



KANSAS CORPORATION COMMISSION 1047213
OIL & GAS CONSERVATION DIVISION

Form ACO-1
June 2009

Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 31980
Name: Lotus Operating Company, L.L.C.
Address 1: 100 S MAIN STE 420
Address 2: _____
City: WICHITA State: KS Zip: 67202 + 3737
Contact Person: Tim Hellman
Phone: (316) 262-1077
CONTRACTOR: License # 34233
Name: Maverick Drilling LLC
Wellsite Geologist: Tim Hellman
Purchaser: Oneok & High Sierra Marketing

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SLOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____
Well Name: _____
Original Comp. Date: _____ Original Total Depth: _____

Deepening Re-perf. Conv. to ENHR Conv. to SWD

Conv. to GSW

Plug Back: _____ Plug Back Total Depth _____

Commingled Permit #: _____

Dual Completion Permit #: _____

SWD Permit #: _____

ENHR Permit #: _____

GSW Permit #: _____

<u>08/14/2010</u>	<u>08/19/2010</u>	<u>08/25/2010</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-007-23582-00-00

Spot Description: _____
SW NE SW SE Sec. 36 Twp. 34 S. R. 12 East West
850 Feet from North / South Line of Section
1815 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: Barber
Lease Name: CR Wetz Well #: 6
Field Name: Stranathan

Producing Formation: Mississippi

Elevation: Ground: 1417 Kelly Bushing: 1426

Total Depth: 5199 Plug Back Total Depth: 5076

Amount of Surface Pipe Set and Cemented at: 280 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 23000 ppm Fluid volume: 0 bbls

Dewatering method used: Evaporated

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

- Letter of Confidentiality Received
Date: 11/30/2010
- Confidential Release Date: 11/29/2012
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: NAOMI JAMES Date: 12/06/2010

Operator Name: Lotus Operating Company, L.L.C. Lease Name: CR Wetz Well #: 6
 Sec. 36 Twp. 34 S. R. 12 East West County: Barber

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken Yes No
 (Attach Additional Sheets)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No

Electric Log Submitted Electronically Yes No
 (If no, Submit Copy)

List All E. Logs Run:

Attached

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
Heebner	3816	-2390
BKC	4579	-3153
Cher. Sh.	4718	-3292
Miss	4767	-3341
Kind. Sh.	5020	-3594
Viola	5173	-3747
LTD	5198	-3772

CASING RECORD New Used

Report all strings set-conductor, surface, intermediate, production, etc.

Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	14.75	10.75	32	280	60/40 poz mix	225	2% g, 3% cc
Production	7.88	5.5	14	5121	Class A ASC	200	latex

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
___ Perforate				
___ Protect Casing				
___ Plug Back TD	-			
___ Plug Off Zone	-			

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2	4771-4822	Acid 3000 10% NEFE	4771-4822
2	4771-4822	Frac 411,000# and 22,330 slick water	4771-4822

TUBING RECORD:		Size:	Set At:	Packer At:	Liner Run:
		2.875	4900	None	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR.		Producing Method:			
9/29/2010		<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	85	200	300		21

DISPOSITION OF GAS:	METHOD OF COMPLETION:	PRODUCTION INTERVAL:
<input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, Submit ACO-18.)	<input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled (Submit ACO-5) <input type="checkbox"/> Other (Specify) _____	_____ _____

Form	ACO1 - Well Completion
Operator	Lotus Operating Company, L.L.C.
Well Name	CR Wetz 6
Doc ID	1047213

All Electric Logs Run

Dual Induction
Neutron Density w/PE
Micro
Sonic



*Mark Parkinson, Governor
Thomas E. Wright, Chairman
Joseph F. Harkins, Commissioner
Ward Loyd, Commissioner*

November 29, 2010

Tim Hellman
Lotus Operating Company, L.L.C.
100 S MAIN STE 420
WICHITA, KS 67202-3737

Re: ACO1
API 15-007-23582-00-00
CR Wetz 6
SE/4 Sec.36-34S-12W
Barber County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,
Tim Hellman



SUPERIOR
Hays,
Kansas

**DUAL INDUCTION
LOG**

Company LOTUS OPERATING COMPANY, LLC.

Well CR WETZ #6

Field STRANATHAN

County BARBER State KANSAS

Location: API #: 15-007-23582-0000

850' FSL & 1815' FEL

SEC 36 TWP 34S RGE 12W

Permanent Datum GROUND LEVEL Elevation 1417
Log Measured From KELLY BUSHING 9' A.G.L.
Drilling Measured From KELLY BUSHING

Other Services
CDU/CN/PE
MEL/SONIC

Elevation

K.B. 1426
D.F. 1424
G.L. 1417

Company	LOTUS OPERATING CO. LLC.
Well	CR WETZ #6
Field	STRANATHAN
County	BARBER
State	KANSAS
Site	8/18/10
Run Number	ONE
Depth Driller	5199
Depth Logger	5198
Bottom Logged Interval	5196
Top Log Interval	00
Logging Driller	10 3/4" @ 280'
Logging Logger	280
Log Size	7 7/8"
Log Fluid in Hole	CHEMICAL MUD
Conductivity / Viscosity	9.4/58
Flow / Fluid Loss	10.0/9.6
Volume of Sample	FLOWLINE
Flow @ Meas. Temp	.620 @ 100F
Temp @ Meas. Temp	.465 @ 100F
Temp @ Meas. Temp	.744 @ 100F
Volume of Rmf / Rmc	MEASUREMENT
Flow @ BHT	.488 @ 127F
Time Circulation Stopped	3 HOURS
Time Logger on Bottom	6:45 P.M.
Maximum Recorded Temperature	127F
Equipment Number	0836
Location	HAYS, KANSAS
Recorded By	JEFF LUEBBERS
Checked By	TIM HELLMAN

<<< Fold Here >>>

All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of an 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

THANK YOU FOR USING SUPERIOR WELL SERVICE HAYS, KANSAS (785) 628-6395
 DIRECTIONS
 MEDICINE LODGE, KS. (HWY 160 & 281 JUNCTION) 17S. ON HWY 281 TO (MM#7) "DRIFTWOOD RD."
 1/4W., N. INTO @TANK BATTERY



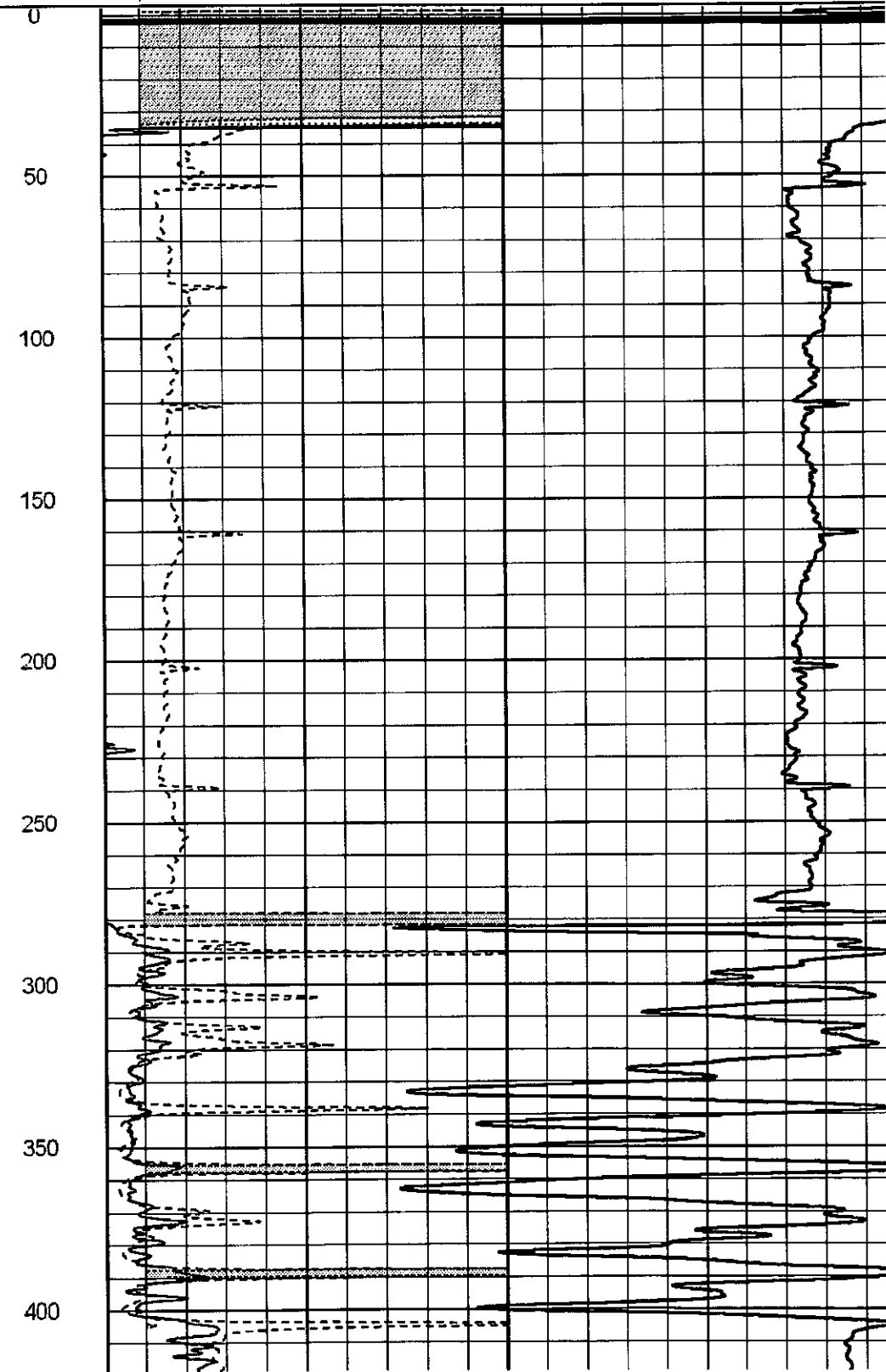
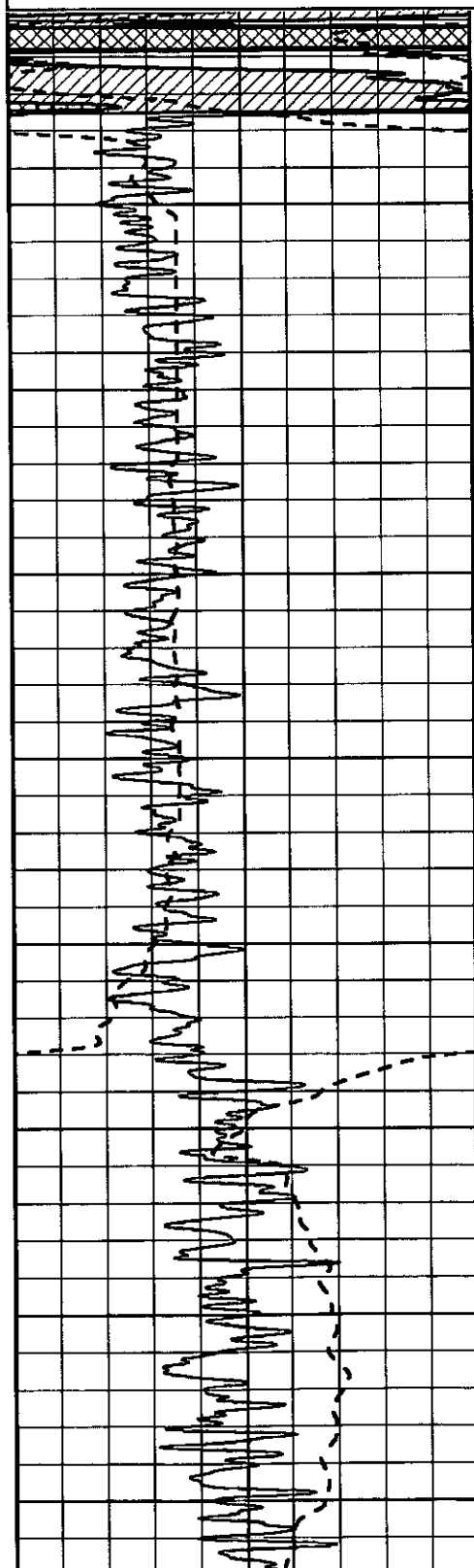
SUPERIOR
Hays,

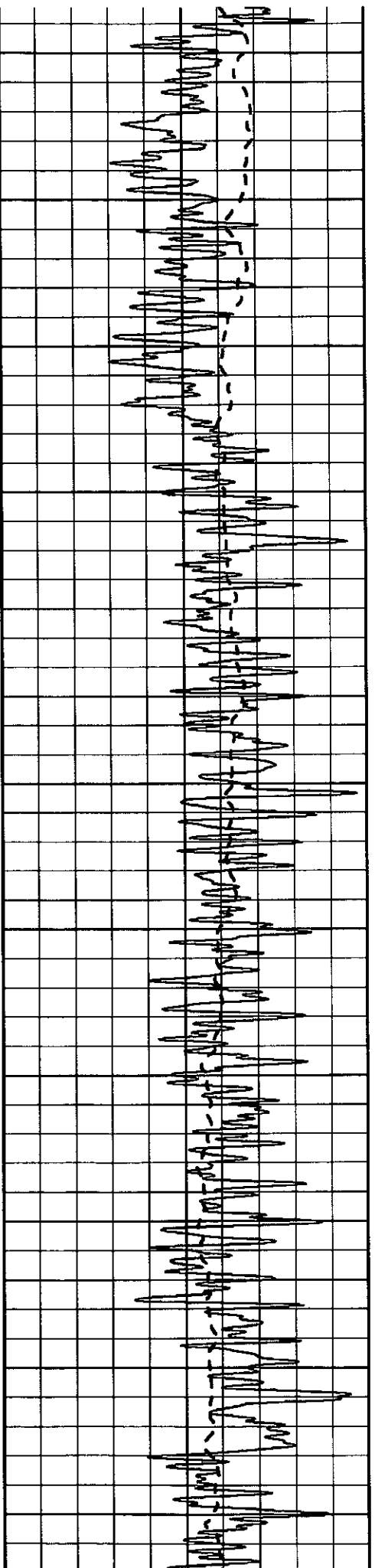
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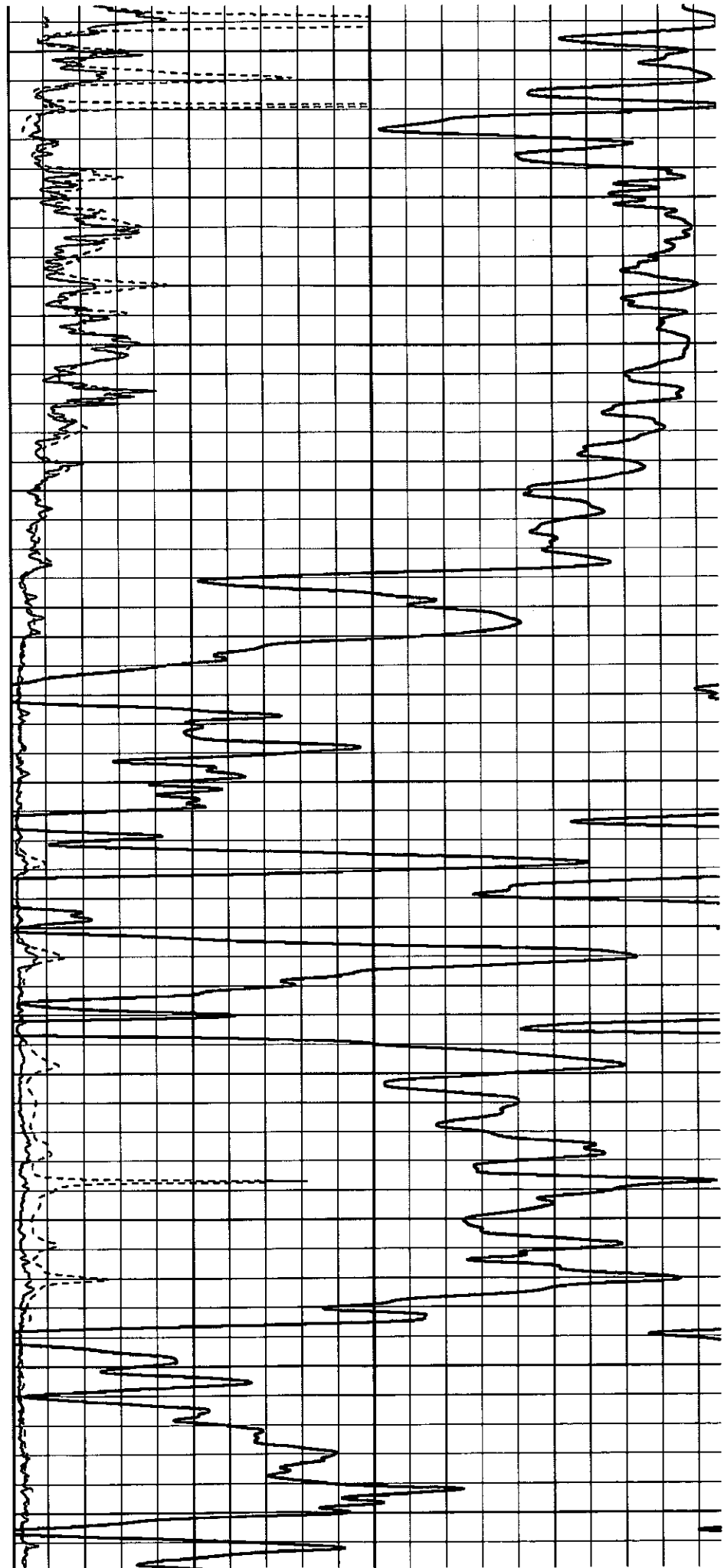
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-100	SP (mV)	100

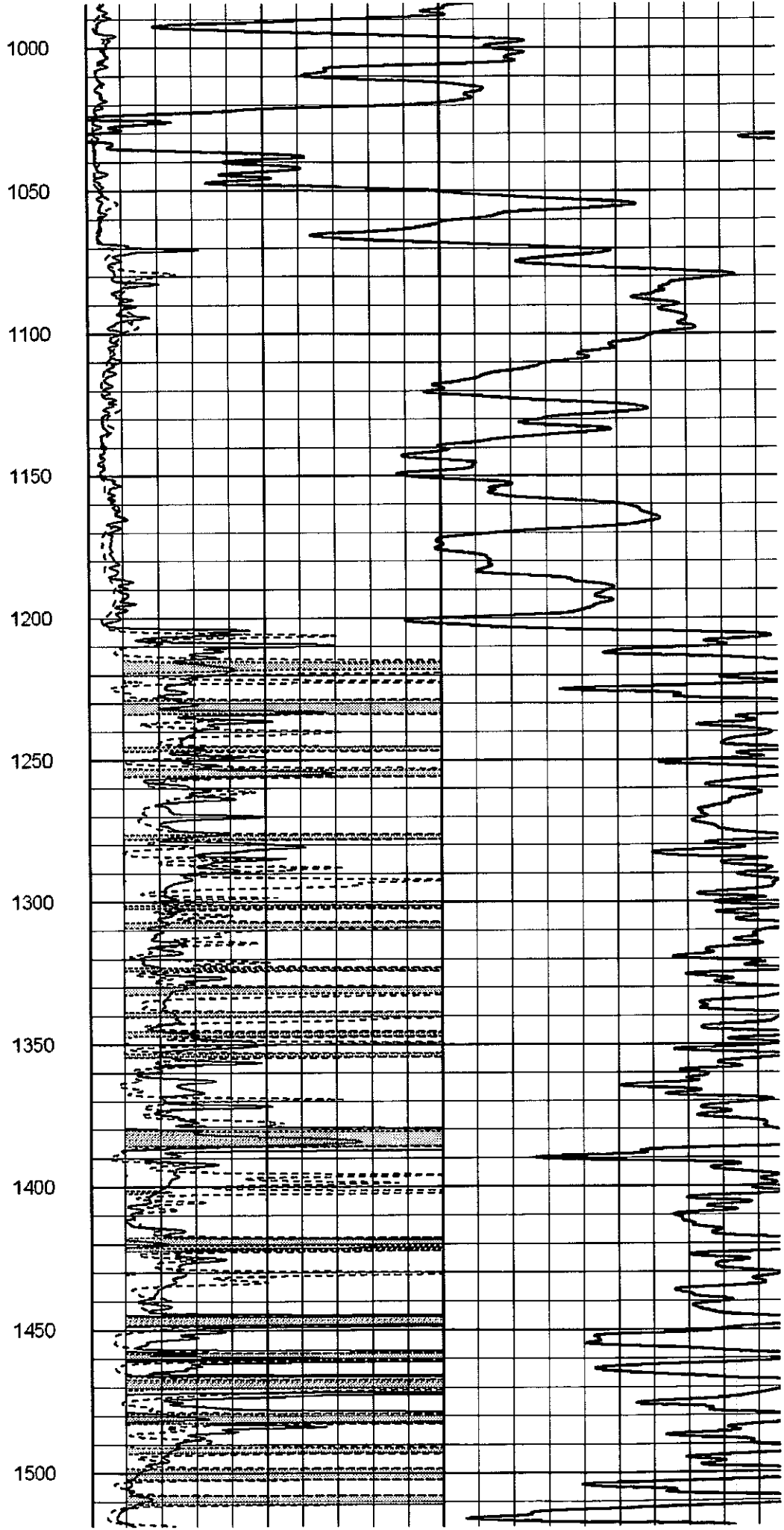
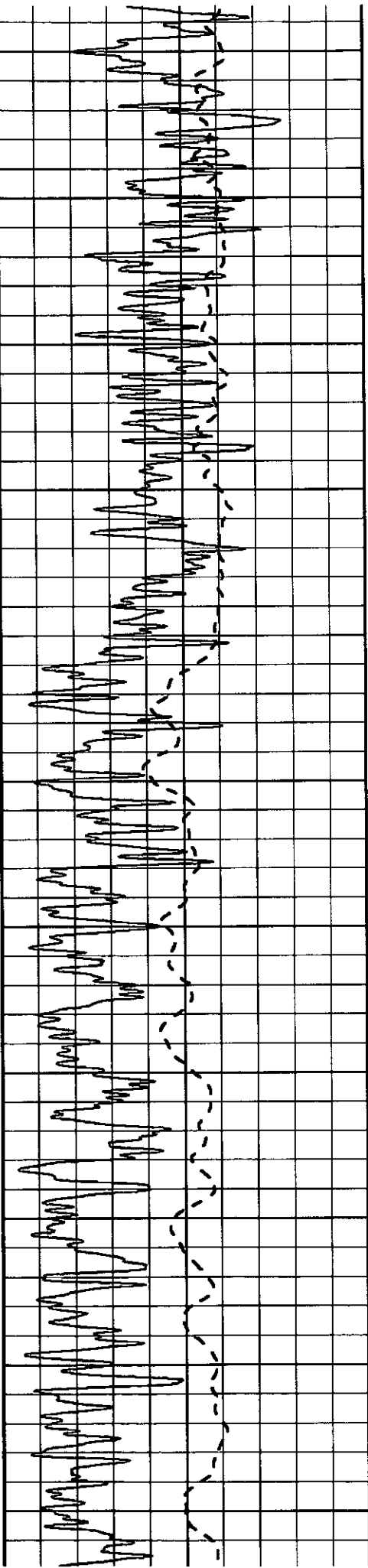
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0	RILD (Ohm-m)	50
1000	CILD (mmho/m)	
50	RILD X10 (Ohm-m)	500
50	RLL3 X10 (Ohm-m)	500

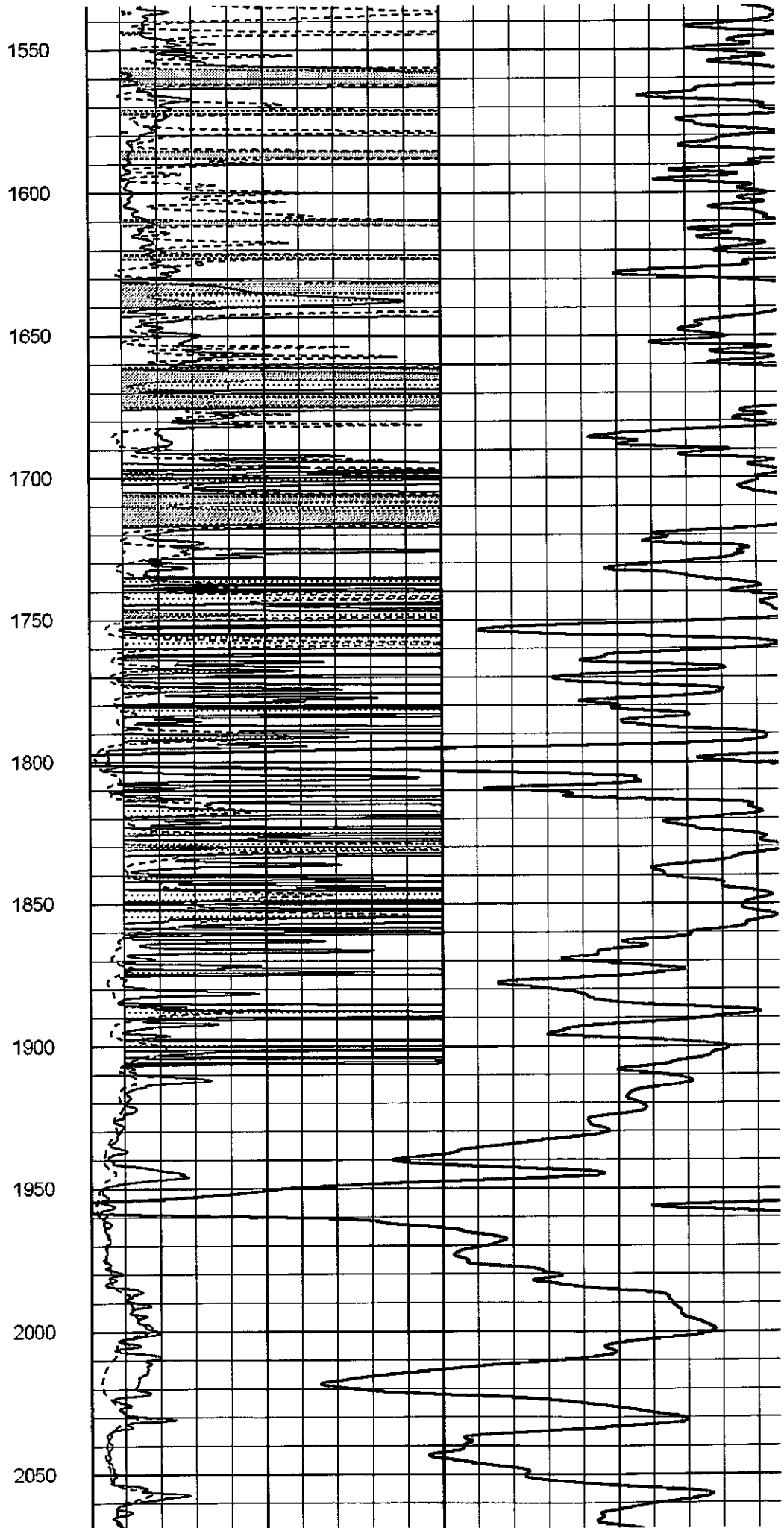
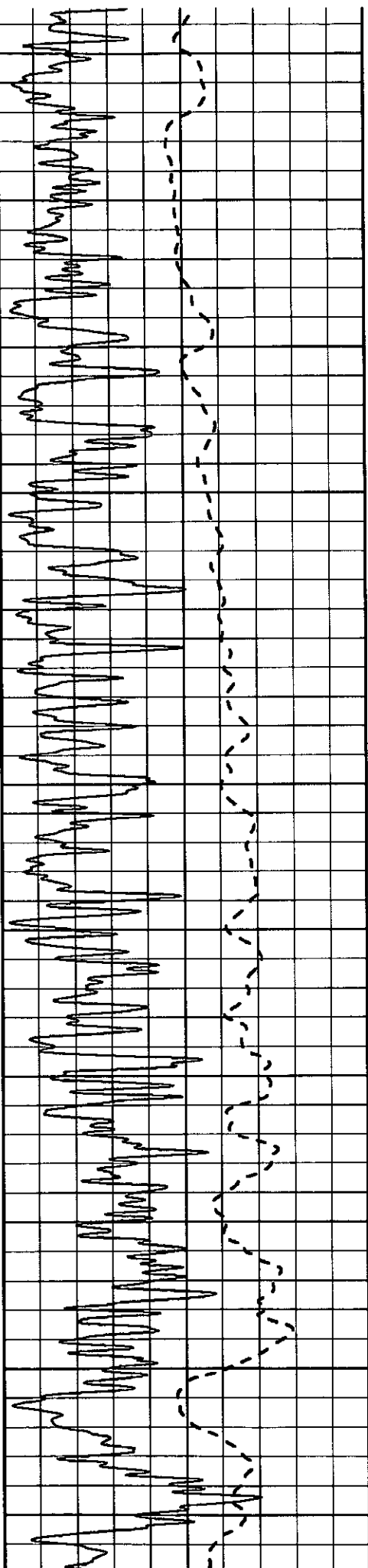


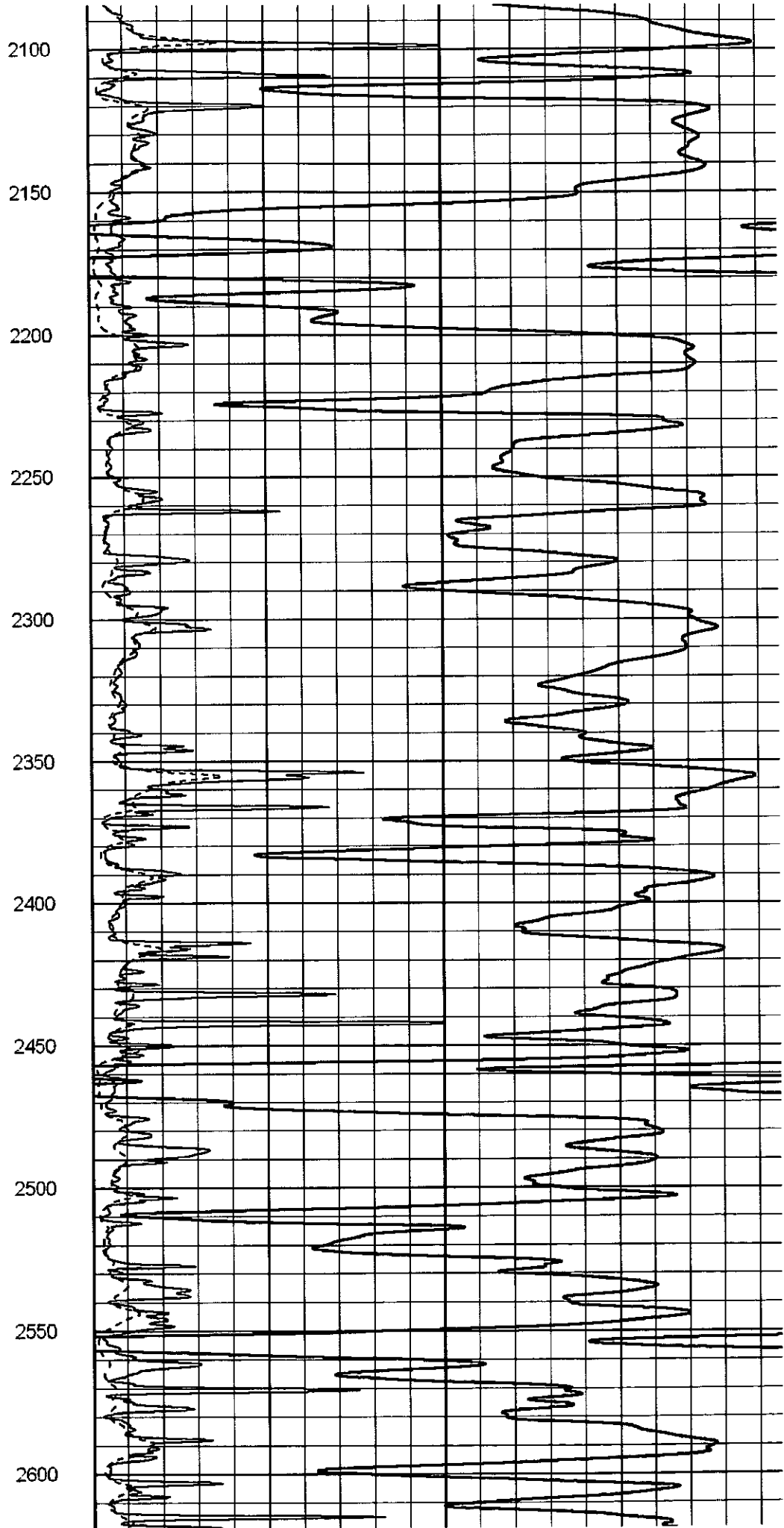
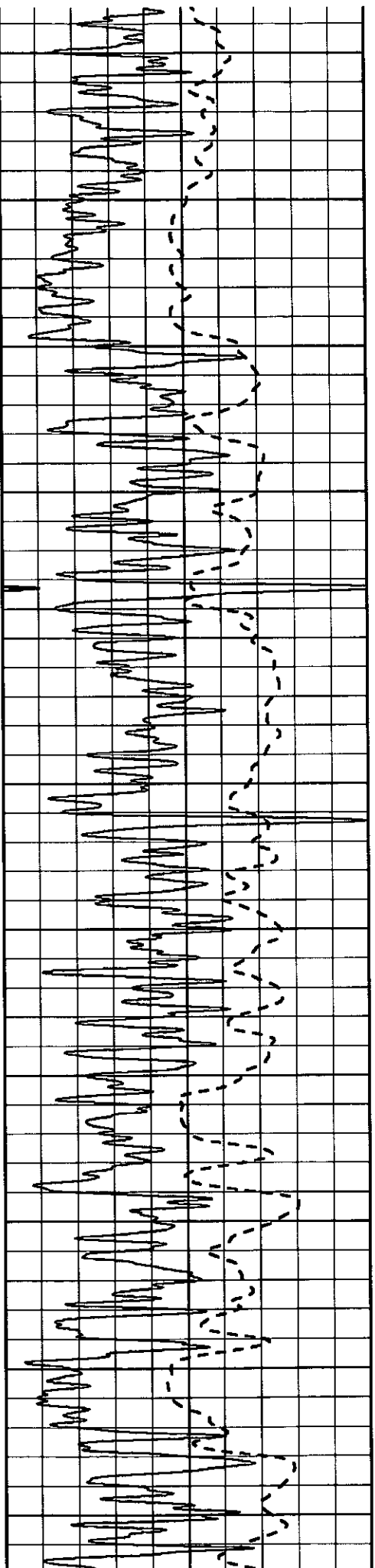


