COMPENSATED DENSITY SIDEWALL NEUTRON MICROLOG

Company T & R OIL COMPANY
Well DENTON # 15
Field GRAND SUMMIT
County COWLEY
State KANSAS

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Well DENTON # 15
Field GRAND SUMMIT
County COWLEY **State** KANSAS

Location: API # : 15-035-24603-0000

E/2 SW SE SE
330' FSL & 690' FEL

SEC 4 TWP 31S RGE 8E

Other Services
DIL

Permanent Datum	GL	Elevation	1428'
Log Measured From	KB		
Drilling Measured From	KB		

Elevation
K.B. 1432'
D.F. 1431'
G.L. 1428'

Date	9-27-2014		
Run Number	ONE		
Depth Driller	3100'		
Depth Logger	3098'		
Bottom Logged Interval	3096'		
Top Log Interval	1400'		
Casing Driller	8 5/8" @ 213'		
Casing Logger	8 5/8" @ 213'		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEM-GEL		
Density / Viscosity	9.2 / 55		
pH / Fluid Loss	10.0 / 10.8		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	1.40 @ 75		
Rmf @ Meas. Temp	1.62 @ 75		
Rmc @ Meas. Temp	1.22 @ 75		
Source of Rmf / Rmc	CAL		
Rm @ BHT	1.02 @ 107		
Time Circulation Stopped	6:00 AM		
Time Logger on Bottom	10:45 AM		
Maximum Recorded Temperature	107		
Equipment Number	OW2		
Location	HOMINY ,OK		
Recorded By	LOWERY		
Witnessed By	MR. PATTESON		

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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 interpretation, and we shall not, except in the case of gross or willful 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 set out in our current Price Schedule.

Comments

OW2-8737
MATRIX LIMESTONE 2.71 G/CC
ABHV COMPUTED WITH 5 1/2" CASING

CREW : SHAMBLES

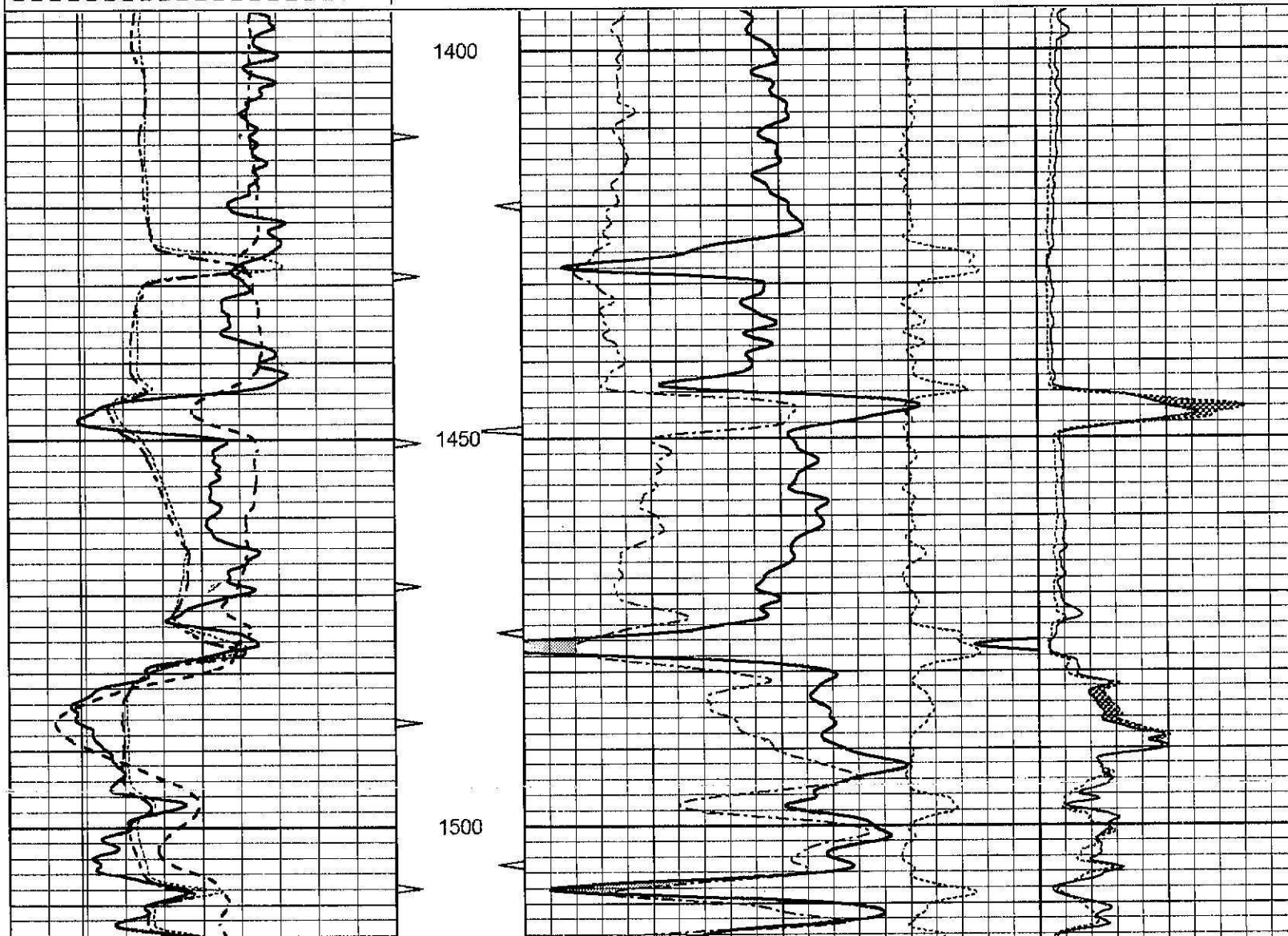


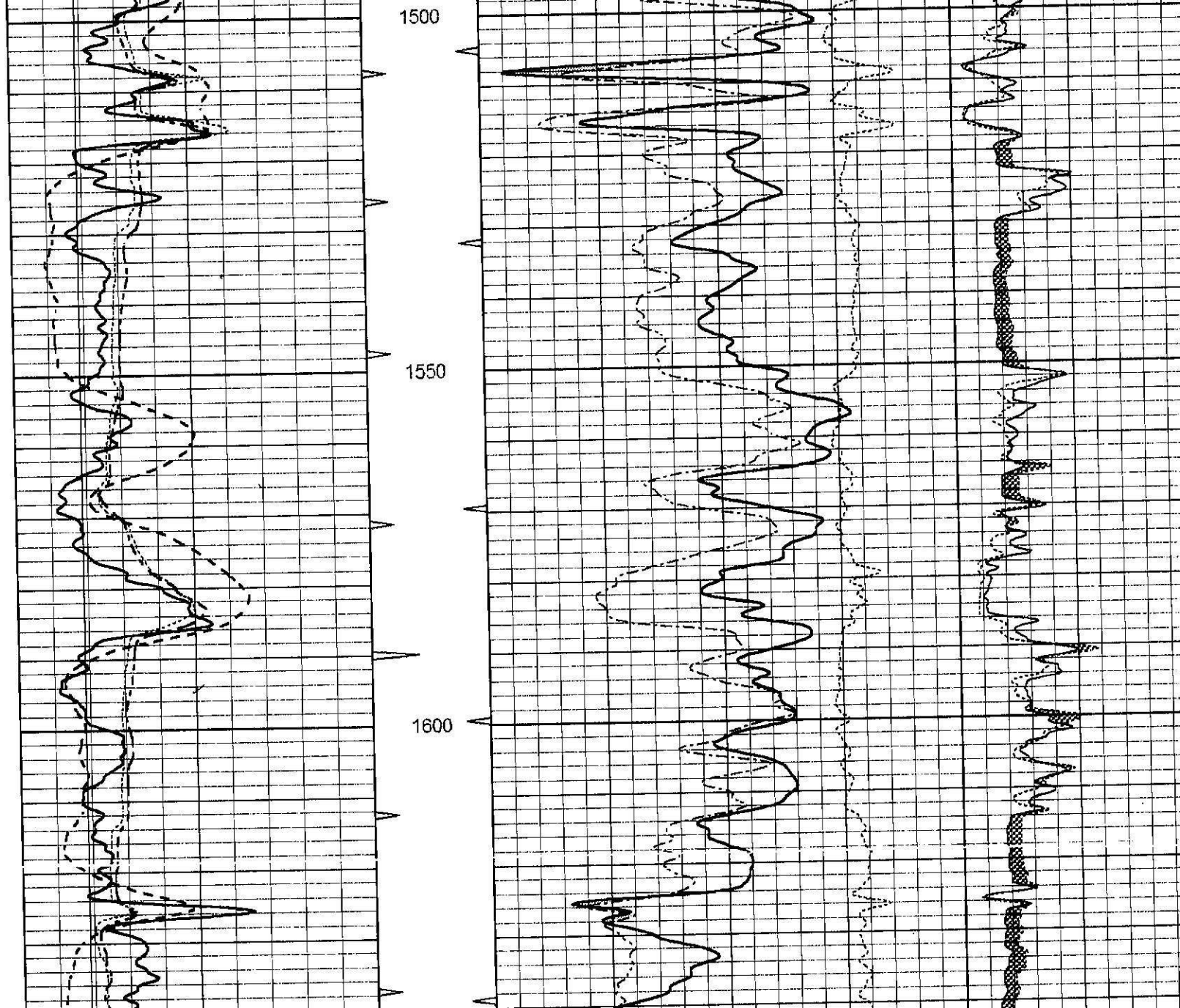
5" CDL/SWN MICROLOG

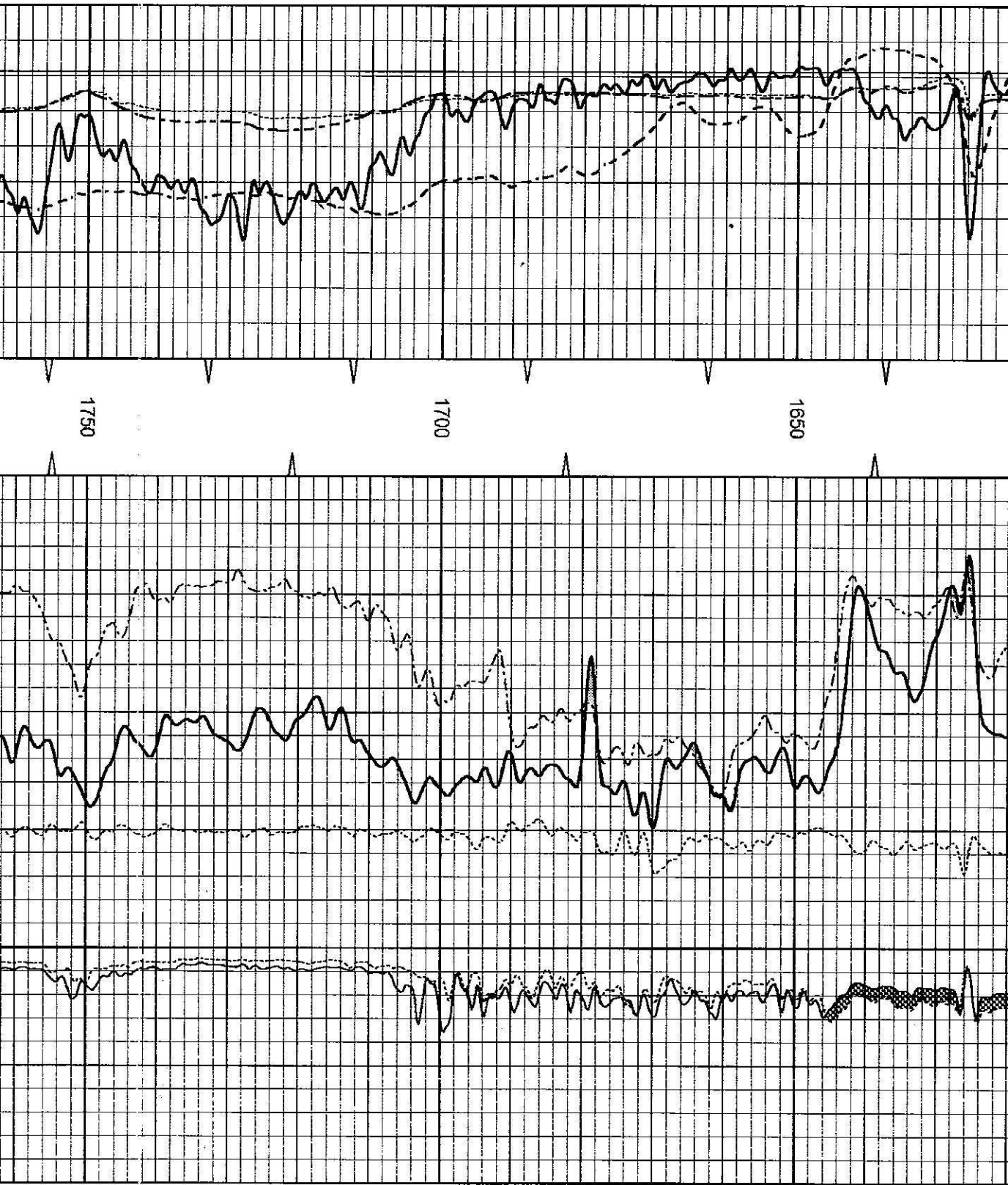
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Presentation Format	den-melpr
Dataset Creation	Sat Sep 27 12:21:27 2014
Charted by	Depth in Feet scaled 1:240

