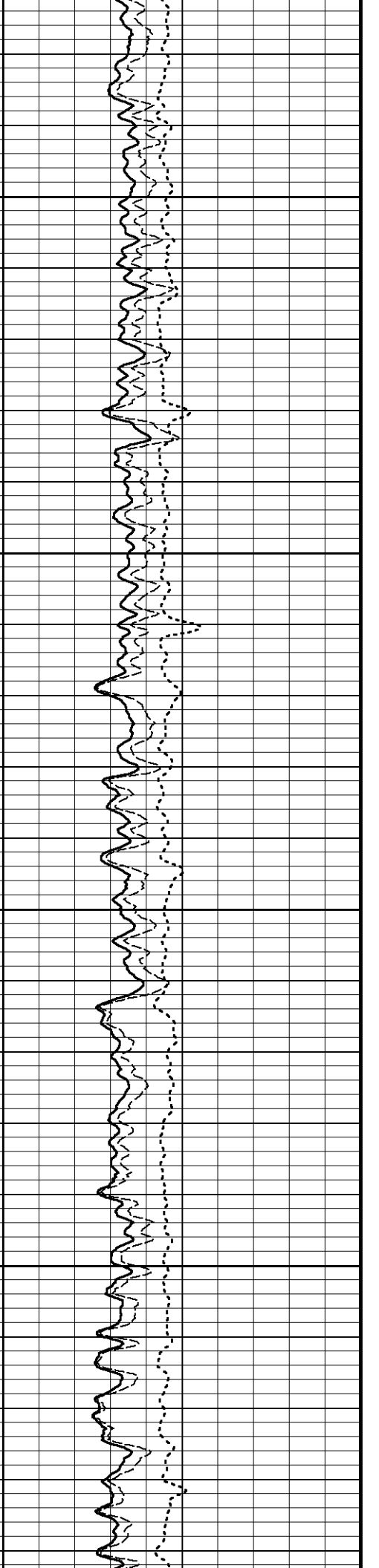
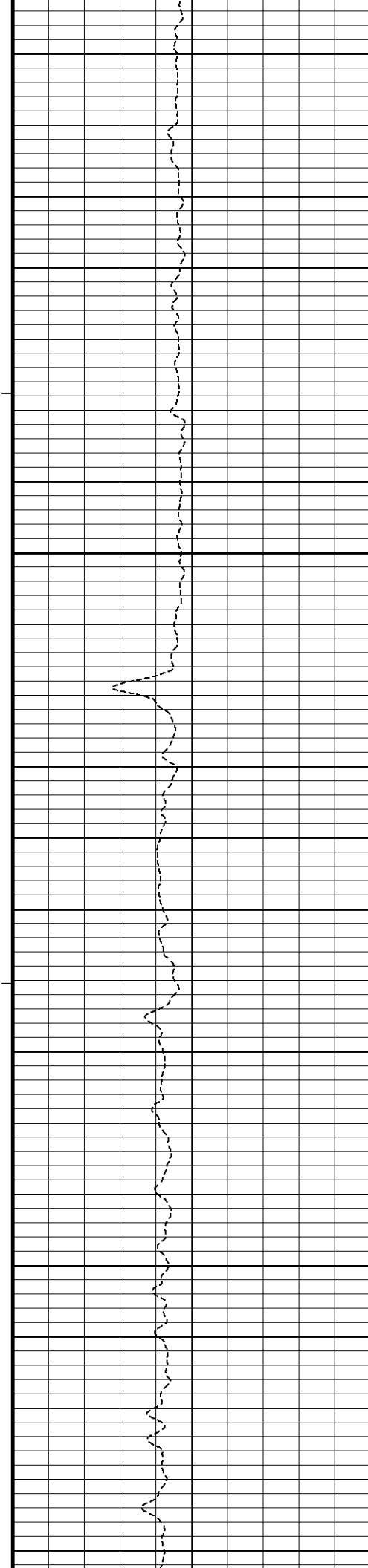


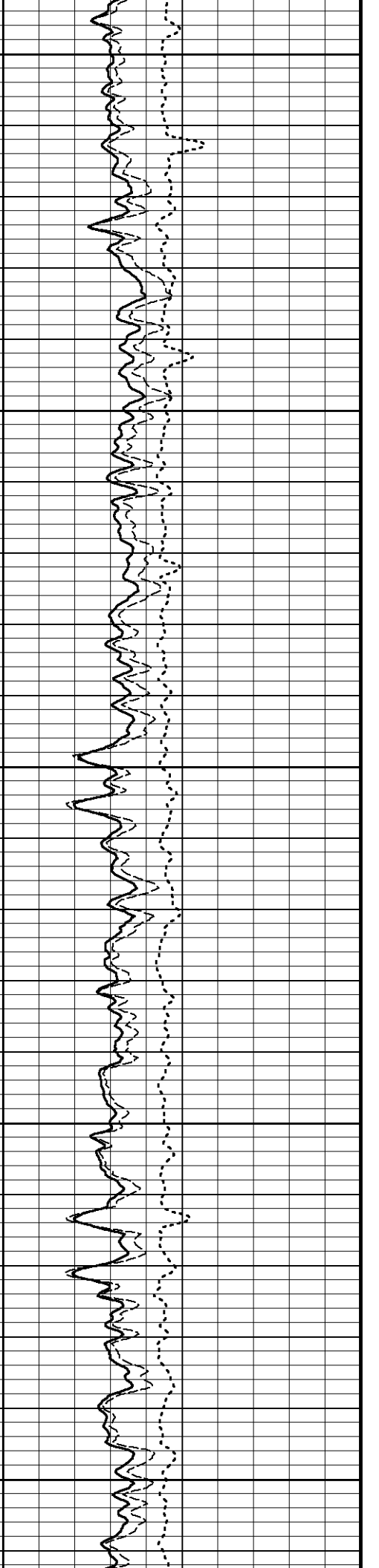
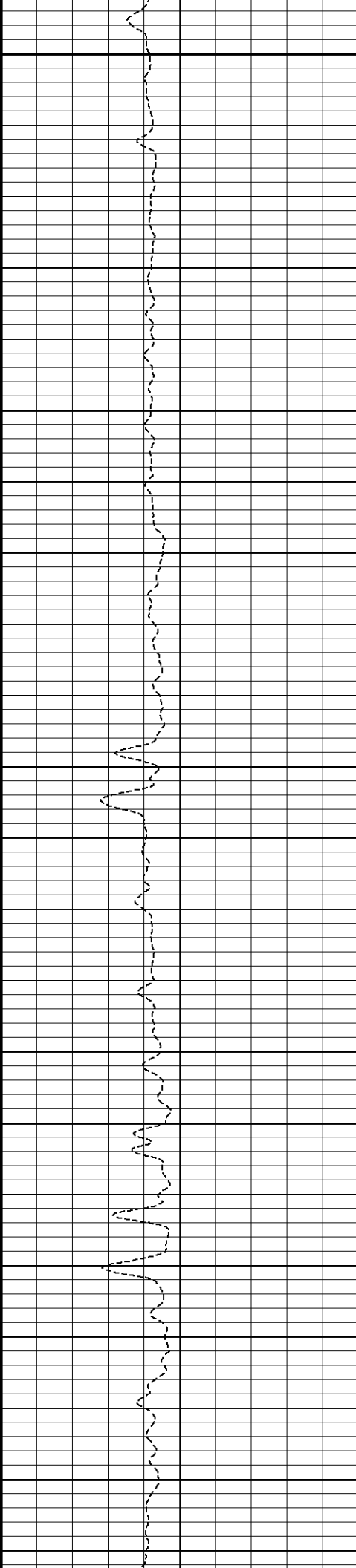
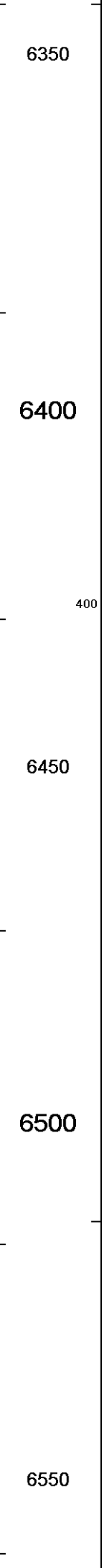
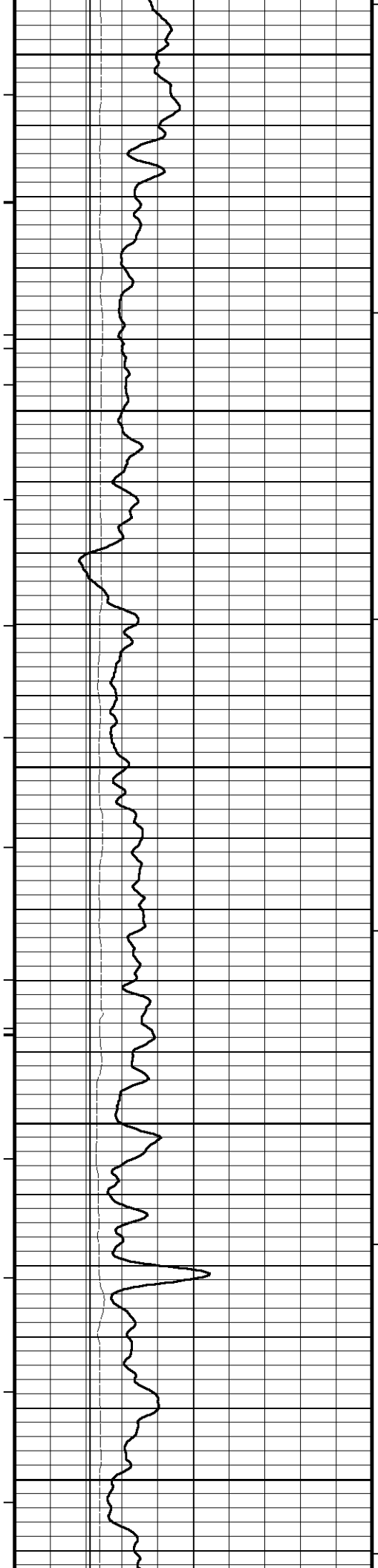
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6000
6050
6100

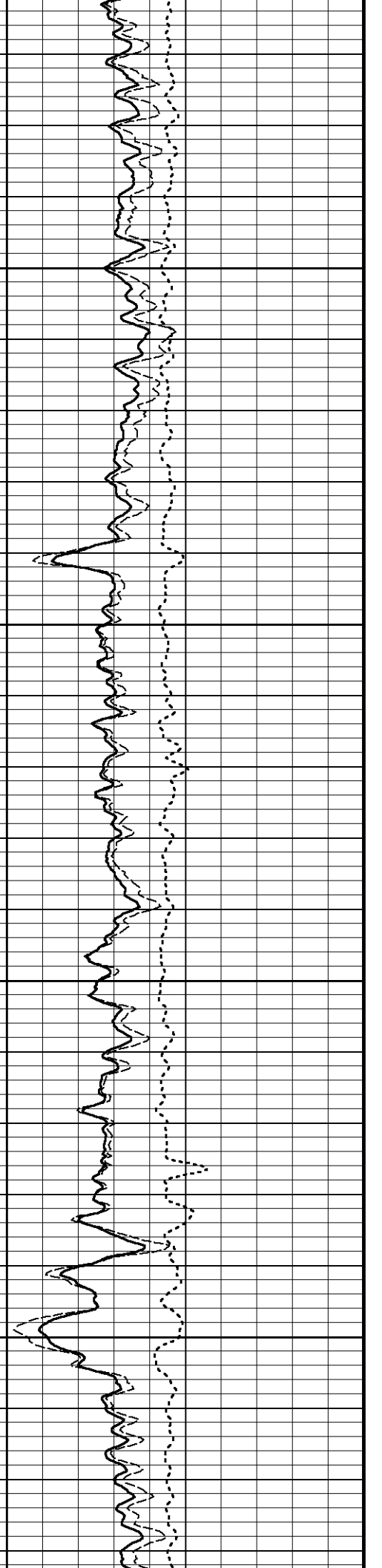
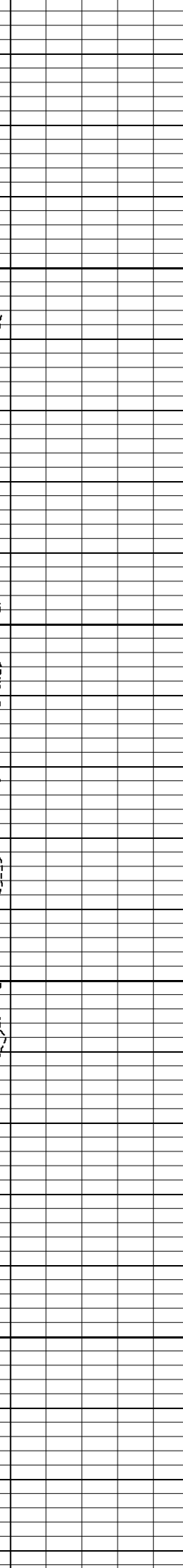
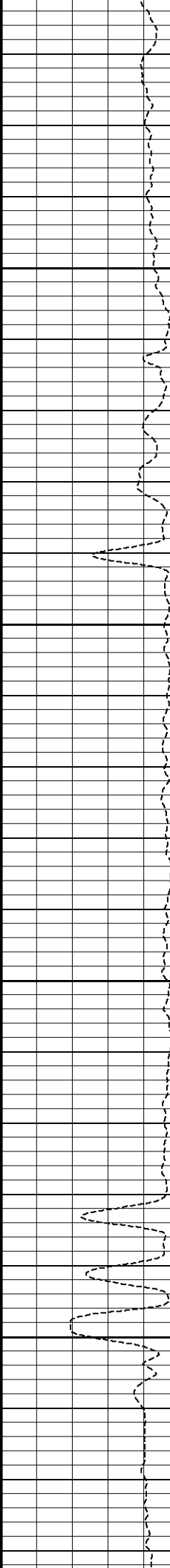
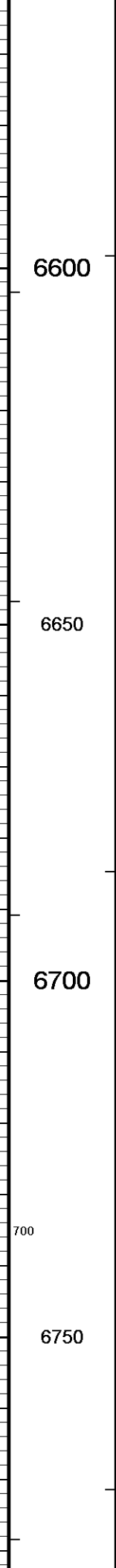
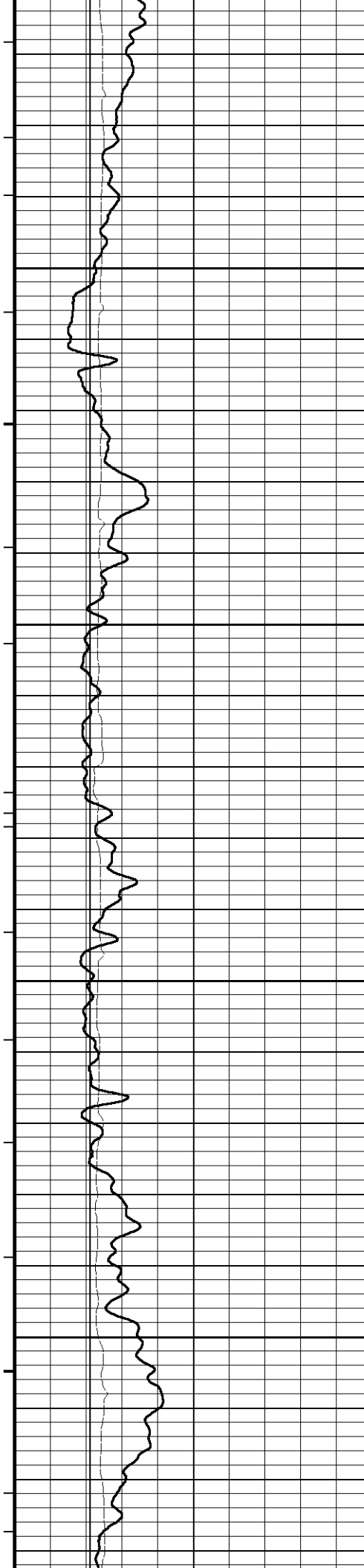


