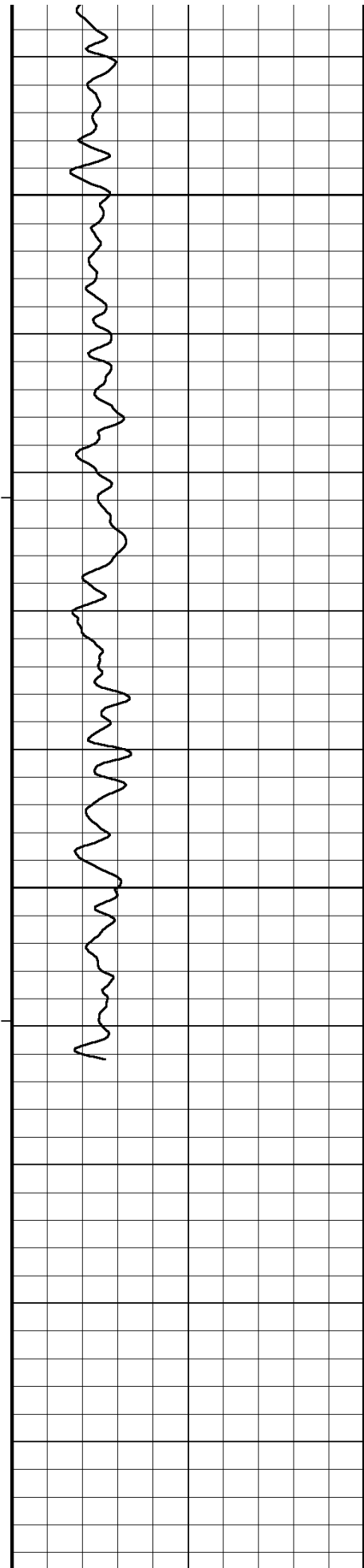


employees. These interpretations are also subject to our general terms and conditions in our price schedule.  
 any loss, costs, damages or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or  
 or correctness of any interpretations, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for  
 All interpretations are opinions based on inferences from electrical or other measurements and we cannot, and do not, guarantee the accuracy

13) CREW: B MOSS, G SYMES, B GOODMAN, K TUCIEER  
 14) TOTAL ANNULAR VOLUME WITH 2 INCH CASING = 18.0 CU.M.



80

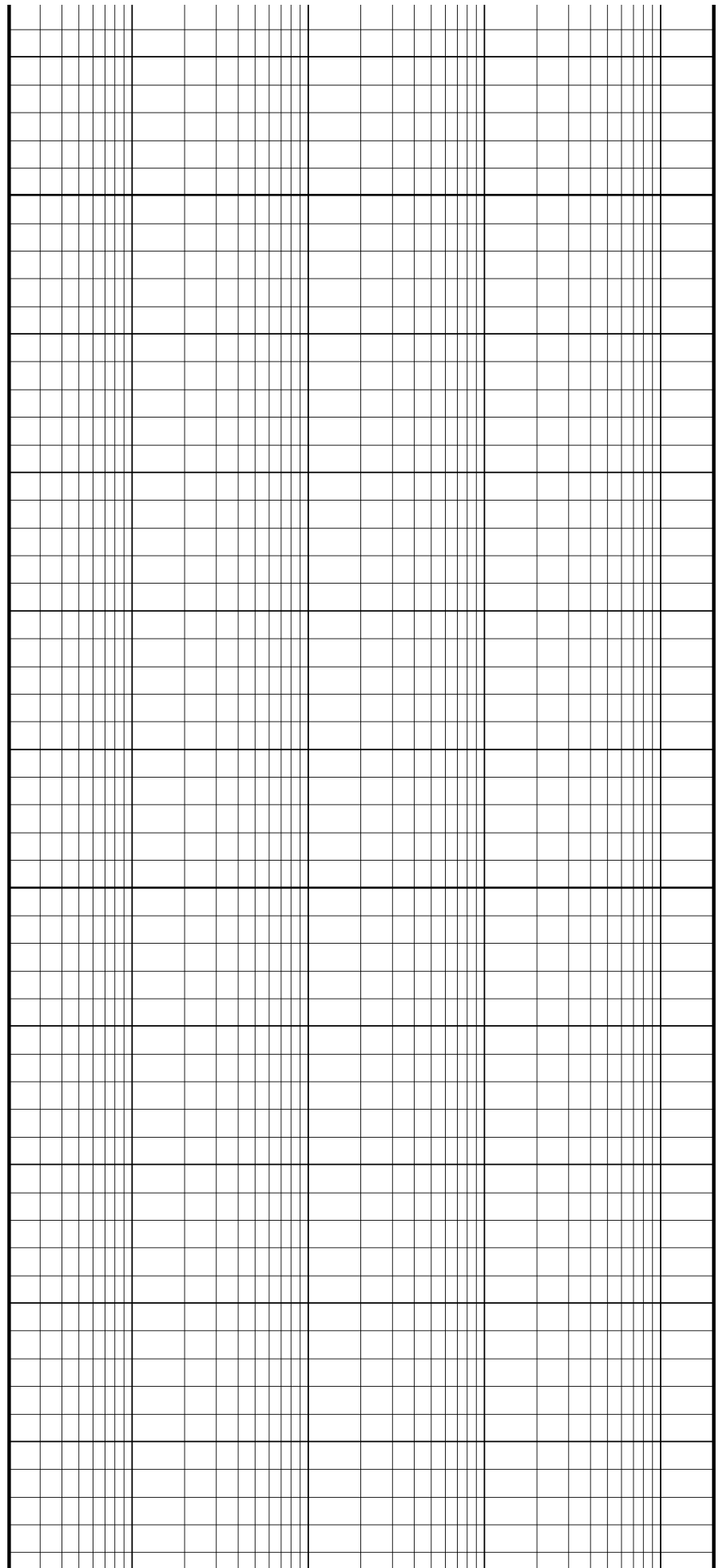
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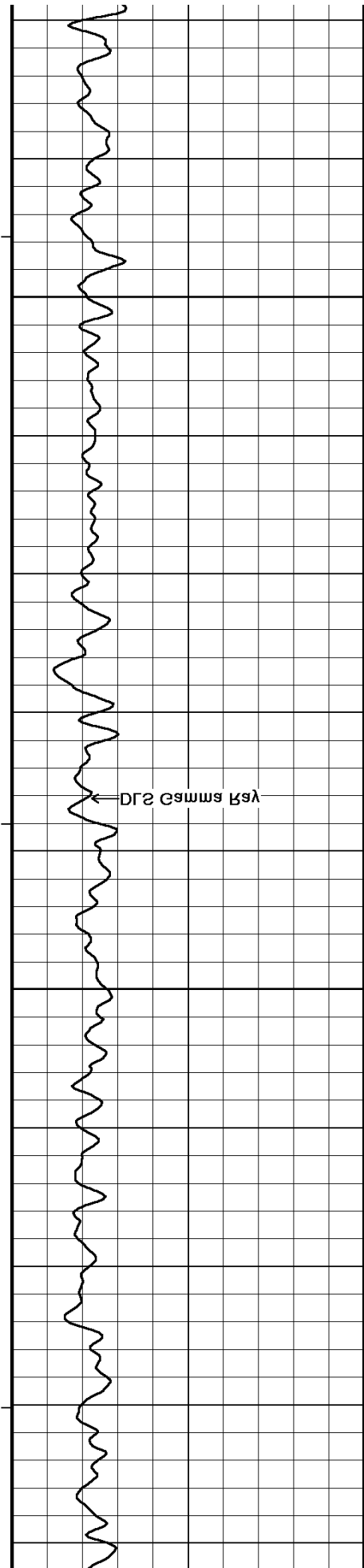
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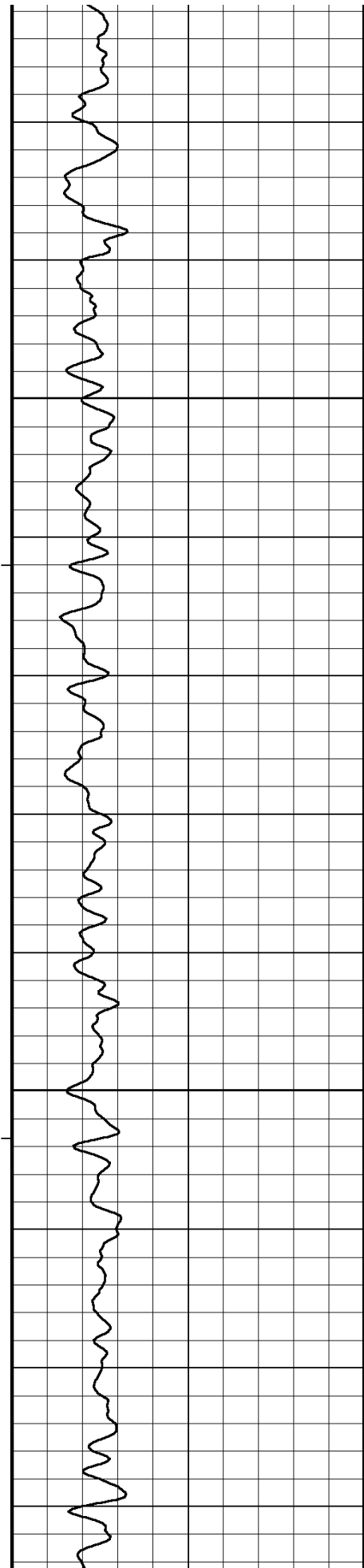
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DLS Gamma Ray



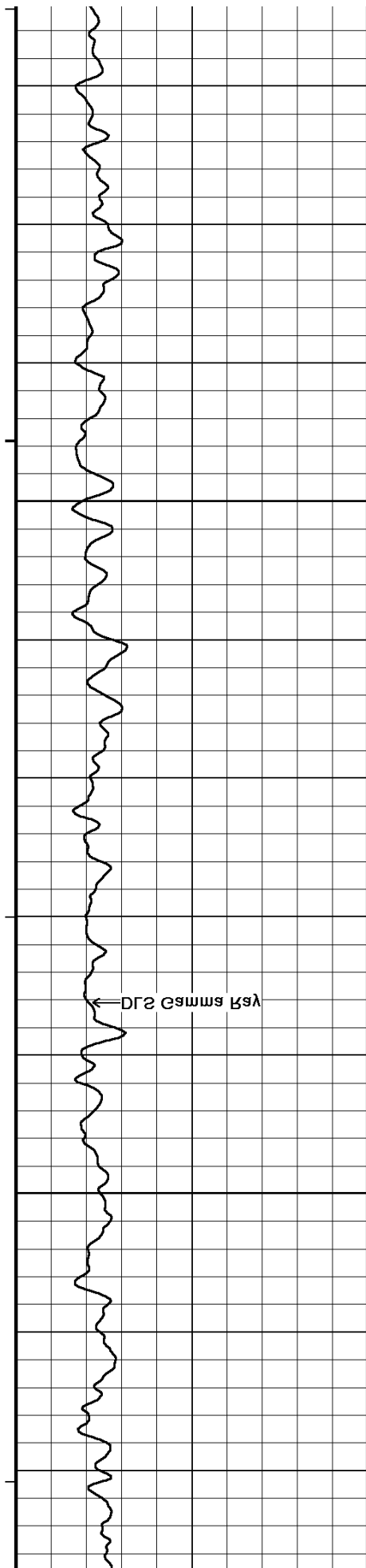
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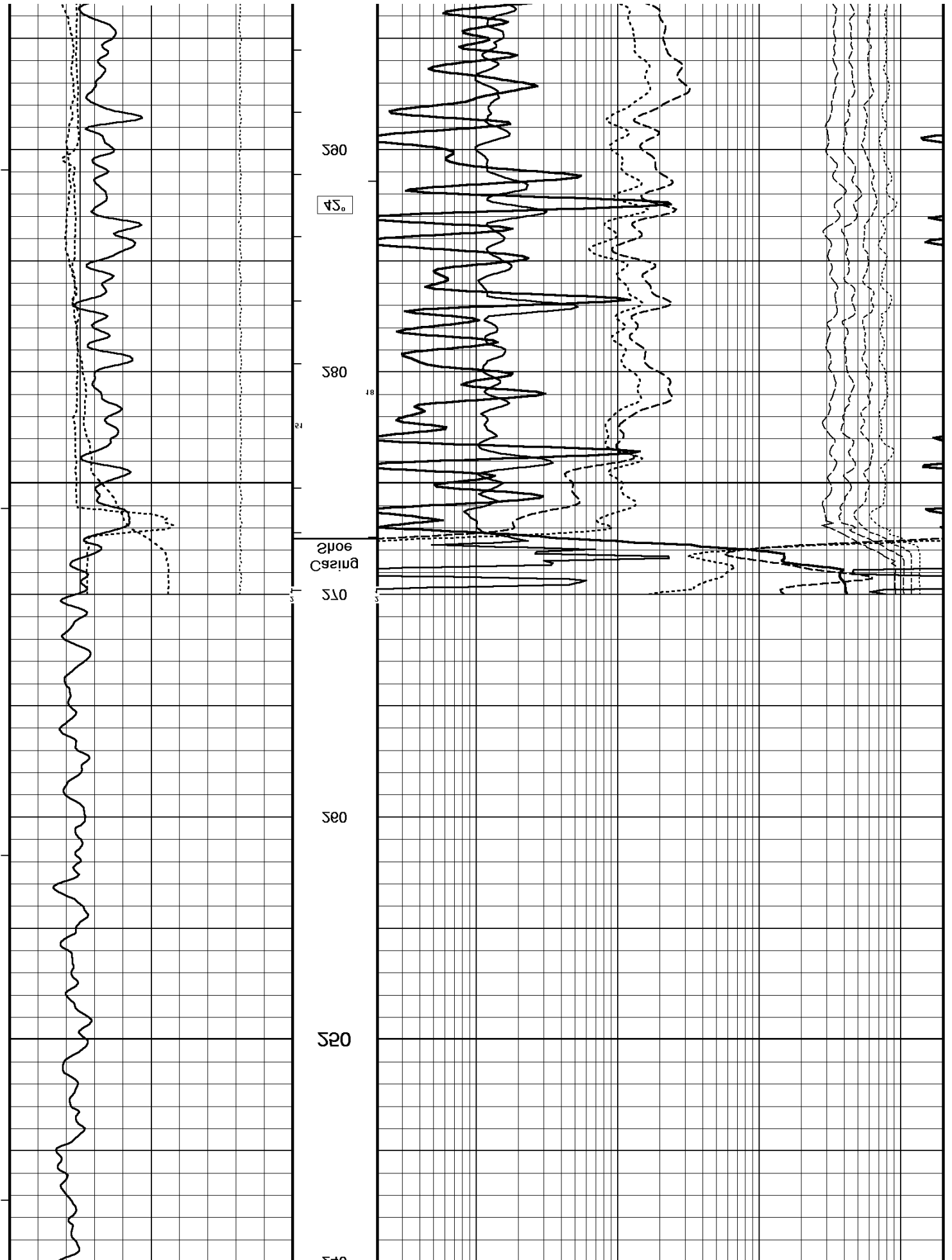
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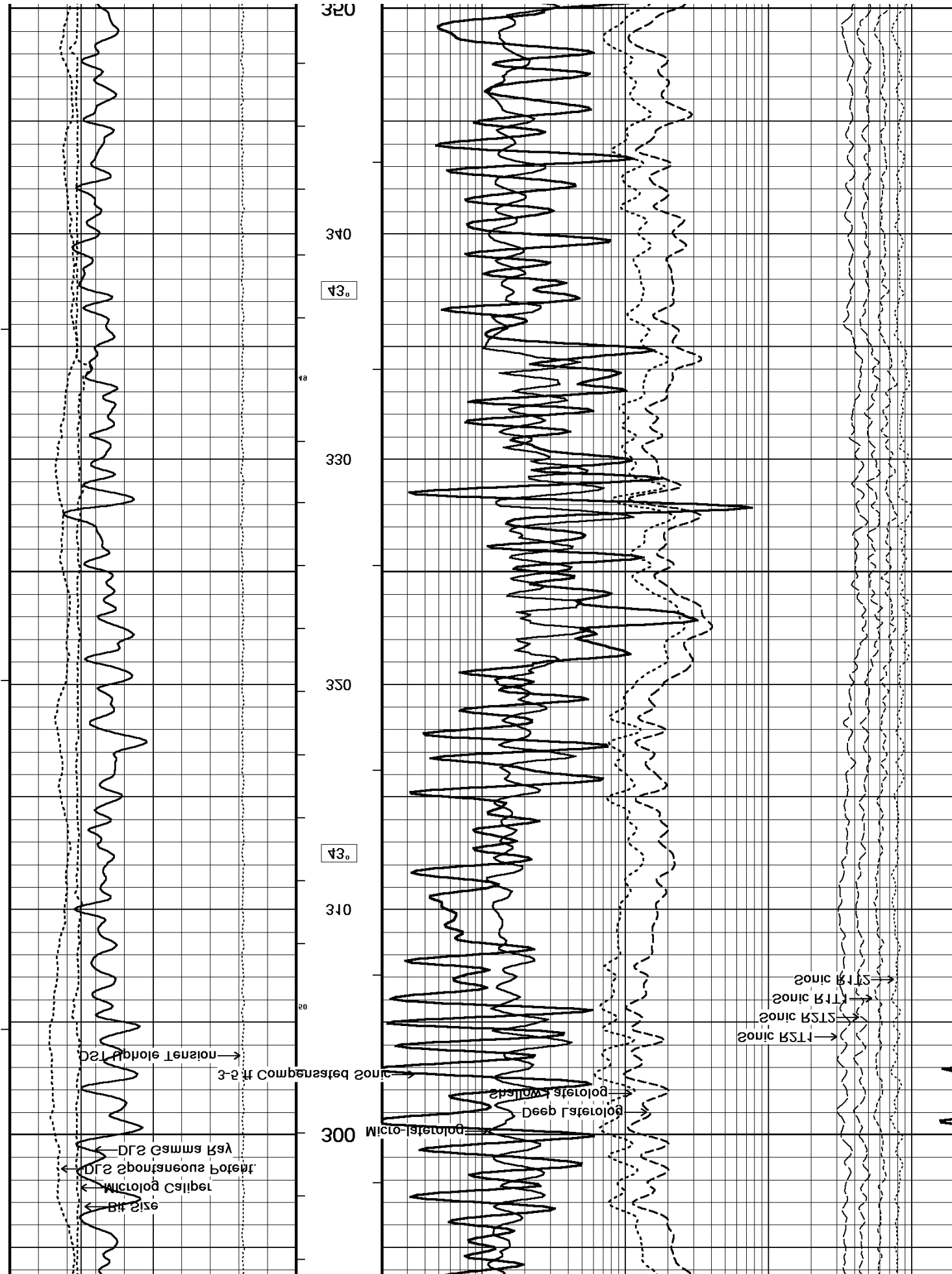
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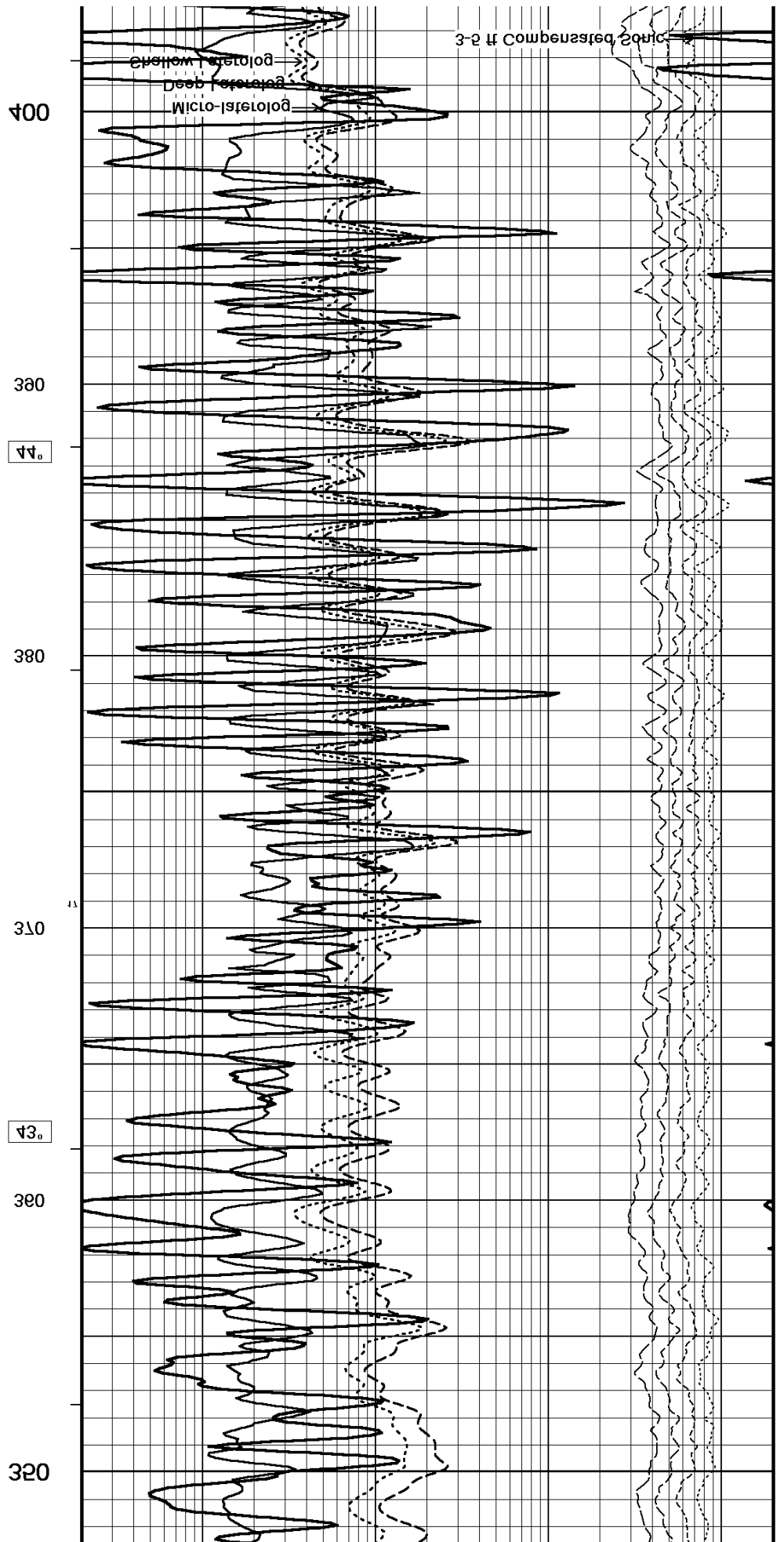
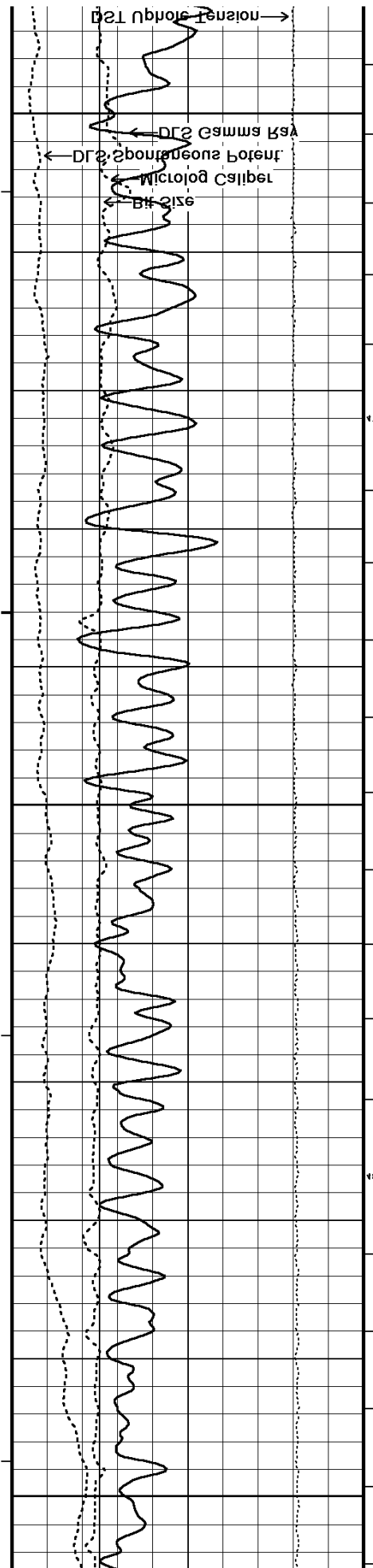
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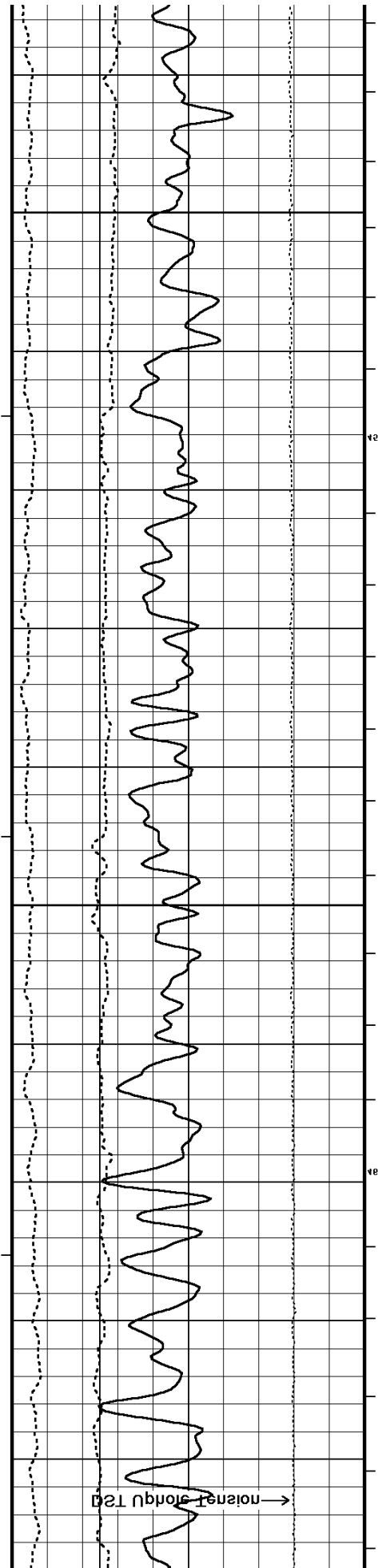
DLS Gamma Ray