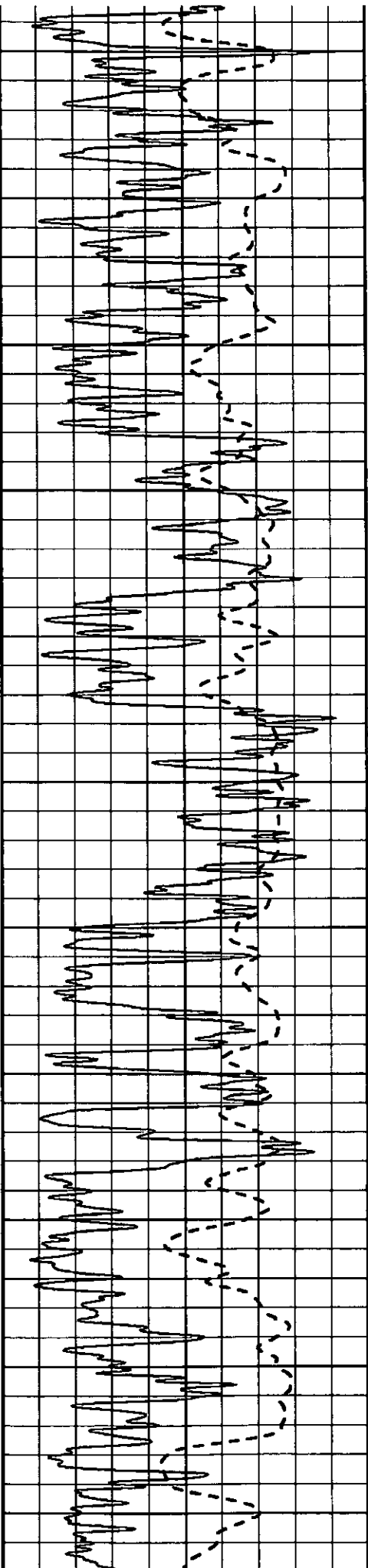
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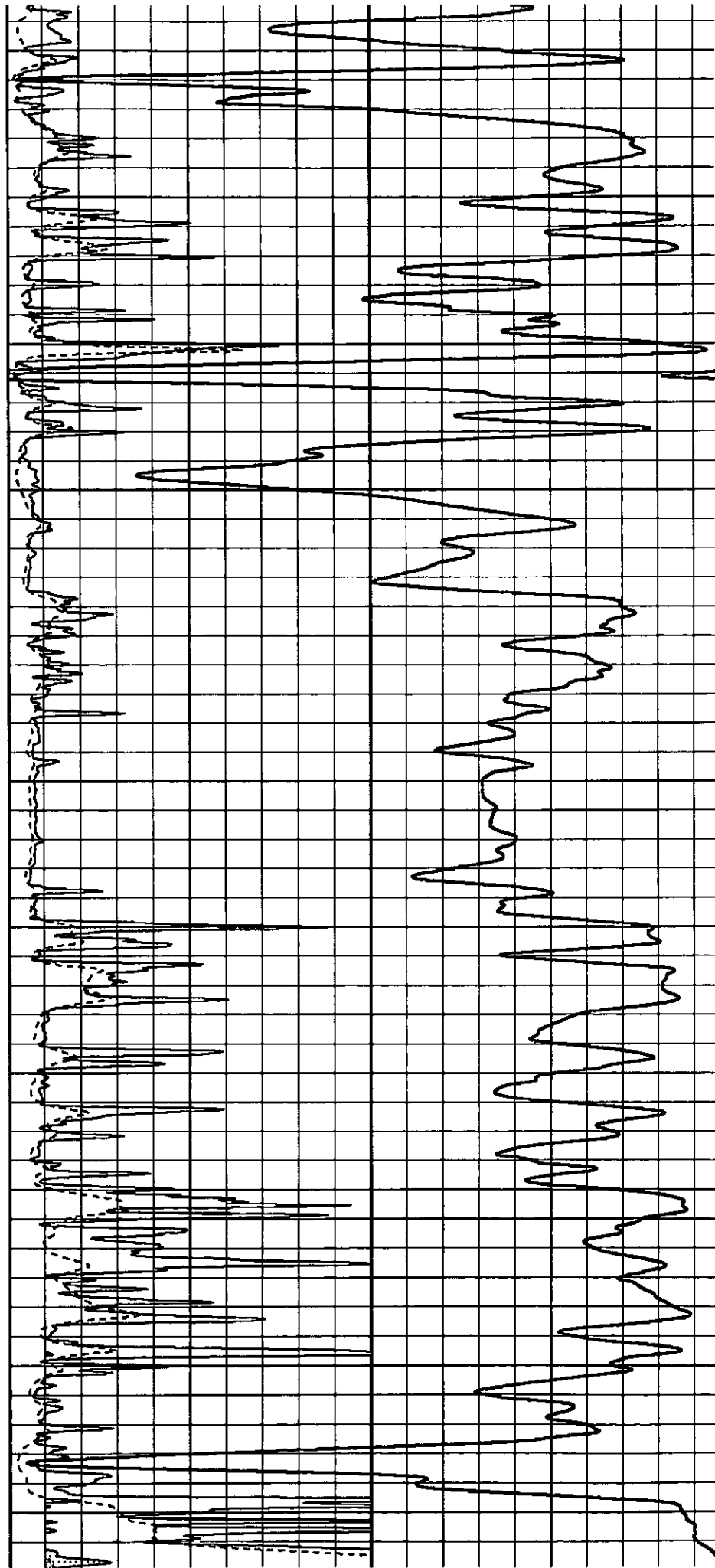


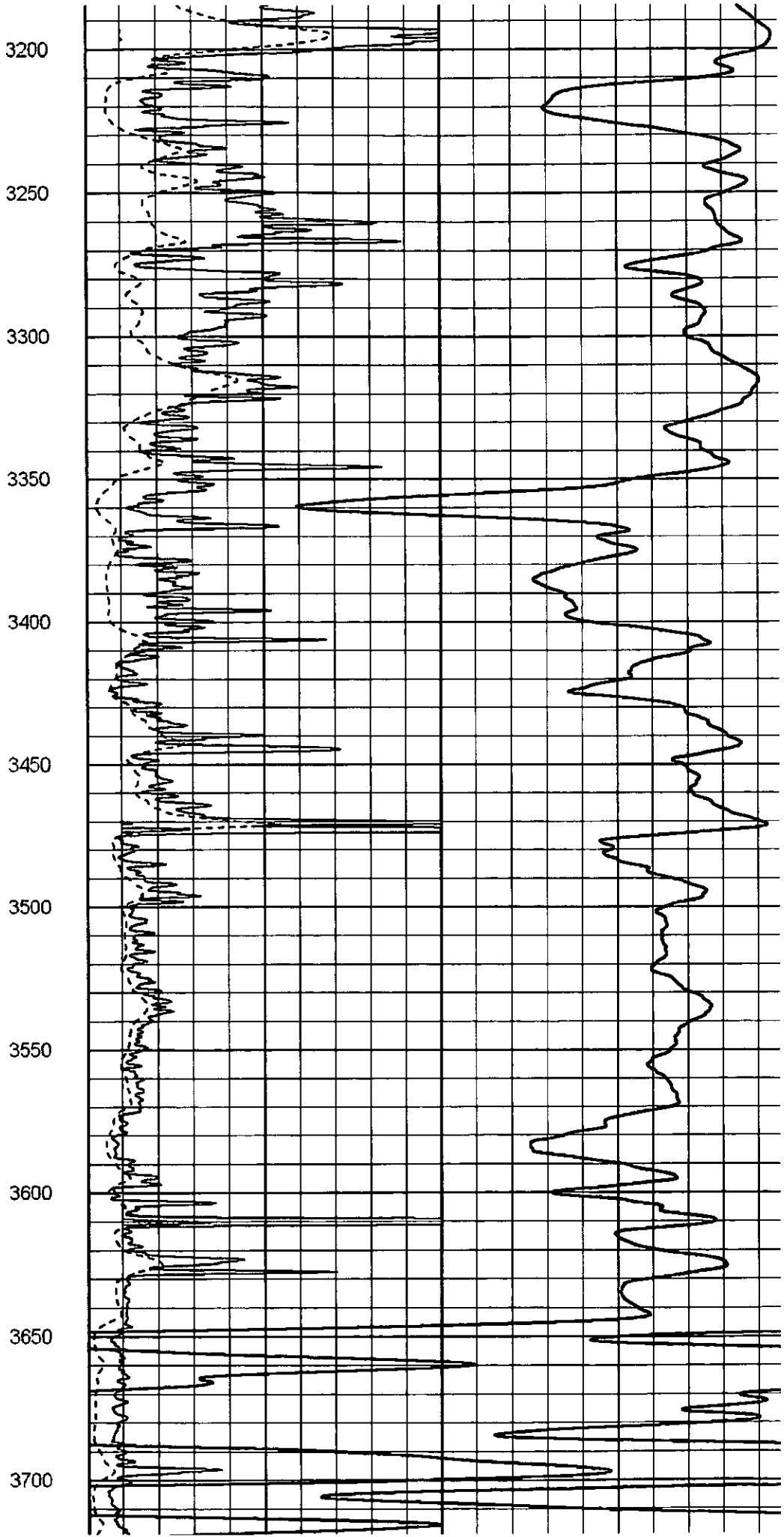
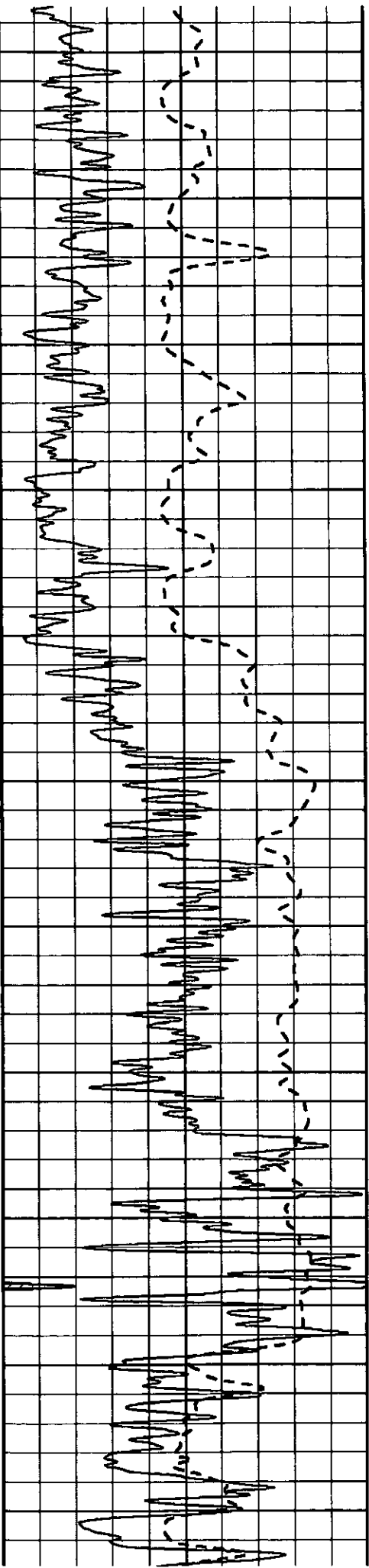


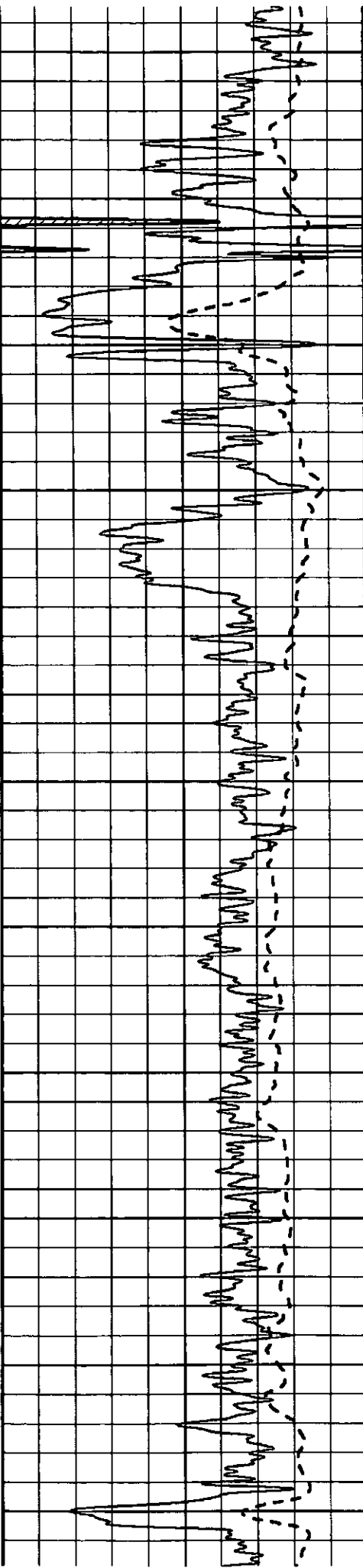




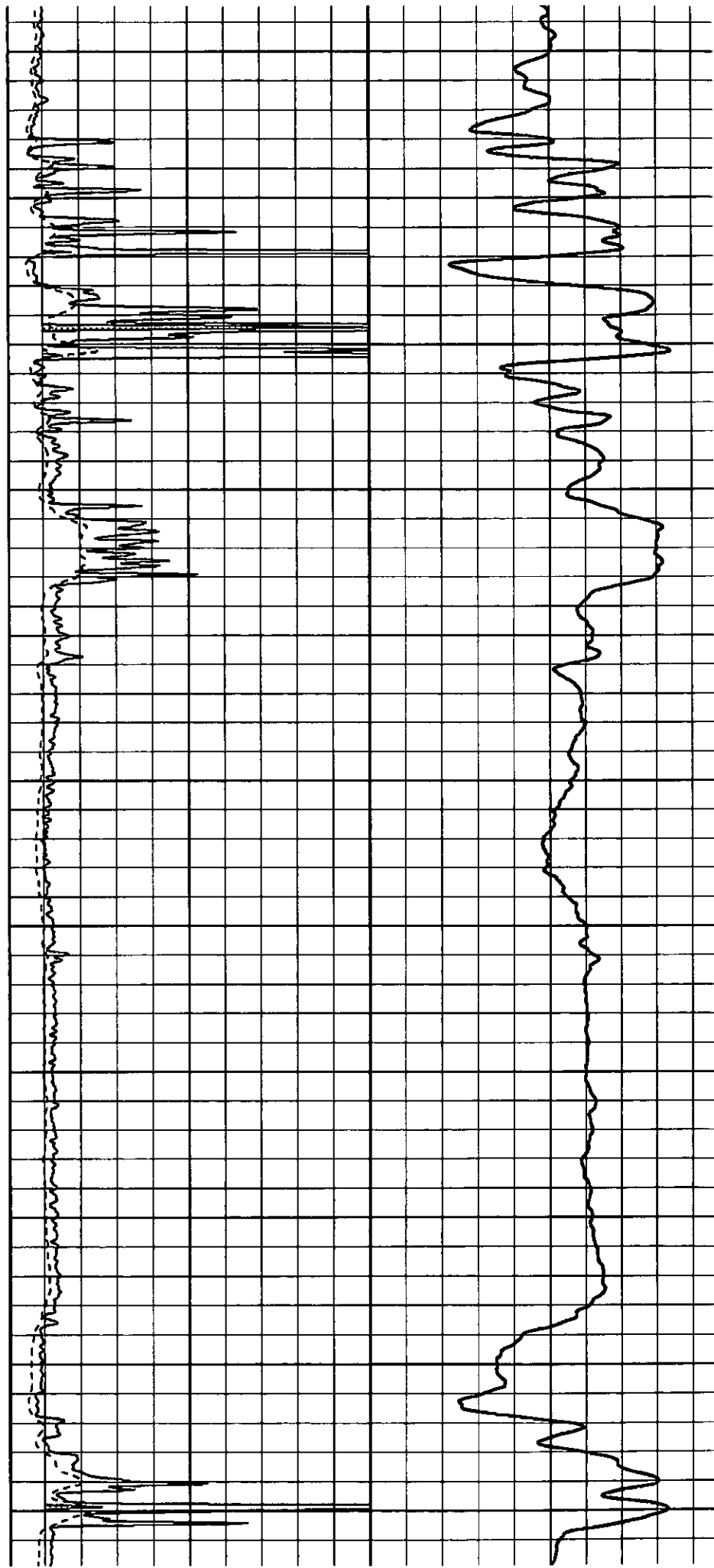
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2750
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2850
2900
2950
3000
3050
3100
3150

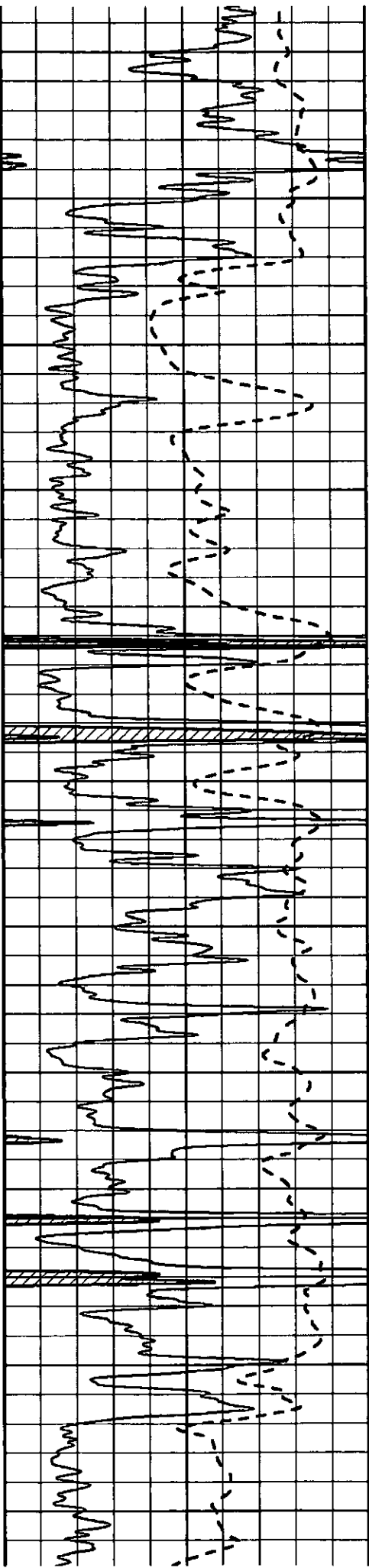




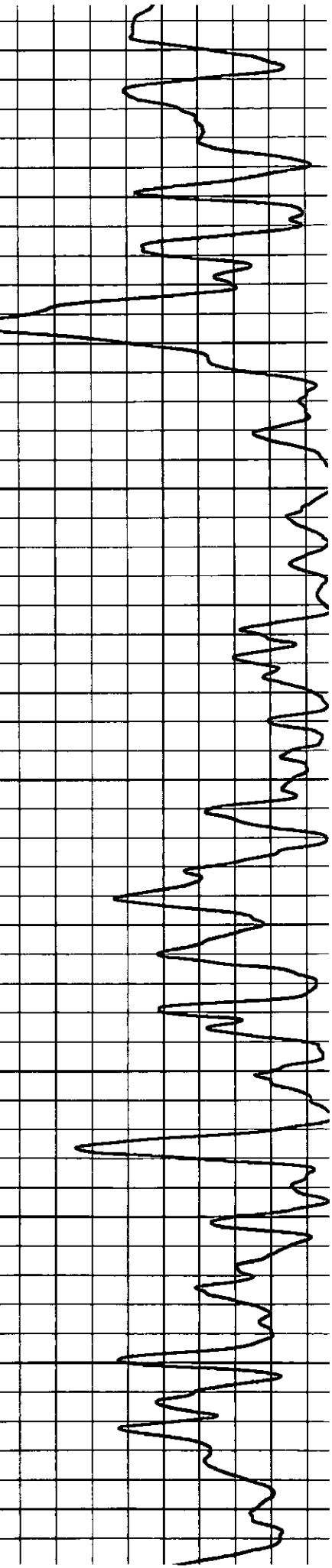
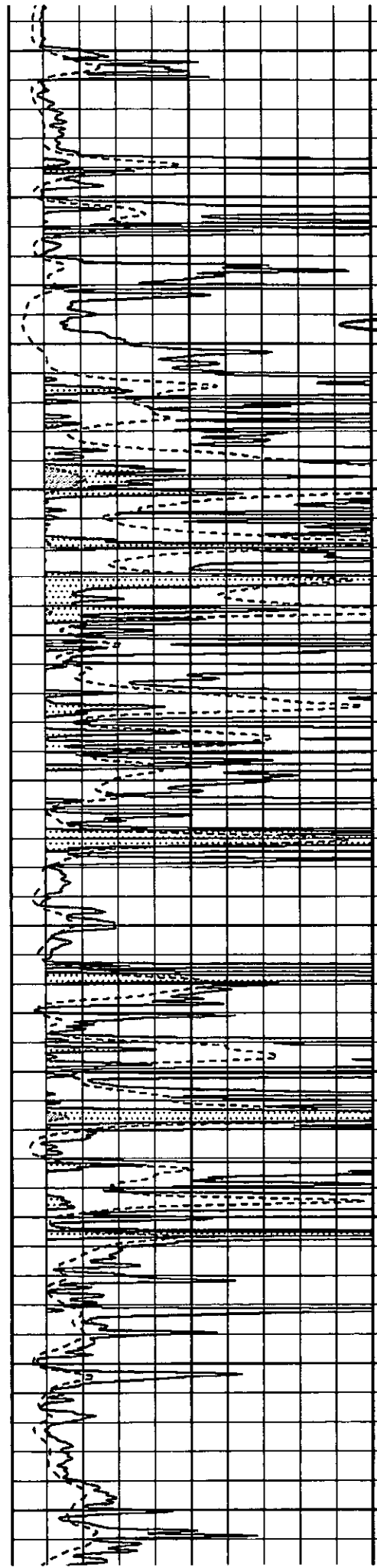


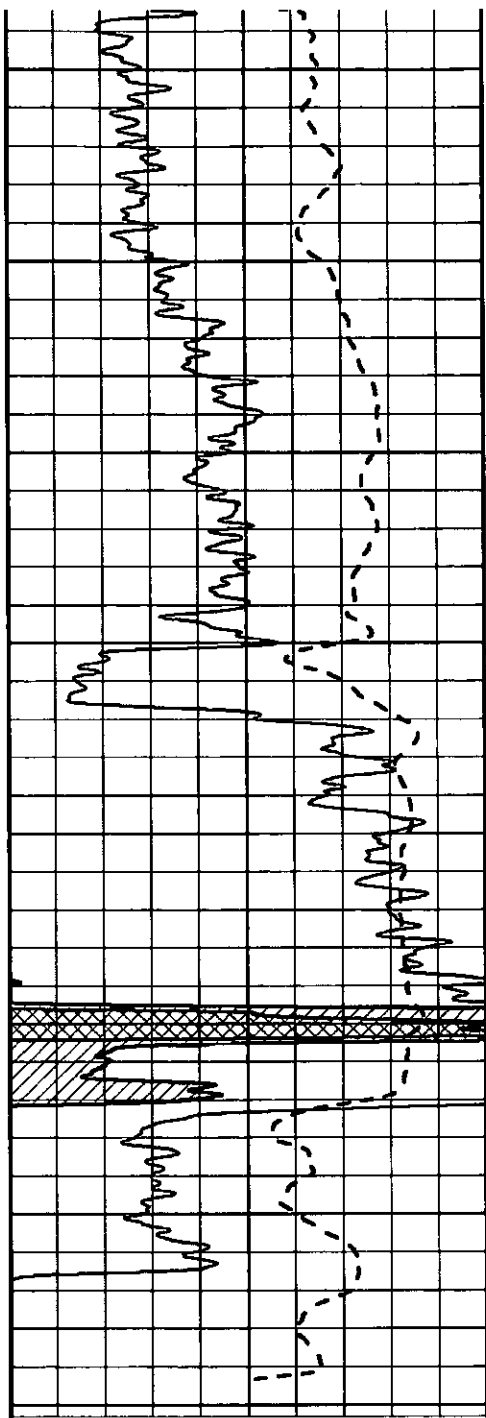
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4250





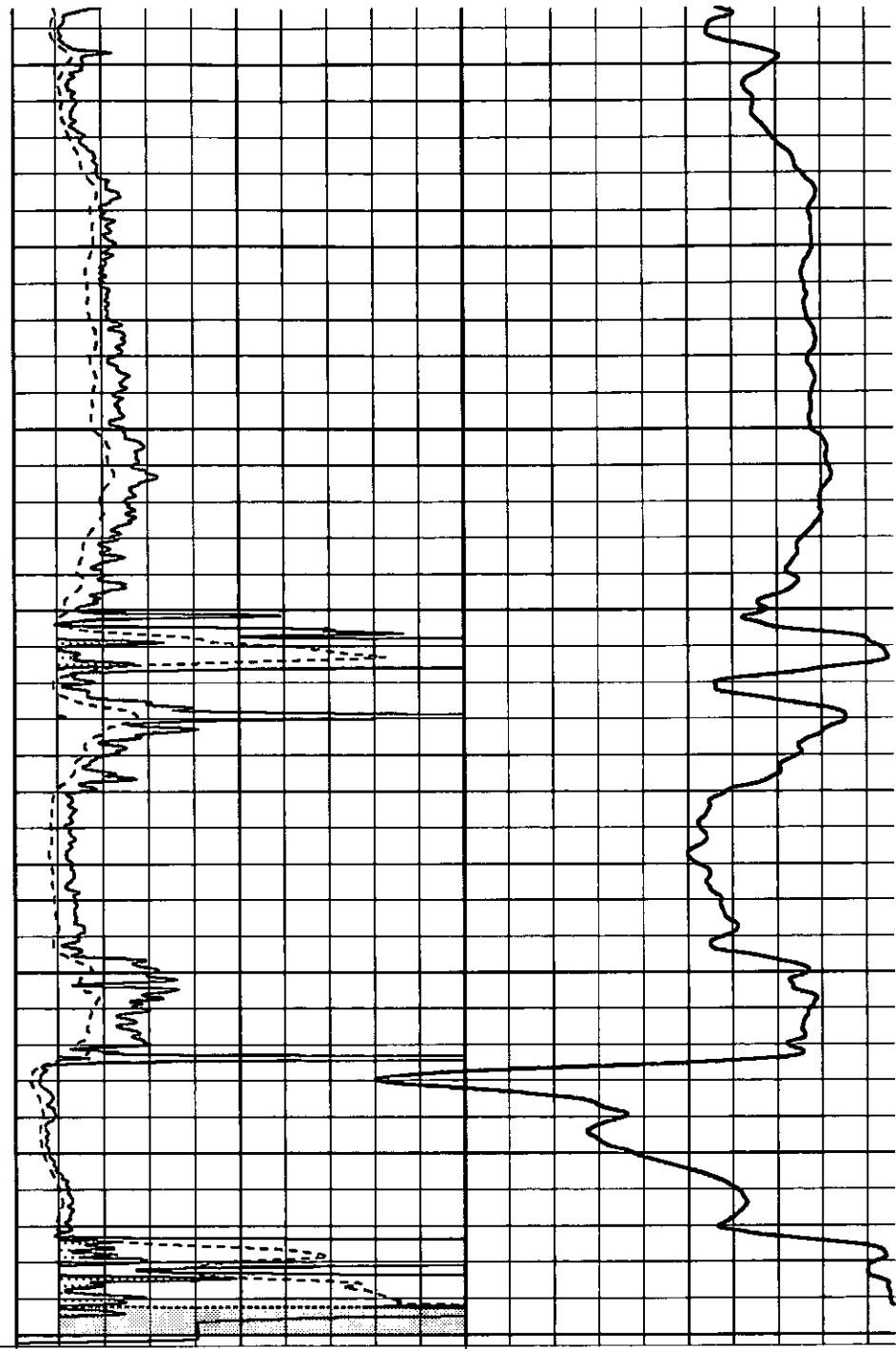
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4650
4700
4750
4800





4850
4900
4950
5000
5050
5100
5150
5200

0 Gamma Ray (GAPI) 150
-100 SP (mV) 100



0 RLL3 (Ohm-m) 50
0 RILD (Ohm-m) 50

1000 CILD (mmho/m)

50 RILD X10 (Ohm-m) 500

50 RLL3 X10 (Ohm-m) 500



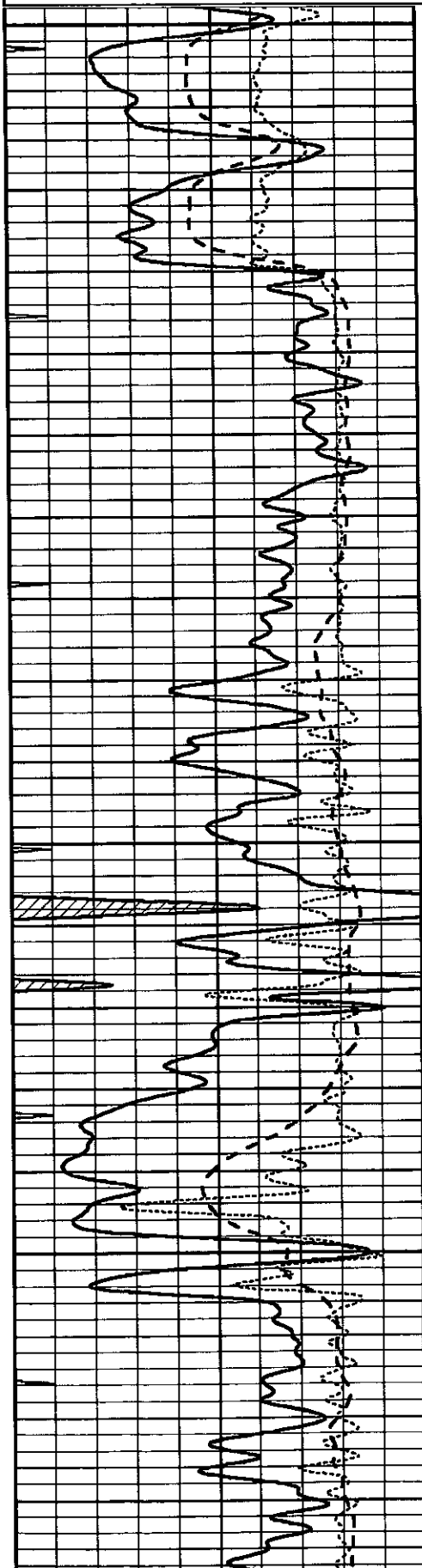
SUPERIOR
Hays,
Kansas

MAIN SECTION

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 Dataset Creation: Wed Aug 18 20:19:33 2010 by Calc Open-Cased 090629
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DEPTH (m)	LOG NAME (GAPI)	SCALE
-100	SP (mV)	100
-250	Rxo/Rt	50
0	MINMK	10

