



KANSAS CORPORATION COMMISSION 1046332
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 # 5929
Name: Duke Drilling Co., Inc.
Wellsite Geologist: Tim Hellman
Purchaser: High Sierra Marketing, LP & ONEOK

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
 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>07/27/2010</u>	<u>08/05/2010</u>	<u>08/12/2010</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-007-23565-00-00
Spot Description: _____
NE SW NW NW Sec. 2 Twp. 35 S. R. 12 East West
900 Feet from North / South Line of Section
600 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Barber
Lease Name: Koppitz Well #: 1
Field Name: Stranathan
Producing Formation: Simpson
Elevation: Ground: 1391 Kelly Bushing: 1404
Total Depth: 5200 Plug Back Total Depth: 4980
Amount of Surface Pipe Set and Cemented at: 260 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: 42000 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: 11/17/2010
 Confidential Release Date: 11/16/2012
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
ALT I II III Approved by: NAOMI JAMES Date: 11/17/2010



1046332

Operator Name: Lotus Operating Company, L.L.C. Lease Name: Koppitz Well #: 1
 Sec. 2 Twp. 35 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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: Attached	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Heebner</td> <td>3808</td> <td>-2404</td> </tr> <tr> <td>KC</td> <td>4337</td> <td>-2933</td> </tr> <tr> <td>BKC</td> <td>4582</td> <td>-3178</td> </tr> <tr> <td>Miss</td> <td>4781</td> <td>-3377</td> </tr> <tr> <td>Viola</td> <td>5183</td> <td>-3779</td> </tr> <tr> <td>LTD</td> <td>5203</td> <td>-3799</td> </tr> </table>	Name	Top	Datum	Heebner	3808	-2404	KC	4337	-2933	BKC	4582	-3178	Miss	4781	-3377	Viola	5183	-3779	LTD	5203	-3799
Name	Top	Datum																				
Heebner	3808	-2404																				
KC	4337	-2933																				
BKC	4582	-3178																				
Miss	4781	-3377																				
Viola	5183	-3779																				
LTD	5203	-3799																				

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> 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	260	60/40 poz	225	2% g, 3% cc
Production	7.88	5.5	14	5010	ACS Class A	200	latex

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	-			
	-			

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth
2	4752-4803	Acid 3800 10% NEFE	4752-4803
2	4752-4803	Frac 181,700# and 9028 bbl slick water	4752-4803

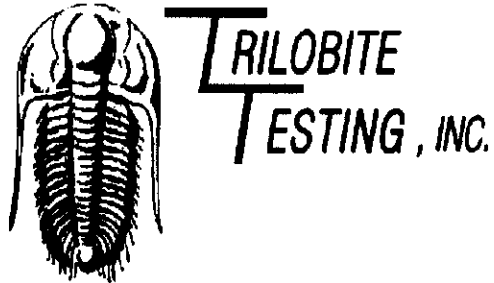
TUBING RECORD: Size: <u>2 7/8"</u> Set At: <u>4853'</u> Packer At: <u>none</u> Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																	
Date of First, Resumed Production, SWD or ENHR: <u>9/14/2010</u>	Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____																
Estimated Production Per 24 Hours	<table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:15%;">Oil</td> <td style="width:15%;">Bbls.</td> <td style="width:15%;">Gas</td> <td style="width:15%;">Mcf</td> <td style="width:15%;">Water</td> <td style="width:15%;">Bbls.</td> <td style="width:15%;">Gas-Oil Ratio</td> <td style="width:15%;">Gravity</td> </tr> <tr> <td>98</td> <td> </td> <td>134</td> <td> </td> <td>150</td> <td> </td> <td> </td> <td>23</td> </tr> </table>	Oil	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity	98		134		150			23
Oil	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity										
98		134		150			23										

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: <u>4752-4803</u>
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Form	ACO1 - Well Completion
Operator	Lotus Operating Company, L.L.C.
Well Name	Koppitz 1
Doc ID	1046332

All Electric Logs Run

DI
ND w/PE
Micro
Sonic



DRILL STEM TEST REPORT

Prepared For: **Lotus Operating Company, LLC**

100 S. Main
Suite 420
Wichita, KS 67202-3737

ATTN: Tim Hellman

2-35s-12w-BARBER-KS

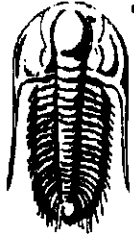
KOPPITZ #1

Start Date: 2010.08.02 @ 20:04:00

End Date: 2010.08.03 @ 09:16:00

Job Ticket #: 38778 DST #: 1

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Lotus Operating Company, LLC

KOPPITZ #1

100 S. Main
Suite 420
Wichita, KS 67202-3737
ATTN: Tim Hellman

2-35s-12w-BARBER-KS

Job Ticket: 38778 **DST#: 1**

Test Start: 2010.08.02 @ 20:04:00

GENERAL INFORMATION:

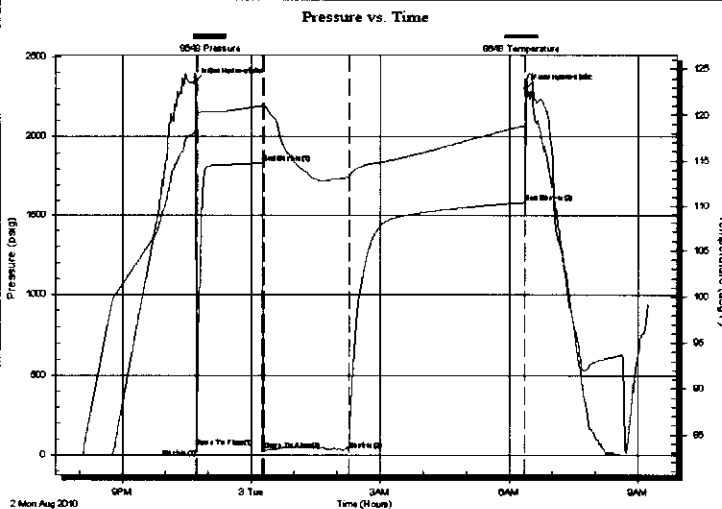
Formation: **MISSISSIPPIAN**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 22:42:40
 Time Test Ended: 09:16:00
 Test Type: Conventional Bottom Hole
 Tester: Jake Fahrenbruch
 Unit No: 43
 Interval: **4775.00 ft (KB) To 4820.00 ft (KB) (TVD)**
 Reference Elevations: 1396.00 ft (KB)
 Total Depth: 4820.00 ft (KB) (TVD) 1384.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 12.00 ft

Serial #: 8648

Inside

Press@RunDepth: 36.48 psig @ 4776.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2010.08.02 End Date: 2010.08.03 Last Calib.: 2010.08.03
 Start Time: 20:04:05 End Time: 09:16:00 Time On Btm: 2010.08.02 @ 22:39:50
 Time Off Btm: 2010.08.03 @ 06:22:10

TEST COMMENT: IF: Strong blow, BOB 30 seconds.
 IS: Bled off, no blow back.
 FF: Strong blow, BOB immediately, GTS 4 minutes. Guage gas.
 FSI: Bled off, no blow back.



PRESSURE SUMMARY

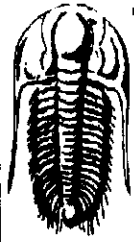
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2337.27	117.98	Initial Hydro-static
3	54.14	117.97	Open To Flow (1)
5	38.73	119.88	Shut-In(1)
96	1835.15	121.02	End Shut-In(1)
98	31.32	120.87	Open To Flow (2)
217	36.48	113.25	Shut-In(2)
462	1584.83	118.88	End Shut-In(2)
463	2301.67	119.25	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbf)
50.00	G&OCM 20%g 10%o 70%m	0.25
50.00	HGCMO 30%g 30%m 40%o	0.25

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	11.00	40.30
Last Gas Rate	0.25	5.00	30.78
Max. Gas Rate	0.25	24.00	60.92



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Lotus Operating Company, LLC

KOPPITZ #1

100 S. Main
Suite 420
Wichita, KS 67202-3737
ATTN: Tim Hellman

2-35s-12w-BARBER-KS

Job Ticket: 38778 **DST#: 1**

Test Start: 2010.08.02 @ 20:04:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 57.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.98 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 4000.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

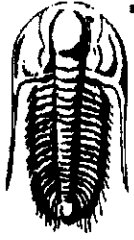
Length ft	Description	Volume bbl
50.00	G&OCM 20%g 10%o 70%m	0.246
50.00	HGCMO 30%g 30%m 40%o	0.246

Total Length: 100.00 ft Total Volume: 0.492 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

GAS RATES

Lotus Operating Company, LLC

KOPPITZ #1

100 S. Main
Suite 420
Wichita, KS 67202-3737
ATTN: Tim Hellman

2-35s-12w-BARBER-KS

Job Ticket: 38778 **DST#: 1**

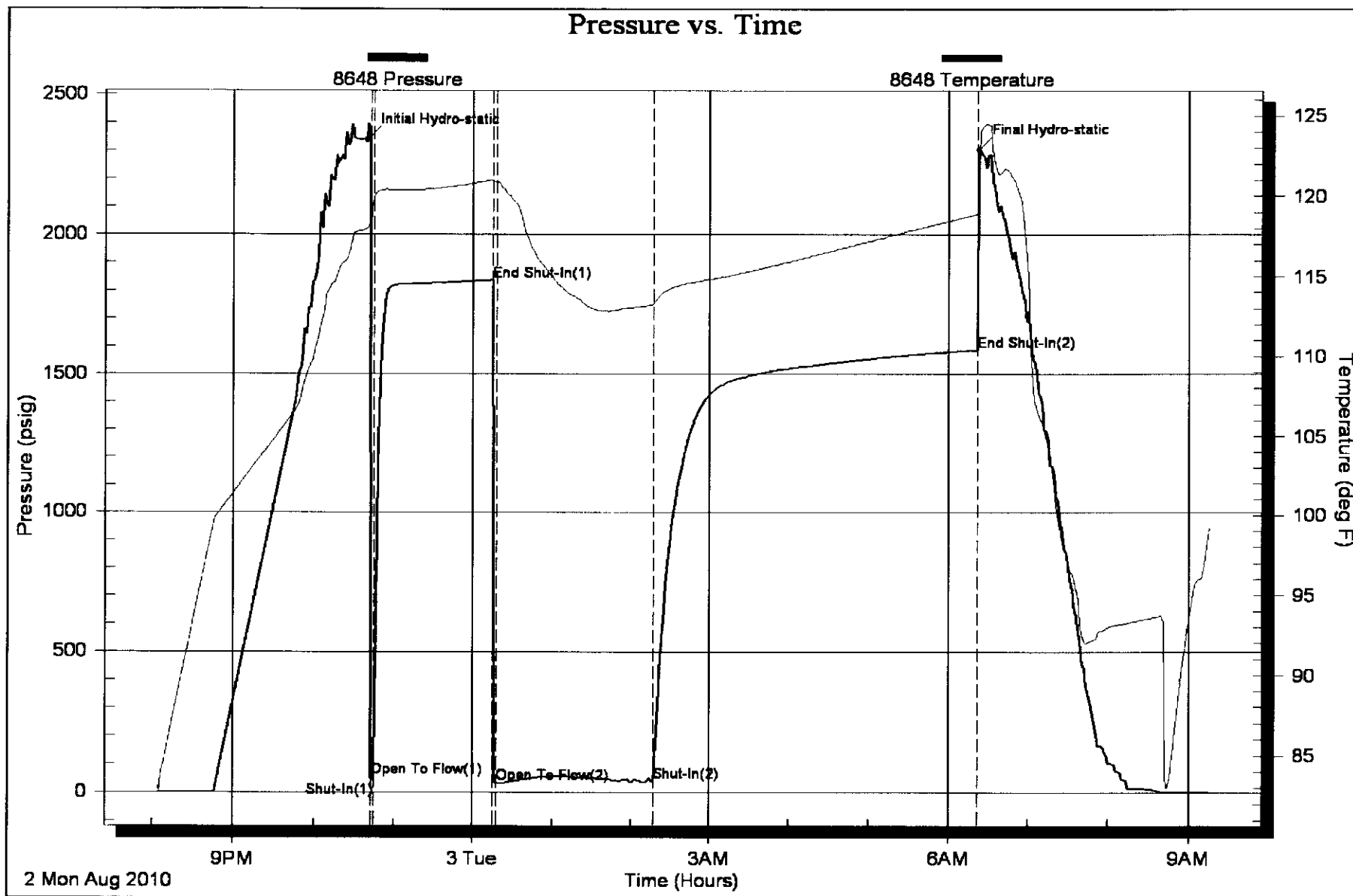
Test Start: 2010.08.02 @ 20:04:00

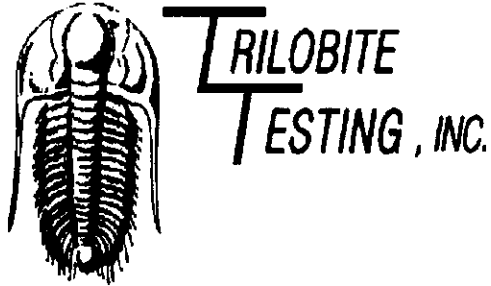
Gas Rates Information

Temperature: 59 deg C
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m ³ /d)
2	10	0.25	11.00	40.30
2	10	0.25	11.00	40.30
2	20	0.25	20.00	54.57
2	30	0.25	23.00	59.33
2	40	0.25	24.00	60.92
2	50	0.25	23.00	59.33
2	60	0.25	22.00	57.75
2	70	0.25	20.00	54.57
2	80	0.25	17.00	49.81
2	90	0.25	14.00	45.05
2	100	0.25	11.00	40.30
2	110	0.25	8.00	35.54
2	120	0.25	5.00	30.78





DRILL STEM TEST REPORT

Prepared For: **Lotus Operating Company, LLC**

100 S. Main
Suite 420
Wichita, KS 67202-3737

ATTN: Tim Hellman

2-35s-12w-BARBER-KS

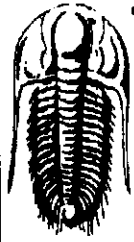
KOPPITZ #1

Start Date: 2010.08.04 @ 11:26:00

End Date: 2010.08.04 @ 21:42:00

Job Ticket #: 38779 DST #: 2

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Lotus Operating Company, LLC

KOPPITZ #1

100 S. Main
Suite 420
Wichita, KS 67202-3737
ATTN: Tim Hellman

2-35s-12w-BARBER-KS

Job Ticket: 38779 **DST#:2**

Test Start: 2010.08.04 @ 11:26:00

GENERAL INFORMATION:

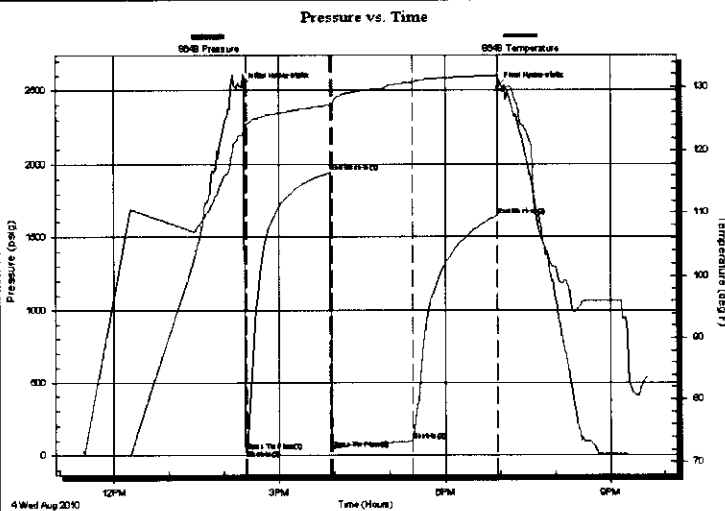
Formation: **MISENER SAND**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 14:23:50
 Time Test Ended: 21:42:00
 Interval: **5117.00 ft (KB) To 5137.00 ft (KB) (TVD)**
 Total Depth: 5137.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole
 Tester: Jake Fahrenbruch
 Unit No: 43
 Reference Elevations: 1396.00 ft (KB)
 1384.00 ft (CF)
 KB to GRVCF: 12.00 ft

Serial #: 8648

Inside

Press@RunDepth: 96.06 psig @ 5118.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2010.08.04 End Date: 2010.08.04 Last Calib.: 2010.08.04
 Start Time: 11:26:05 End Time: 21:42:00 Time On Btm: 2010.08.04 @ 14:20:00
 Time Off Btm: 2010.08.04 @ 18:57:30

TEST COMMENT: IF: Strong blow, BOB 20 seconds.
 IS: Bled off, no blow back.
 FF: Strong blow, BOB 10 seconds.
 FSI: Bled off, weak surface blow back.



PRESSURE SUMMARY

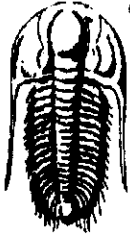
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2525.47	122.43	Initial Hydro-static
4	31.46	124.10	Open To Flow (1)
6	36.66	124.24	Shut-In(1)
96	1944.43	127.19	End Shut-In(1)
98	41.92	127.24	Open To Flow (2)
186	96.06	130.76	Shut-In(2)
277	1645.59	131.82	End Shut-In(2)
278	2520.49	131.41	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	MCW 10%M 90%W	0.30
60.00	HGCW&OCM 20%G 15%W 20%O 45%M	0.30
60.00	HGCWOM 40%G 15%W 20%O 25%M	0.30
35.00	HGCWOM 20%G 8%W 32%O 40%M	0.49
0.00	66,000 ppm chlorides	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Lotus Operating Company, LLC

KOPPITZ #1

100 S. Main
Suite 420
Wichita, KS 67202-3737
ATTN: Tim Hellman

2-35s-12w-BARBER-KS

Job Ticket: 38779 **DST#:2**

Test Start: 2010.08.04 @ 11:26:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 45.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.58 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 5000.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	MCW 10%M 90%W	0.295
60.00	HGCW&OCM 20%G 15%W 20%O 45%M	0.295
60.00	HGCWOM 40%G 15%W 20%O 25%M	0.295
35.00	HGCWOM 20%G 8%W 32%O 40%M	0.491
0.00	66,000 ppm chlorides	0.000

Total Length: 215.00 ft Total Volume: 1.376 bbl

Num Fluid Samples: 0

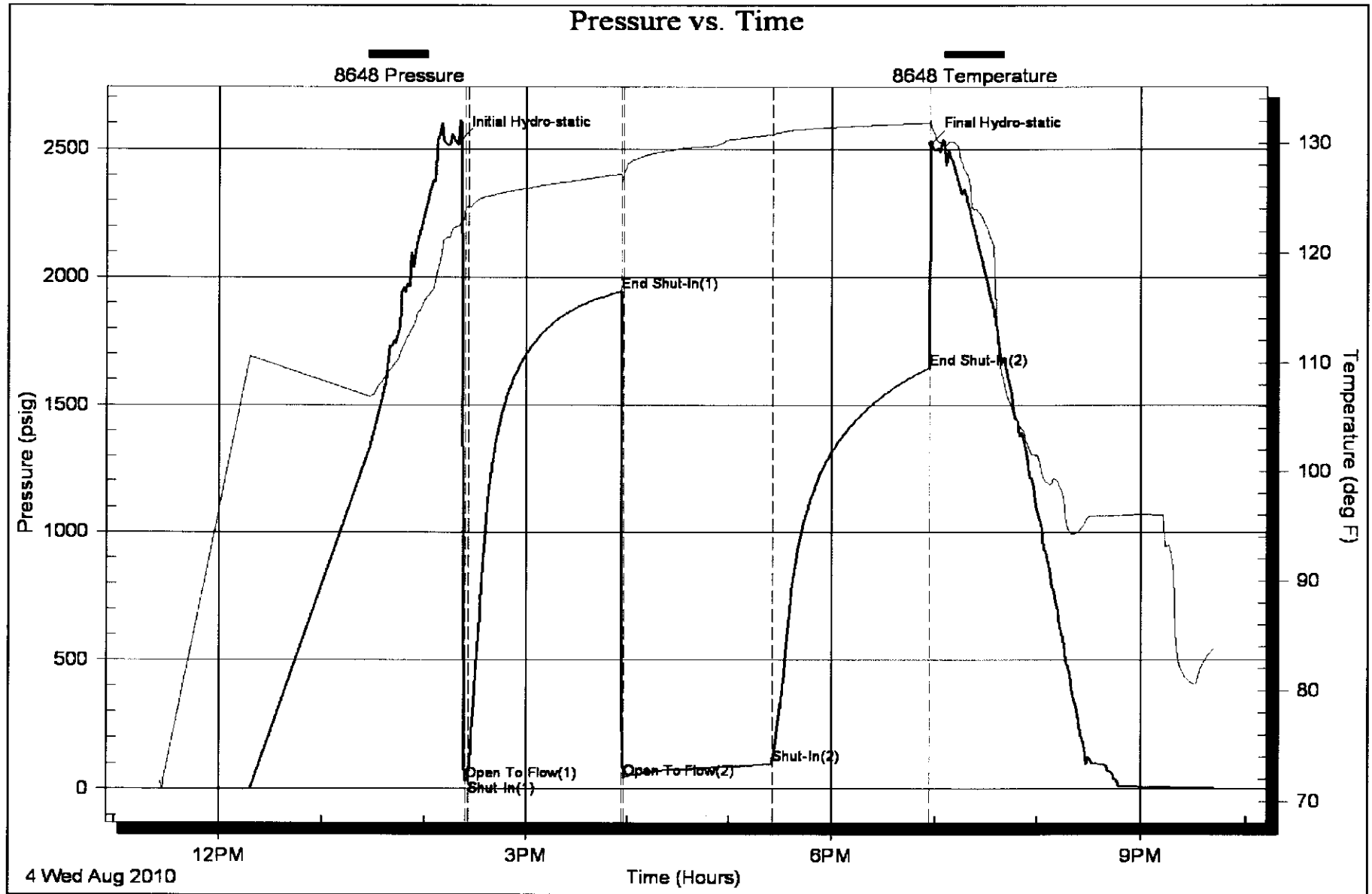
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





SUPERIOR
Hays,
Kansas

DUAL
INDUCTION
LOG

LOTUS OPERATING CO., LLC.