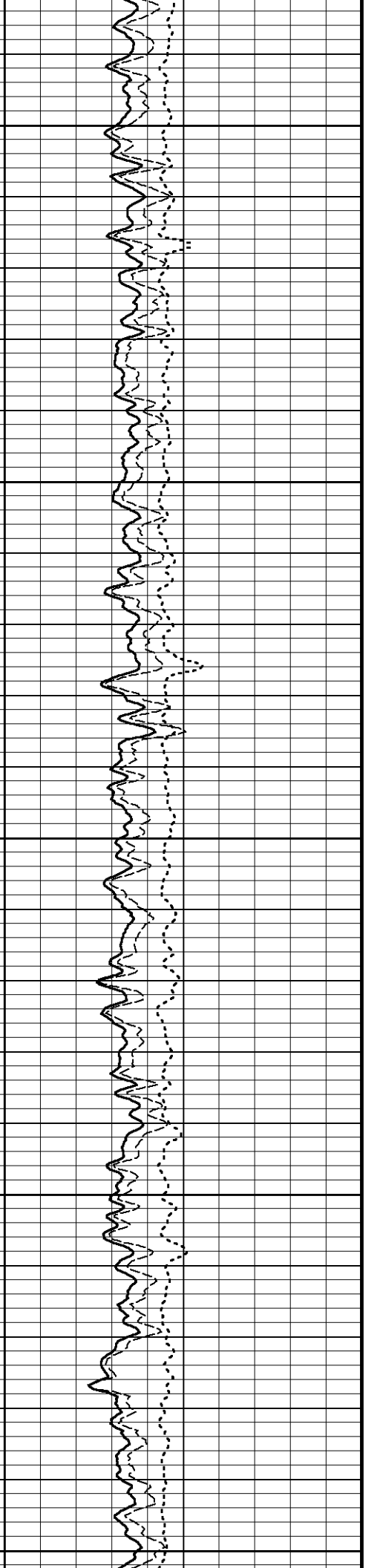
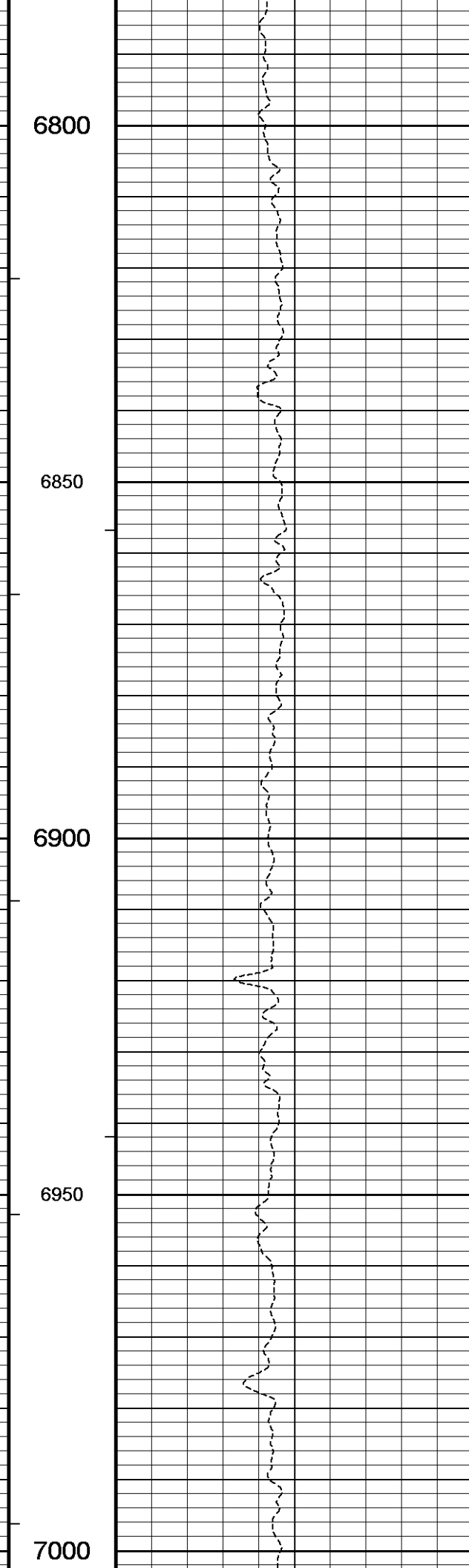
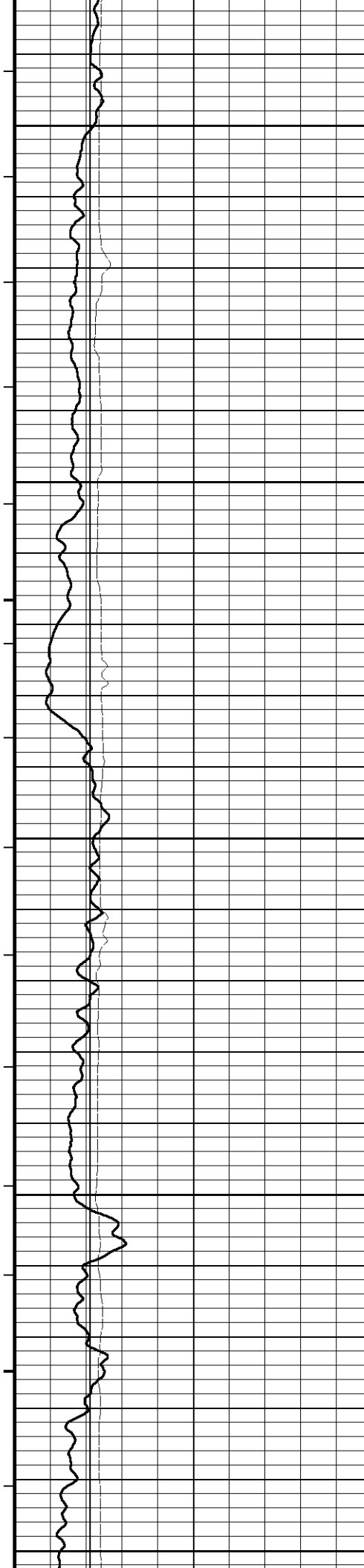


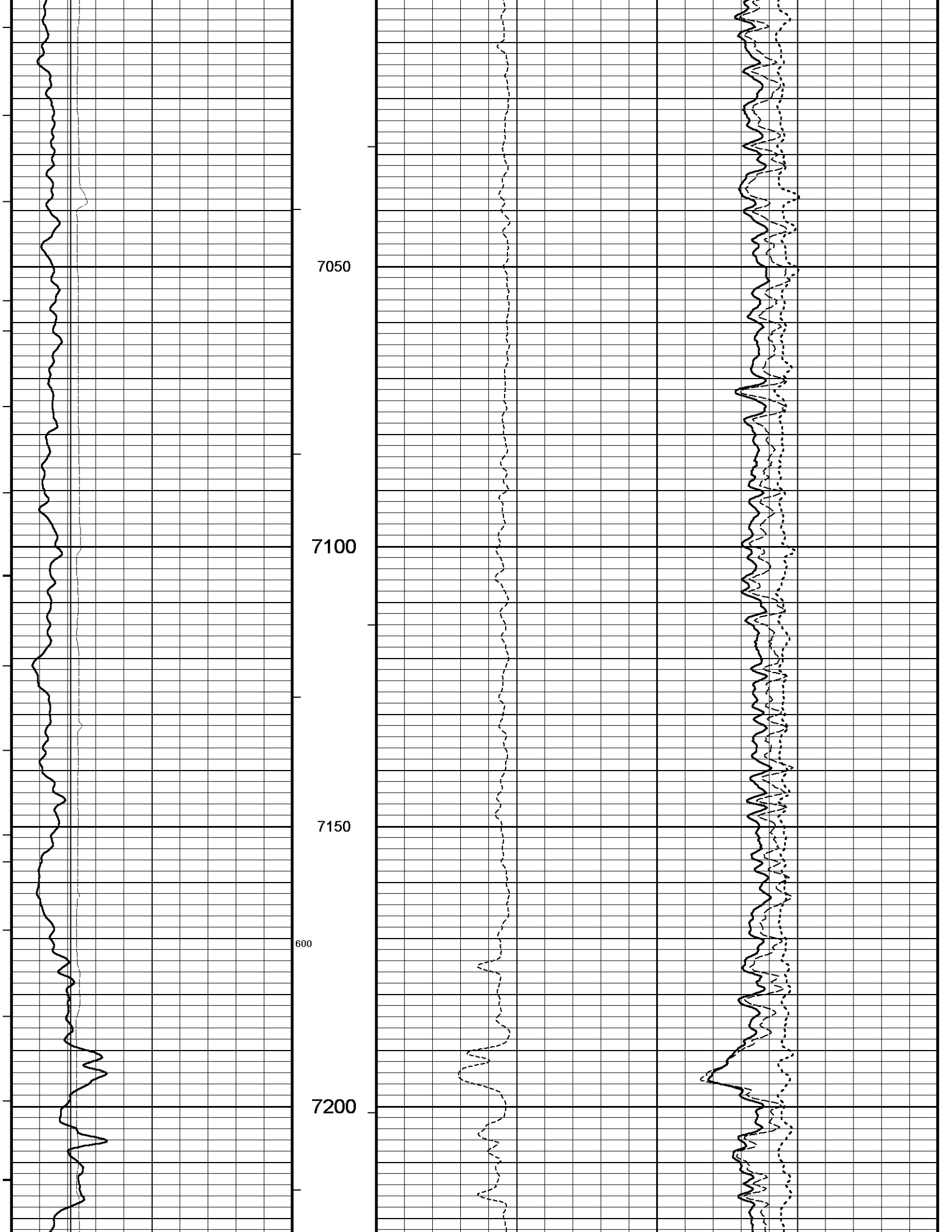
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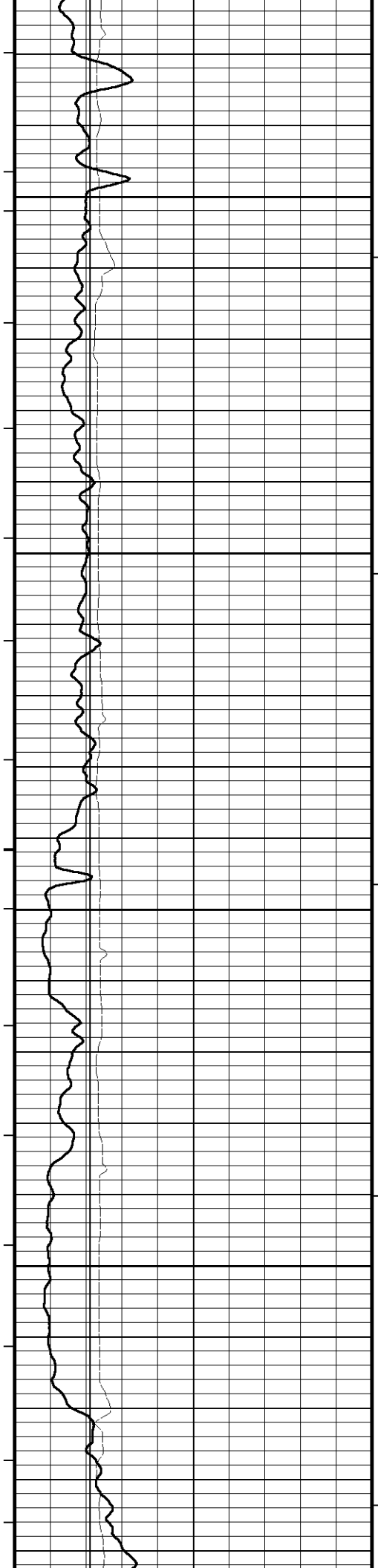