0	Gamma Ray (GAPI)	150	TBHV	30	Density Porosity (pu)	-10		Micro Inverse		
6	Bit size (in)	16	ABHV	30	Neutron Porosity (pu)	-10	0	(Ohm-m)	40	
6	Density Caliper (in)	16			-0.5 Correction (g/cc)	0.5		Micro Normal		
6	Micro Caliper (in)	16					0	(Ohm-m)	40	
0	SP (mV)	200								

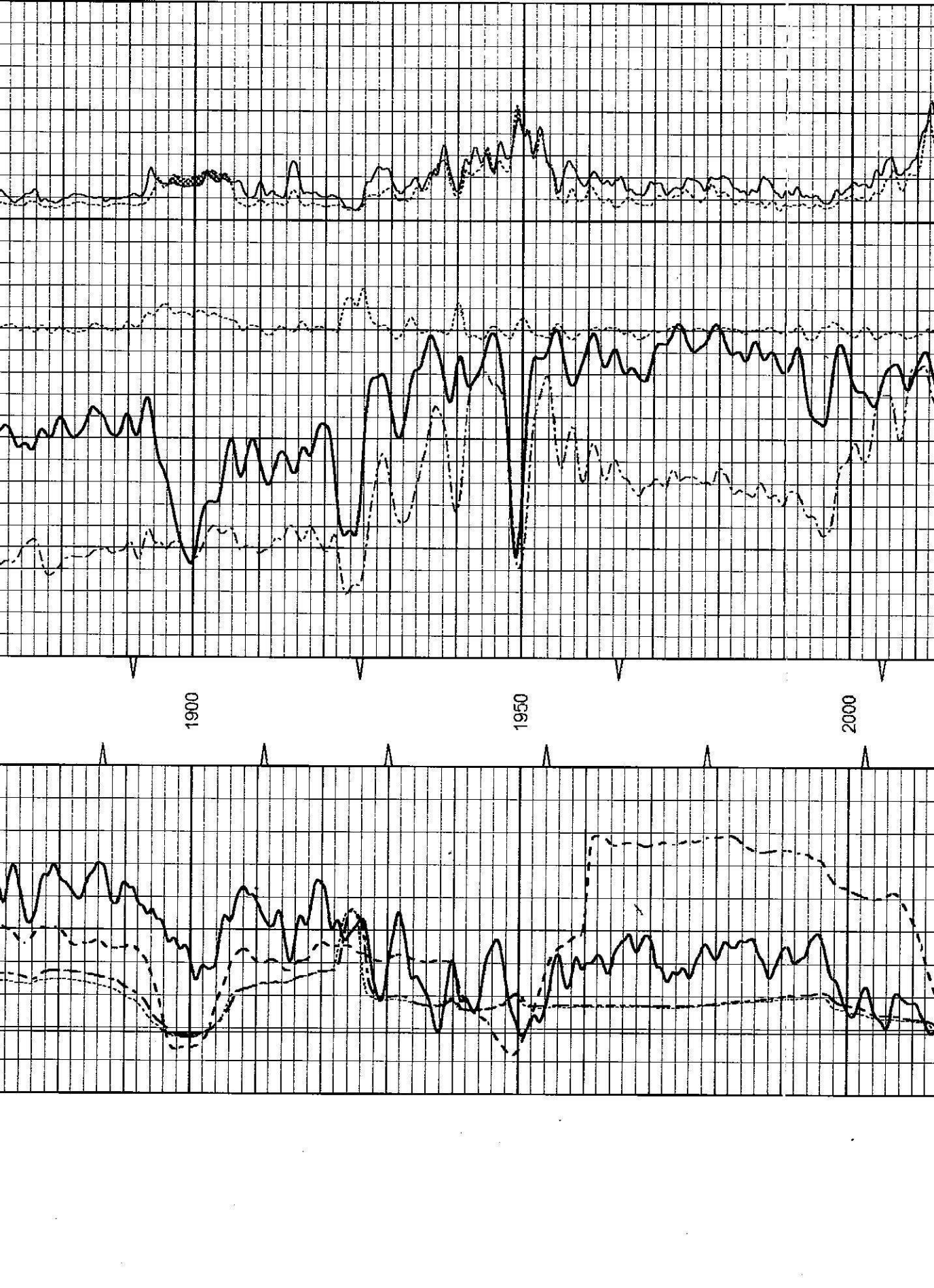
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6	Bit size (in)	16	ABHV	30	Neutron Porosity (pu)	-10	0	(Ohm-m)	40
6	Density Caliper (in)	16			-0.5 Correction (g/cc)	0.5		Micro Normal	
6	Micro Caliper (in)	16					0	(Ohm-m)	40
0	SP (mV)	200							