Company

Well KOPPITZ #1
 Field STRANATHAN
 County BARBER
 State KANSAS

Company LOTUS OPERATING COMPANY, LLC
 Well KOPPITZ #1
 Field STRANATHAN
 County BARBER State KANSAS

Location: API #: 15-007-23565-0000
 900' FNL & 600' FWL
 SEC 2 TWP 35S RGE 12W
 Other Services
 CDL/CNL/PE
 MEL/SON
 Elevation
 Permanent Datum GROUND LEVEL Elevation 1391
 Log Measured From KELLY BUSHING 13' A.G.L. K.B. 1404
 Drilling Measured From KELLY BUSHING D.F. 1402
 G.L. 1391

Date	8-5-10	
Run Number	ONE	
Depth Driller	5200	
Depth Logger	5203	
Bottom Logged Interval	5201	
Depth Log Interval	0	
casing Driller	10 3/4" @ 260'	
casing Logger	260	
Bit Size	7 7/8	
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 5000 PPM
Gravity / Viscosity	9.4/46	
Flow / Fluid Loss	10.0/10.4	
Source of Sample	FLOWLINE	
Depth @ Meas. Temp	.70 @ 97F	
Depth @ Meas. Temp	.52 @ 97	
Depth @ Meas. Temp	.84 @ 97F	
Source of Rmf / Rmc	MEASURED	
Depth @ BHT	.53 @ 126F	
Time Circulation Stopped	2 HOURS	
Time Logger on Bottom		
Maximum Recorded Temperature	126F	
Equipment Number	680	
Location	HAYS, KS.	
Recorded By	JASON CAPPELLUCCI	
Witnessed 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 (785) 628-6395
 DIRECTIONS
 MEDICINE LODGE KS. - S. TO MM 8 (RATTLESNAKE TRAIL) - 1 W. - 1 S.
 1 W. - S. INTO



SUPERIOR
Hays,

MAIN SECTION

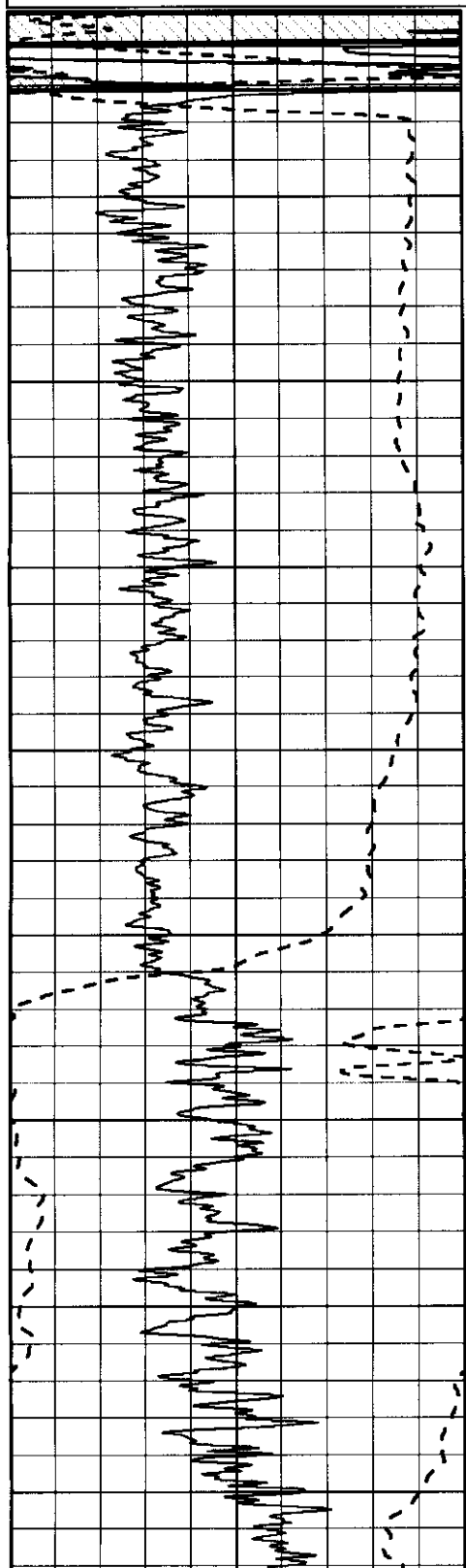
Database File: 005422pe.db
 Dataset Pathname: pass3.2
 Presentation Format: _dil2
 Dataset Creation: Thu Aug 05 12:44:50 2010 by Calc Open-Cased 090629
 Charted by: Depth in Feet scaled 1:600

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

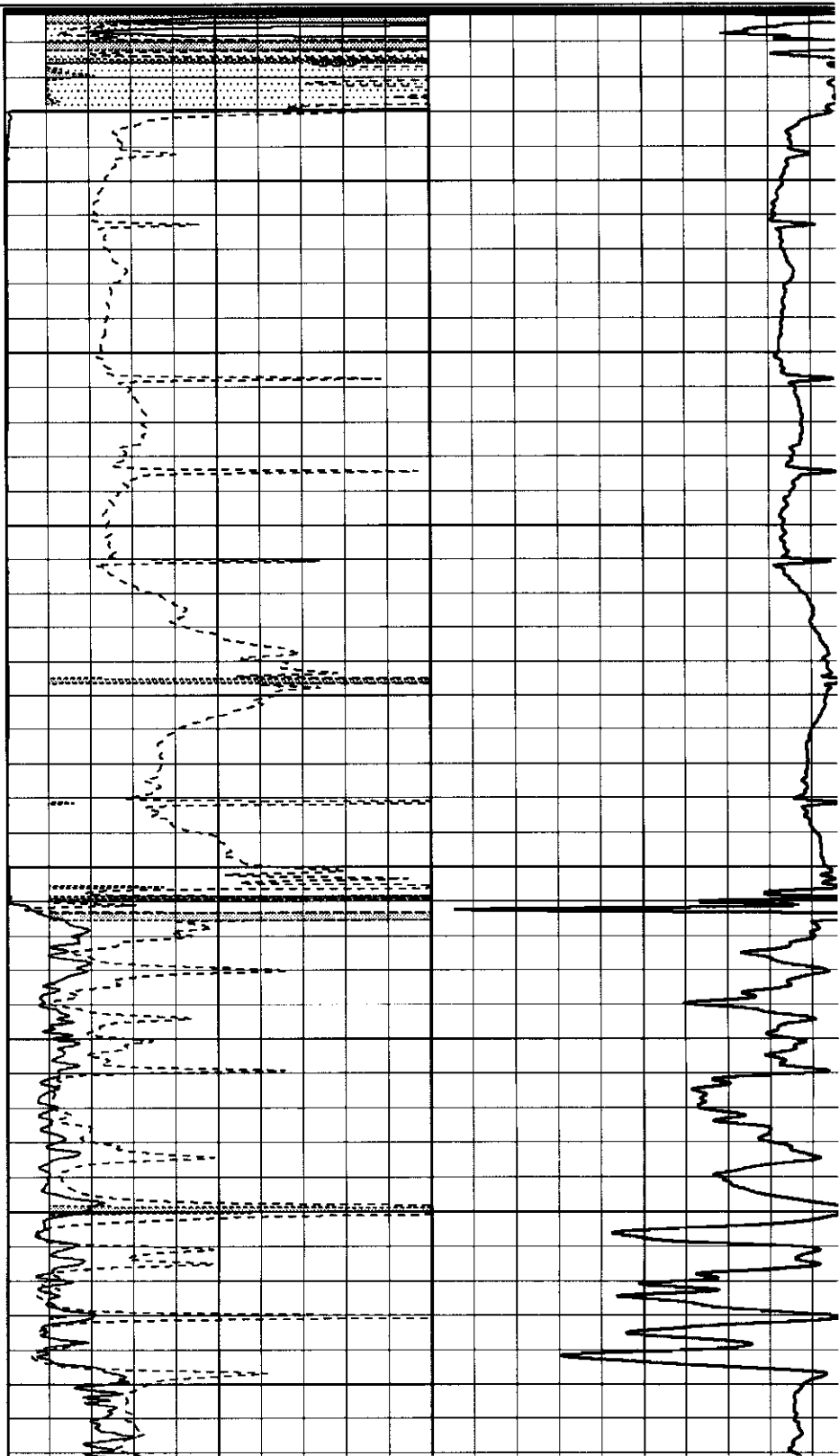
0	RLL3 (Ohm-m)	50
0	Deep Induction (Ohm-m)	50

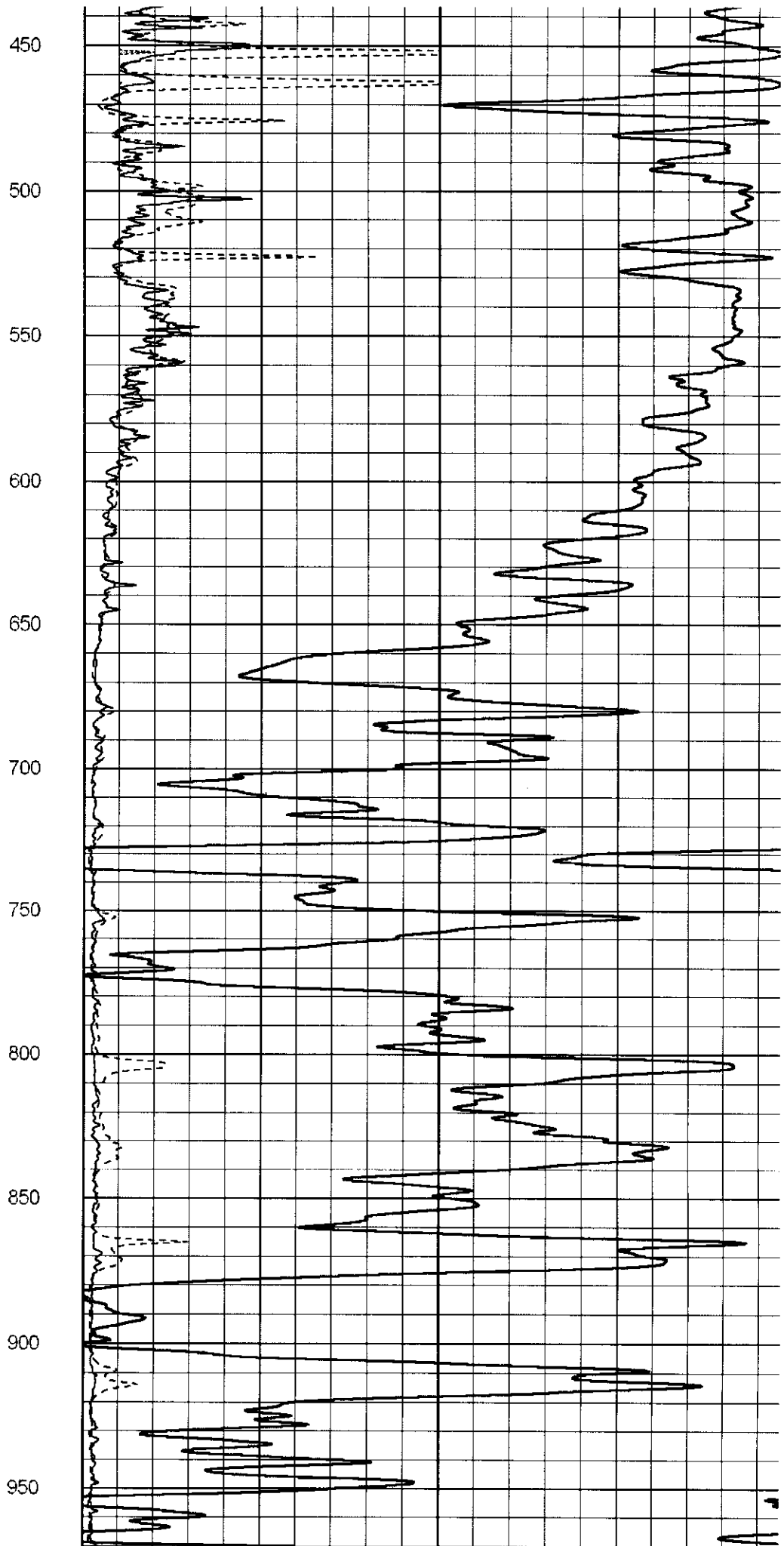
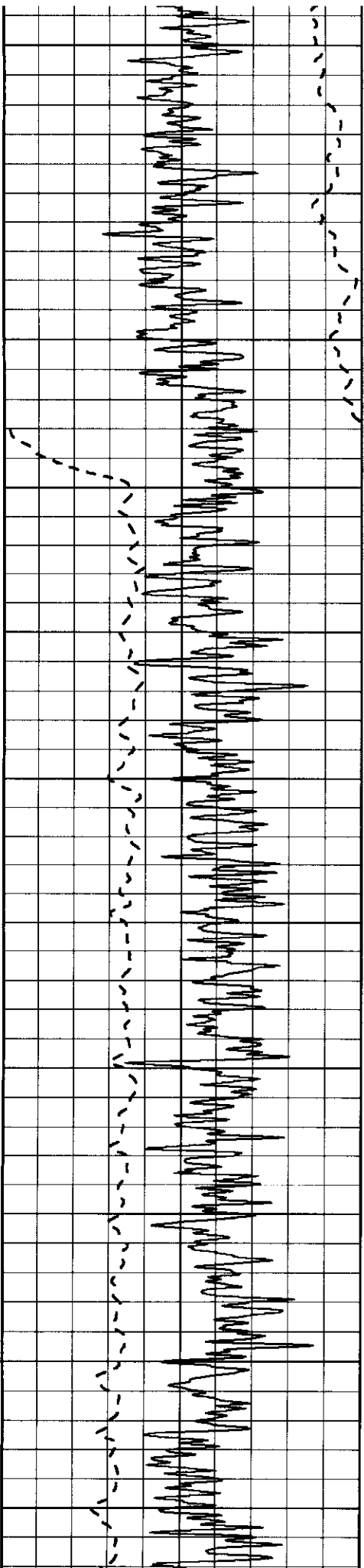
1000 CILD (mmho/m)

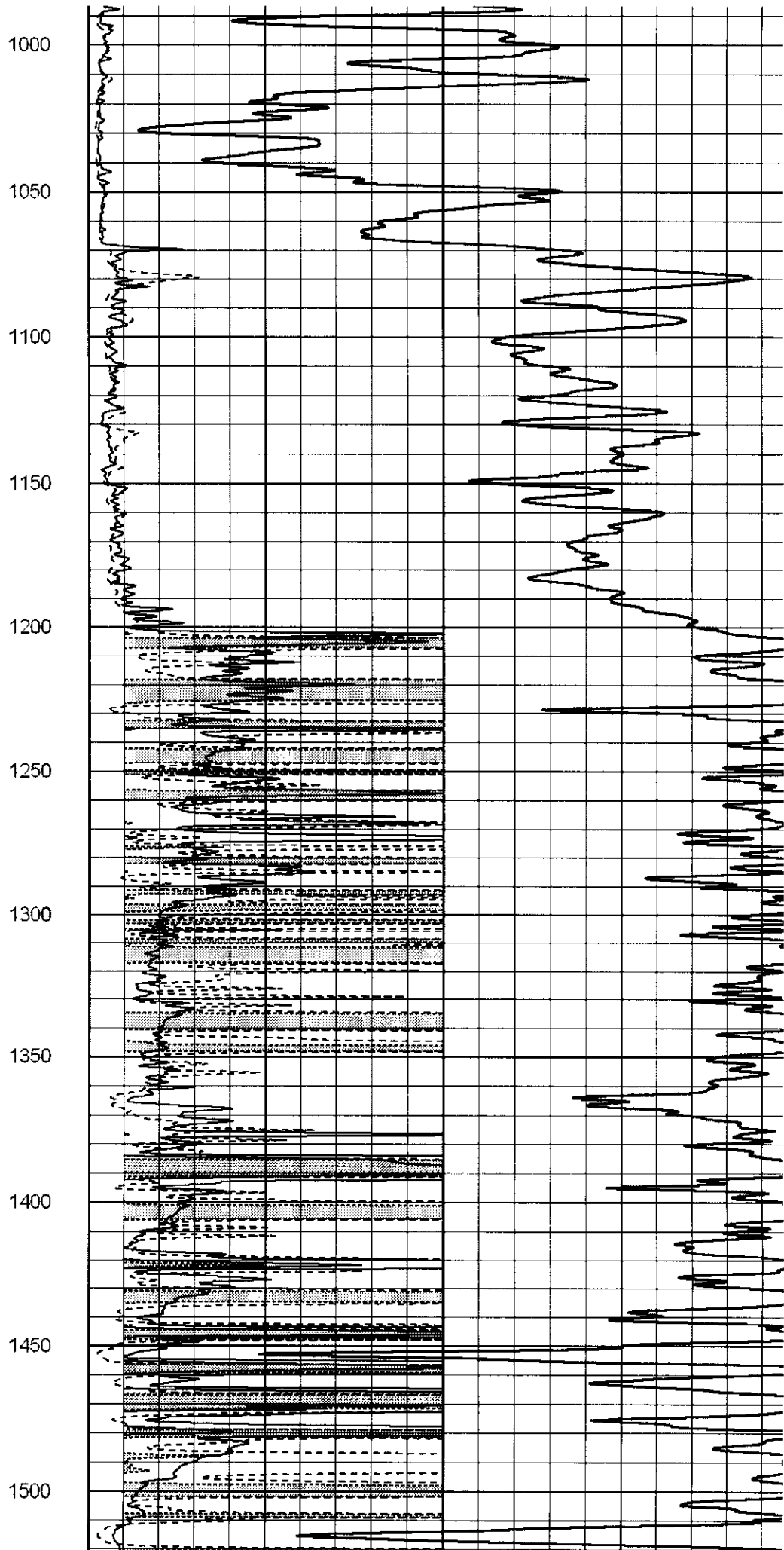
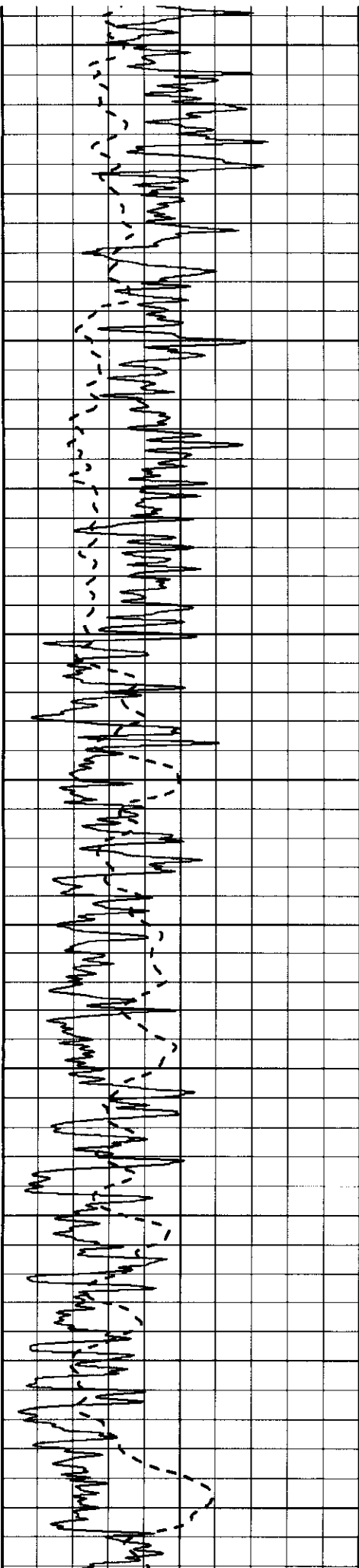
50	RILD X10 (Ohm-m)	500
50	RLL3 X10 (Ohm-m)	500

