

**ELI
WIRELINE
SERVICES**

MICRO LOG

Company MULL DRILLING CO.
Well TEMPEL "A" #1-6
Field QUIVER
County KIOWA
State COLORADO

Company MULL DRILLING COMPANY, INC.
Well TEMPEL "A" #1-6
Field QUIVER
County KIOWA State COLORADO
Location SEC 6 TWP 17S RGE 47W
SW/4 - NW/4
2500' FNL & 660' FWL
API#05-061-05778

Other Services
CDL/CNL/PE
DIL

Elevation

Permanent Datum
Log Measured From
Drilling Measured From

GROUND LEVEL Elevation 4118
KELLY BUSHING 11' A.G.L.
KELLY BUSHING

K.B. 4129
D.F. 4127
G.L. 4118

Date 7/3/01
Run Number TWO
Depth Driller 5150
Depth Logger 5125
Bottom Logged Interval 5123
Top Log Interval 3500
Casing Driller 437
Casing Logger 439
Bit Size 7 7/8

Type Fluid in Hole CHEMICAL MUD CHLORIDES 300
Density / Viscosity 9.0/87
pH / Fluid Loss 10.0/7.2
Source of Sample FLOWLINE
Rm @ Meas. Temp 112@39F
Rmf @ Meas. Temp 90@39F
Rmc @ Meas. Temp 144@89F
Source of Rmf / Rmc MEASUREMENT
Rm @ BHT 85@126F
Time Circulation Stopped 6 HOURS
Time Logger on Bottom

Maximum Recorded Temperature 126F
Equipment Number 143
Location HAYS KANSAS
Recorded By JEFF LUEBBERS
Witnessed By ROGER MARTIN

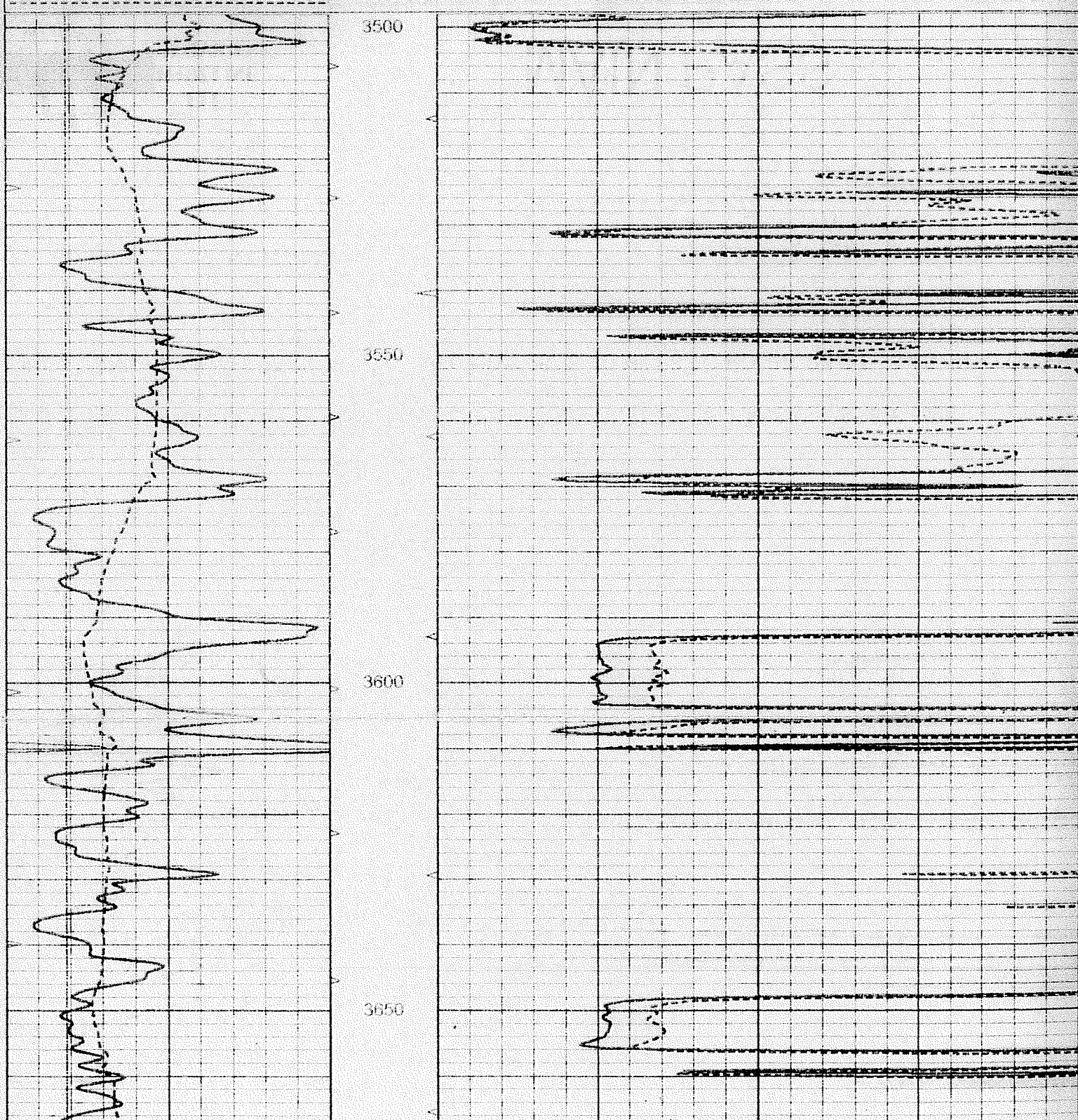


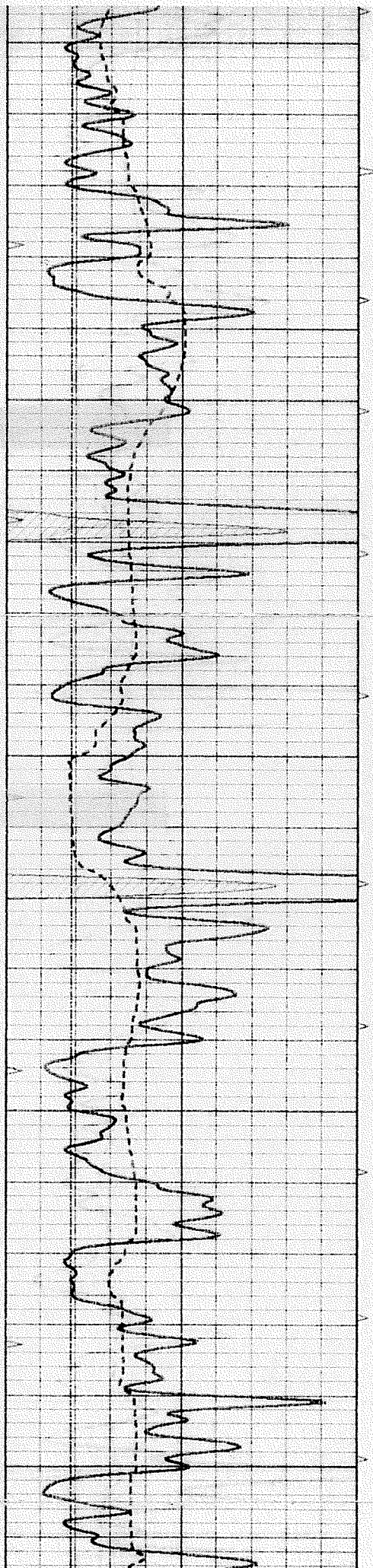
ELI
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MAIN PASS

Database File: 19451pe.db
Dataset Pathname: pass5.1
Presentation Format: micro.prs
Dataset Creation: Sat Jul 03 06:32:38 1999
Charted by: Depth in Feet scaled 1:240