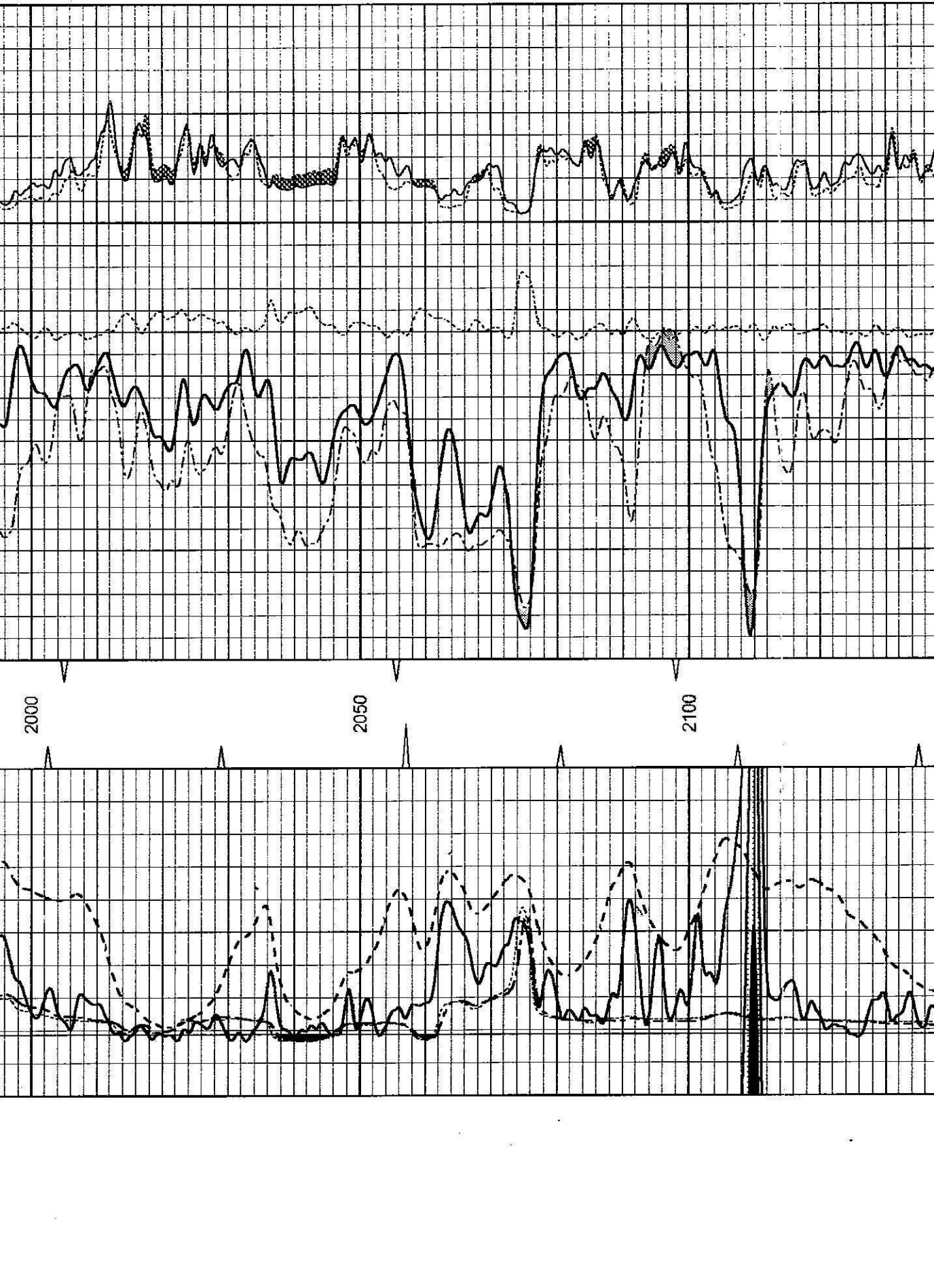


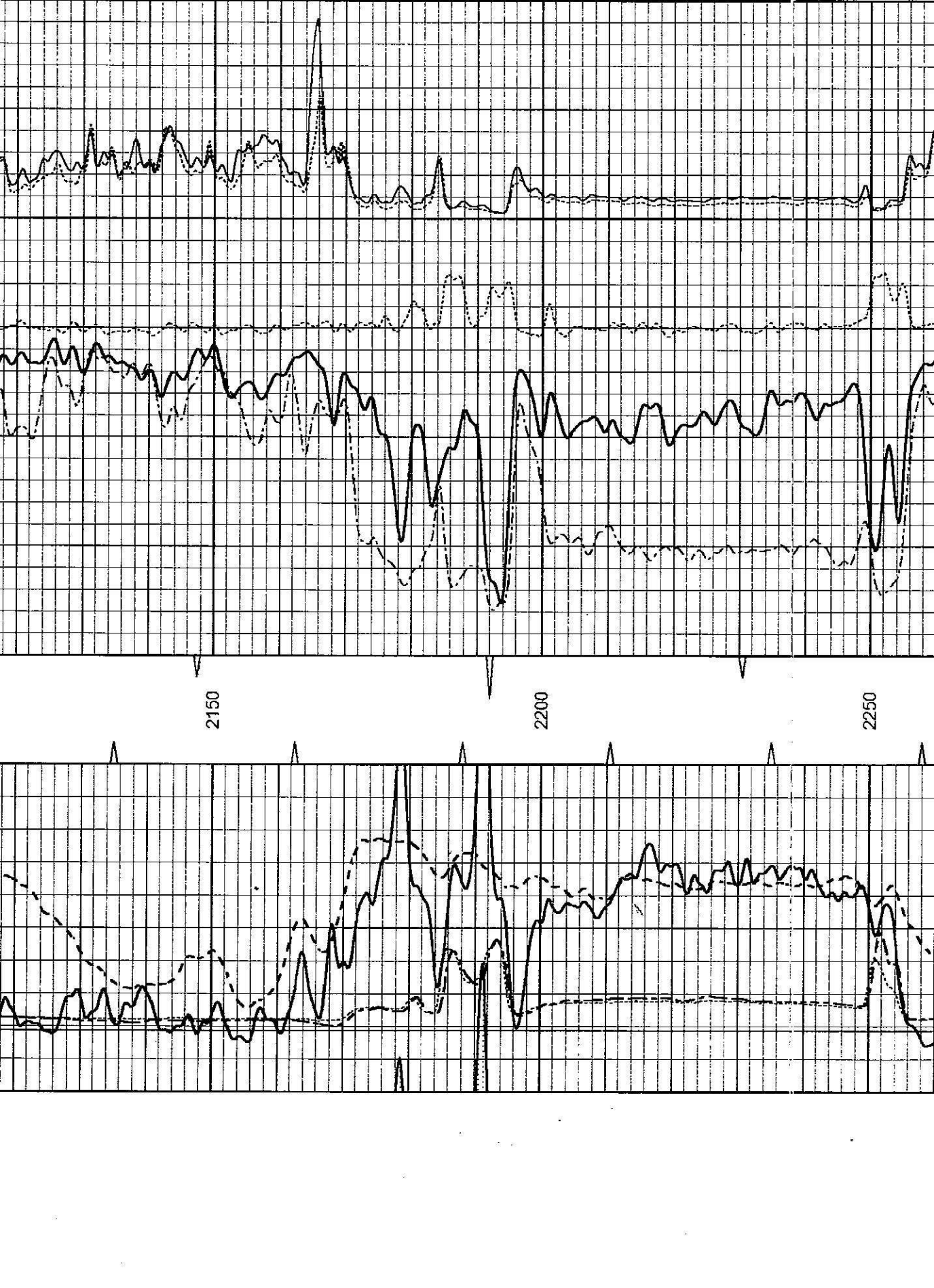

1500
1550
1600

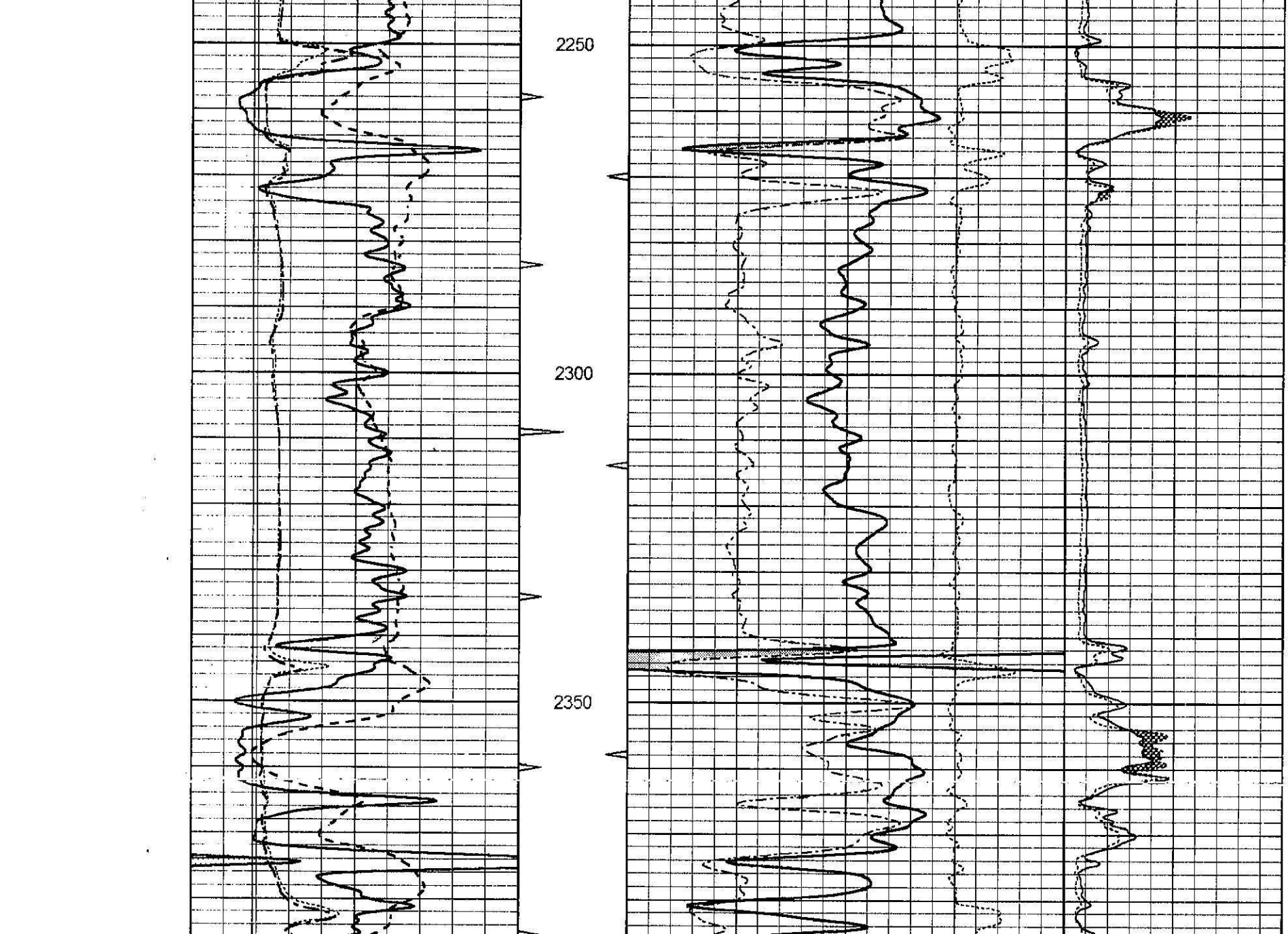

1750
1700
1650

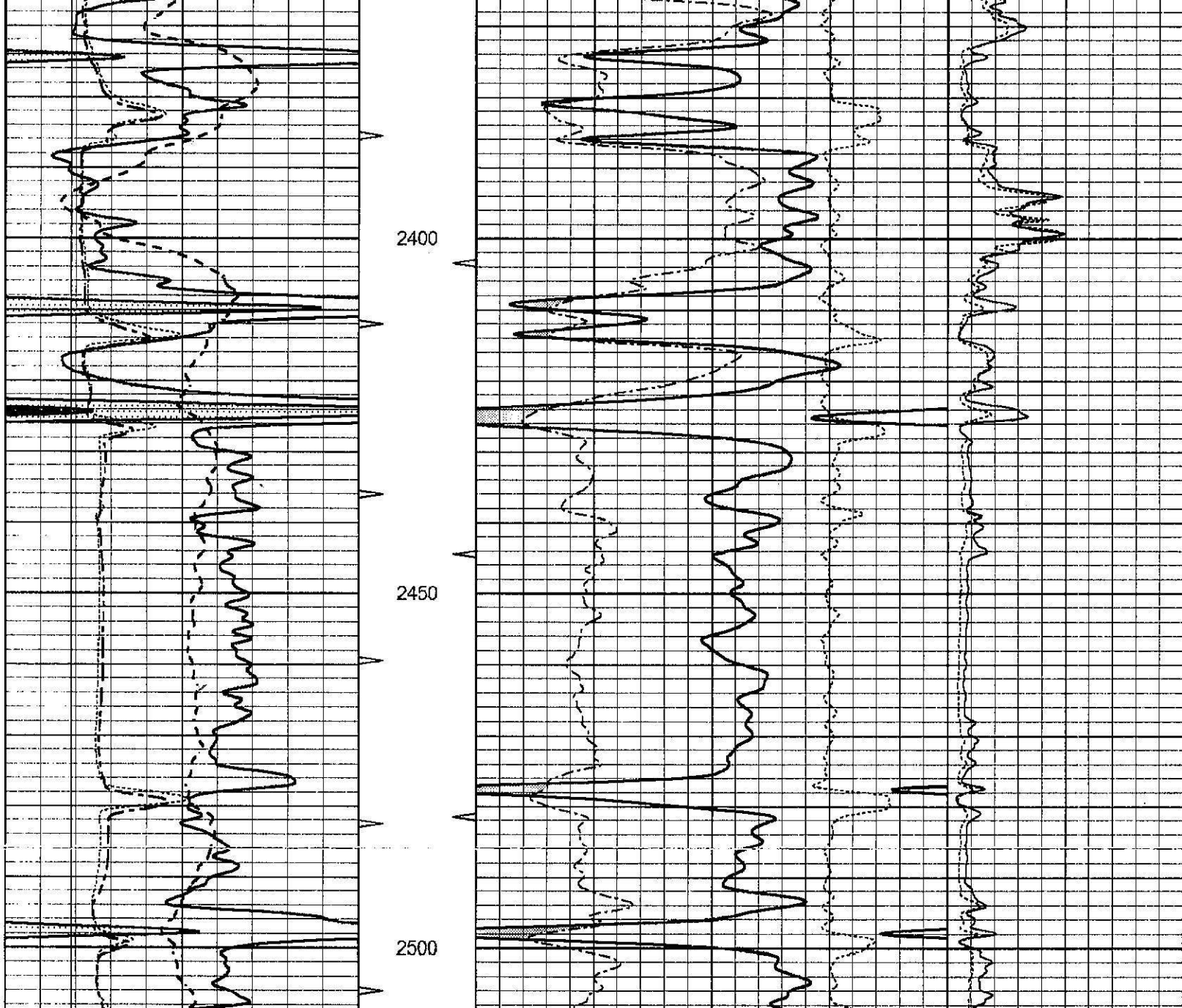

1850
1800
1750

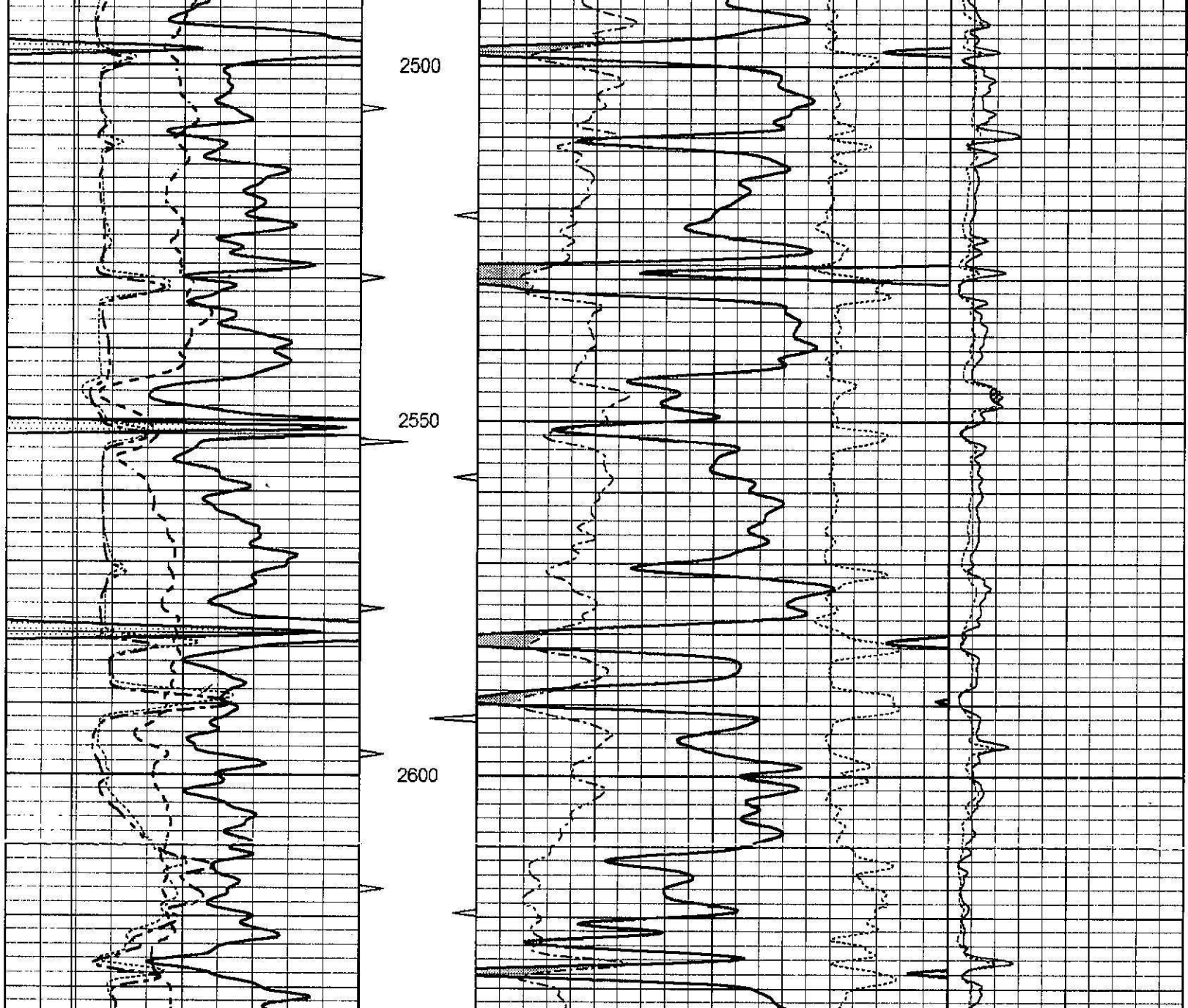

1900
1950
2000

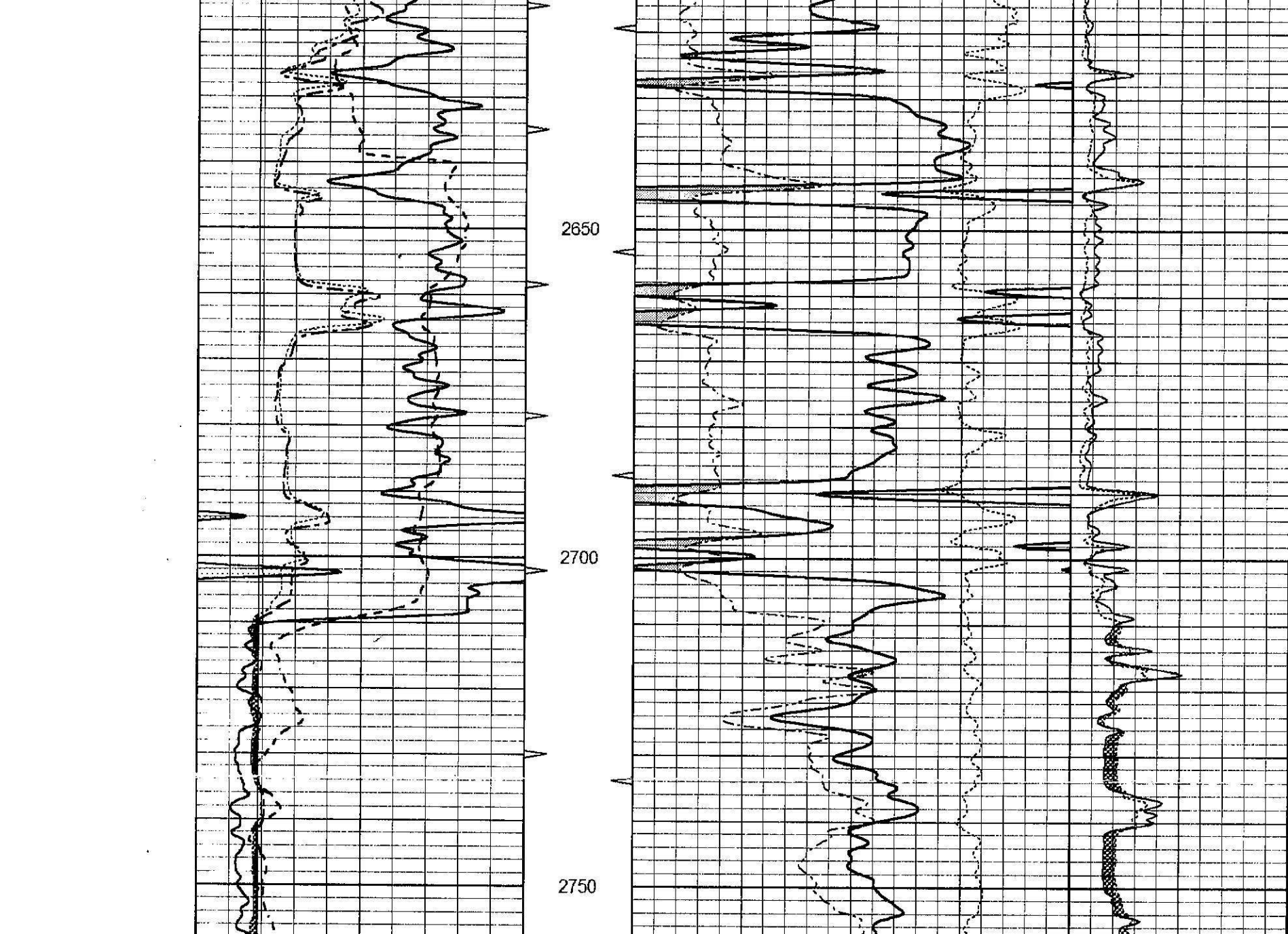

2000
2050
2100


2150
2200
2250

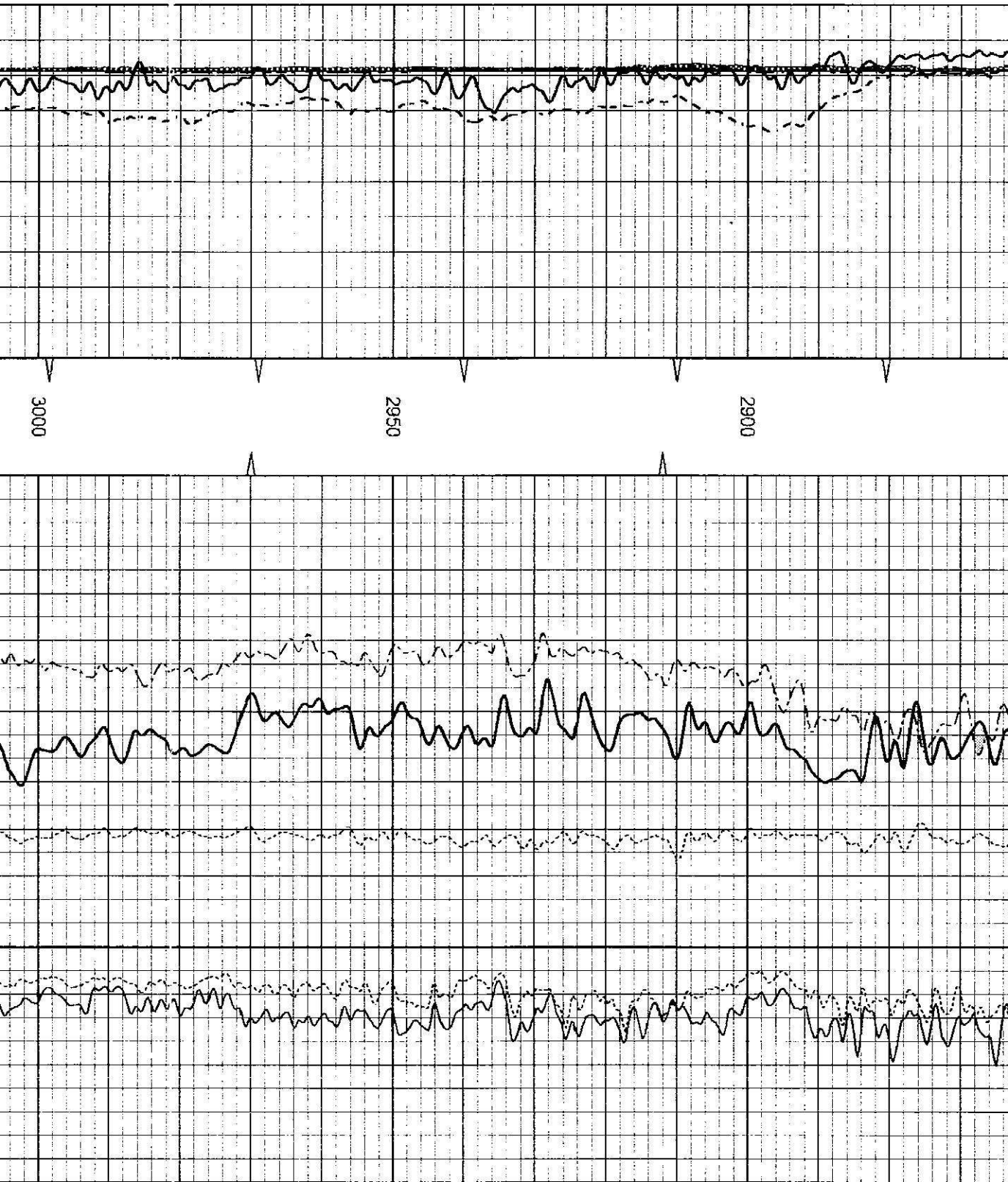

2250
2300
2350