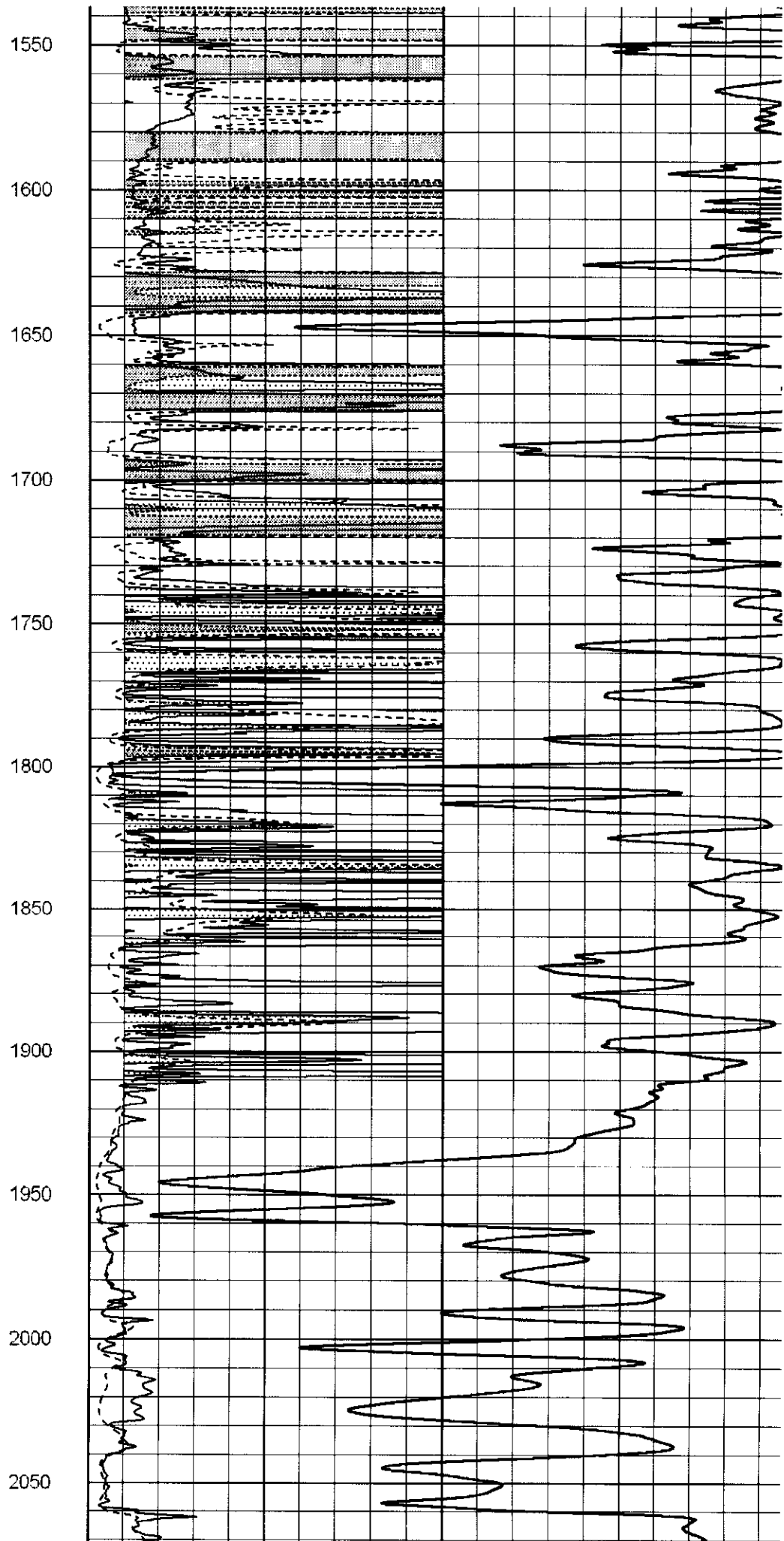
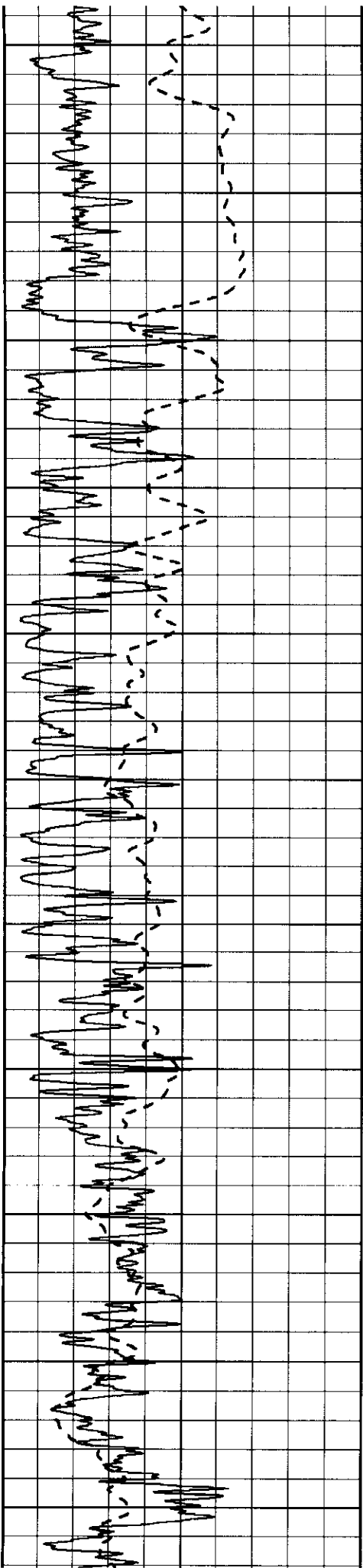


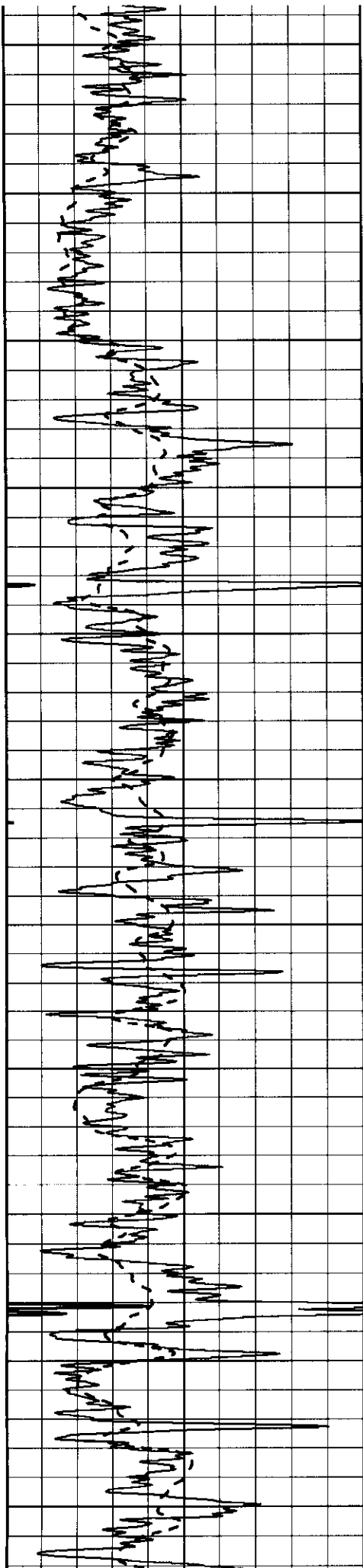
0
50
100
150
200
250
300
350
400











2100

2150

2200

2250

2300

2350

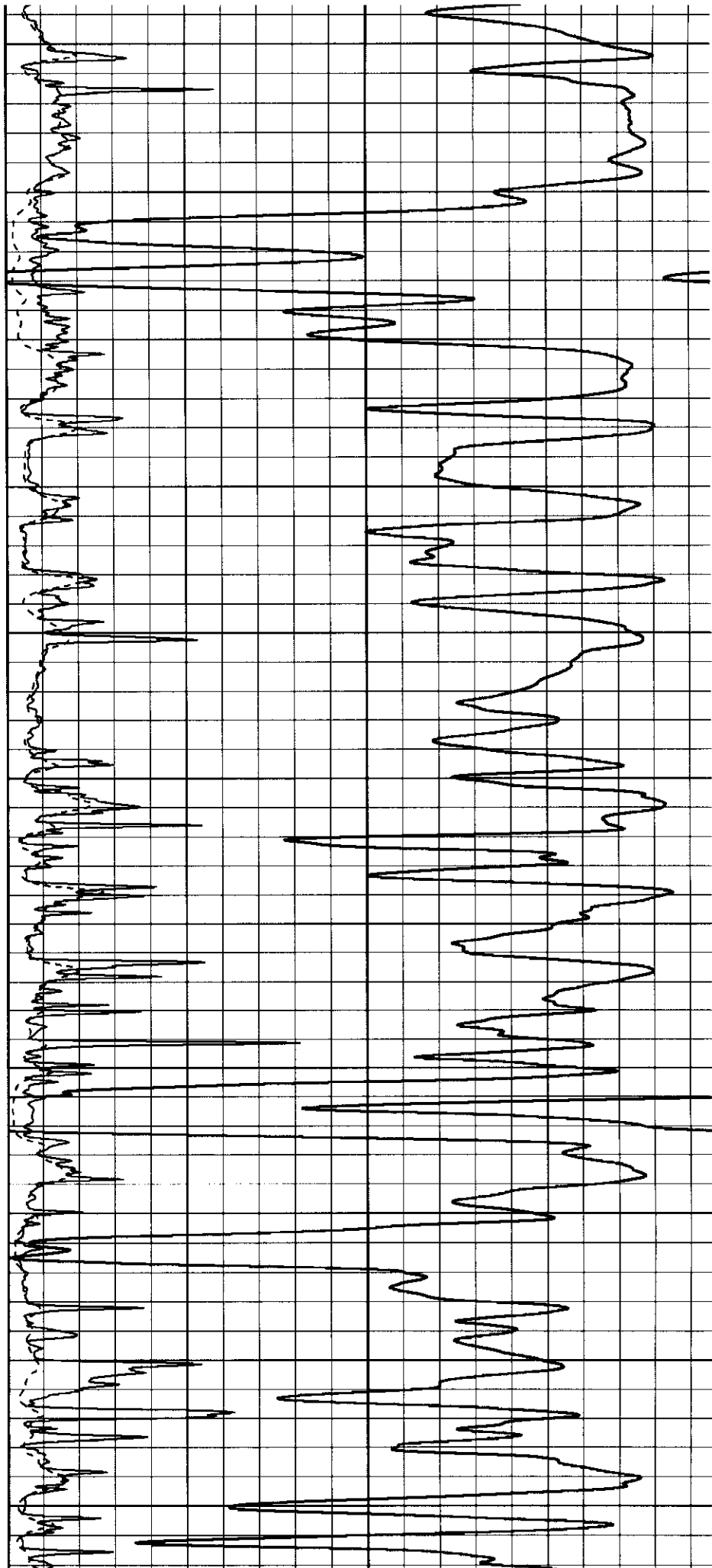
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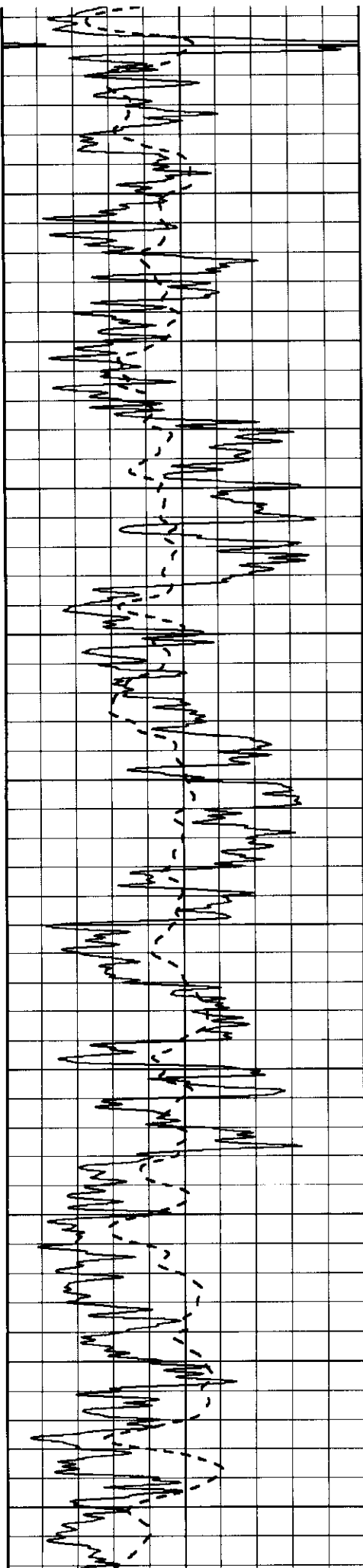
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2500

2550

2600





2650

2700

2750

2800

2850

2900

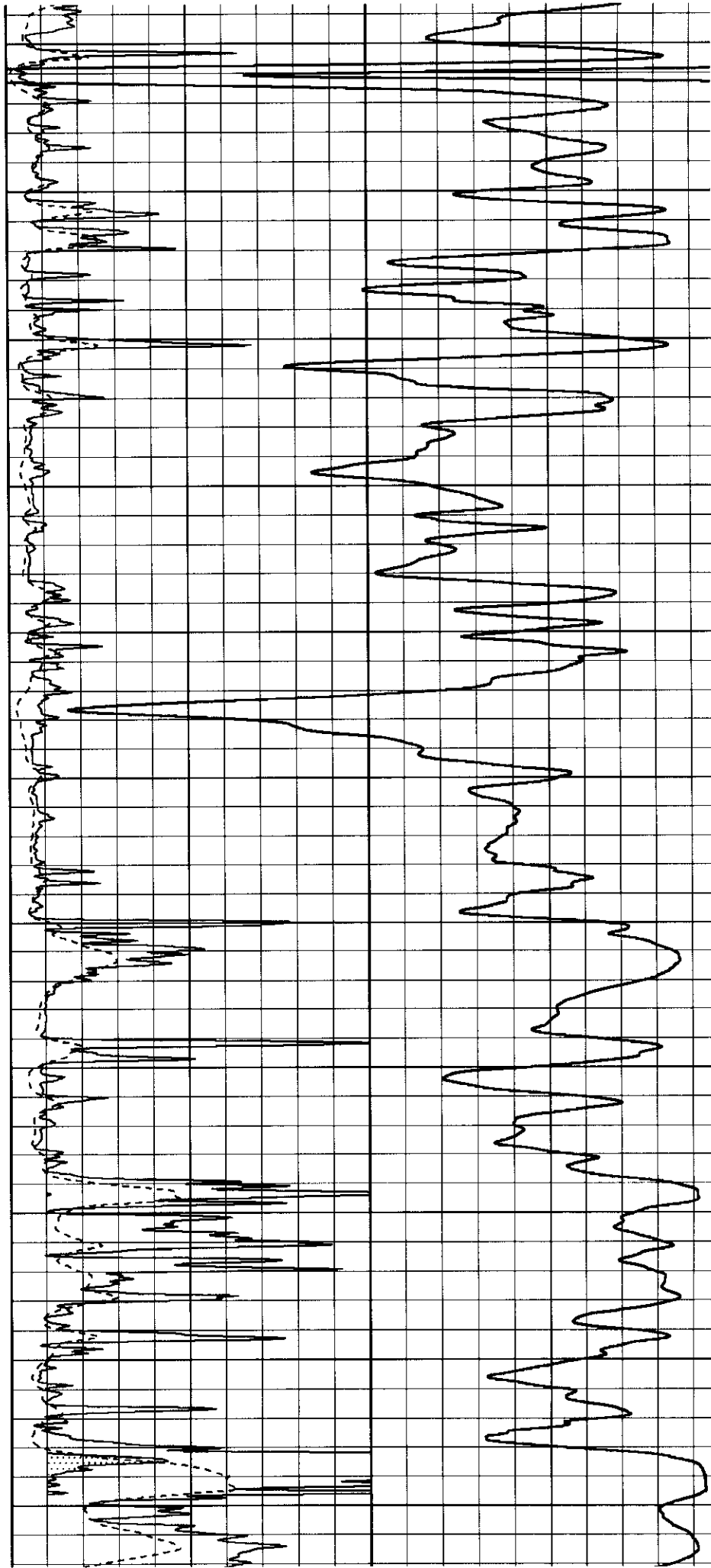
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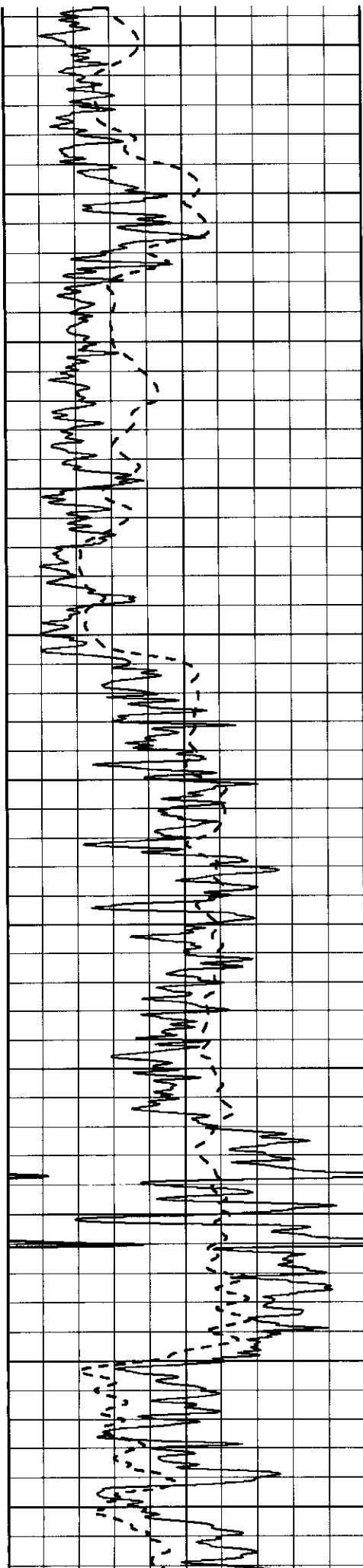
3000

3050

3100

3150





3200

3250

3300

3350

3400

3450

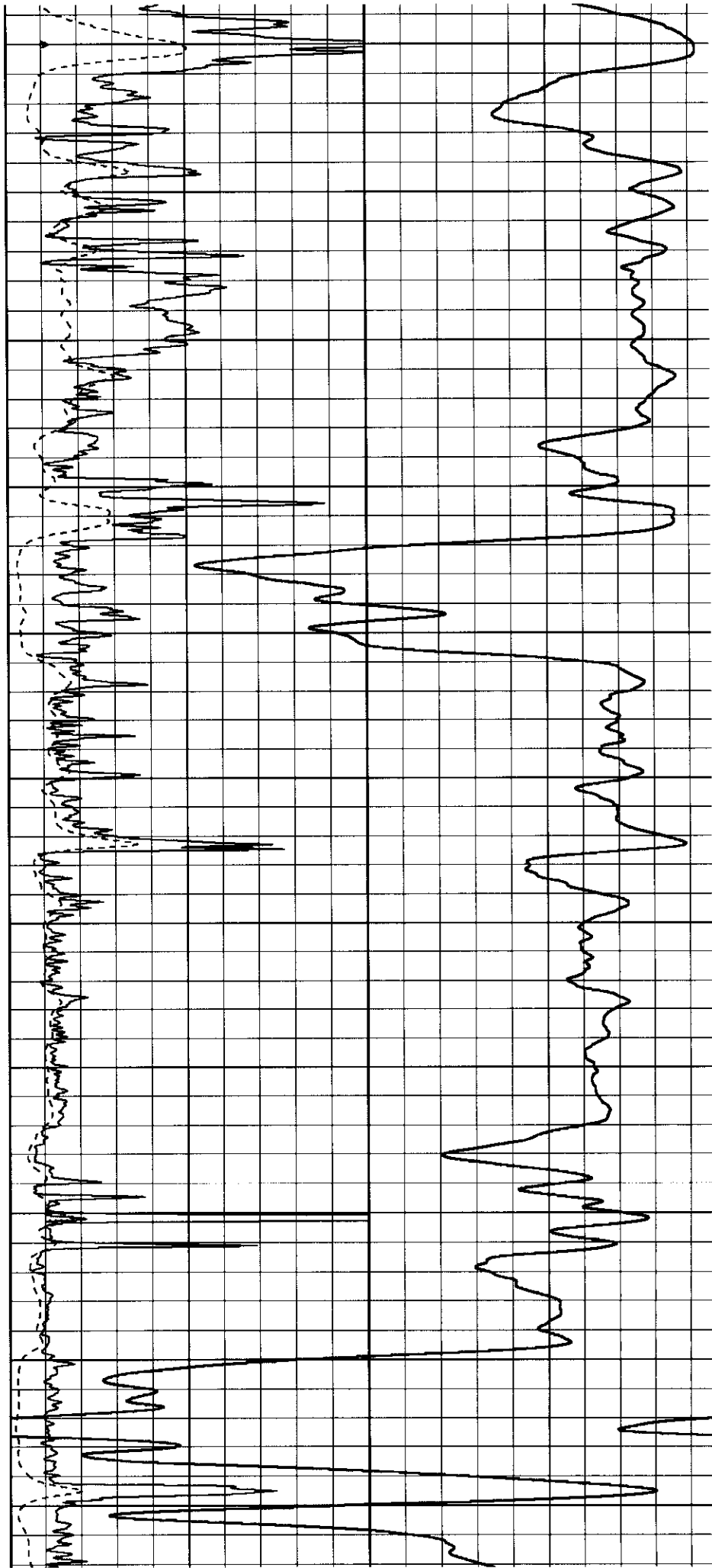
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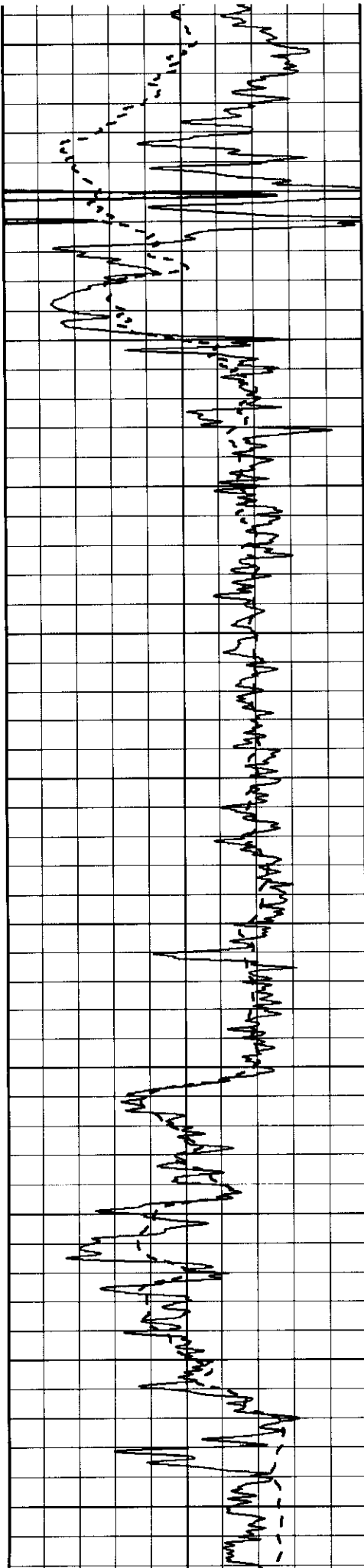
3550