DEPTH (m)	LOG NAME (GAPI)	SCALE
0.2	DEEP INDUCTION (Ohm-m)	200
0.2	MEDIUM INDUCTION (Ohm-m)	200

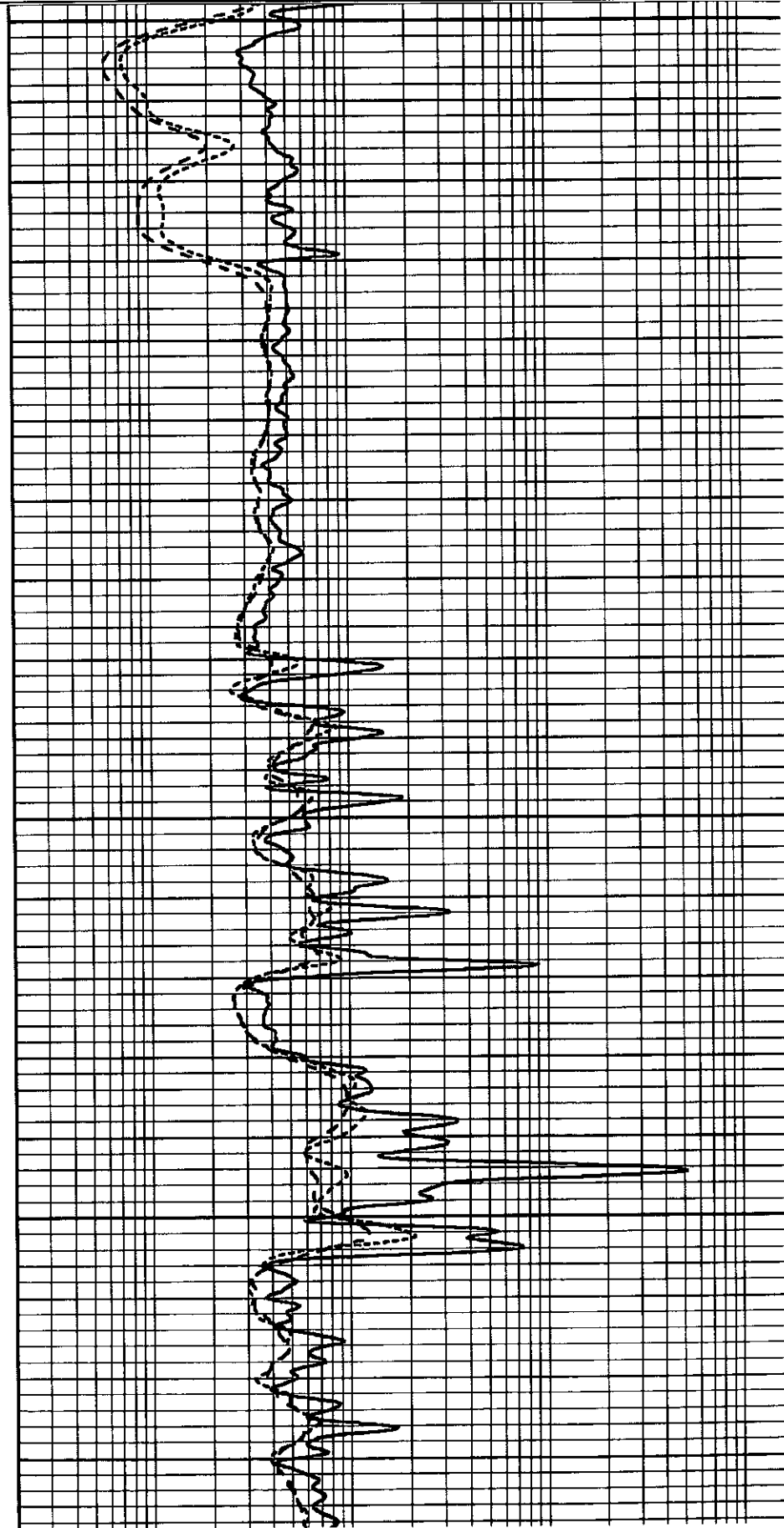


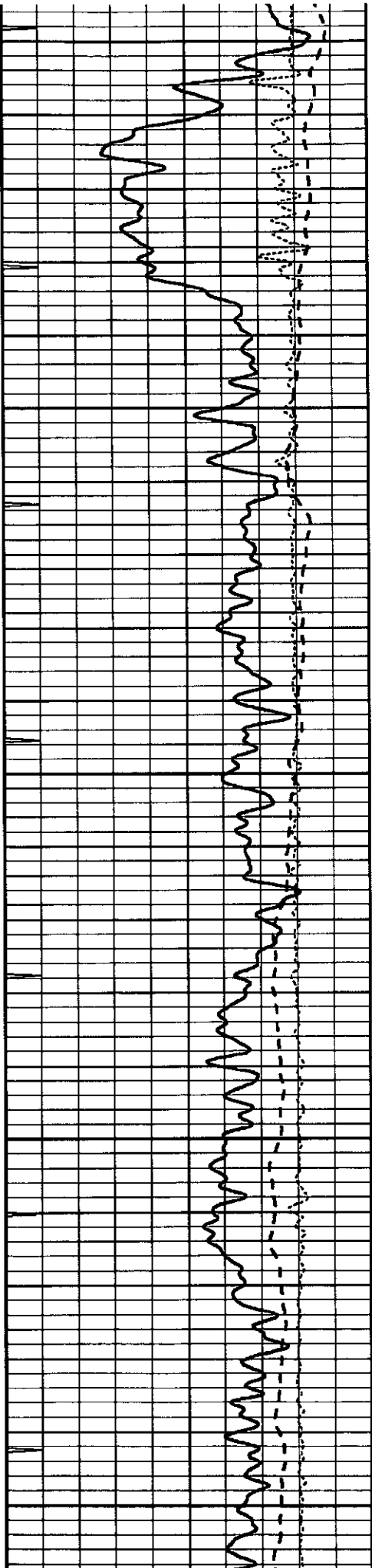
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3750

3800

3850





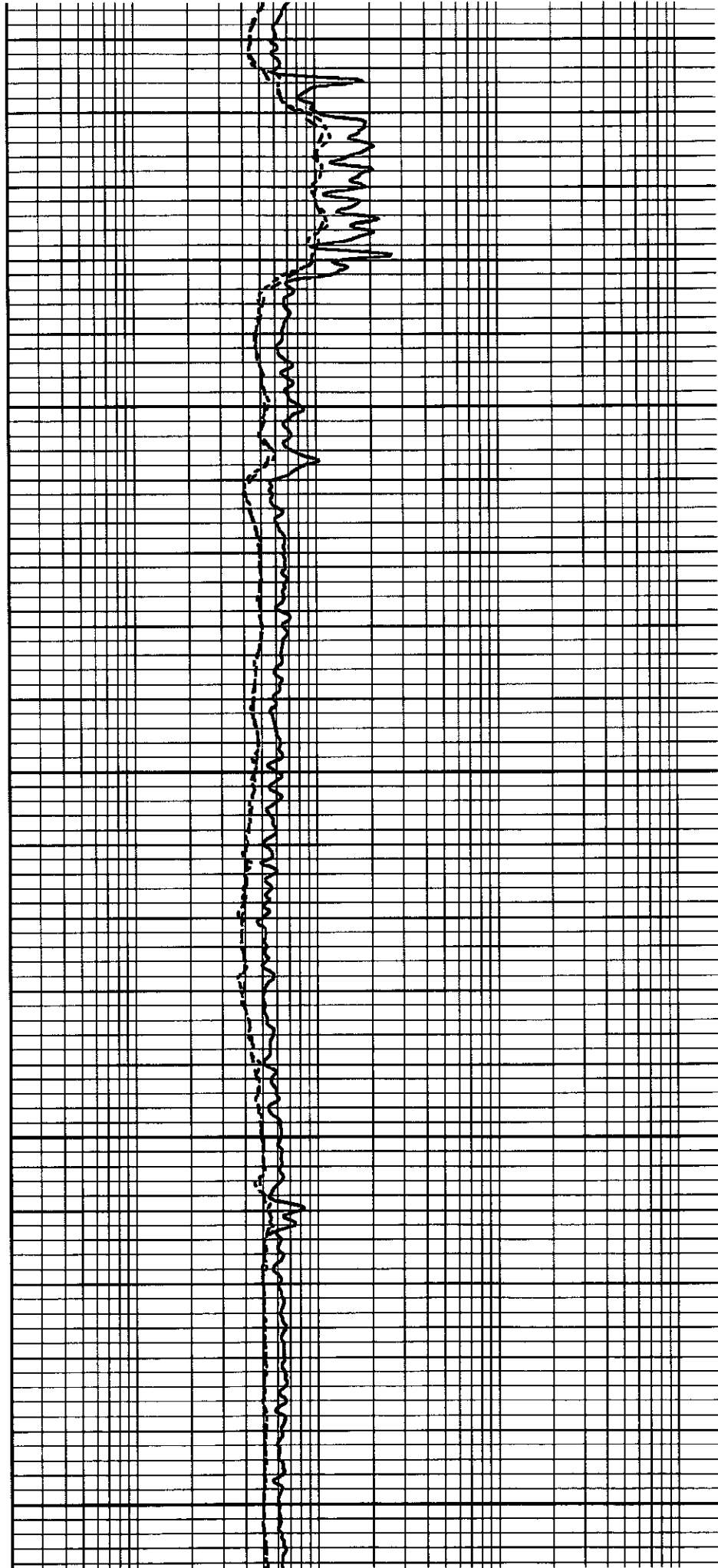
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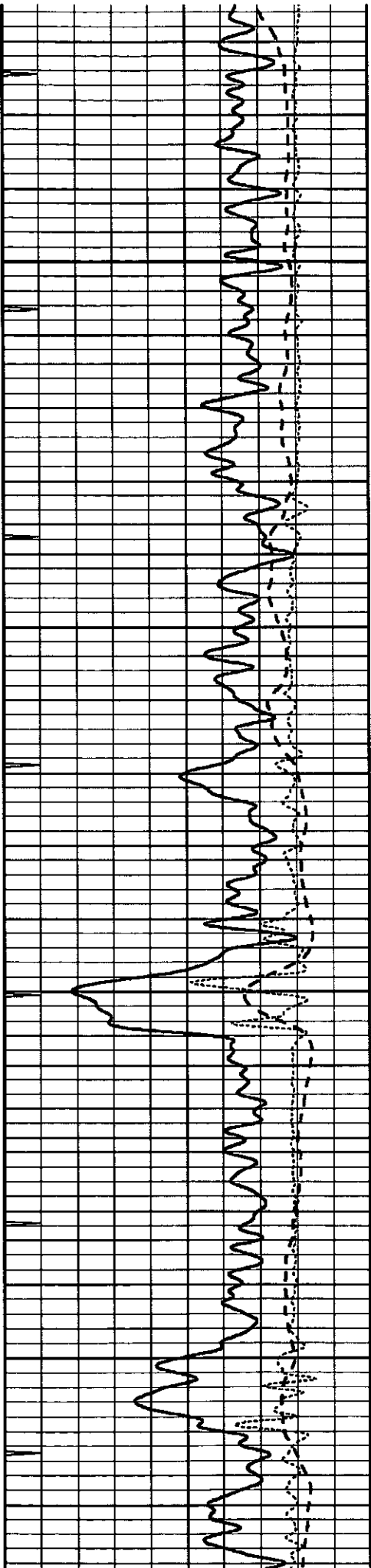
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4050

4100



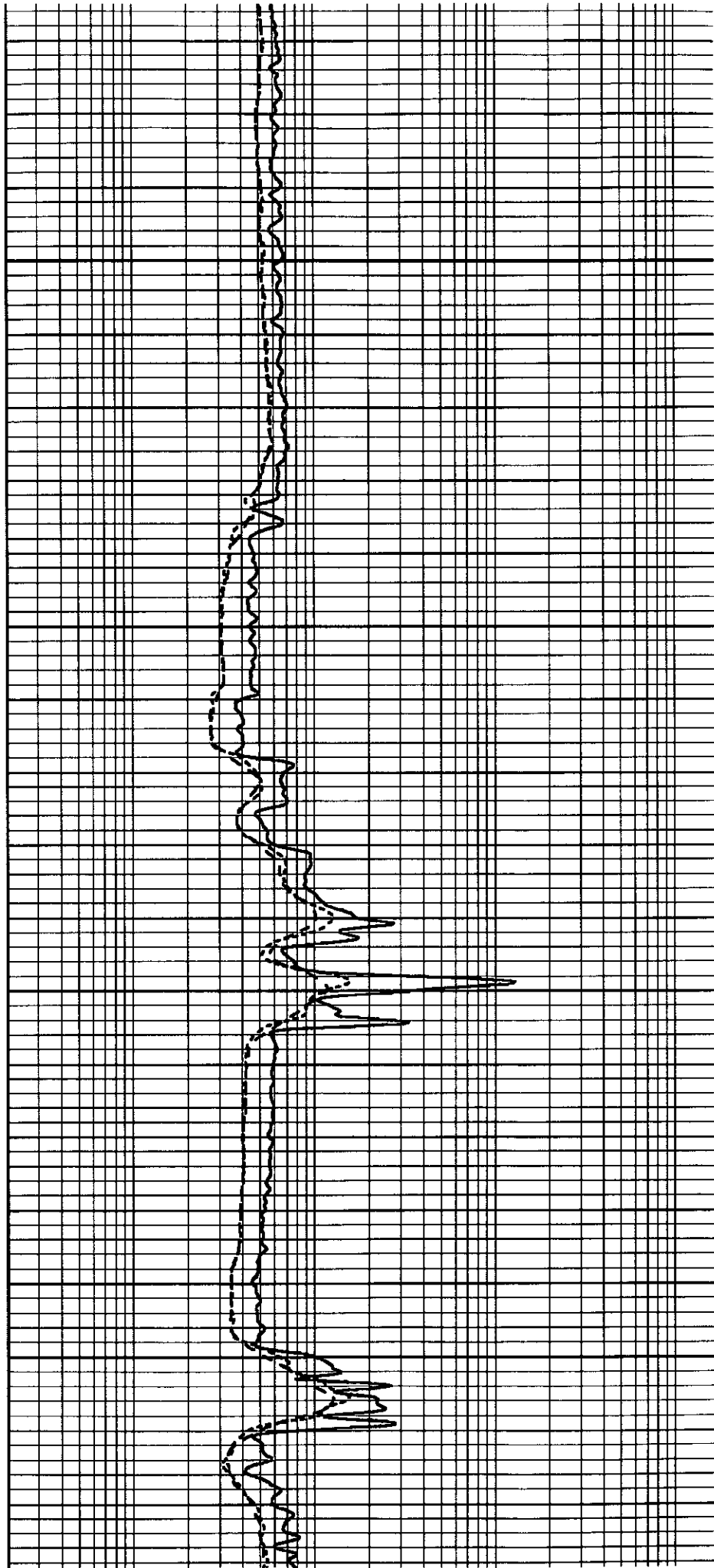


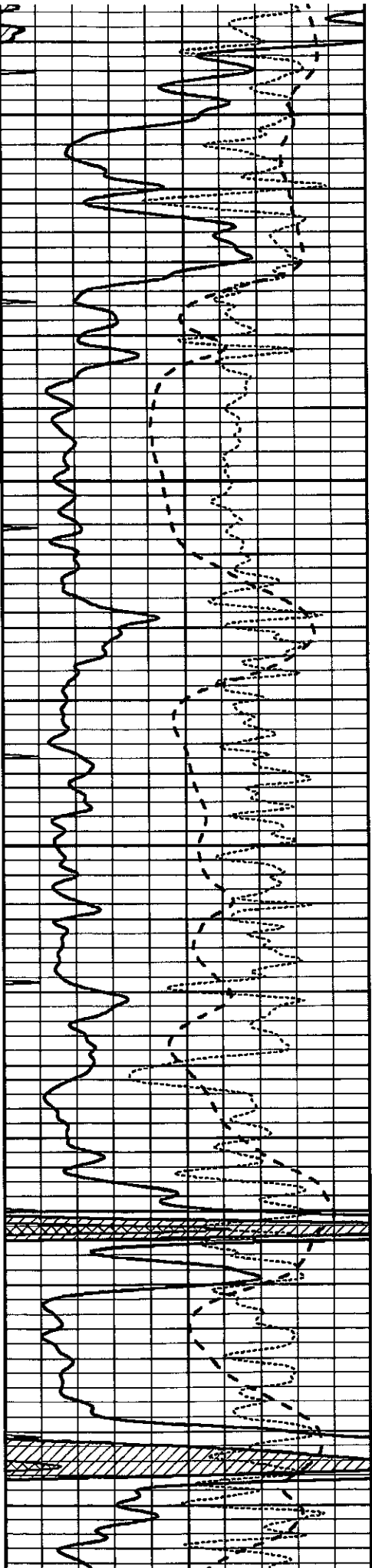
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4200

4250

4300



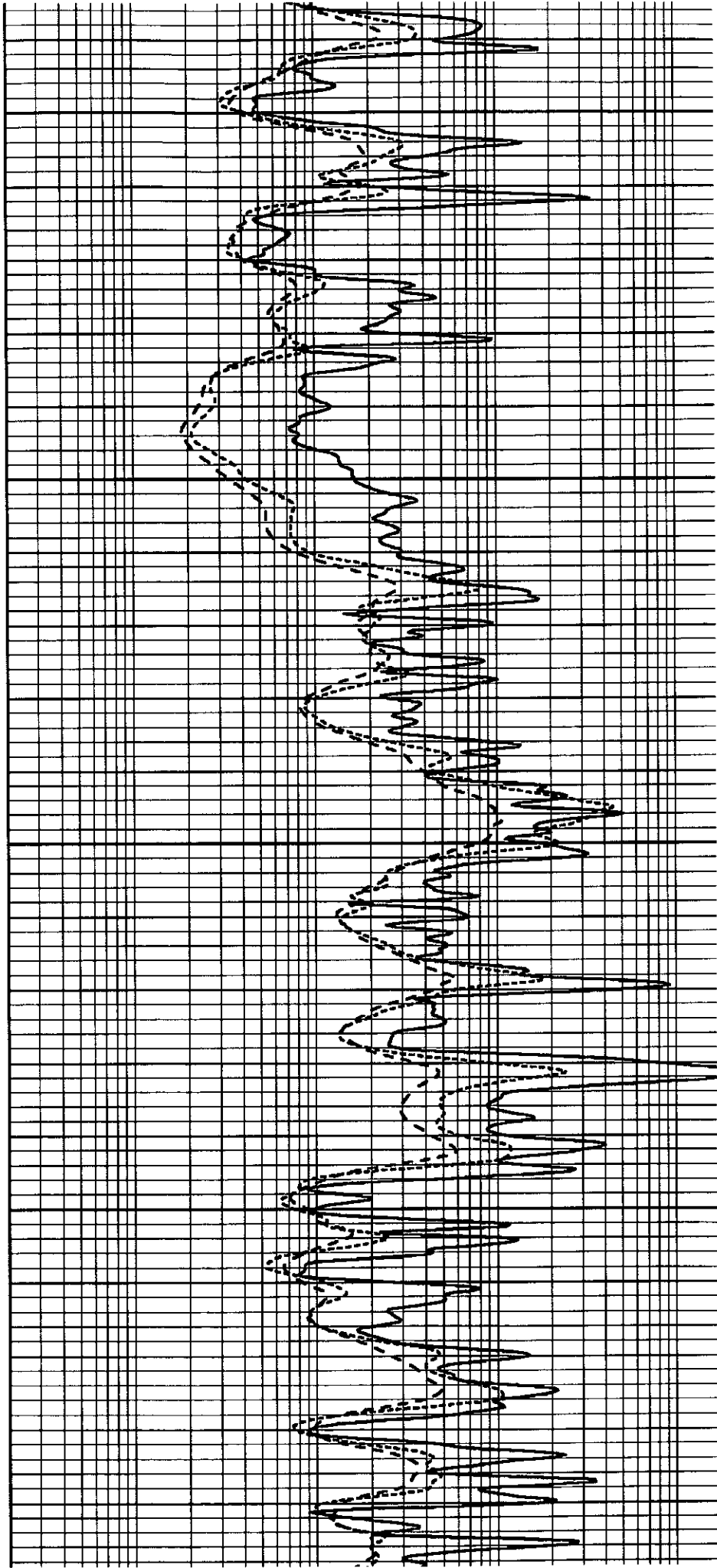


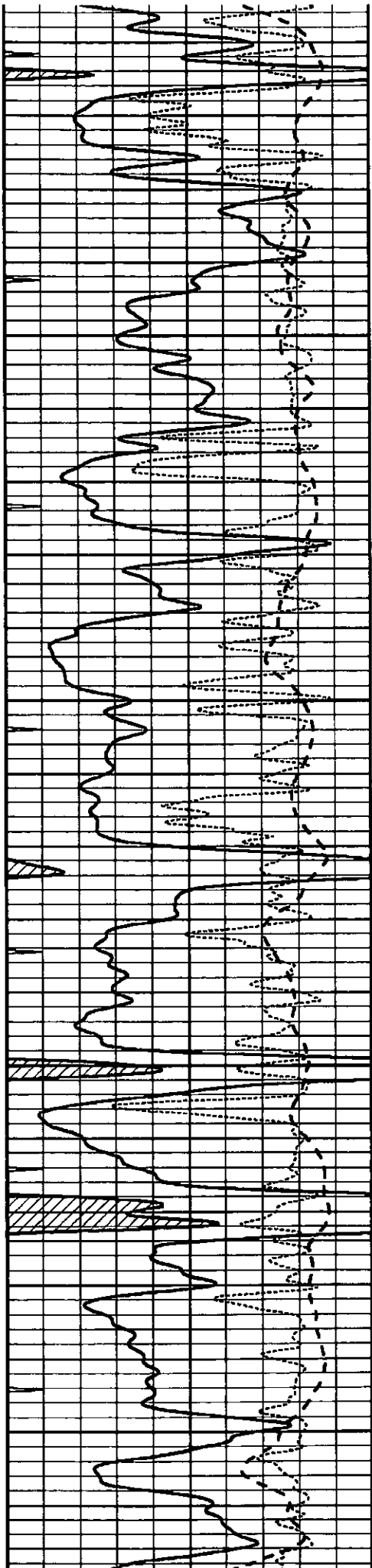
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4500



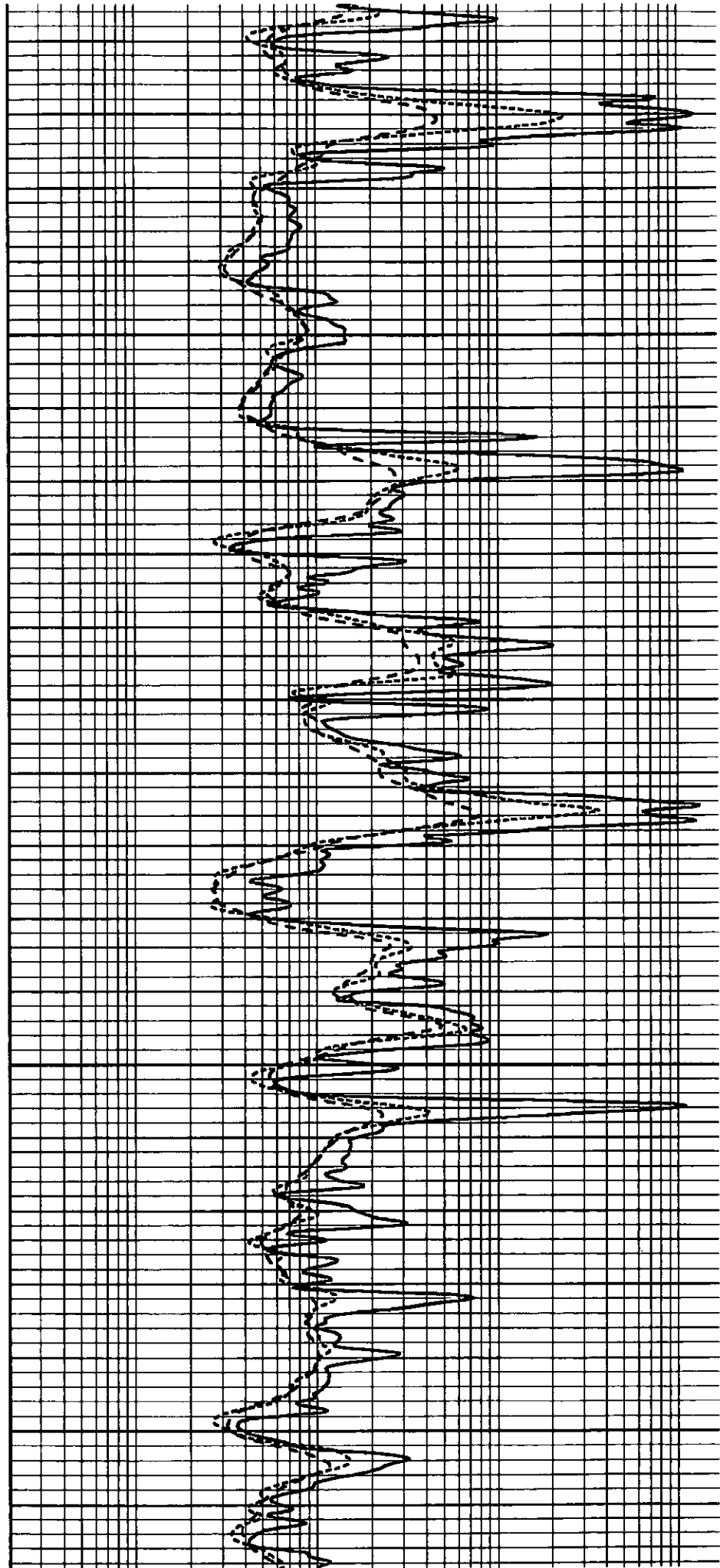


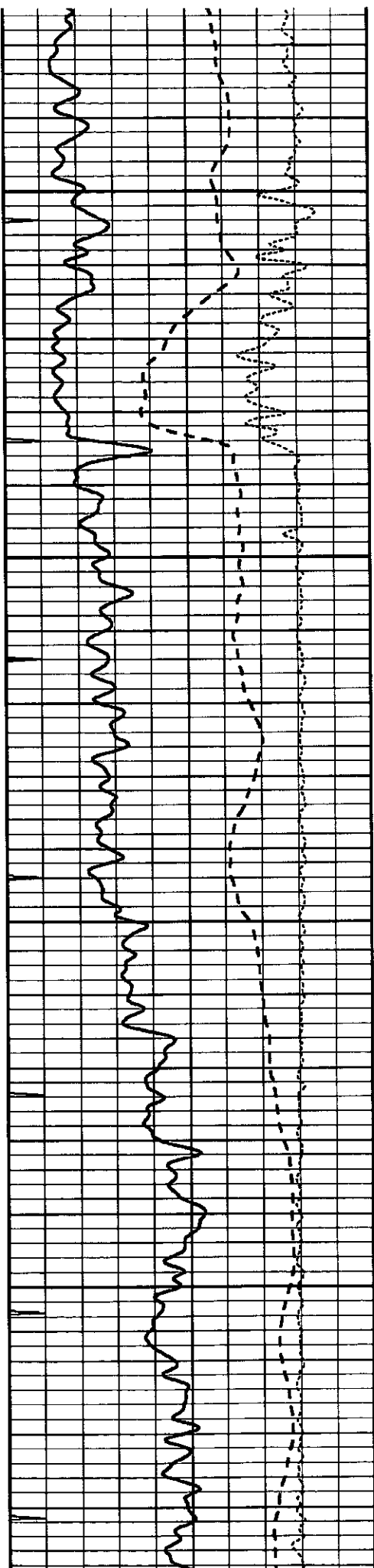
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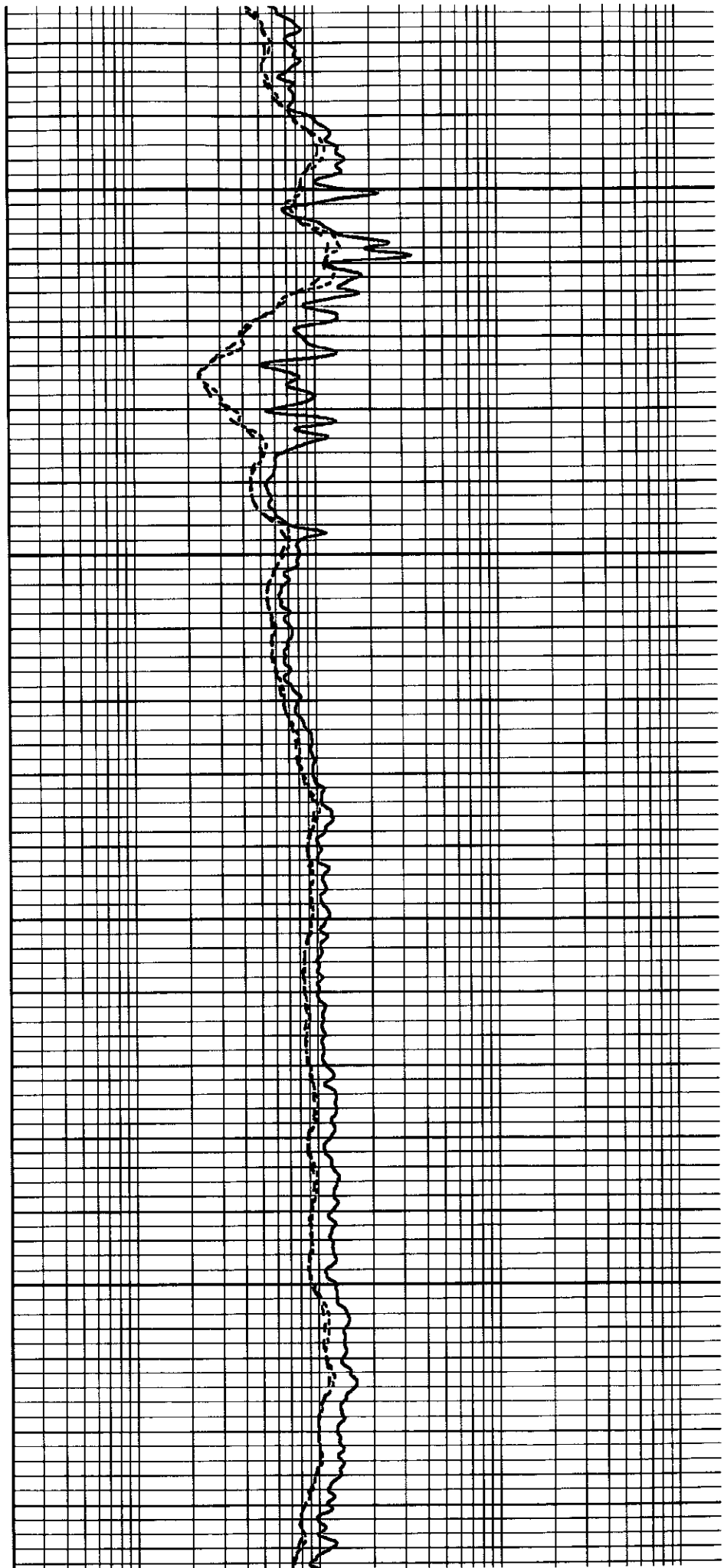


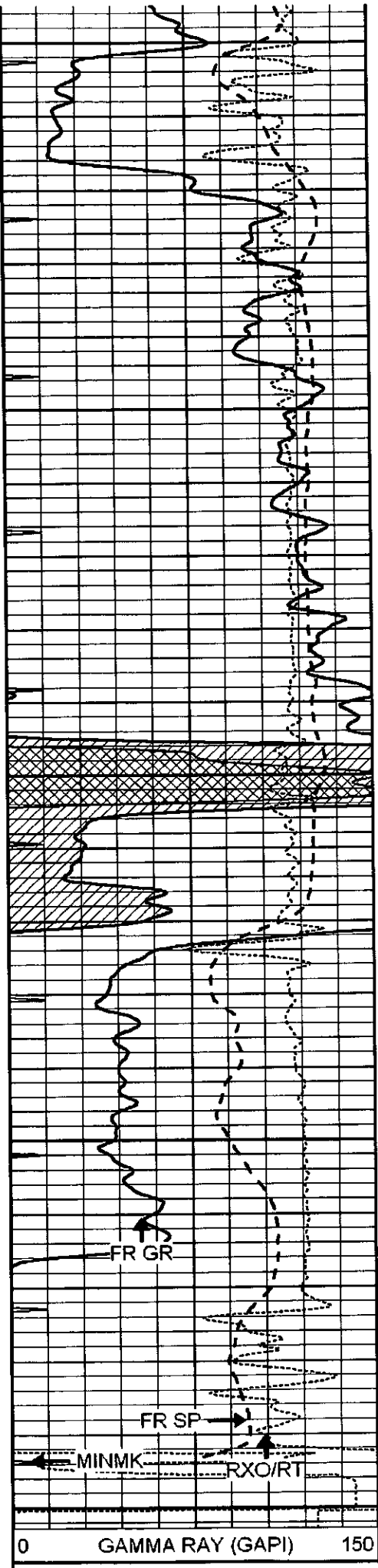
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4850

4900

4950





5000

5050

5100

5150

FR GR

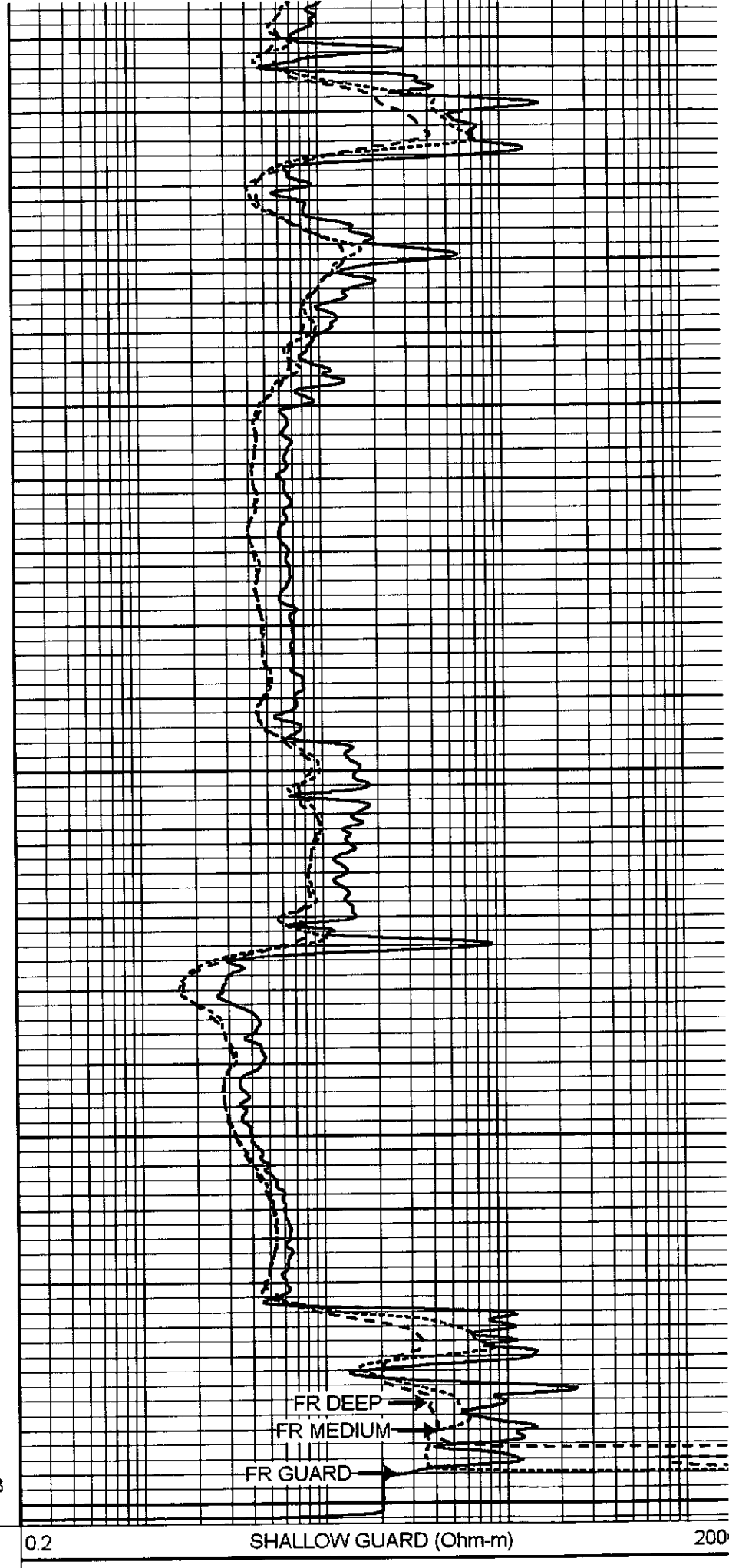
FR SP

MINMK

RXO/RT

LTD 5198
5200

0 GAMMA RAY (GAPI) 150



FR DEEP

FR MEDIUM

FR GUARD

0.2 SHALLOW GUARD (Ohm-m) 200

0	MINMK	10
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0.2 MEDIUM INDUCTION (Ohm-m) 200



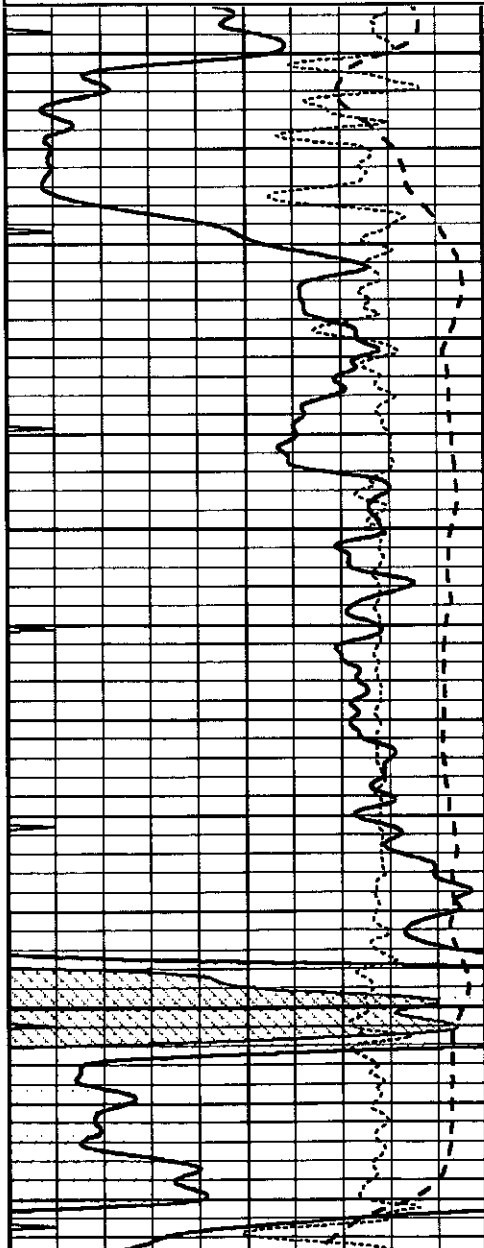
SUPERIOR
Hays,
Kansas

REPEAT SECTION

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 Charted by: Depth in Feet scaled 1:240