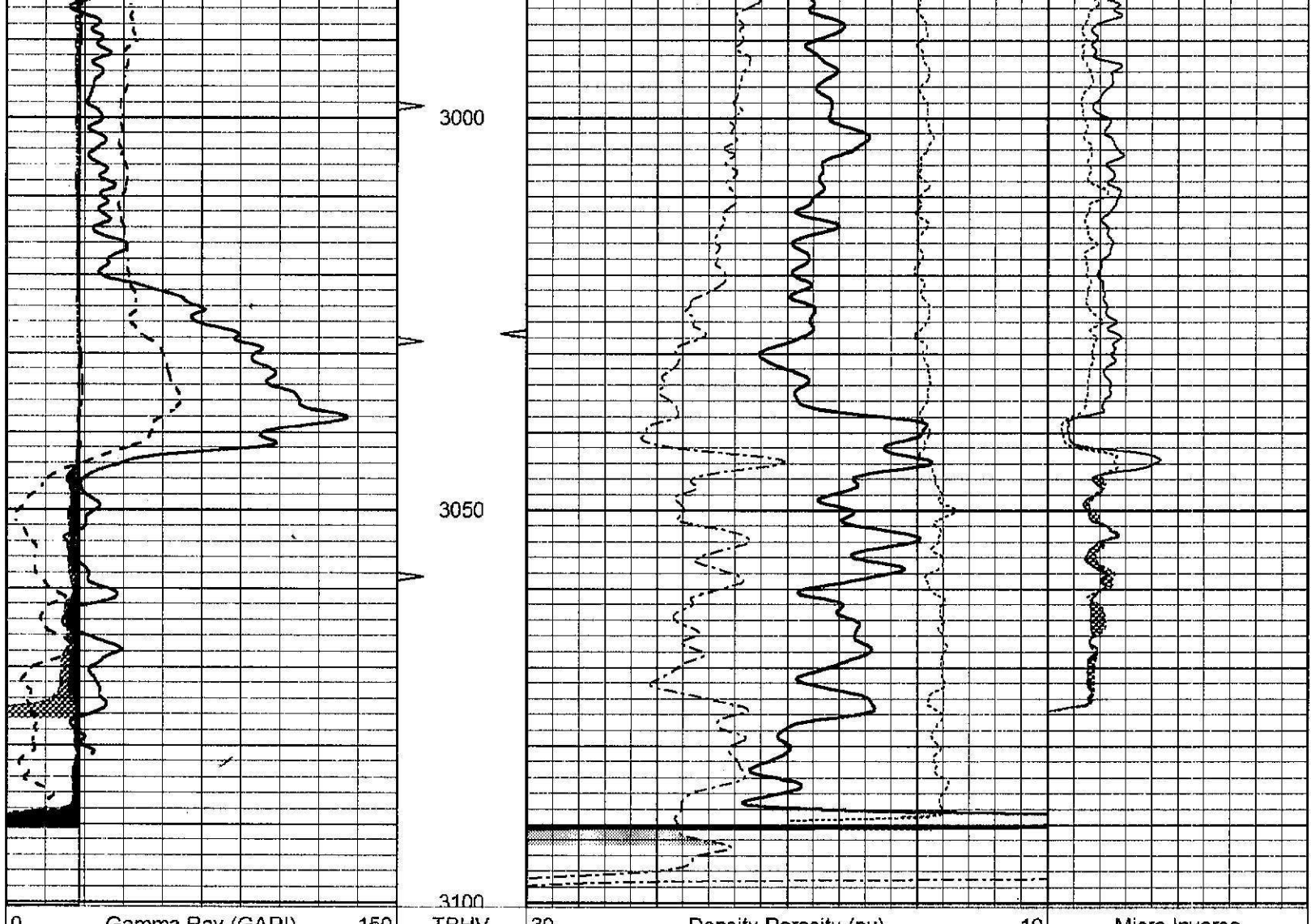

2400
2450
2500


2500
2550
2600


2650
2700
2750


2750
2800
2850


3000
2950
2900



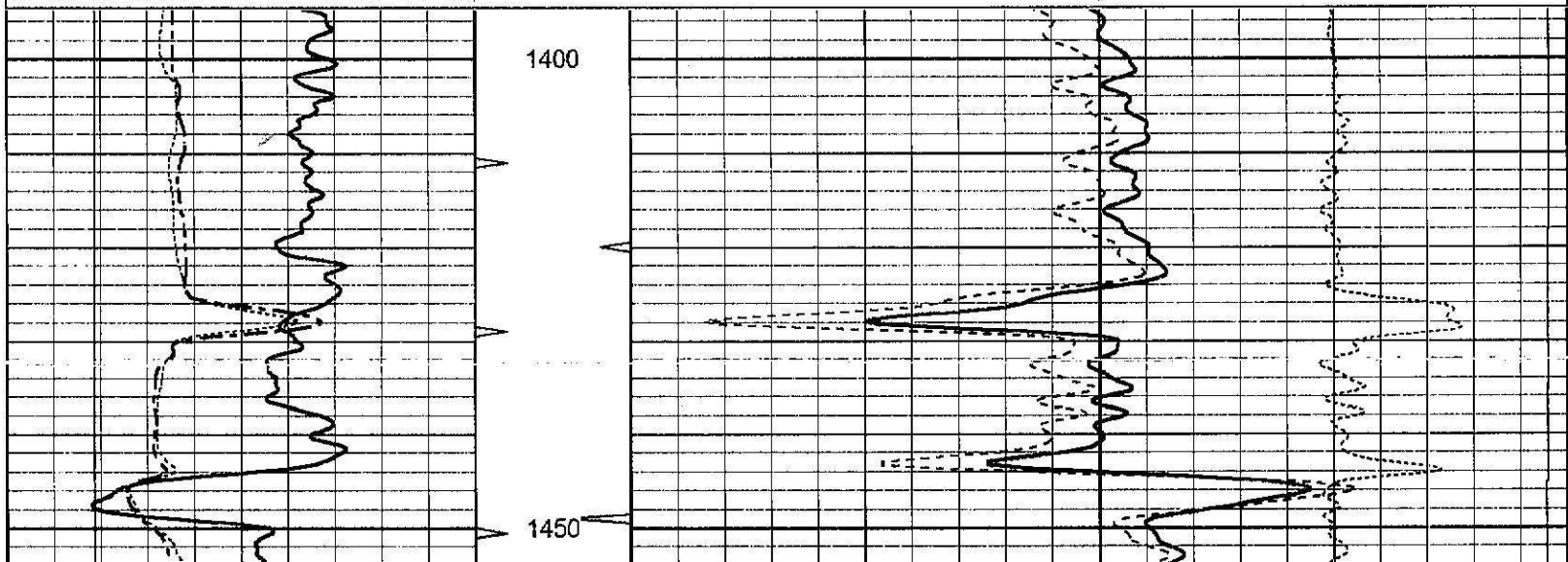
0	Gamma Ray (GAPI)	150	TBHV	30	Density Porosity (pu)	-10	Micro Inverse	
6	Bit size (in)	16	ABHV	30	Neutron Porosity (pu)	-10	0 (Ohm-m)	40
6	Density Caliper (in)	16			-0.5 Correction (g/cc)	0.5	Micro Normal	
6	Micro Caliper (in)	16					0 (Ohm-m)	40
0	SP (mV)	200						