**Reeves**

Printed with ReeView

020

040

020

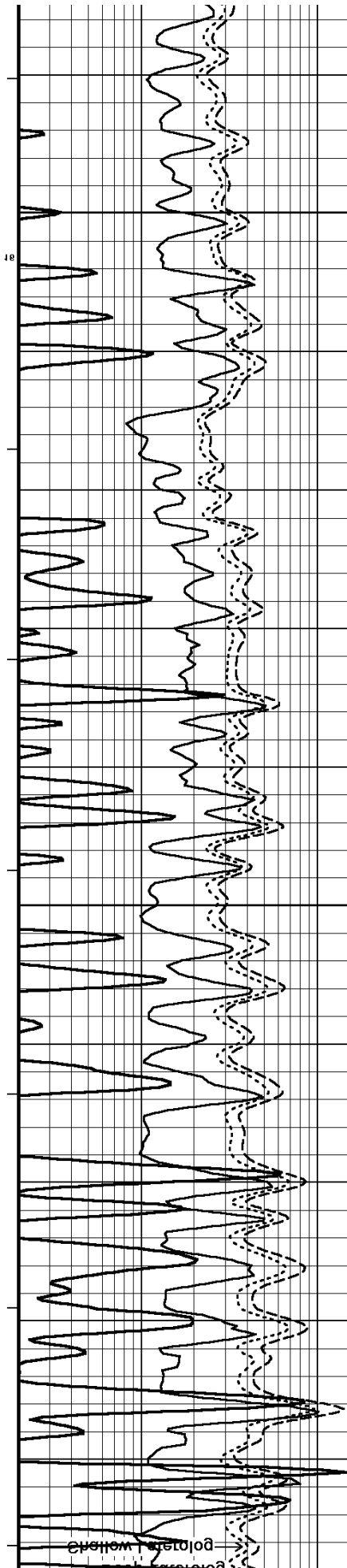
030

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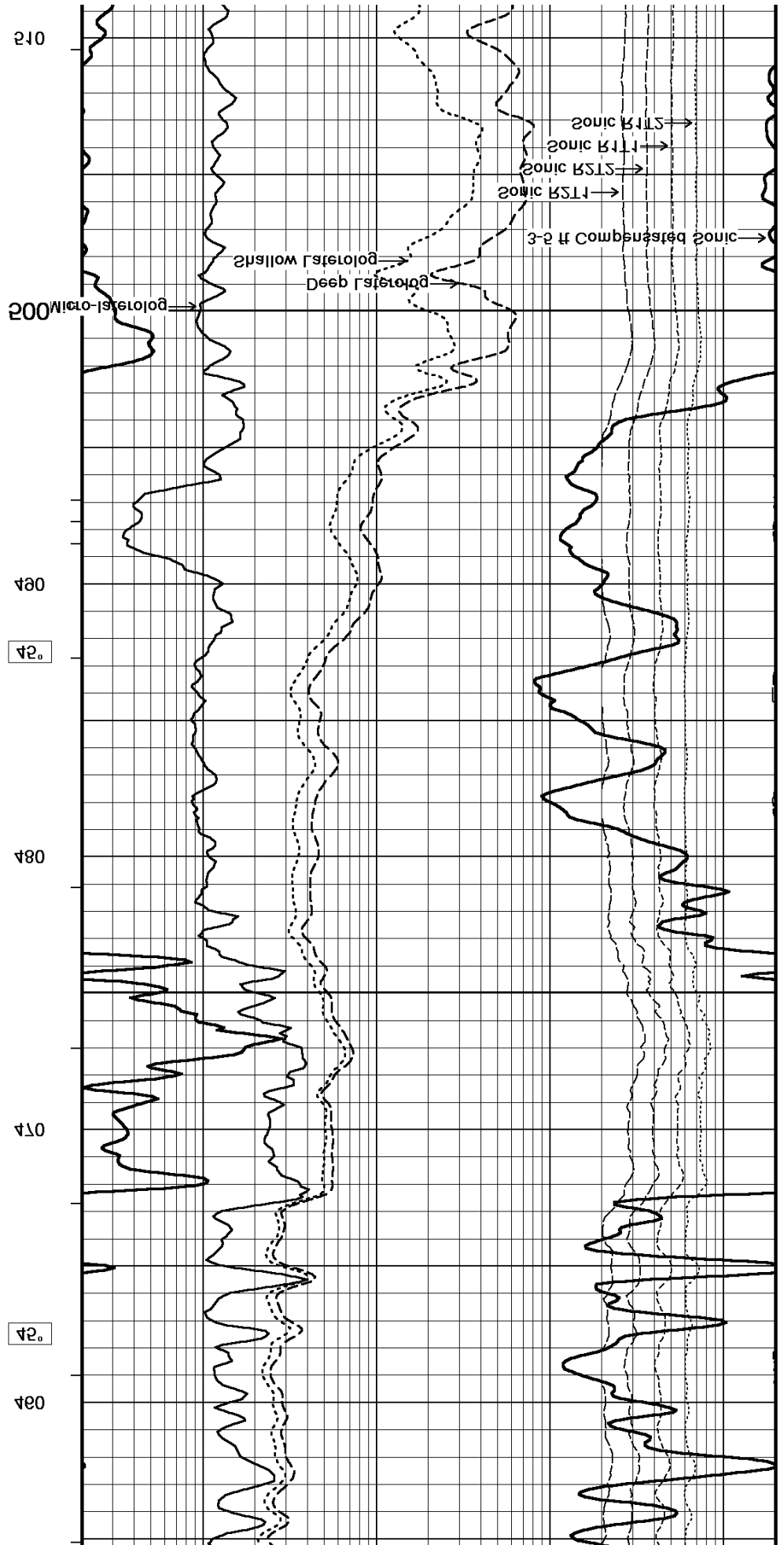
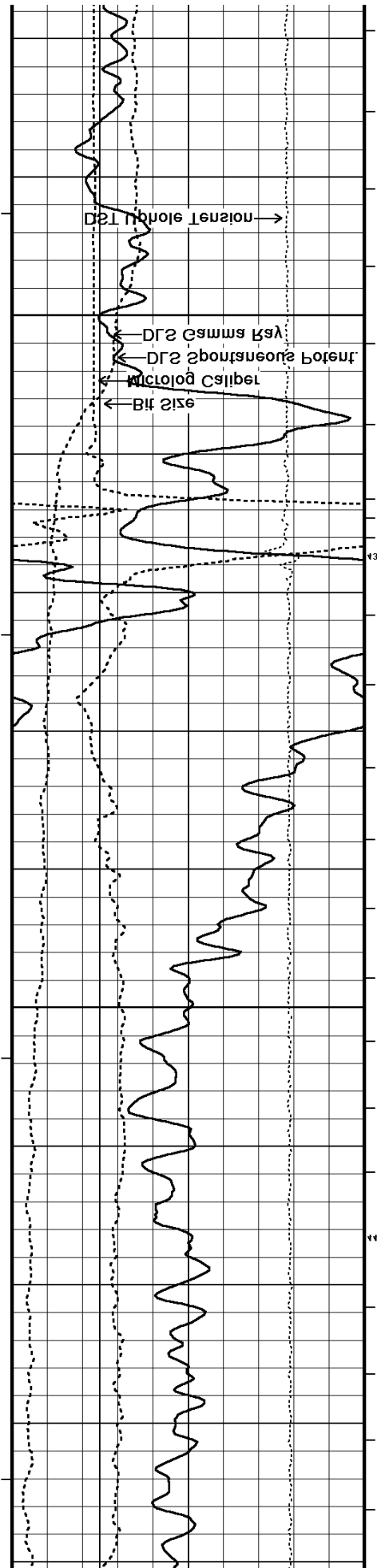
→ noisy signal

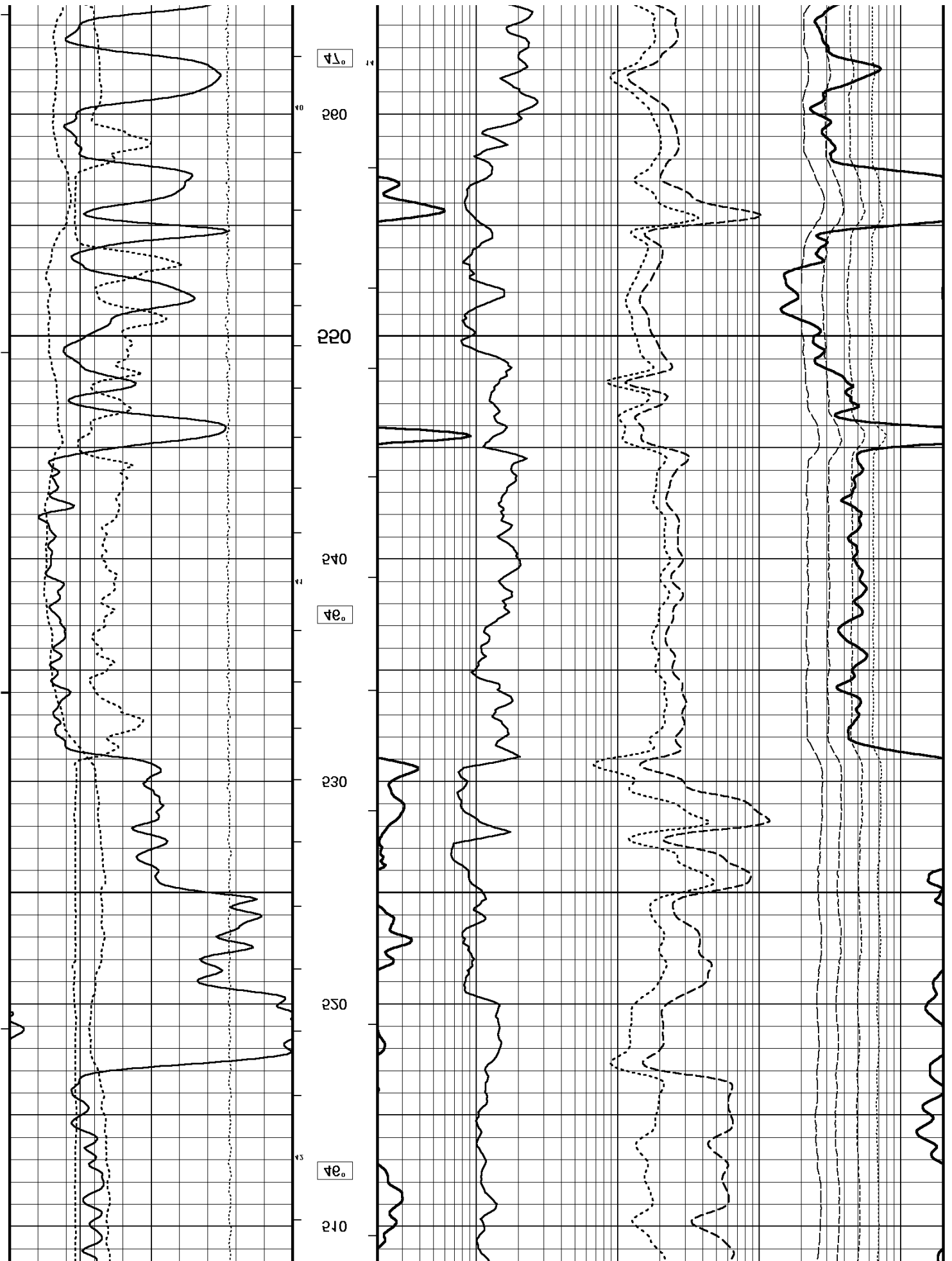


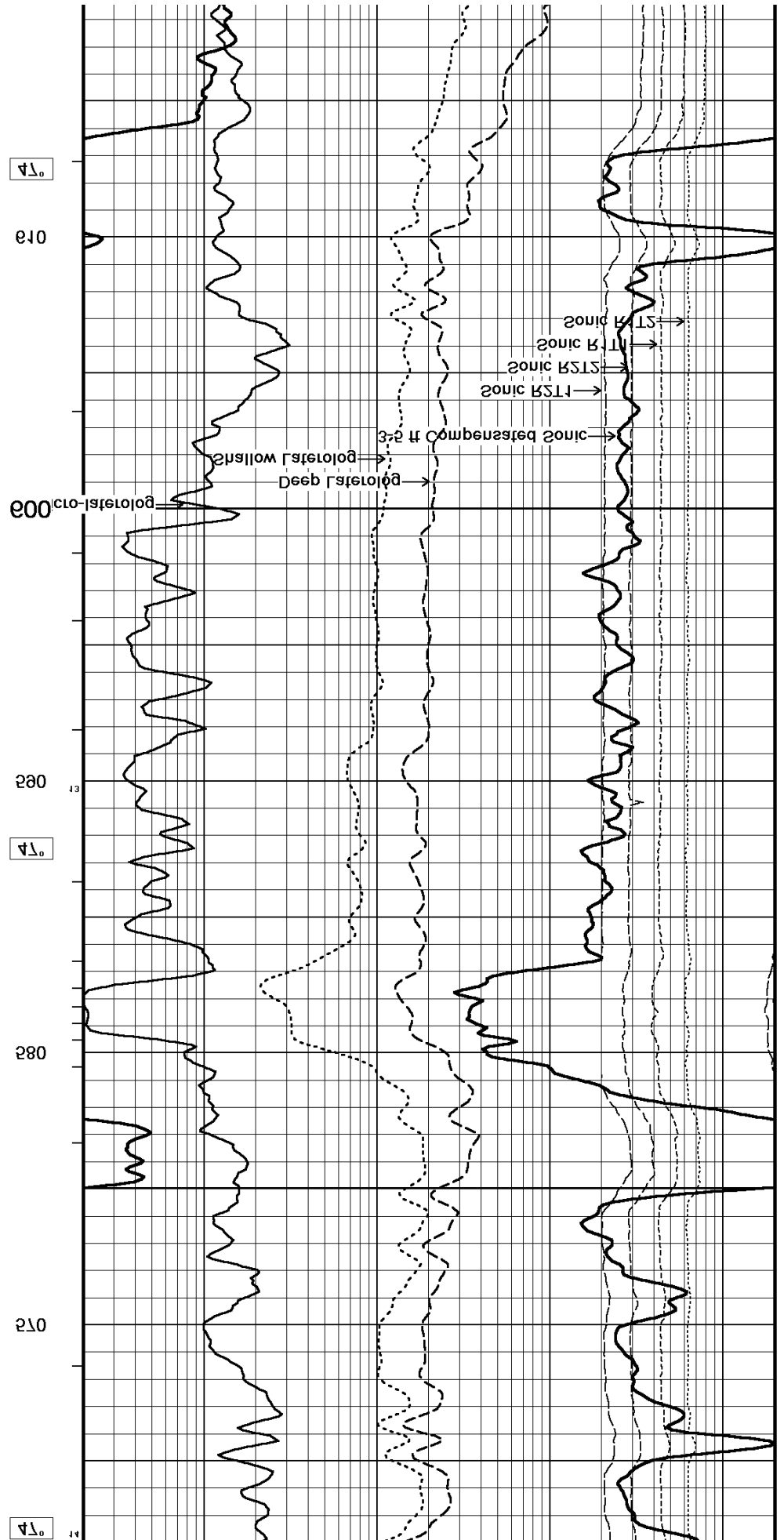
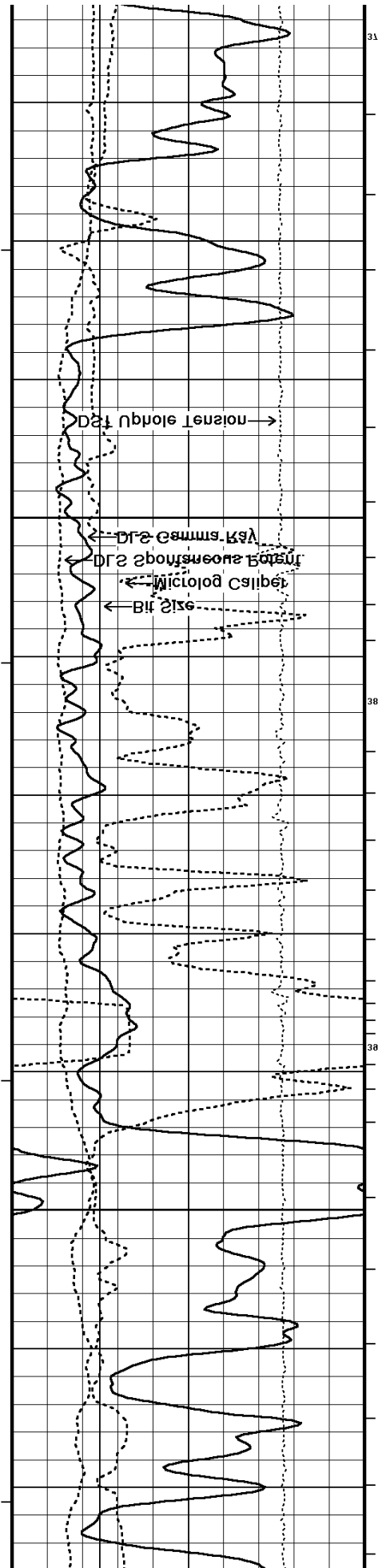
→ noisy signal