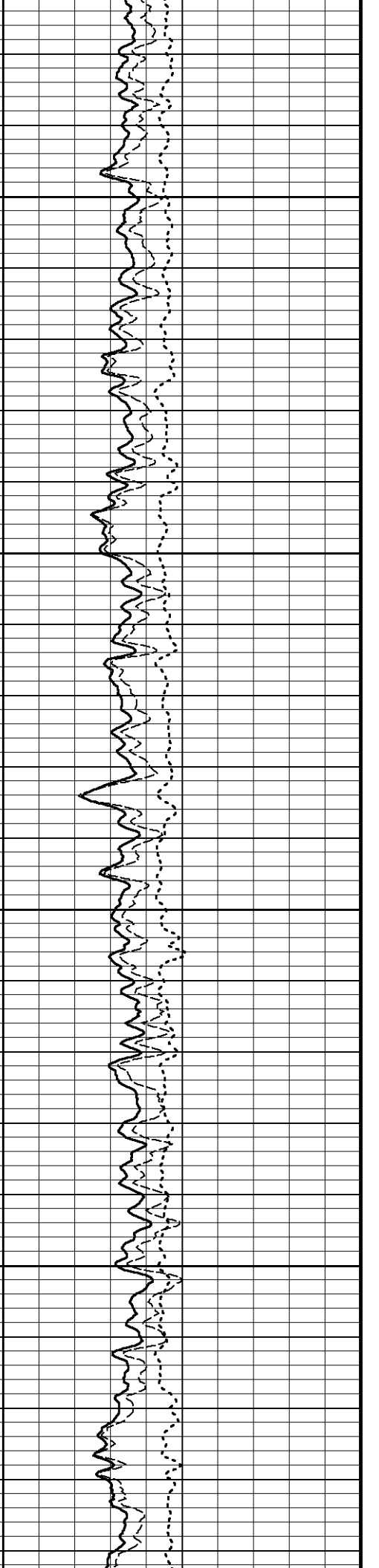
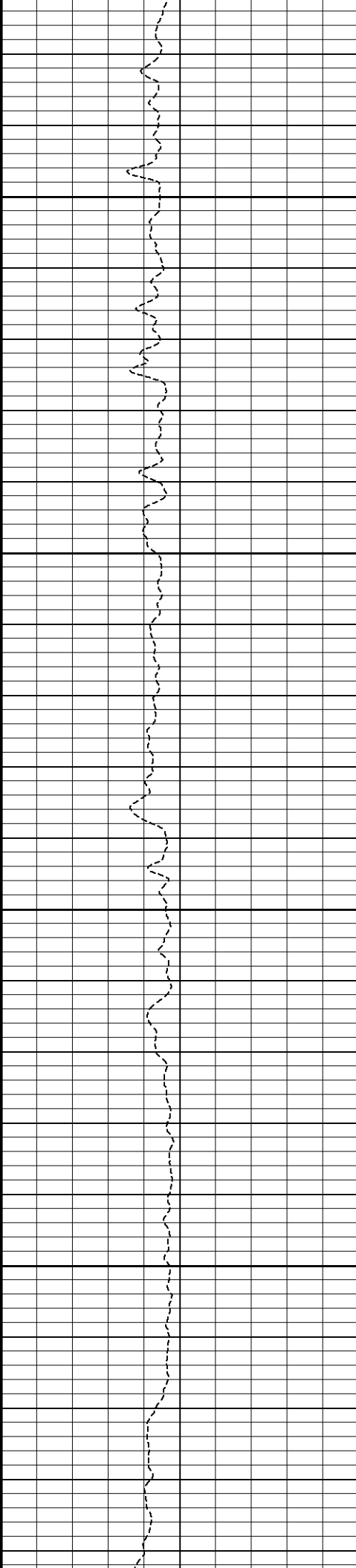
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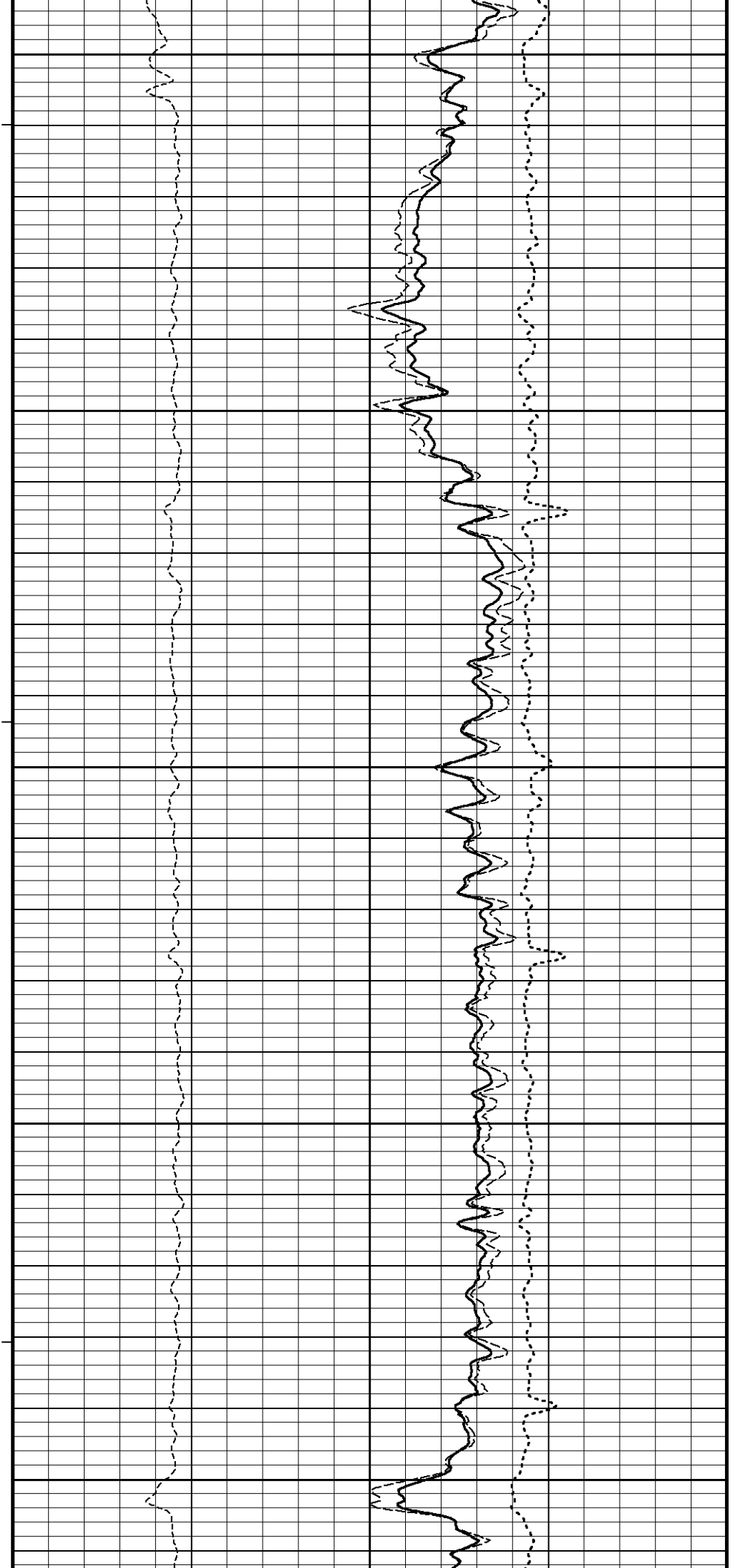
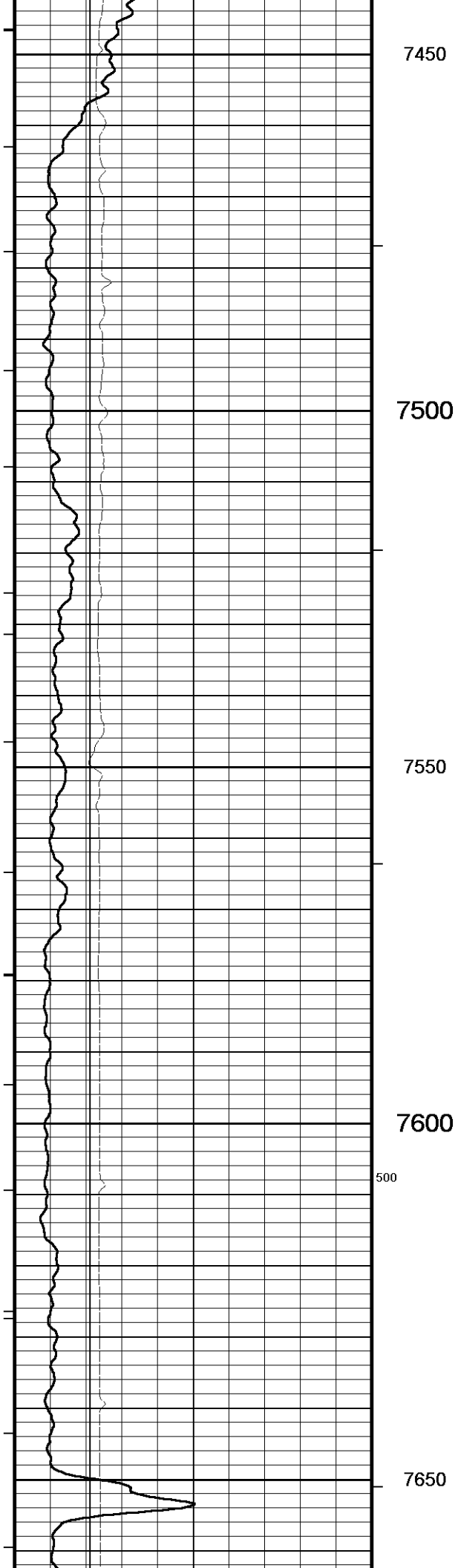
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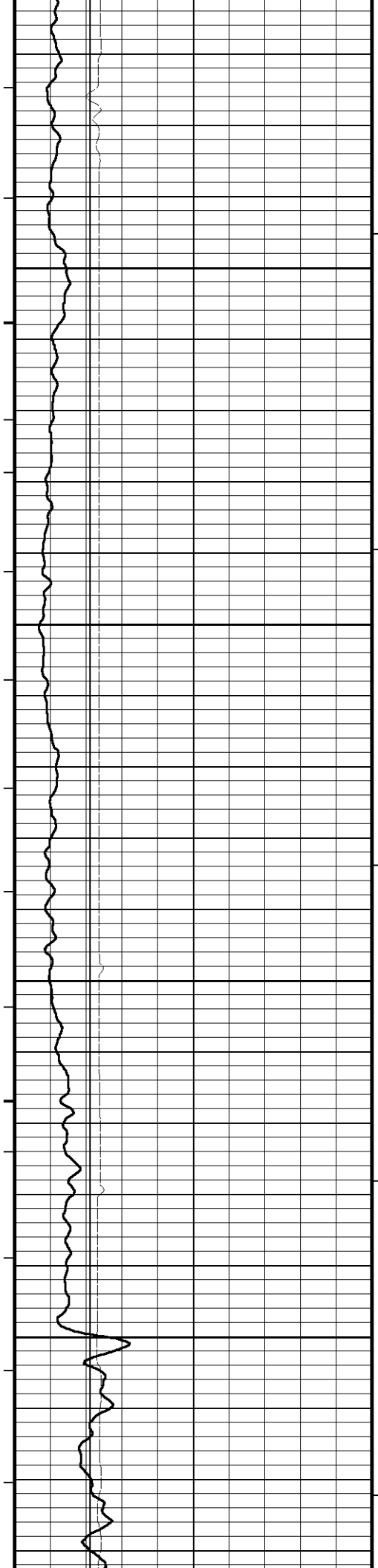
7300

7350

7400





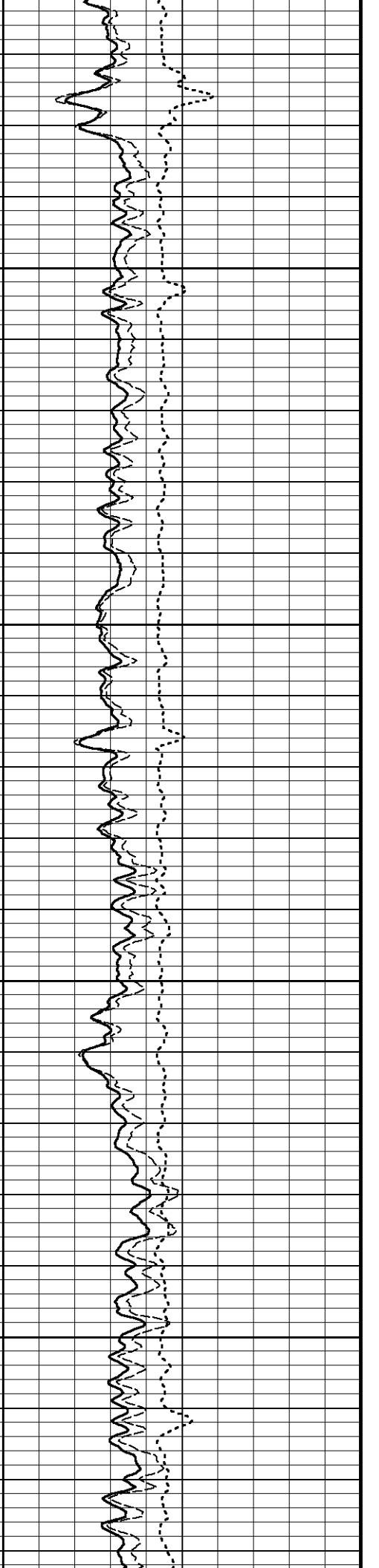
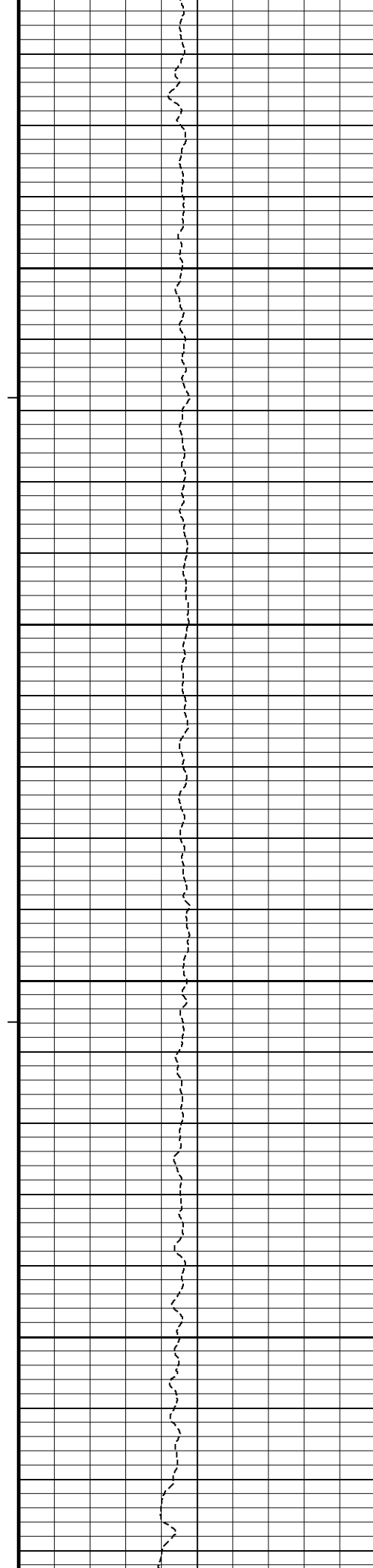