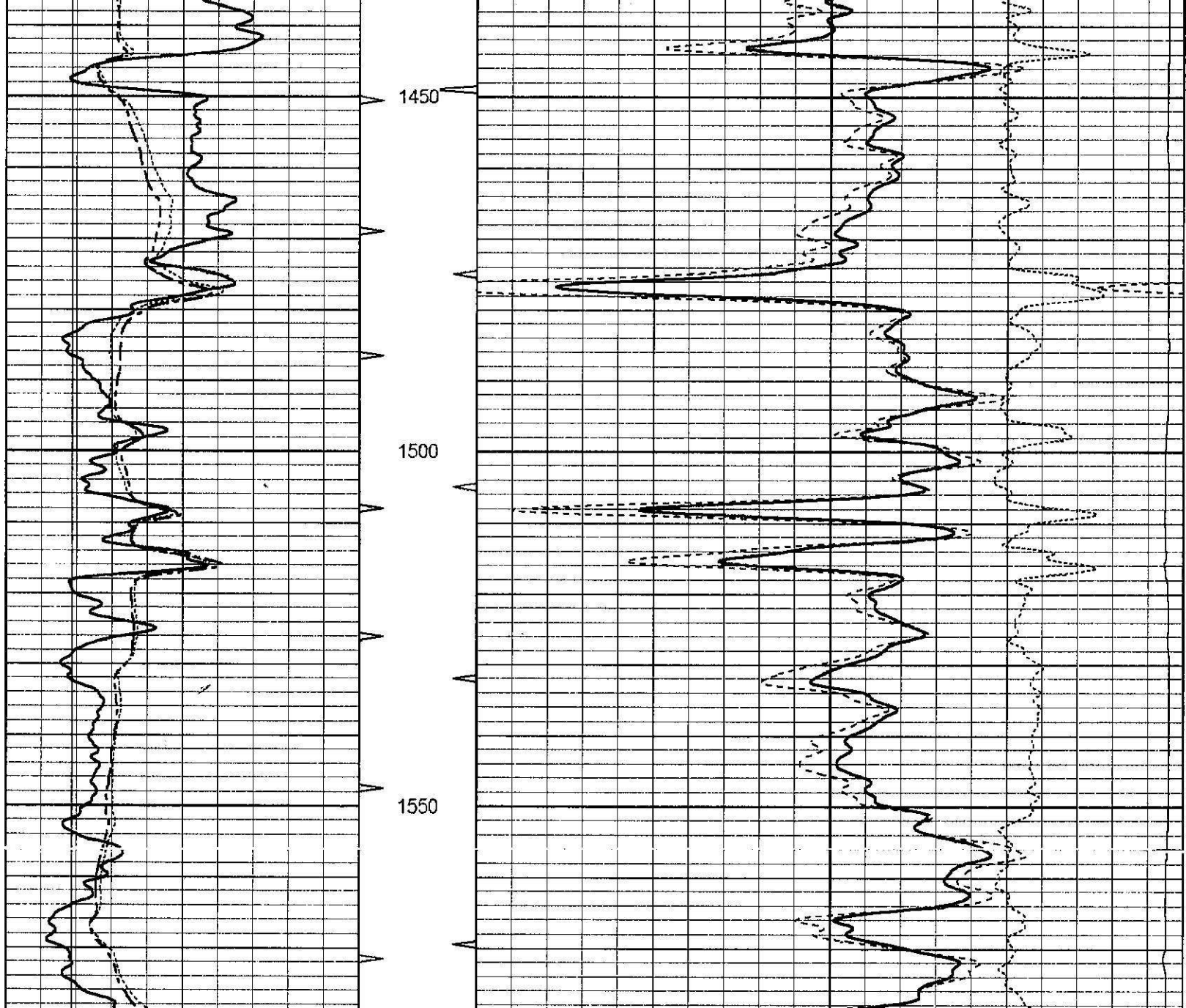
6	Density Caliper (in)	16				-0.5	Correction (g/cc)	0.5
6	Micro Caliper (in)	16					Micro Normal	
0	SP (mV)	200				0	(Ohm-m)	40

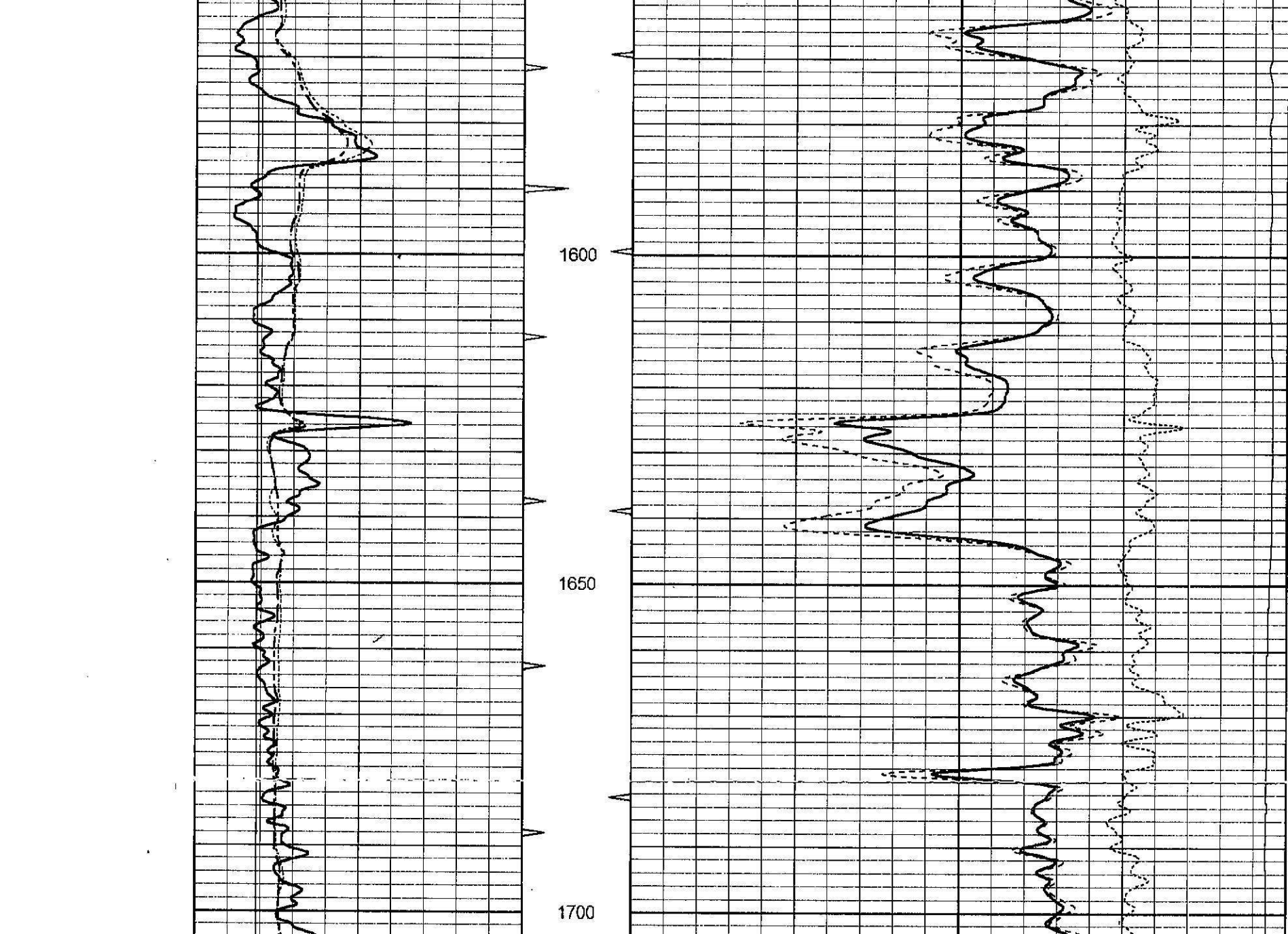
5" CDL SECTION

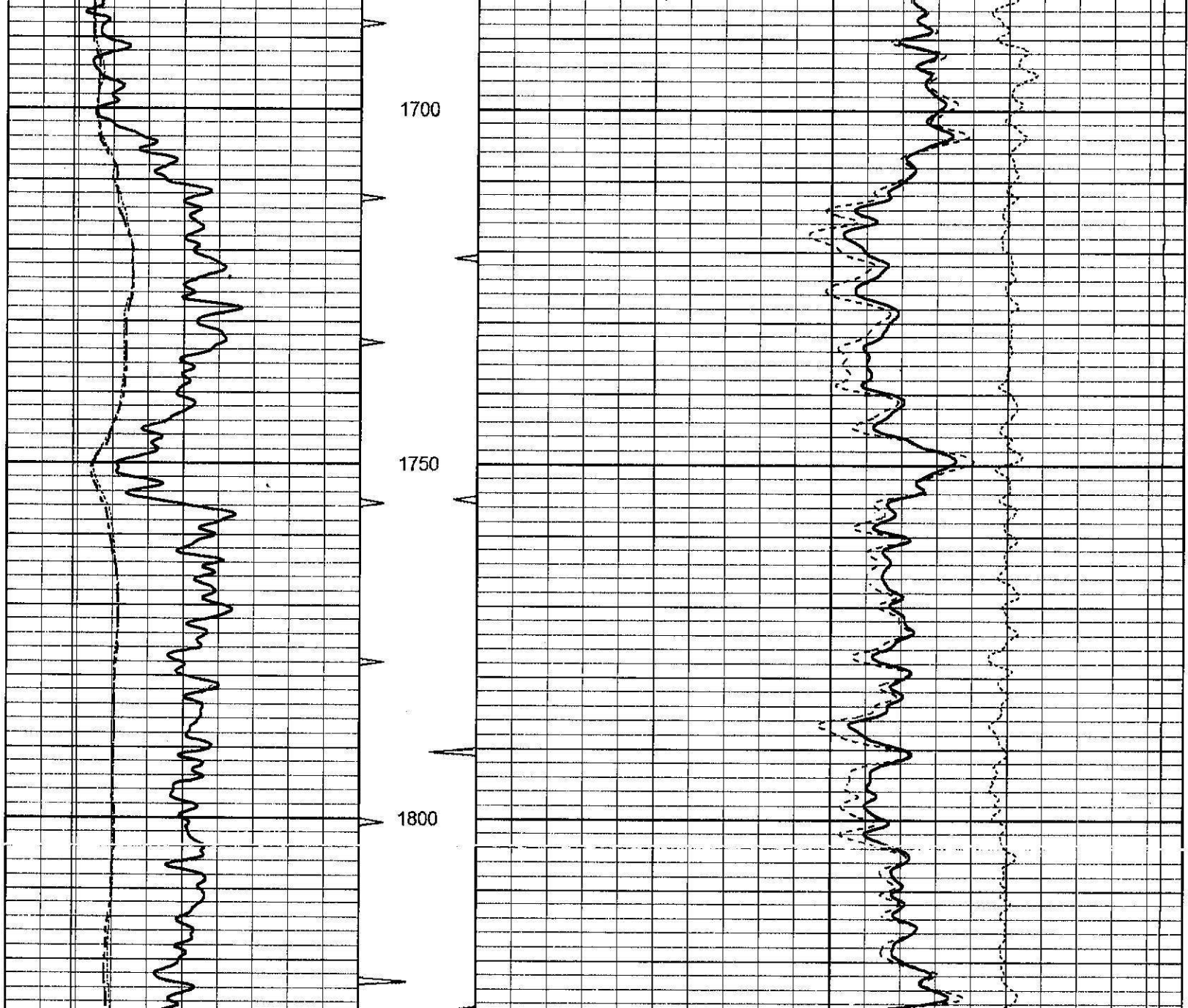
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Presentation Format	bulk6
Dataset Creation	Sat Sep 27 12:20:50 2014
Charted by	Depth in Feet scaled 1:240

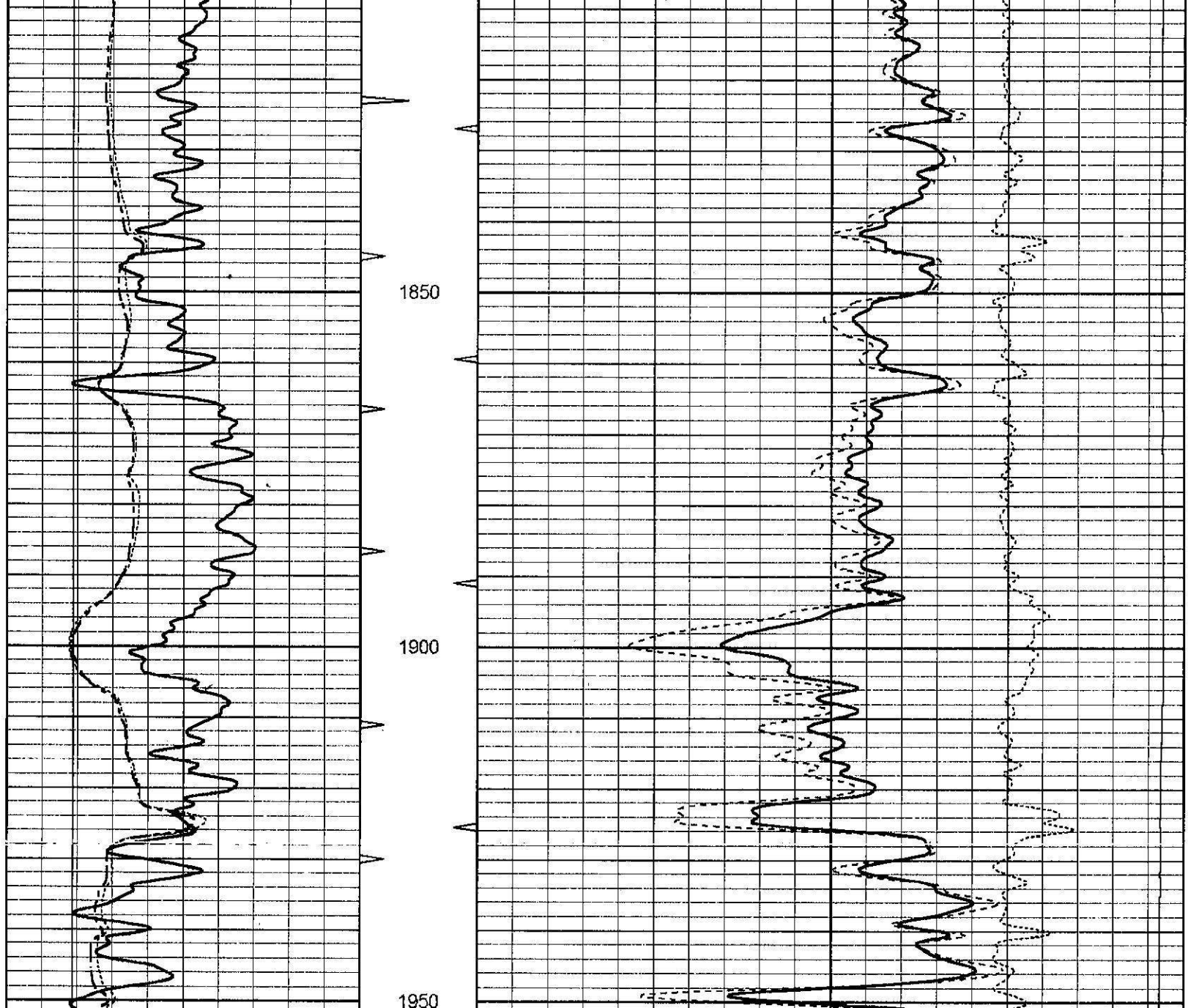
0	Gamma Ray (GAPI)	150	TBHV	2	Bulk Density (g/cc)			3
6	Bit size (in)	16	ABHV	30	Density porosity (pu)			-10
6	Density Caliper (in)	16				-0.5	Correction (g/cc)	0.5
6	Neutron Caliper (in)	16				5000	Line Tension (lb)	500