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-100	SP (mV)	100
-250	Rxo/Rt	50
0	MINMK	10

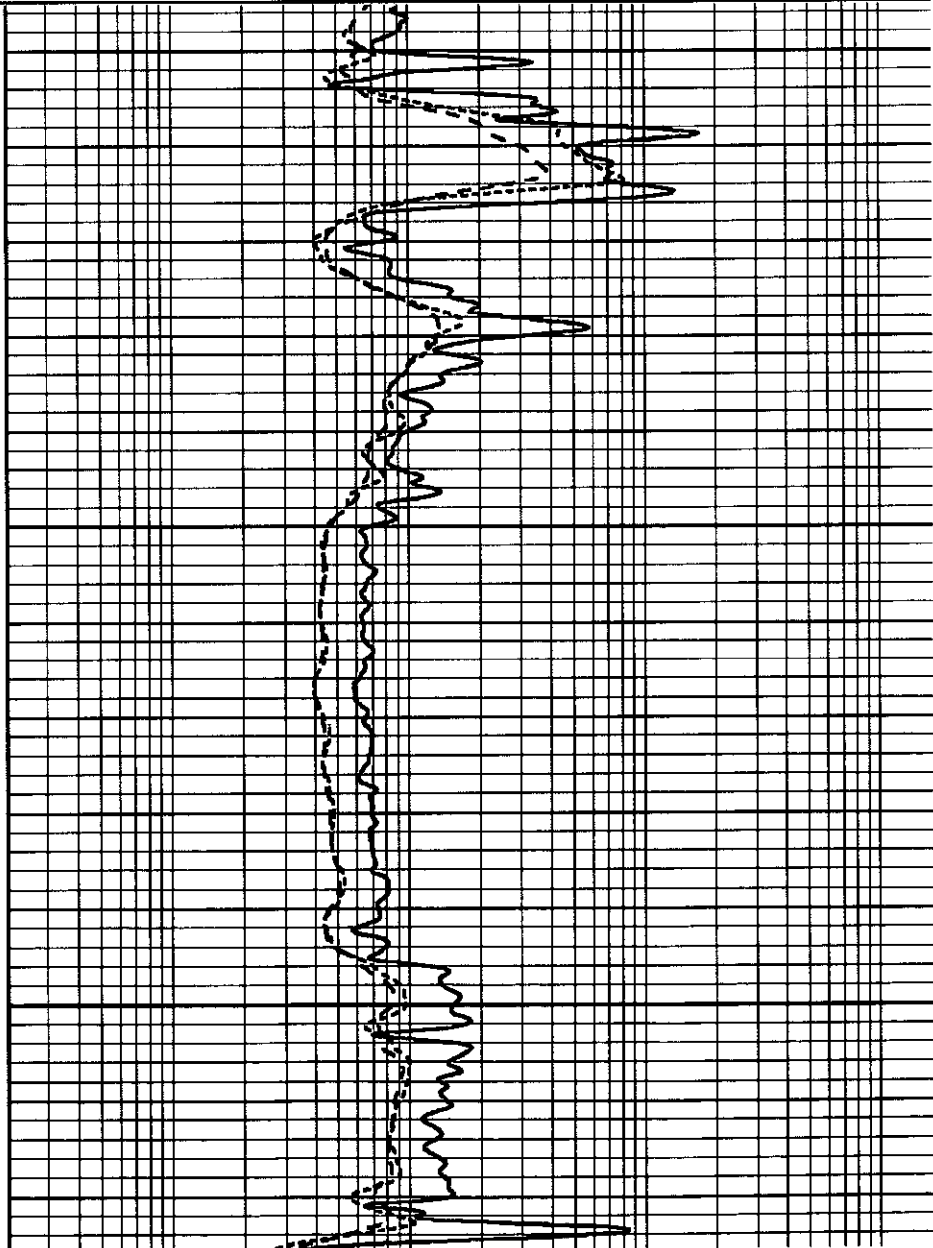
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0.2	DEEP INDUCTION (Ohm-m)	200
0.2	MEDIUM INDUCTION (Ohm-m)	200

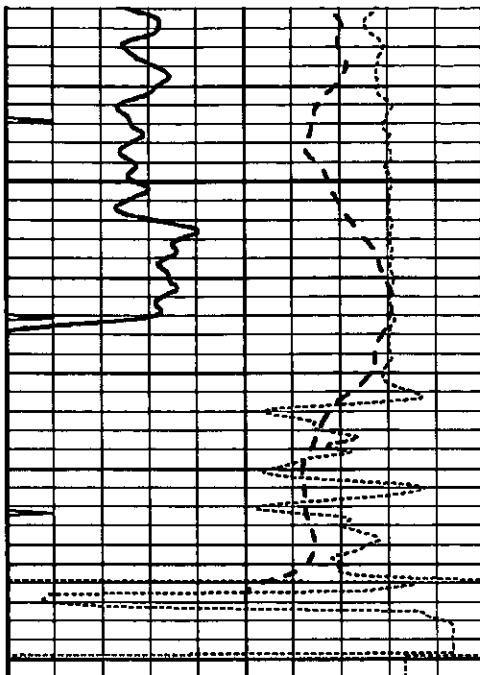


5000

5050

5100

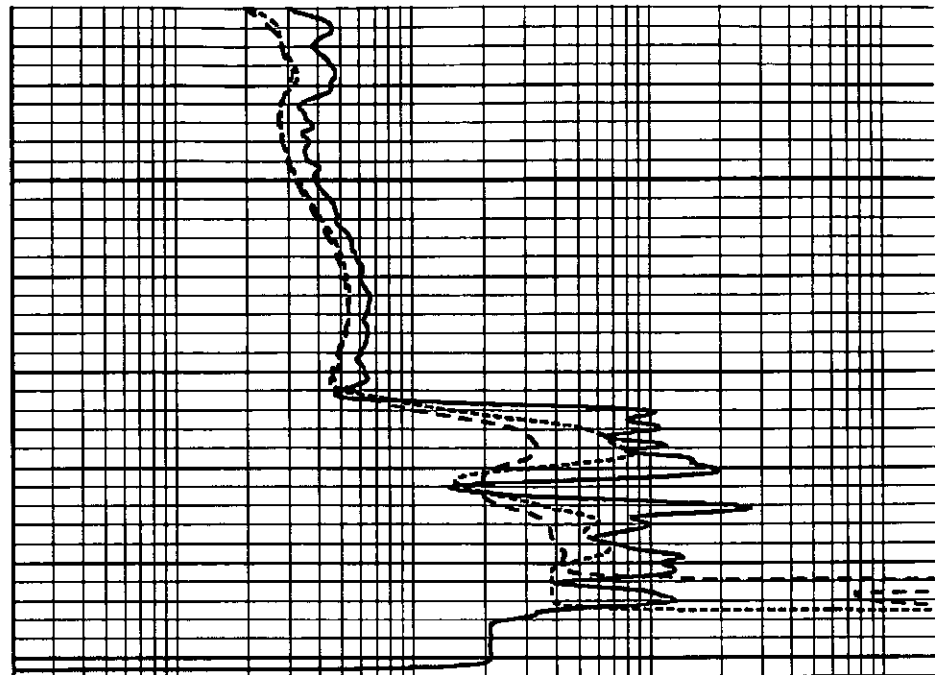




5150

5200

0	GAMMA RAY (GAPI)	150
-100	SP (mV)	100
-250	Rxo/Rt	50
0	MINMK	10



0.2	SHALLOW GUARD (Ohm-m)	200
0.2	DEEP INDUCTION (Ohm-m)	200
0.2	MEDIUM INDUCTION (Ohm-m)	200

Calibration Report

Database File: 005586pe.db
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 Dataset Creation: Wed Aug 18 20:19:33 2010 by Calc Open-Cased 090629

Dual Induction Calibration Report

Serial-Model: DIL6-GEAR
 Performed: Wed Aug 18 15:46:00 2010

Loop:	Readings				References			Results	
	Air	Loop			Air	Loop		m	b
Deep	0.001	0.644	V	0.000	400.000	mmho/m	660.000	-7.000	
Medium	0.020	0.738	V	0.000	462.500	mmho/m	740.000	-26.000	
Internal:	Zero	Cal		Zero	Cal		m	b	
Deep	0.000	1.000	V	0.000	1.000	mmho/m	1.000	0.000	
Medium	0.000	1.000	V	0.000	1.000	mmho/m	1.000	0.000	

Litho Density Calibration Report
 Serial: 004N Model: PRB
 Performed Tue Sep 08 13:49:55 2009

Litho Density Calibration

	Background	Magnesium	Aluminum	Sandstone	
Window 1	1535.8	11161.3	3721.6	12498.8	cps
Window 2	1402.6	9435.7	3219.7	10417.7	cps
Window 3	1077.6	4422.0	1779.2	4753.4	cps
Window 4	337.3	342.8	337.4	343.7	cps
Long Space	0.0	8033.1	1817.0	9015.1	cps

Pe 2.5700 1.5500

Rib Angle : 45.5 Rib Slope : 1.017 Density/Spine Ratio : 0.573
Spine Angle : 75.5 Spine Slope : 3.865 Spine Intercept : -19.7

Caliper
Readings Reference
Low Ref 1.2 6.7
High Ref 3.2 14.0
Gain: 3.7 Offset: 2.2

Compensated Neutron Calibration Report

Serial Number: NEU_4I
Tool Model: G

CALIBRATION

Detector	Readings	Target	Normalization
Short Space	996.00 cps	1000.00 cps	1.0000
Long Space	977.00 cps	1000.00 cps	1.0000

Gamma Ray Calibration Report

Serial Number: GR4
Tool Model: OPEN
Performed: Wed Aug 18 18:32:57 2010
Calibrator Value: 200.0 GAPI
Background Reading: 0.0 cps
Calibrator Reading: 189.0 cps
Sensitivity: 1.3500 GAPI/cps



SUPERIOR
HAYS,
KANSAS

COMPENSATED
DENSITY / NEUTRON
PE LOG

Company LOTUS OPERATING CO. LLC.
Well CR WETZ #6
Field STRANATHAN
County BARBER
State KANSAS

Company LOTUS OPERATING COMPANY, LLC.
Well CR WETZ #6
Field STRANATHAN
County BARBER State KANSAS

Location: API #: 15-007-23582-0000
850 FSL & 1815' FEL

Permanent Datum GROUND LEVEL Elevation 1417
Log Measured From KELLY BUSHING 9' A.G.L.
Drilling Measured From KELLY BUSHING

Other Services
DIL/MEL
SONIC

Elevation
K.B. 1426
D.F. 1424
G.L. 1417

Site	8/18/10		
Run Number	ONE		
Depth Driller	5199		
Depth Logger	5198		
Bottom Logged Interval	5174		
Top Log Interval	3700		
Logging Driller	10 3/4" @ 280'		
Logging Logger	280		
Log Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 5,000 PPM	
Conductivity / Viscosity	9.4/58		
API / Fluid Loss	10.0/9.6		
Volume of Sample	FLOWLINE		
Time @ Meas. Temp	.620 @ 100F		
Time @ Meas. Temp	.465 @ 100F		
Time @ Meas. Temp	.744 @ 100F		
Volume of Rmfl / Rmc	MEASUREMENT		
Time @ BHT	.488 @ 127F		
Time Circulation Stopped	3 HOURS		
Time Logger on Bottom	6:45 P.M.		
Maximum Recorded Temperature	127F		
Equipment Number	0836		
Location	HAYS, KANSAS		
Recorded By	JEFF LUEBBERS		
Checked By	TIM HELLMAN		

<<< Fold Here >>>

All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of an 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

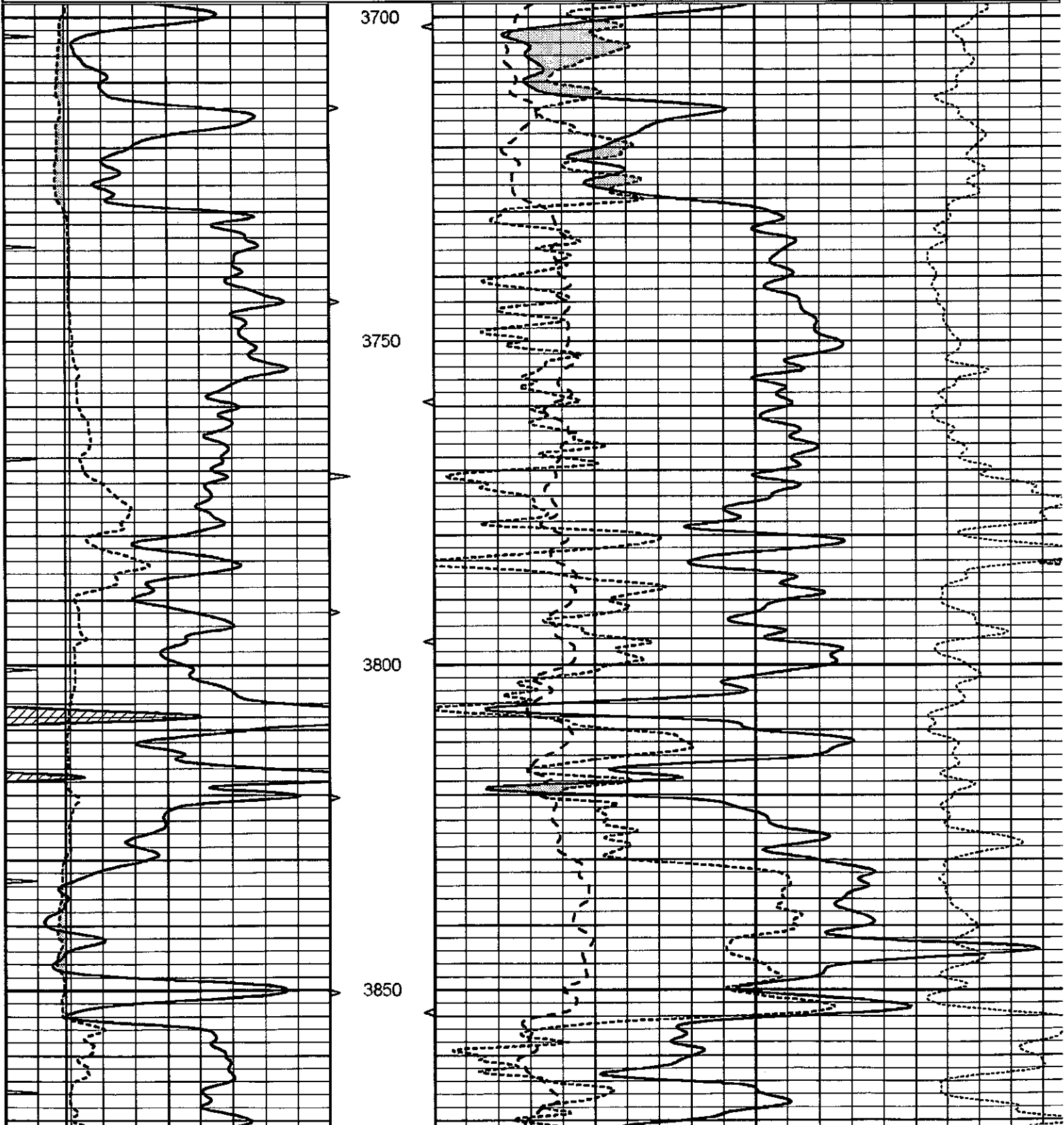
THANK YOU FOR USING SUPERIOR WELL SERVICE HAYS, KANSAS (785) 628-6395
 DIRECTIONS
 MEDICINE LODGE, KS. (HWY 160 & 281 JUNCTION) 17S. ON HWY 281 TO (MM#7) "DRIFTWOOD RD.",
 1/4W., N. INTO @TANK BATTERY

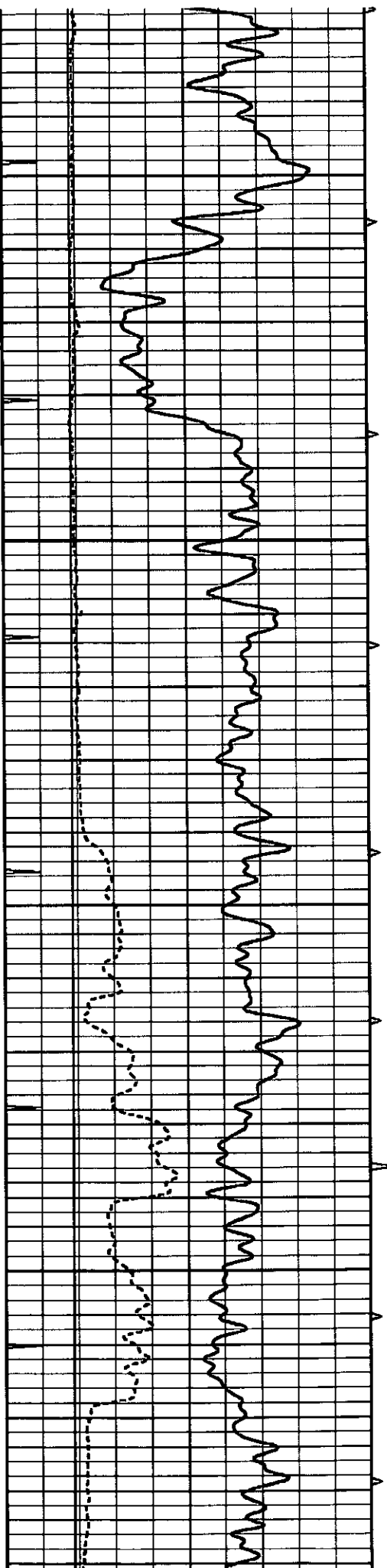


MAIN SECTION

Database File: 005586pe.db
 Dataset Pathname: pass3.2
 Presentation Format: ldt_neu
 Dataset Creation: Wed Aug 18 19:49:25 2010 by Calc Open-Cased 090629
 Charted by: Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	ABHV	30	COMPENSATED DENSITY (pu)		-1'
6	CALIPER (in)	16	10 (ft3)	0 30	COMPENSATED NEUTRON (pu)		-1'
0	MINMK	10	TBHV	0	PE	10	-0.25 CORRECTION (g/cc) 0.2
			0 (ft3)	10			



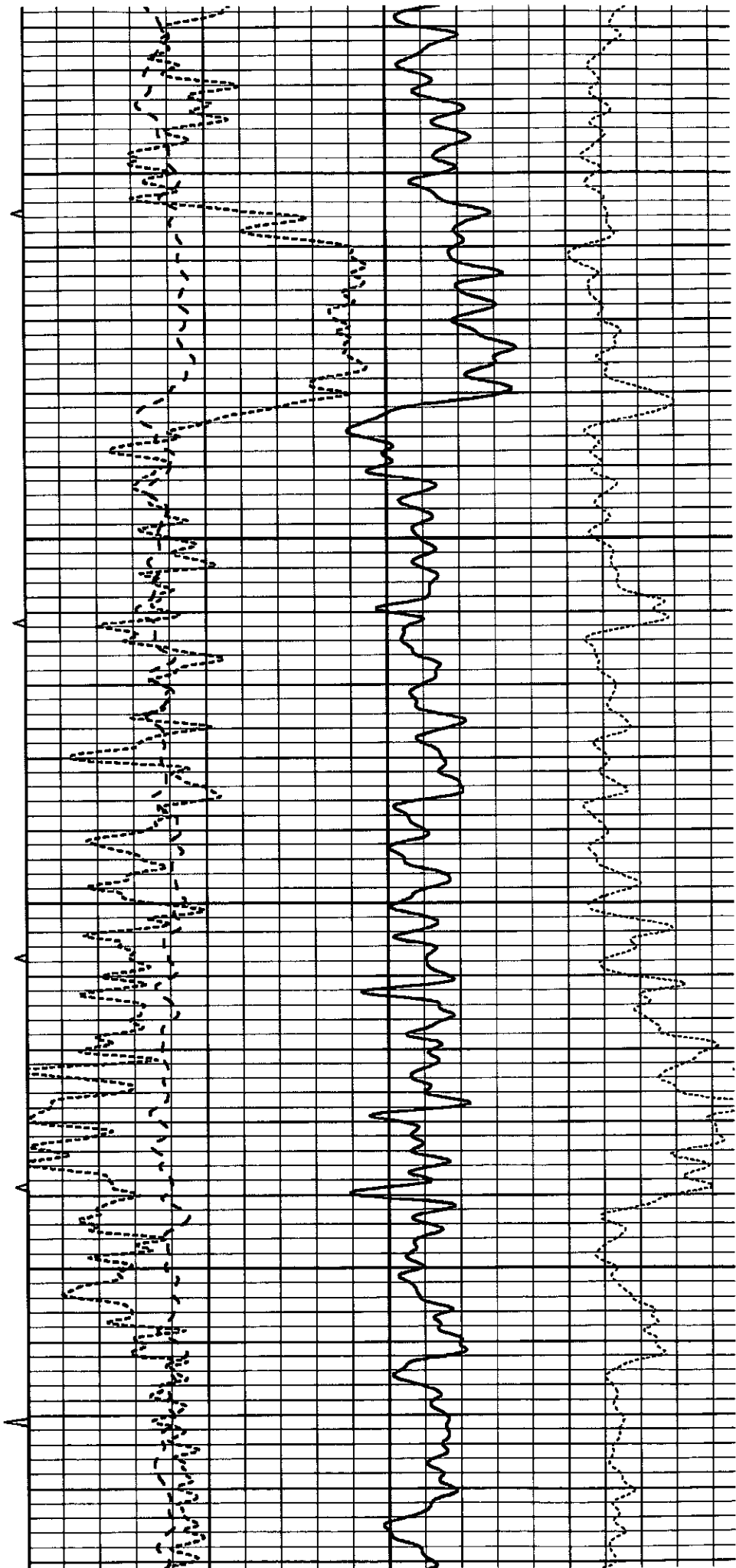


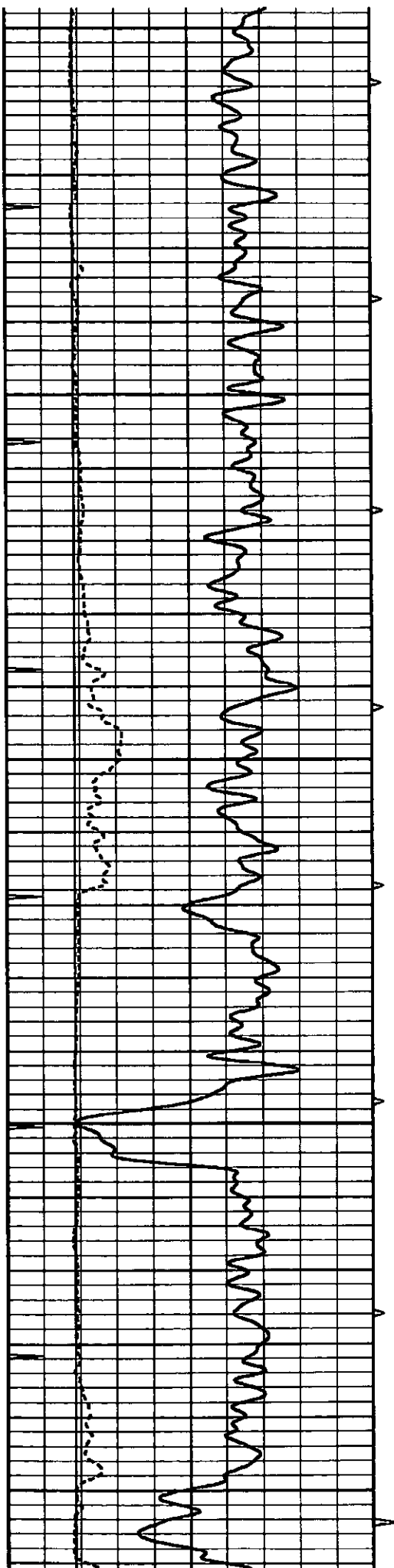
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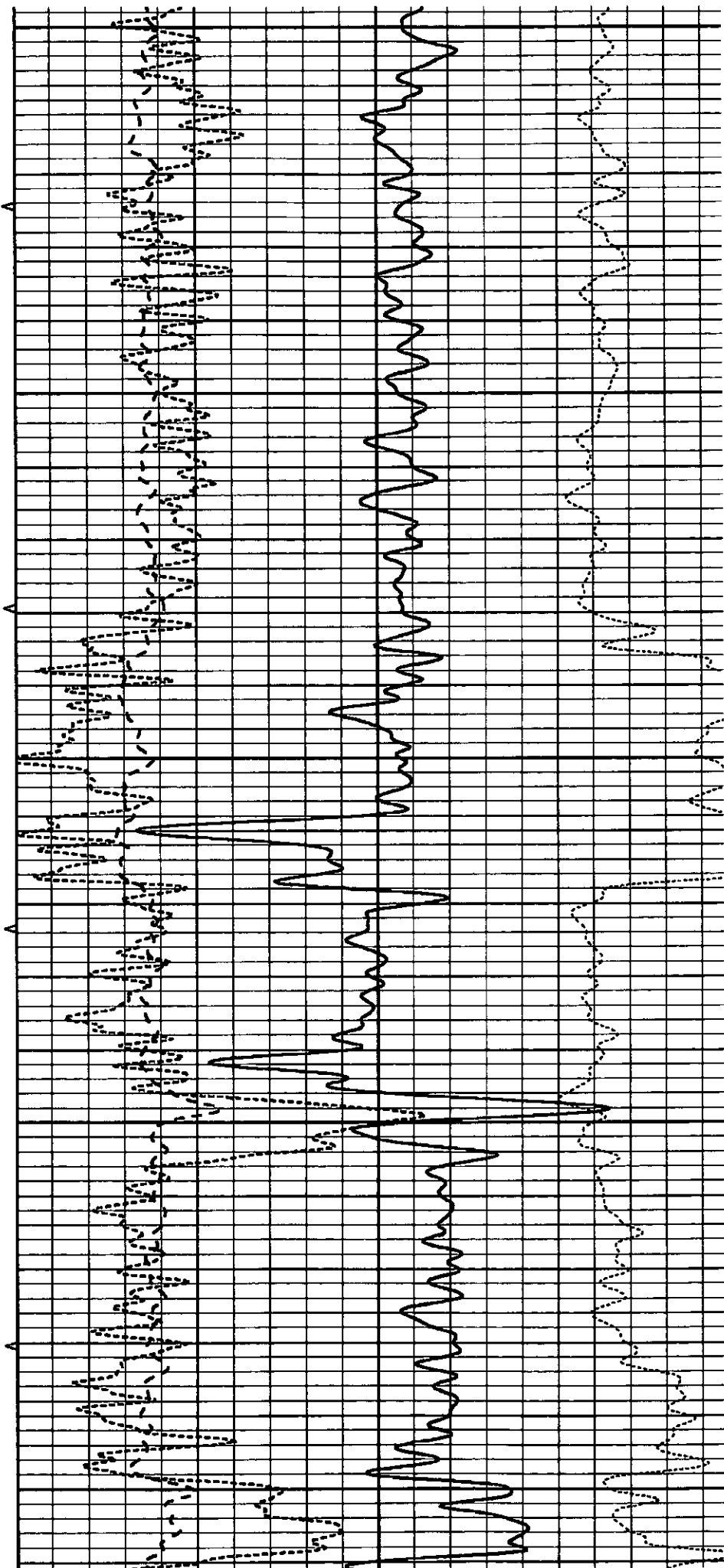
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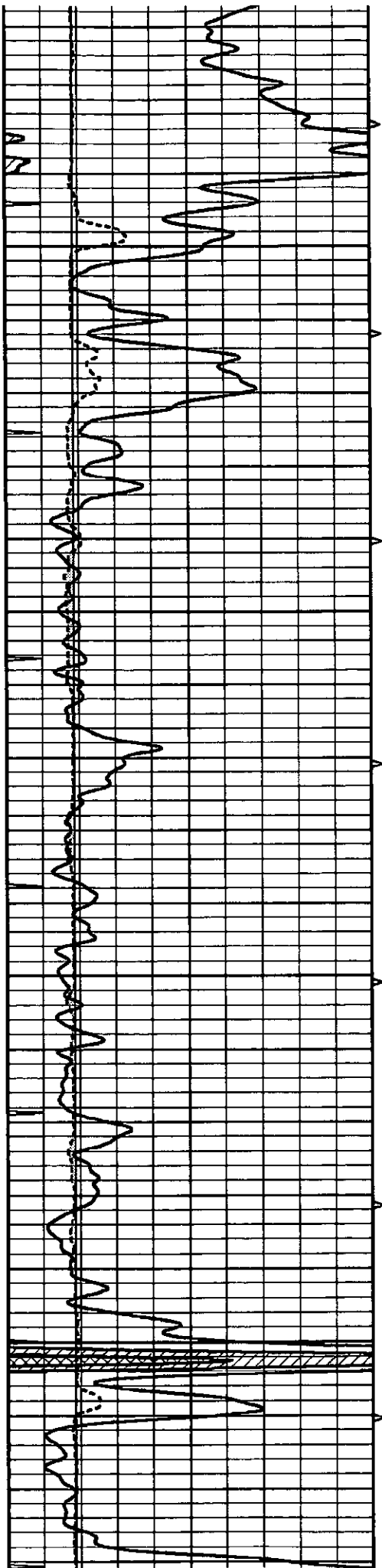
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4100
4150
4200
4250
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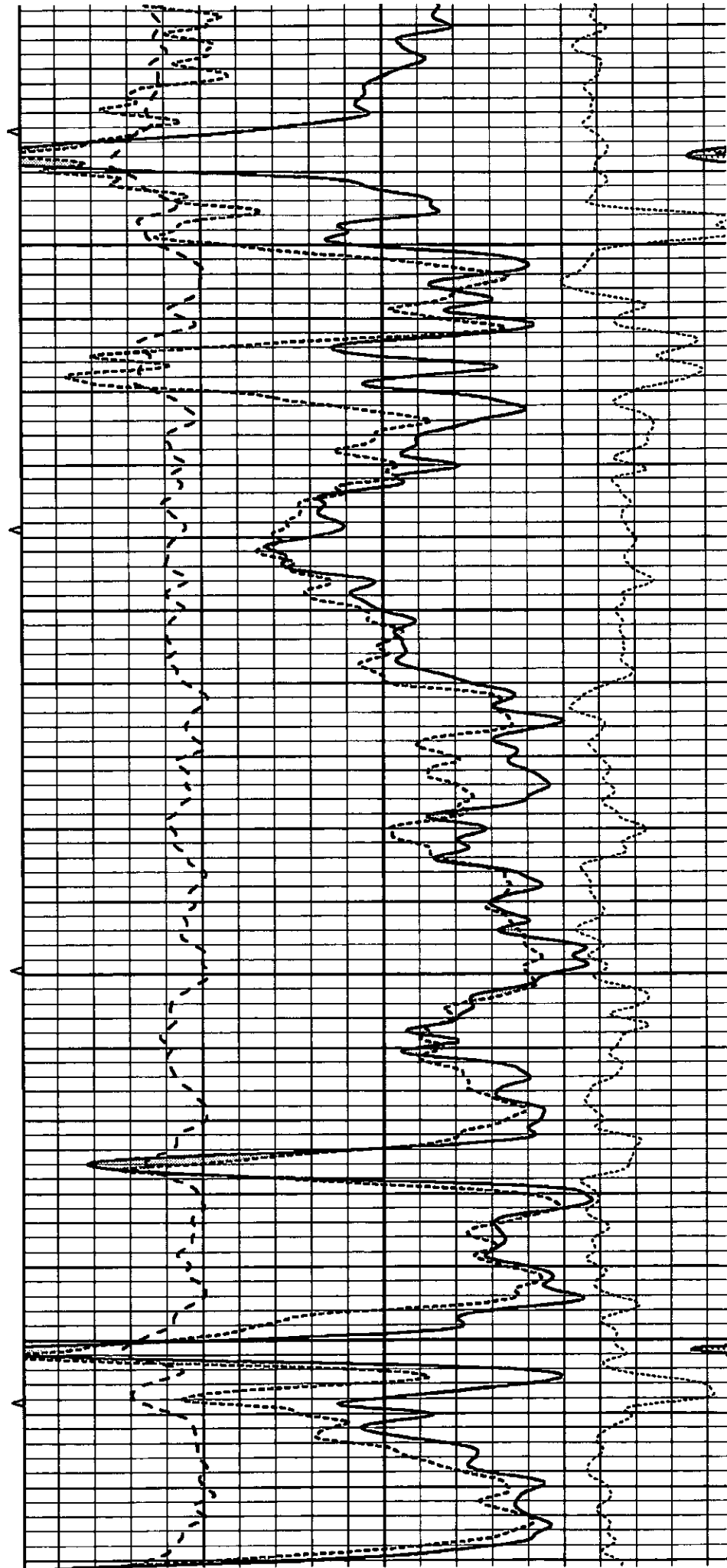