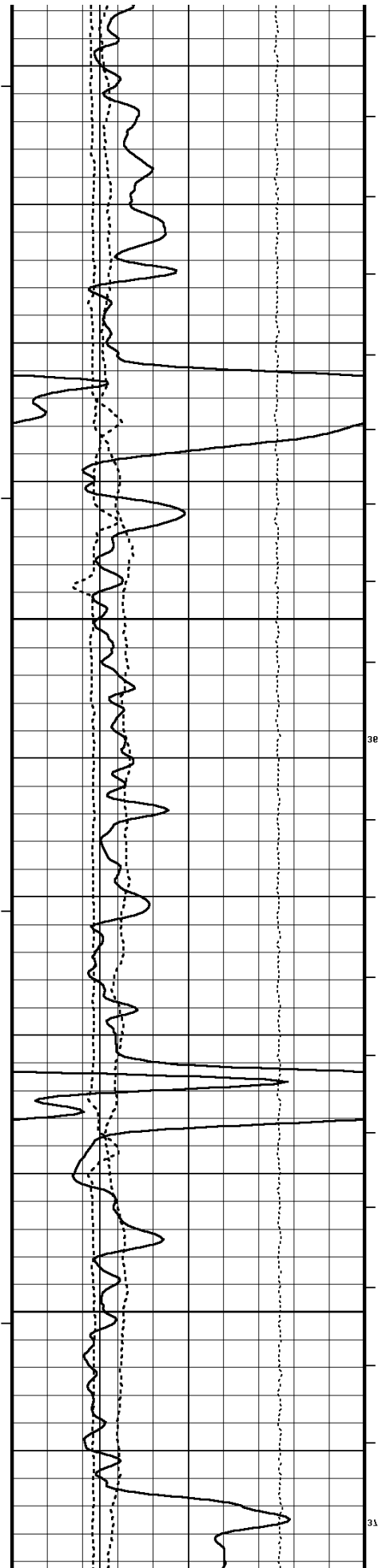
→ Sonic R112  
 → Sonic R111  
 → Sonic R212  
 → Sonic R211  
 → 3-2 ft Compensated Sonic

Page 10 of 40









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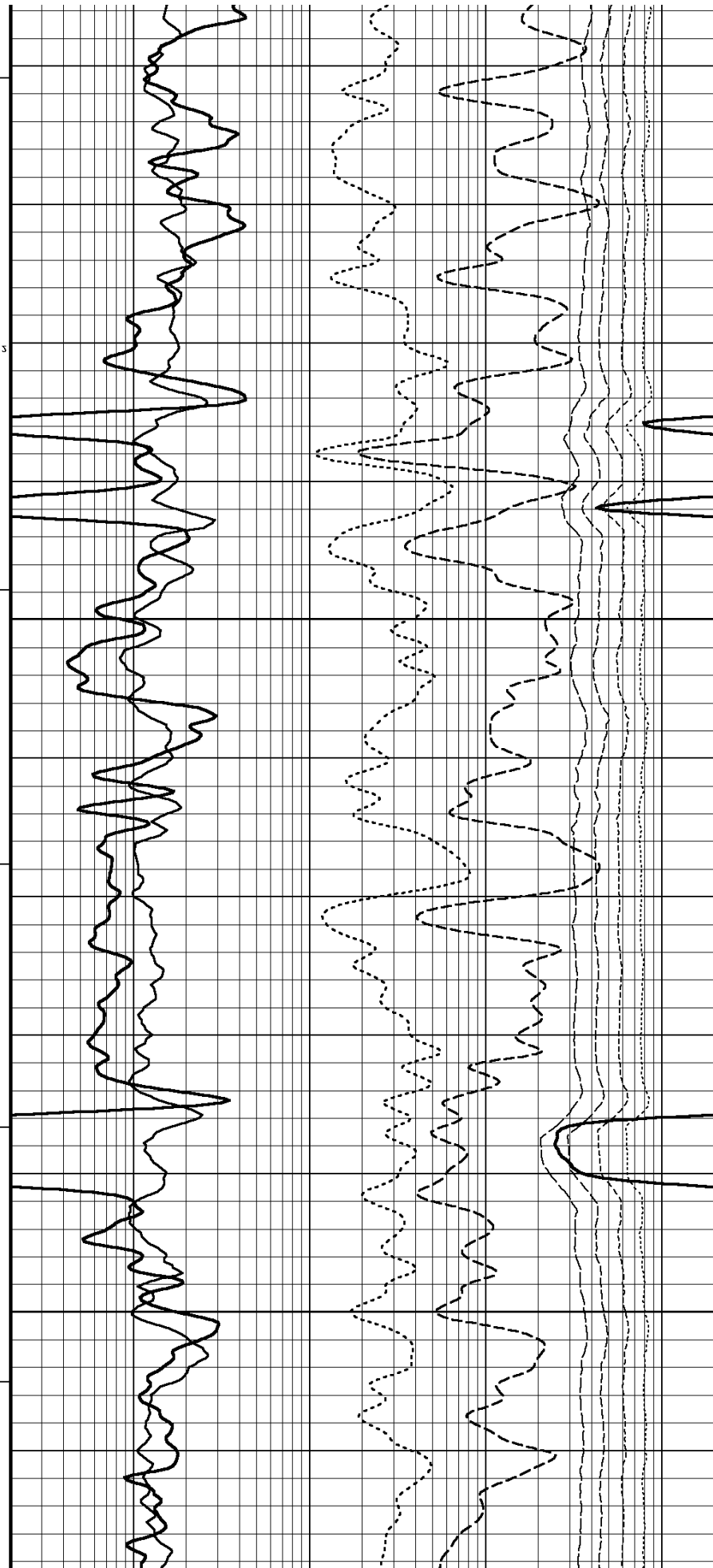
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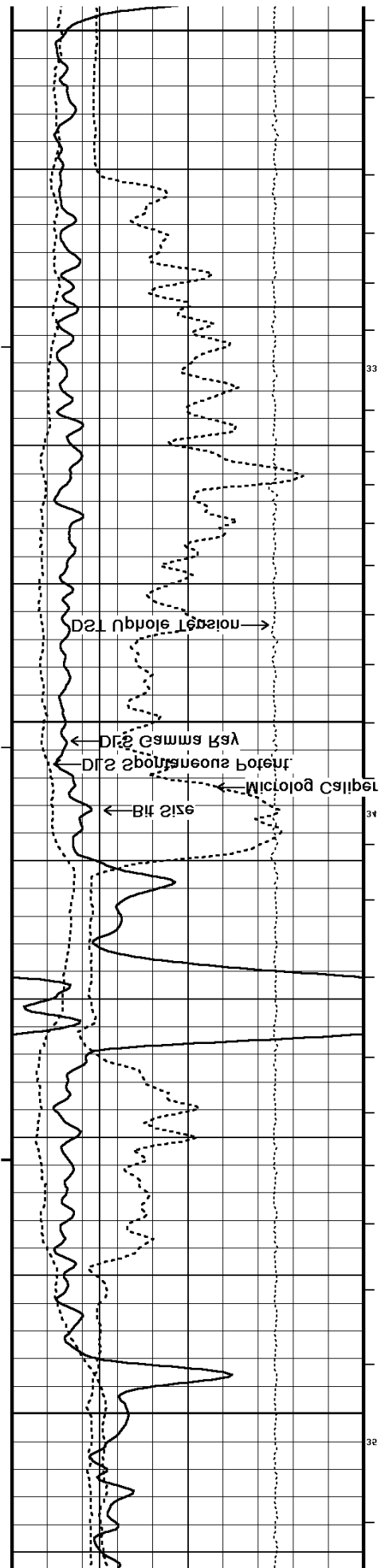
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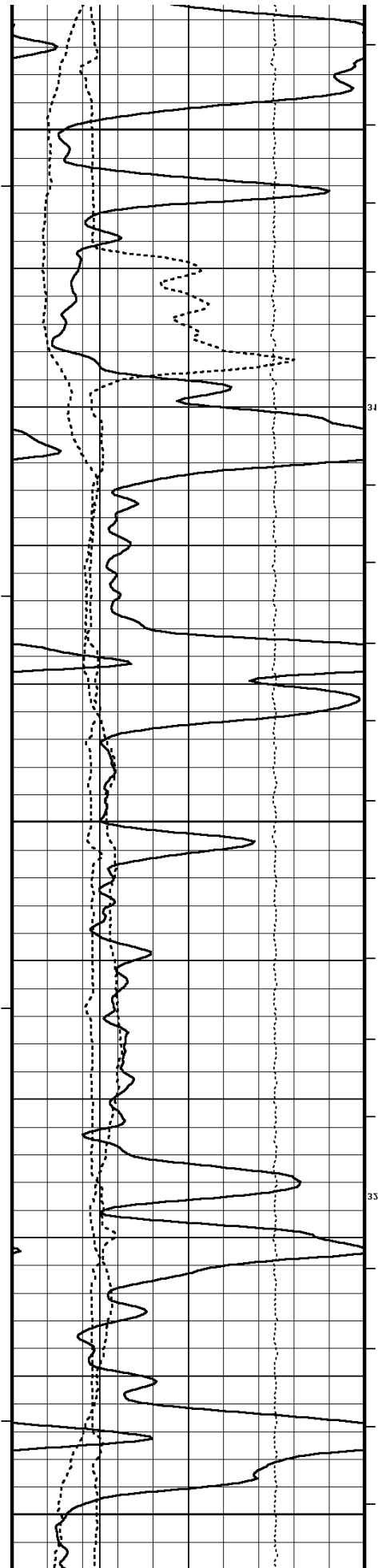
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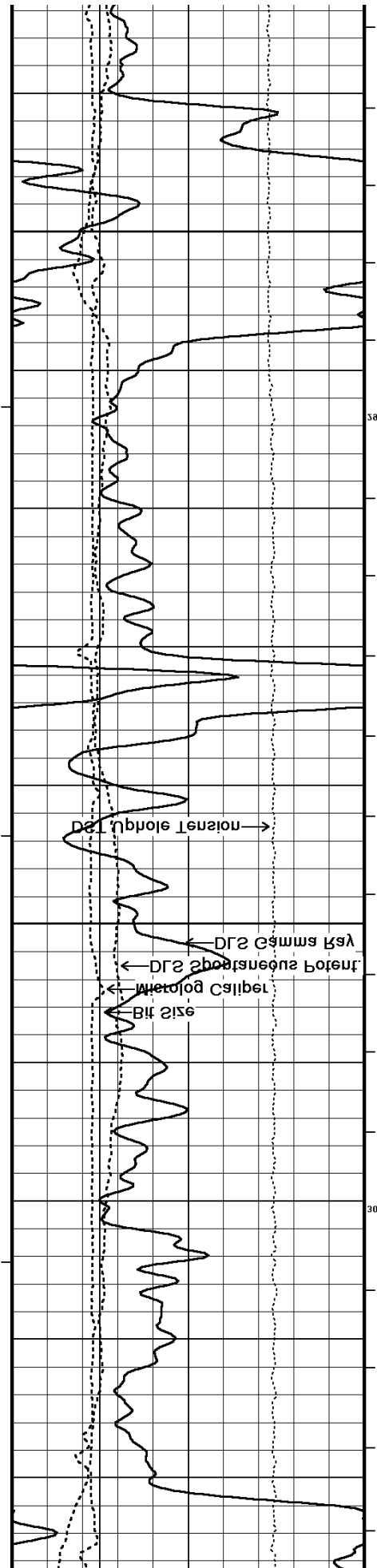
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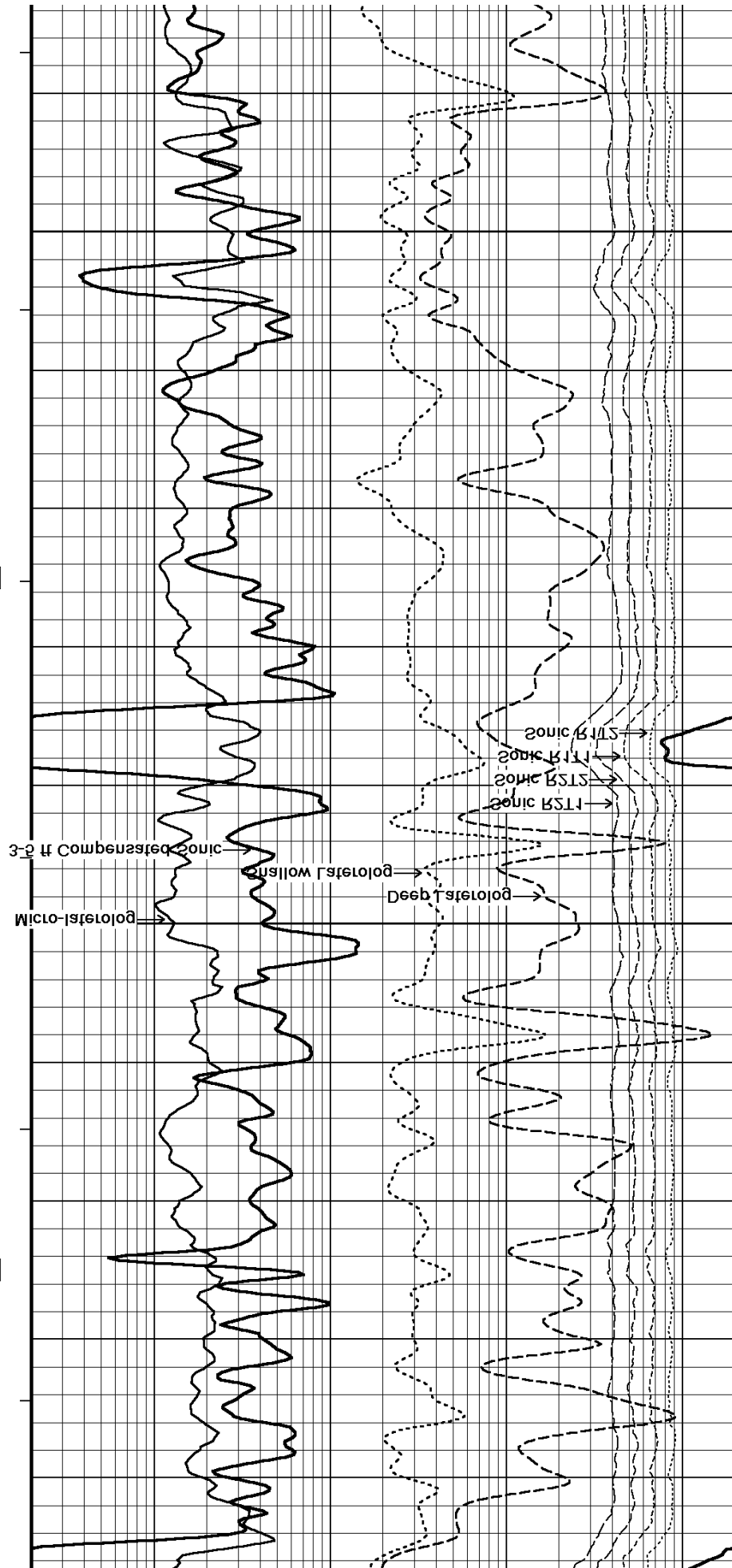
810