3600

3650

3700





3750

3800

3850

3900

3950

4000

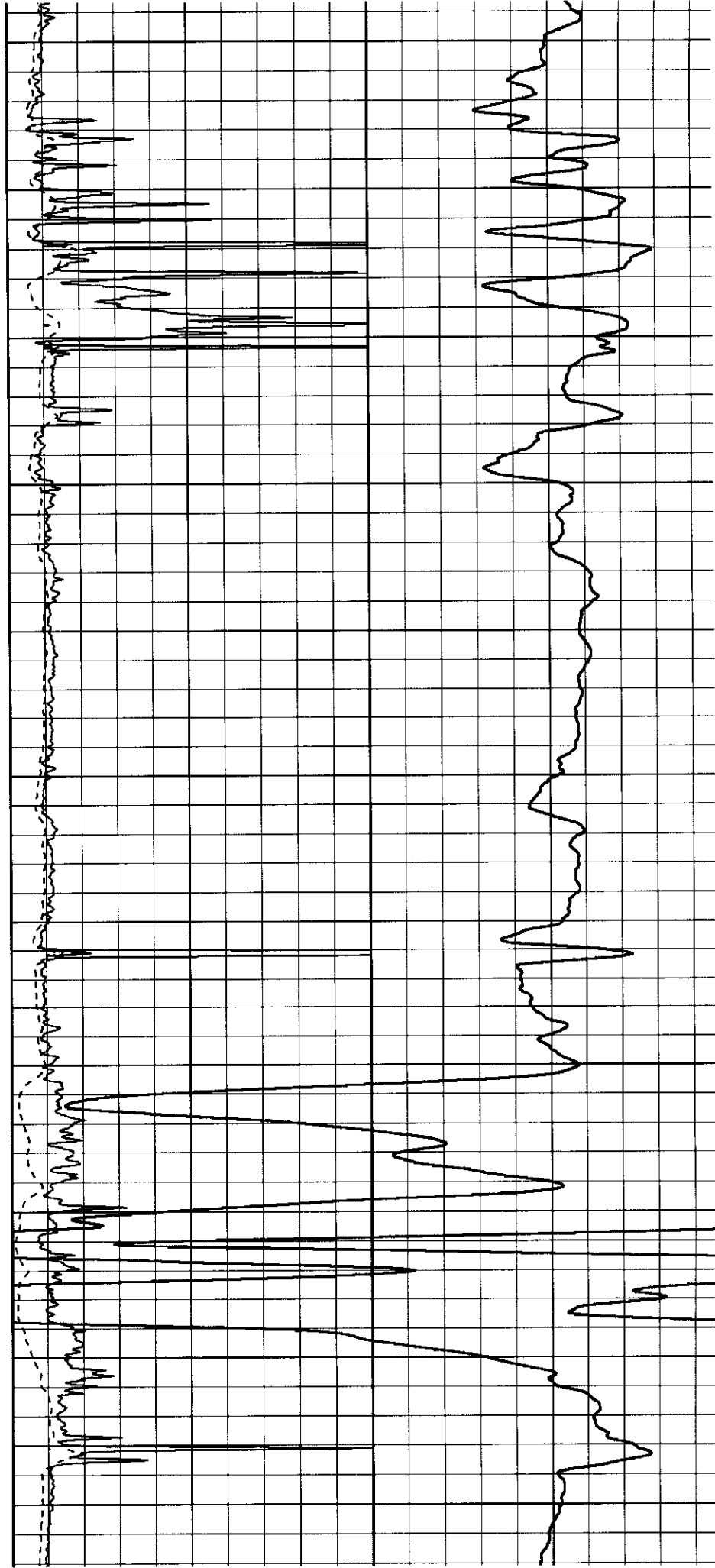
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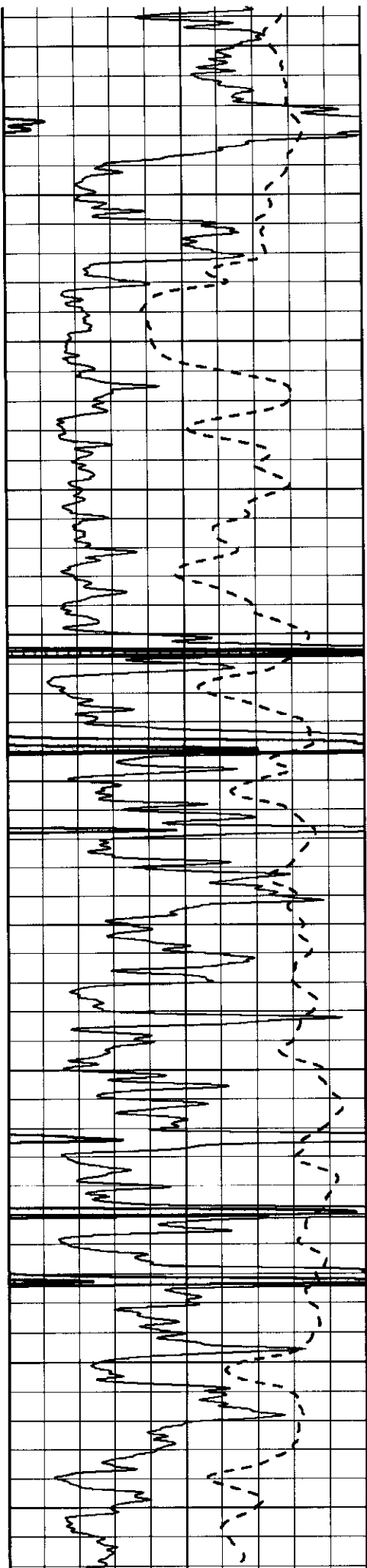
4100

4150

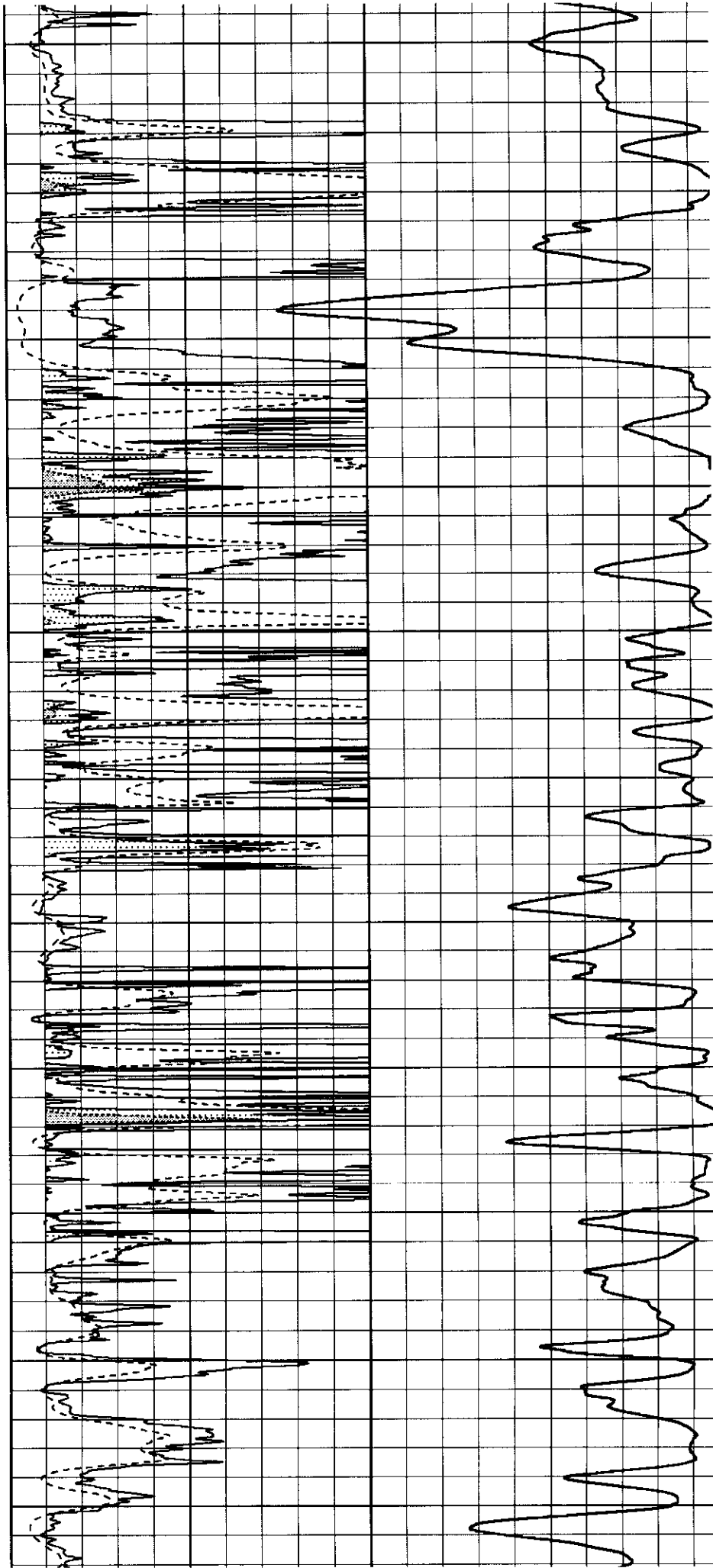
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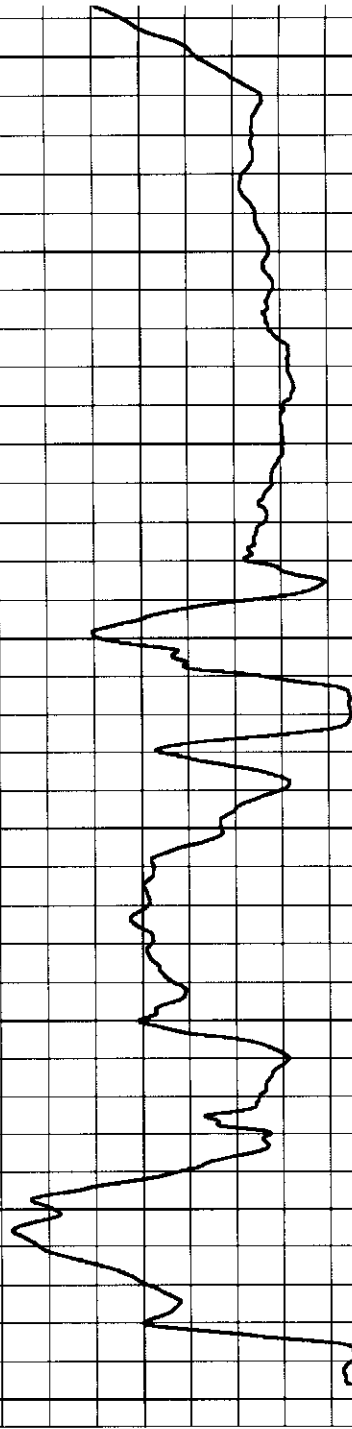
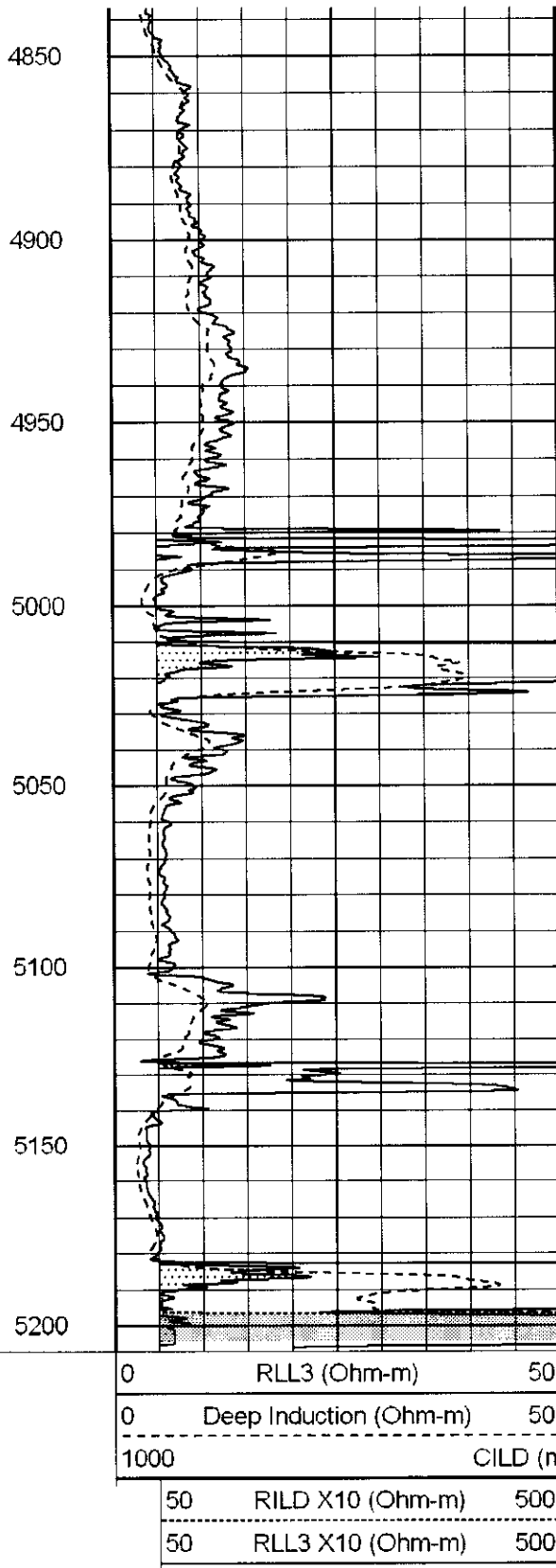
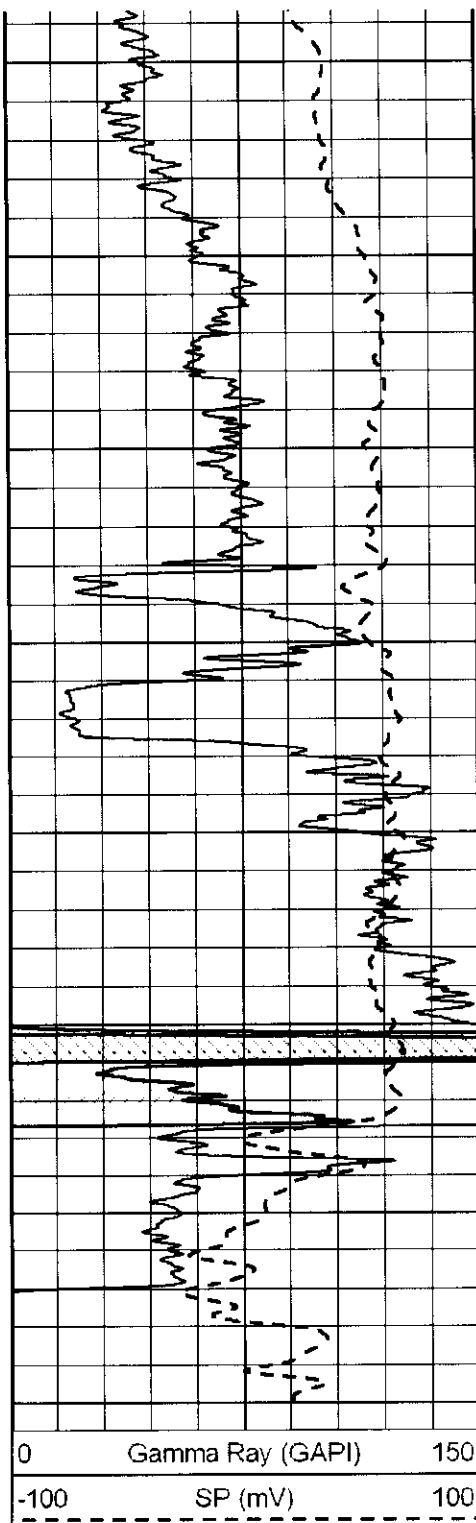
4250





4300
4350
4400
4450
4500
4550
4600
4650
4700
4750
4800





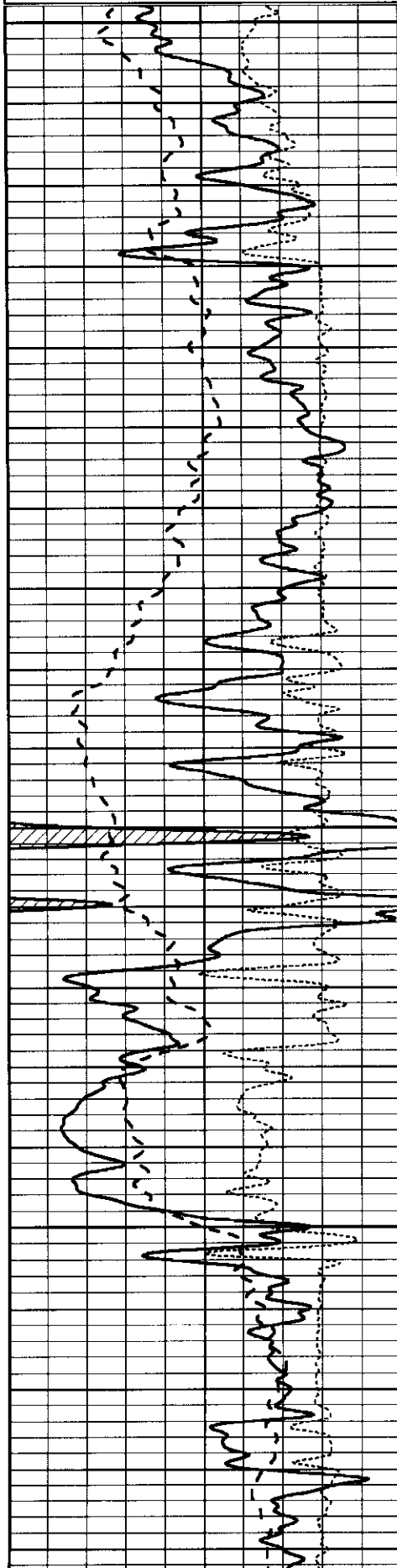
SUPERIOR
 Hays,
 Kansas

MAIN SECTION

Database File: 005422pe.db
 Dataset Pathname: pass3.1
 Presentation Format: dil
 Dataset Creation: Thu Aug 05 11:54:17 2010 by Calc Open-Cased 090629