0	GR (GAPI)	150	ABHV (ft3) 0	MEL20 (Ohm-m)	20
0	MINMK	20	CTBHV (ft3) 0	MEL15 (Ohm-m)	20
6	CALIPER (in)	16			





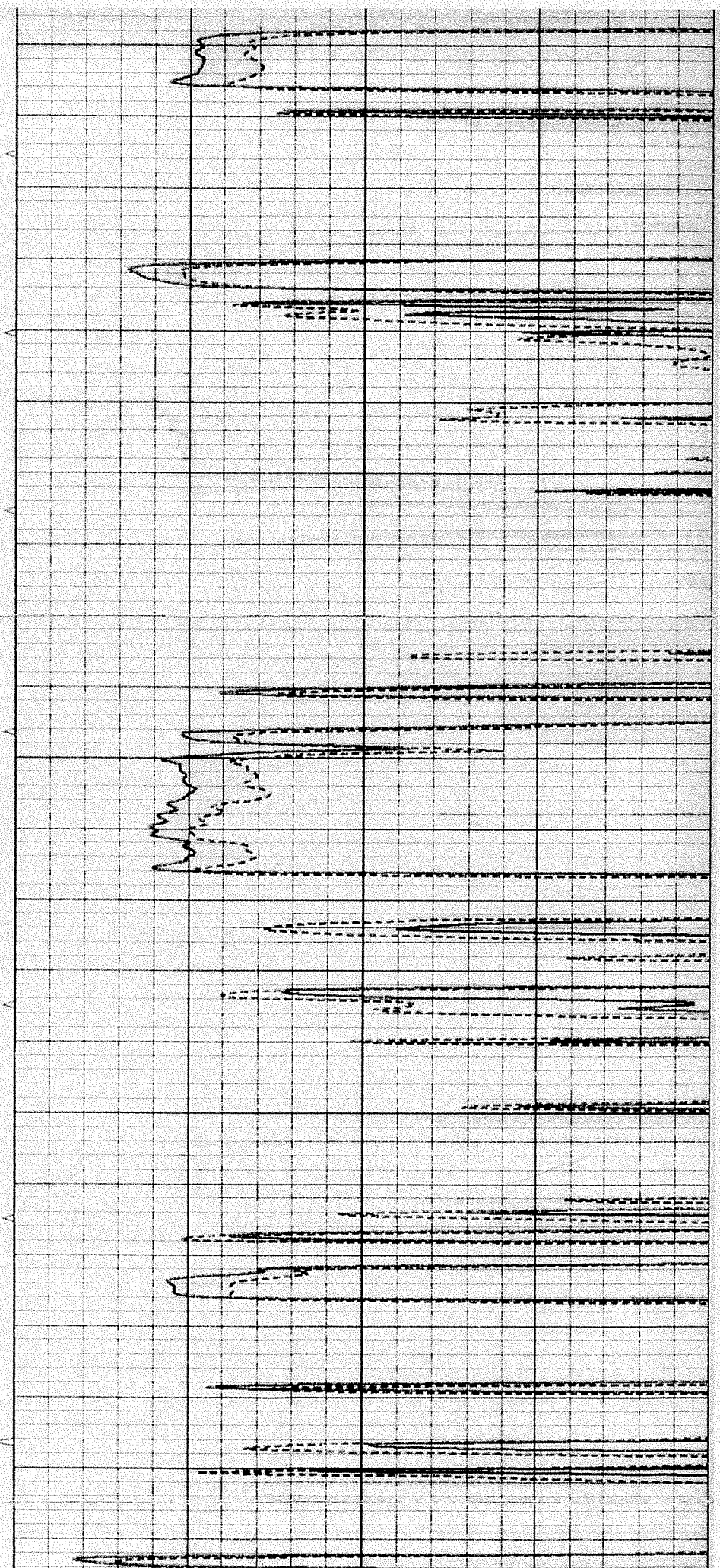
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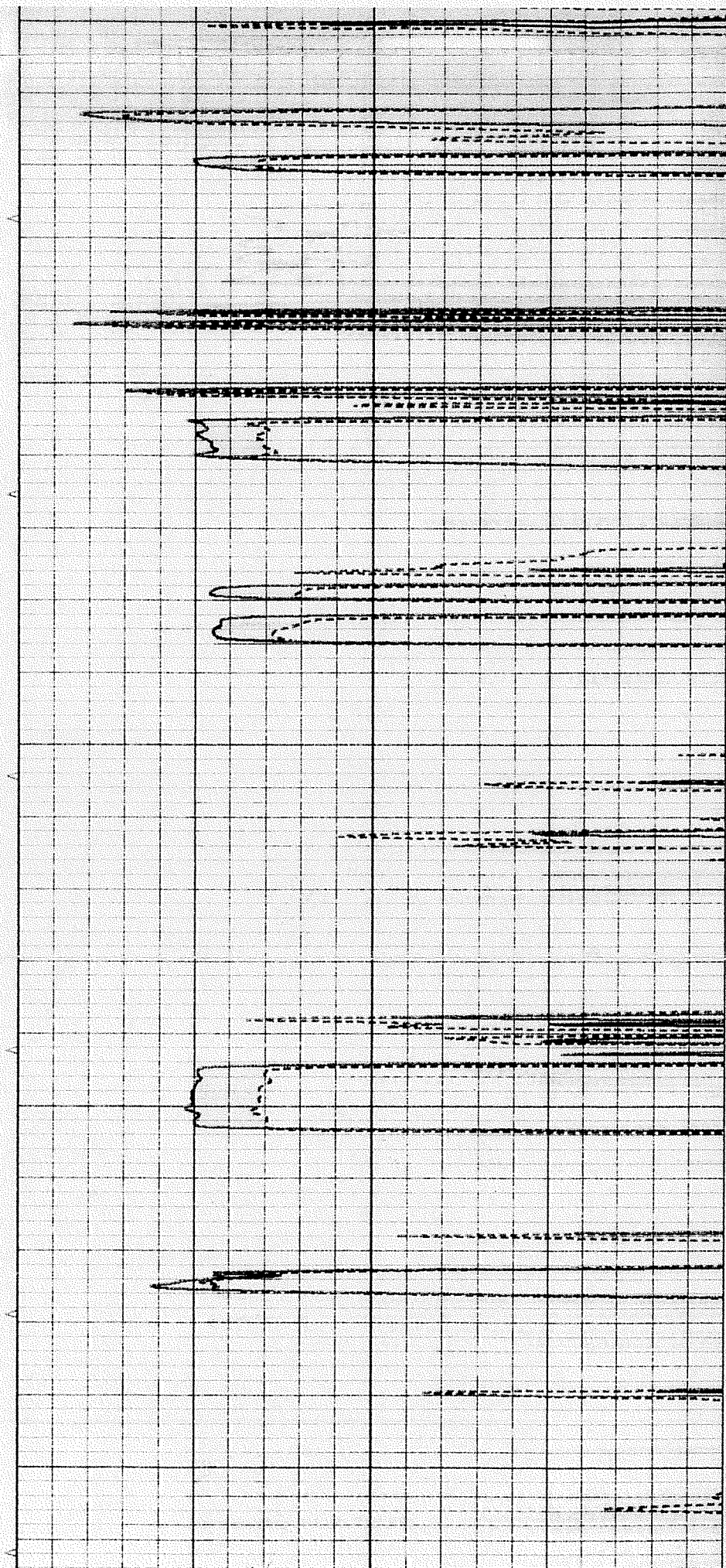
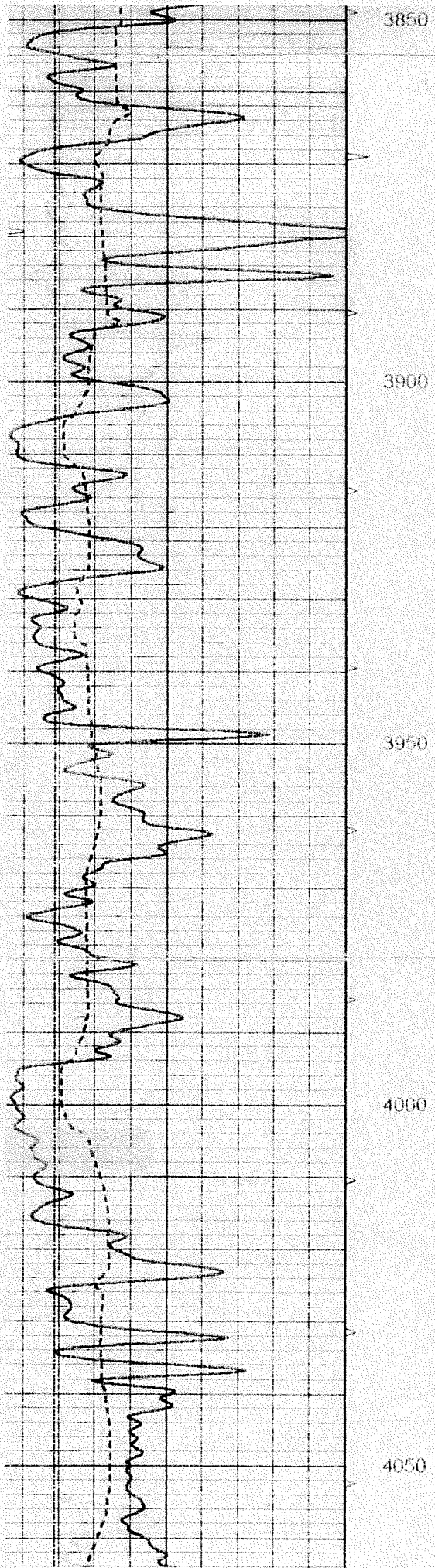