800

820

840

880



3-5 ft Compensated Sonic

Micro-laterolog

Shallow laterolog

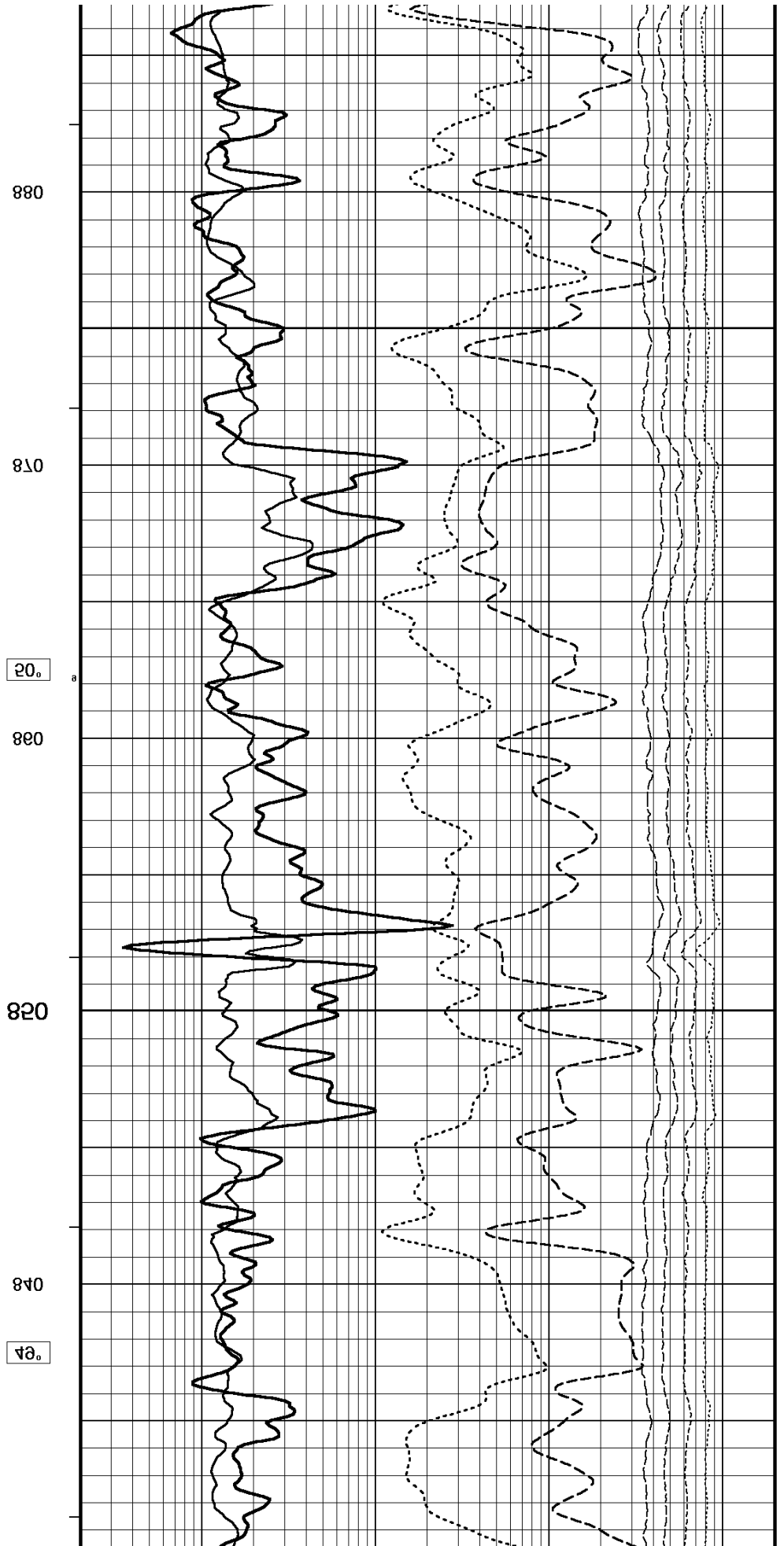
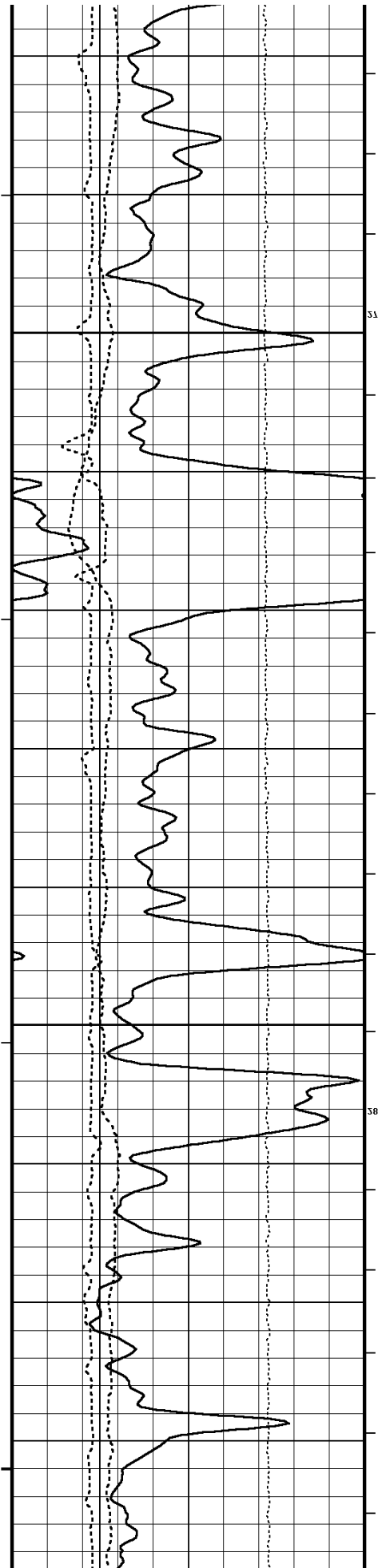
Deep laterolog