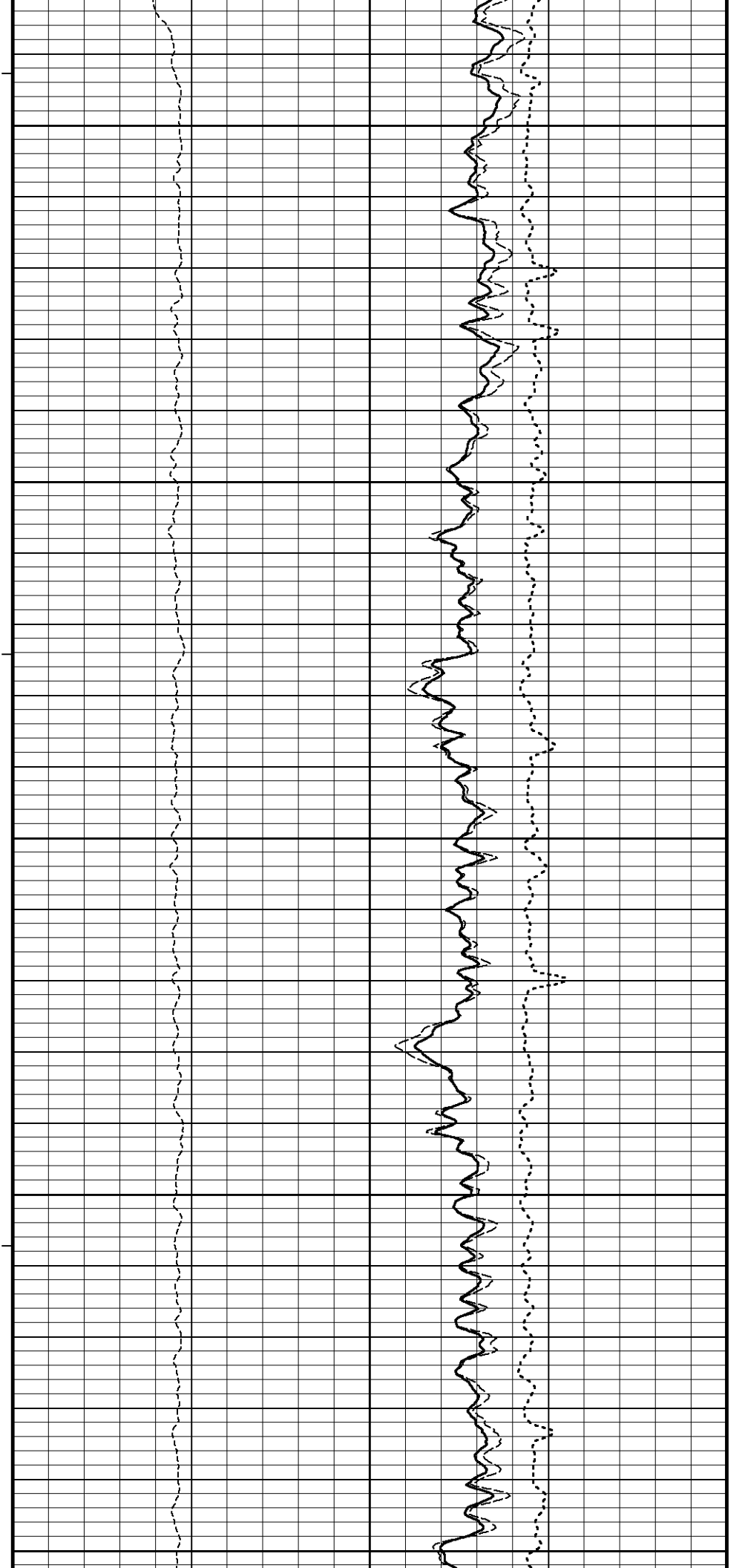
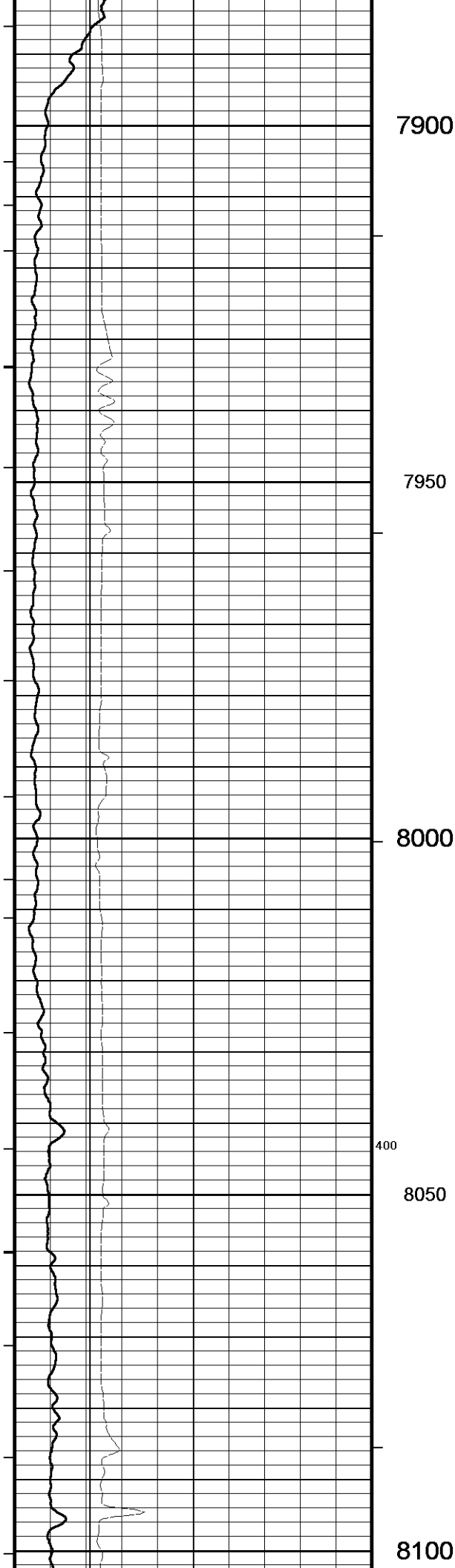
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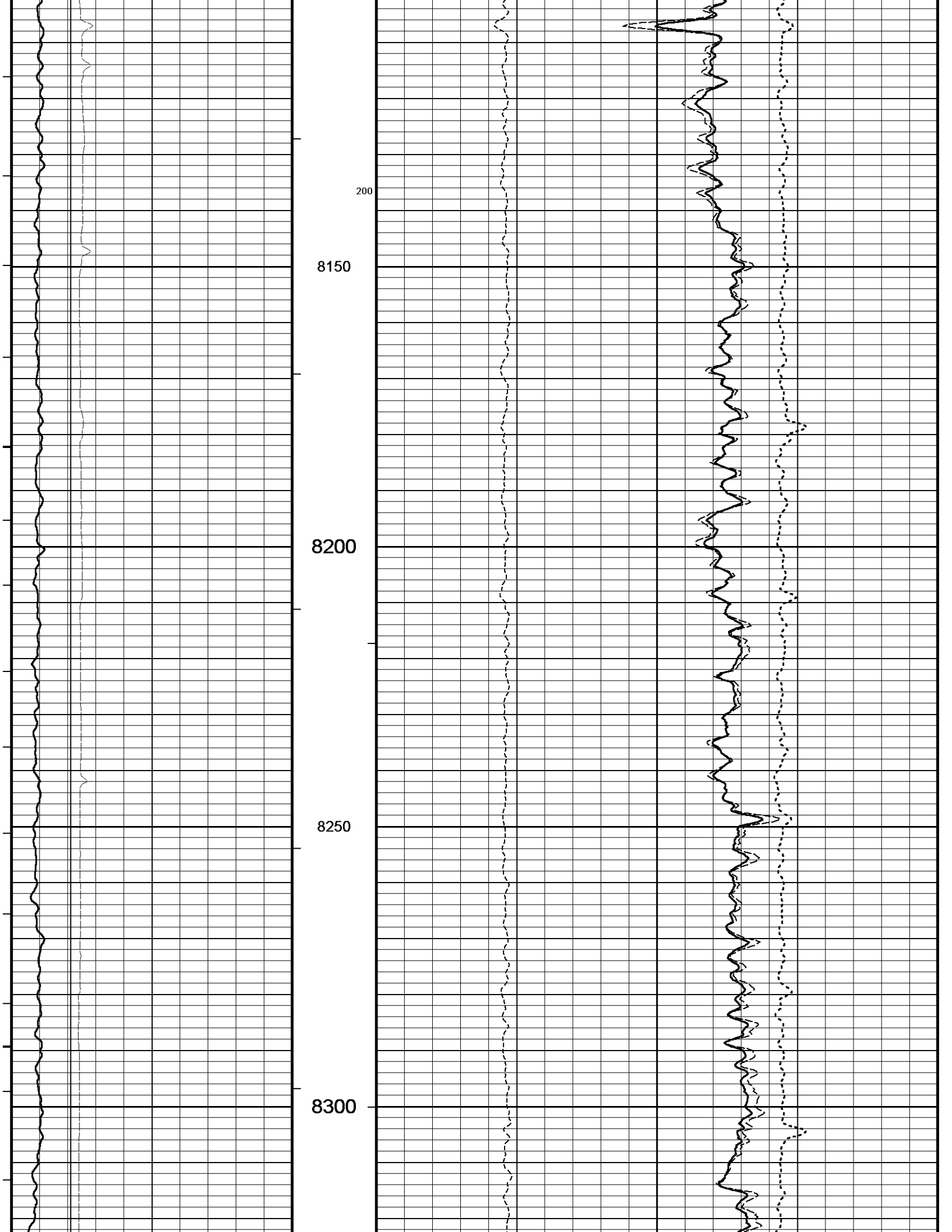
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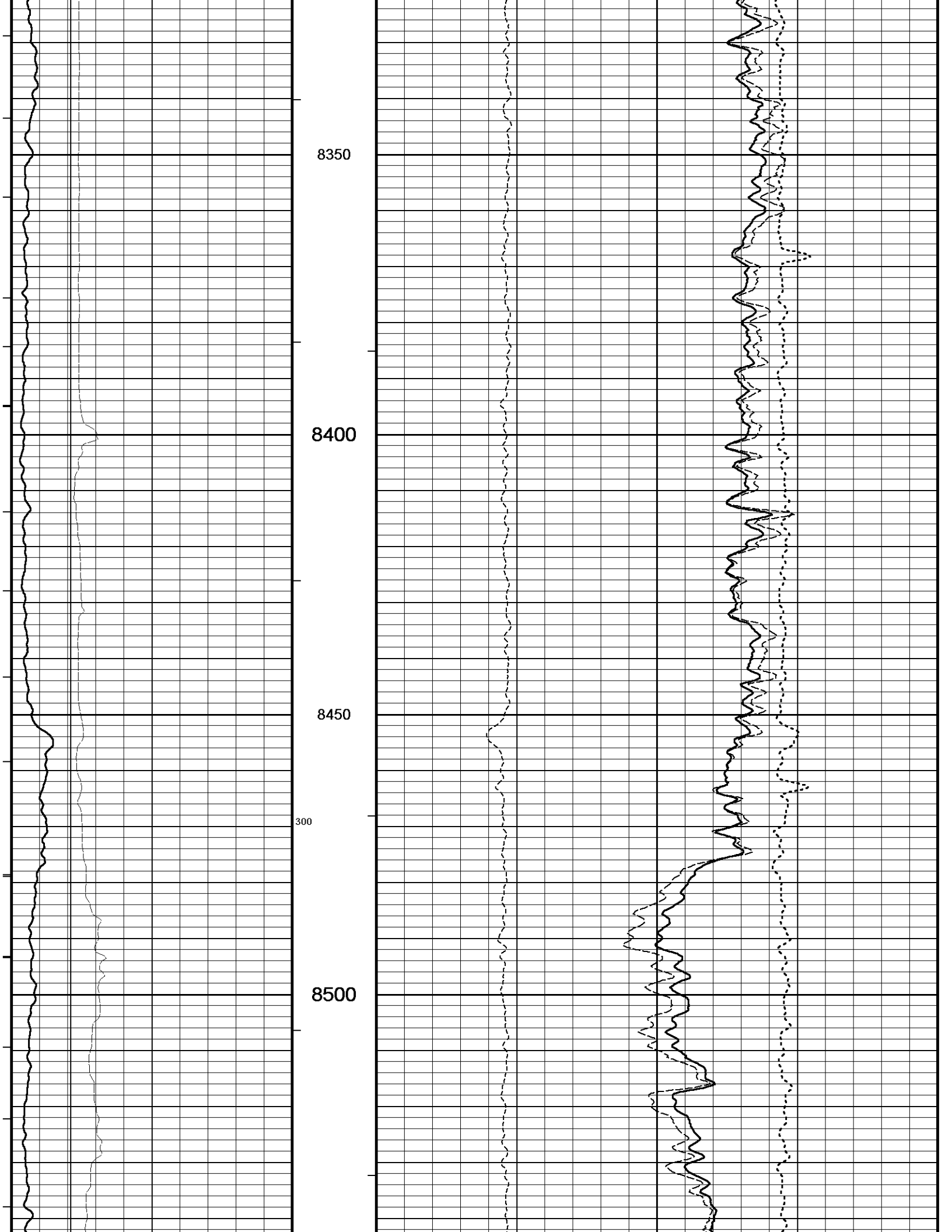
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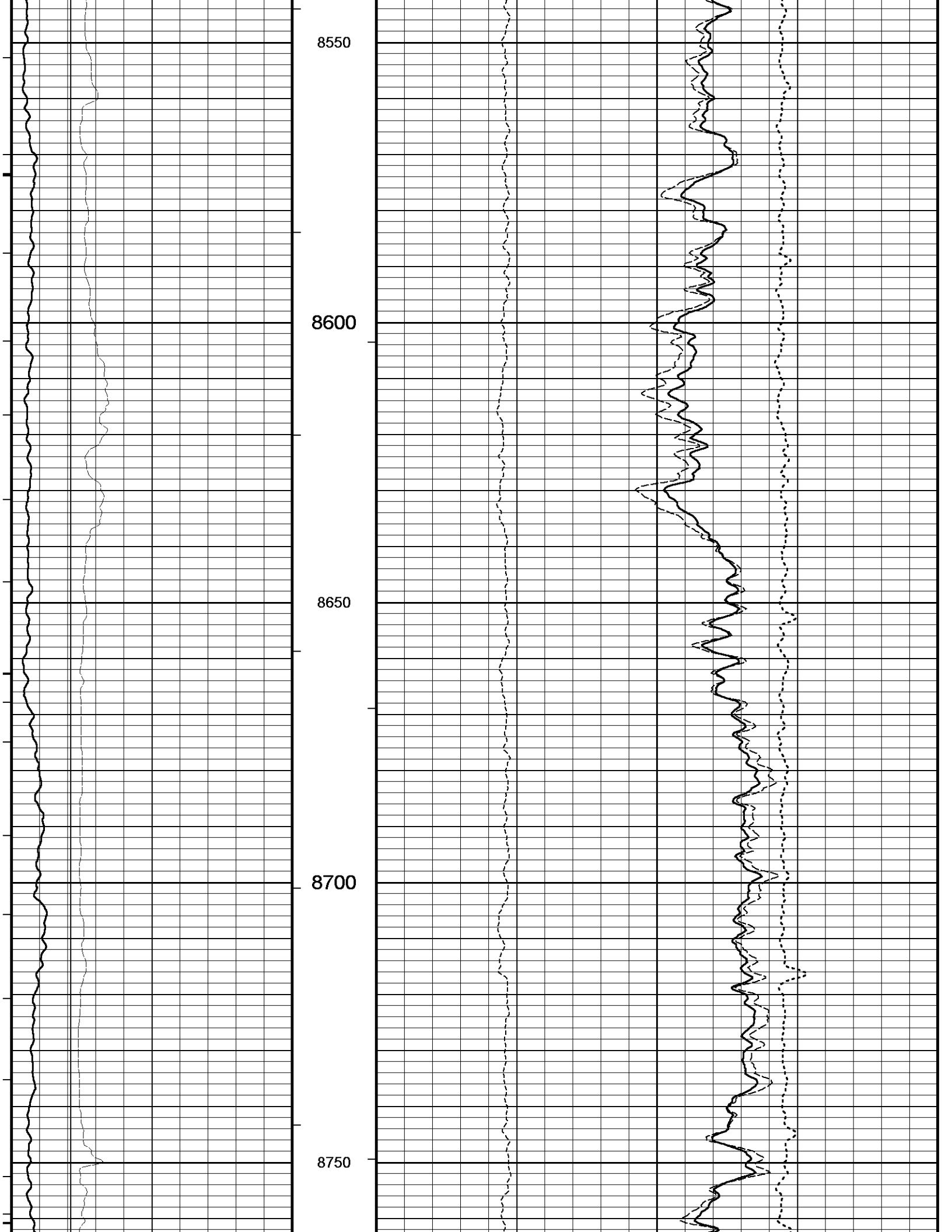
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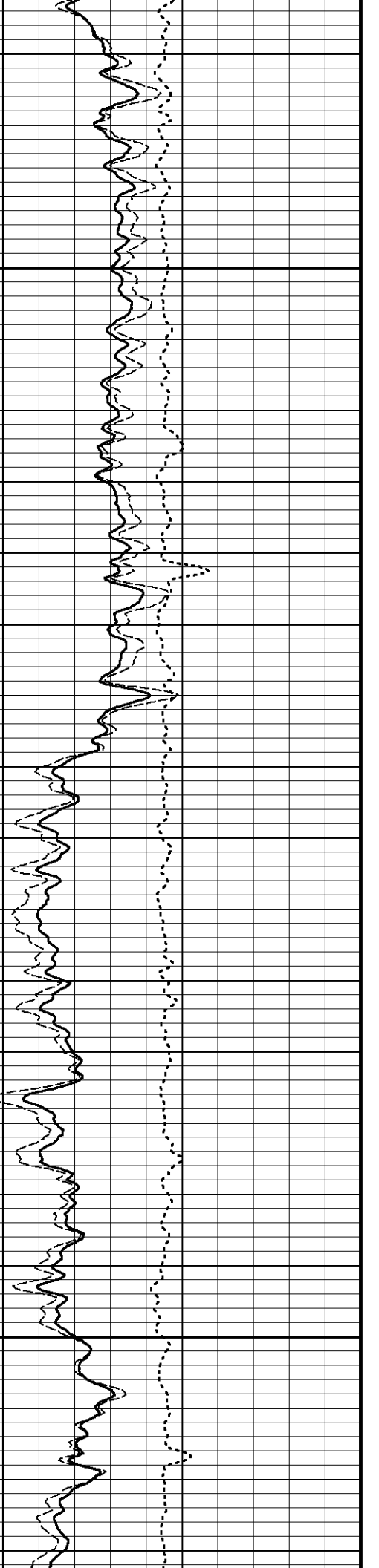
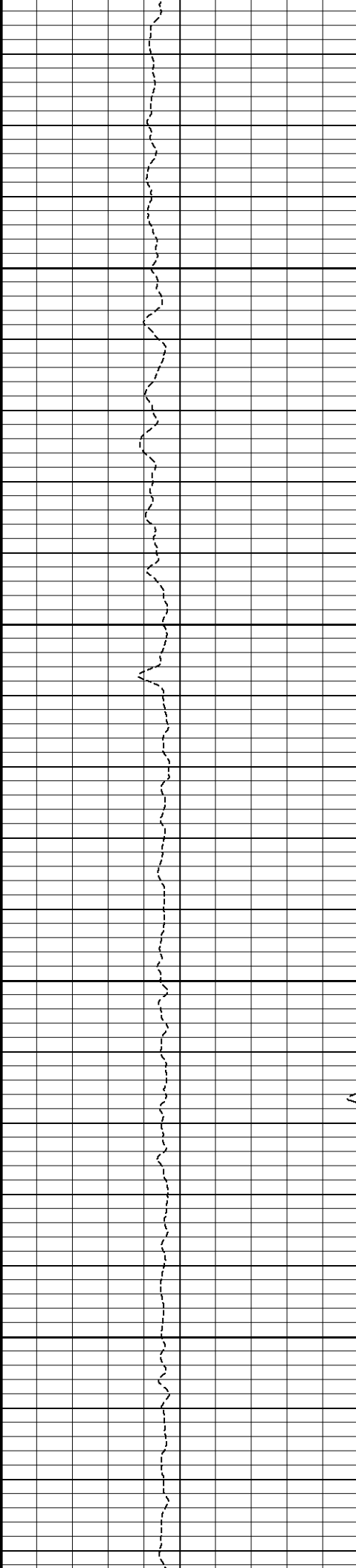
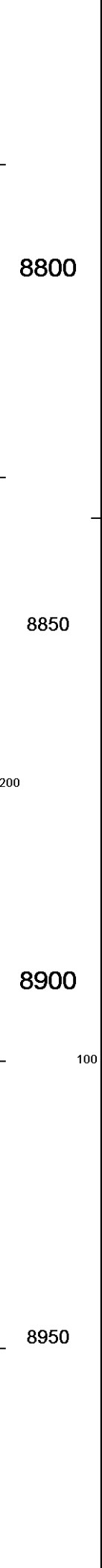
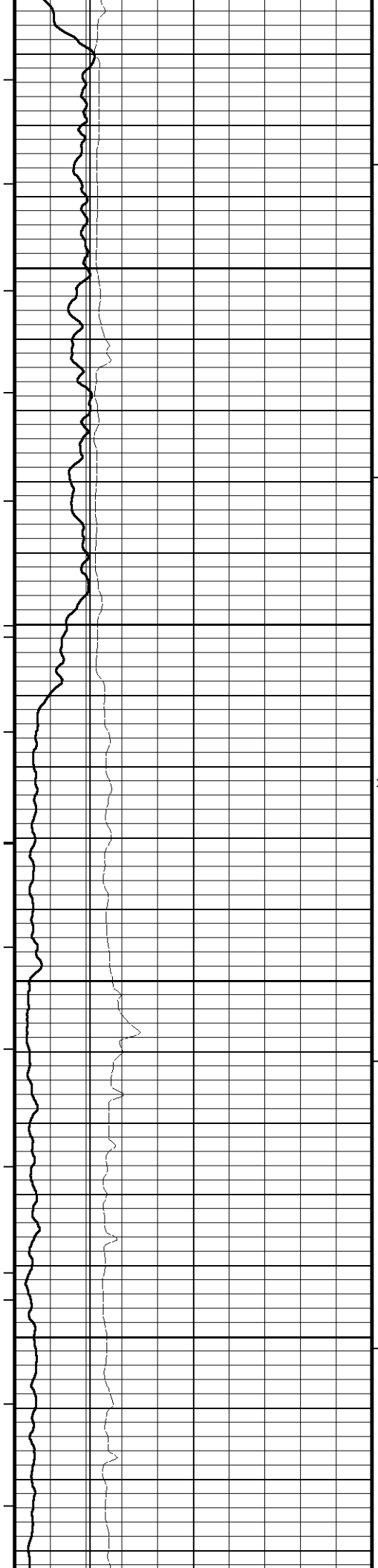