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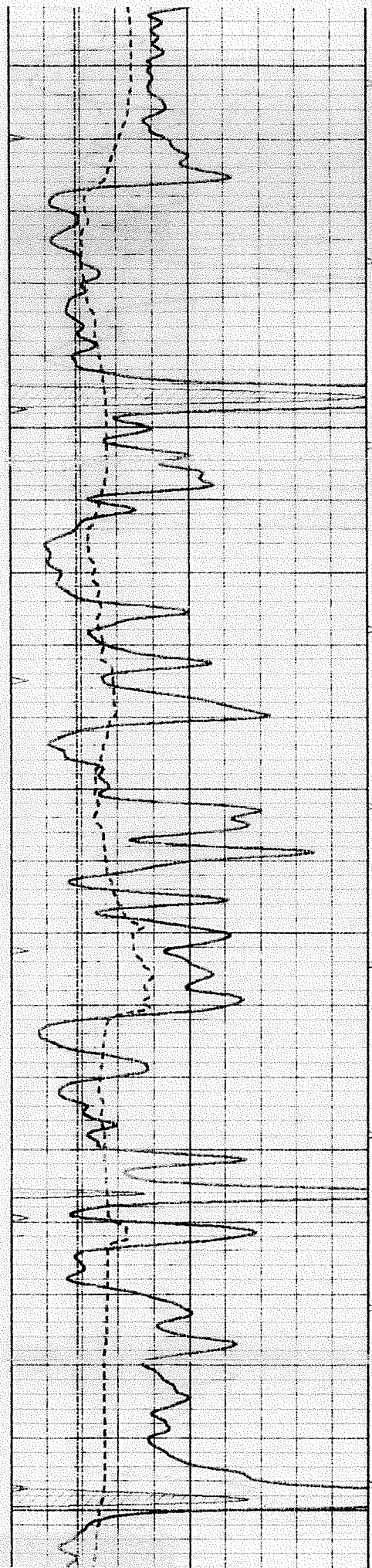
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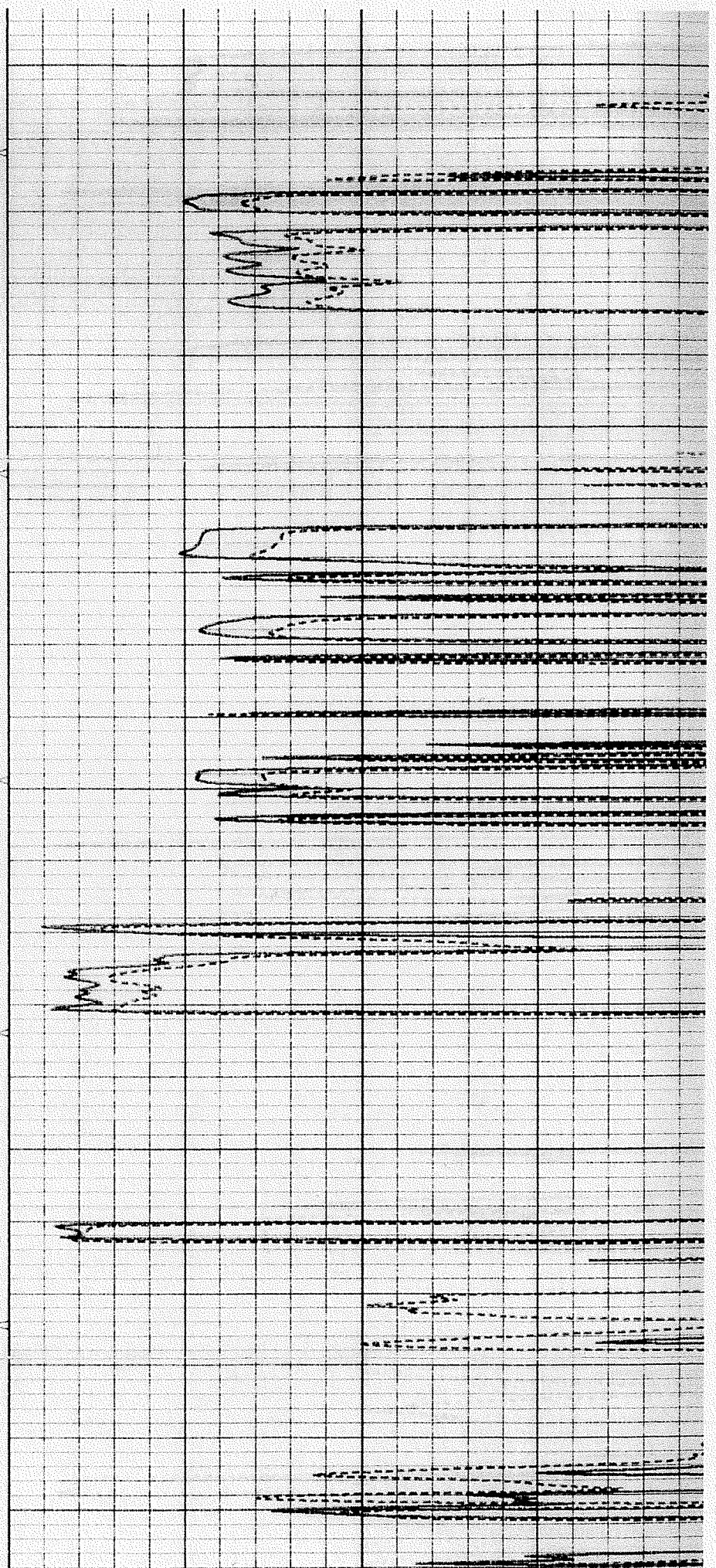
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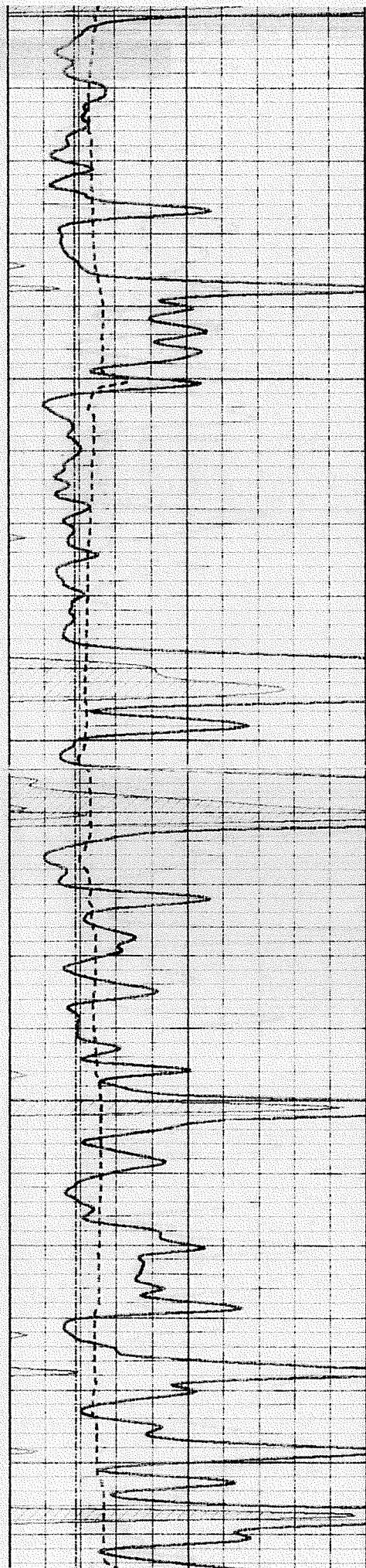
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4150