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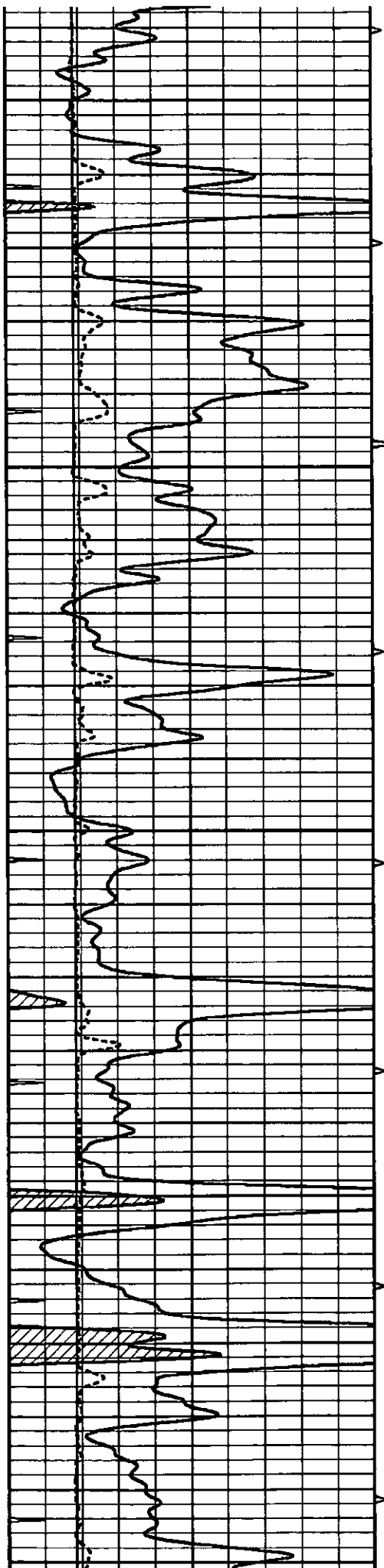


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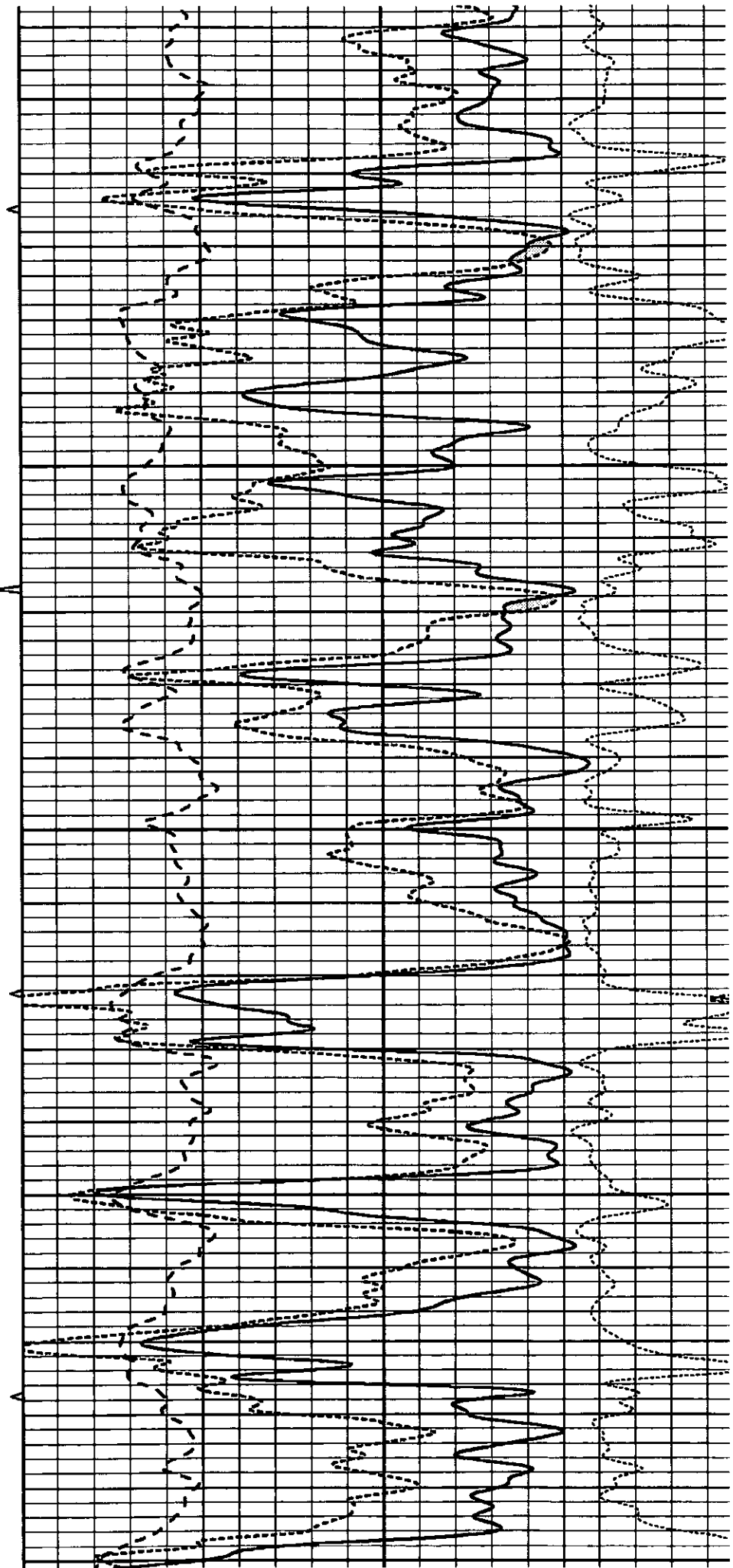
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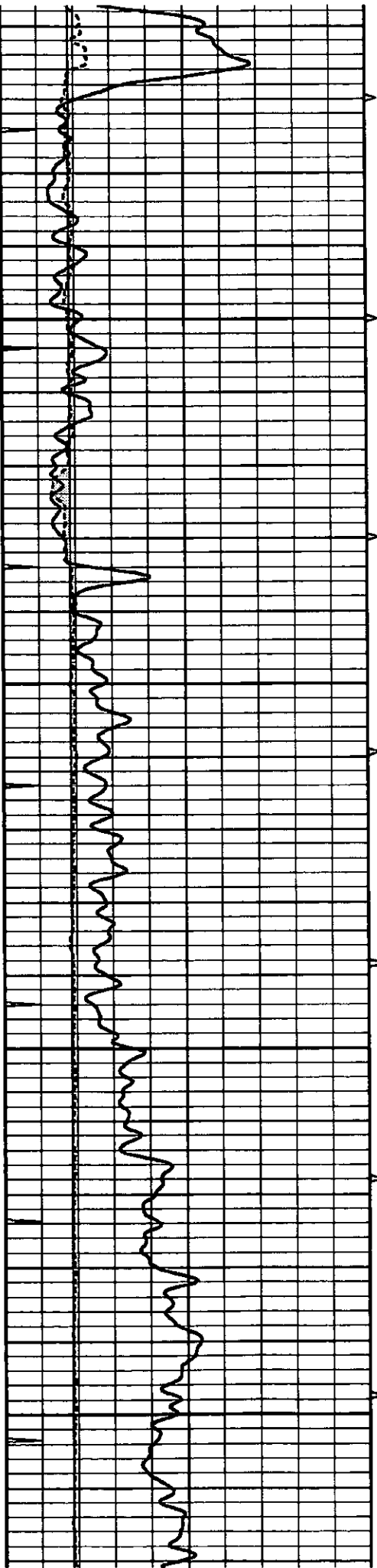
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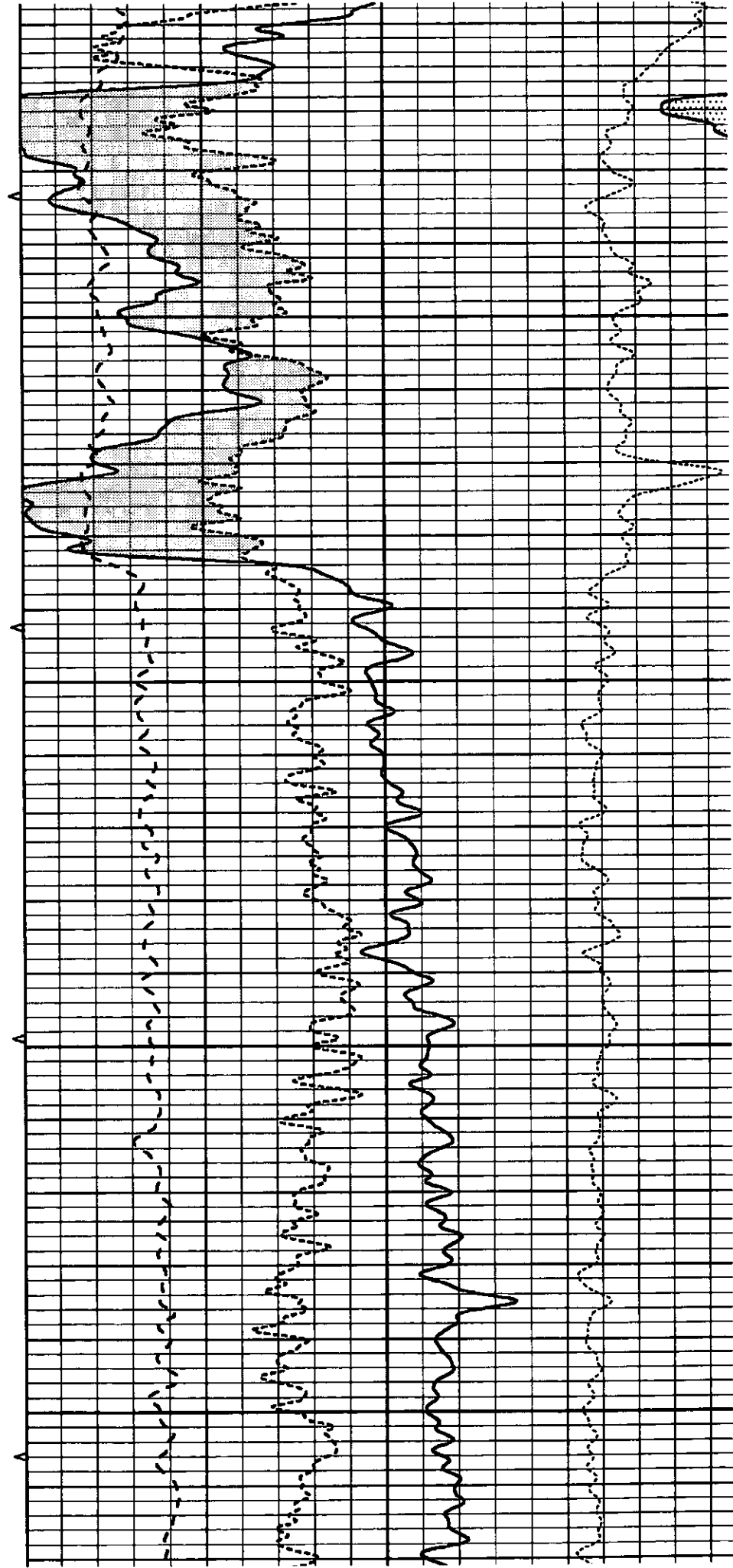


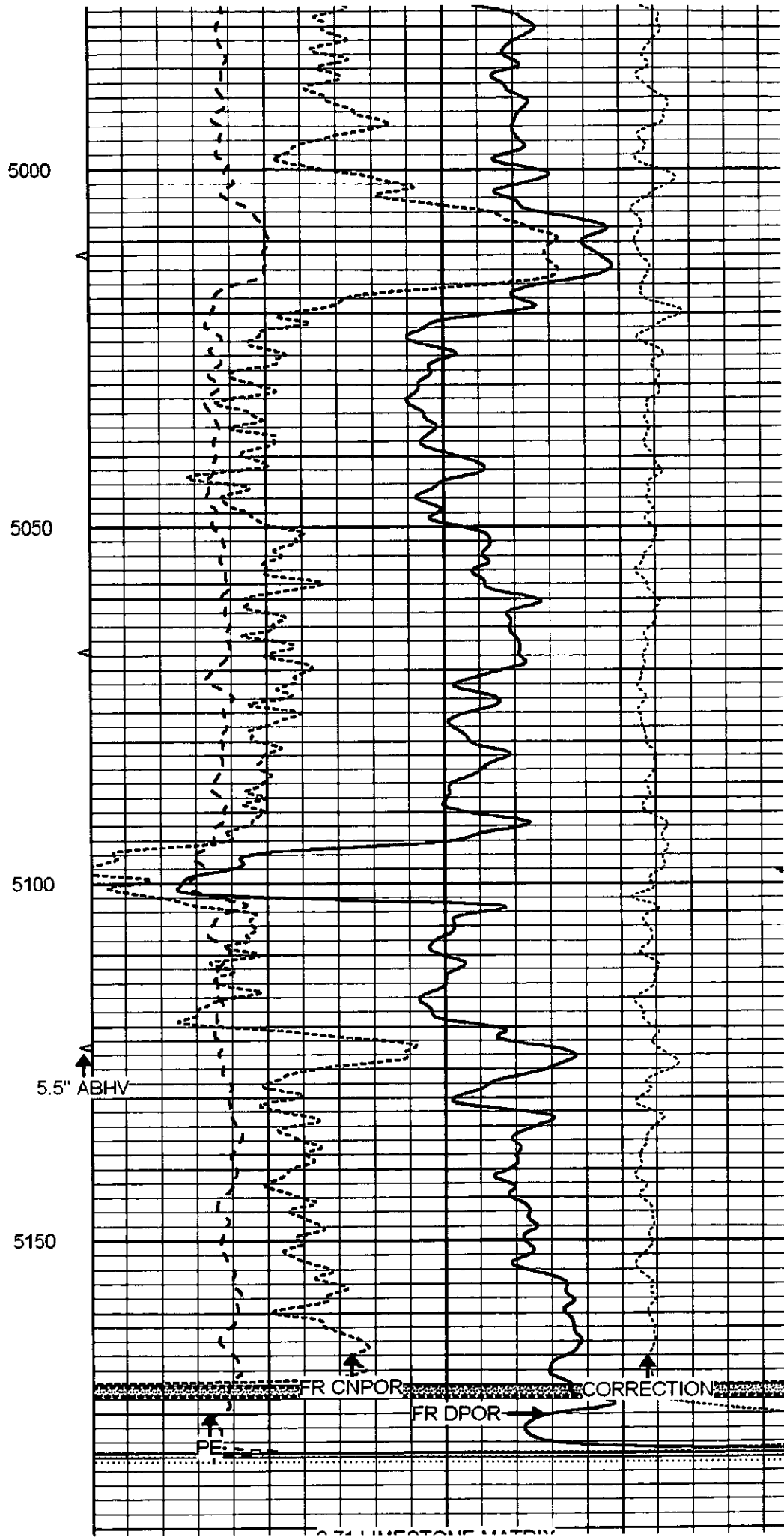
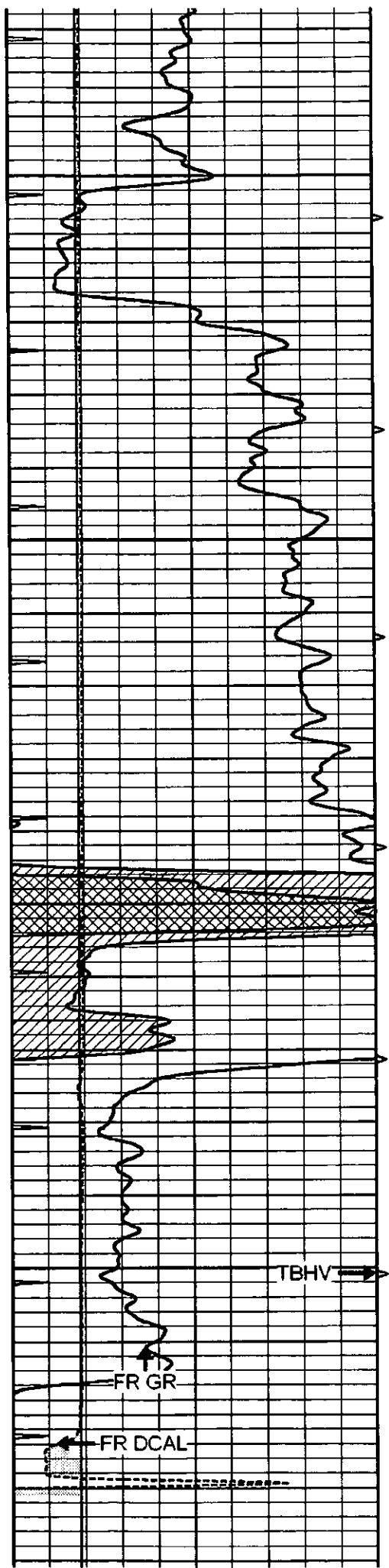
4800

4850

4900

4950





			LID 5190 5200				
0	GAMMA RAY (GAPI)	150	ABHV	30	COMPENSATED DENSITY (pu)		-1'
6	CALIPER (in)	16	10 (ft3)	0	30	COMPENSATED NEUTRON (pu)	
0	MINMK	10	TBHV	0	PE	10 -0.25	CORRECTION (g/cc) 0.2
			0 (ft3)	10			

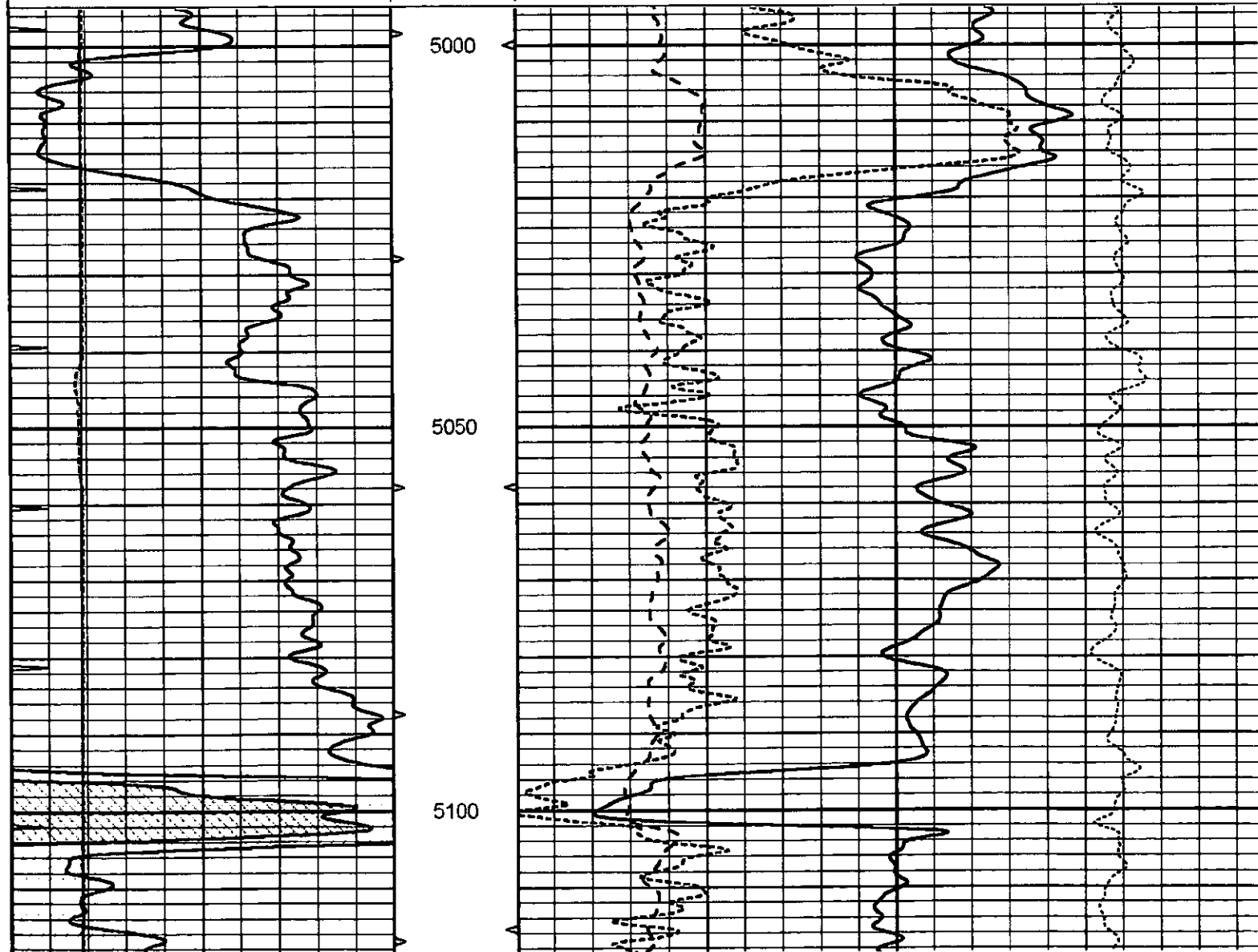


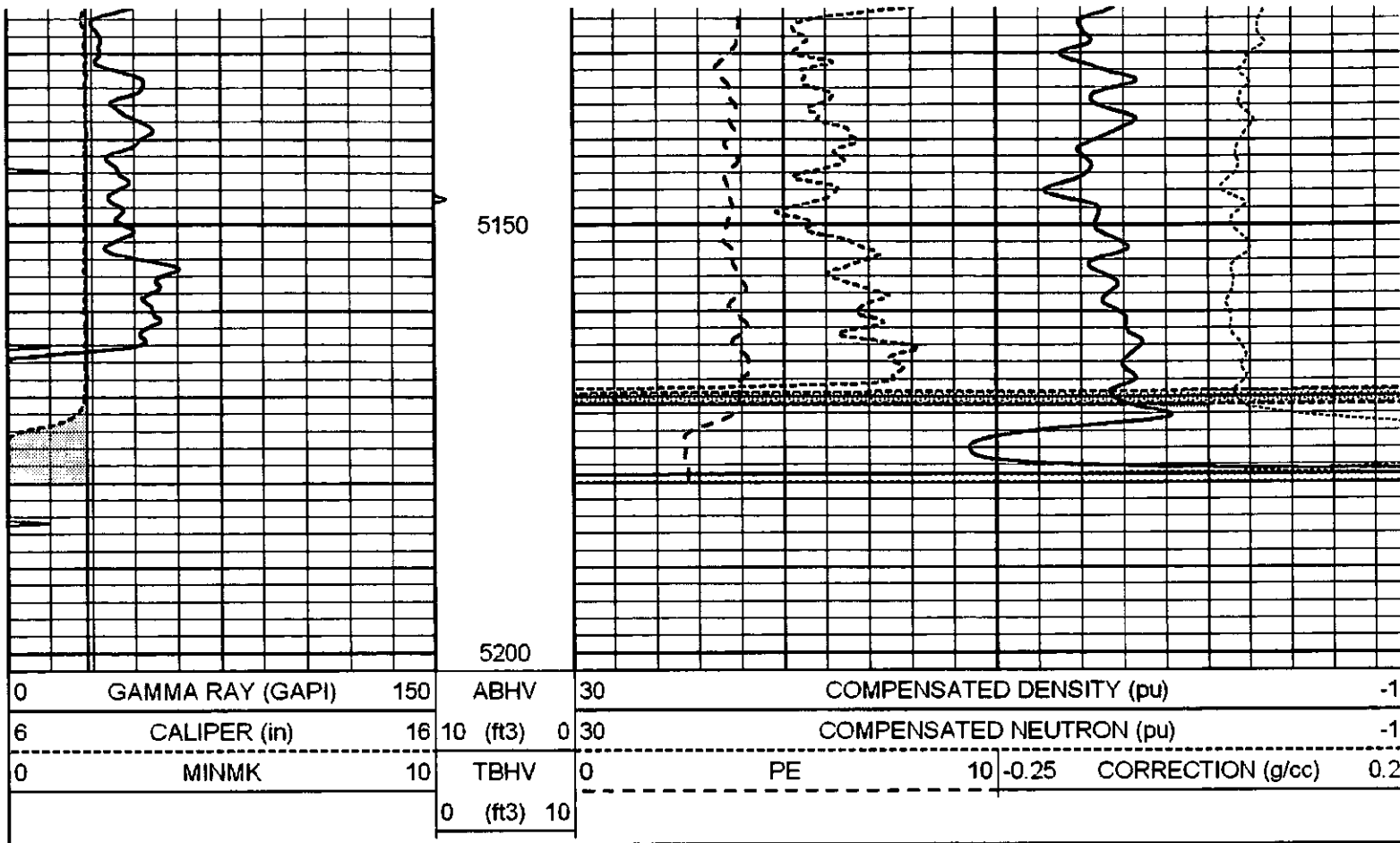
SUPERIOR
Hays,
Kansas

REPEAT SECTION

Database File: 005586pe.db
 Dataset Pathname: pass2.4
 Presentation Format: ldt_neu
 Dataset Creation: Wed Aug 18 19:46:35 2010 by Calc Open-Cased 090629
 Charted by: Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	ABHV	30	COMPENSATED DENSITY (pu)		-1'
6	CALIPER (in)	16	10 (ft3)	0	30	COMPENSATED NEUTRON (pu)	
0	MINMK	10	TBHV	0	PE	10 -0.25	CORRECTION (g/cc) 0.2
			0 (ft3)	10			





Calibration Report

Database File: 005586pe.db
 Dataset Pathname: pass3.2
 Dataset Creation: Wed Aug 18 19:49:25 2010 by Calc Open-Cased 090629

Dual Induction Calibration Report

Serial-Model: DIL6-GEAR
 Performed: Wed Aug 18 15:46:00 2010

Loop:	Readings				References			Results	
	Air	Loop			Air	Loop		m	b
Deep	0.001	0.644	V	0.000	400.000	mmho/m	660.000	-6.000	
Medium	0.020	0.738	V	0.000	462.500	mmho/m	740.000	-26.000	
Internal:	Zero	Cal		Zero	Cal		m	b	
Deep	0.000	1.000	V	0.000	1.000	mmho/m	1.000	0.000	
Medium	0.000	1.000	V	0.000	1.000	mmho/m	1.000	0.000	

Litho Density Calibration Report
 Serial: 004N Model: PRB
 Performed Tue Sep 08 13:49:55 2009

Litho Density Calibration

	Background	Magnesium	Aluminum	Sandstone	
Window 1	1535.8	11161.3	3721.6	12498.8	cps
Window 2	1402.6	9435.7	3219.7	10417.7	cps
Window 3	1077.6	4422.0	1779.2	4753.4	cps
Window 4	337.3	342.8	337.4	343.7	cps

K110	1.7100	2.5900	1.3800	g/cc
Pe		2.5700	1.5500	

Rib Angle	: 45.5	Rib Slope	: 1.017	Density/Spine Ratio	: 0.573
Spine Angle	: 75.5	Spine Slope	: 3.865	Spine Intercept	: -19.7

Caliper	Readings	Reference	
Low Ref	1.2	6.7	
High Ref	3.2	14.0	
	Gain: 3.7		Offset: 2.2

Compensated Neutron Calibration Report

Serial Number:	NEU_4I
Tool Model:	G

CALIBRATION

Detector	Readings	Target	Normalization
Short Space	996.00 cps	1000.00 cps	1.0000
Long Space	977.00 cps	1000.00 cps	1.0000

Gamma Ray Calibration Report

Serial Number:	GR4
Tool Model:	OPEN
Performed:	Wed Aug 18 18:32:57 2010
Calibrator Value:	200.0 GAPI
Background Reading:	0.0 cps
Calibrator Reading:	189.0 cps
Sensitivity:	1.3500 GAPI/cps



SUPERIOR
HAYS,
KANSAS

MICRO
LOG

Company LOTUS OPERATING CO. LLC.
Well CR WETZ #6
Field STRANATHAN
County BARBER
State KANSAS

Company LOTUS OPERATING COMPANY, LLC.
Well CR WETZ #6
Field STRANATHAN
County BARBER State KANSAS

Location: API #: 15-007-23582-0000
850' FSL & 1815' FEL

SEC 36 TWP 34S RGE 12W

Permanent Datum GROUND LEVEL Elevation 1417
Log Measured From KELLY BUSHING 9' A.G.L.
Drilling Measured From KELLY BUSHING

Other Services
CDU/CNL/PE
DIL/SONIC

Elevation
K.B. 1426
D.F. 1424
G.L. 1417

Well Number	8/18/10		
Depth Driller	TWO		
Depth Logger	5199		
Bottom Logged Interval	5198		
Depth Log Interval	5175		
Logging Driller	3700		
Logging Logger	10 3/4' @280'		
Bit Size	280		
Fluid in Hole	7 7/8"		
Viscosity / Viscosity	CHEMICAL MUD	CHLORIDES 5,000 PPM	
Fluid Loss	9.4/58		
Volume of Sample	10.0/9.6		
Temperature @ Meas. Temp	FLOWLINE		
Temperature @ Meas. Temp	.620 @ 100F		
Temperature @ Meas. Temp	.465 @ 100F		
Temperature @ Meas. Temp	.744 @ 100F		
Temperature @ Meas. Temp	MEASUREMENT		
Temperature @ Meas. Temp	.489 @ 127F		
Temperature @ Meas. Temp	5.5 HOURS		
Temperature @ Meas. Temp	6:45 P.M.		
Temperature @ Meas. Temp	127F		
Temperature @ Meas. Temp	0836		
Temperature @ Meas. Temp	HAYS, KANSAS		
Temperature @ Meas. Temp	JEFF LUEBBERS		
Temperature @ Meas. Temp	TIM HELLMAN		

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Comments

THANK YOU FOR USING SUPERIOR WELL SERVICE HAYS, KANSAS (785) 628-6395
DIRECTIONS
MEDICINE LODGE, KS. (HWY 160 & 281 JUNCTION) 17S. ON HWY 281 TO (MM#7) "DRIFTWOOD RD.",
1/4W., N. INTO @TANK BATTERY