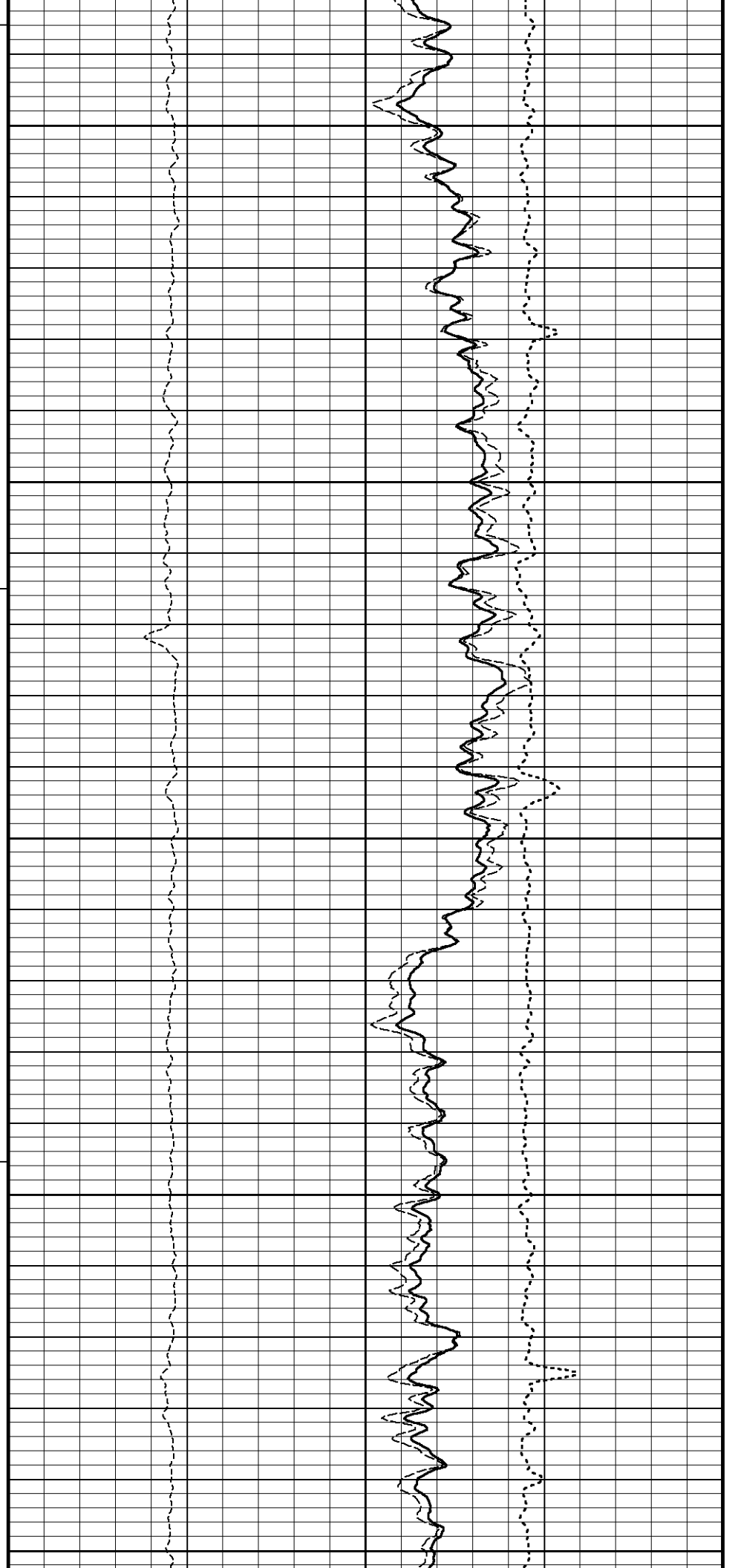
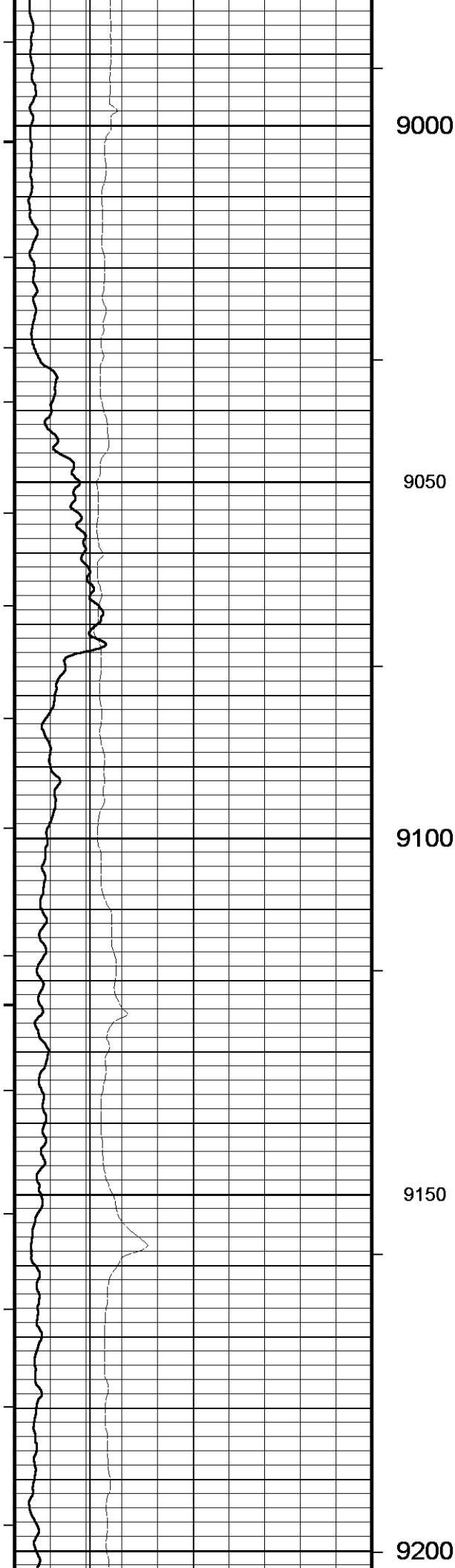