4200

4250





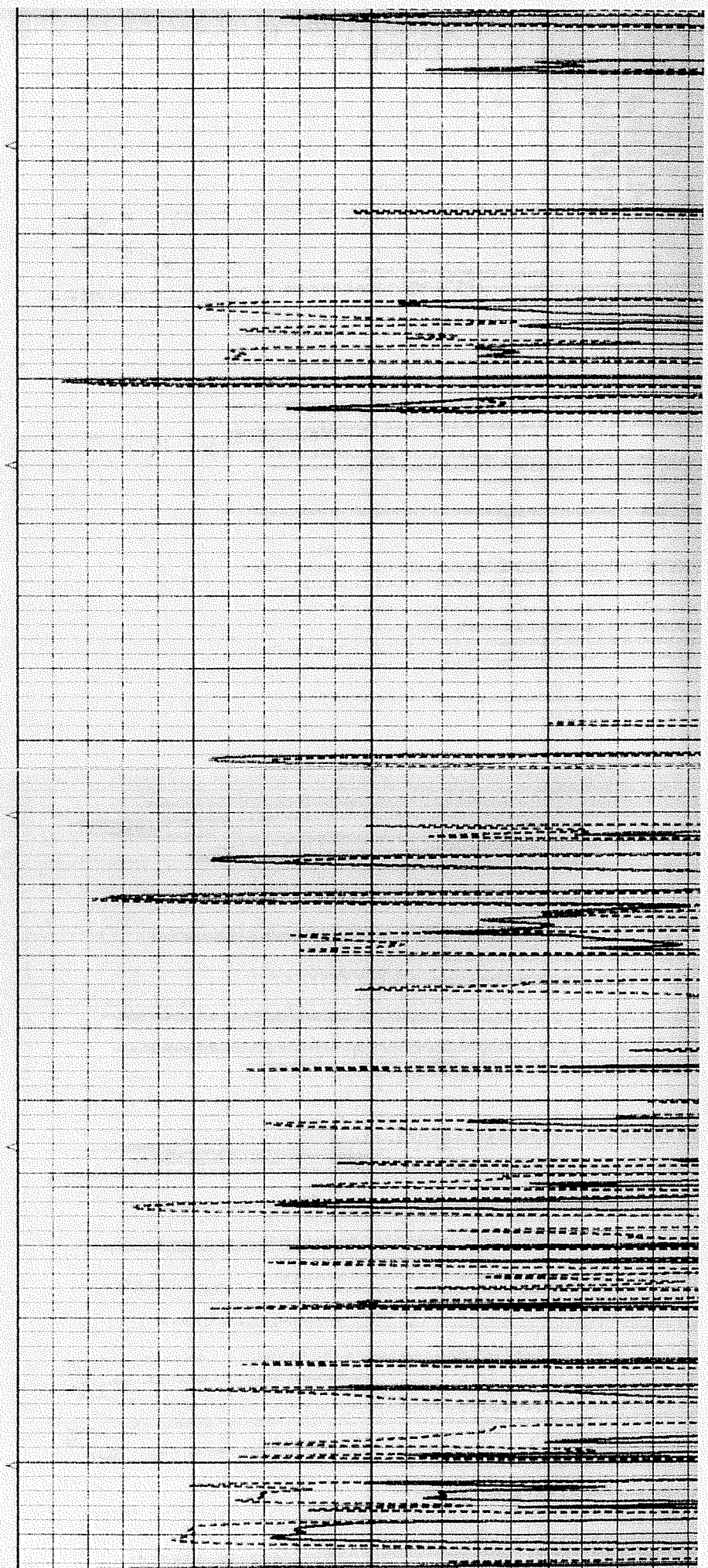
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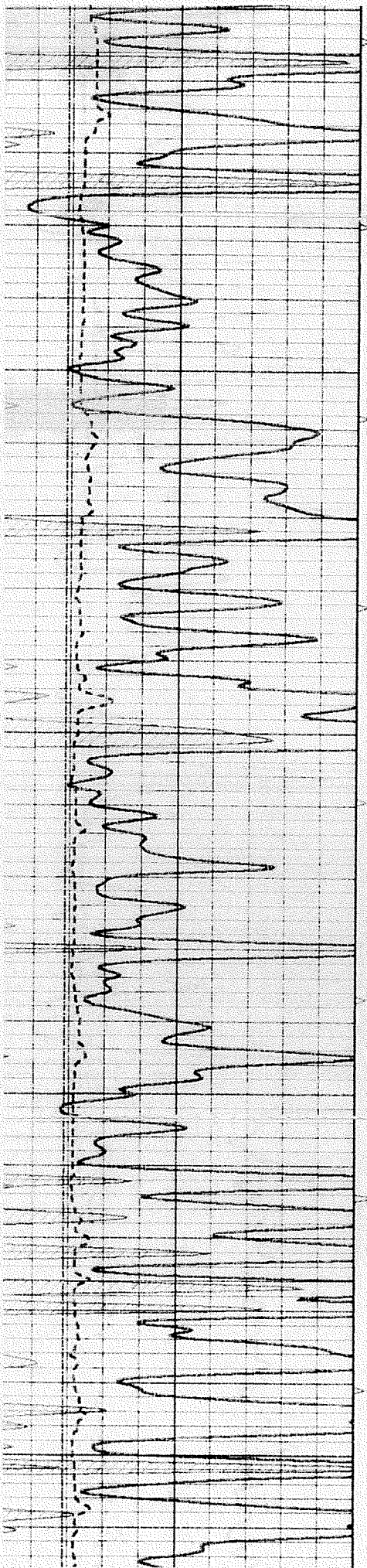
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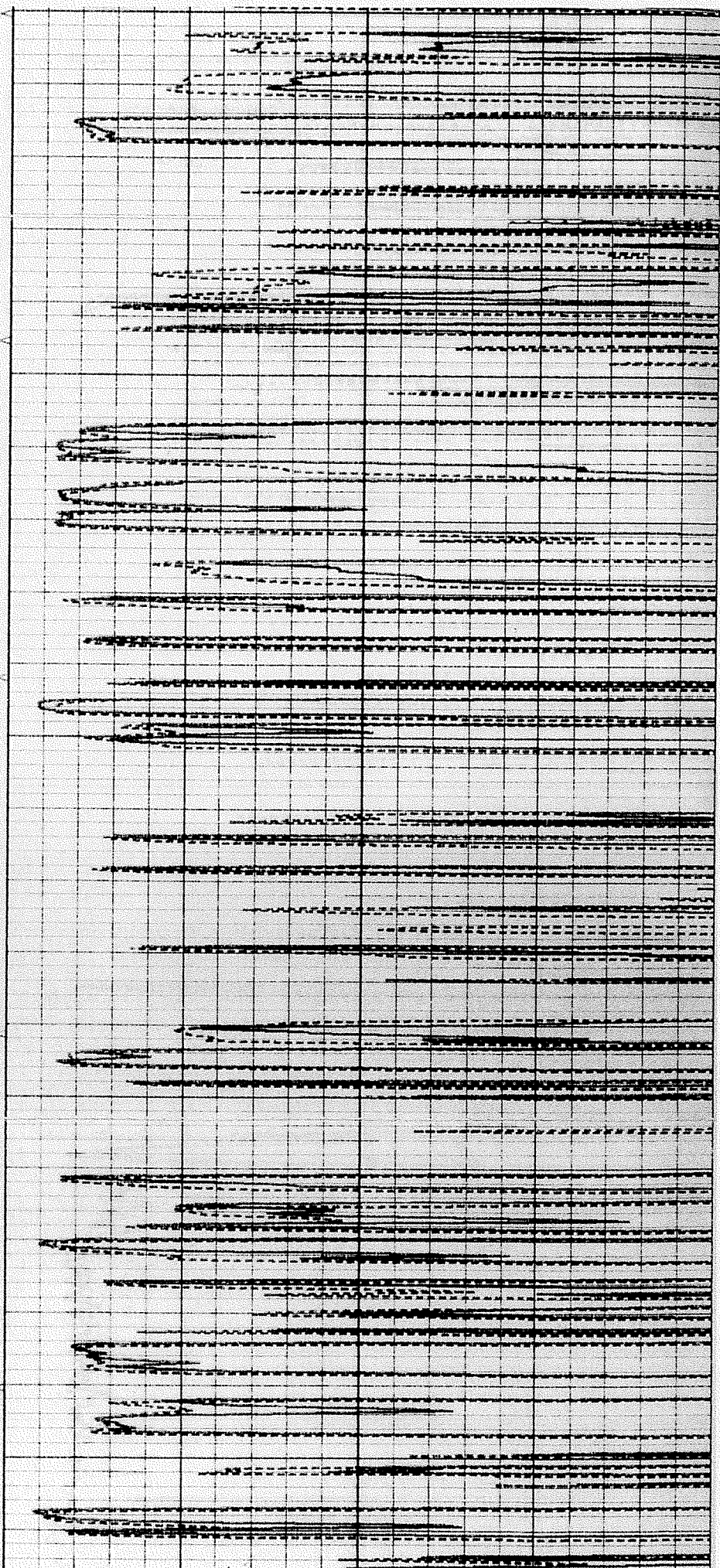