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

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

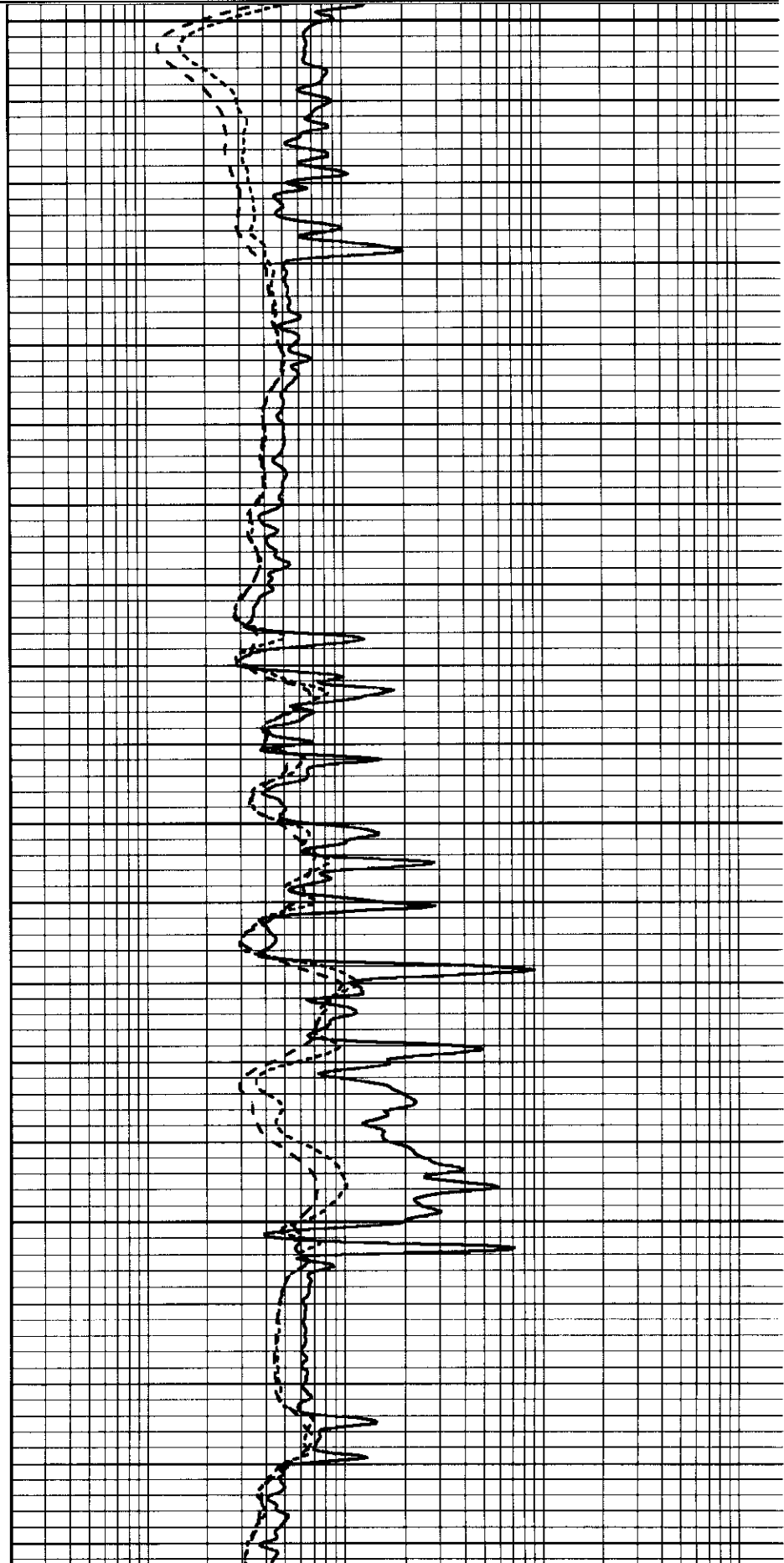


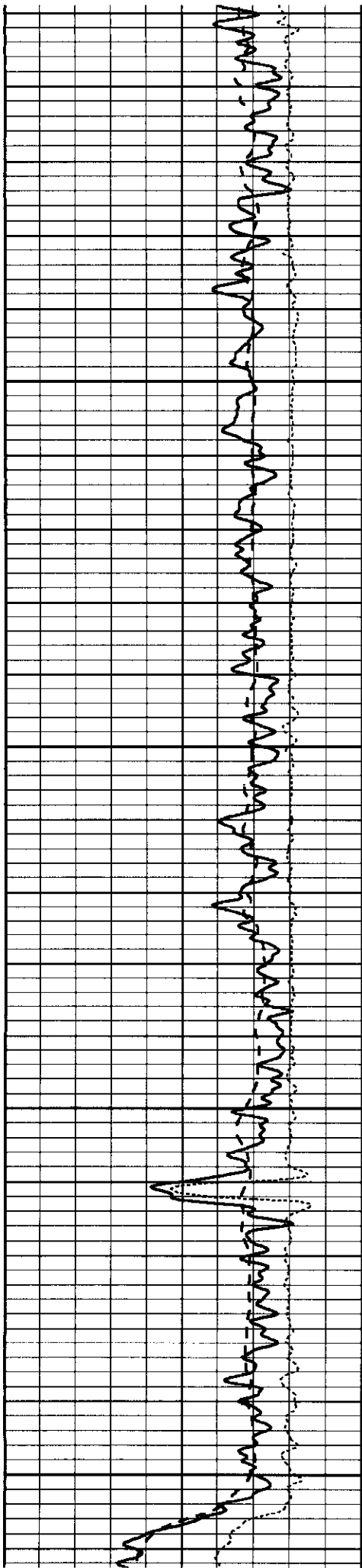
3700

3750

3800

3850





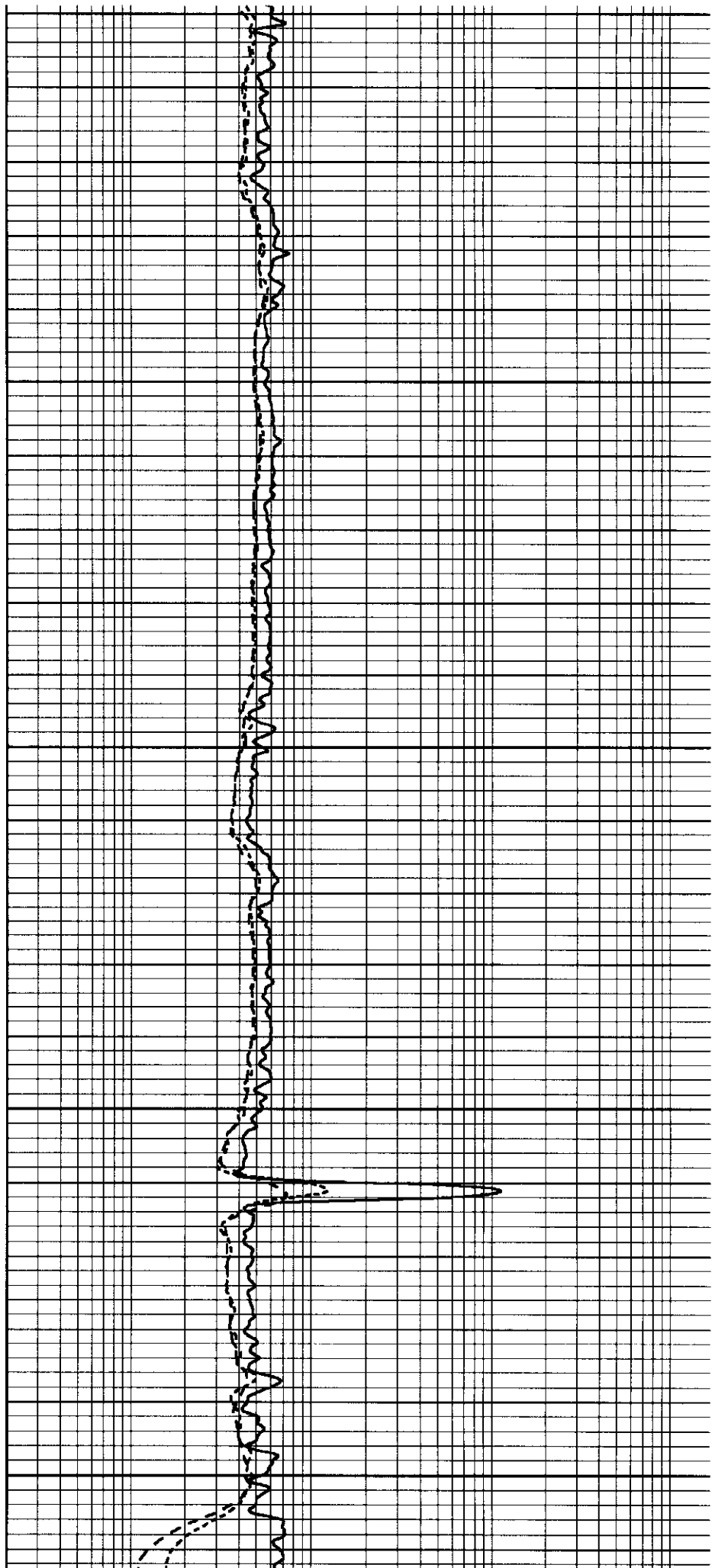
3900

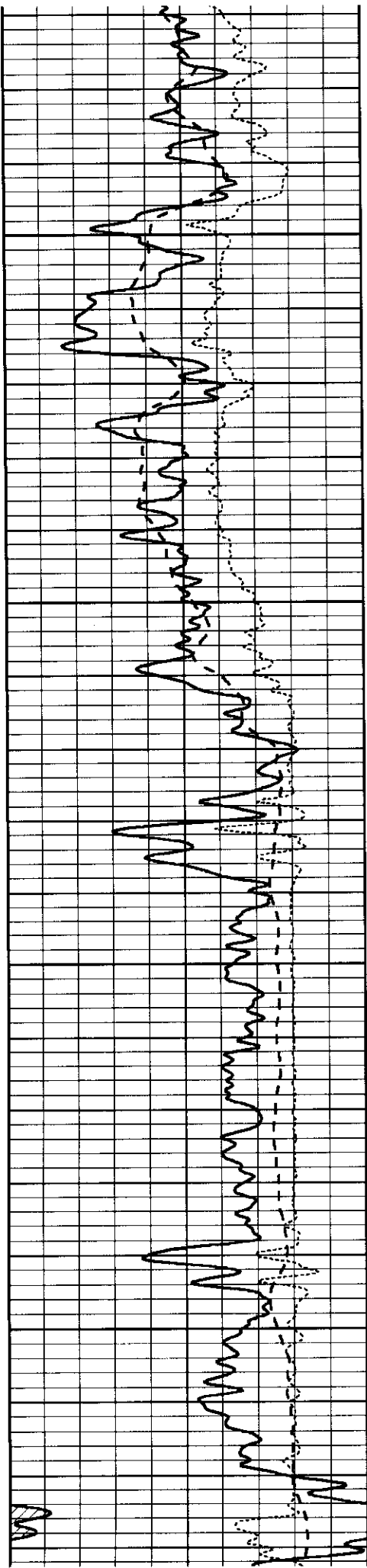
3950

4000

4050

4100



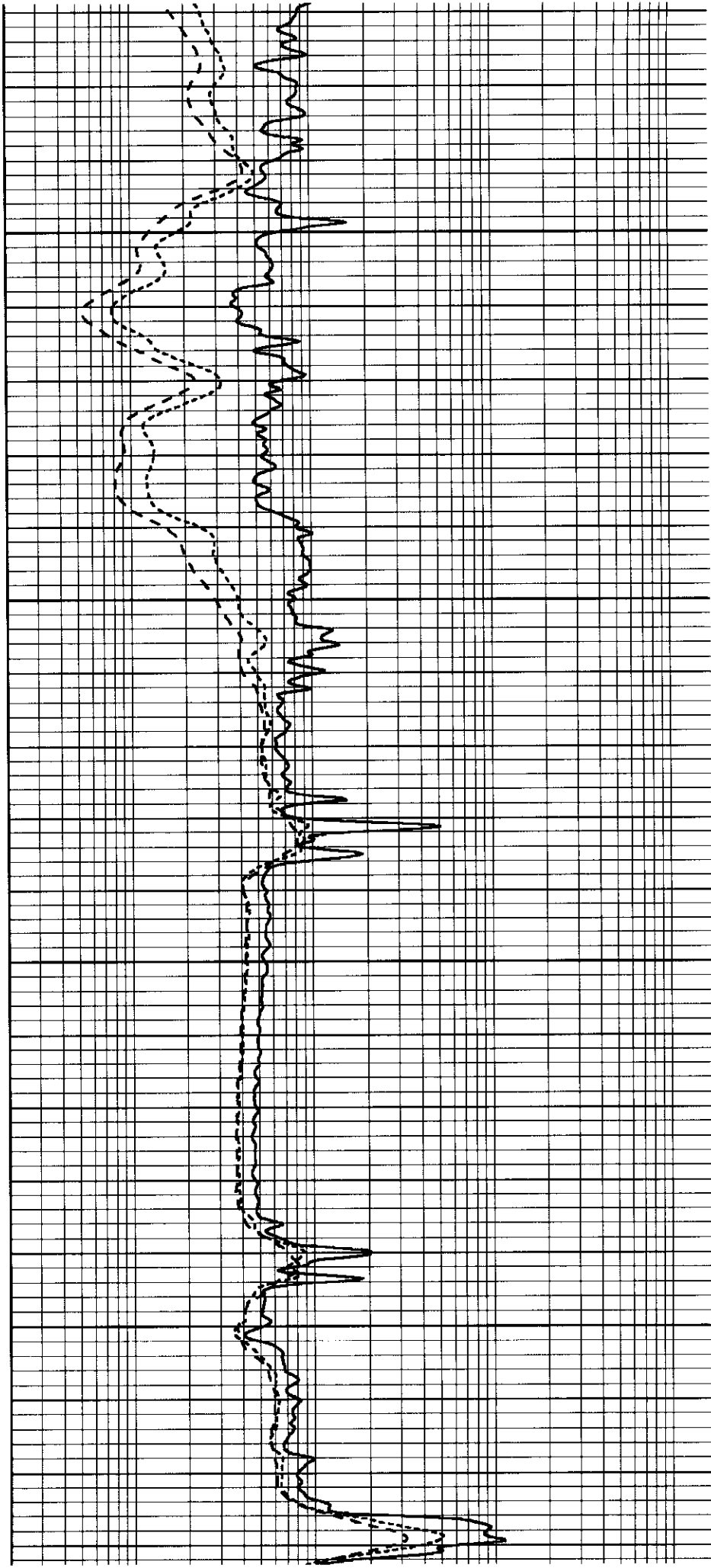


4150

4200

4250

4300

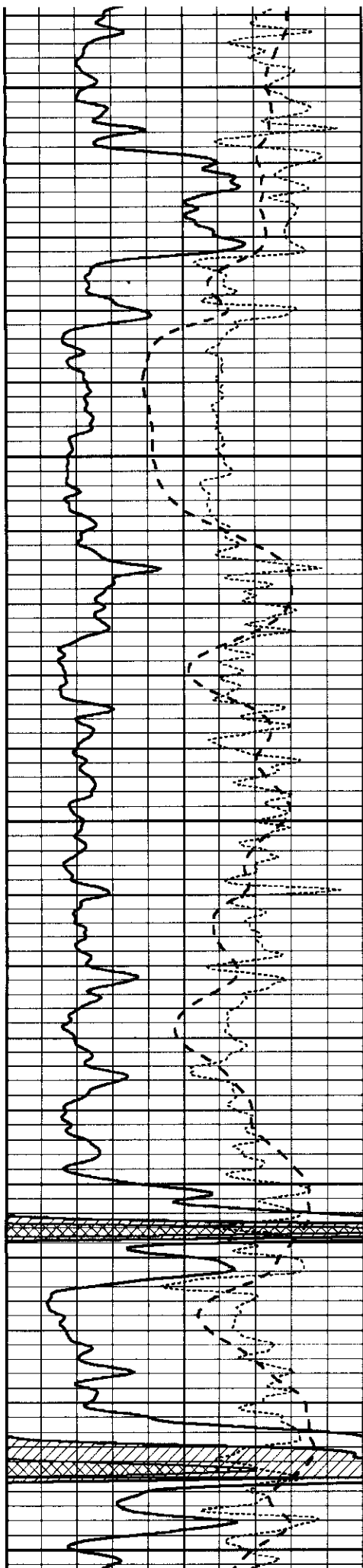


4150

4200

4250

4300



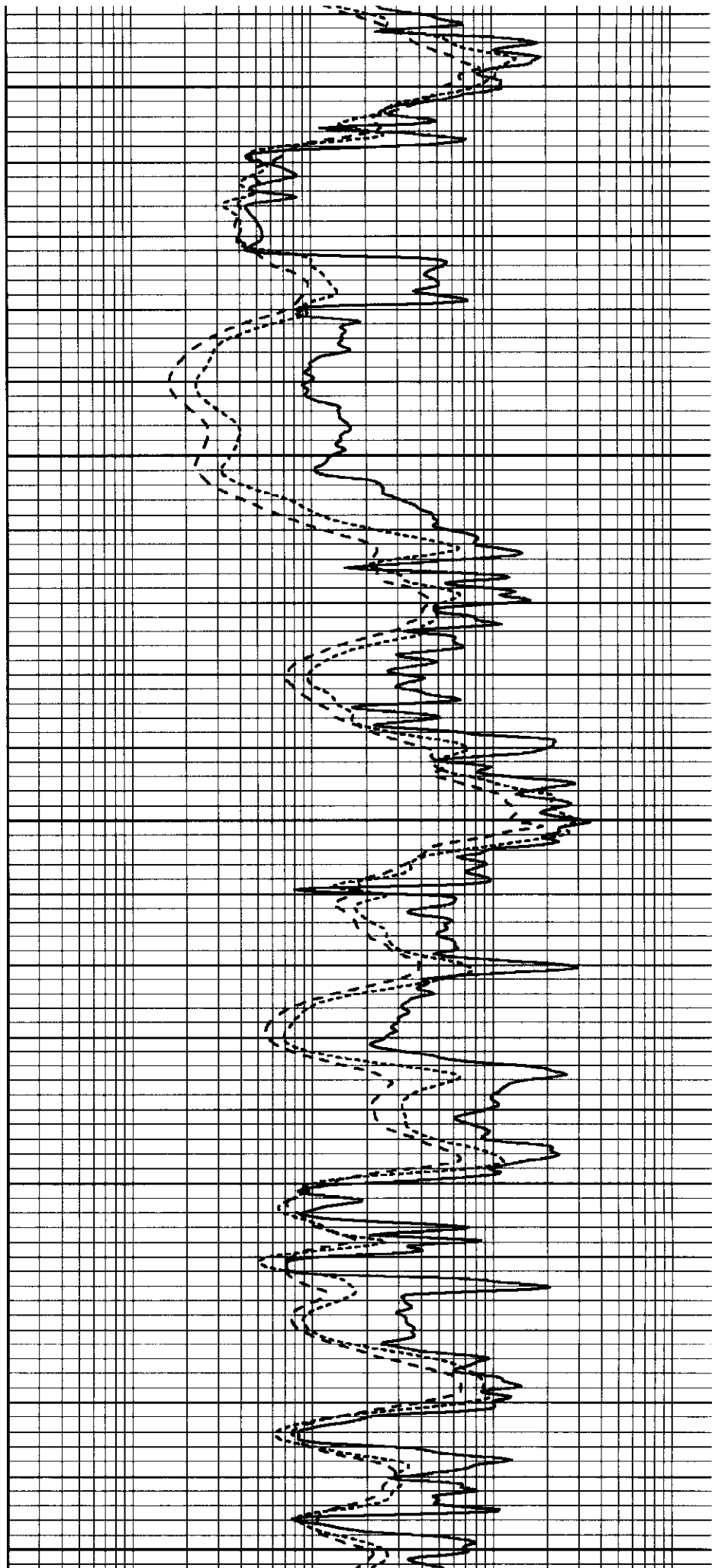
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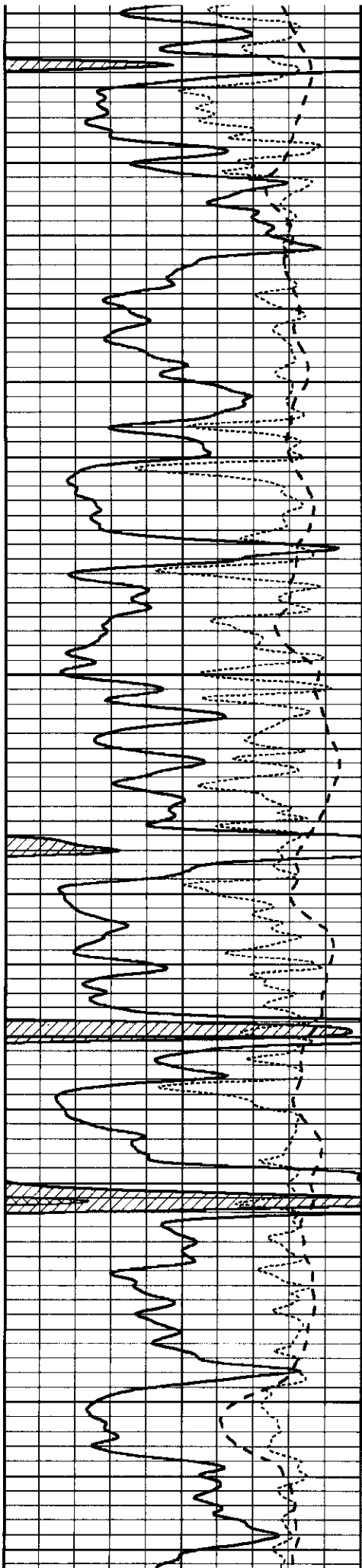
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4450

4500

4550



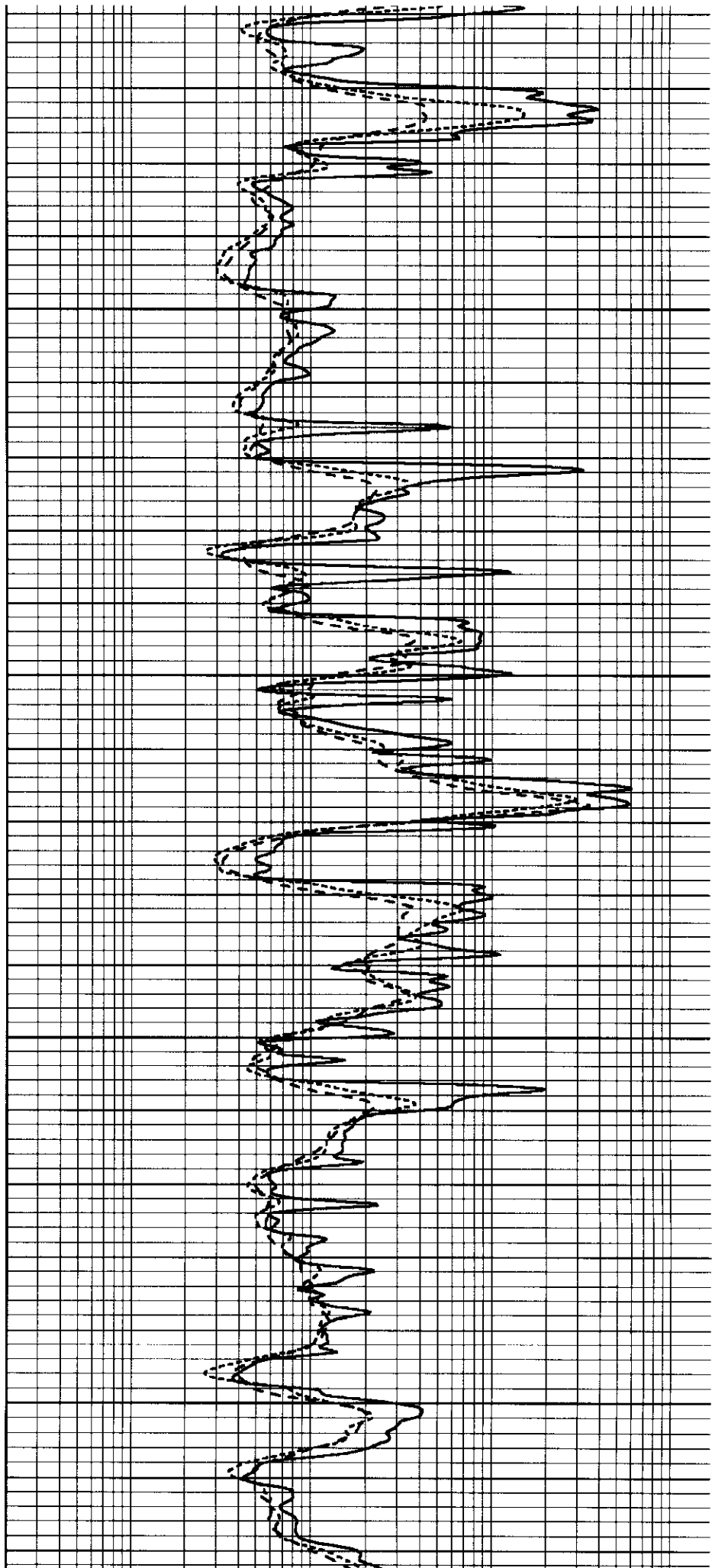


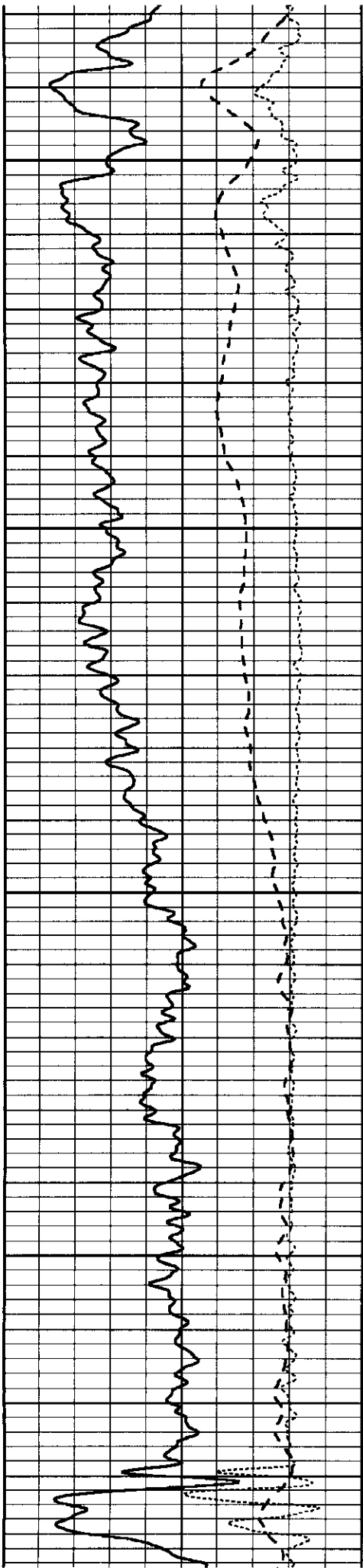
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4650