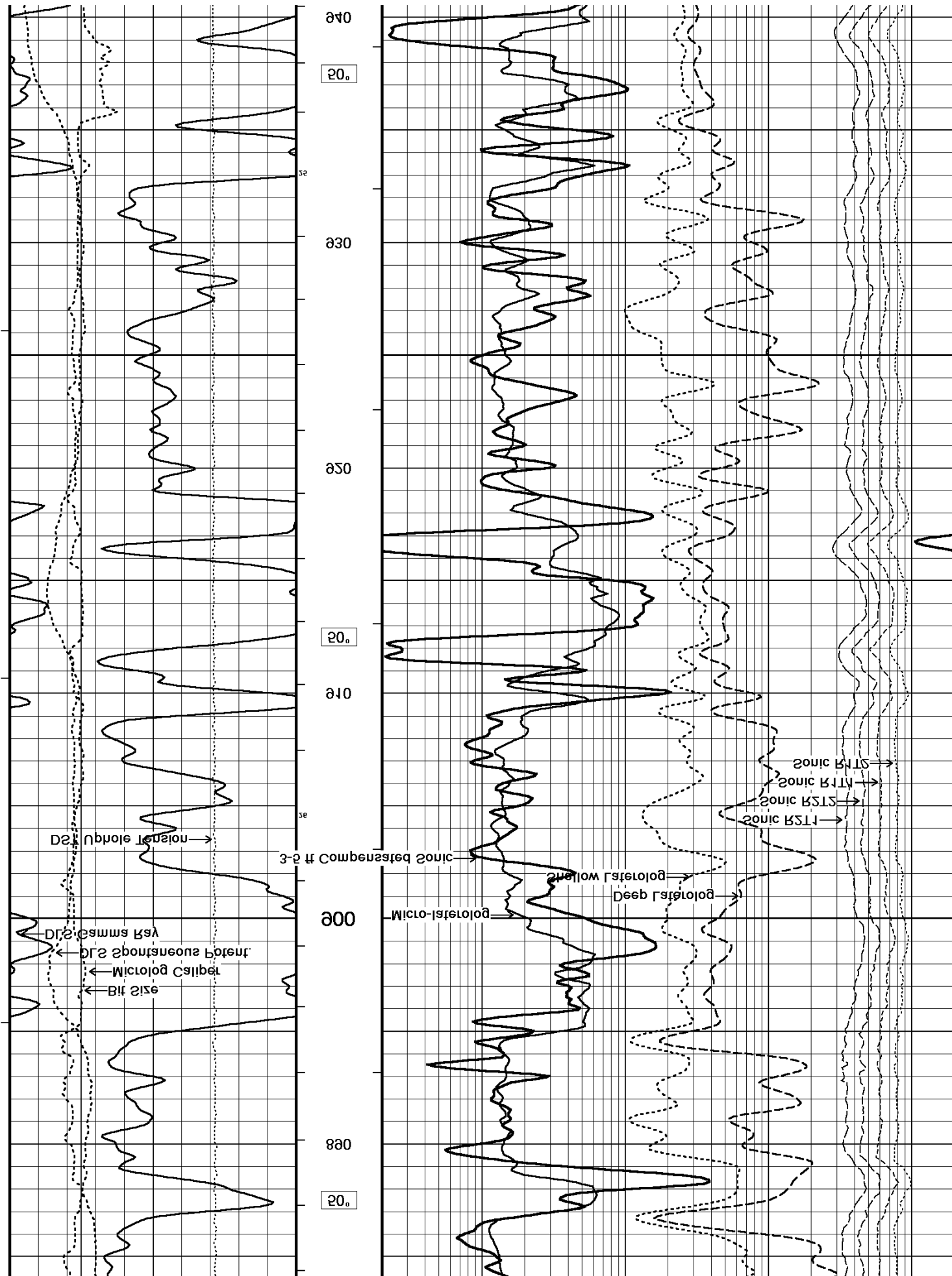
Sonic R112

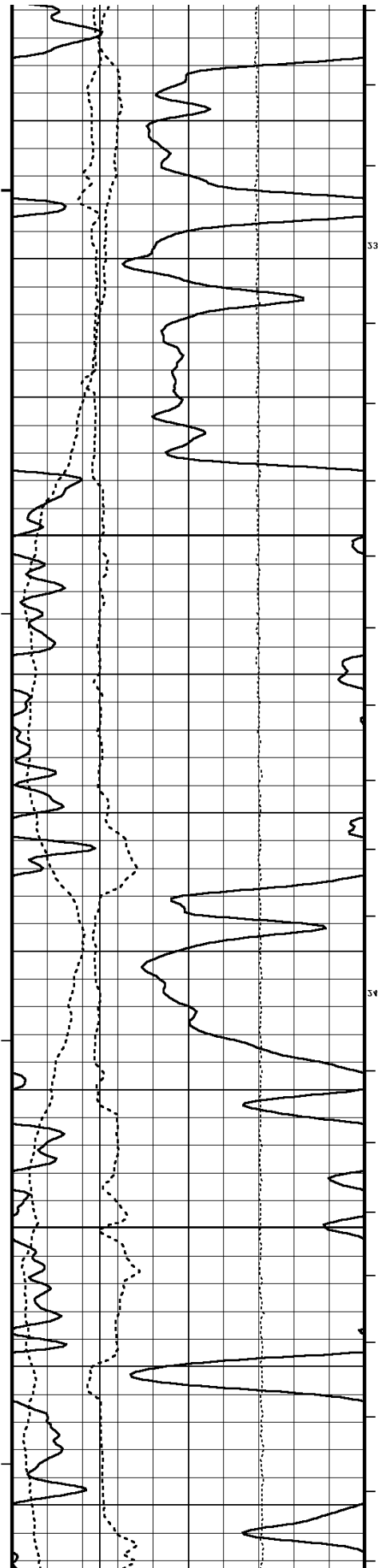
Sonic R111

Sonic R212

Sonic R211







040

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080

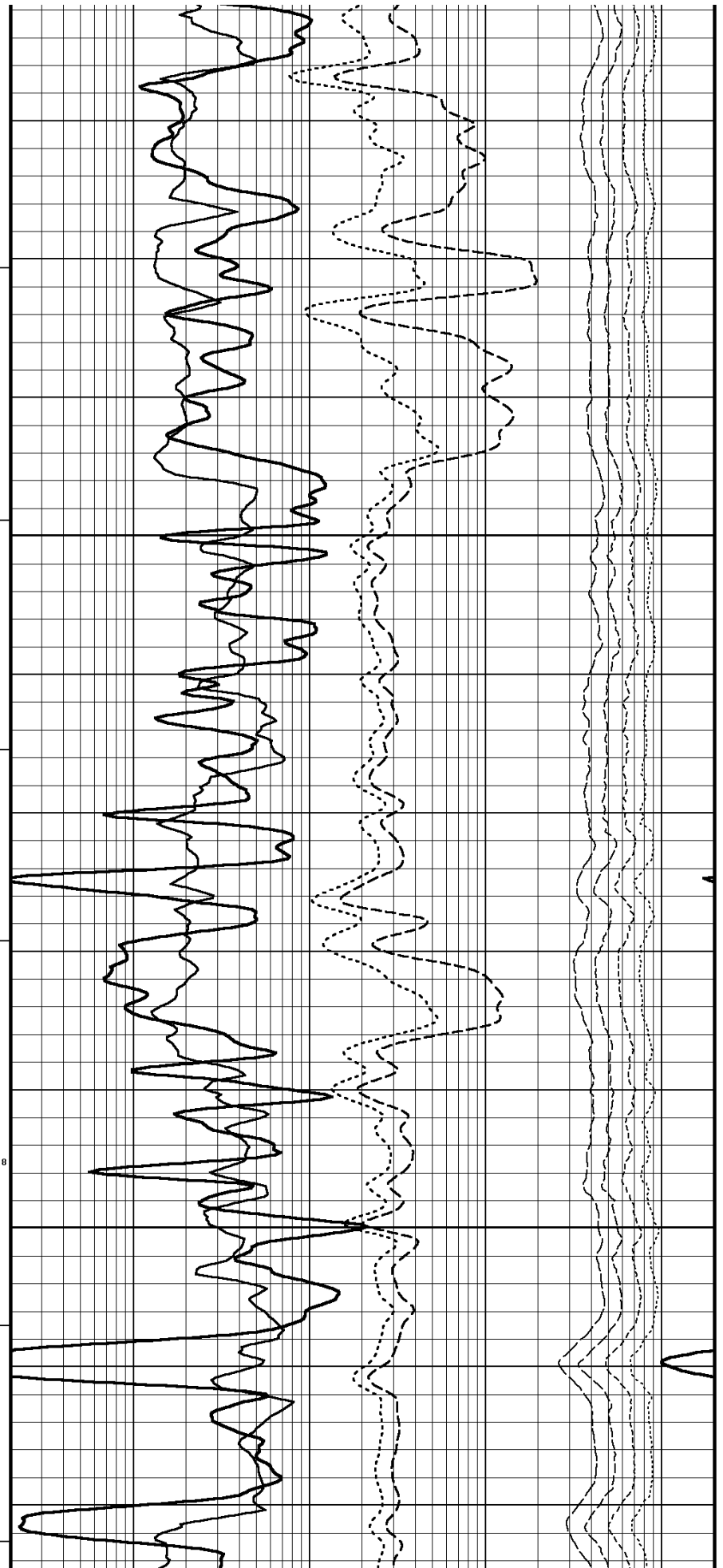
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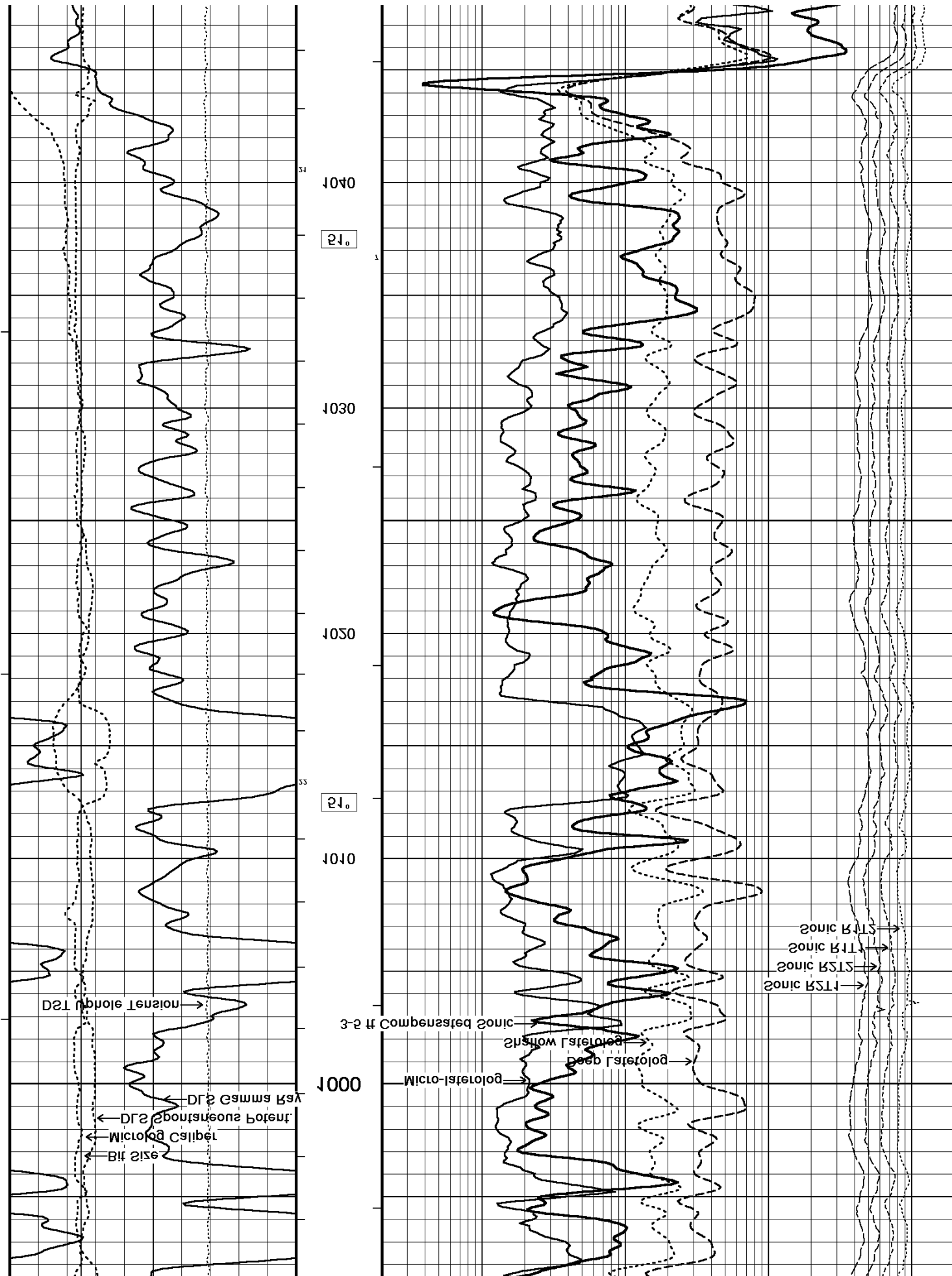
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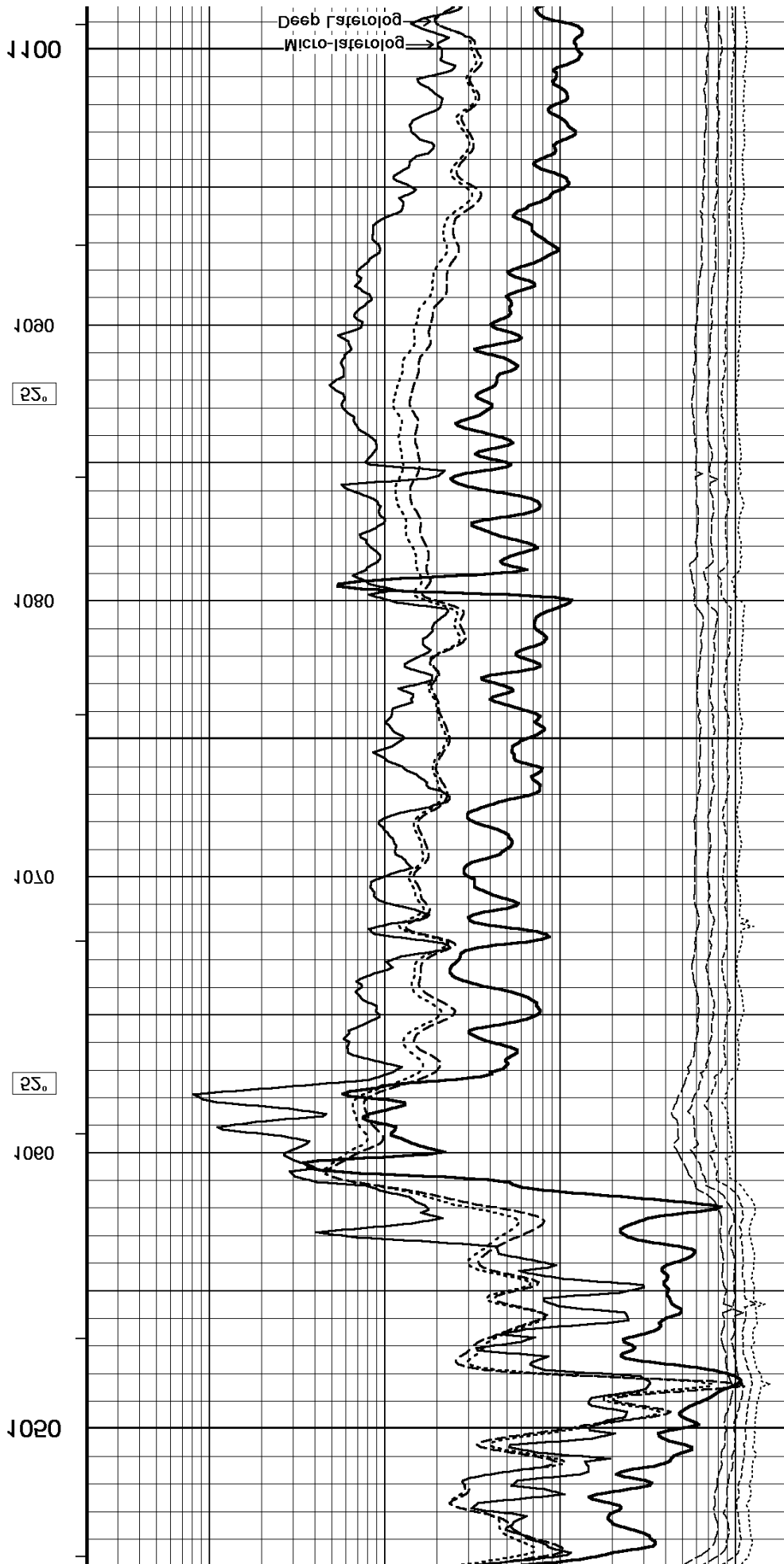
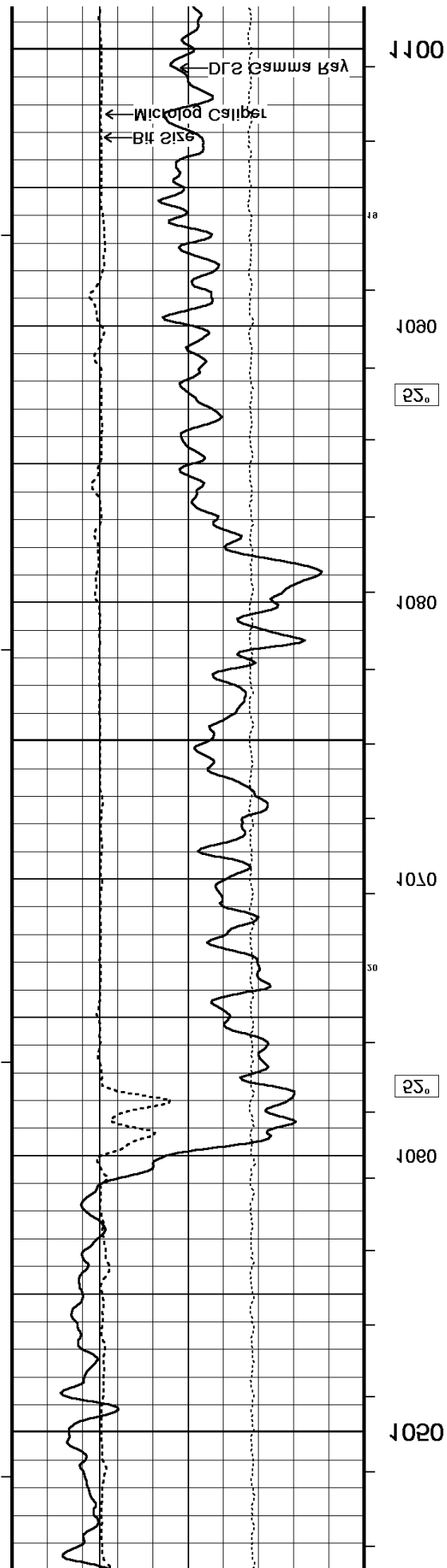
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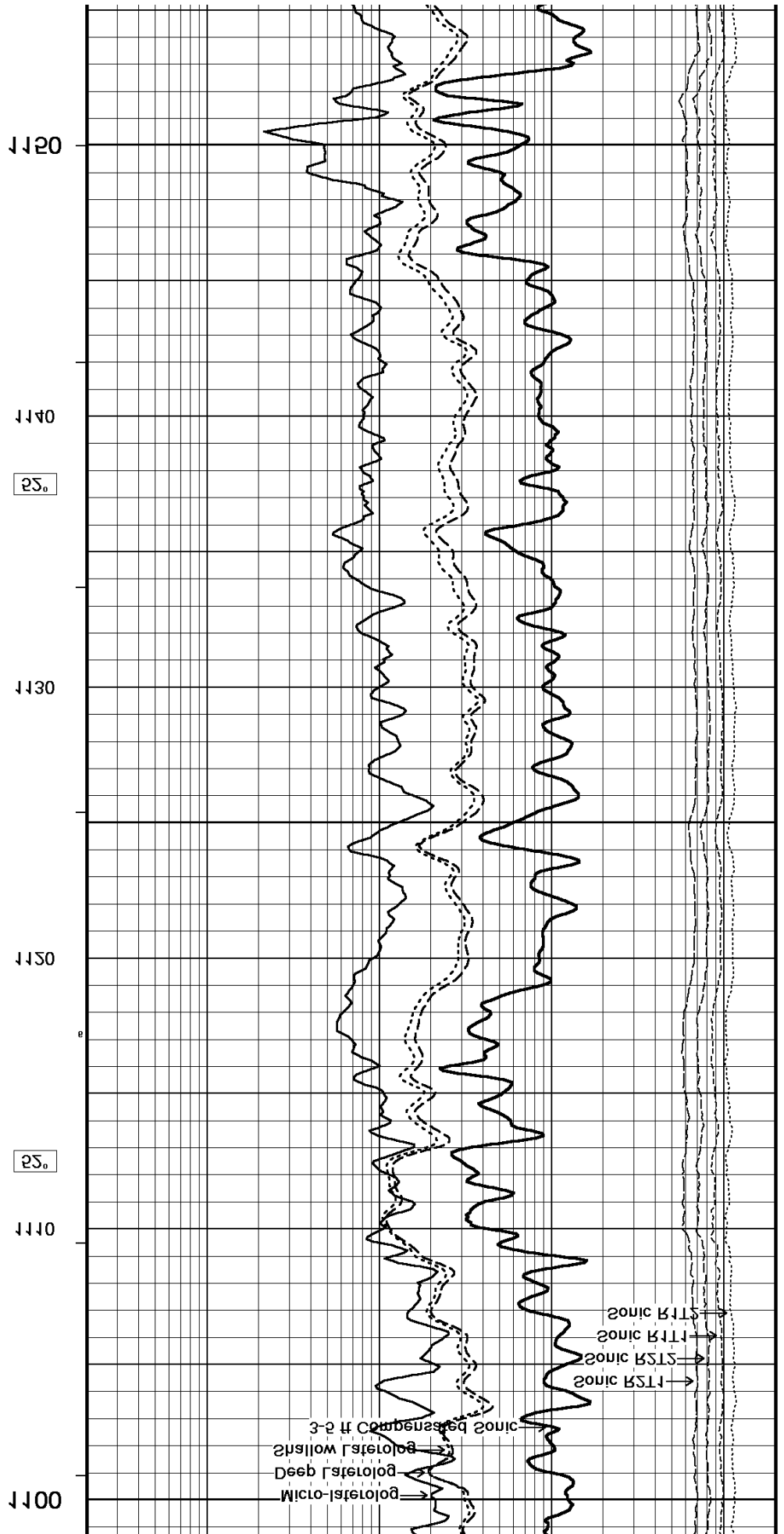
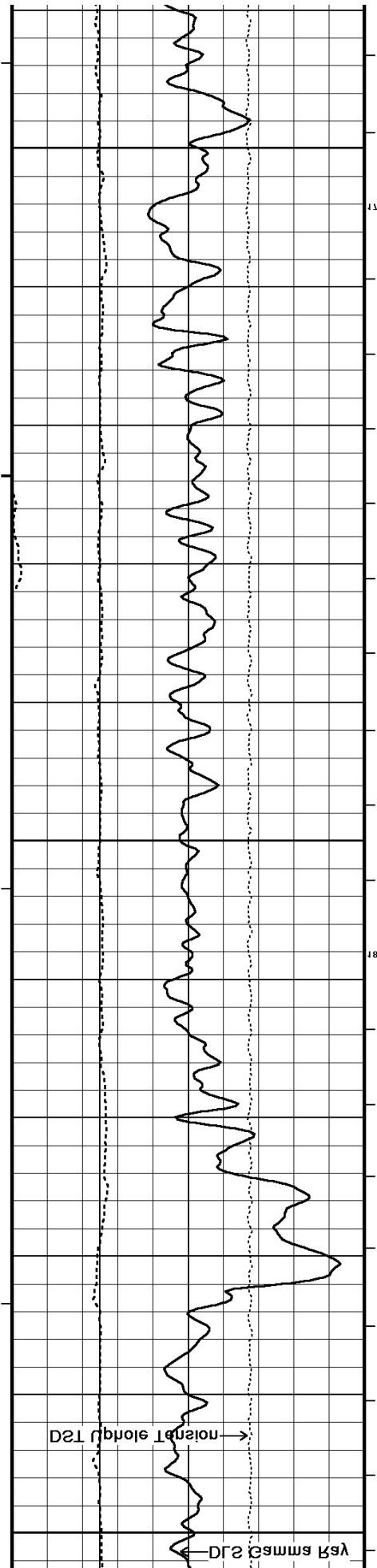
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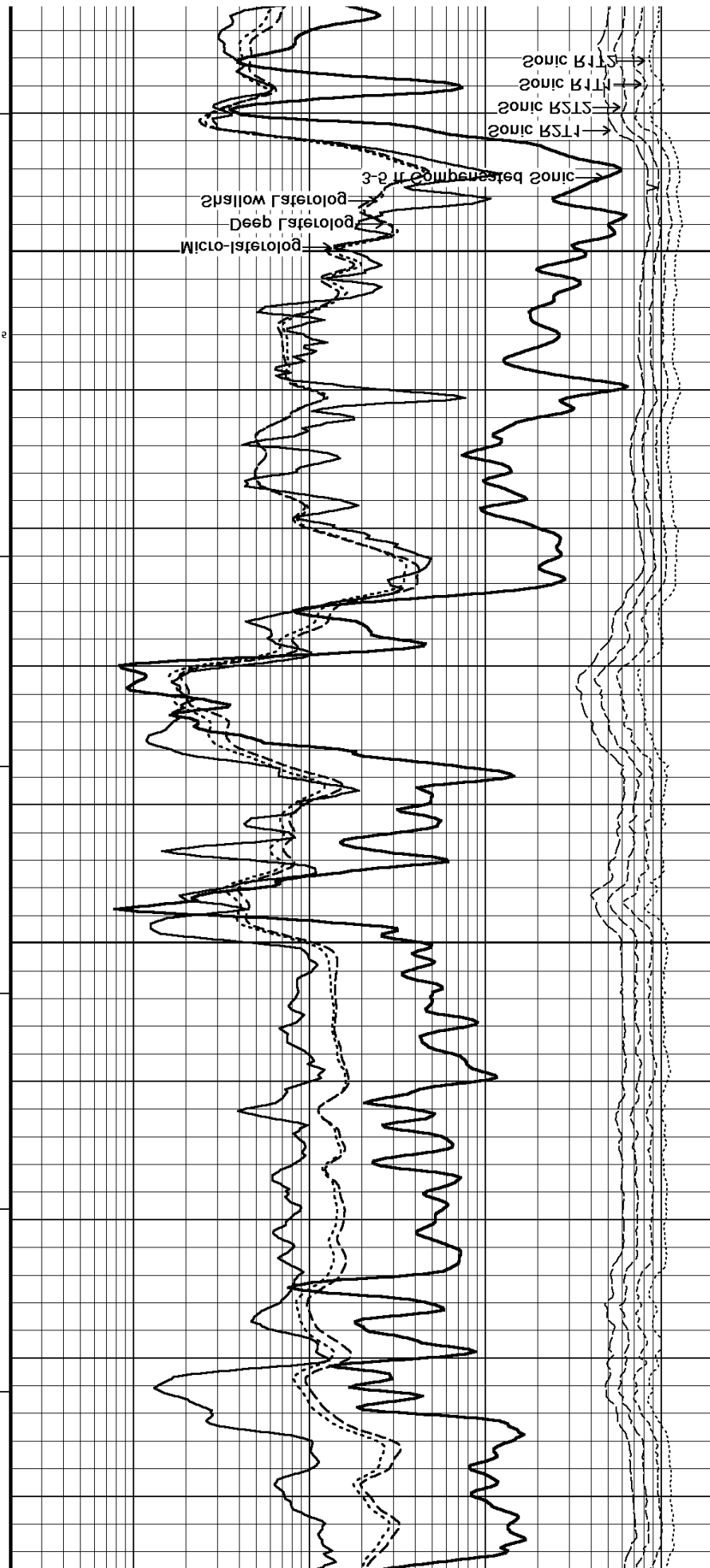
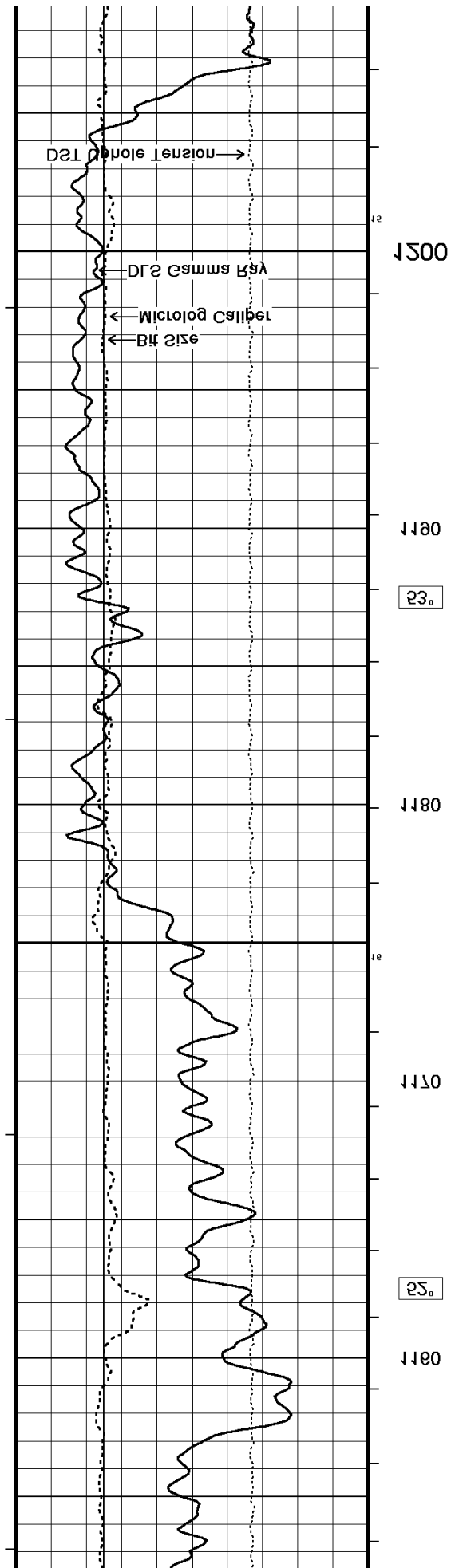
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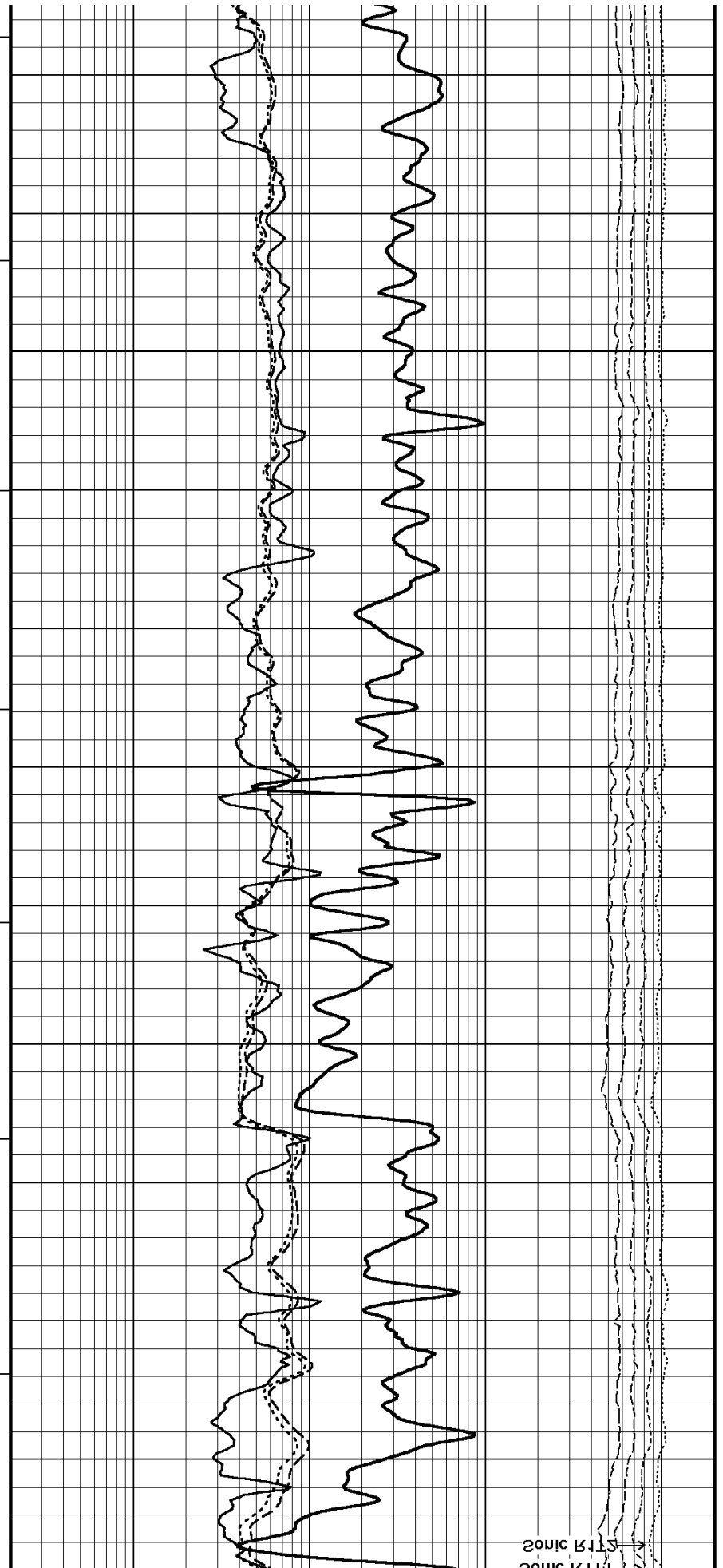
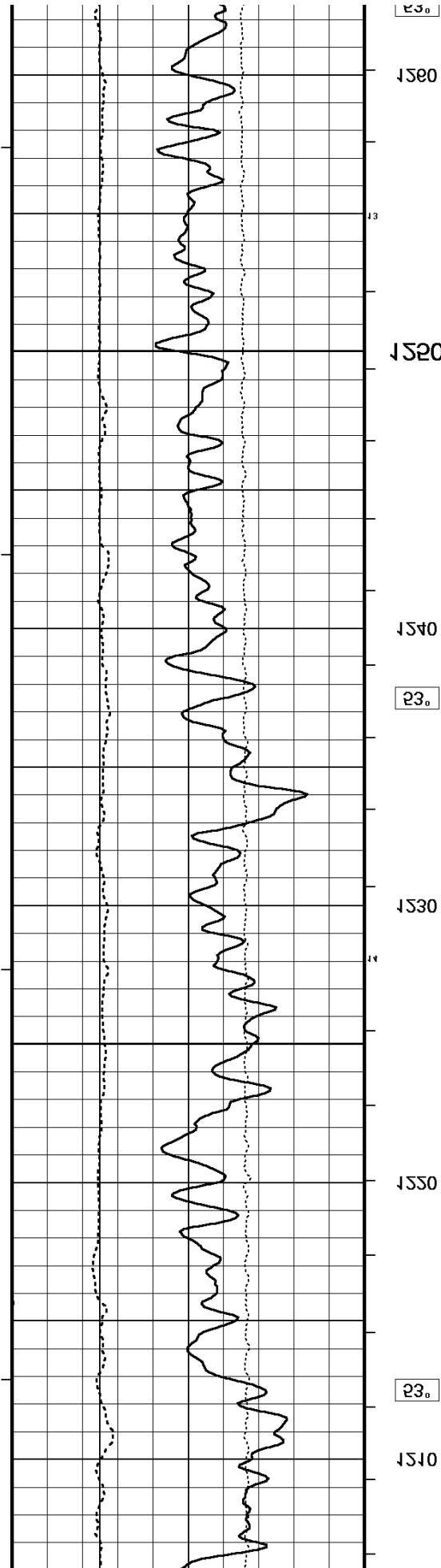