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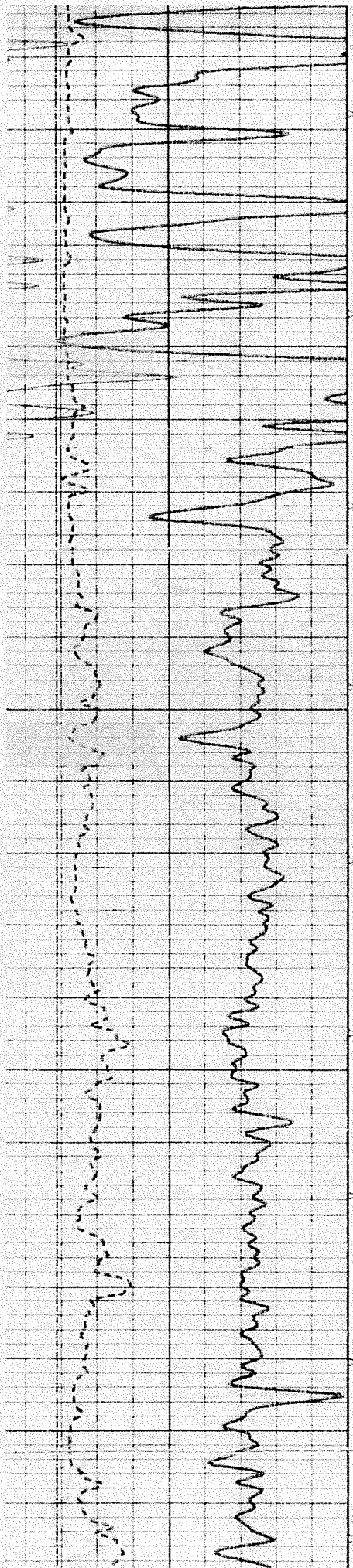
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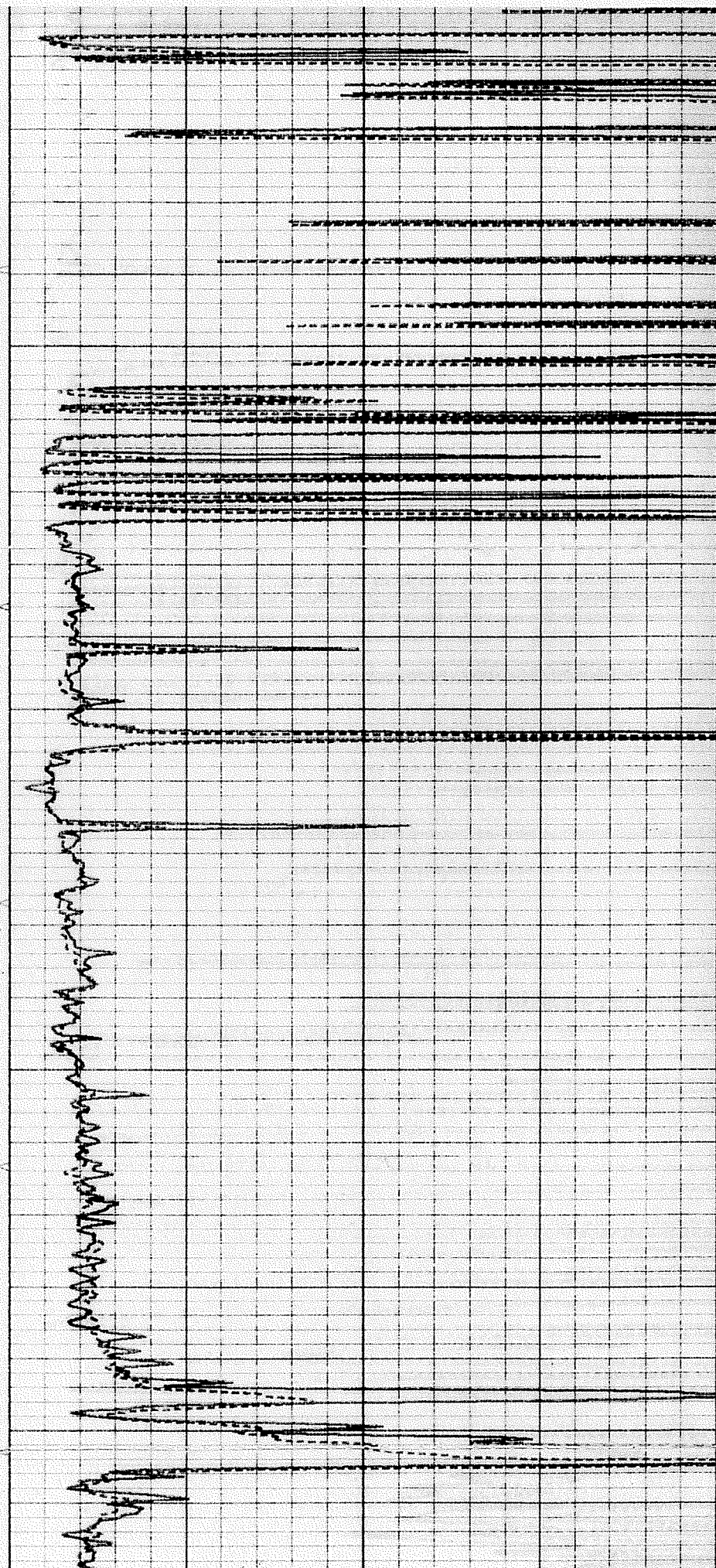