4700

4750



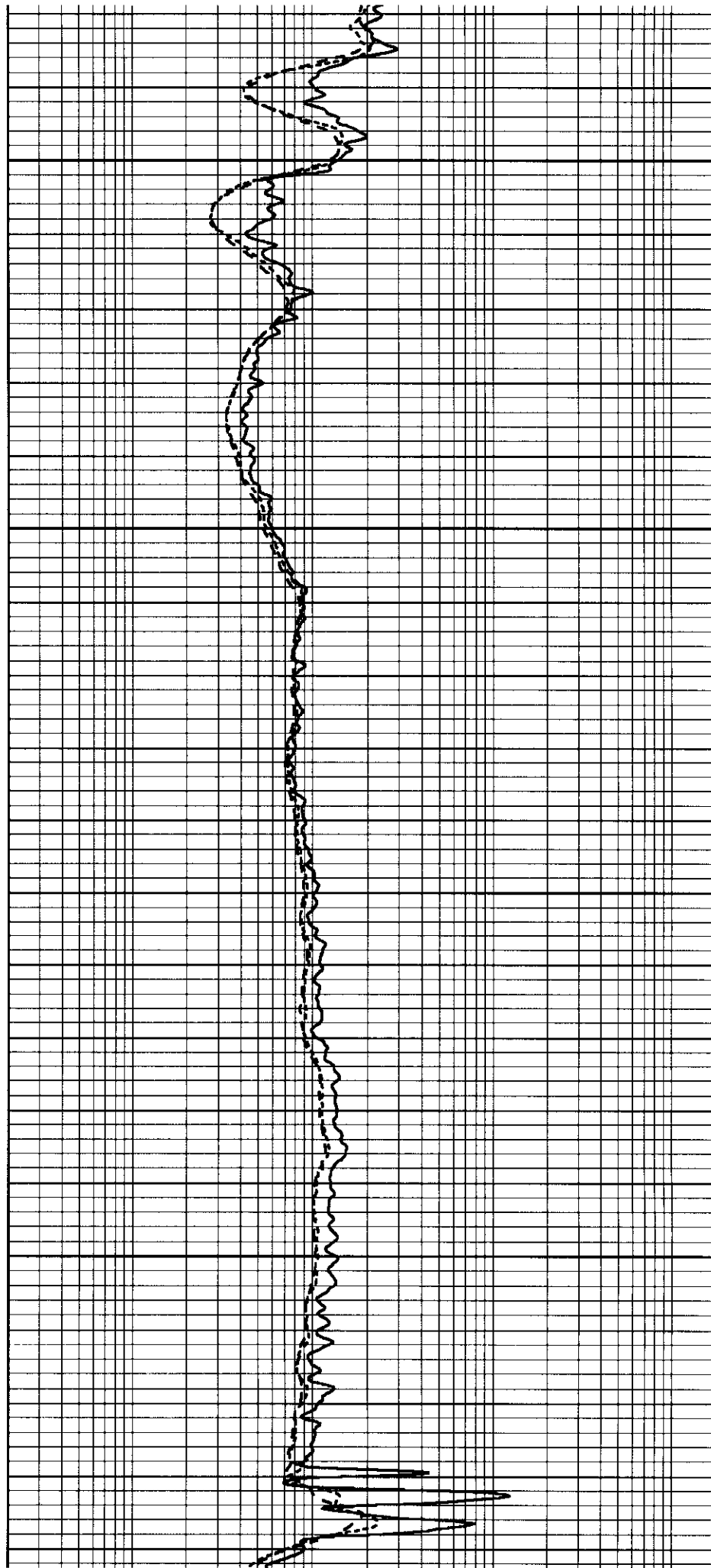


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4850

4900

4950

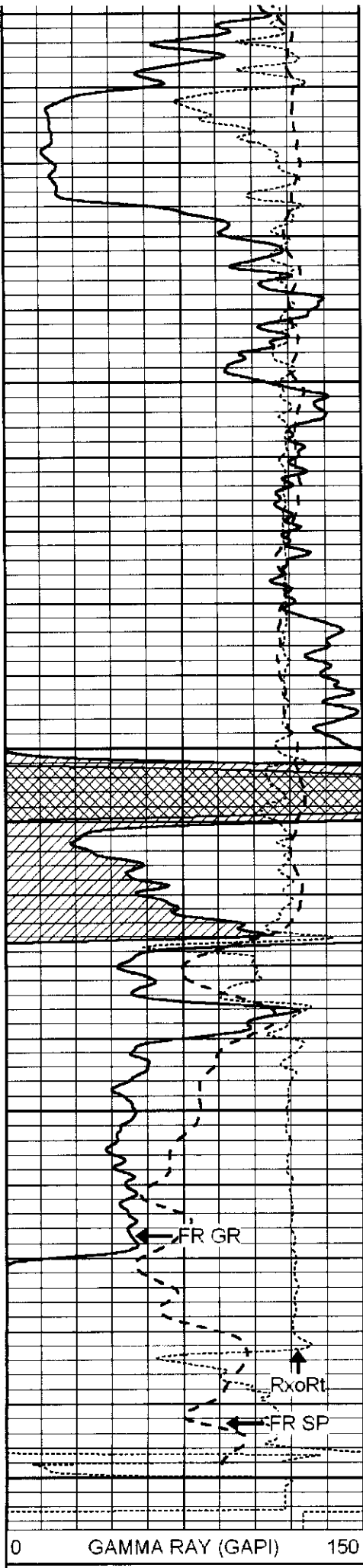


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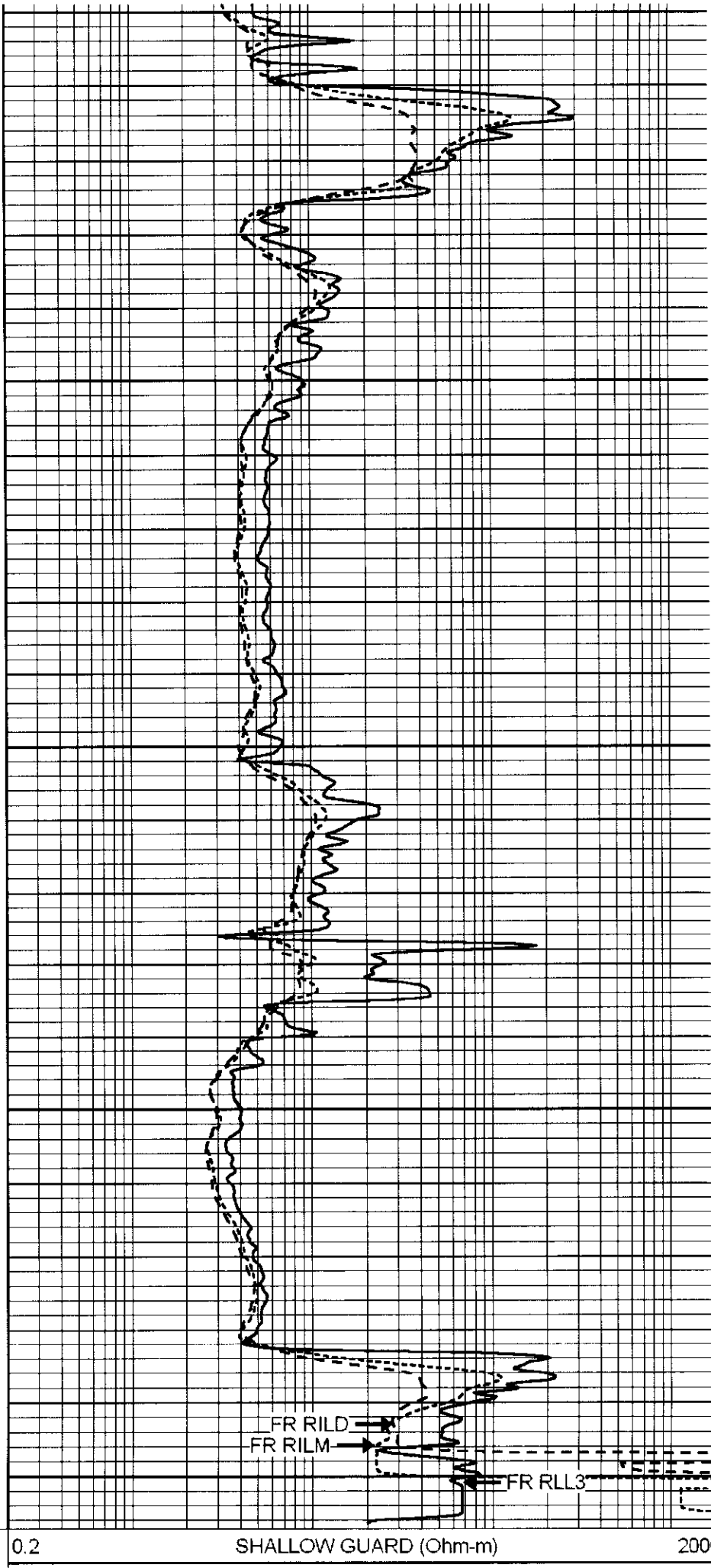
4850

4900

4950



5000
 5050
 5100
 5150
 5200
 LTD 5203

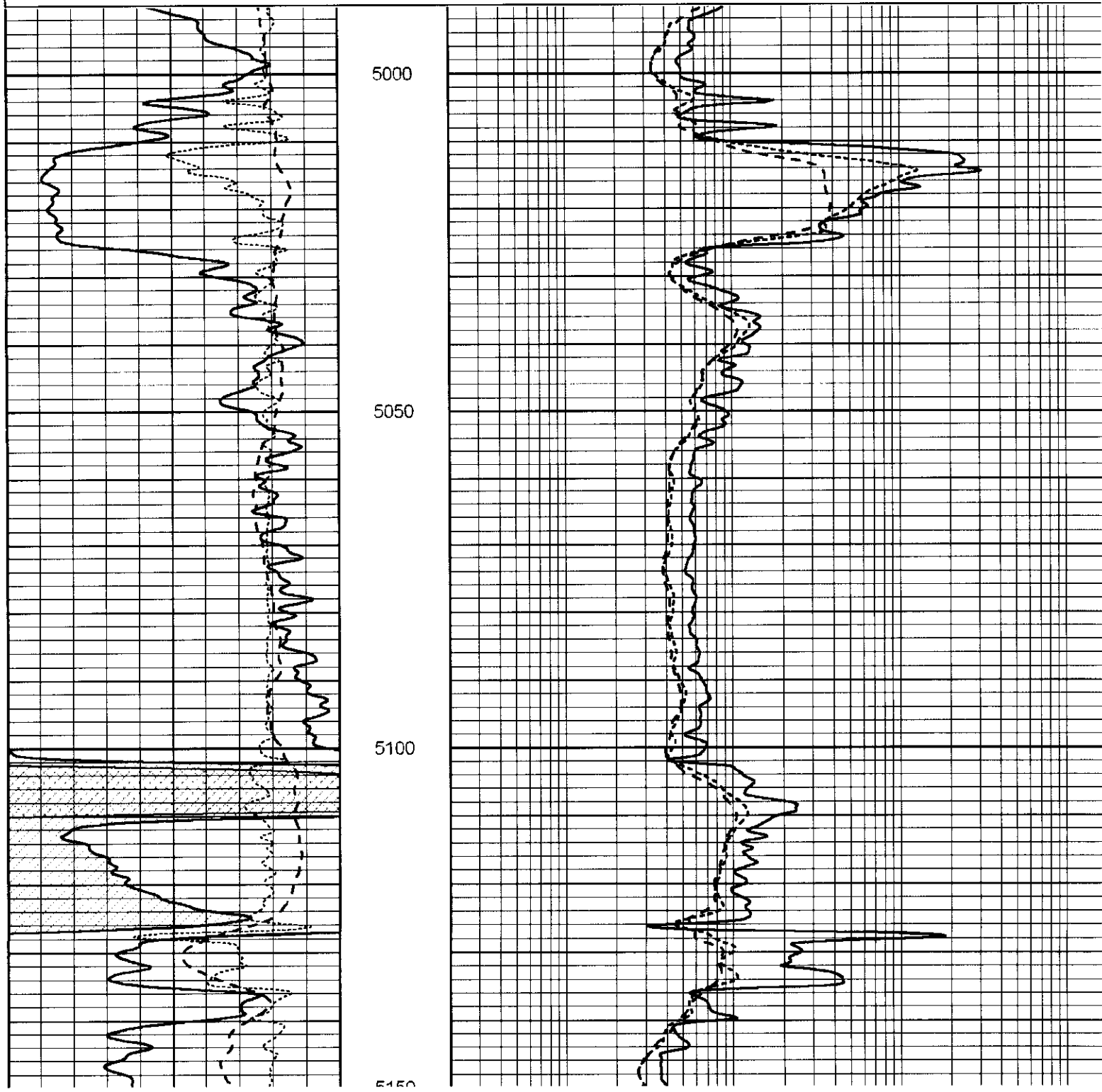


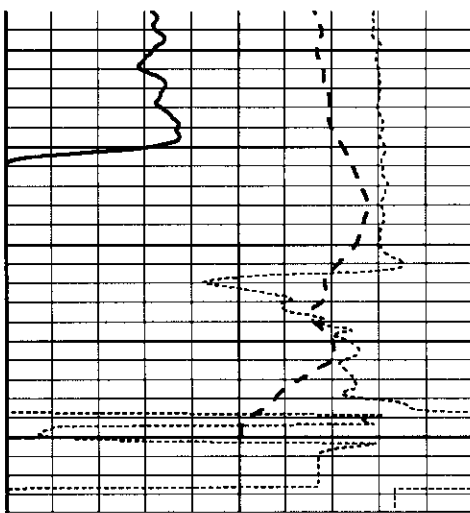
0.2
 SHALLOW GUARD (Ohm-m)
 200

Database File: 005422pe.db
 Dataset Pathname: pass2.1
 Presentation Format: _dil
 Dataset Creation: Thu Aug 05 11:56:25 2010 by Calc Open-Cased 090629
 Charted by: Depth in Feet scaled 1:240

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

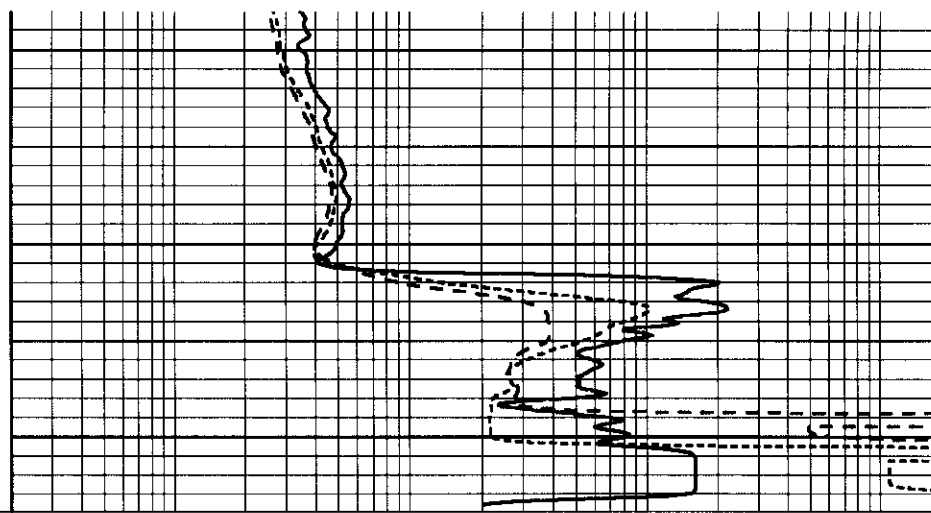
0.2	SHALLOW GUARD (Ohm-m)	200
0.2	MEDIUM INDUCTION (Ohm-m)	200
0.2	DEEP INDUCTION (Ohm-m)	200





5200

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



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

Calibration Report

Database File: 005422pe.db
 Dataset Pathname: pass2.1
 Dataset Creation: Thu Aug 05 11:56:25 2010 by Calc Open-Cased 090629

Dual Induction Calibration Report

Serial-Model: PROBE8-DILG
 Surface Cal Performed: Fri Aug 01 06:33:19 2008
 Downhole Cal Performed: Mon Jul 28 11:08:27 2008
 After Survey Verification Performed: Mon Jul 28 11:08:27 2008

Surface Calibration

Loop:	Readings			References			Results	
	Air	Loop	V	Air	Loop	mmho/m	m	b
Deep	0.015	0.648	V	0.000	400.000	mmho/m	632.616	-9.730
Medium	0.029	0.796	V	0.000	464.000	mmho/m	605.049	-17.680
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.017	0.657	V	0.000	400.000	mmho/m	625.153	-10.619
Medium	0.016	0.757	V	0.000	464.000	mmho/m	625.992	-9.739

Downhole Calibration

	Readings			References			Results	
	Zero	Cal	V	Zero	Cal	mmho/m	m'	b'
Deep	0.000	0.000	mmho/m	2.011	405.777	mmho/m	1.000	0.000
Medium	0.000	0.000	mmho/m	7.590	503.393	mmho/m	1.000	0.000
LL3		7.500	V		1500.000	Ohm-m		
		0.000	V		20.000	Ohm-m		
		-6.500	V		3800.000	mmho-m		

After Survey Verification

	Readings			Targets			Results	
	Zero	Cal	mmho/m	Zero	Cal	mmho/m	m'	b'
Deep	0.000	0.000	mmho/m	0.000	0.000	mmho/m	0.000	0.000
Medium	0.000	0.000	mmho/m	0.000	0.000	mmho/m	0.000	0.000

Litho Density Calibration Report
Serial: 002 Model: PRB
Performed Mon Oct 29 15:40:49 2007

Litho Density Calibration

	Background	Magnesium	Aluminum	Sandstone	
Window 1	1056.3	9118.0	2809.7	10378.4	cps
Window 2	969.9	7671.9	2431.6	8565.8	cps
Window 3	683.8	2939.8	1161.0	3161.8	cps
Window 4	231.4	231.6	226.7	230.8	cps
Long Space	0.0	6702.0	1461.7	7595.9	cps
Short Space	1.2	1433.6	959.4	1568.6	cps
Rho		1.7100	2.5900	1.3800	g/cc
Pe			2.5700	1.5500	
Rib Angle	: 45.2	Rib Slope	: 1.008	Density/Spine Ratio	: 0.559
Spine Angle	: 75.2	Spine Slope	: 3.791	Spine Intercept	: -18.7

Caliper

	Readings	Reference	
Low Ref	3.1	8.0	
High Ref	5.4	14.0	
	Gain: 2.5		Offset: 1.3

Compensated Neutron Calibration Report

Serial Number: 5I
Tool Model: G

CALIBRATION

Detector	Readings	Target	Normalization
Short Space	1.00 cps	1.00 cps	1.0000
Long Space	1.00 cps	1.00 cps	1.0000

Gamma Ray Calibration Report

Serial Number: GR6
Tool Model: OPEN
Performed: Wed Jul 14 14:14:30 2010

Calibrator Value: 150.0 GAPI

Background Reading: 0.0 cps
Calibrator Reading: 276.0 cps

Sensitivity: 0.5335 GAPI/cps



SUPERIOR
Hays,
Kansas

MICRO
LOG

LOTUS OPERATING CO., LLC.