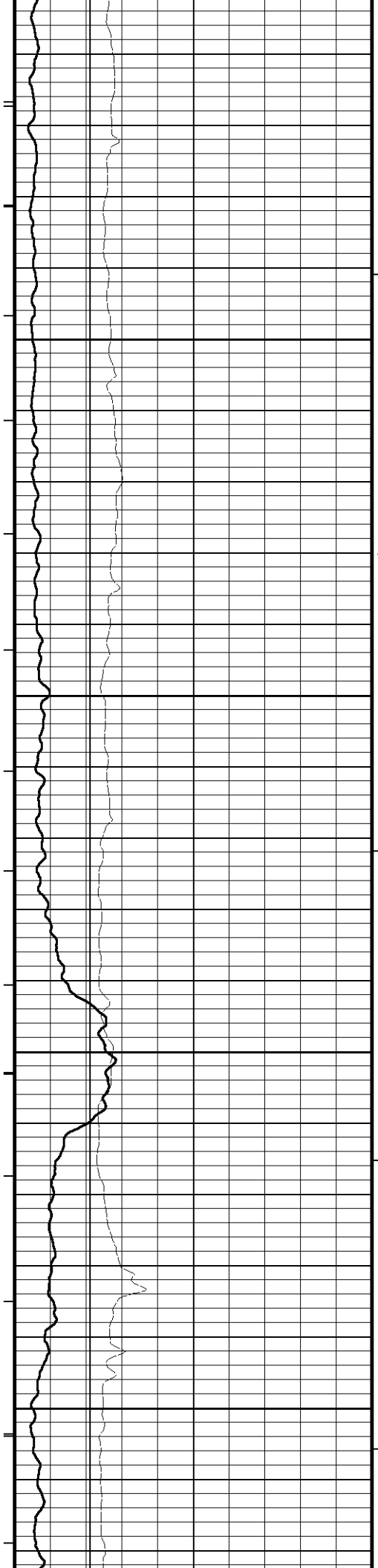




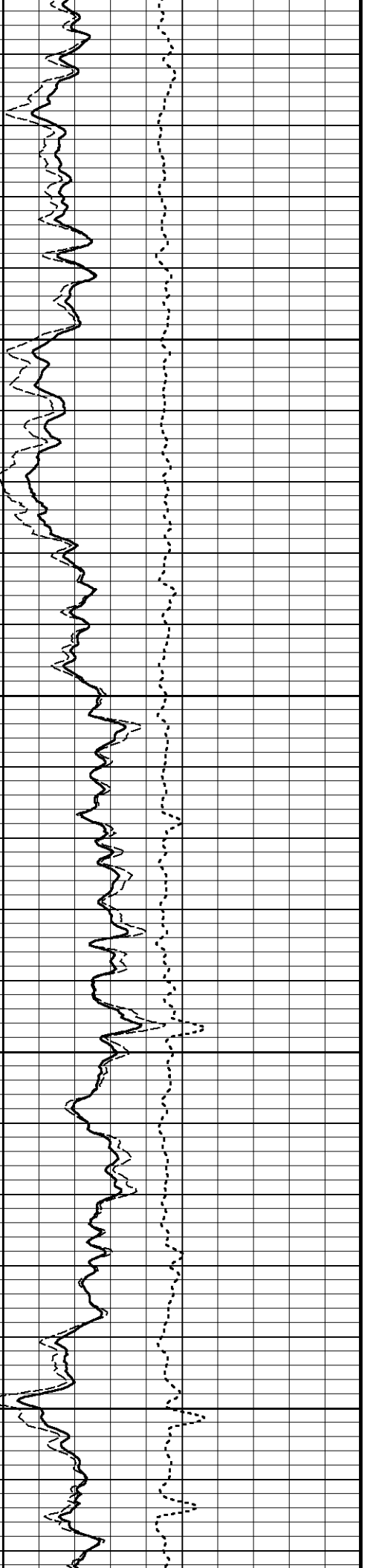
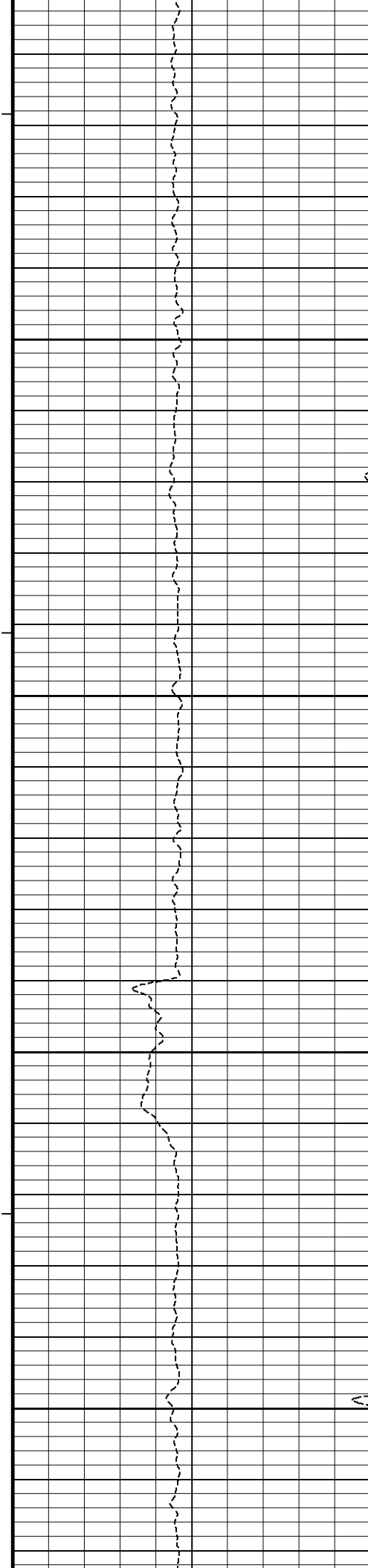


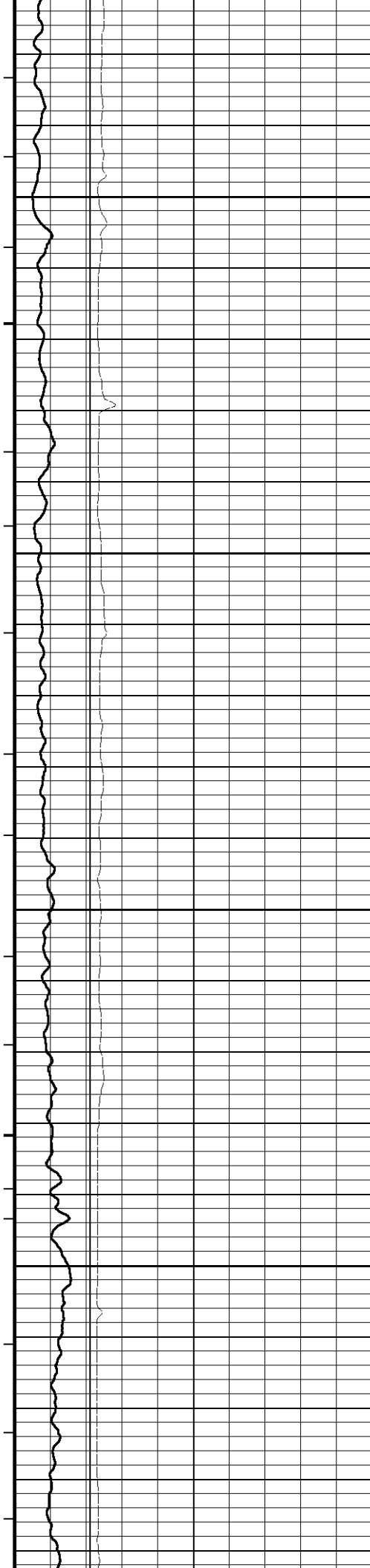






9250
100
9300
9350
9400



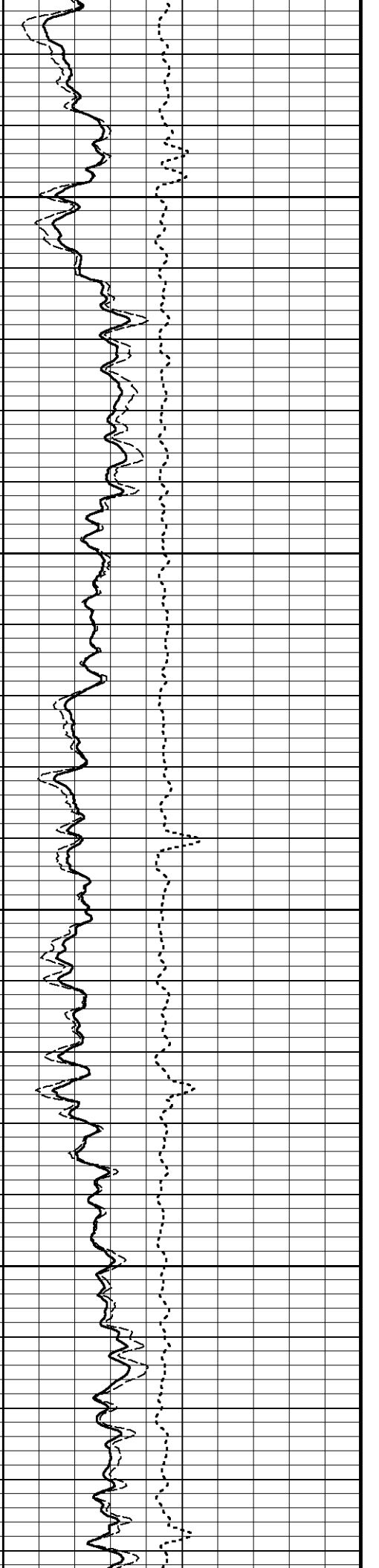
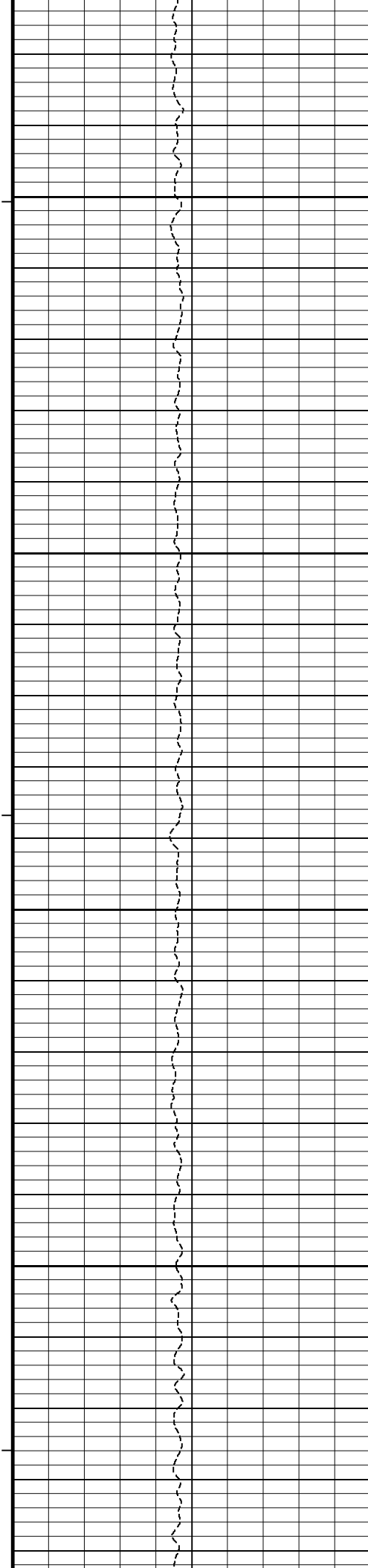