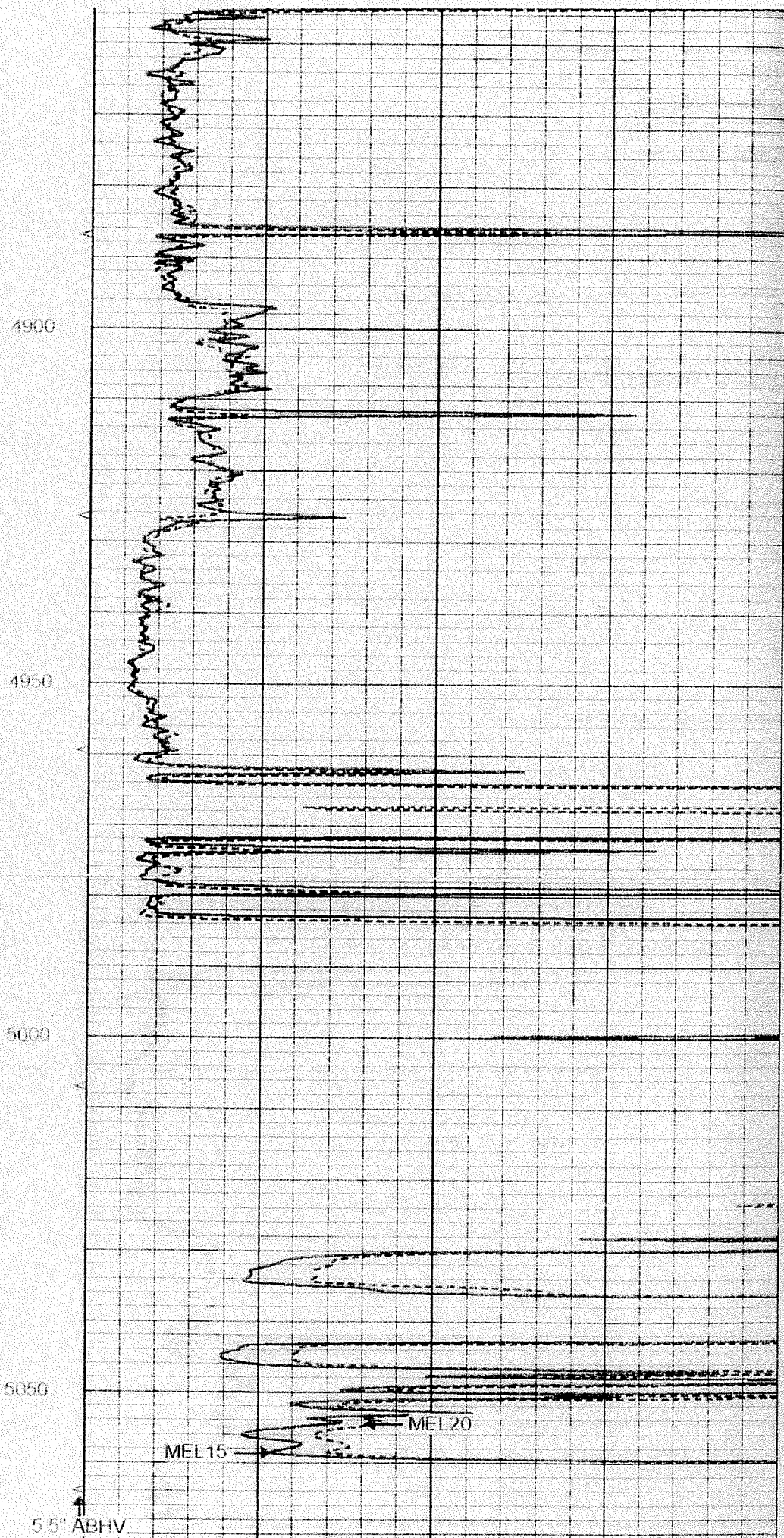
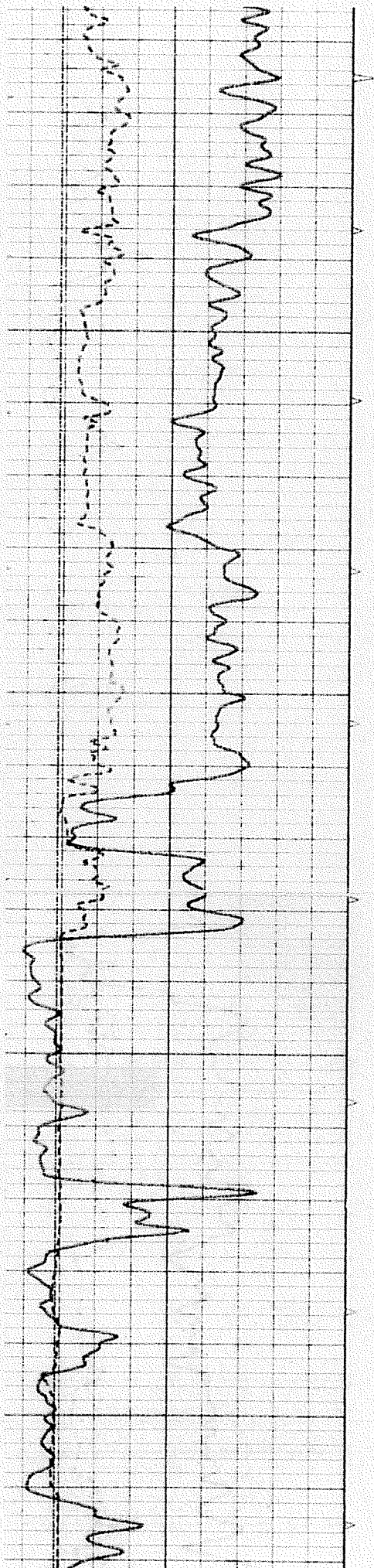
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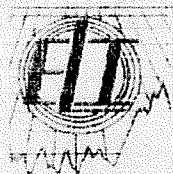
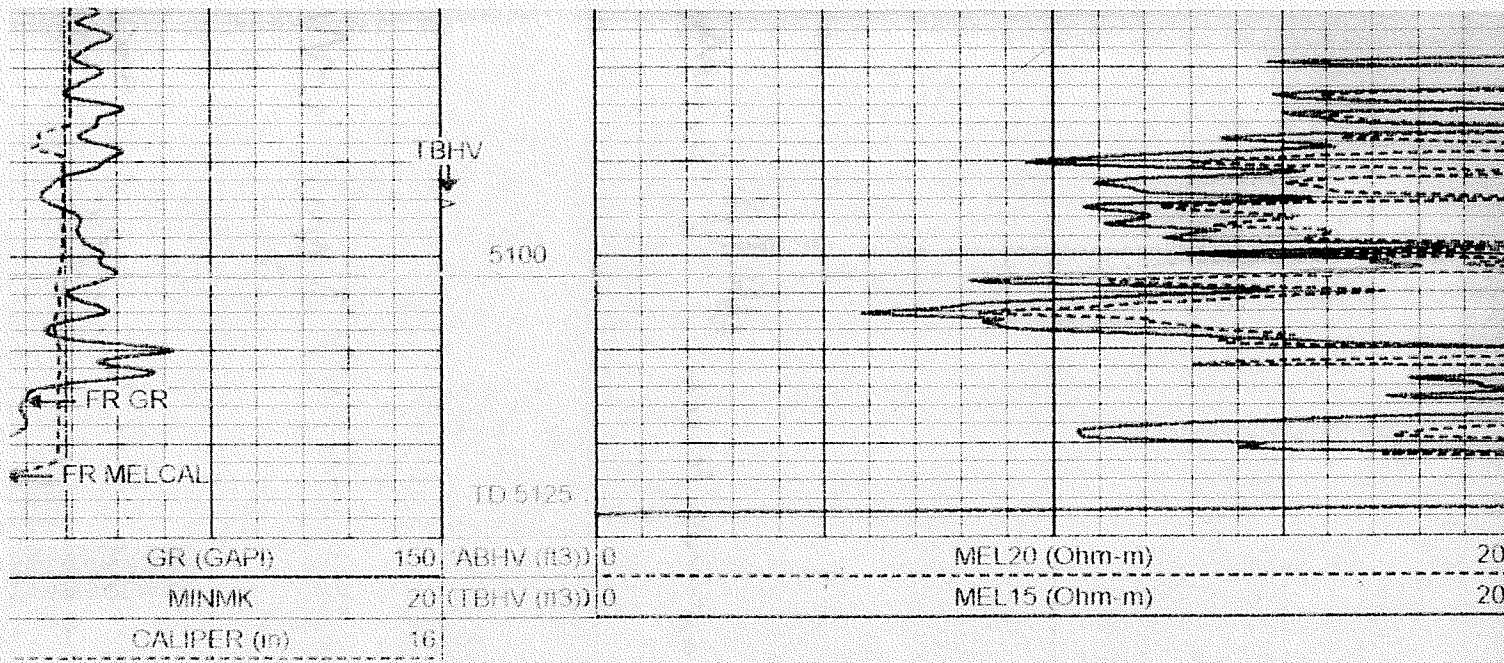
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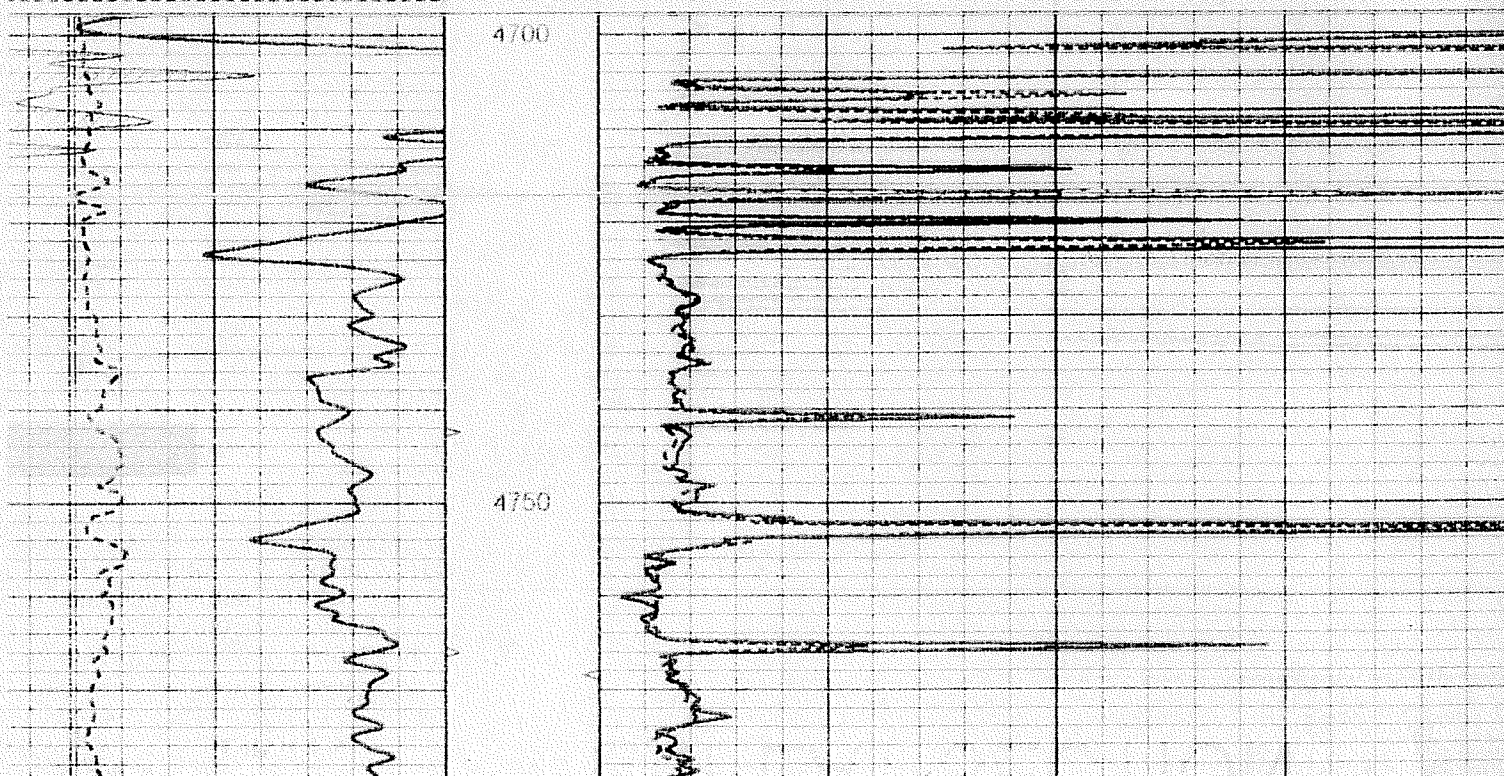