Company

Well KOPPITZ #1
Field STRANATHAN
County BARBER
State KANSAS

Company LOTUS OPERATING COMPANY, LLC
Well KOPPITZ #1
Field STRANATHAN
County BARBER State KANSAS

Location:	API # : 15-007-23565-0000	Other Services
	900' FNL & 600' FWL	CDL/CNL/PE DIL/SON
	SEC 2 TWP 35S RGE 12W	Elevation
Permanent Datum	GROUND LEVEL	Elevation 1391
Log Measured From	KELLY BUSHING 13' A.G.L.	K.B. 1404
Drilling Measured From	KELLY BUSHING	D.F. 1402
		G.L. 1391

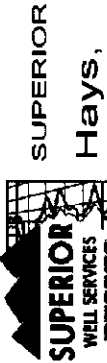
Rate	8-5-10	
Well Number	TWO	
Depth Driller	5200	
Depth Logger	5203	
Bottom Logged Interval	5185	
Depth Log Interval	3700	
casing Driller	10 3/4" @ 260'	
casing Logger	260	
bit Size	7 7/8	
type Fluid in Hole	CHEMICAL MUD	CHLORIDES 5000 PPM
density / Viscosity	9.4/46	
dl / Fluid Loss	10.0/10.4	
source of Sample	FLOWLINE	
n @ Meas. Temp	.70 @ 97F	
nf @ Meas. Temp	.52 @ 97	
nc @ Meas. Temp	.84 @ 97F	
source of Rmf / Rmc	MEASURED	
n @ BHT	.53 @ 126F	
me Circulation Stopped	2 HOURS	
me Logger on Bottom		
maximum Recorded Temperature	126F	
equipment Number	680	
location	HAYS, KS.	
recorded By	JASON CAPPELLUCCI	
witnessed By	TIM HELLMAN	

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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 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

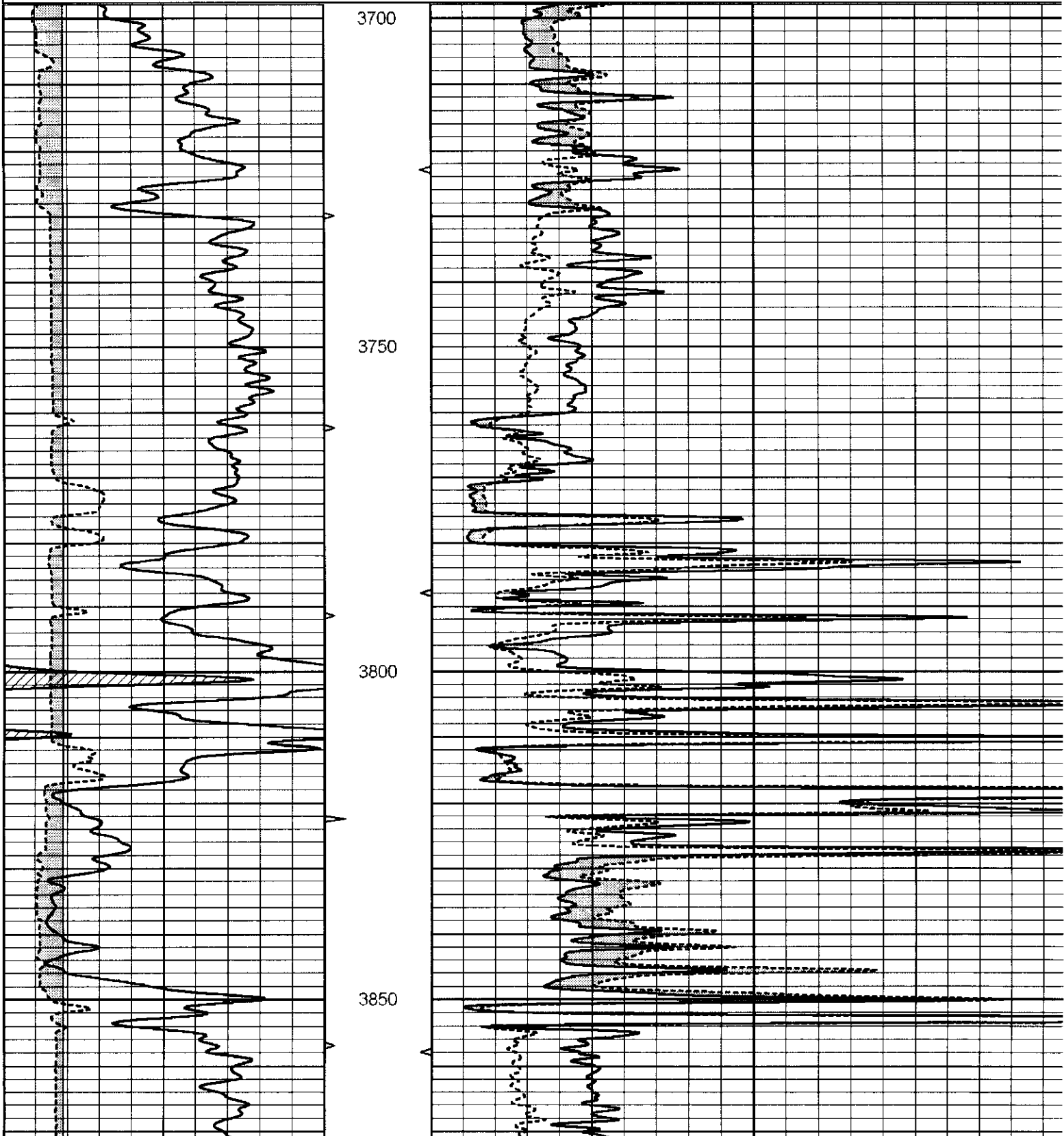
THANK YOU FOR USING SUPERIOR WELL SERVICE (785) 628-6395
DIRECTIONS
MEDICINE LODGE KS. - S. TO MM 8 (RATTLESNAKE TRAIL) - 1 W. - 1 S.
1 W. - S. INTO

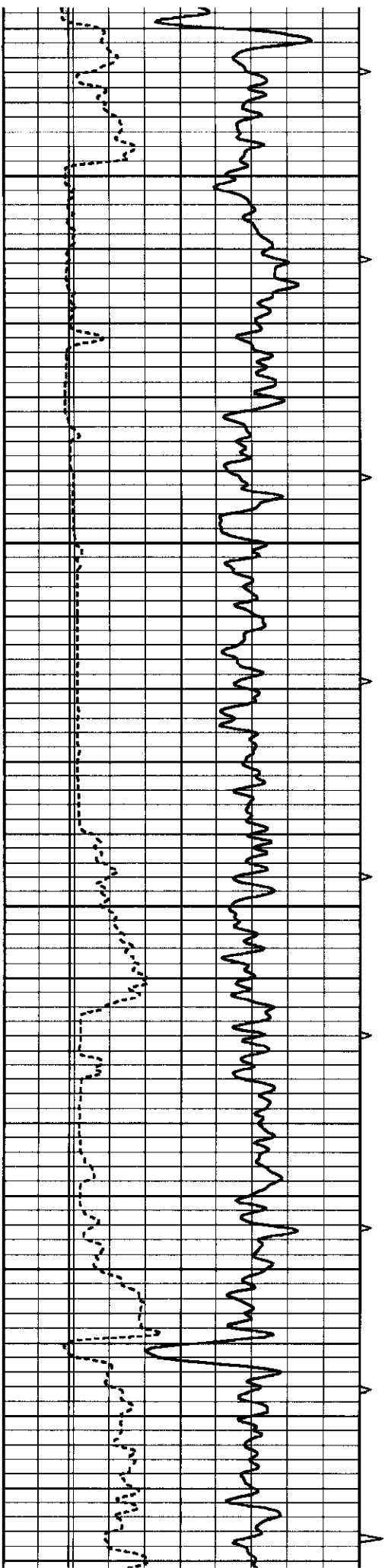


MAIN SECTION

Database File: 005422pe.db
 Dataset Pathname: pass6.1
 Presentation Format: _micro
 Dataset Creation: Thu Aug 05 14:59:15 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	MEL2.0 (Ohm-m)	4
			TBHV			
			0 (ft3)	10		



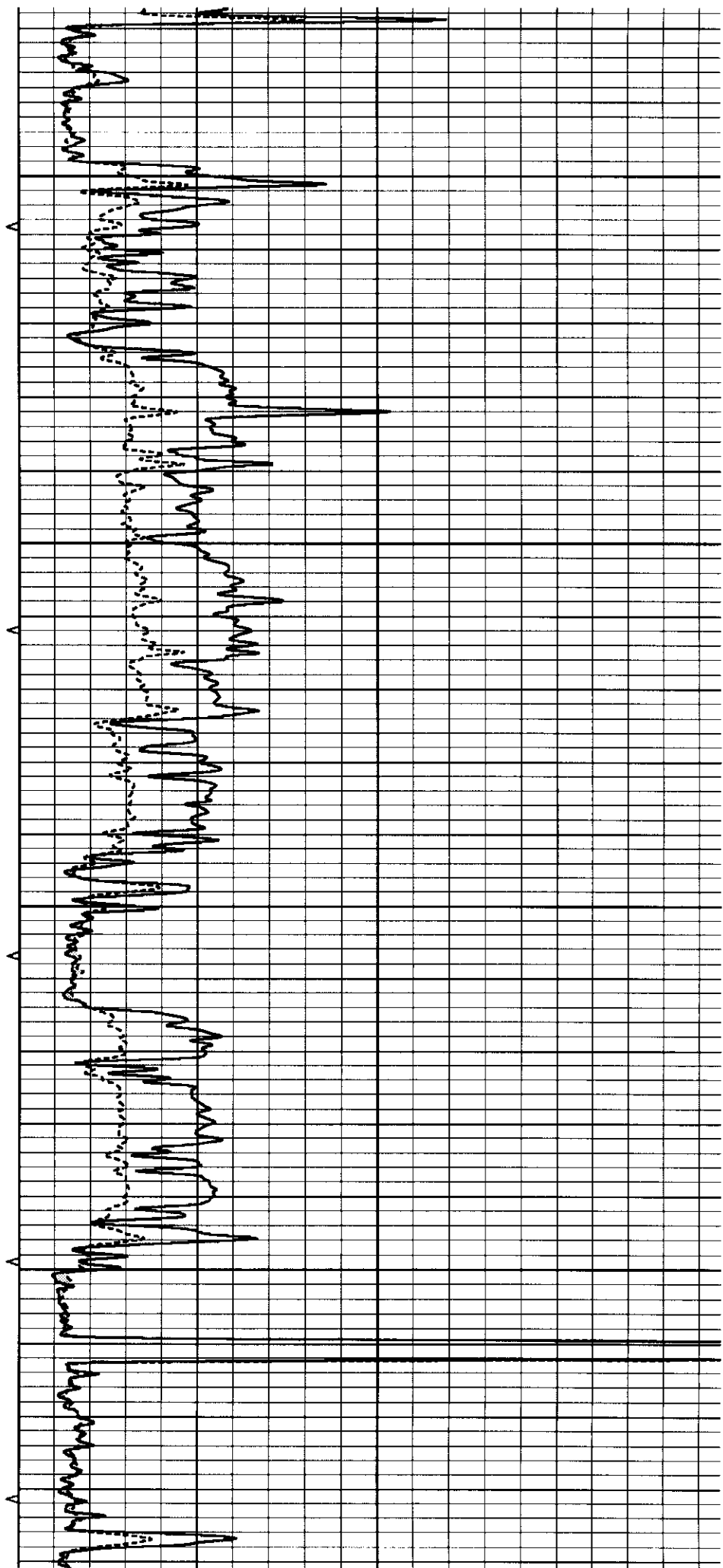


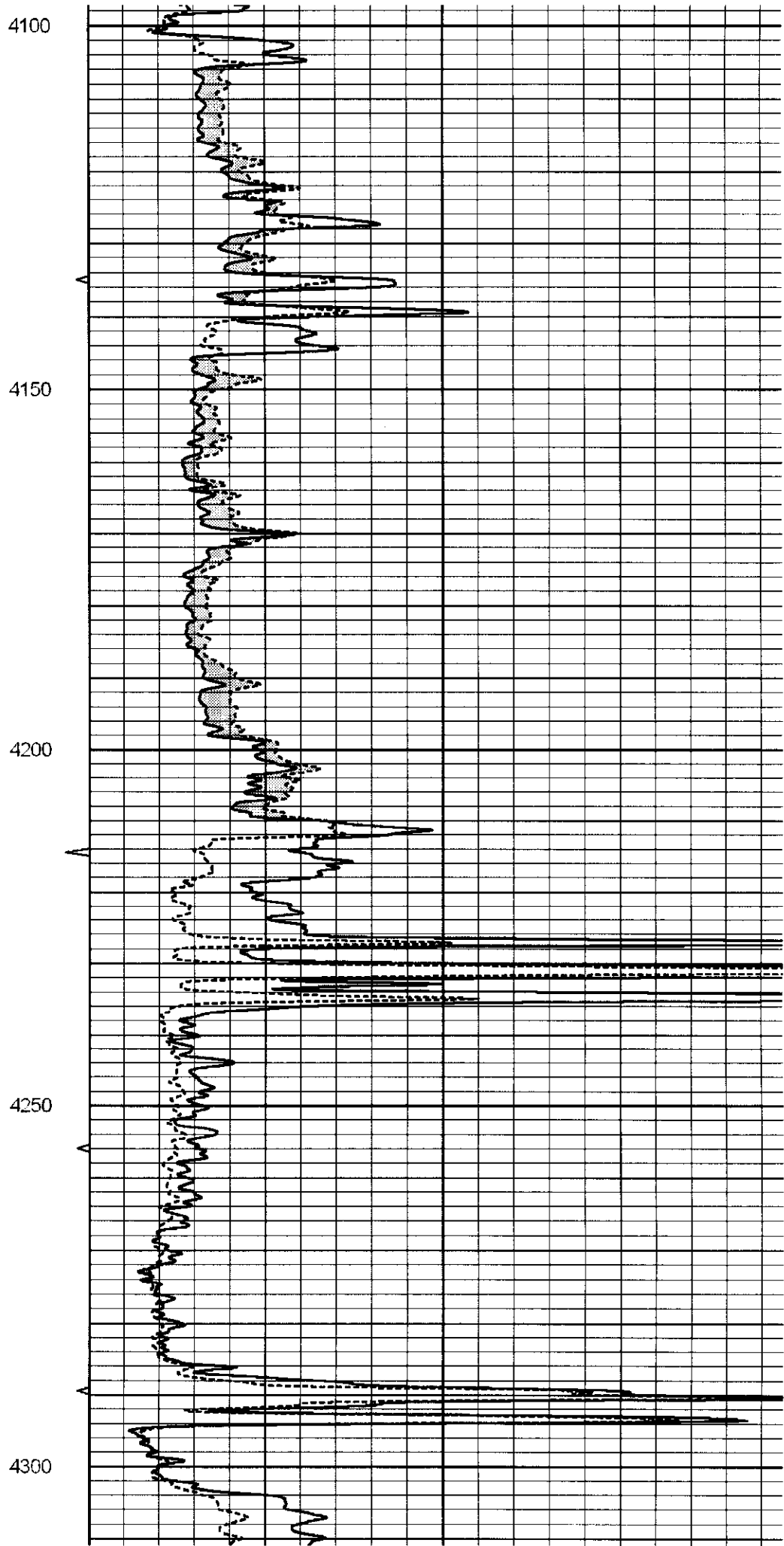
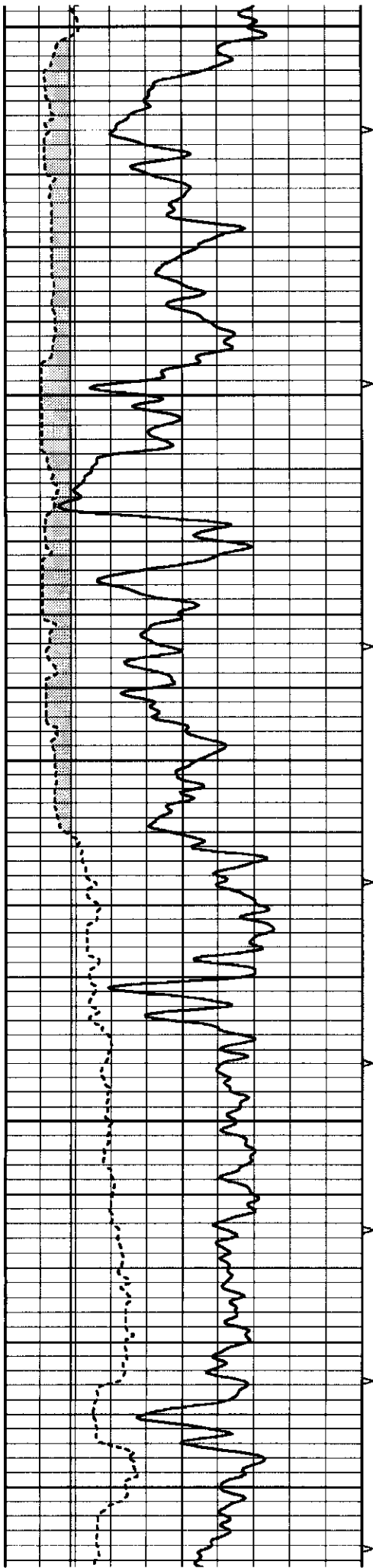
3900