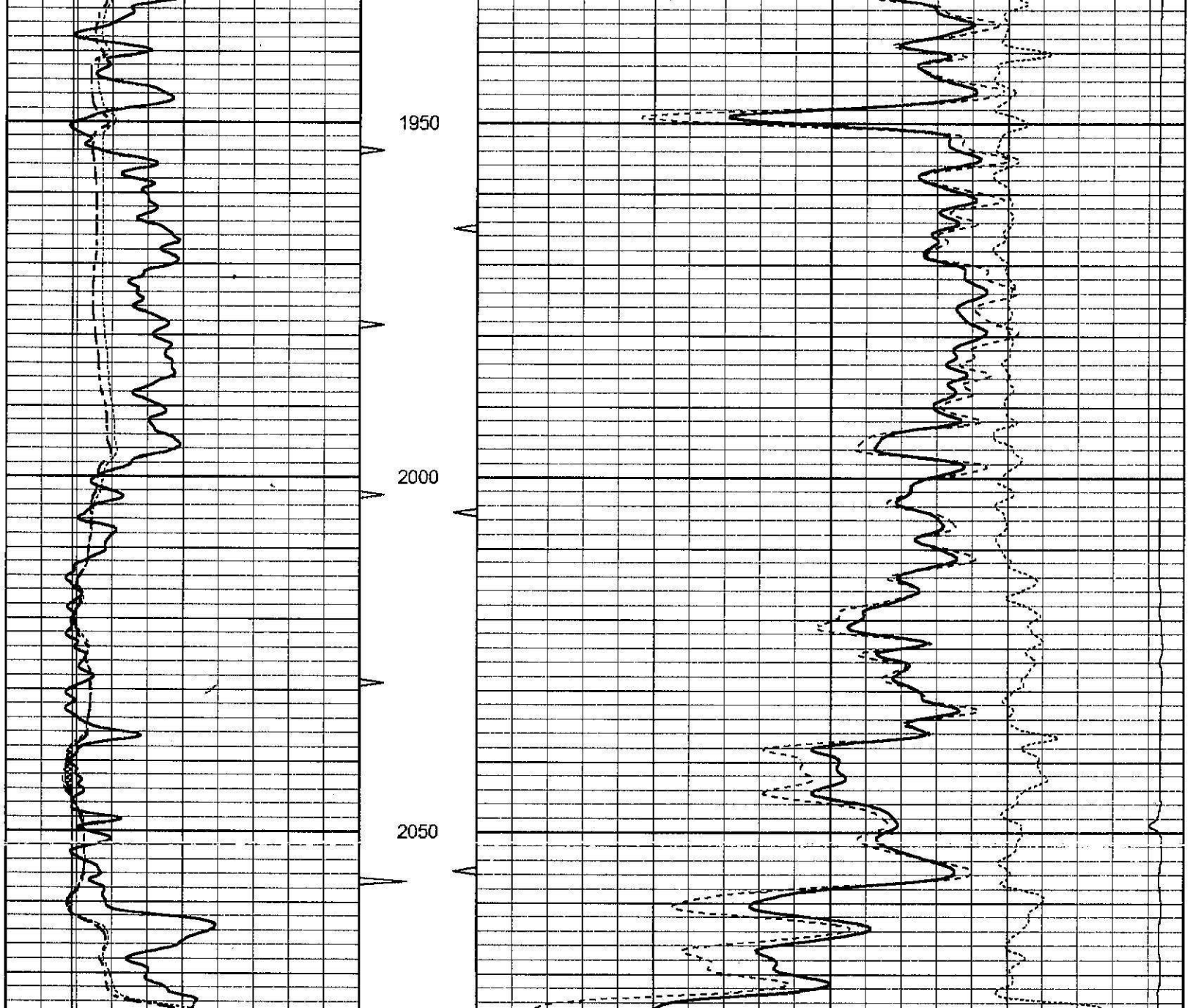


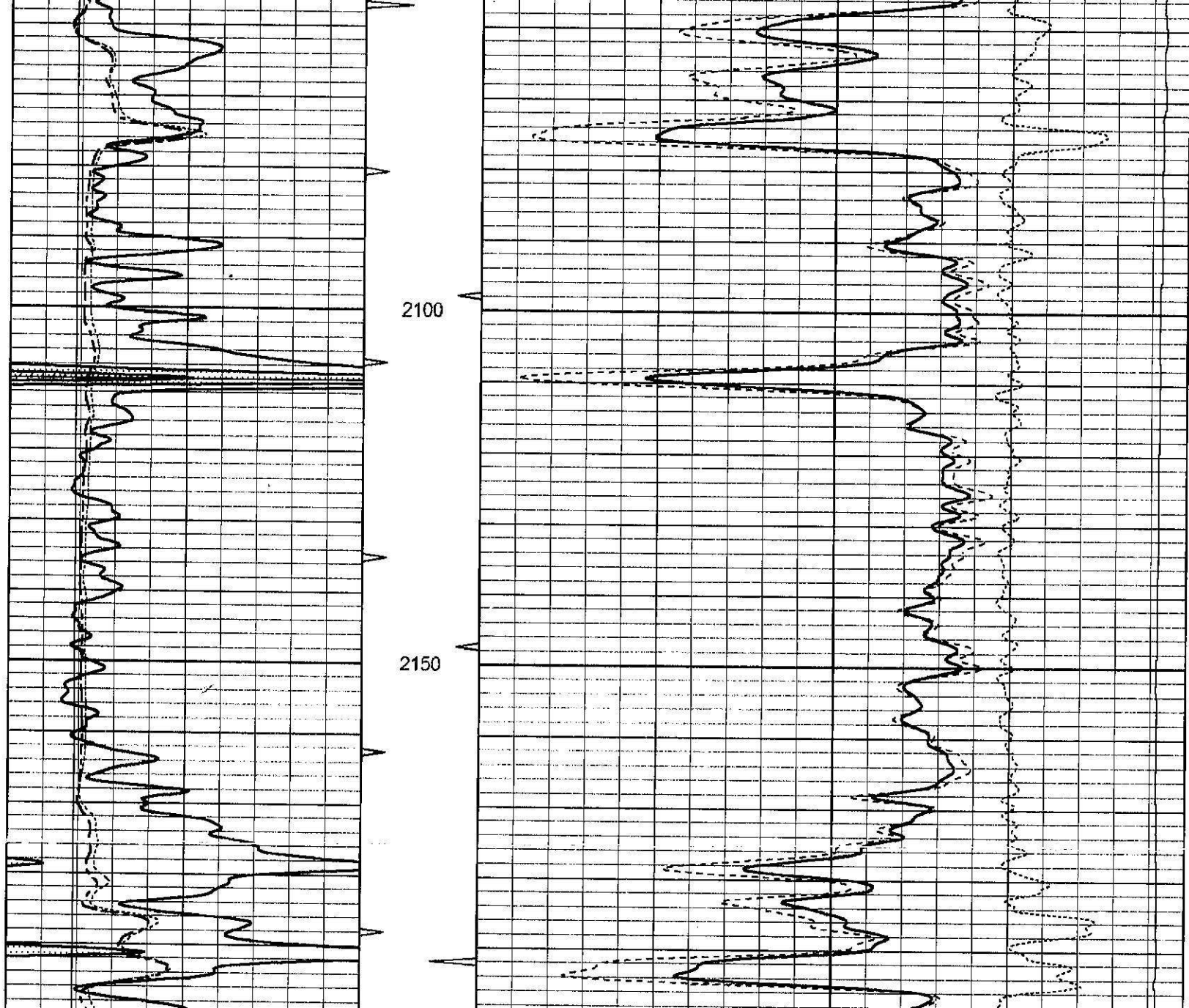

1450
1500
1550

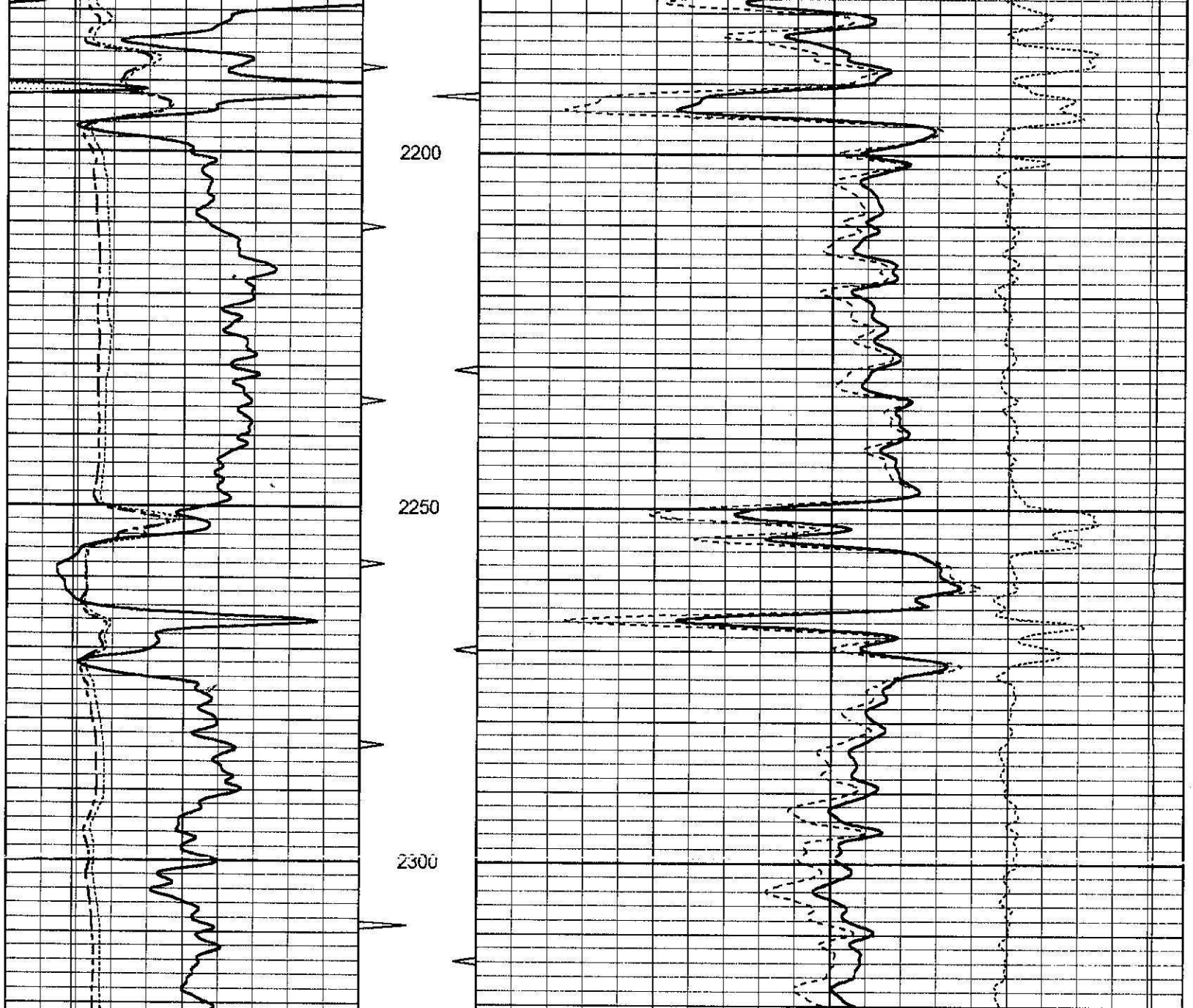

1600
1650
1700

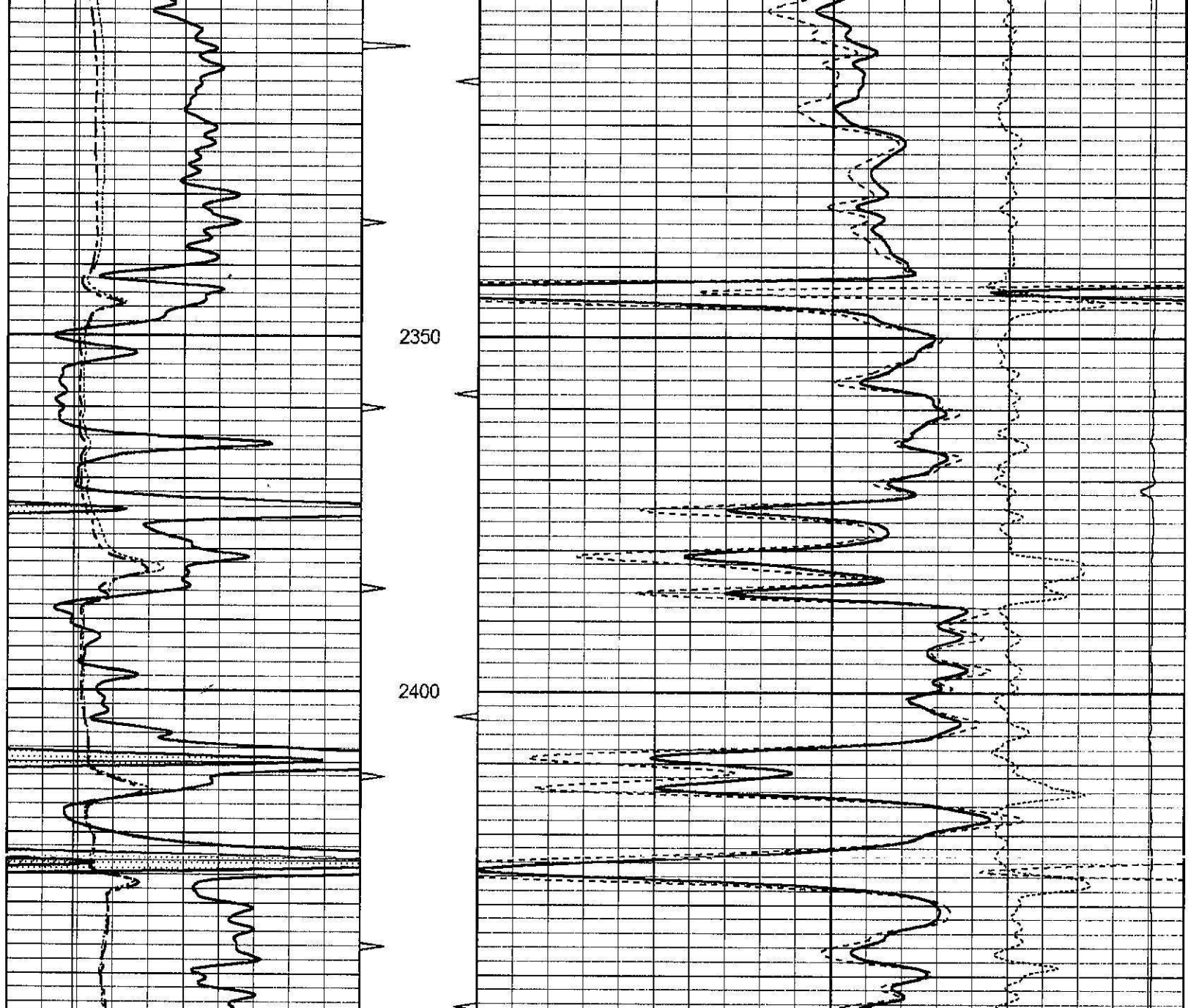

1700
1750
1800

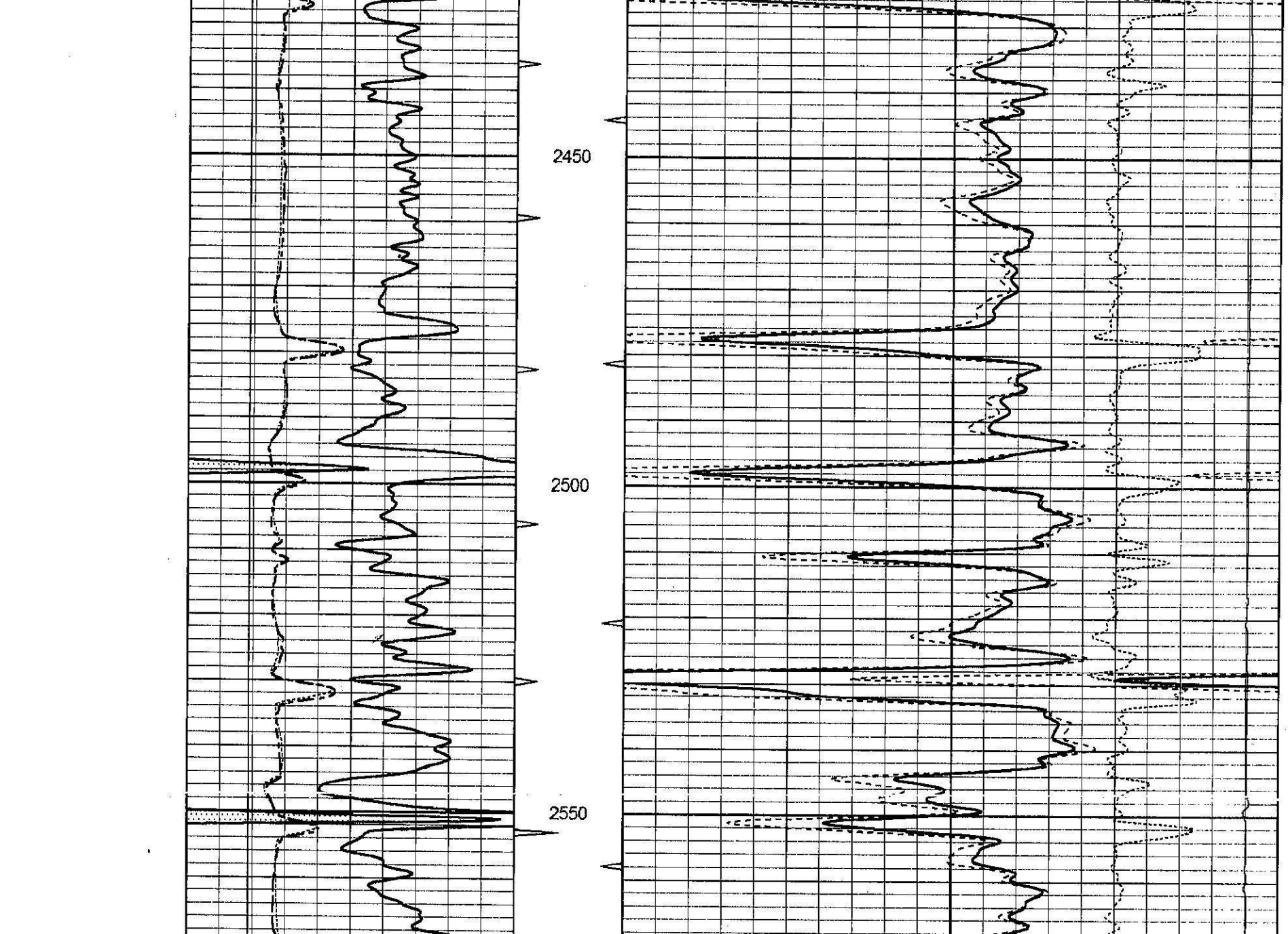

1850
1900
1950

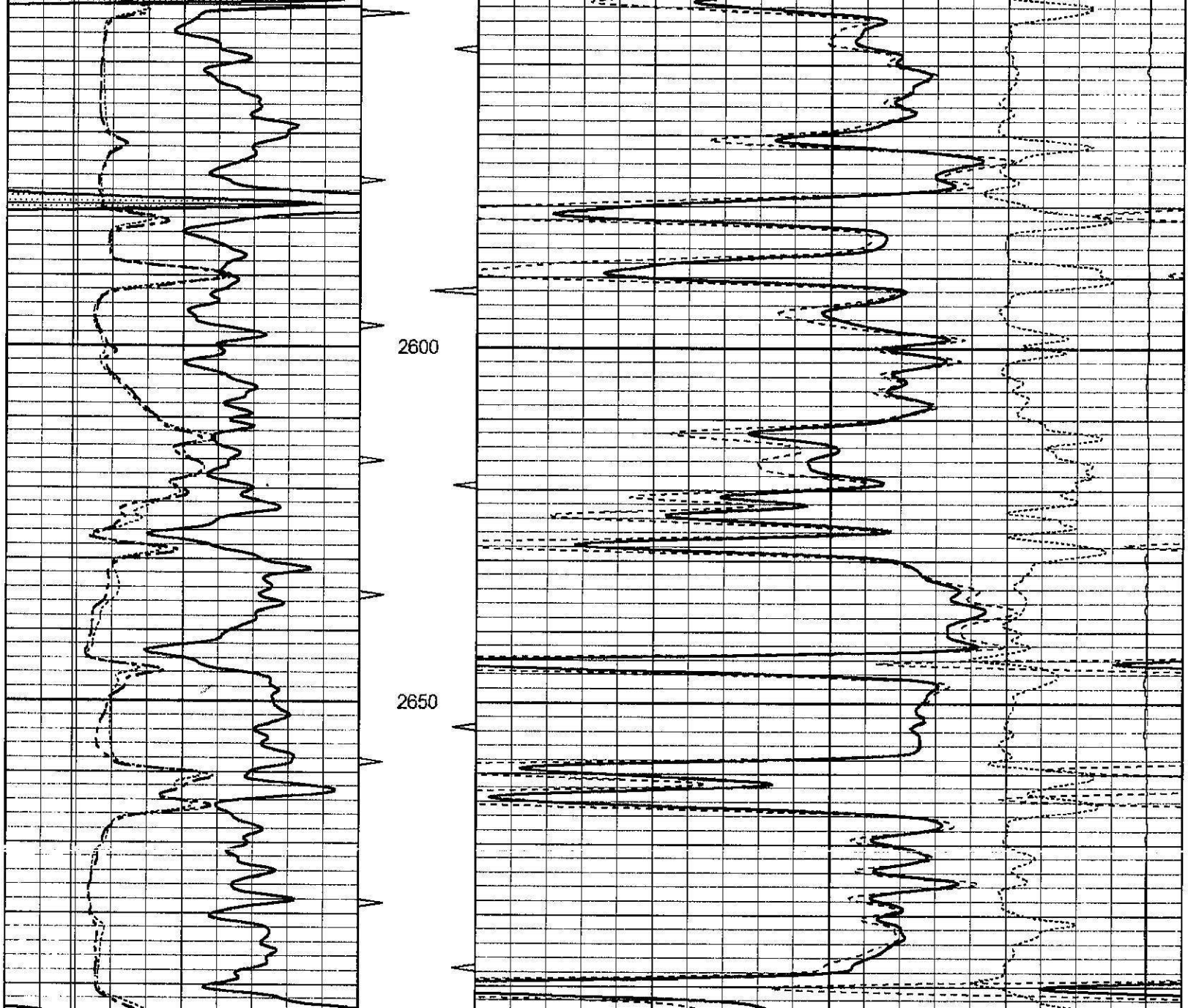

1950
2000
2050

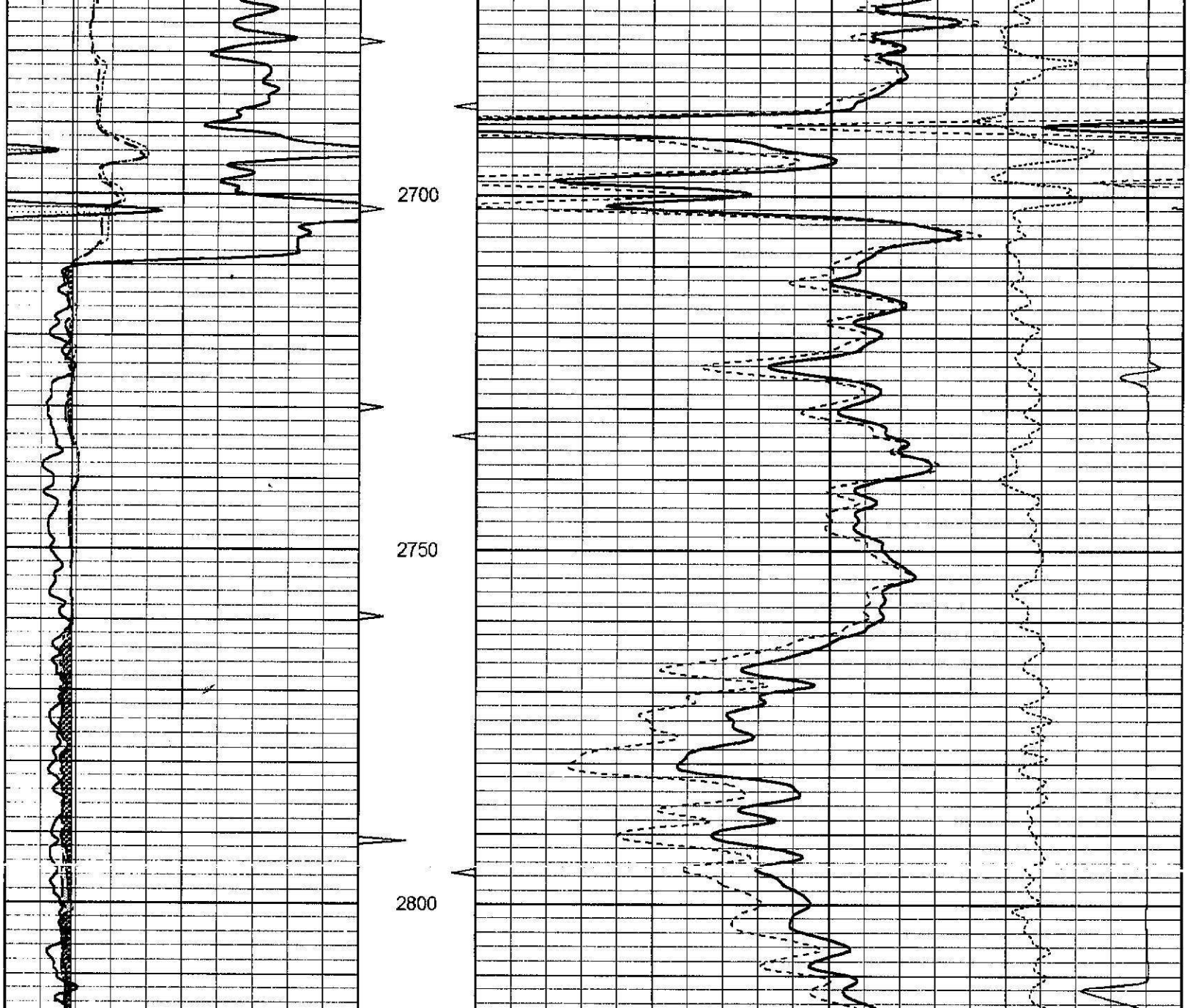

2100
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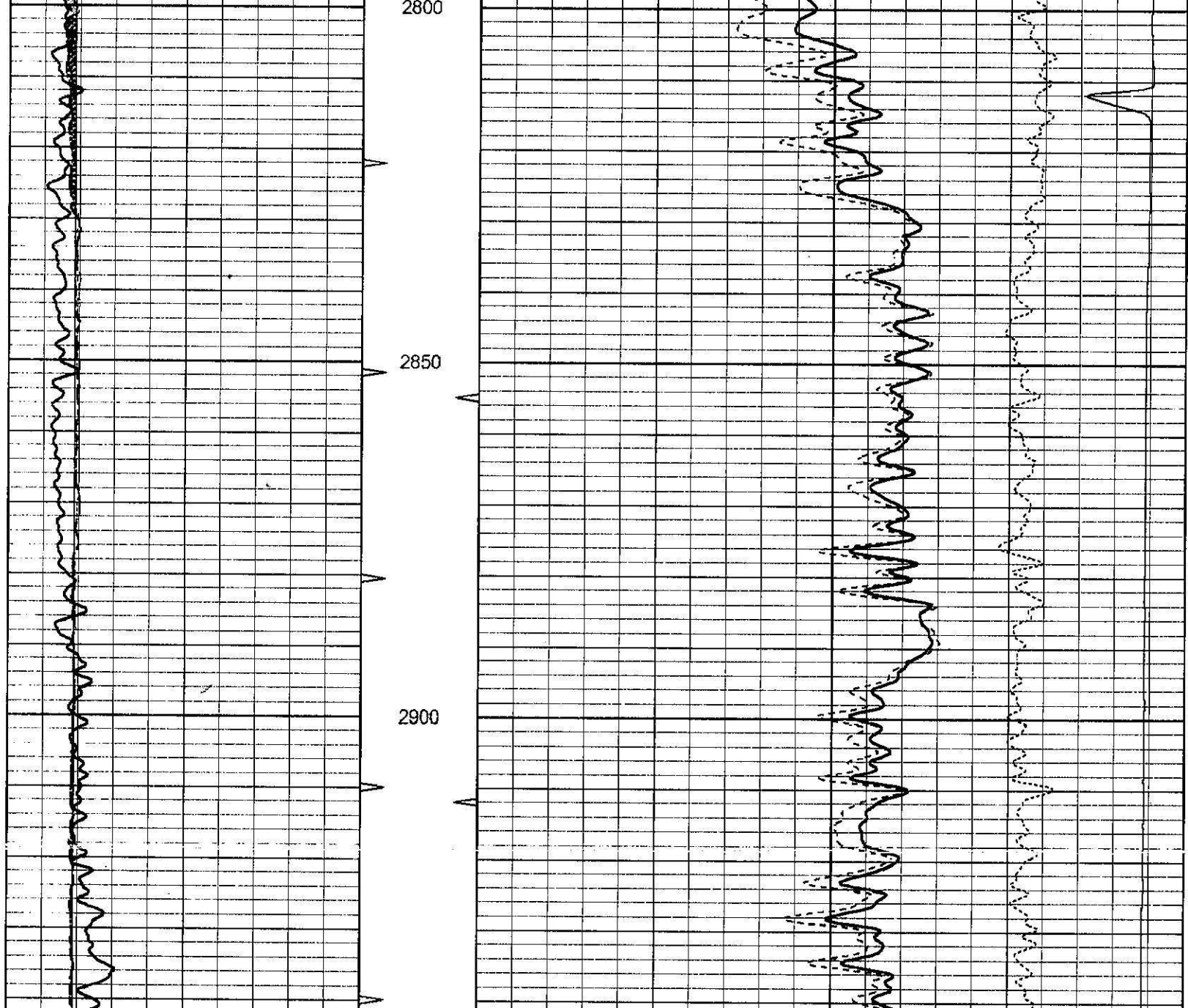

2200
2250