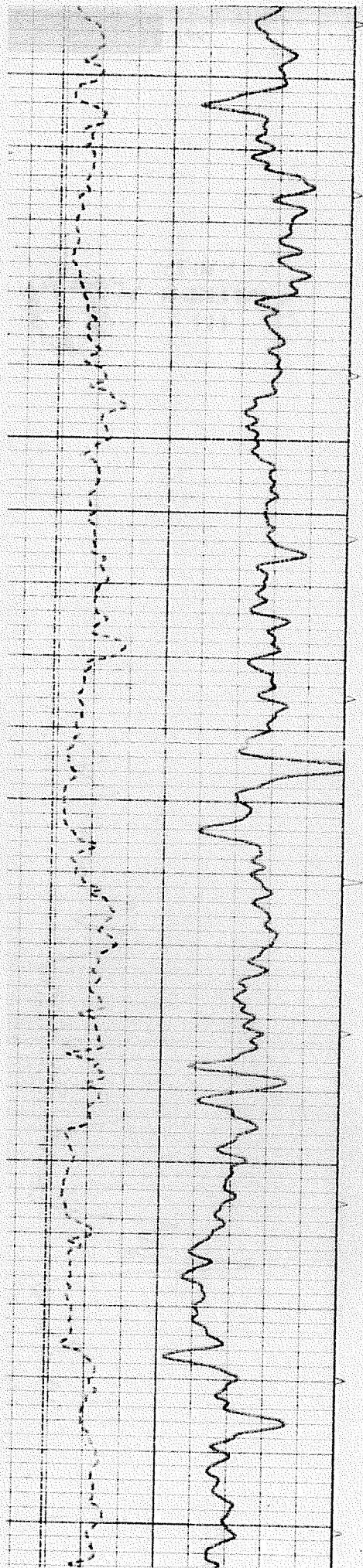
FII
WIRELINE
SERVICES

REPEAT SECTION

Database File: 19451pe.db
 Dataset Pathname: pass4.2
 Presentation Format: micro.pis
 Dataset Creation: Sat Jul 03 05:34:16 1999 by Calc VER_5.0
 Charted by: Depth in Feet scaled 1:240

GR (GAPI)	150	TBHV (ft3)	0	MEL20 (Ohm-m)	20
MINMK	20	TBHV (ft3)	0	MEL15 (Ohm-m)	20
CALIPER (in)	16				