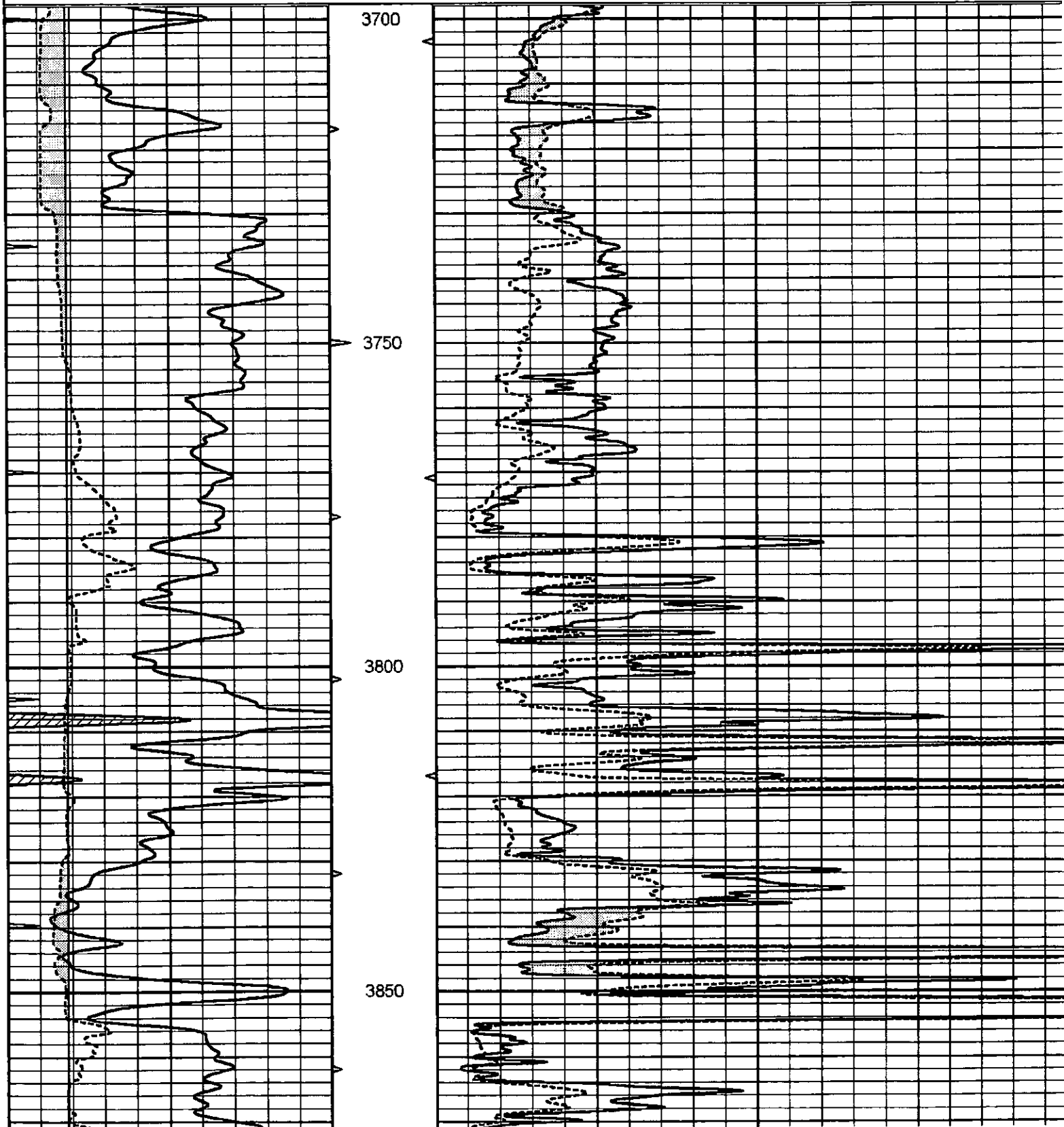


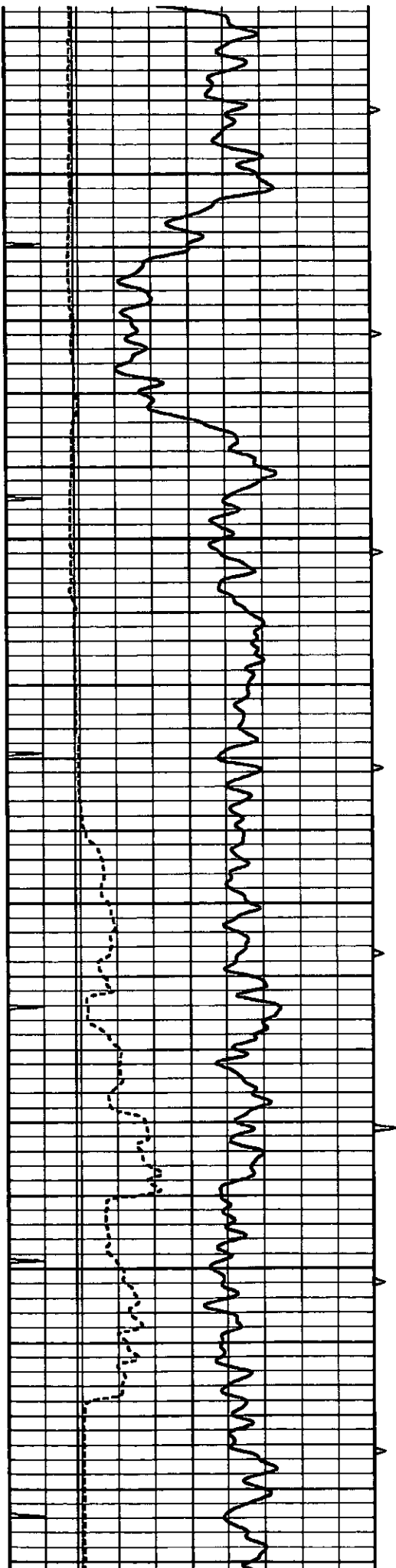
SUPERIOR
Hays,

MAIN SECTION

Database File: 005586pe.db
 Dataset Pathname: pass6.4
 Presentation Format: micro
 Dataset Creation: Wed Aug 18 22:18:50 2010 by Calc Open-Cased 090629
 Charted by: Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	ABHV	0	MEL1.5 (Ohm-m)	4
6	CALIPER (in)	16	10 (ft3)	0 0	MEL2.0 (Ohm-m)	4
0	MINMK	10	TBHV			
			0 (ft3)	10		



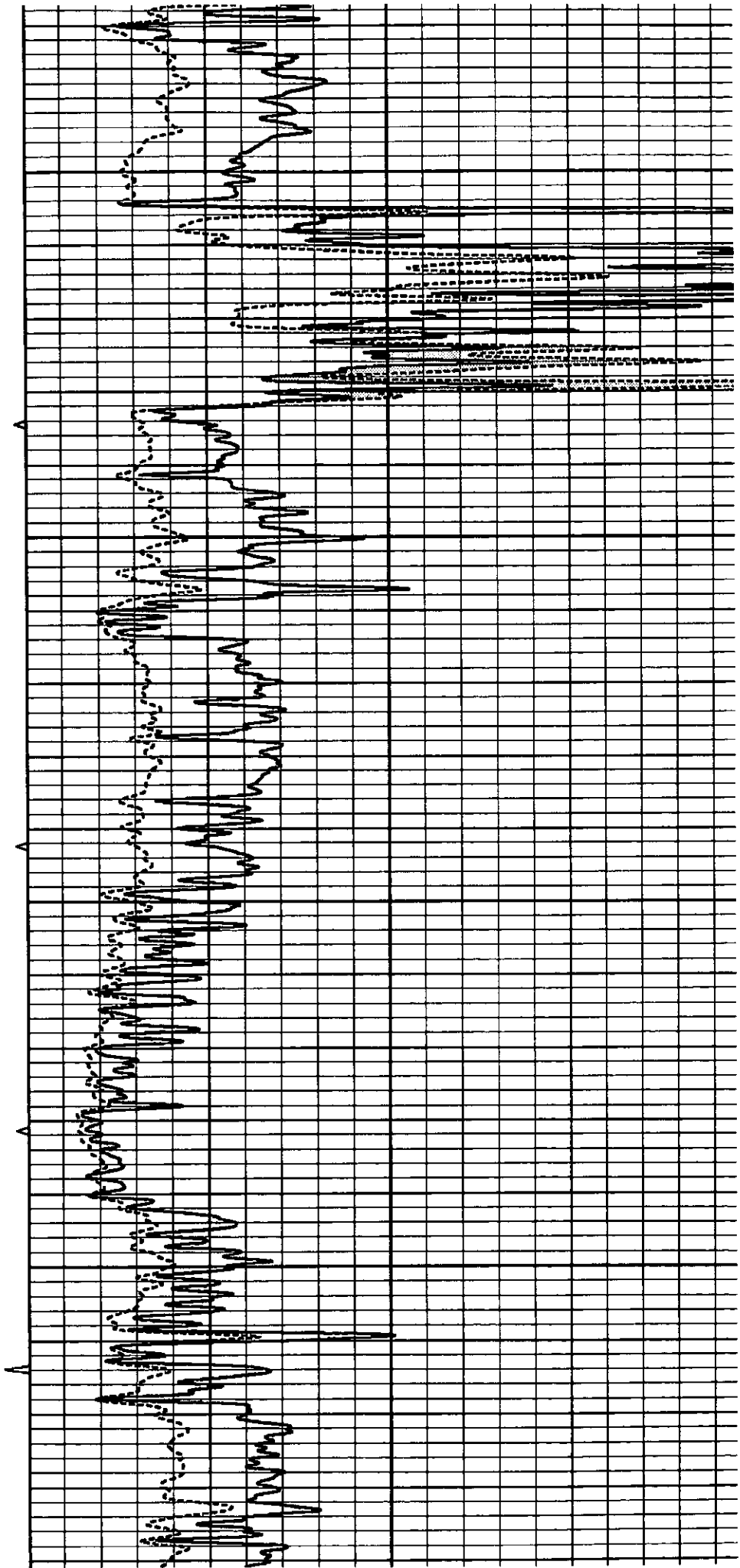


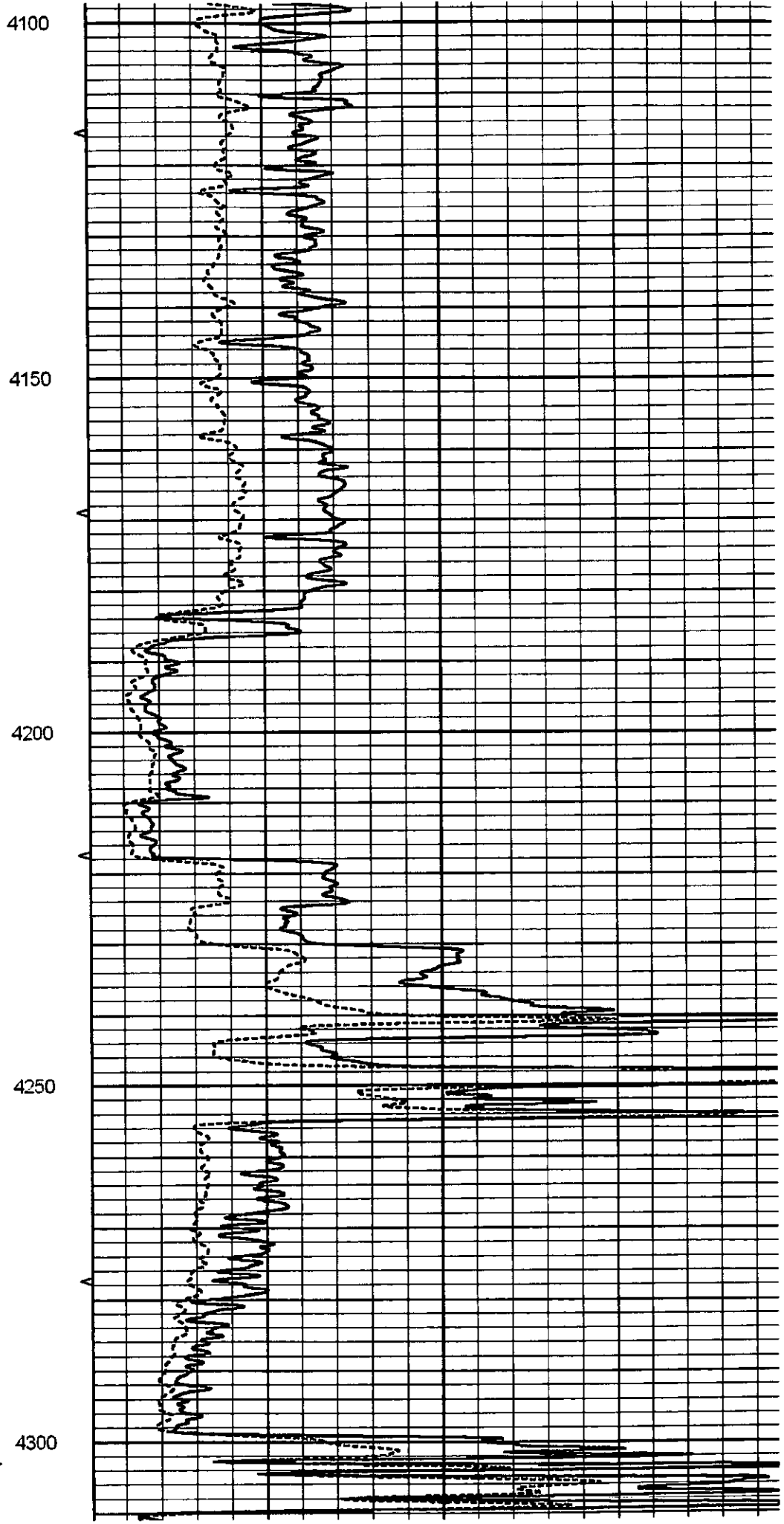
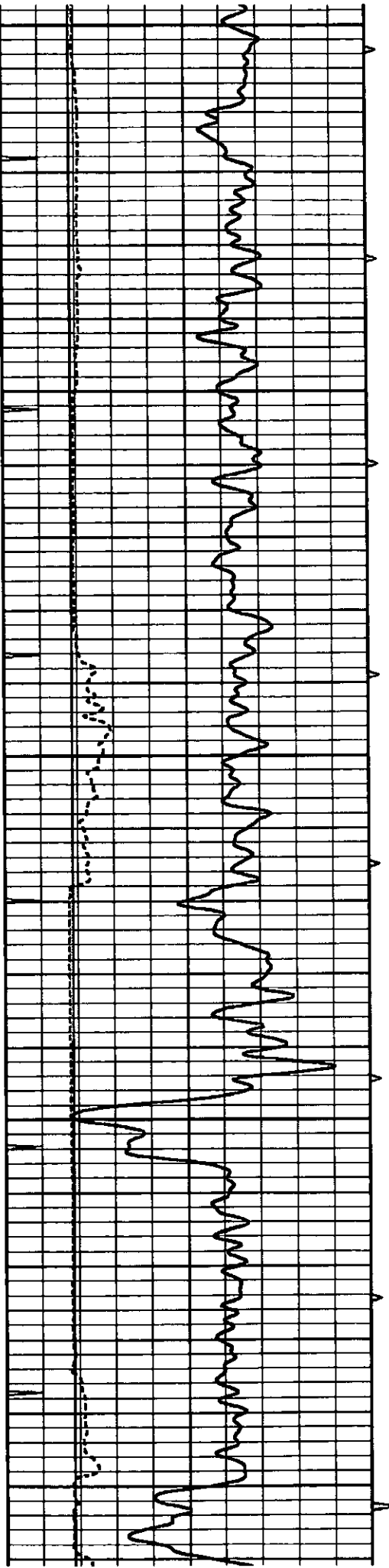
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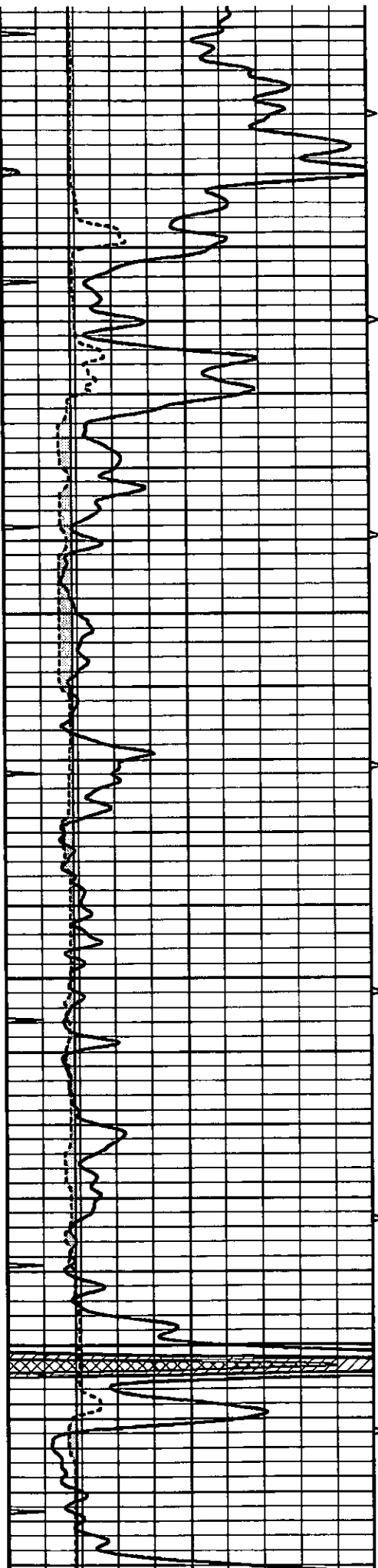
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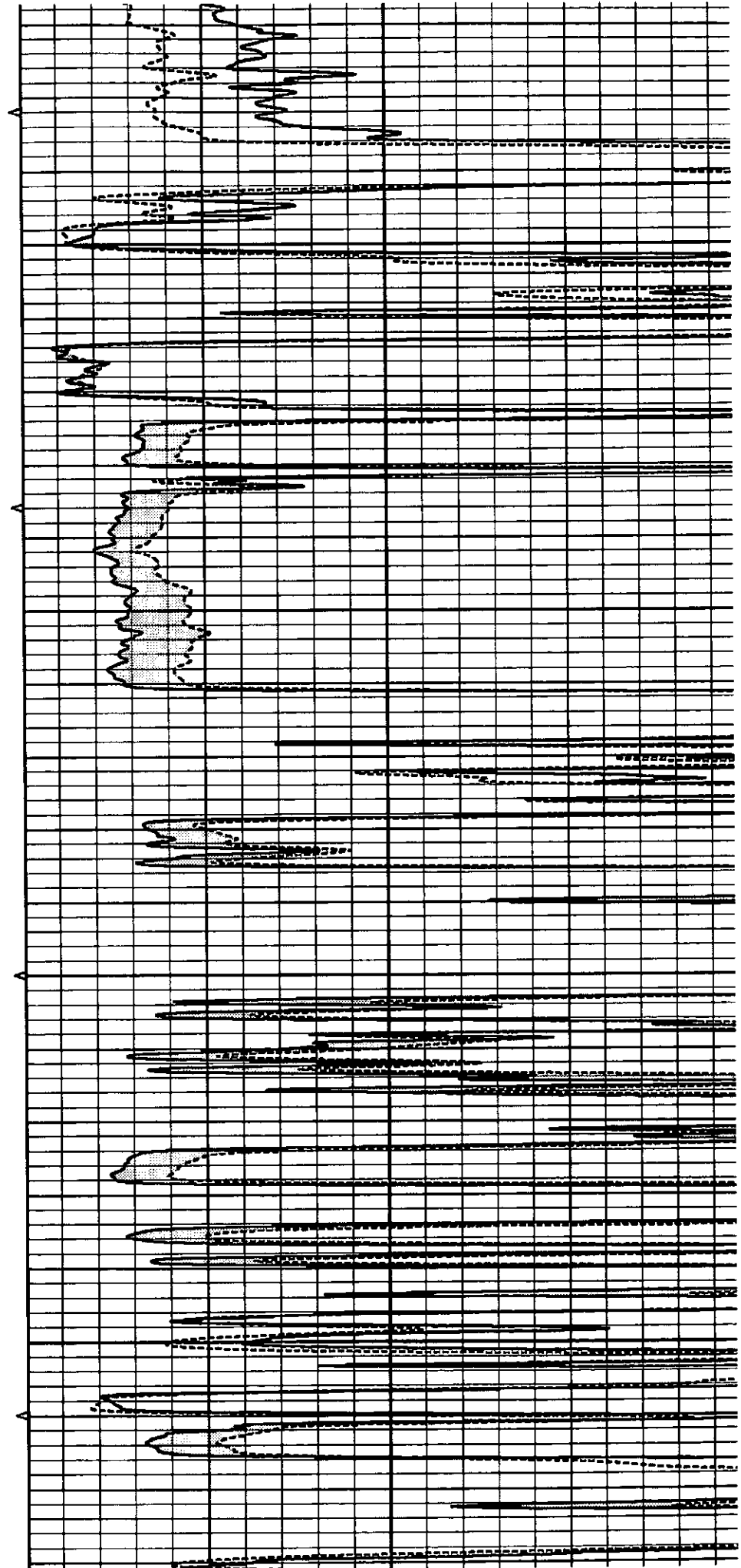


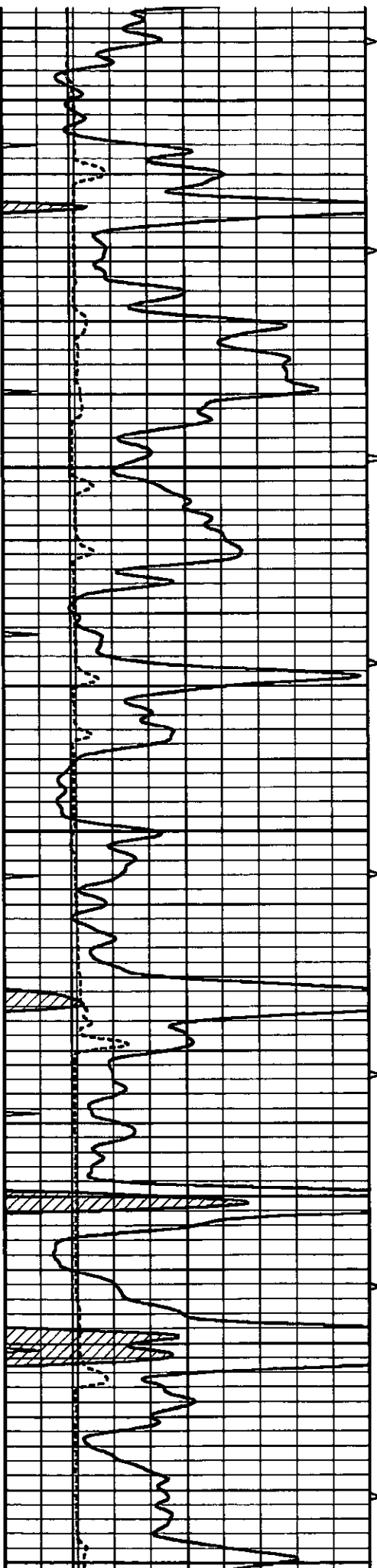
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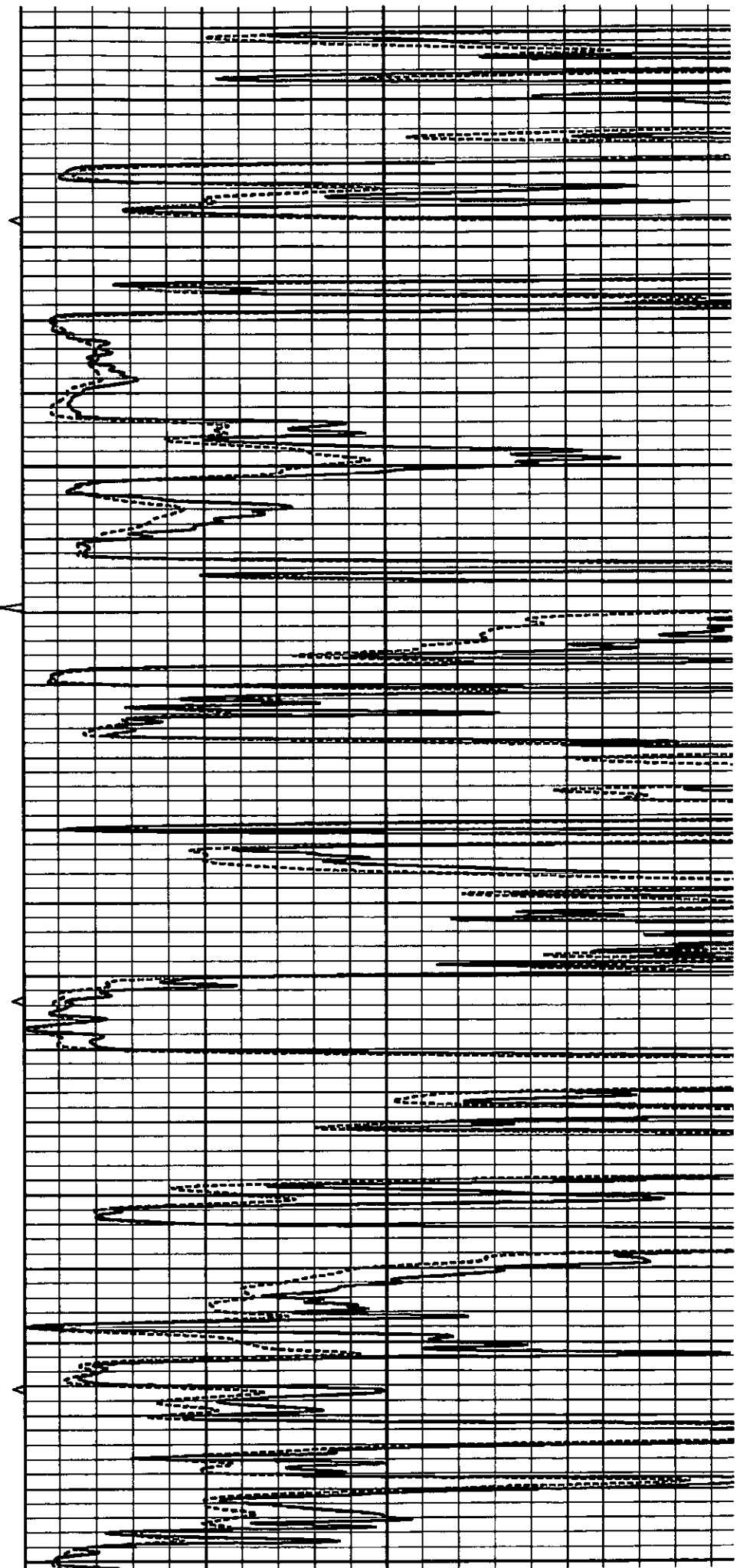
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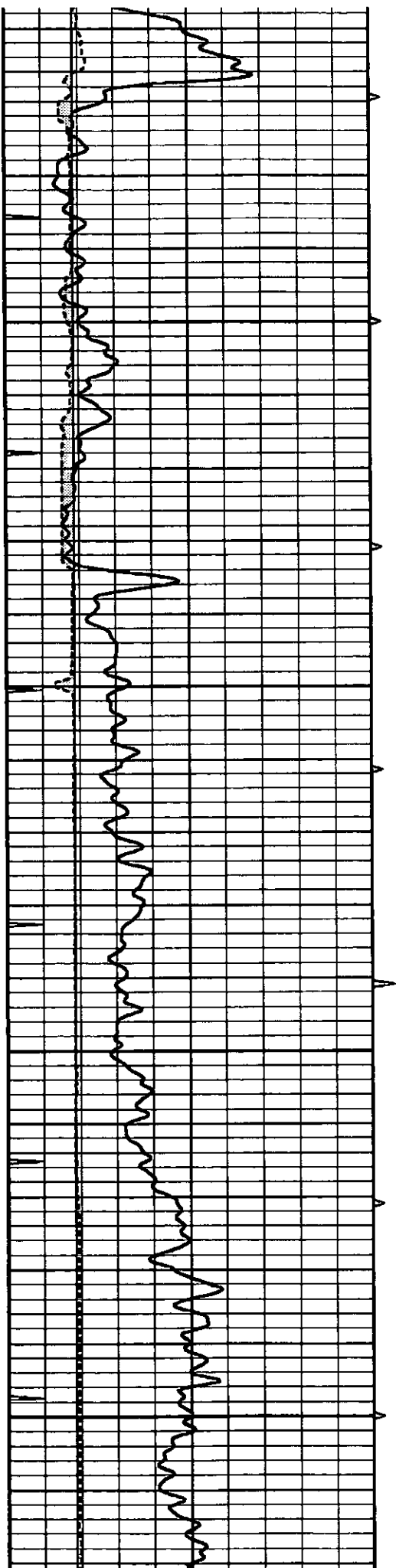
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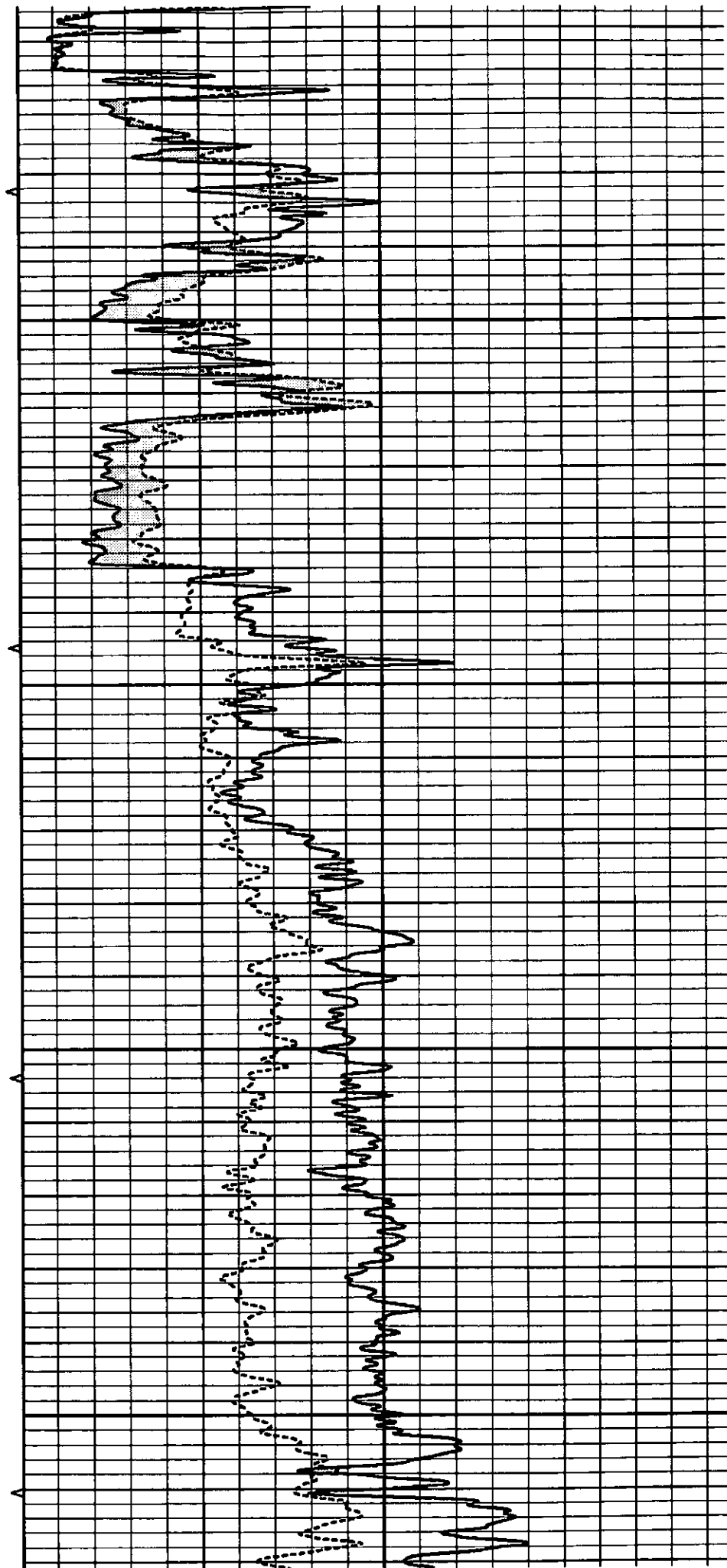


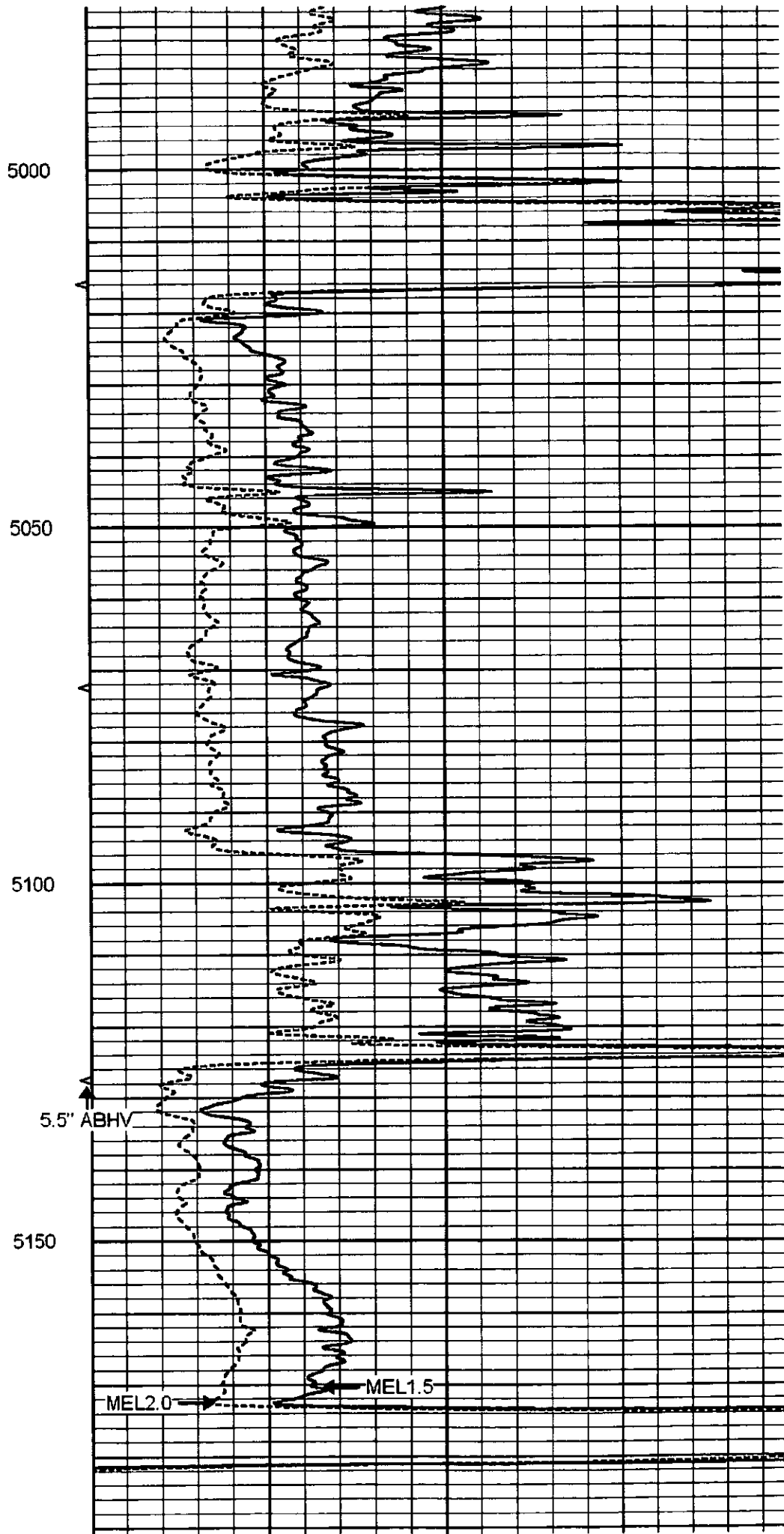
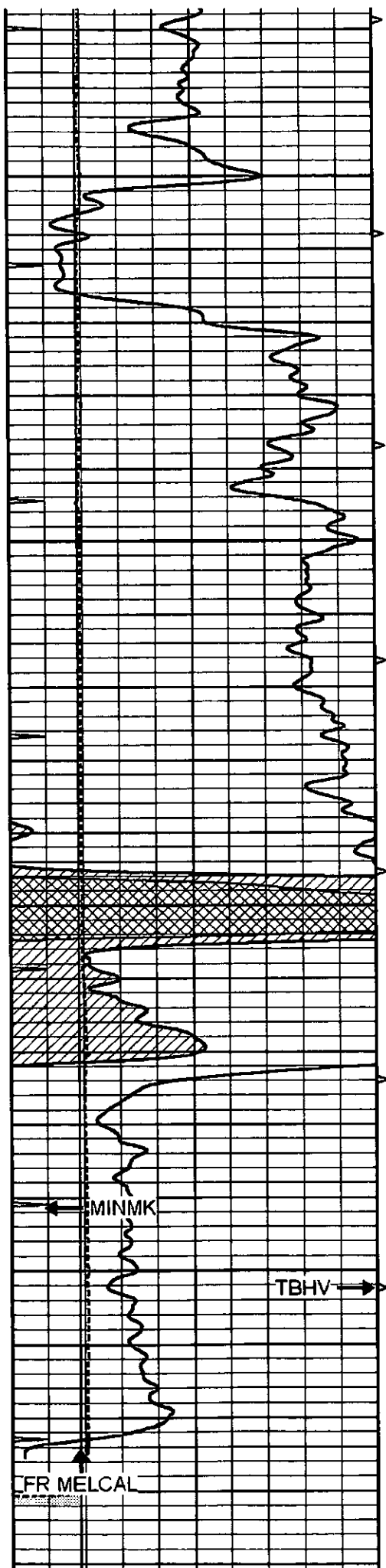
4800