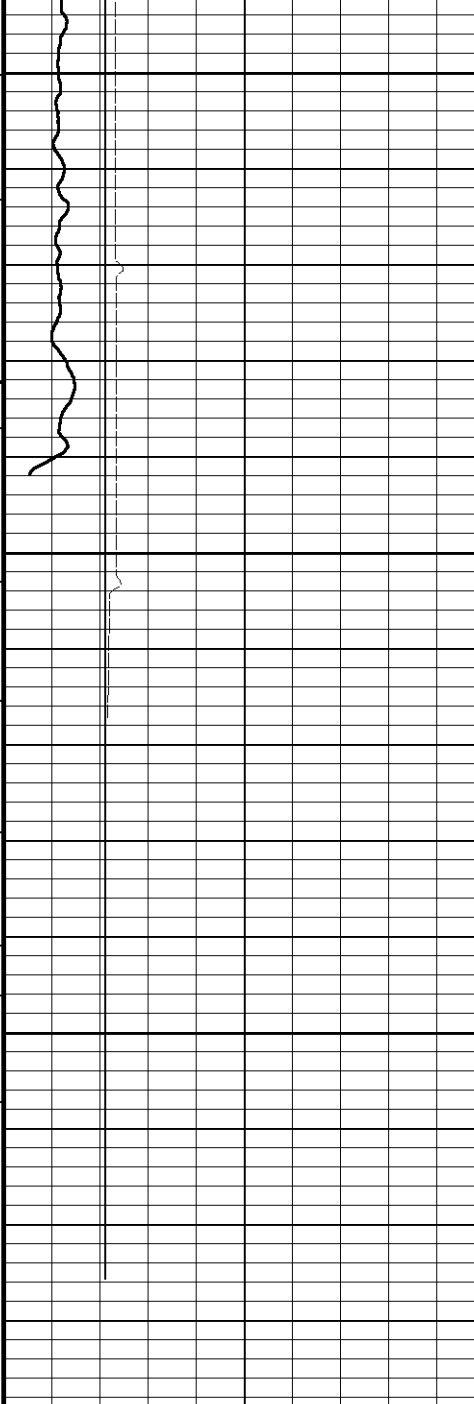
9450

9500

9550

9600





9650

9700

9750

9786

Depth
In
Feet

← Timing Marks
every 60.0 sec

Density Caliper
inches
4 9 14

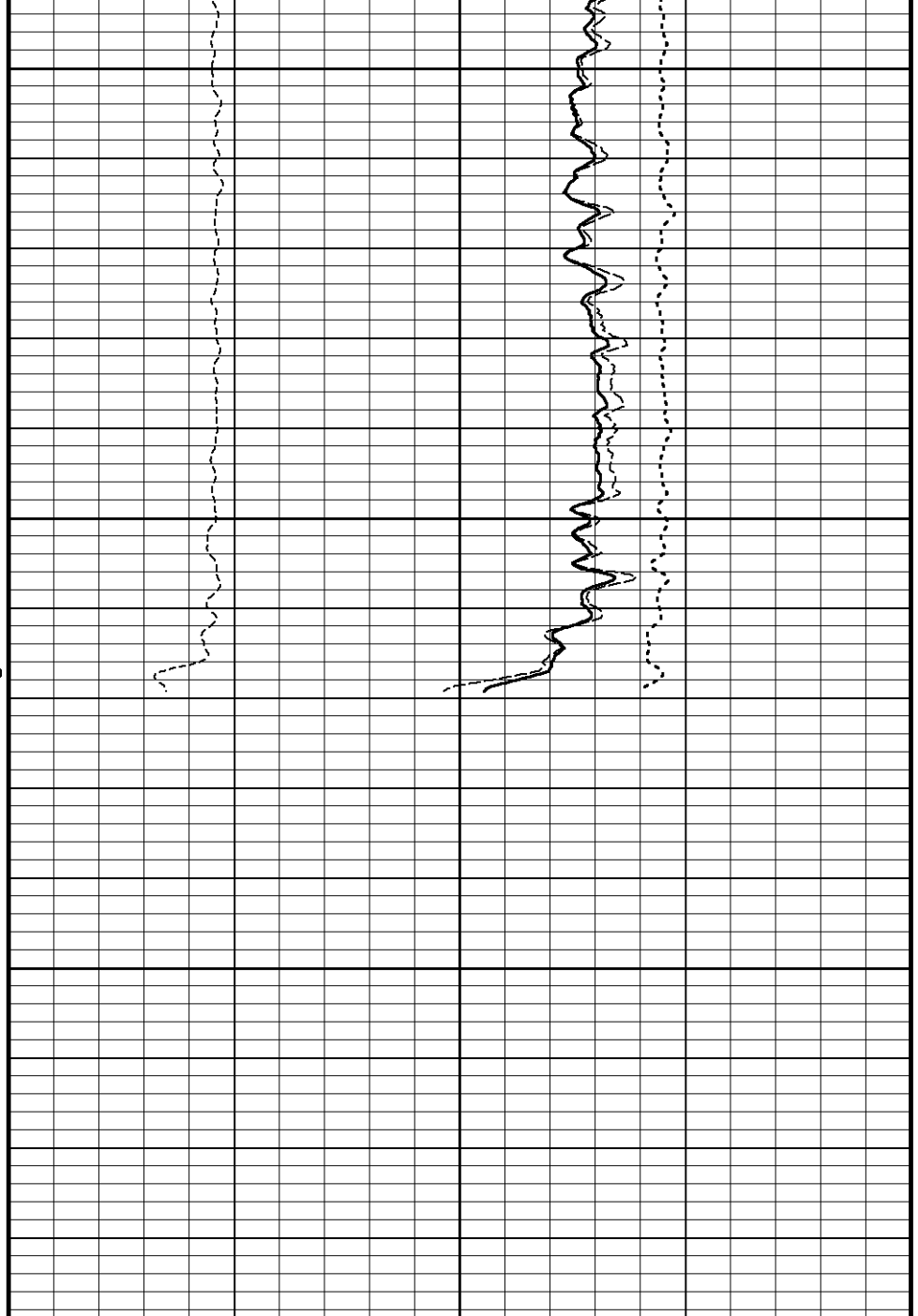
MGS Gamma Ray
API
0 75 150
150 225 300

Bit Size
inches

HVI
every
10 cu ft

Annular
Integral
every
10 cu ft

Replay



Compensated Density

grams/cc

2 2.25 2.50 2.75 3

Limestone Density Por.

percent

30 20 10 0 -10

PE
barns/electron

0 5 10

Density Correction
grams/cc

-0.25 0 0.25

BEFORE SURVEY CALIBRATION			
C:\DATA_13_04_8492\SANDRIDGE COACH 2925 1-26H\SANDRIDGE COACH 2925 1-26H RTAP DEPTH.dta			
General Constants All 000		Last Edited on 17-JAN-2013,20:24	
General Parameters			
Mud Resistivity	0.820	ohm-metres	
Mud Resistivity Temperature	62.000	degrees F	
Water Level	0.000	feet	
Borehole Fluid Processing	Wet Hole		
Hole/Annular Volume and Differential Caliper Parameters			
HVOL Method	Single Caliper		
HVOL Caliper 1	Density Caliper		
HVOL Caliper 2	N/A		
Annular Volume Diameter	4.500	inches	
Caliper for Differential Caliper	None		
Rwa Parameters			
Porosity used	Base Density Porosity		
Resistivity used	Array Ind. One Res Rt		
RWA Constant A	0.610		
RWA Constant M	2.150		

Strain Gauge Constants MMS-E.B 133					Last Edited on 07-DEC-2012,11:16			
Atmospheric Pressure		14.70		psi				
Serial Number		241946						
Calibration Date		09-JUL-08						
Base Check Date								
Dead Weight Serial Number		0						
Dead Weight Gravitational Correction		1.0						
Temperature	75.0		150.0		250.0		350.0 degrees F	
Pressure psia	Inc.	Dec.	Inc.	Dec.	Inc.	Dec.	Inc.	Dec.
0.0	0.069	0.073	0.062	0.063	0.042	0.042	0.021	0.021
3000.0	5.240	5.253	5.235	5.245	5.219	5.228	5.199	5.209
6000.0	10.422	10.442	10.421	10.439	10.408	10.425	10.388	10.406
9000.0	15.616	15.637	15.619	15.638	15.609	15.627	15.593	15.610
12000.0	20.827	20.839	20.834	20.843	20.828	20.838	20.815	20.823
15000.0	26.051		26.060		26.056		26.046	

MMS Parameters MMS-E.B 133		Last Edited on 16-JAN-2013 12:15	
Logging Parameters			
Firmware Version	2v40		
Caliper Open On	MAI		
Caliper Open Delay		minutes	
Caliper Closed On	Unknown		
Caliper Closed Delay	N/A	minutes	
Sample Rate	1.00	seconds	
Use Deep Sleep	No		
Delay Deep Sleep	N/A		
Deep Sleep Wake Time	N/A	minutes	
Deep Sleep Wake on Temperature	N/A		
Deep Sleep Wake Temperature	N/A	degrees C	
Deep Sleep Wake on Pressure	N/A		
Deep Sleep Wake Pressure	N/A	psi	
MMI Pad Pressure	8.0		

Release 1 parameters

Pulse Duration Base Level	10.0	seconds
Pulse Duration Transition Time	60.0	seconds
Pulse Duration Status Pulse From	20.0	seconds
Pulse Duration Caliper Close From	145.0	seconds
Pulse Duration Caliper Open From	150.0	seconds
Pulse Duration Release Pulse From	215.0	seconds
Pulse Duration Release Pulse To	280.0	seconds
Pulse Release Duration	240.0	seconds
Pulse Discriminator Pressure Band	1844.0	seconds
Pulse Pressure Discriminator	4220.0	seconds
Use Negative Pulsing	No	
Good Status Reply Open Hole	65535.0	seconds
Good Status Reply Cased Hole	20.0	seconds
Bad Status Reply	60.0	seconds
Status Pulse To	80.0	seconds
Caliper Close To		seconds
Caliper Open To	210.0	seconds

Configuration

MMS,MGS,MDN,MPD,MPD,MIM,MIE,MAI

SP Calibration MGS-C.J 142

Field Calibration on 14-JAN-2013,13:13

	Measured	Calibrated (mV)
Reference 1	100.0	100.0
Reference 2	-100.0	-100.0

High Resolution Temperature Calibration MGS-C.J 142

Field Calibration on 14-JAN-2013,13:13

	Measured	Calibrated(Deg F)
Lower	0.00	0.00
Upper	0.00	0.00

High Resolution Temperature Constants MGS-C.J 142

Last Edited on 14-JAN-2013,13:12

Pre-filter Length	11
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Gamma Calibration MGS-C.J 142

Field Calibration on 14-JAN-2013 13:12

	Measured	Calibrated (API)
Background	45	22
Calibrator (Gross)	1872	919
Calibrator (Net)	1826	897

Gamma Constants MGS-C.J 142

Last Edited on 15-JAN-2013,03:09

Gamma Calibrator Number	036	
Mud Density	1.01	gm/cc
Caliper Source for Processing	Density Caliper	
Tool Position	Eccentred	
Concentration of KCl	0.00	kppm

Neutron Calibration MDN-B.J 391

Base Calibration on 02-JAN-2013 14:51

Field Check on 14-JAN-2013 13:04

Base Calibration

	Measured		Calibrated (cps)	
	Near	Far	Near	Far
Ratio	3090	94	3714	110
	32.975		33.764	

Field Calibrator at Base

	Calibrated (cps)	
Ratio	2305	2968
	0.777	

Field Check

	Calibrated (cps)	
Ratio	2172	3286
	0.672	

Neutron Constants MDN-B.J 391

Last Edited on 14-JAN-2013,12:57

Neutron Source Id	N1055
Neutron Jig Number	N639

Epithermal Neutron	No	
Caliper Source for Processing	Density Caliper	
Stand-off	0.00	inches
Mud Density	1.01	gm/cc
Limestone Sigma	7.10	cu
Sandstone Sigma	4.26	cu
Dolomite Sigma	4.70	cu
Formation Pressure Source	Constant Value	
Formation Pressure	1.80	kpsi
Temperature Source	MGS External Temperature	
Temperature	N/A	degrees F
Mud Salinity	4.40	kppm
Salinity Correction	Not Applied	
Formation Fluid Salinity Source	None	
Formation Fluid Salinity	N/A	kppm
Barite Mud Correction	Not Applied	

Accelerometer Parameters MIE-A.A 209				
Date Of Last Accelerometer Calibration	22-NOV-2010,09:26			
	X Accelerometer	Y Accelerometer	Z Accelerometer	
Slope	-1.113214	-1.109979	-1.101653	
Offset	0.005467	0.005399	0.010368	

Accelerometer Constants MIE-A.A 209			Last Edited on 01-NOV-2012,11:04	
Accelerometer Calibrator Number		000		
Accelerometer Temperature Characterisation				
X Accelerometer				
Serial Number		826		
Calibration Date		18-Mar-2009		
	B0	B1	B2	B3
Bias(g)	0.00000e+000	2.32377e-005	-1.87334e-008	9.07324e-011
	SF0	SF1	SF2	SF3
Scale Factor(mA/g)	3.00000e+000	2.71389e-004	4.55326e-007	4.58364e-010
Y Accelerometer				
Serial Number		617		
Calibration Date		11-May-2008		
	B0	B1	B2	B3
Bias(g)	0.00000e+000	1.76675e-005	6.93464e-010	2.98691e-011
	SF0	SF1	SF2	SF3
Scale Factor(mA/g)	3.00000e+000	2.56882e-004	5.72598e-007	2.37496e-010
Z Accelerometer				
Serial Number		844		
Calibration Date		20-Mar-2009		
	B0	B1	B2	B3
Bias(g)	0.00000e+000	-1.21769e-005	-1.46867e-008	-6.44015e-011
	SF0	SF1	SF2	SF3
Scale Factor(mA/g)	3.00000e+000	2.73539e-004	4.65657e-007	2.88996e-010

Caliper Calibration MIE-A.A 209					Base Calibration on 01-NOV-2012 11:15
					Field Calibration on 28-DEC-2012 09:56
Base Calibration					
Reading No	Pads 1-5 Meas.	Pads 3-7 Meas.	Calibrator Size (in)		
1	27539	27183	5.96		
2	37417	37822	7.98		
3	47722	47889	9.94		
4	58629	58915	11.90		
5	0	0	0.00		
Reading No	Pad 2 Meas.	Pad 4 Meas.	Pad 6 Meas.	Pad 8 Meas.	Calibrator Size (in)
1	24721	25004	25023	25995	5.96
2	33682	34183	33040	34247	7.98
3	42423	42654	41565	43051	9.94
4	52069	52344	50876	52199	11.90
5	0	0	0	0	0.00
Field Calibration					
	Measured	Measured	Actual		