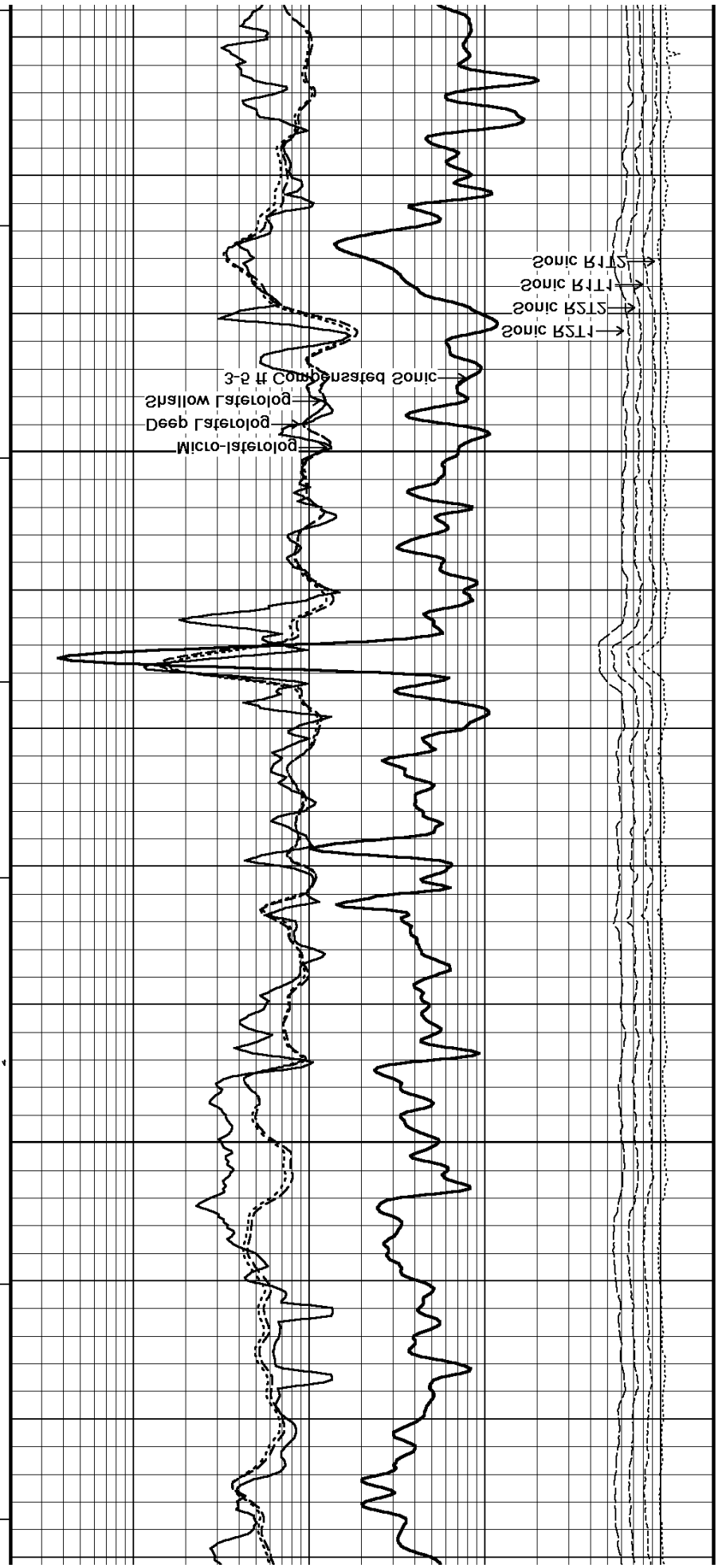
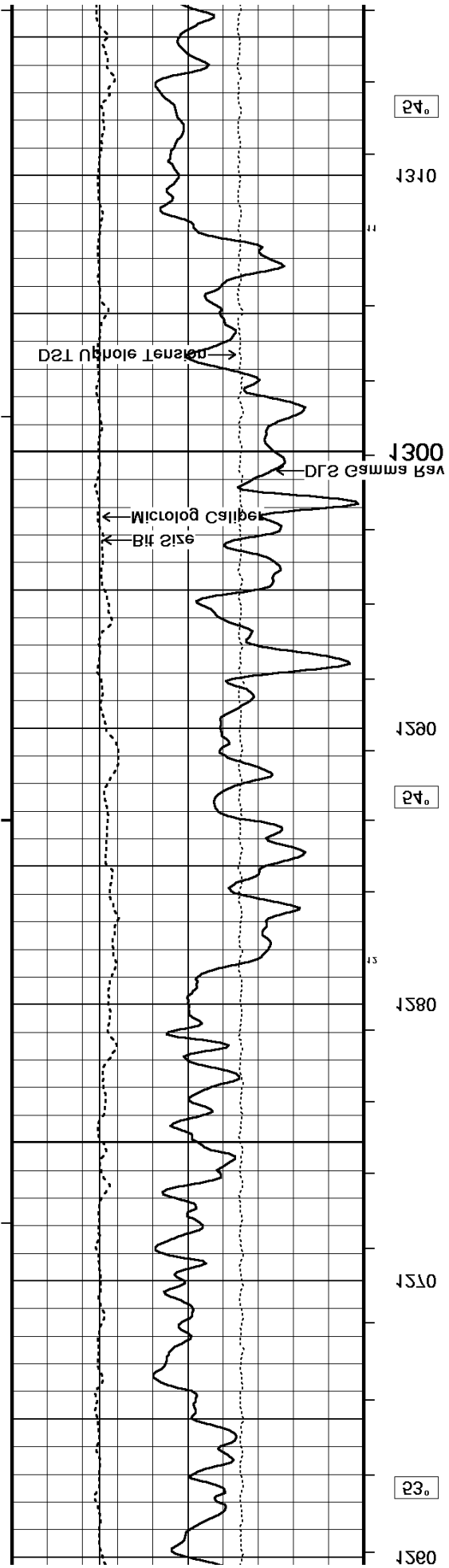


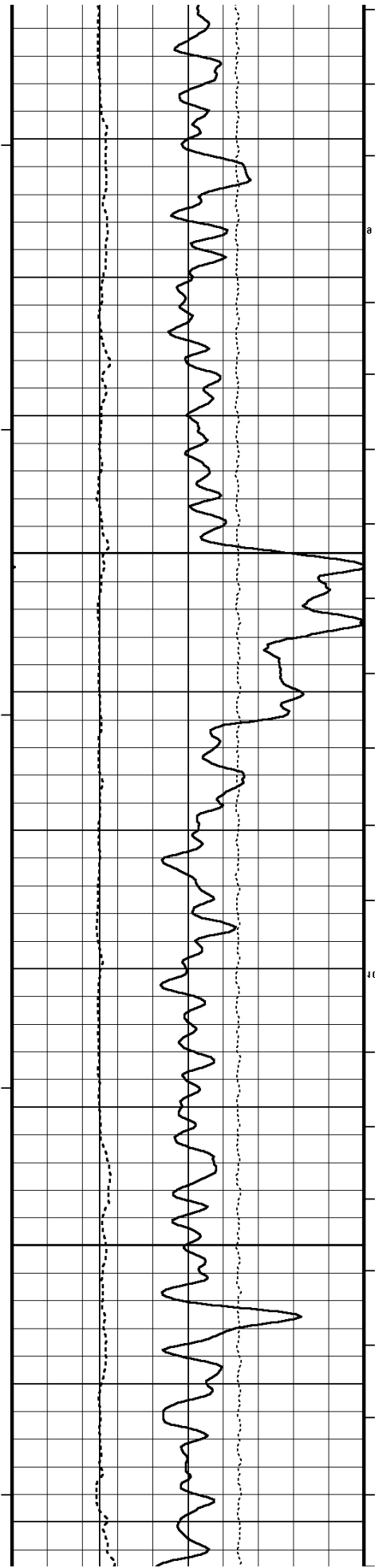




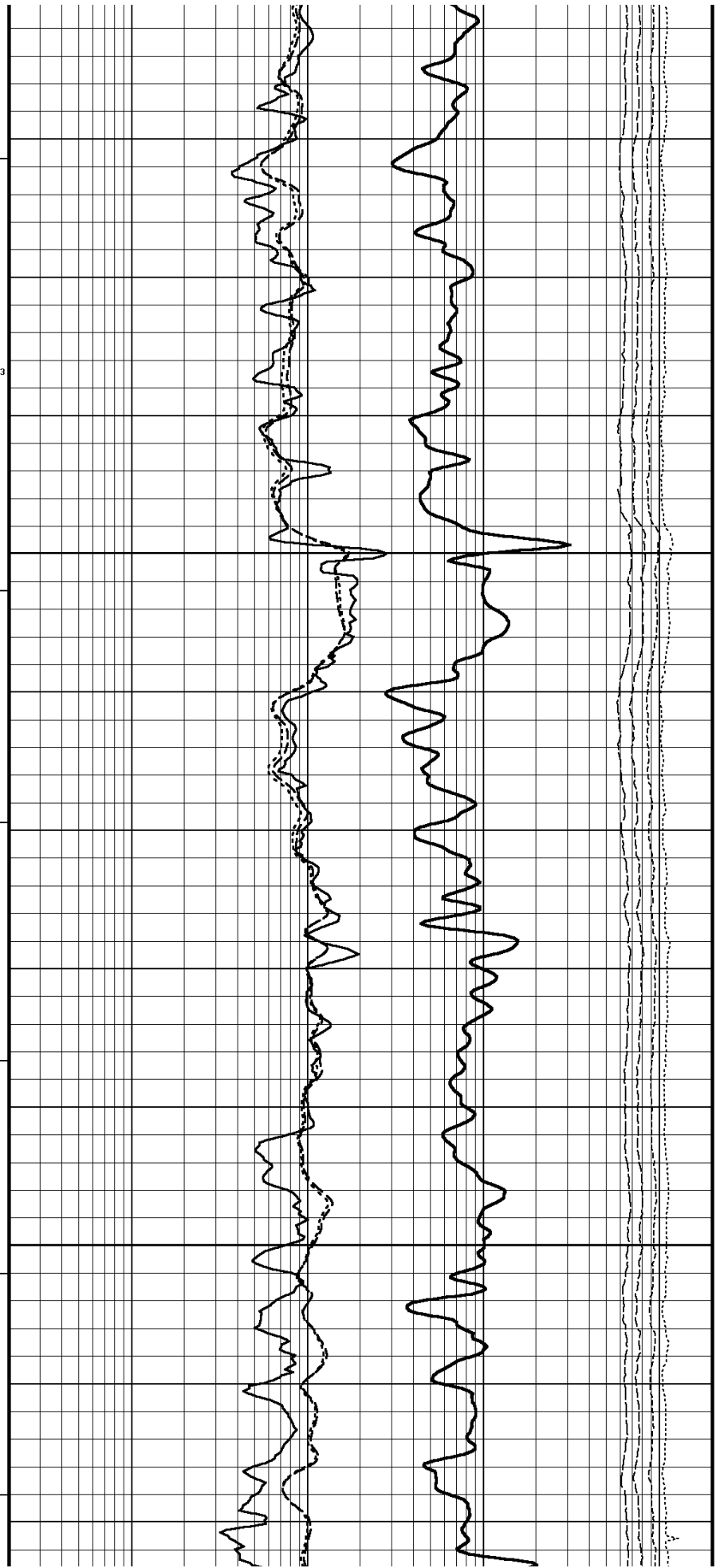


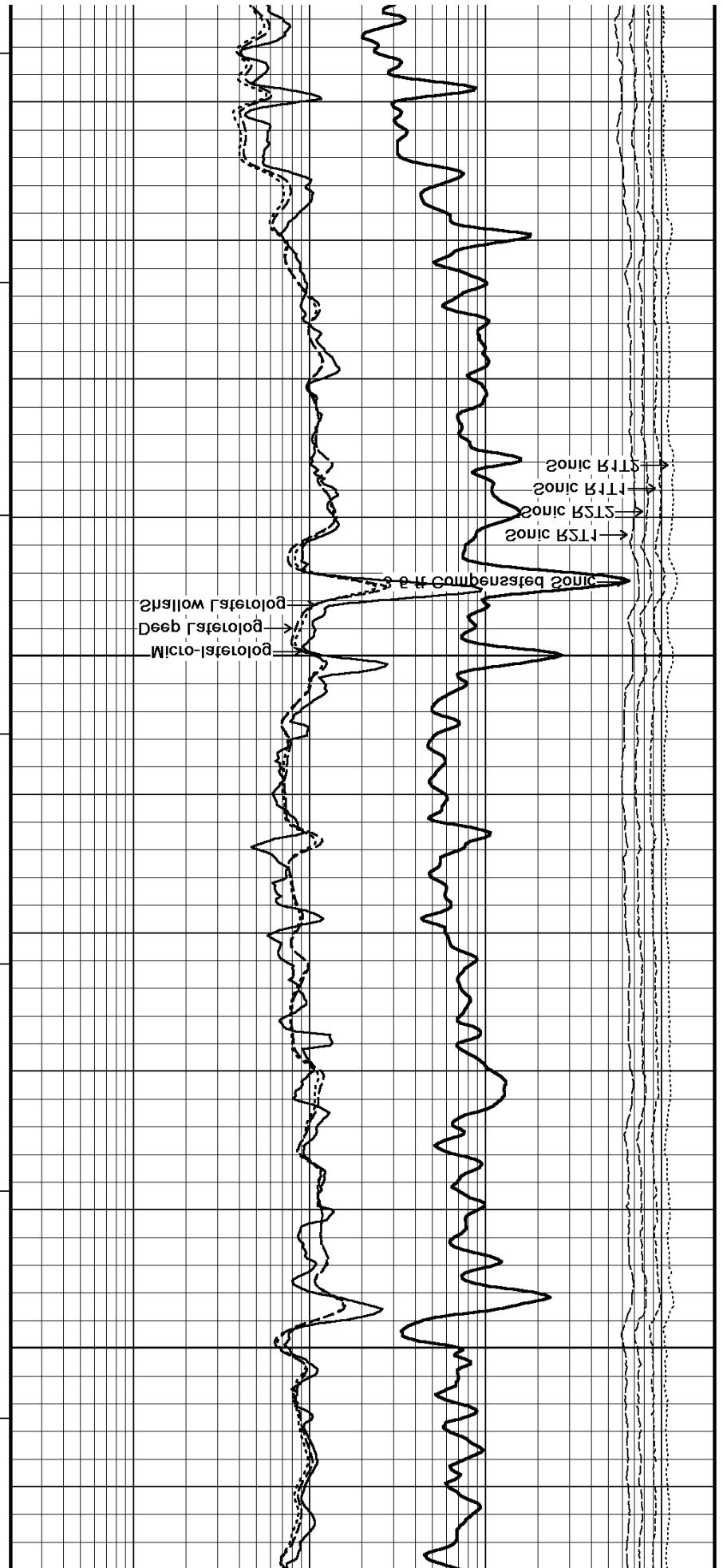
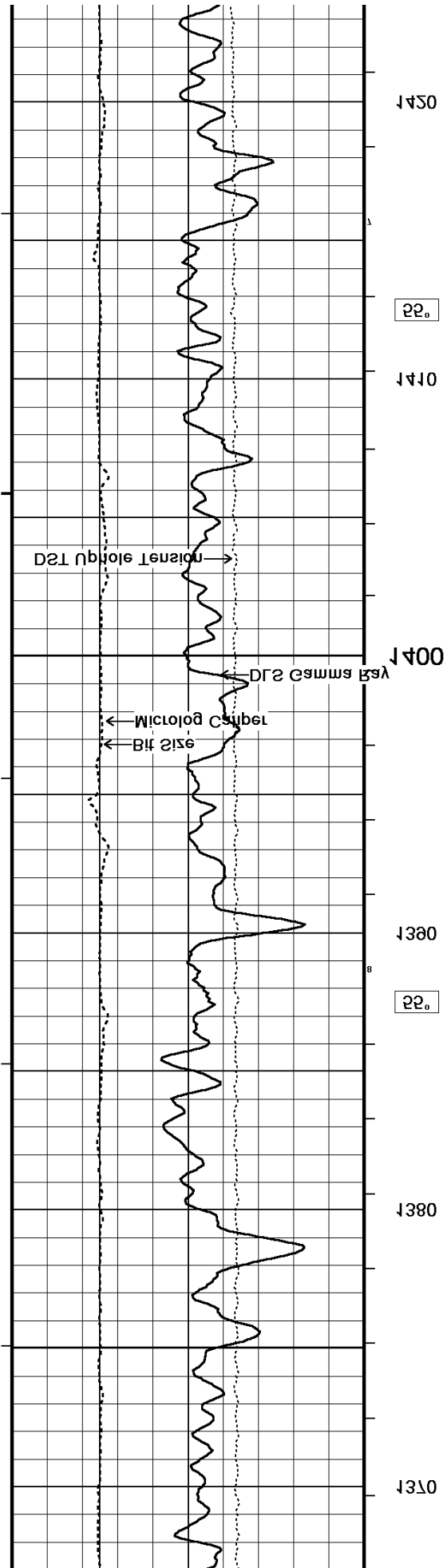