2300

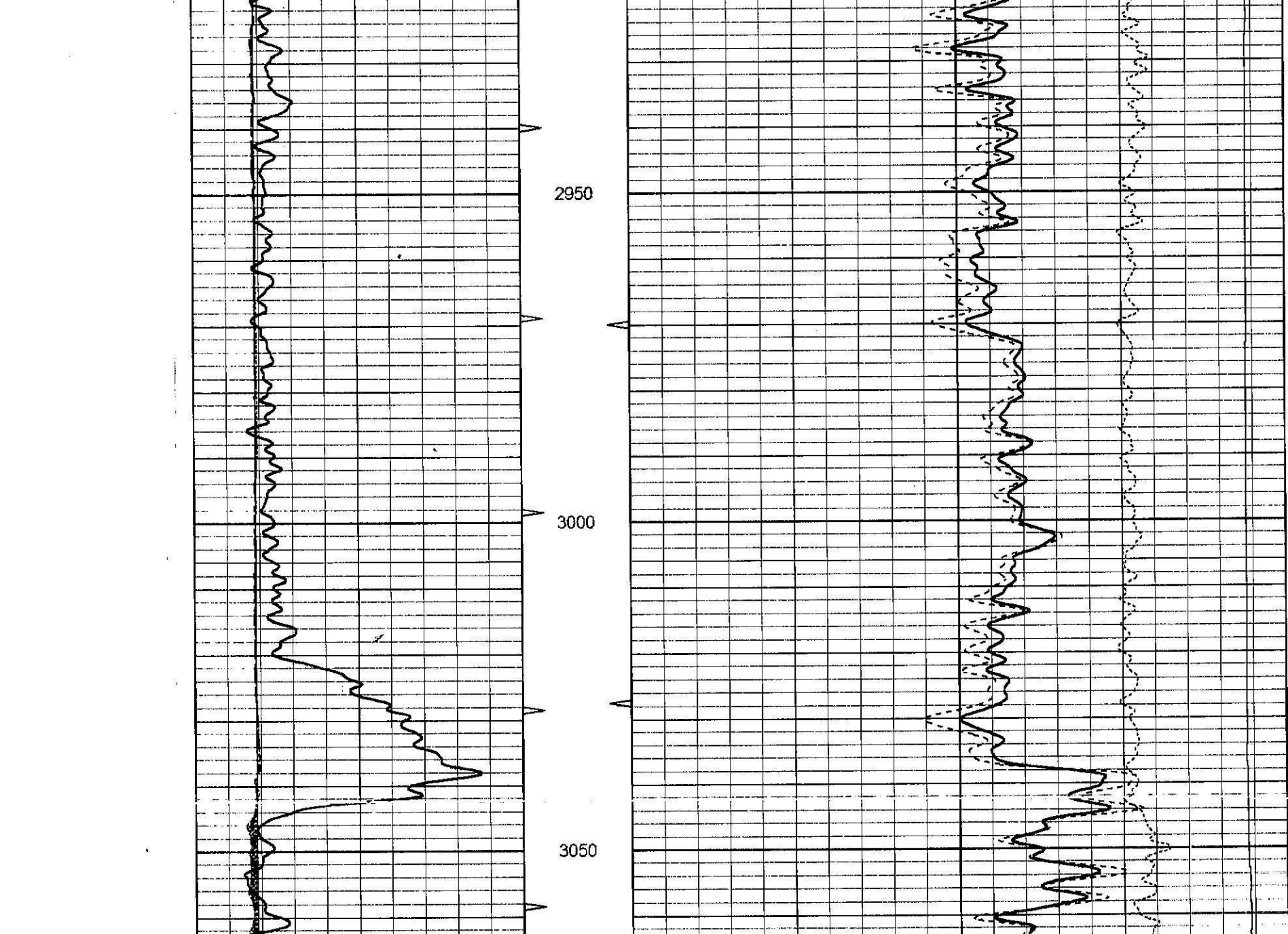

2350
2400

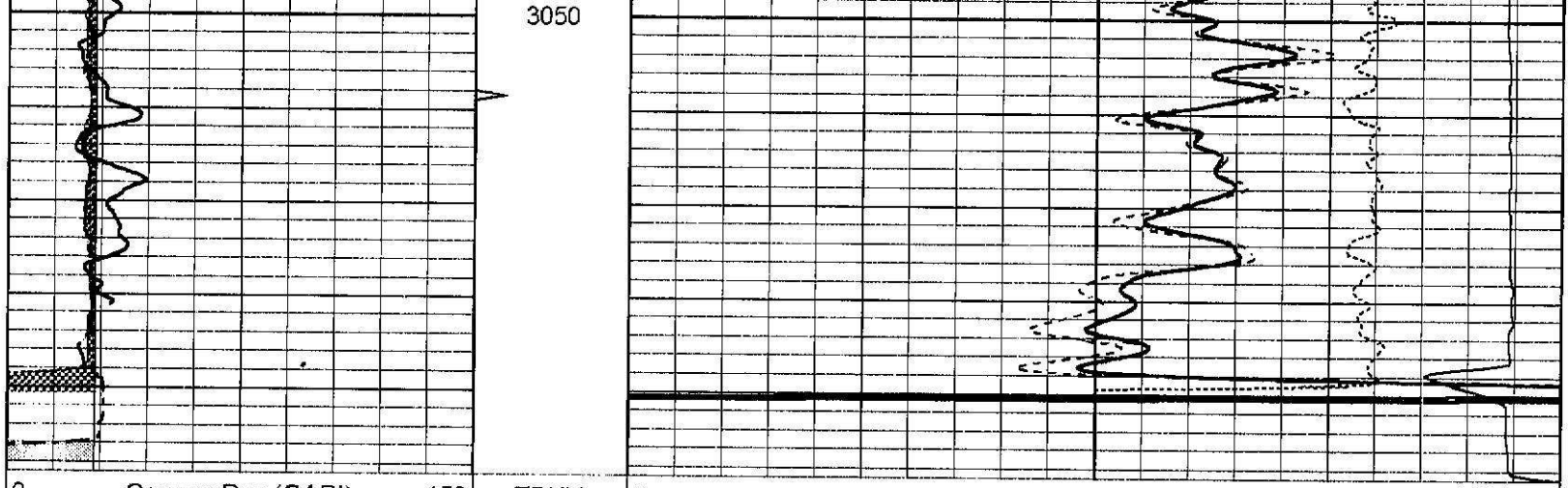

2450
2500
2550


2600
2650


2700
2750
2800


2800
2850
2900


2950
3000
3050



0	Gamma Ray (GAPI)	150	TBHV	2	Bulk Density (g/cc)		3
6	Bit size (in)	16	ABHV	30	Density porosity (pu)		-10
6	Density Caliper (in)	16				-0.5 Correction (g/cc)	0.5
6	Neutron Caliper (in)	16				5000 Line Tension (lb)	500

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
			Cable-CableHead Isulation Sub	1.42	3.00	20.00
GR	15.60		Gamma-Oilex2122 (2122) Gamma Ray Section	2.83	3.50	75.00
LSD	10.21		Density-Oilex2226 (2226) Density Section	6.08	4.00	200.00
DCAL	9.94					



LSD	10.21	Density-Oilex2226 (2226) Density Section	6.08	4.00	200.00
DCAL	9.94				
SSD	9.76				
SCAL	2.54	Neutron-Sidewall3015 (3015) Sidewall Neutron Section	7.81	4.00	150.00
SWN	2.15				
NEU	2.15				

Dataset:	ow2-8737 moline.db: field/well/CDL/pass1.1
Total length:	18.15 ft
Total weight:	445.00 lb
O.D.:	4.00 in