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		5200			
0	GAMMA RAY (GAPI)	150	ABHV	0	MEL1.5 (Ohm-m) 4
6	CALIPER (in)	16	10 (ft3)	0 0	MEL2.0 (Ohm-m) 4
0	MINMK	10	TBHV		
			0 (ft3)	10	

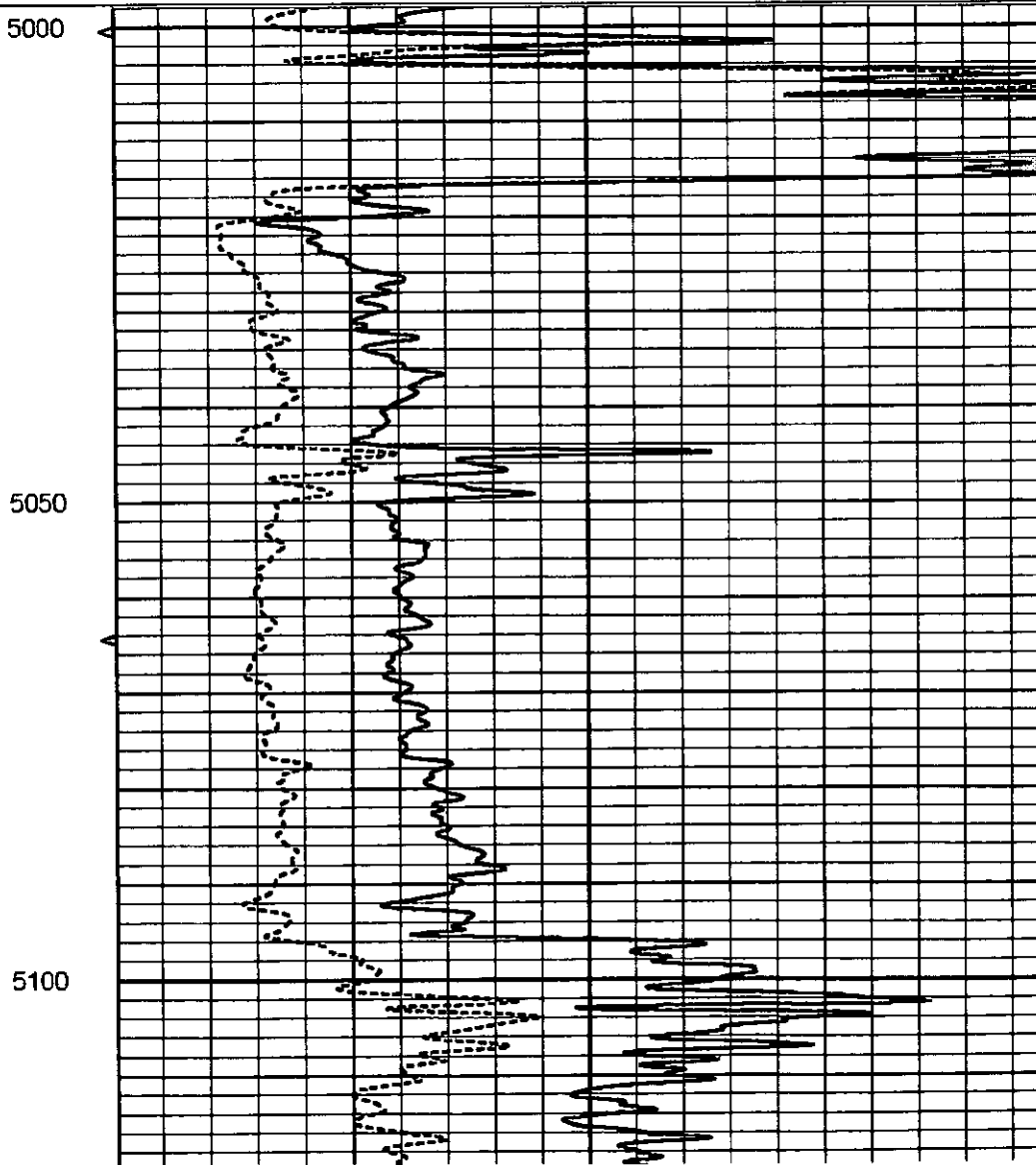
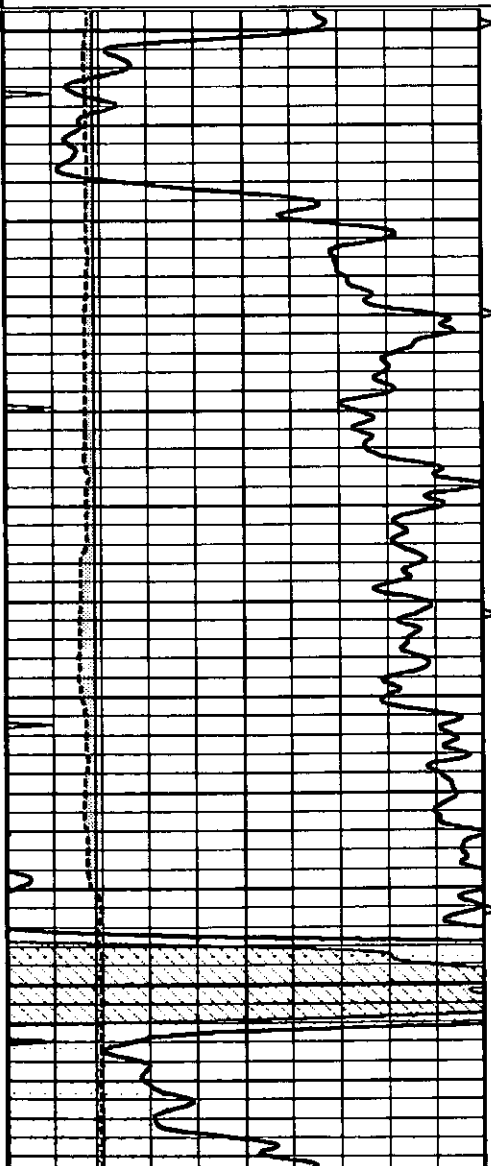


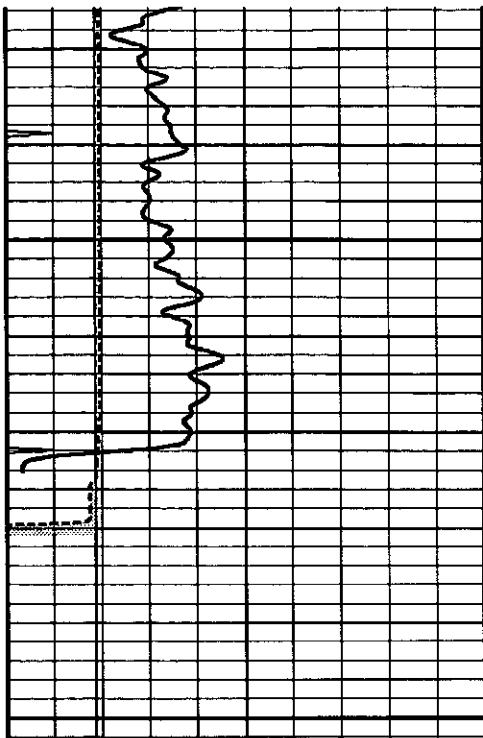
SUPERIOR
Hays,
Kansas

REPEAT SECTION

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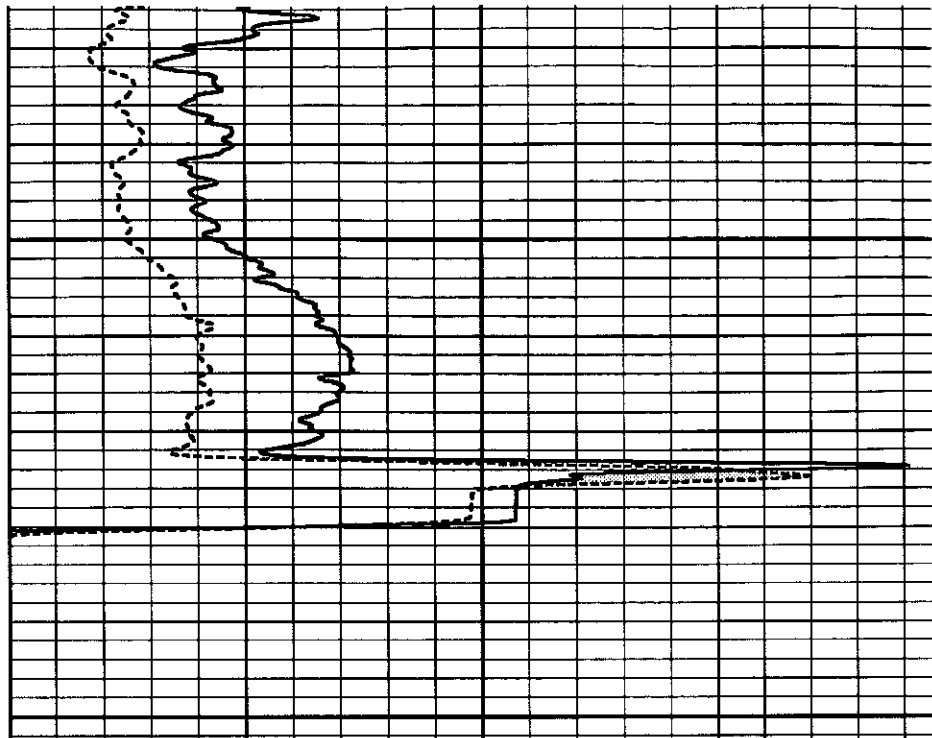
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6	CALIPER (in)	16	10 (ft3)	0 0	MEL2.0 (Ohm-m) 4
0	MINMK	10	TBHV		
			0 (ft3)	10	





5150

5200



0	GAMMA RAY (GAPI)	150	ABHV	0	MEL1.5 (Ohm-m)	4
6	CALIPER (in)	16	10 (ft3)	0	MEL2.0 (Ohm-m)	4
0	MINMK	10	TBHV			
			0 (ft3)	10		

Calibration Report

Database File: 005586pe.db
 Dataset Pathname: pass6.4
 Dataset Creation: Wed Aug 18 22:18:50 2010 by Calc Open-Cased 090629

MICRO Calibration Report

Serial Number: 2
 Tool Model: PROBE
 Performed: Wed Aug 18 21:34:17 2010

Caliper Calibration: Gain=5.622 Offset=1.399

	Low Cal	High Cal
References	6.800	14.000
Readings	0.961	2.241

1.5" Calibration: Gain=38.000 Offset=-1.500

	Low Cal	High Cal
References	0.000	20.000
Readings	0.065	1.210

2" Calibration: Gain=44.000 Offset=-0.500

	Low Cal	High Cal
References	0.000	20.000
Readings	0.012	1.043

Gamma Ray Calibration Report

Serial Number: GR4
 Tool Model: OPEN
 Performed: Wed Aug 18 21:30:09 2010

Background Reading:

0.0

cps

Calibrator Reading:

189.0

cps

Sensitivity:

0.8500

GAPI/cps



SUPERIOR
Hays,
Kansas

SONIC
LOG

Company LOTUS OPERATING COMPANY, LLC.

Well CR WETZ #6

Field STRANATHAN

County BARBER State KANSAS

Location: 850' FSL & 1815' FEL API #: 15-007-23582-0000

Other Services
CDL/CNL/PE
DIL/MEL

SEC 36 TWP 34S RGE 12W

GROUND LEVEL Elevation 1417

Elevation
K.B. 1426
D.F. 1424
G.L. 1417

Permanent Datum GROUND LEVEL

Log Measured From KELLY BUSHING 9' A.G.L.

Drilling Measured From KELLY BUSHING

Company	LOTUS OPERATING CO. LLC.
Well	CR WETZ #6
Field	STRANATHAN
County	BARBER
State	KANSAS
Site	8/18/10
In Number	TWO
1st Driller	5199
2nd Driller	5198
Bottom Logged Interval	5185
1st Log Interval	3700
2nd Log Interval	10 3/4"@280'
3rd Log Interval	280
4th Log Interval	7 7/8"
5th Log Interval	CHEMICAL MUD
6th Log Interval	9.4/58
7th Log Interval	10.0/9.6
8th Log Interval	FLOWLINE
9th Log Interval	.620@100F
10th Log Interval	.465@100F
11th Log Interval	.744@100F
12th Log Interval	MEASUREMENT
13th Log Interval	488@127F
14th Log Interval	5.5 HOURS
15th Log Interval	6:45 P.M.
16th Log Interval	127F
17th Log Interval	0836
18th Log Interval	HAYS, KANSAS
19th Log Interval	JEFF LUEBBERS
20th Log Interval	TIM HELLMAN

<<< Fold Here >>>

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Comments

THANK YOU FOR USING SUPERIOR WELL SERVICE HAYS, KANSAS (785) 628-6395
 DIRECTIONS
 MEDICINE LODGE, KS. (HWY 160 & 281 JUNCTION) 17S. ON HWY 281 TO (MM#7) "DRIFTWOOD RD.",
 1/4W., N. INTO @TANK BATTERY

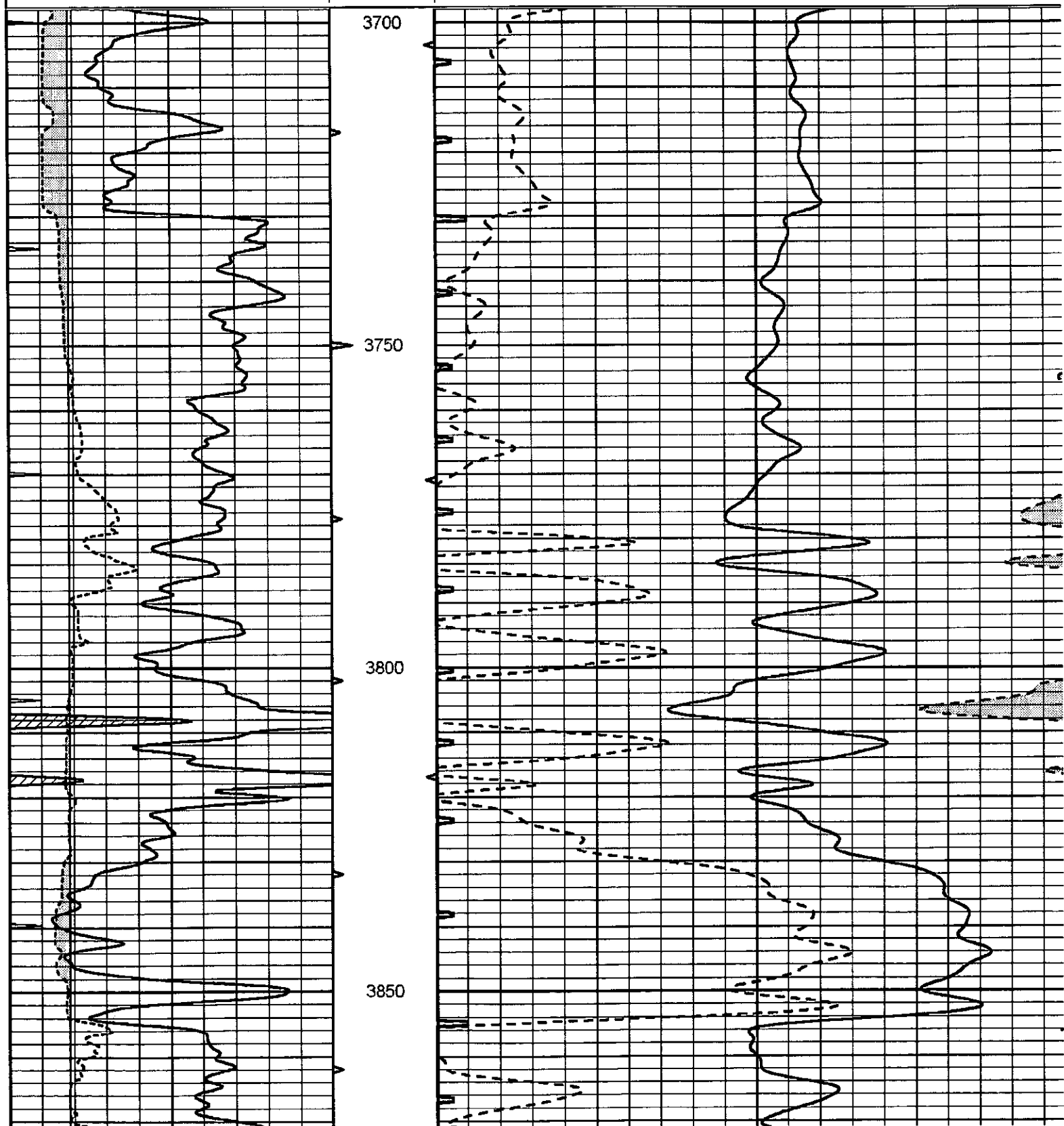


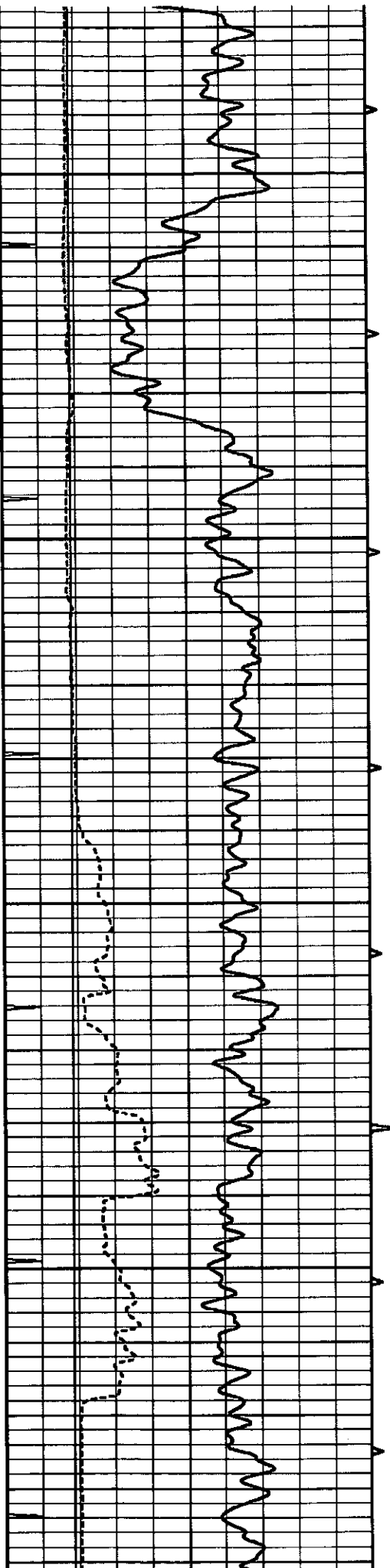
SUPERIOR
Hays,

MAIN SECTION

Database File: 005586pe.db
 Dataset Pathname: pass6.4
 Presentation Format: slt
 Dataset Creation: Wed Aug 18 22:18:50 2010 by Calc Open-Cased 090629
 Charted by: Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	ABHV	140	DELTA TIME (usec/ft)	4
6	CALIPER (in)	16	10 (ft3)	0 30	SONIC POROSITY (pu)	-1
0	MINMK	10	TBHV	0	ITT (msec)	20
			0 (ft3)	10		



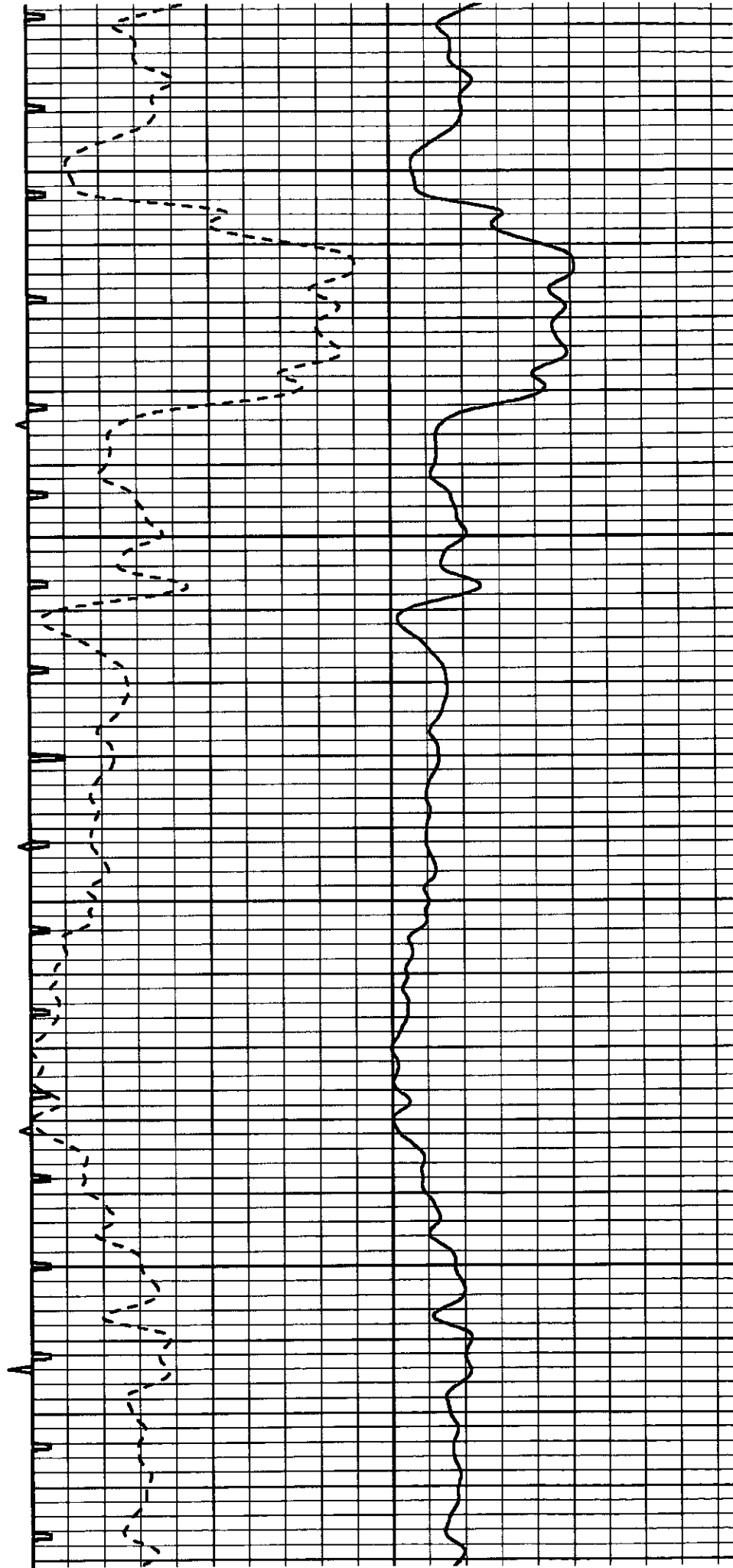


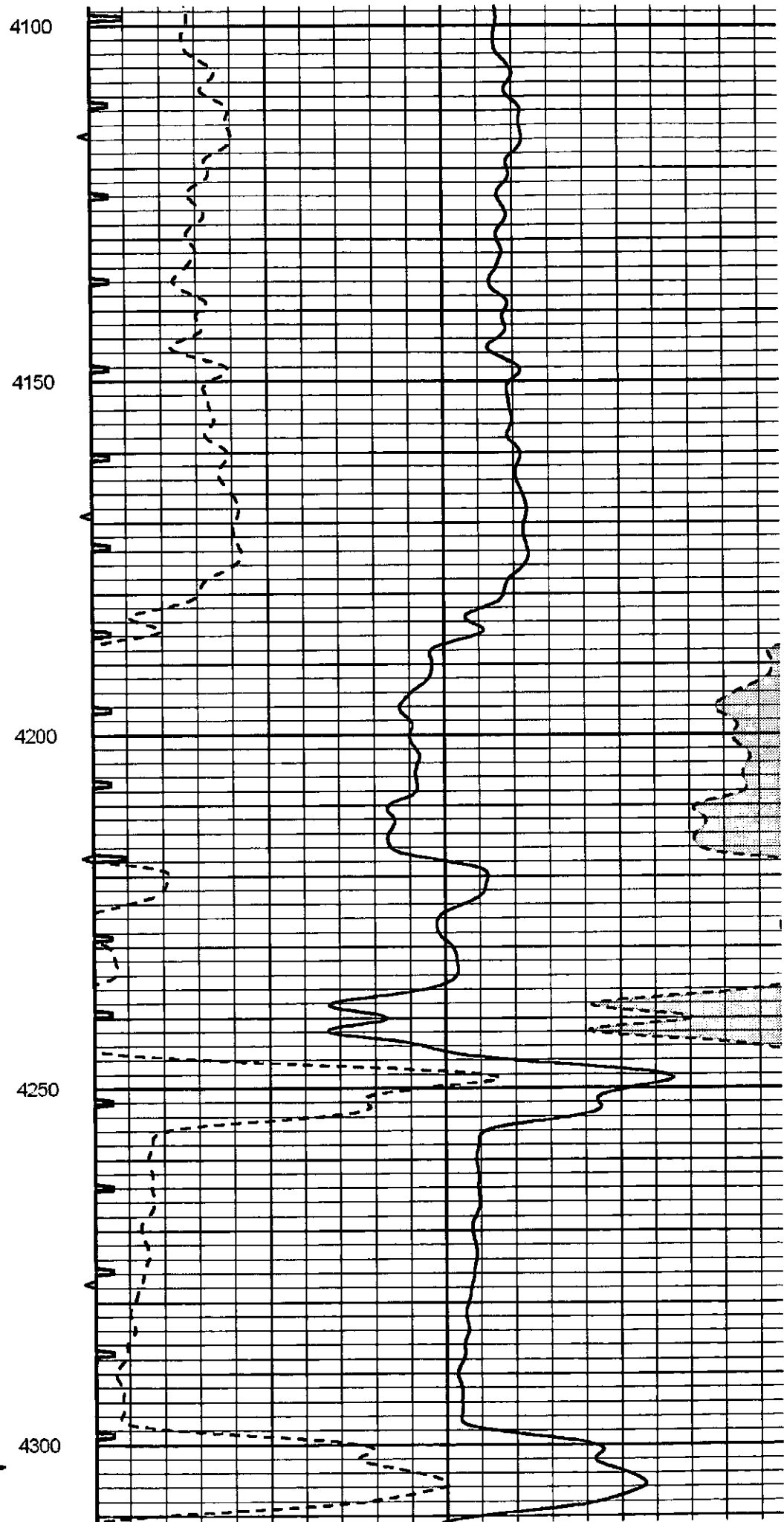
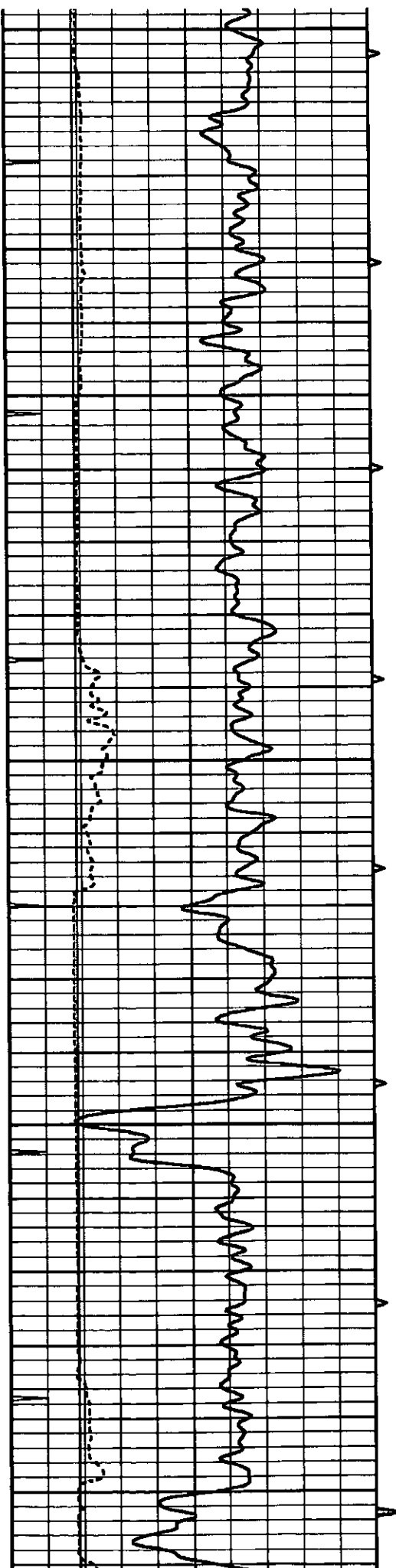
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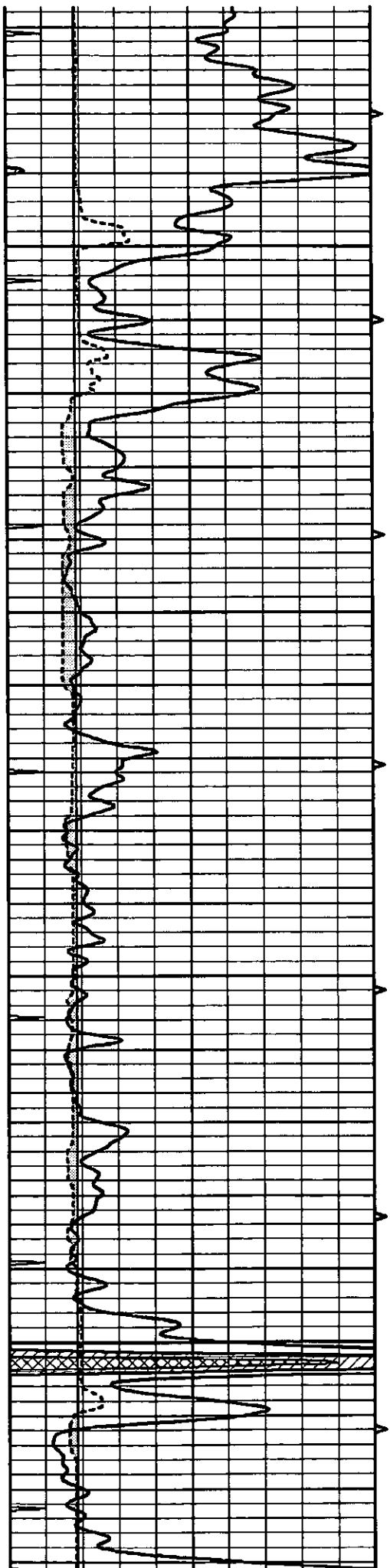
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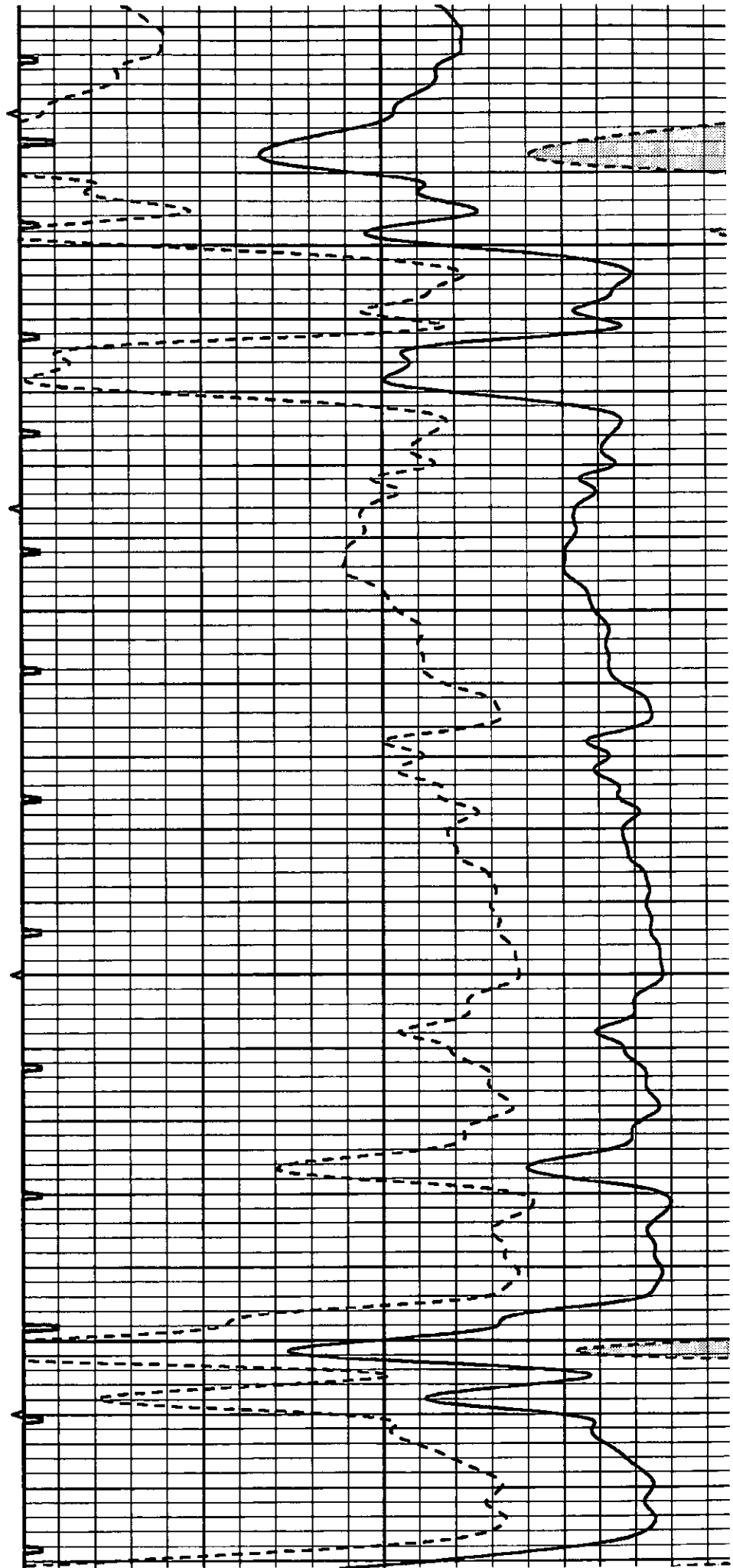