Pads 1-5 Caliper(in) 5.71		Pads 3-7 Caliper(in) 6.01		Caliper(in) 6.00	
Measured Pad 2 Caliper(in) 2.78		Measured Pad 4 Caliper(in) 3.21		Measured Pad 8 Caliper(in) 2.64	
				Actual Caliper(in) 6.00	
Caliper Constants MIE-A.A 209				Last Edited on 01-NOV-2012,11:04	
Caliper Difference for BRKT		0.120	inches		
Magnetometer Parameters MIE-A.A 209					
Date Of Last Magnetometer Calibration		31-JAN-2011,14:54			
Slope		X Magnetometer -1.000000	Y Magnetometer -1.013594	Z Magnetometer -1.010431	
Offset		0.007616	0.016371	0.012246	
Magnetometer Constants MIE-A.A 209				Last Edited on	
Magnetometer Calibrator Number		000			
Navigation Constants MIE-A.A 209				Last Edited on	
Magnetic Declination		0.00	degrees	East	
Compact Micro Imager Constants MIE-A.A 209				Last Edited on	
Sonde Configuration		Imager Mode			
Arm-Pad Kit		Normal Pads (12.25 in)			
Arm-Pad Kit Serial Number					
Centre Pad 1 Rotational Offset		0.00	degrees		
Image/Borehole Ovality Reference		Azimuth of Pad 1			
Non Active Buttons		Omit			
Search Angle		0.00	degrees		
Correlation Interval		1.00	metres		
Correlation Step		0.50	metres		
Current Offset		0.0000	mAmp		
Squasher Start		0.0500	mAmp		
Image Processing		Enabled			
High Resolution Temperature Calibration MAI-A.A 170				Field Calibration on 14-JAN-2013,12:49	
		Measured	Calibrated(Deg F)		
Lower		0.00	10.00		
Upper		100.00	100.00		
High Resolution Temperature Constants MAI-A.A 170				Last Edited on 14-JAN-2013,12:49	
Pre-filter Length		11			
Induction Calibration MAI-A.A 170				Base Calibration on 02-FEB-2012 17:42 Field Check on 14-JAN-2013 12:48	
Base Calibration					
Test Loop Calibration		Measured		Calibrated (mmho/m)	
Channel	Low	High	Low	High	
1	17.7	487.1	9.3	966.2	
2	6.2	384.7	7.6	821.4	
3	3.7	266.1	5.2	566.0	
4	2.2	136.5	2.6	279.2	
Array Temperature		72.1	Deg F		
Channel		Base Check (mmho/m)		Field Check (mmho/m)	
	Low	High	Low	High	
1	0.0	0.0	9.2	3748.6	
2	0.0	0.0	29.4	3527.1	
3	0.0	0.0	27.2	2995.5	
4	0.0	0.0	18.5	2041.4	
Deep			15.4	1904.2	
Medium			41.1	3979.3	
Shallow			45.5	5287.5	
Array Temperature		0.0	28.1	Deg F	

Induction Model		RtAP-WBM	
Caliper for Borehole Corr.		Bit Size	
Hole Size for Borehole Correction		N/A	inches
Tool Centred		No	
Stand-off Type		Fins	
Stand-off		0.50	inches
Number of Fins on Stand-off		6.0000	
Stand-off Fin Angle		60.00	degrees
Stand-off Fin Width		0.5000	inches
Borehole Corr. Rm Source	Temperature Corr		
Temp. for Rm Corr.	MGS External Temperature		
Squasher Start	0.0060	mhos/metre	
Squasher Offset	N/A	mhos/metre	
Borehole Normalisation			
DRM1	0.0000	DRC1	0.0000
DRM2	0.0000	DRC2	0.0000
MRM1	0.0000	MRC1	0.0000
MRM2	0.0000	MRC2	0.0000
SRM1	0.0000	SRC1	0.0000
SRM2	0.0000	SRC2	0.0000
Calibration Site Corrections			
Channel 1		0.00	mmhos/metre
Channel 2		0.00	mmhos/metre
Channel 3		0.00	mmhos/metre
Channel 4		0.00	mmhos/metre
Apparent Porosity and Water Saturation Constants			
Archie Constant (A)		1.00	
Cementation Exponent (M)		2.00	
Saturation Exponent (N)		2.00	
Saturation of Water for Apor		100.00	percent
Resistivity of Water for Apor and Sw		0.05	ohm-m
Resistivity of Mud Filtrate for Sw		0.00	ohm-m
Source for Rt		0.00	
Source for Rxo		0.00	

Caliper Calibration MPD-B 166

Base Calibration on 02-JAN-2013 13:59

Field Calibration on 04-JAN-2013 12:08

Base Calibration		
Reading No	Measured	Calibrator Size (in)
1	13888	4.02
2	22271	6.00
3	30944	8.03
4	38940	10.02
5	48352	12.01
6	N/A	N/A
Field Calibration		
	Measured Caliper (in)	Actual Caliper (in)
	5.79	5.96

Photo Density Calibration MPD-B 166

Base Calibration on 02-JAN-2013 13:48

Field Check on 09-JAN-2013 13:58

Density Calibration				
Base Calibration		Measured	Calibrated (sdu)	
	Near	Far	Near	Far
Reference 1	49795	21888	59869	31110
Reference 2	20626	2381	24557	2522
Field Check at Base				
	1172.4	1342.2		
Field Check				
	1176.3	1345.5		

PE Calibration

Base Calibration	Measured	Calibrated
------------------	----------	------------

Base Calibration	WS	WH	Ratio	Ratio
Background	212	1049		
Reference 1	20253	49611	0.413	0.369
Reference 2	5714	20492	0.283	0.271

Field Check at Base
211.9 1049.4

Field Check
215.1 1055.9

Density Constants MPD-B 166

Last Edited on 05-JAN-2013,01:11

Density Source Id	236	
Nylon Calibrator Number	633	
Aluminium Calibrator Number	633	
Density Shoe Profile	4 inch	
Caliper Source for Processing	Density Caliper	
PE Correction to Density	Not Applied	
Mud Density	1.01	gm/cc
Mud Density Z/A Multiplier	1.11	
Mud Filtrate Density	1.00	gm/cc
Dry Hole Mud Filtrate Density	1.00	gm/cc
DNCT	0.00	gm/cc
CRCT	0.00	gm/cc
Density Z/A Correction	Hybrid	
Matrix Density (gm/cc)	Depth (ft)	
2.71	0.00	
0.00	0.00	
0.00	0.00	
0.00	0.00	
0.00	0.00	
0.00	0.00	
0.00	0.00	
0.00	0.00	

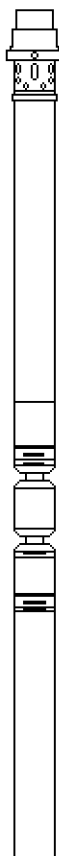
DOWNHOLE EQUIPMENT

C:\DATA_13_04_8492\SANDRIDGE COACH 2925 1-26H\SANDRIDGE COACH 2925 1-26H RTAP DEPTH.dta

Shuttle Running Tool 3.5")
SRT-A.A 69 LG: 6.62 ft WT: 37.5 lb OD: 2.52 in

SKJ-E.B Compact Knuckle Joint
SKJ-E.B 472 LG: 2.17 ft WT: 24.3 lb OD: 2.24 in

Spacer
MLK-A 2 LG: 14.23 ft WT: 30.9 lb OD: 2.24 in



Spacer

MLK-A 3 LG: 14.23 ft WT: 30.9 lb OD: 2.24 in

MBS-G.A 200v Compact Battery Sub

MBS-G.A 119 LG: 17.06 ft WT: 123.5 lb OD: 2.24 in

Compact Memory Sub E.B

MMS-E.B 133 LG: 5.20 ft WT: 37.5 lb OD: 2.24 in

Compact Tool Isolator sub.

MTI-B.A 76 LG: 1.54 ft WT: 13.2 lb OD: 2.24 in

Compact Short Gamma

MGS-C.J 142 LG: 3.41 ft WT: 24.3 lb OD: 2.24 in

83.57 ft GRGM - MGS Gamma Ray

81.59 ft GSXT - MGS External Temperature

Compact Collar Locator

MCL-B.J 63 LG: 3.17 ft WT: 26.5 lb OD: 2.24 in

SKJ-E.B Compact Knuckle Joint
SKJ-E.B 479 LG: 2.17 ft WT: 24.3 lb OD: 2.24 in

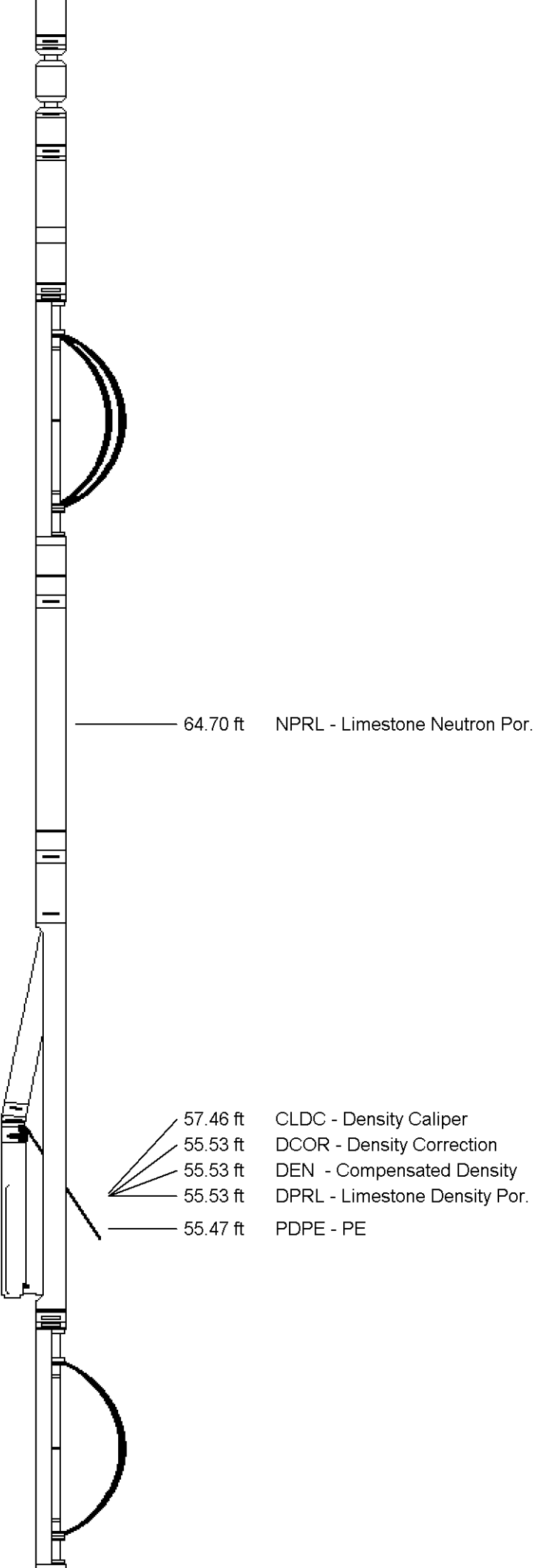
SHA-J.A Compact Swivel Head Adaptor
SHA-J.A 451 LG: 2.30 ft WT: 22.0 lb OD: 2.24 in

MIS-D.B Compact Inline Bowspring sub
MIS-D.B 608 LG: 5.70 ft WT: 33.1 lb OD: 2.24 in

Compact Neutron
MDN-B.J 391 LG: 5.04 ft WT: 50.7 lb OD: 2.24 in

Compact Density/Caliper
MPD-B 166 LG: 9.59 ft WT: 90.4 lb OD: 2.24 in

MIS-D.B Compact Inline Bowspring sub
MIS-D.B 607 LG: 5.70 ft WT: 33.1 lb OD: 2.24 in



SHA-J.A Compact Swivel Head Adaptor
SHA-J.A 438 LG: 2.30 ft WT: 22.0 lb OD: 2.24 in

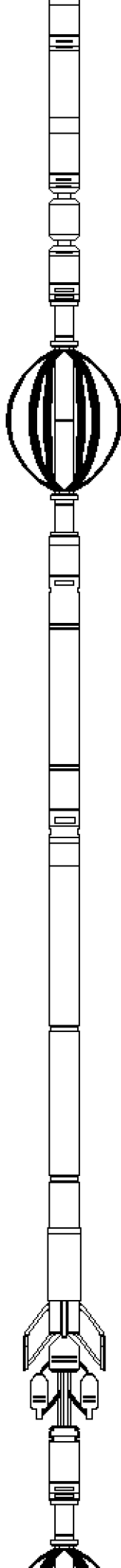
SKJ-E.B Compact Knuckle Joint
SKJ-E.B 478 LG: 2.17 ft WT: 24.3 lb OD: 2.24 in

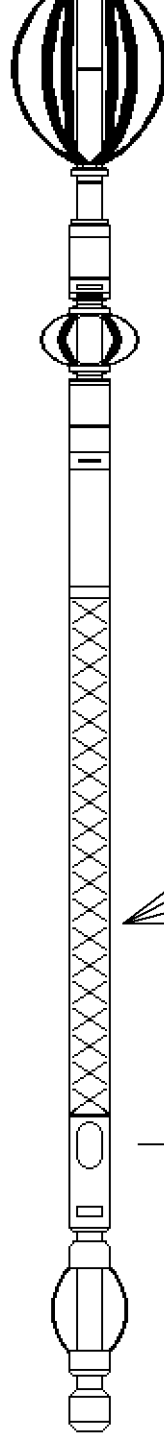
MIS-D.B Compact Inline Bowspring sub
MIS-D.B 593 LG: 5.70 ft WT: 33.1 lb OD: 2.24 in

Compact MMI Memory Section
MIM-B.A 251 LG: 4.65 ft WT: 26.5 lb OD: 2.24 in

Compact MMI Electrode Section
MIE-A.A 209 LG: 13.96 ft WT: 99.2 lb OD: 4.09 in

MIS-D.A Compact Inline Bowspring sub
MIS-D.A 285 LG: 5.70 ft WT: 33.1 lb OD: 2.24 in





MIS-E.B Compact Inline Standoff sub
MIS-E.B 597 LG: 2.14 ft WT: 15.4 lb OD: 2.24 in

Compact Induction
MAI-A.A 170 LG: 12.52 ft WT: 48.5 lb OD: 2.24 in

3.34 ft R40S - Array Ind. Six Res 40
3.34 ft R60S - Array Ind. Six Res 60
3.34 ft R85S - Array Ind. Six Res 85
3.34 ft RTAS - Array Ind. Six Res Rt

Tool Zero (1.84ft from bottom)

Total Length: 147.25 ft Weight: 903.9 lb All measurements relative to tool zero.

COMPANY	SANDRIDGE ENERGY
WELL	COACH 2925 1-26H
FIELD	MINELOA
PROVINCE/COUNTY	FORD
COUNTRY/STATE	U.S.A. / KANSAS

Elevation Kelly Bushing	2608.00	feet	First Reading	9709.00	feet
Elevation Drill Floor	2608.00	feet	Depth Driller	9790.00	feet
Elevation Ground Level	2588.00	feet	Depth Logger	9790.00	feet



Weatherford®

CML MESSENGER SHUTTLE
COMPACT PHOTO DENSITY
COMPENSATED NEUTRON LOG