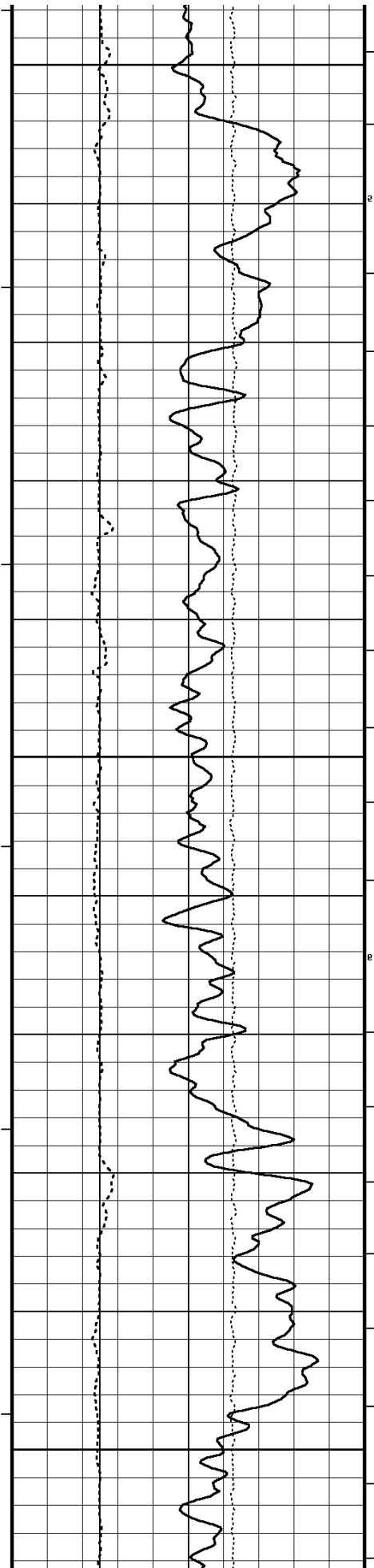




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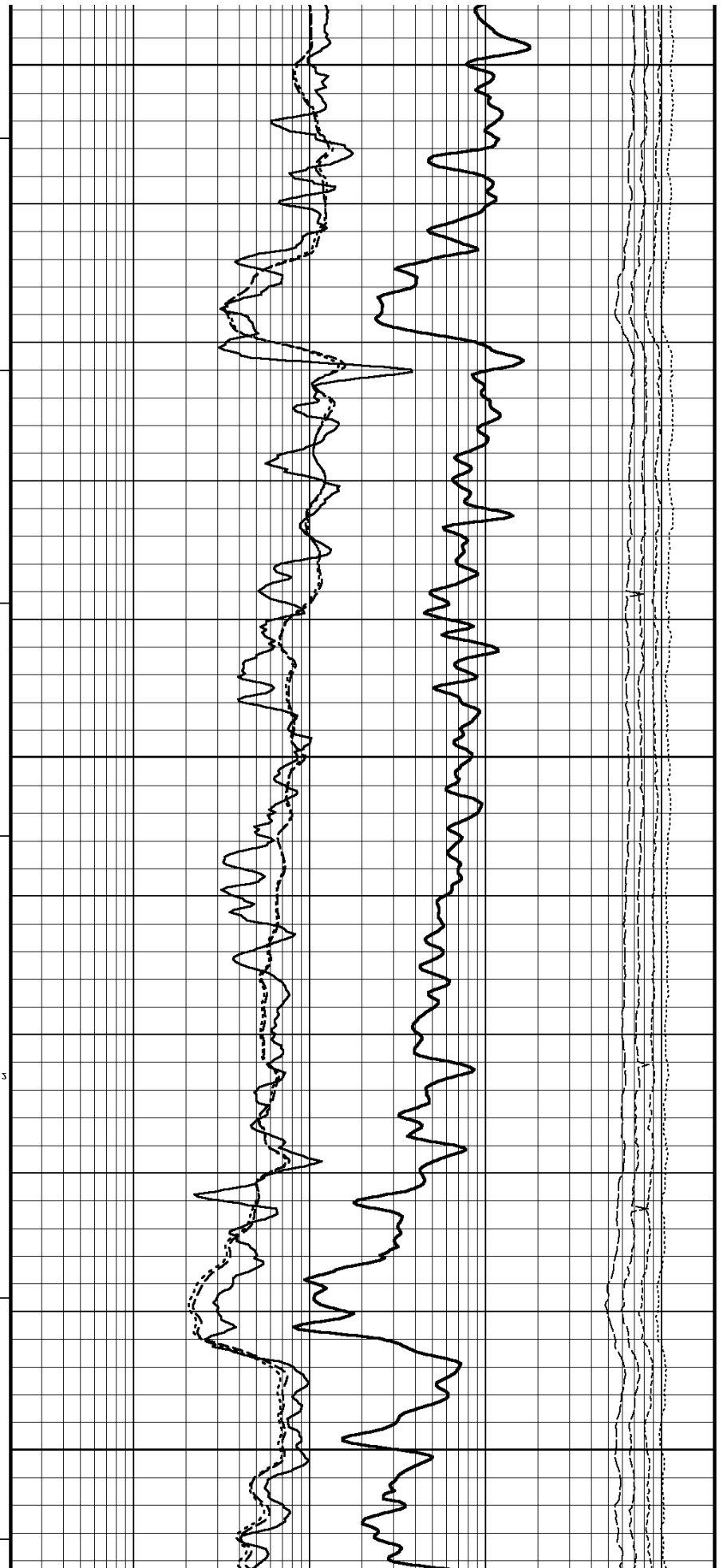
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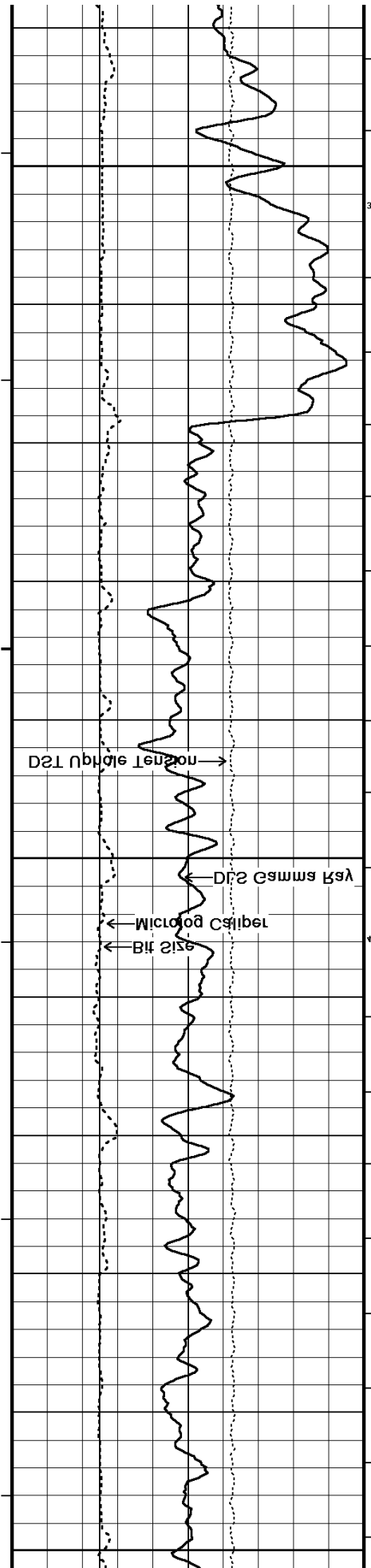
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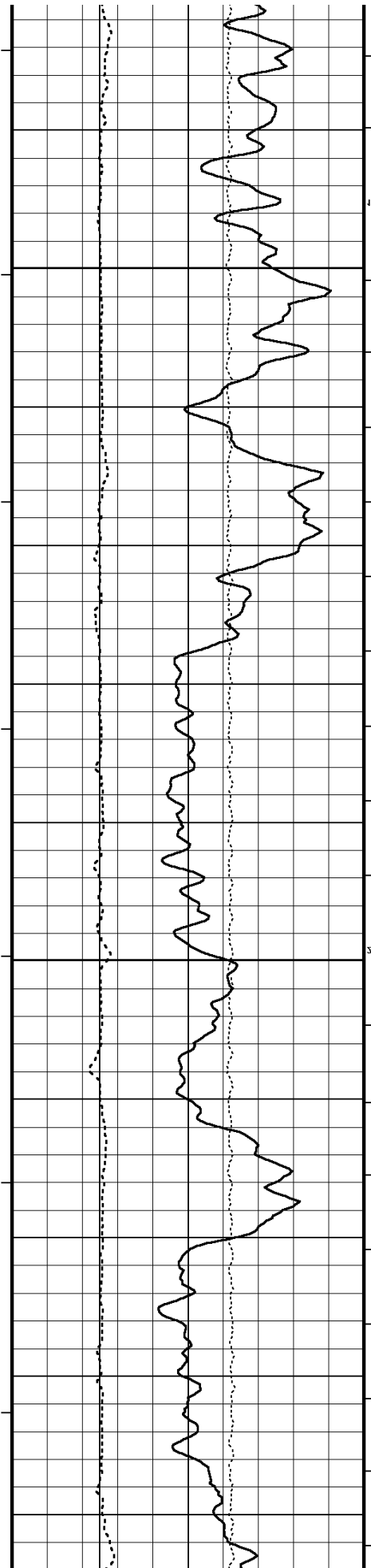
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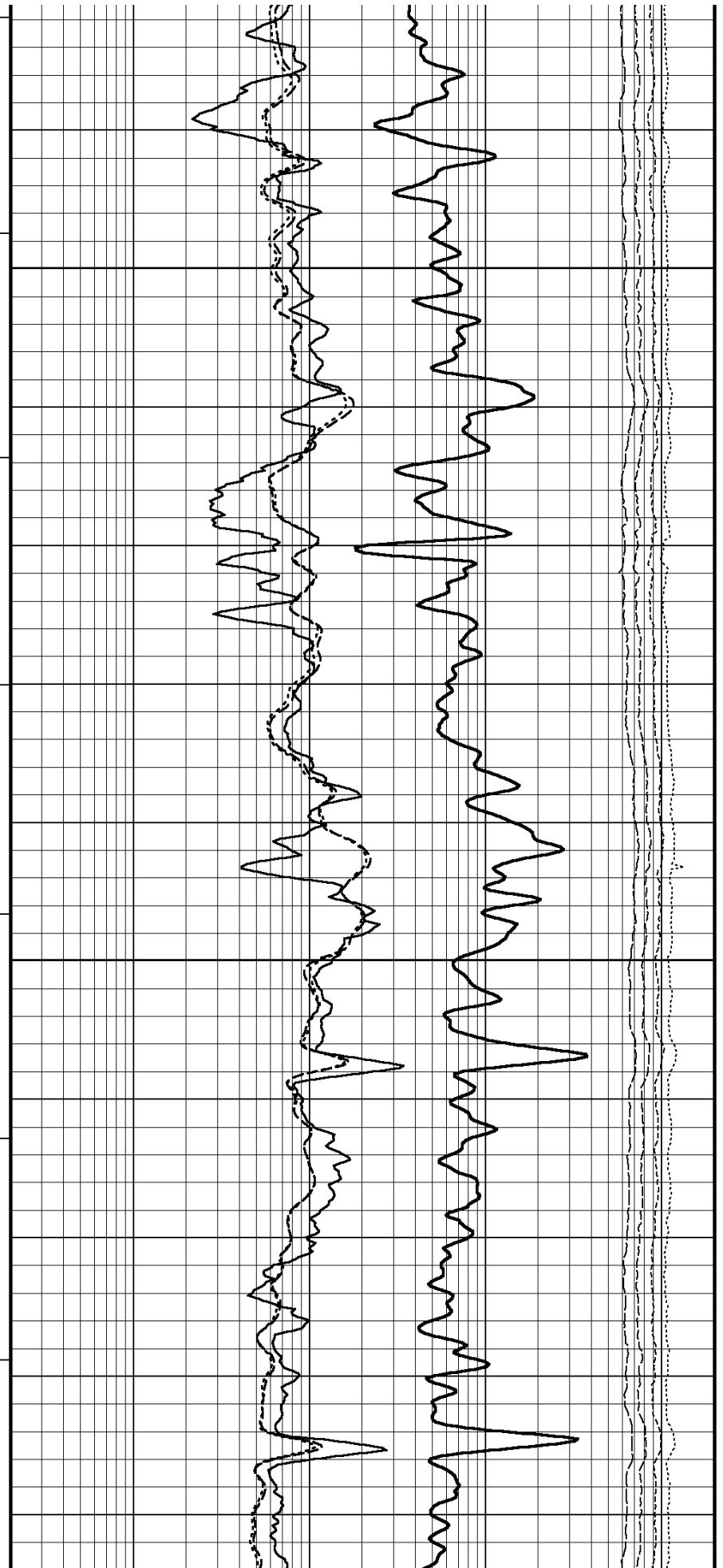
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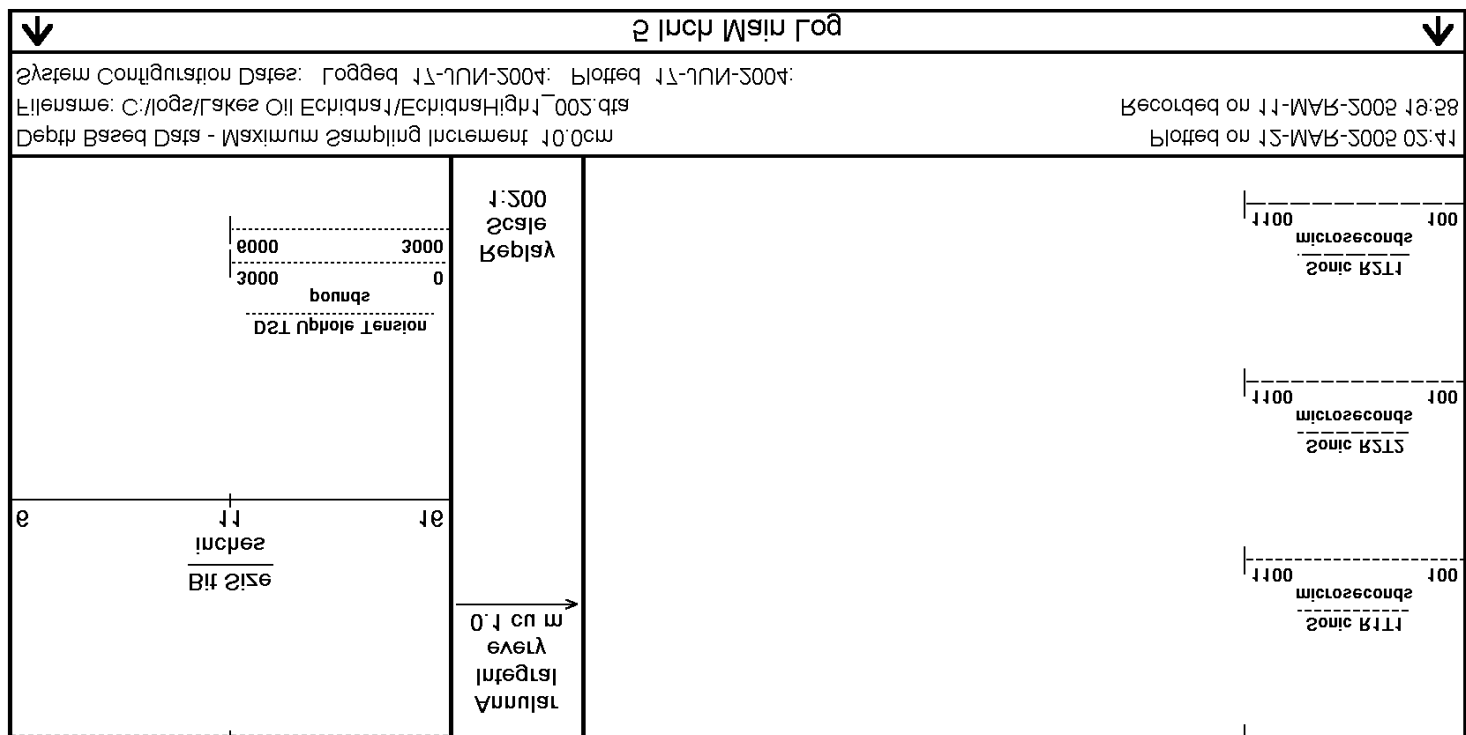
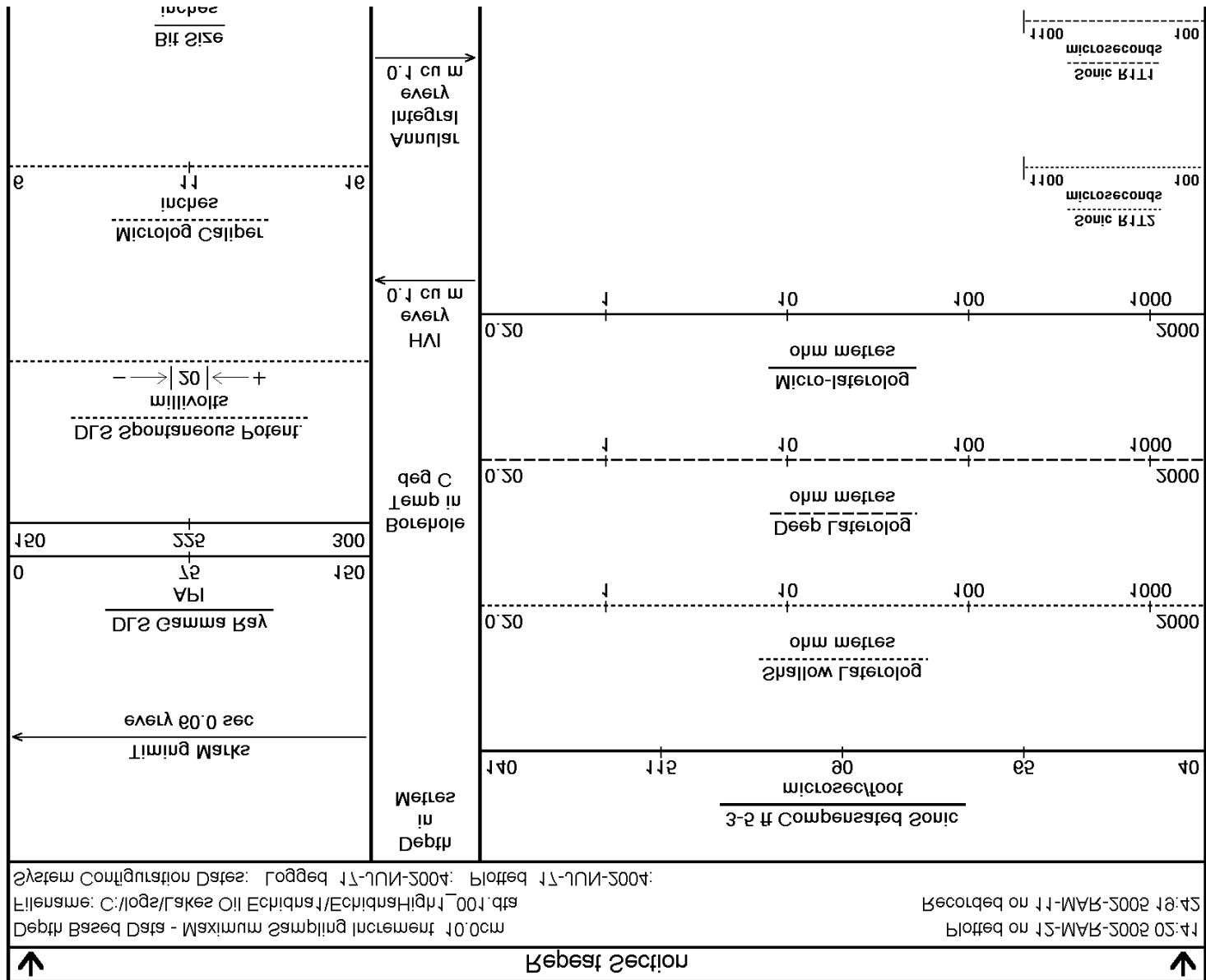
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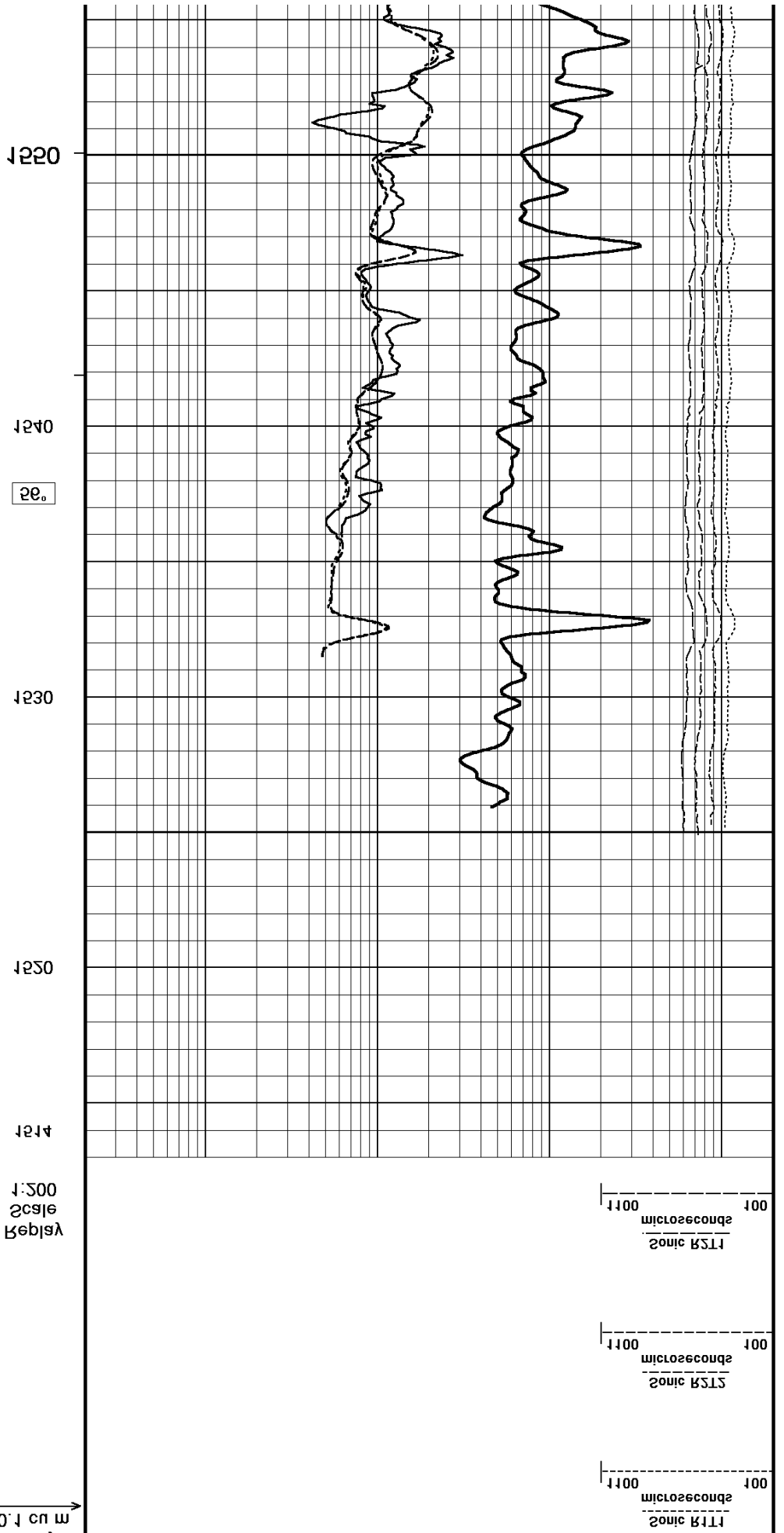
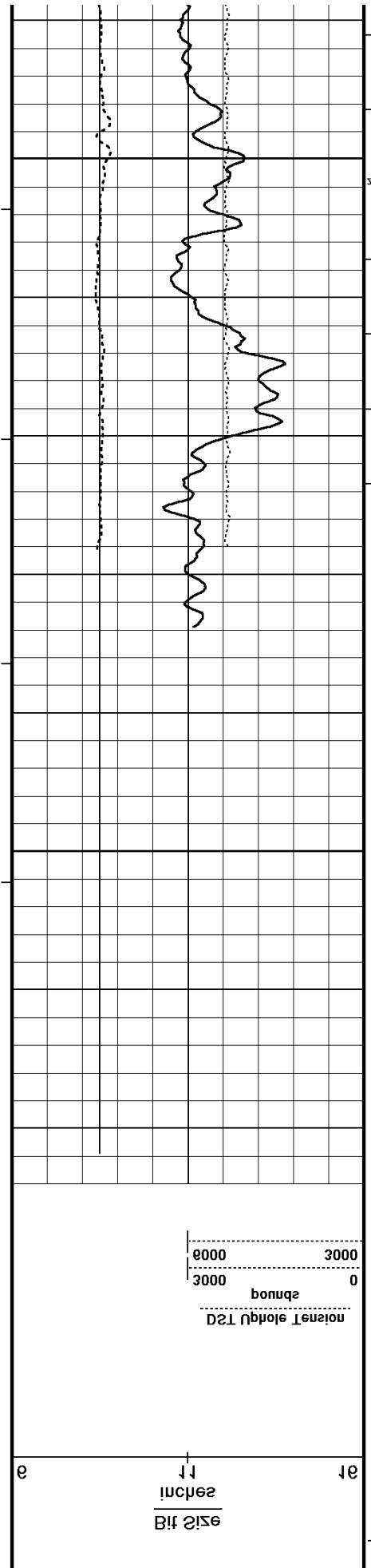
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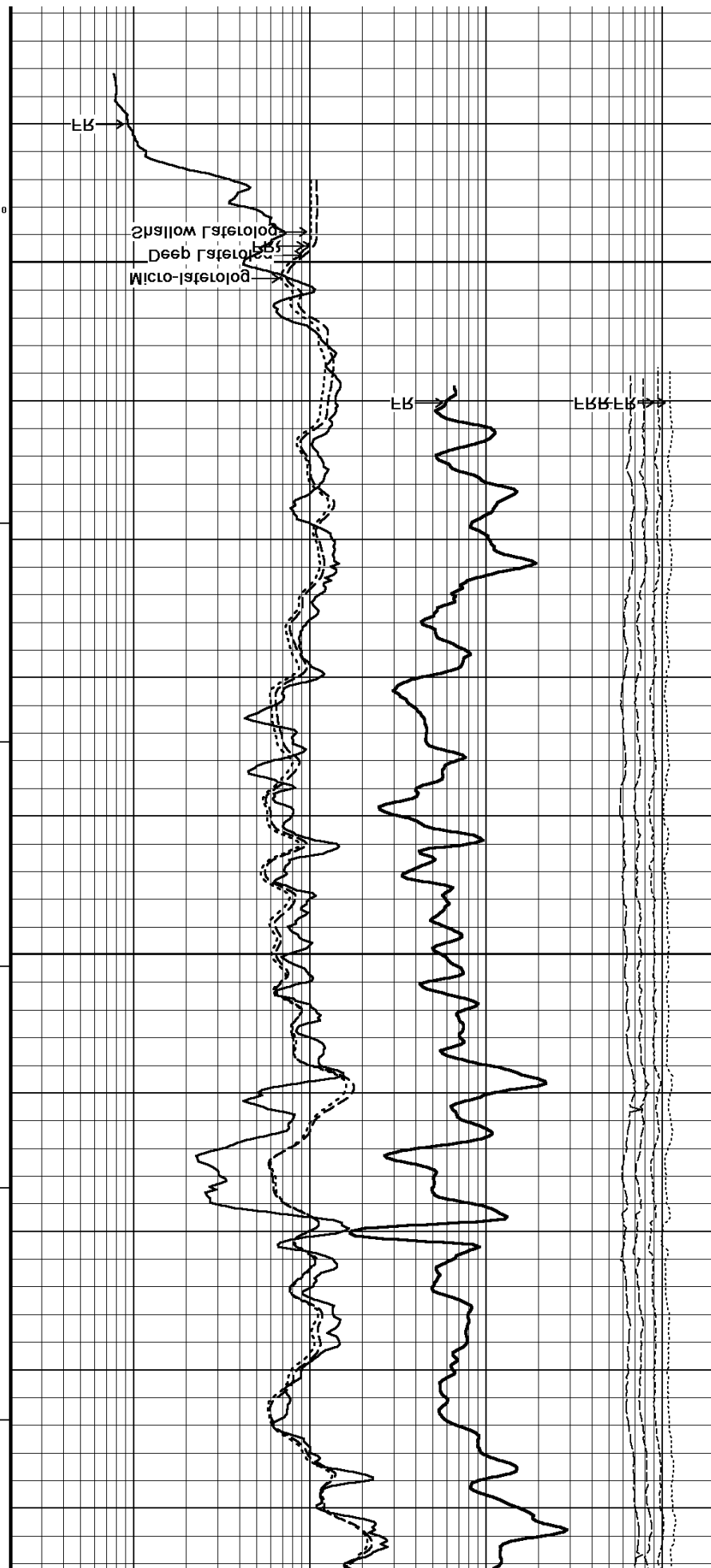
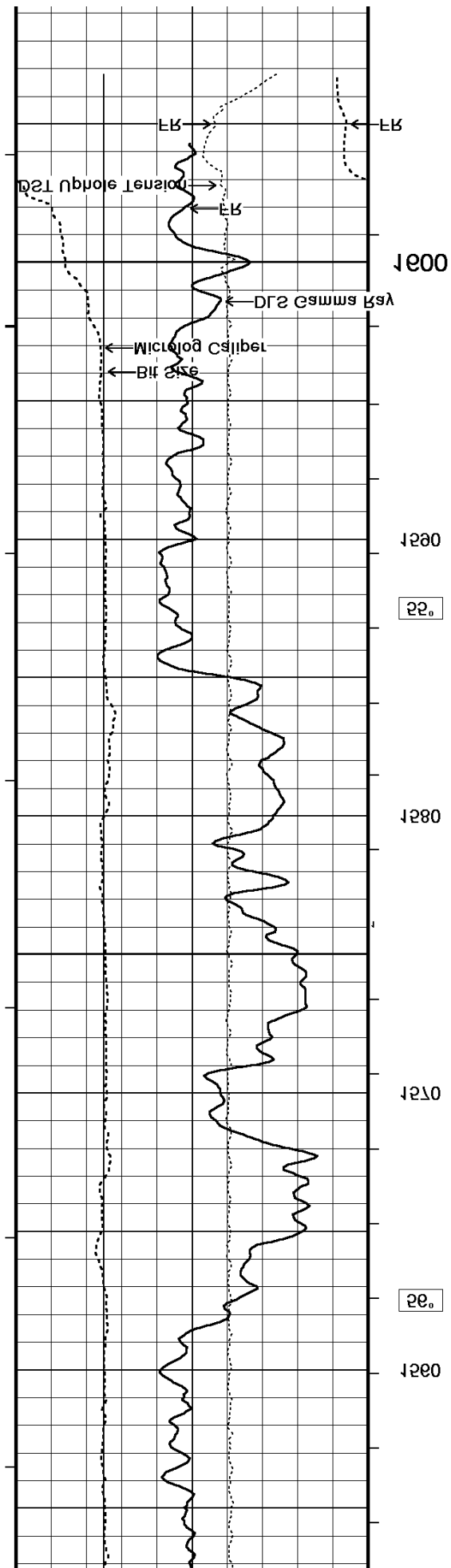