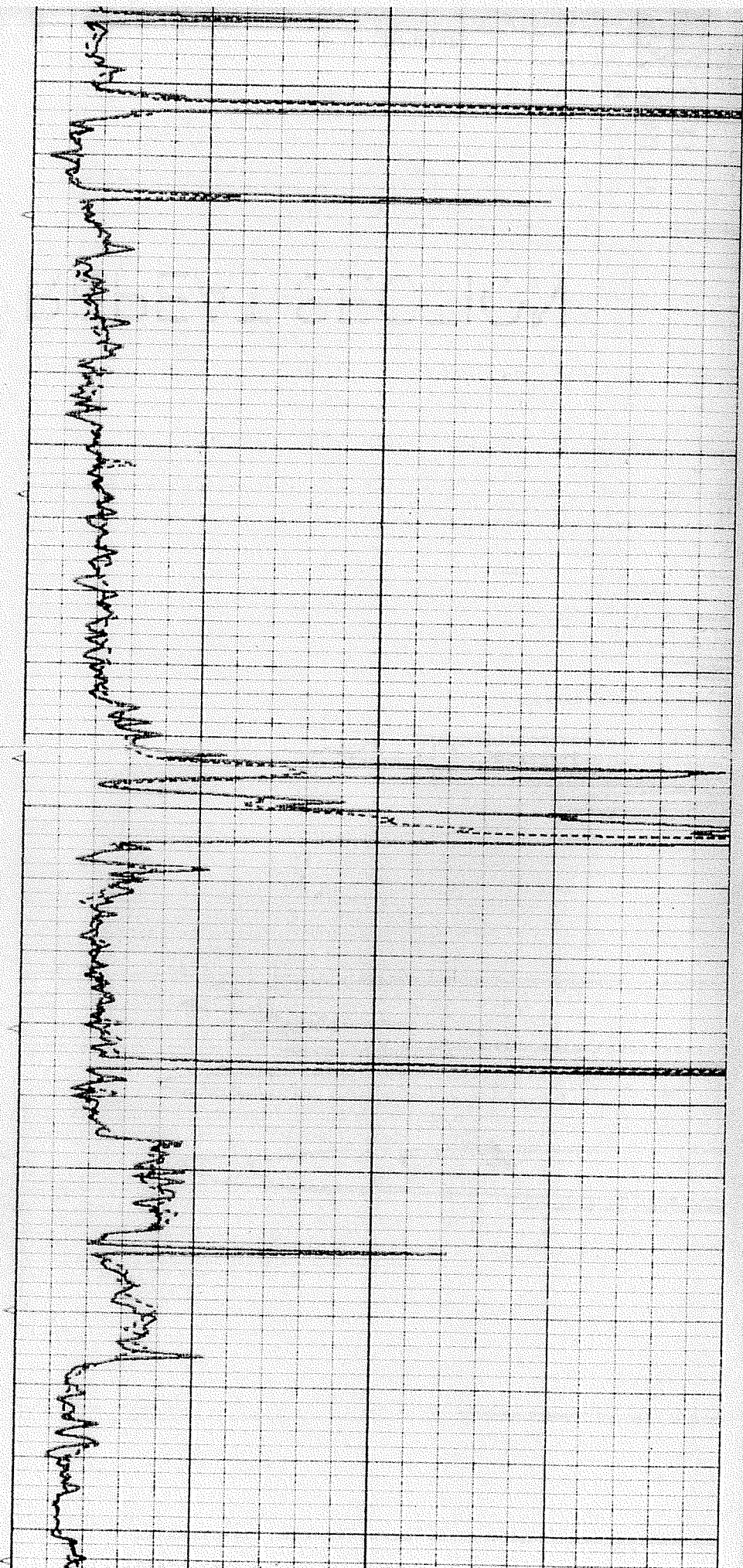
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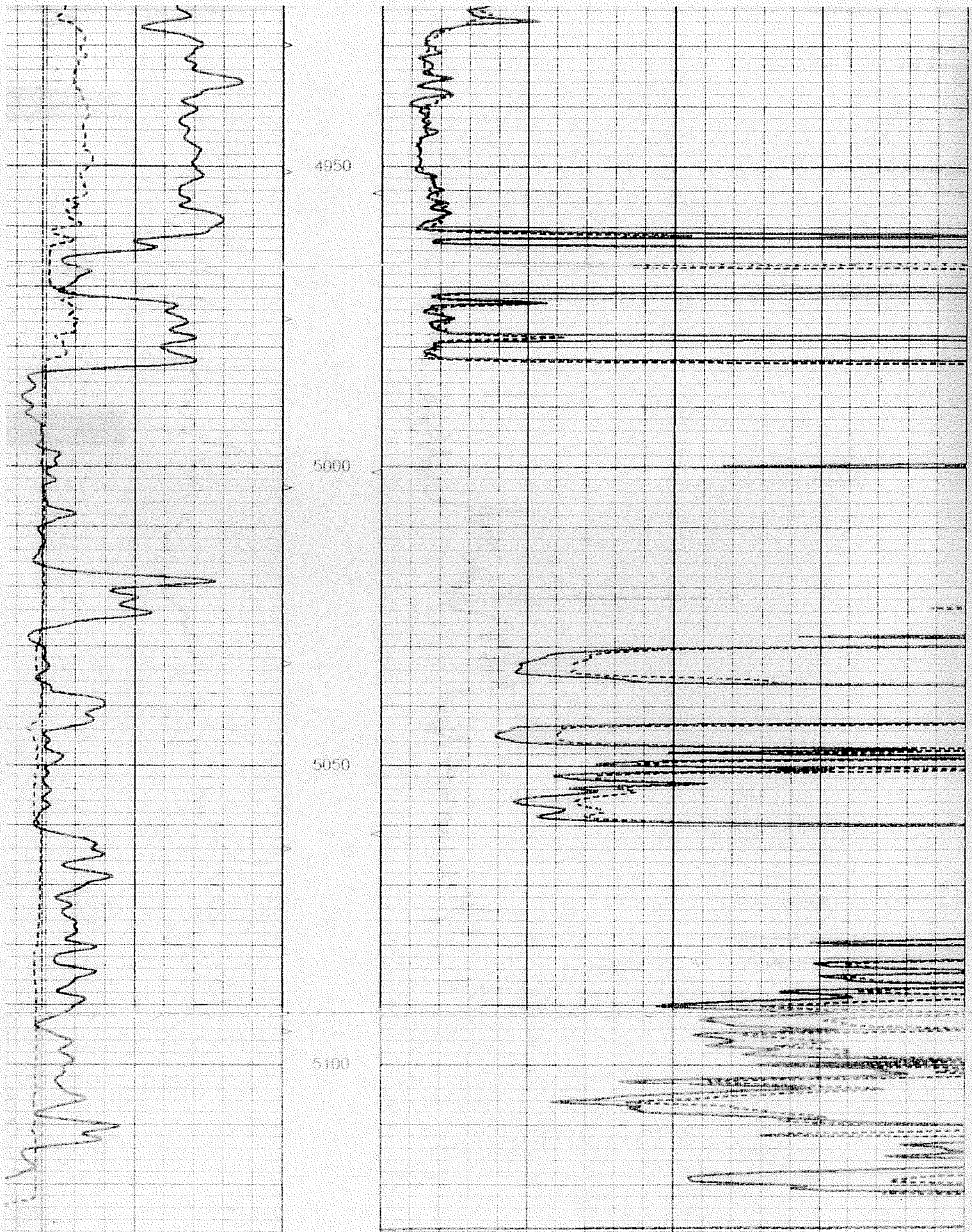
4800

4850

4900

4950





GR (GAPI)

150 ABHV (IT3) 0

MEL20 (Ohm-m)

20

MINMK

20 TBHV (IT3) 0

MEL15 (Ohm-m)

20

CAIDED

40