4350

4400

4450

4500

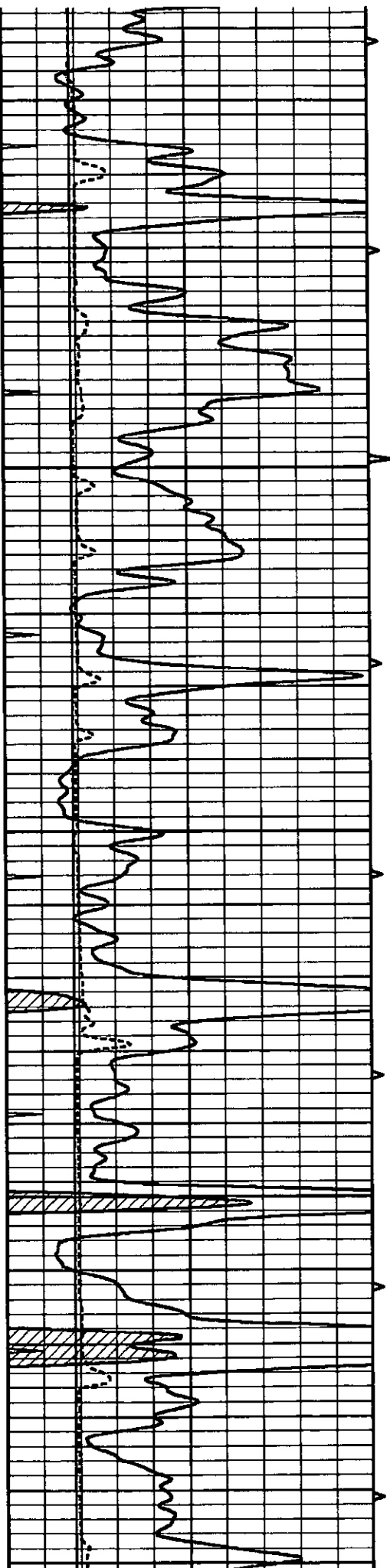


4350

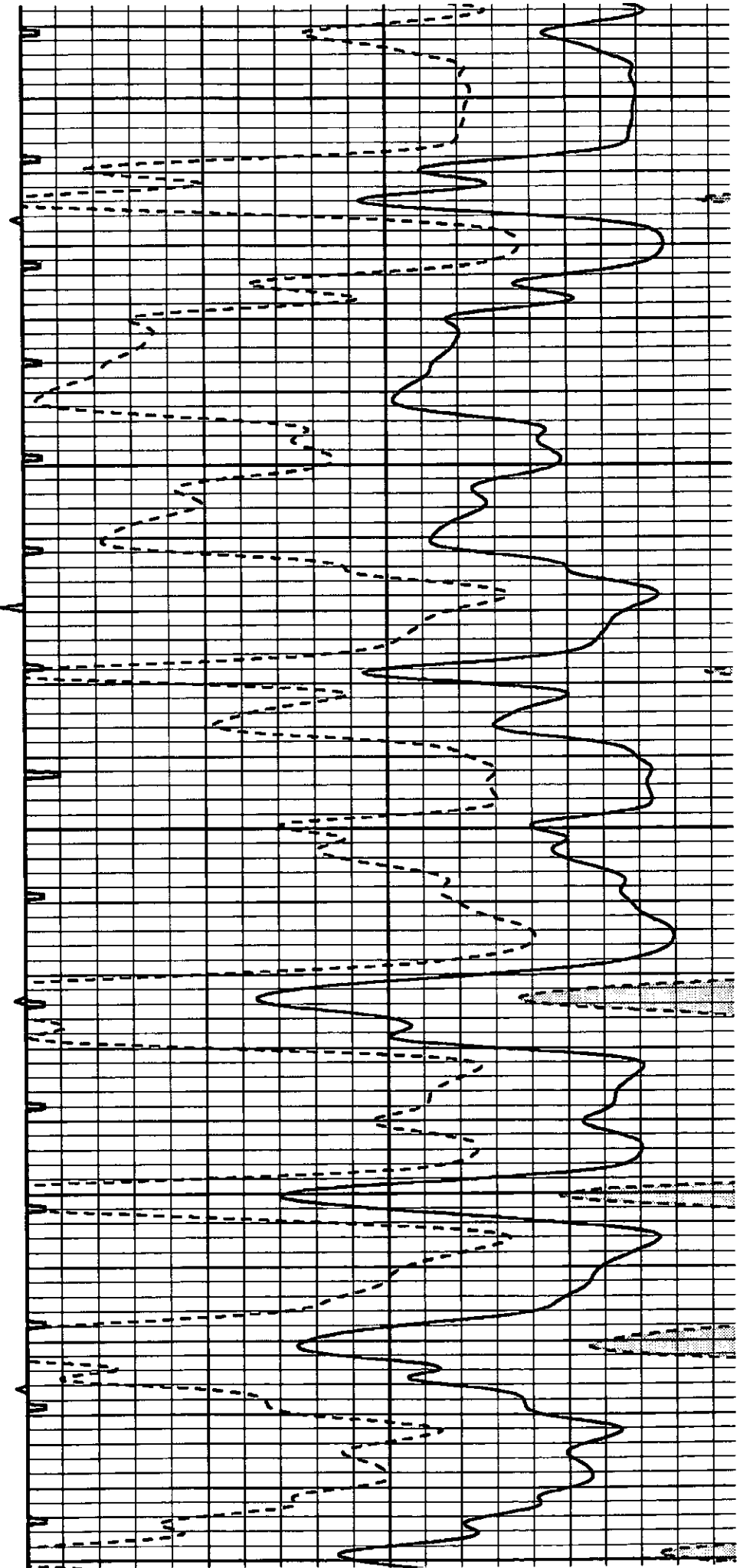
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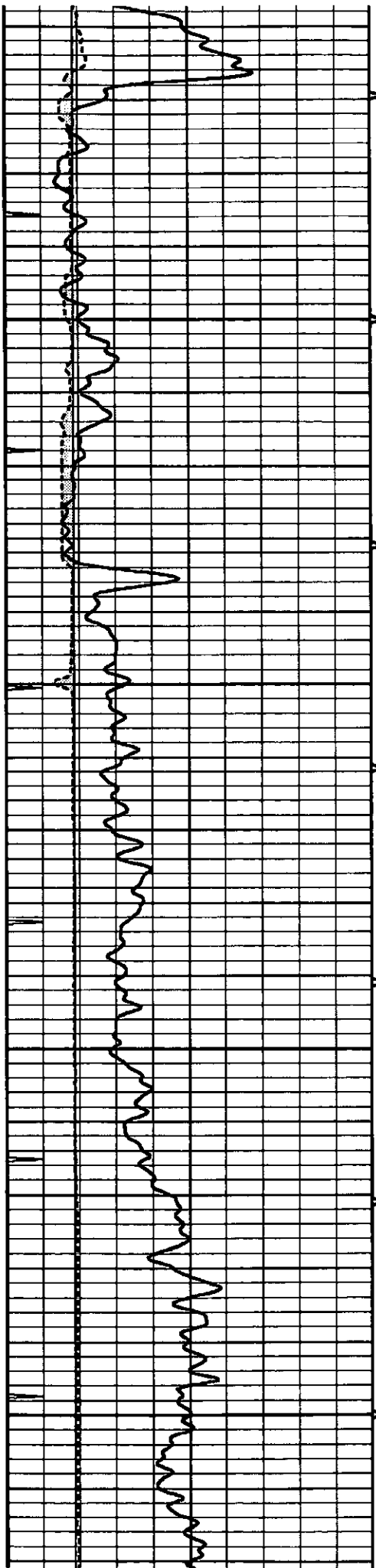
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4500



4550
4600
4650
4700
4750



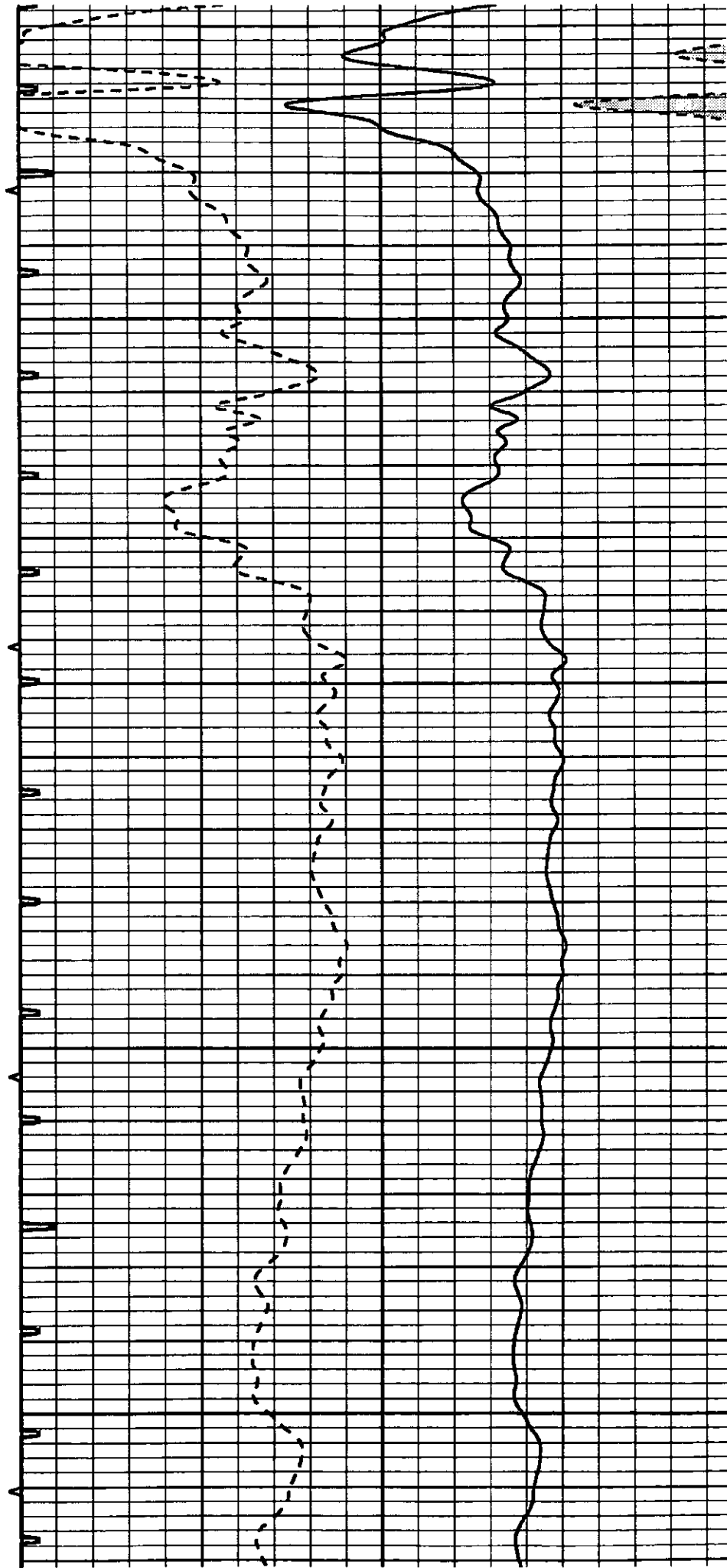


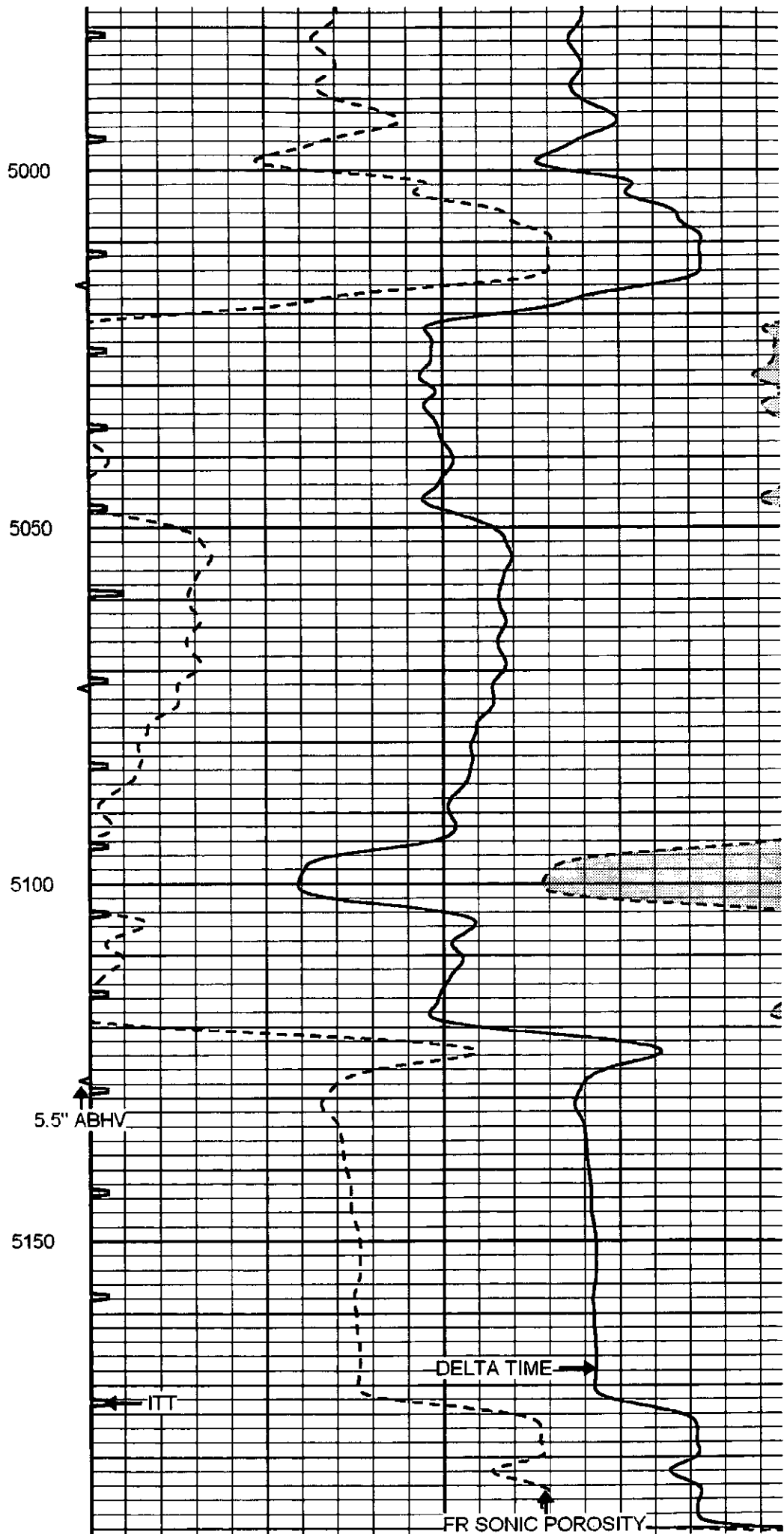
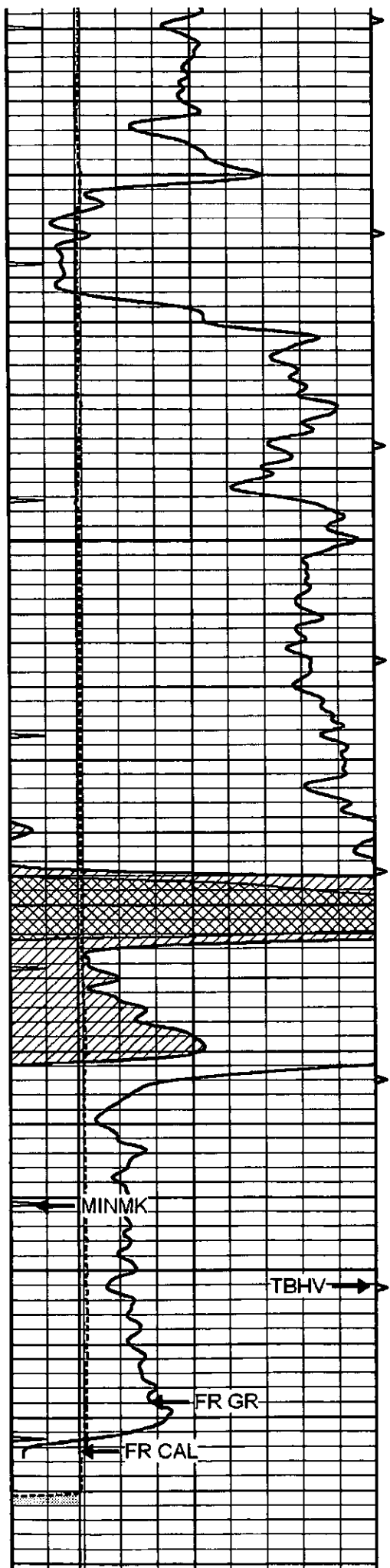
4800

4850

4900

4950





		LTD 5190 5200			
0	GAMMA RAY (GAPI)	150	ABHV	140	DELTA TIME (usec/ft) 4
6	CALIPER (in)	16	10 (ft3) 0	30	SONIC POROSITY (pu) -1
0	MINMK	10	TBHV	0	ITT (msec) 20
			0 (ft3) 10		

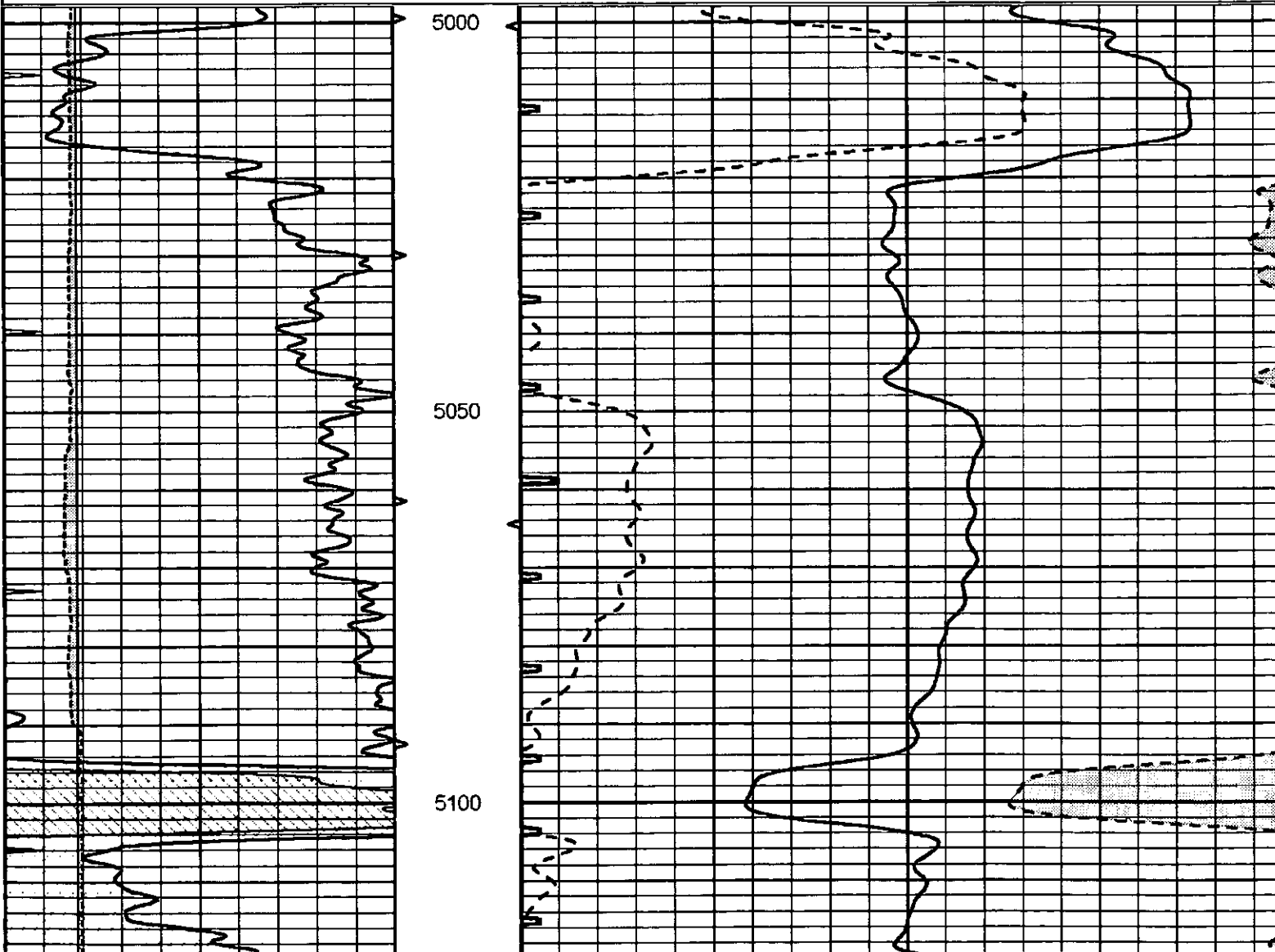


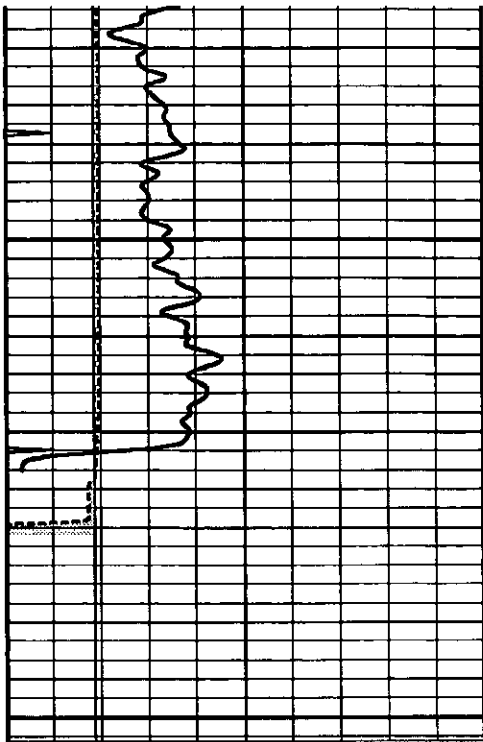
SUPERIOR
Hays,
Kansas

REPEAT SECTION

Database File: 005586pe.db
 Dataset Pathname: pass5.2
 Presentation Format: slt
 Dataset Creation: Wed Aug 18 22:05:07 2010 by Calc Open-Cased 090629
 Charted by: Depth in Feet scaled 1:240

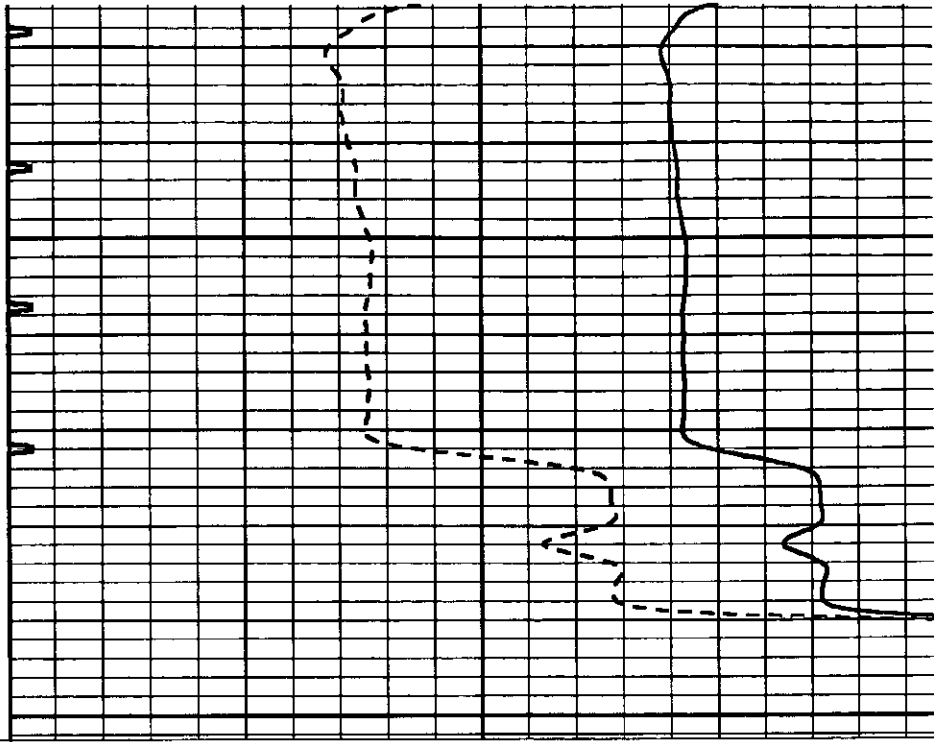
0	GAMMA RAY (GAPI)	150	ABHV	140	DELTA TIME (usec/ft) 4
6	CALIPER (in)	16	10 (ft3) 0	30	SONIC POROSITY (pu) -1
0	MINMK	10	TBHV	0	ITT (msec) 20
			0 (ft3) 10		





5150

5200



0	GAMMA RAY (GAPI)	150	ABHV	140	DELTA TIME (usec/ft)	4
6	CALIPER (in)	16	10 (ft3)	0 30	SONIC POROSITY (pu)	-1
0	MINMK	10	TBHV	0	ITT (msec)	20
			0 (ft3)	10		



PO BOX 31 Russell, KS 67666

RECEIVED
AUG 25 2010

INVOICE

Invoice Number: 124059

Invoice Date: Aug 13, 2010

Page: 1

Voice: (785) 483-3887
Fax: (785) 483-5566

Bill To:
Lotus Operating Co., LLC Lotus Exploration Co. 100 S. Main, STE 420 Wichita, KS 67202

Customer ID	Well Name # or Customer P.O	Payment Terms	
Lotus	CR Wetz #6	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Medicine Lodge	Aug 13, 2010	9/12/10

Quantity	Item	Description	Unit Price	Amount
135.00	MAT	Class A Common	15.45	2,085.75
90.00	MAT	Pozmix	8.00	720.00
4.00	MAT	Gel	20.80	83.20
7.00	MAT	Chloride	58.20	407.40
236.00	SER	Handling	2.40	566.40
18.00	SER	Mileage 236 sx @ .10 per sk per mi	23.60	424.80
1.00	SER	Surface	1,018.00	1,018.00
18.00	SER	Pump Truck Mileage	7.00	126.00

ENTERED
AUG 26 2010

GL# 9208
DESC. Cement 10 3/4
CSG w/ 225 sx 60/40
pozmix, # 6
WELL # Wetz CR

ALL PRICES ARE NET, PAYABLE
30 DAYS FOLLOWING DATE OF
INVOICE. 1 1/2% CHARGED
THEREAFTER. IF ACCOUNT IS
CURRENT, TAKE DISCOUNT OF

Subtotal	5,431.55
Sales Tax	240.63
Total Invoice Amount	5,672.18
Payment/Credit Applied	
TOTAL	5,672.18

ONLY IF PAID ON OR BEFORE

- 1086.31
4585.87



PO BOX 31 Russell, KS 67665

RECEIVED

AUG 26 2010

INVOICE

Invoice Number: 124158

Invoice Date: Aug 19, 2010

Page: 1

Voice: (785) 483-3887

Fax: (785) 483-5566

Bill To:

Lotus Operating Co., LLC
Lotus Exploration Co.
100 S. Main, STE 420
Wichita, KS 67202

Customer ID	Well Name# or Customer P.O.	Payment Terms	
Lotus	C R Wetz #6	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-02	Medicine Lodge	Aug 19, 2010	9/18/10

Quantity	Item	Description	Unit Price	Amount
30.00	MAT	Class A Common	15.45	463.50
20.00	MAT	Pozmix	8.00	160.00
2.00	MAT	Gel	20.80	41.60
200.00	MAT	ASC Class A	18.60	3,720.00
1,000.00	MAT	Kol Seal	0.89	890.00
94.00	MAT	FL-160	13.30	1,250.20
50.00	MAT	Flo Seal	2.50	125.00
250.00	SER	Handling	2.40	600.00
18.00	SER	Mileage 250 sx @ .10 per sk per mi	25.00	450.00
1.00	SER	Production Straing	2,092.00	2,092.00
18.00	SER	Pump Truck Mileage	7.00	126.00
1.00	EQP	5.5 Guide Shoe	100.80	100.80
1.00	EQP	5.5 AFU Insert	112.00	112.00
5.00	EQP	5.5 Centralizer	32.20	161.00
1.00	EQP	5.5 Basket	161.00	161.00
1.00	EQP	5.5 Rubber Plug	74.00	74.00

Subtotal	10,527.10
Sales Tax	529.91
Total Invoice Amount	11,057.01
Payment/Credit Applied	
TOTAL	11,057.01

ALL PRICES ARE NET, PAYABLE
30 DAYS FOLLOWING DATE OF
INVOICE. 1 1/2% CHARGED
THEREAFTER. IF ACCOUNT IS
CURRENT, TAKE DISCOUNT OF

\$ 2105.42

ONLY IF PAID ON OR BEFORE
Sep 13, 2010

2105.42
2951.59

ALLIED CEMENTING CO., LLC. 041863

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
Medicine Lodge KS

DATE <u>8-19-10</u>	SEC. <u>36</u>	TWP. <u>34</u>	RANGE <u>12</u>	CALLED OUT	ON LOCATION <u>7:00am</u>	JOB START <u>4:00pm</u>	JOB FINISH <u>5:15pm</u>
LEASE <u>CR Wetz</u>	WELL # <u>6</u>	LOCATION <u>Medicine Lodge KS southern</u>			COUNTY <u>Barber</u>	STATE <u>KS</u>	
OLD OR <u>(NEW)</u> (Circle one)		<u>281 to Driftwood Rd 1/2 West North Side</u>					

CONTRACTOR Maverick Drilling Rig #106
 TYPE OF JOB 5 1/2 Production String
 HOLE SIZE 7 7/8 T.D. 5199
 CASING SIZE 5 1/2 x 14 #124 DEPTH 5112.47
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT 42.21
 CEMENT LEFT IN CSG. 42.21
~~Insert @~~ 5079.26
 DISPLACEMENT 123.93 Bbl
 EQUIPMENT _____

OWNER _____
 CEMENT
 AMOUNT ORDERED 50 69/10 4% Gel
200 Class A ASC + 5# Kolsal + .5% B-160 + 1/4# Fb
 COMMON 30 SX @ 15.45 463 ⁵⁰
 POZMIX 20 SX @ 8.00 160 ⁰⁰
 GEL 2 SX @ 20.00 41 ⁶⁰
 CHLORIDE _____ @ _____ _____
 ASC 200 SX @ 18.00 3720 ⁰⁰
Kolsal 1000# @ 89 890 ⁰⁰
F1-160 94# @ 13.50 1250 ⁰⁰
Floccal 50# @ 2.50 125 ⁰⁰
 _____ @ _____ _____
 _____ @ _____ _____
 _____ @ _____ _____
 _____ @ _____ _____
 HANDLING 250 @ 2.40 600 ⁰⁰
 MILEAGE 250/10/18 450 ⁰⁰
 TOTAL 7700 ⁹⁰

PUMP TRUCK CEMENTER John Roberts
 # 414/265 HELPER Matt
 BULK TRUCK
 # 421/290 DRIVER Jason
 BULK TRUCK
 # _____ DRIVER _____

REMARKS:
Ran 124 jts 5 1/2 14" casing Est. Circulation
Plug Rathole w/ 30sk & Mousehole w/ 20sk Mix
200 sk cement @ 14.5 ppg.
Displace plug w/ 125 Bbl H₂O.
Land plug @ 1400 psi
Float Did Hold!
 Thank You!

SERVICE
 DEPTH OF JOB 5112 ⁰⁰
 PUMP TRUCK CHARGE 2092 ⁰⁰
 EXTRA FOOTAGE @ _____
 MILEAGE 18 @ 7.00 126 ⁰⁰
 MANIFOLD @ _____
 _____ @ _____
 _____ @ _____
 TOTAL 2218 ⁰⁰

CHARGE TO: Lotus Operating Co. LLC
 STREET 100 S Main STE 420
 CITY Wichita STATE KS ZIP 67202

5 1/2 PLUG & FLOAT EQUIPMENT
 Guide Shoe @ 100 ⁰⁰
 AFU Insert @ 42 ⁰⁰
 5- Centralizers @ 161 ⁰⁰
 1- Cement Basket @ 161 ⁰⁰

To Allied Cementing Co., LLC.
 You are hereby requested to rent cementing equipment