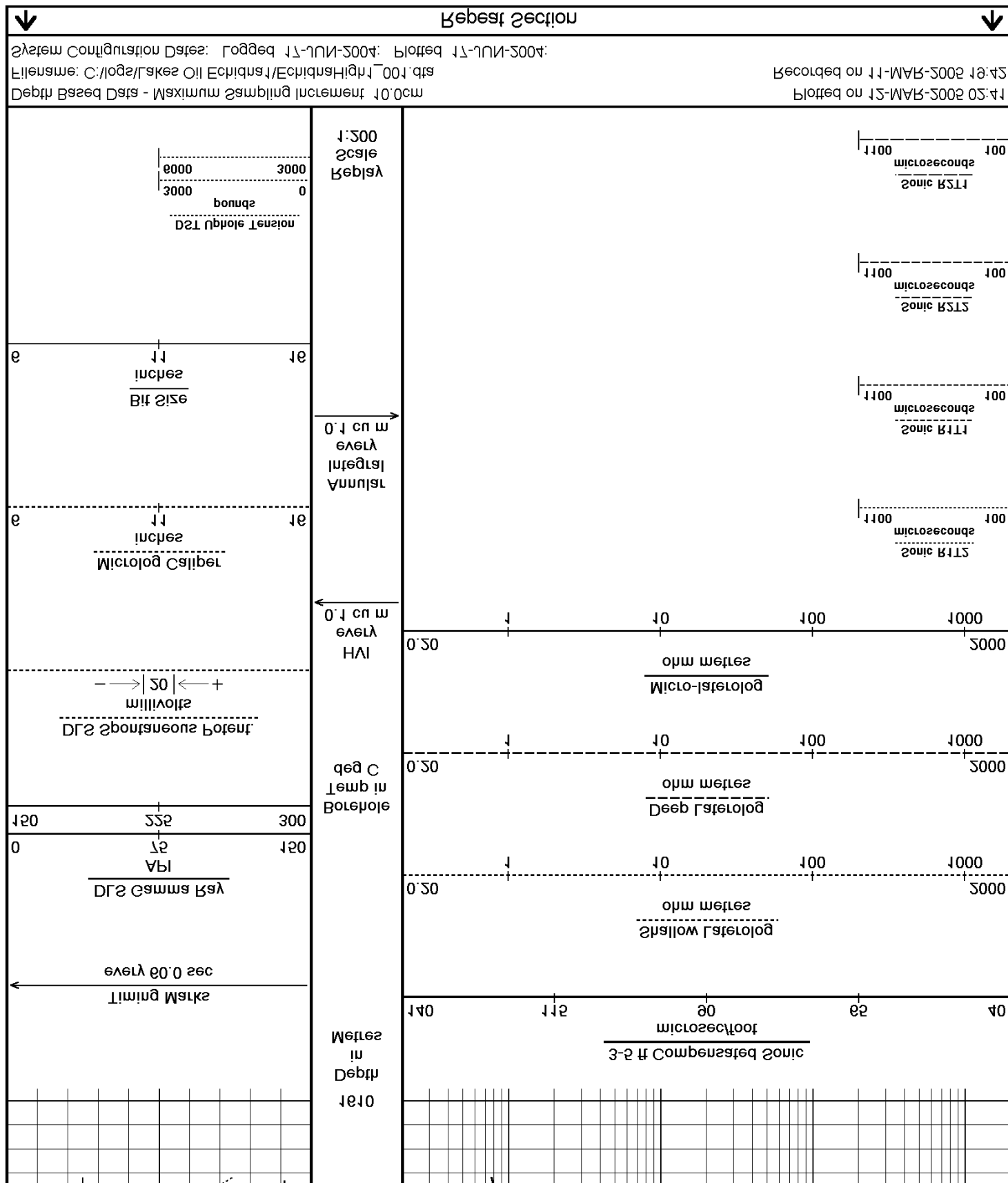








## BEFORE SURVEY CALIBRATION



Reference 5	-1014.8	-1000.0
Reference 1	1022.3	1000.0
	Measured	Calibrated (mV)

Field Calibration on 10-MAR-2002 12:55

## 2P Calibration DFB 002

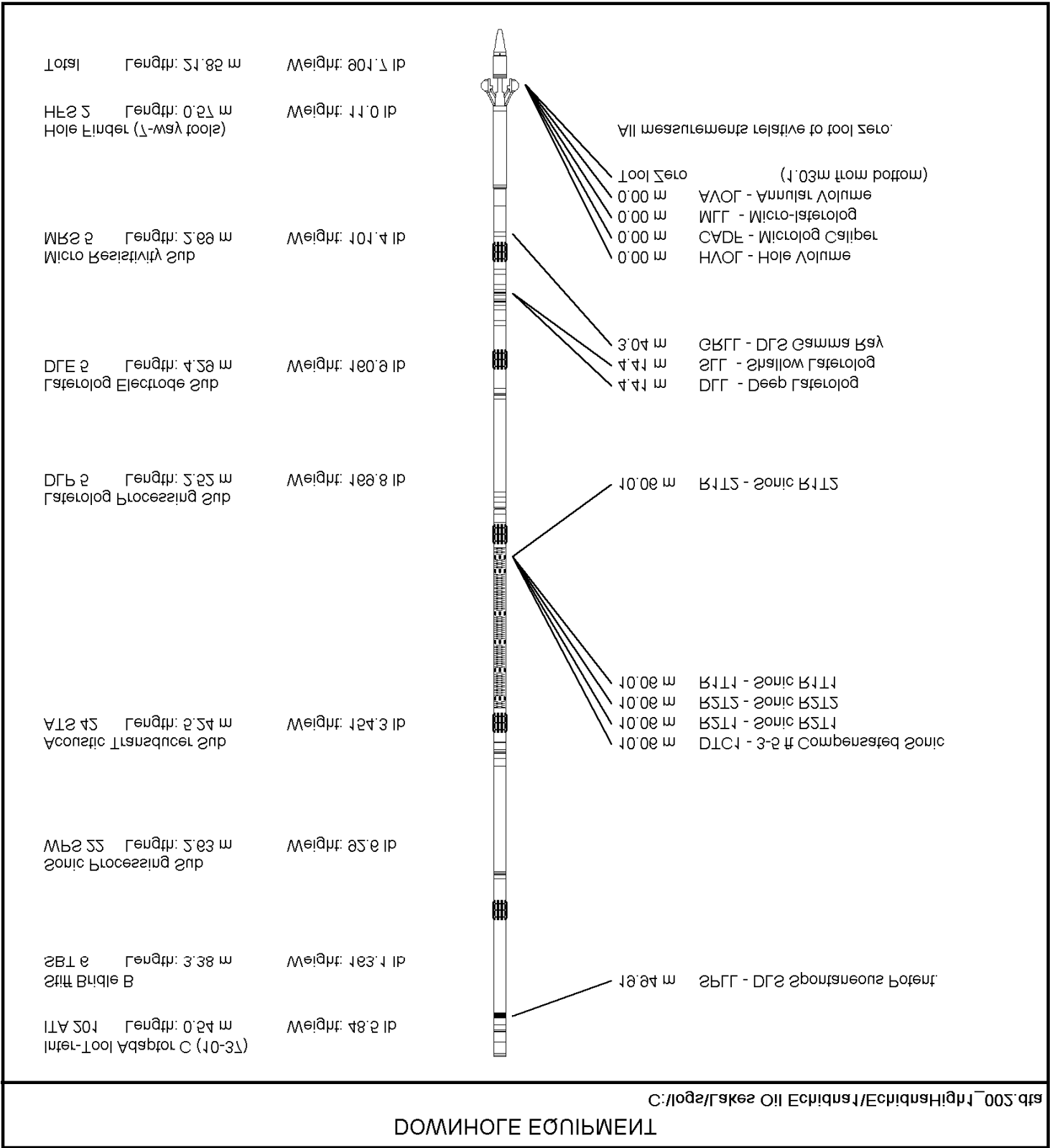
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Waveform Gain Factor	N/A	
Waveform	N/A	
Peak Gain Factor	N/A	
Peak Window Width	N/A	micro-sec
Peak Window Start	N/A	micro-sec
Peak Window Position	N/A	
Peak Channel	N/A	
CBG Waveform Parameters		
Waveform 5 for Attenuation	N/A	
Waveform 1 for Attenuation	N/A	
Invert M3TI	N/A	
Waveform Gain Applied	N/A	
Auto Range	N/A	
Interval Pair 5	N/A	
Interval Pair 1	N/A	
1 Velocity Desbiker	N/A	N/A
2 Velocity Desbiker	N/A	N/A
Significance Level	N/A	
Time Factor	N/A	
Window Width	N/A	
Standoff	N/A	N/A
Waveform Parameters		
MX3ET	N/A	micro-sec
MX3ET	N/A	micro-sec
Received Signal Polarity	Normal	
Transmitter 5 Switch	Normal	
Transmitter 1 Switch	Normal	
Initial Discriminator Level 4	1.00	volts
Initial Discriminator Level 3	1.00	volts
Initial Discriminator Level 5	1.00	volts
Initial Discriminator Level 1	1.00	volts
Correction for Sonde Skew	Applied	
Sonic used for Porosities	0	
Dolomite Transit Time	43.20	micro-sec/ft
Sandstone Transit Time	28.20	micro-sec/ft
Limestone Transit Time	47.20	micro-sec/ft
Fluid Transit Time	189.00	micro-sec/ft
Maximum Boundary Contrast	100.00	micro-sec/ft
Sonde Mode	Compensated	

## Long spaced Sonic Constants AT2 045

BWA Constant M	5.120	
BWA Constant A	0.010	
Resistivity used	Deep Geology	
Porosity used	Limestone Sonic Porosity	
BWA Parameters		
Caliper for Differential Caliper	Microlog Caliper	
Annular Volume Diameter	1.000	inches
HLOG Caliper 5	Microlog Caliper	
HLOG Caliper 1	Microlog Caliper	
Hole/Annular Volume and Differential Caliper Parameters		
Density/Neutron Processing	Wet Hole	
Water Level	0.000	metres
Mud Resistivity Temperature	25.000	degrees C
Mud Resistivity	0.138	ohm-metres
General Parameters		

## General Constants All 000

Field Calibration	Measured Caliber (in)	Actual Caliber (in)	
0	N/A	N/A	
2	302011	11.401	
4	530104	11.85	
3	182381	10.01	
5	130448	8.01	
1	81302	2.00	
Reading No	Measured	Calibrator Size (in)	
Base Calibration			Field Calibration on 10-MAR-2002 12:53 Base Calibration on 3-MAR-2002 11:10
Caliber Calibration MB2 002			
Standoff Offset	N/A	inches	
Micro Laterolog K Factor	0.0530		
Micro Laterolog Constants MB2 002			
	11.3	11.4	
	Base Check (ohm-m)	Field Check (ohm-m)	
	10.5	0.5	
	Ref 1	Ref 1	
	Measured	Calibrated (ohm-m)	
Base Calibration			Field Check on 10-MAR-2002 12:54 Base Calibration on 3-MAR-2002 11:10
Micro Laterolog Calibration MB2 002			
Concentration of KCl	0.00	ppbw	
Tool Position	Centered		
Caliber source for Processing	Microlog Caliber		
Mud Density	1.53	gm/cc	
Gamma Calibrator Number	145		
Gamma Constants DGE 002			
Calibrator (Net)	1002	854	
Calibrator (Gross)	1021	801	
Background	25	43	
	Measured	Calibrated (API)	Field Calibration on 10-MAR-2002 12:55
Gamma Calibration DGE 002			
Interference Rejection	20 Hz		
Deep Dive	On		
Voltage Reference	Armonul		
Groundem Laterolog K Factor	0.8500		
Deep Laterolog K Factor	0.8500		
Shallow Laterolog K Factor	1.4300		
Shallwer Start	40000	ohm-m	
Laterolog Constants DGE 002			
Groundem	02.8	02.8	
Deep	02.8	02.8	
Shallow	114.4	114.4	
Channel	Base Check (ohm-m)	Field Check (ohm-m)	
Groundem	0.0	0.0	
Deep	0.0	0.0	
Shallow	0.0	0.0	
Channel	Resistor 1	Resistor 1	
	Resistor 2	Resistor 2	
	Measured	Calibrated (ohm-m)	
Base Calibration			Field Check on 10-MAR-2002 12:53 Base Calibration on 10-MAR-2002 14:40
Laterolog Calibration DGE 002			
Interference Rejection	20 Hz		
2B Constants DGB 002			
Reference 5	-1014.8	-1000.0	
Reference 1	1022.3	1000.0	





GAMMA BAY LOG  
COMPENSATED SONIC  
DUAL GATE LOG

Elevation Ground Level	08.00	metres	Depth Logger	1008.00	metres
Elevation Drill Floor	11.00	metres	Depth Driller	1008.00	metres
Elevation Kelly Bushing	11.00	metres	First Reading	1008.00	metres

COUNTRY\STATE            AUSTRALIA \ VICTORIA  
PROVINCE\COUNTY        STRADBROKE  
FIELD                      ECHIDNA  
WELL                        GUMMERS LICK HOLE