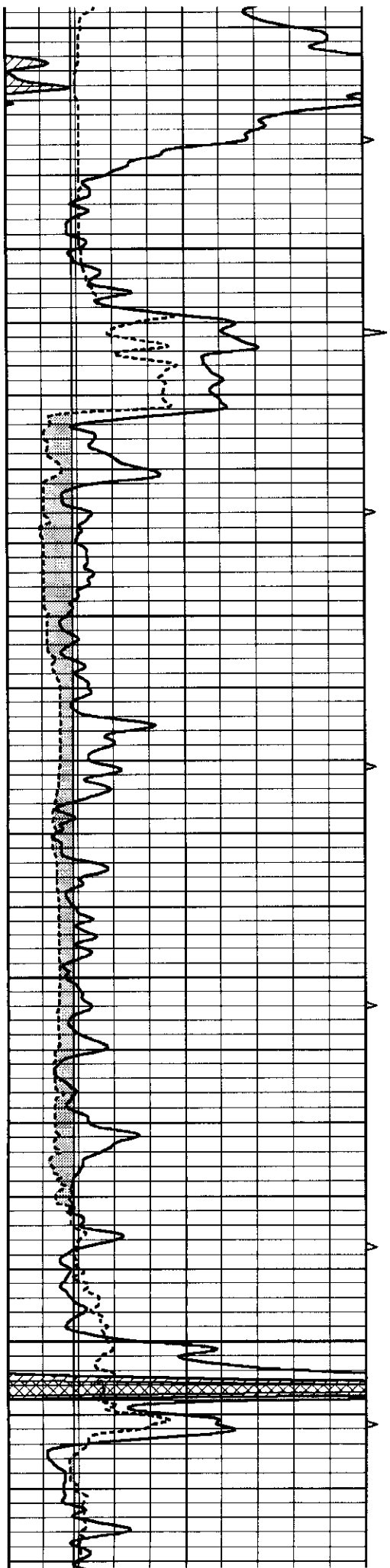
3950

4000

4050





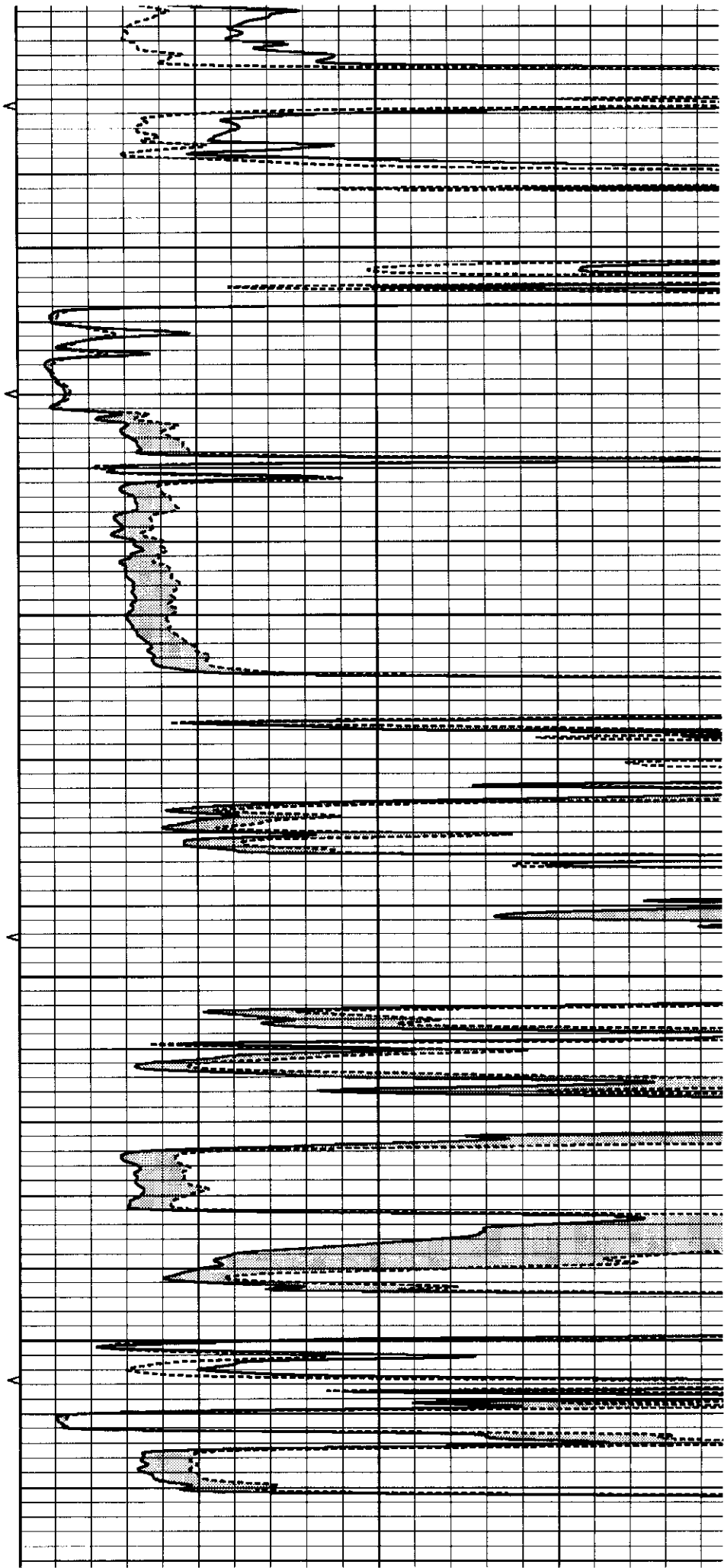


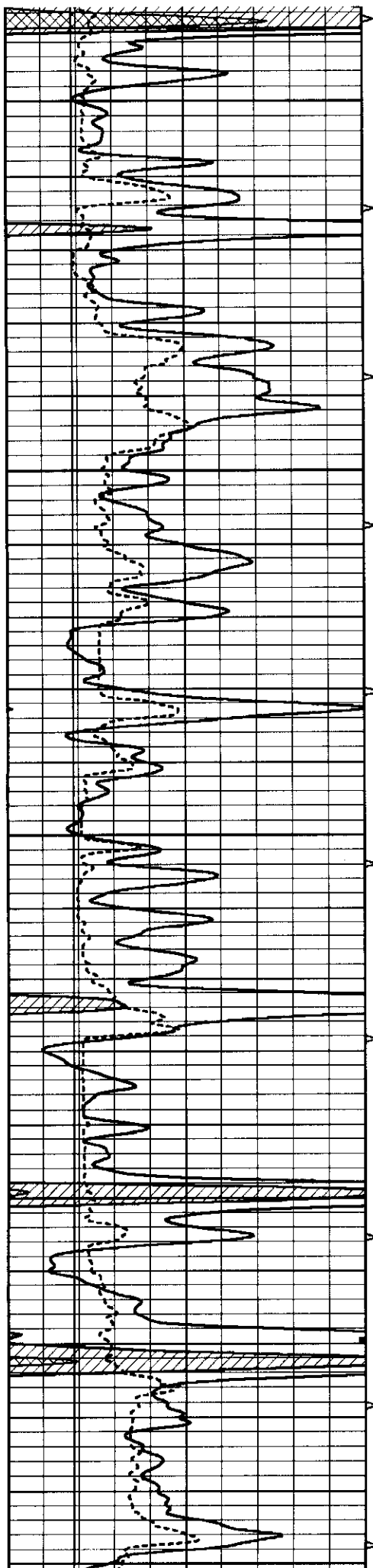
4350

4400

4450

4500





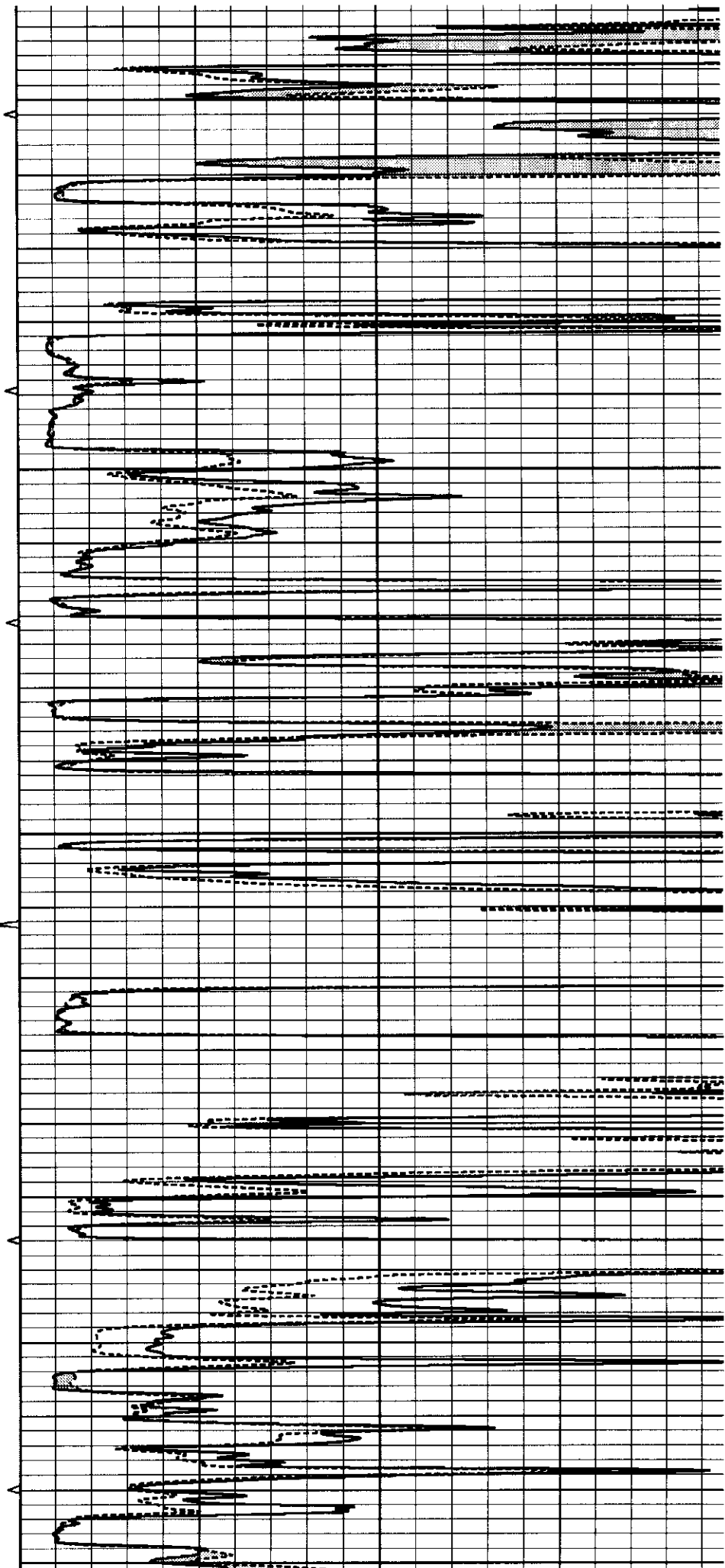
4550

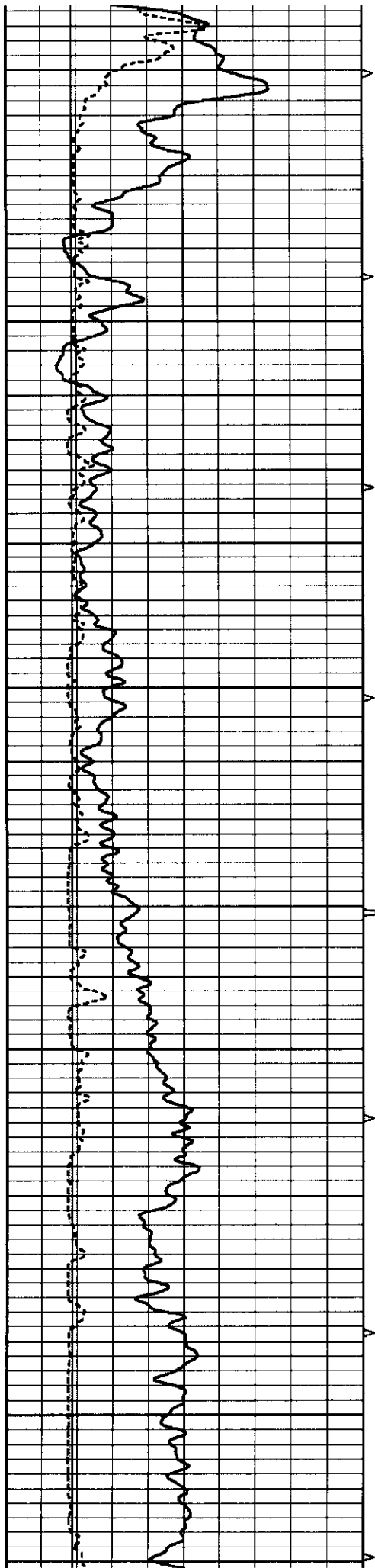
4600

4650

4700

4750



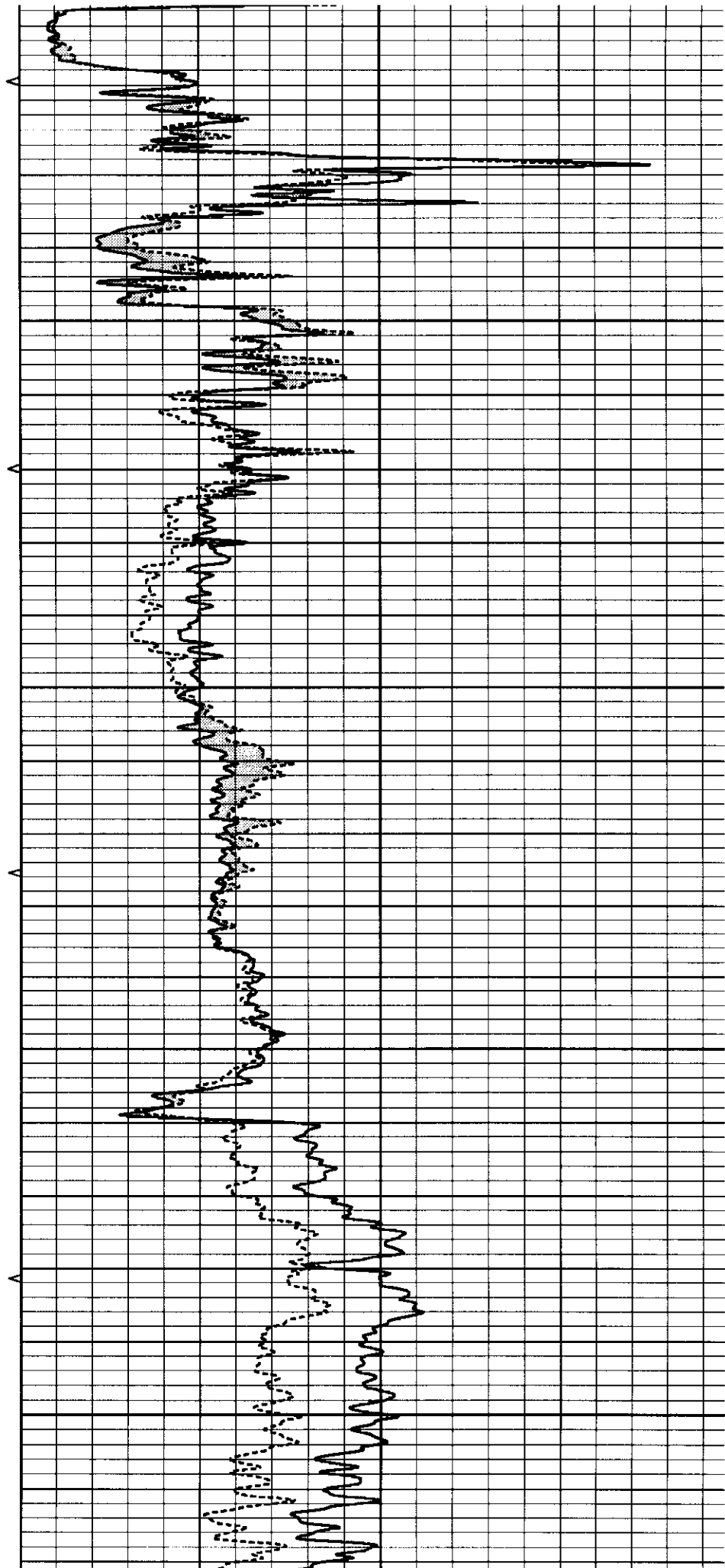


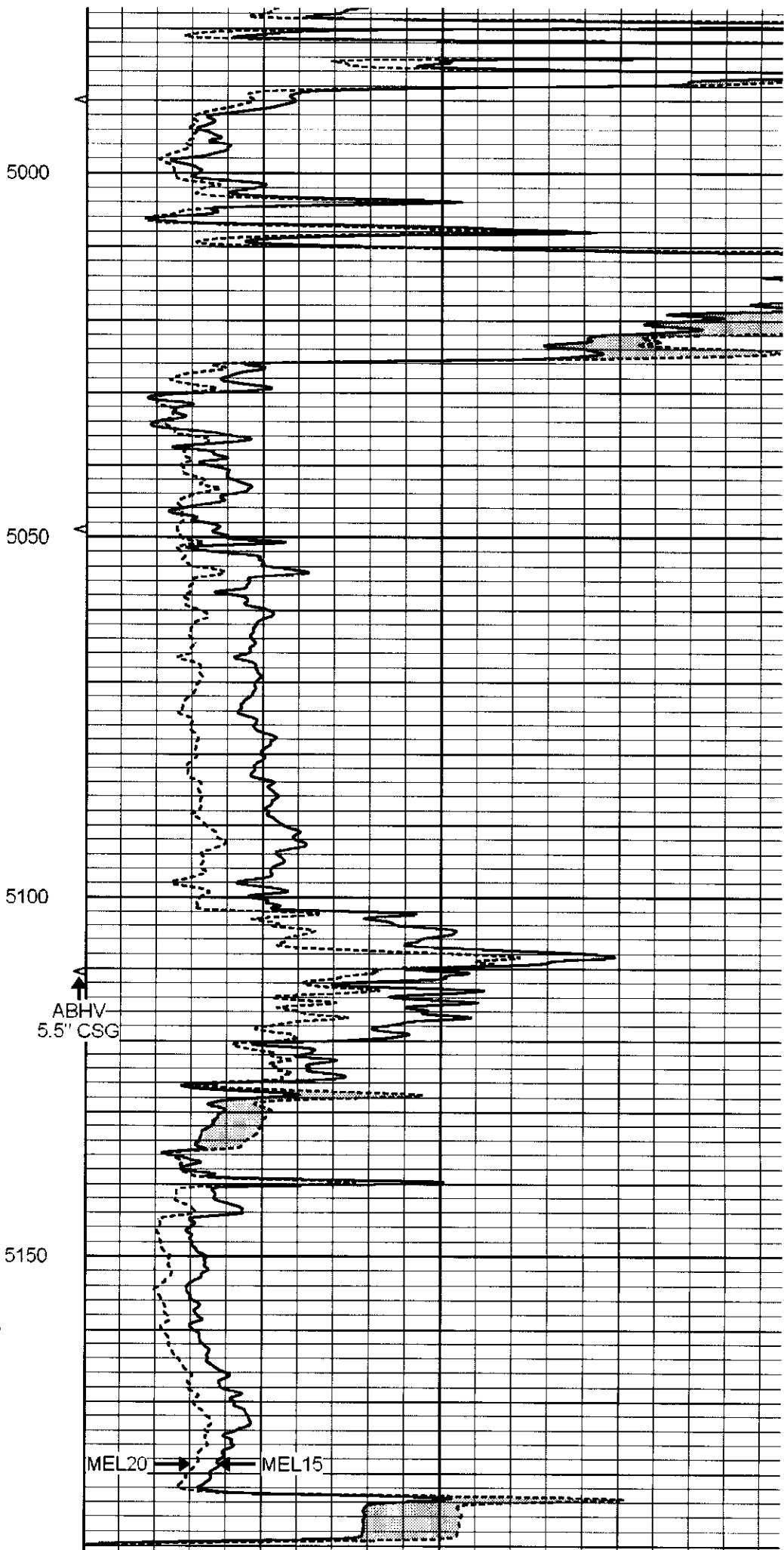
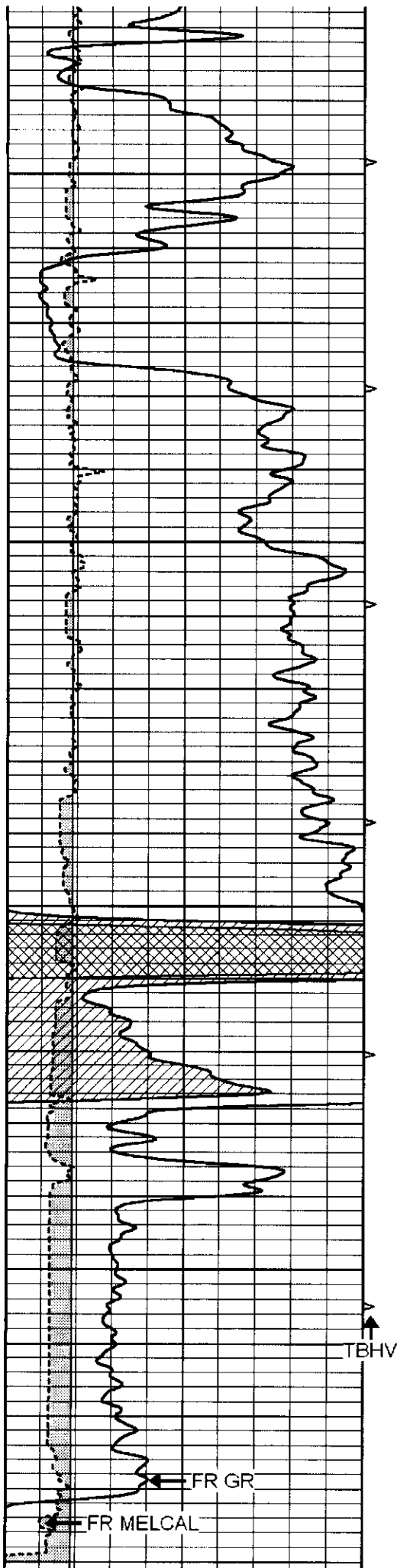
4800

4850

4900

4950





			5200			
			LTD 5203			
0	GAMMA RAY (GAPI)	150	ABHV	0	MEL1.5 (Ohm-m)	4
6	CALIPER (in)	16	10 (ft3) 0 0	0	MEL2.0 (Ohm-m)	4
			TBHV			
			0 (ft3) 10			

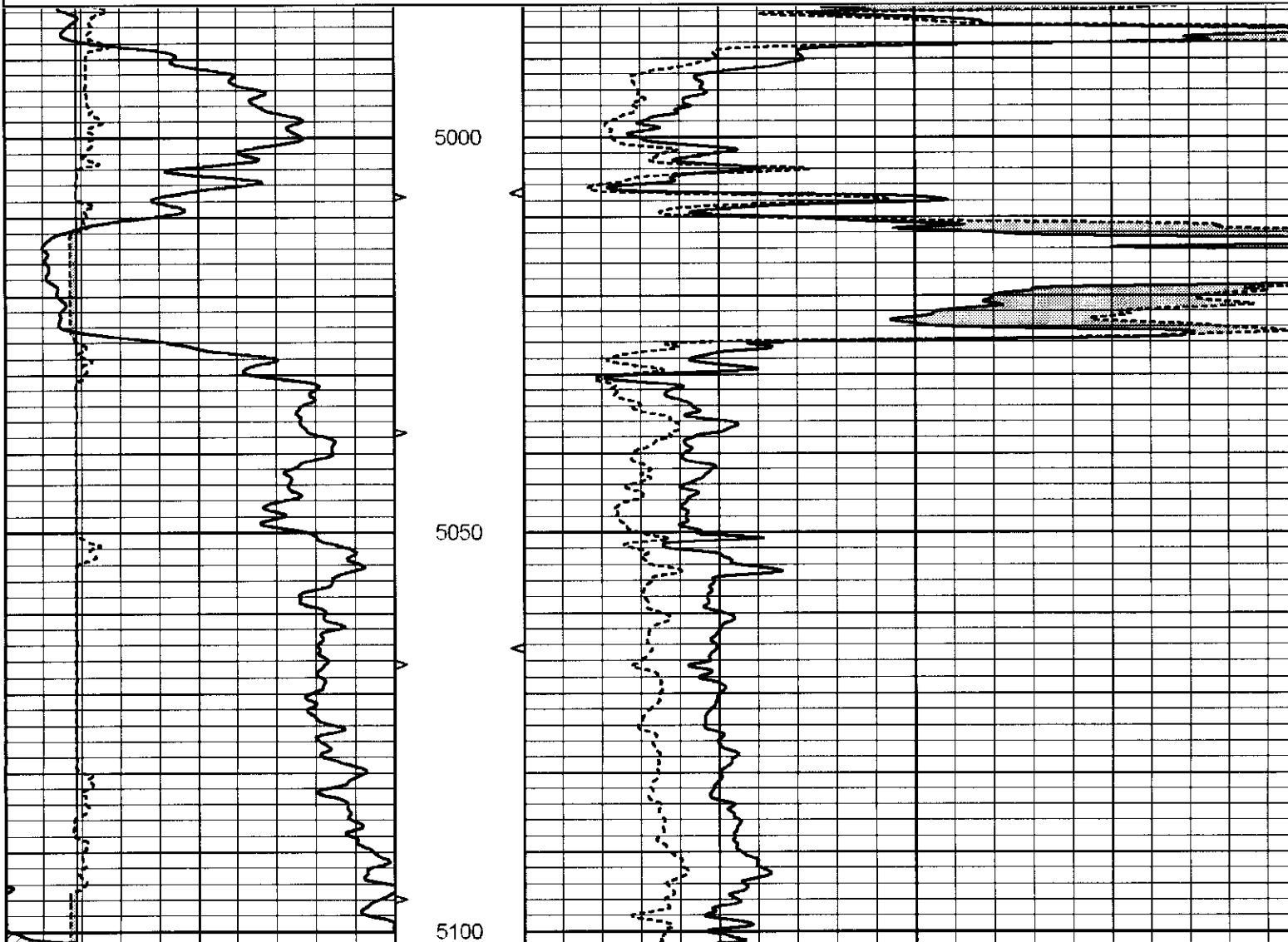


SUPERIOR
Hays,
Kansas

REPEAT SECTION

Database File: 005422pe.db
 Dataset Pathname: pass5.4
 Presentation Format: _micro
 Dataset Creation: Thu Aug 05 15:06:18 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	0	MEL2.0 (Ohm-m)	4
			TBHV			
			0 (ft3) 10			



Gamma Ray Calibration Report

Serial Number:	GR6	
Tool Model:	OPEN	
Performed:	Wed Jul 14 14:14:30 2010	
Calibrator Value:	150.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	276.0	cps
Sensitivity:	0.5335	GAPI/cps



SUPERIOR
Hays,
Kansas

COMPENSATED
NEUTRON/DENSITY
PE LOG

LOTUS OPERATING CO., LLC.

Company

Well KOPPITZ #1
Field STRANATHAN
County BARBER
State KANSAS

Company LOTUS OPERATING COMPANY, LLC
Well KOPPITZ #1
Field STRANATHAN
County BARBER State KANSAS

Location:	API #: 15-007-23565-0000	Other Services
	900' FNL & 600' FWL	DIL MEL/SON
	SEC 2 TWP 35S RGE 12W	Elevation
Permanent Datum	GROUND LEVEL	Elevation 1391
Log Measured From	KELLY BUSHING 13' A.G.L.	K.B. 1404
Drilling Measured From	KELLY BUSHING	D.F. 1402
		G.L. 1391

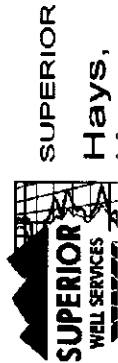
Rate	8-5-10	
Run Number	ONE	
Depth Driller	5200	
Depth Logger	5203	
Bottom Logged Interval	5179	
Depth Log Interval	3700	
casing Driller	10 3/4" @ 260'	
casing Logger	260	
Bit Size	7 7/8	
Fluid in Hole	CHEMICAL MUD	CHLORIDES 5000 PPM
Density / Viscosity	9.4/46	
Loss / Fluid Loss	10.0/10.4	
Source of Sample	FLOWLINE	
Temp @ Meas. Temp	.70 @ 97F	
Temp @ Meas. Temp	.52 @ 97	
Temp @ Meas. Temp	.84 @ 97F	
Source of Rmf / Rmc	MEASURED	
Temp @ BHT	.53 @ 126F	
Time Circulation Stopped	2 HOURS	
Time Logger on Bottom		
Maximum Recorded Temperature	126F	
Equipment Number	680	
Location	HAYS, KS.	
Recorded By	JASON CAPPELLUCCI	
Witnessed 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

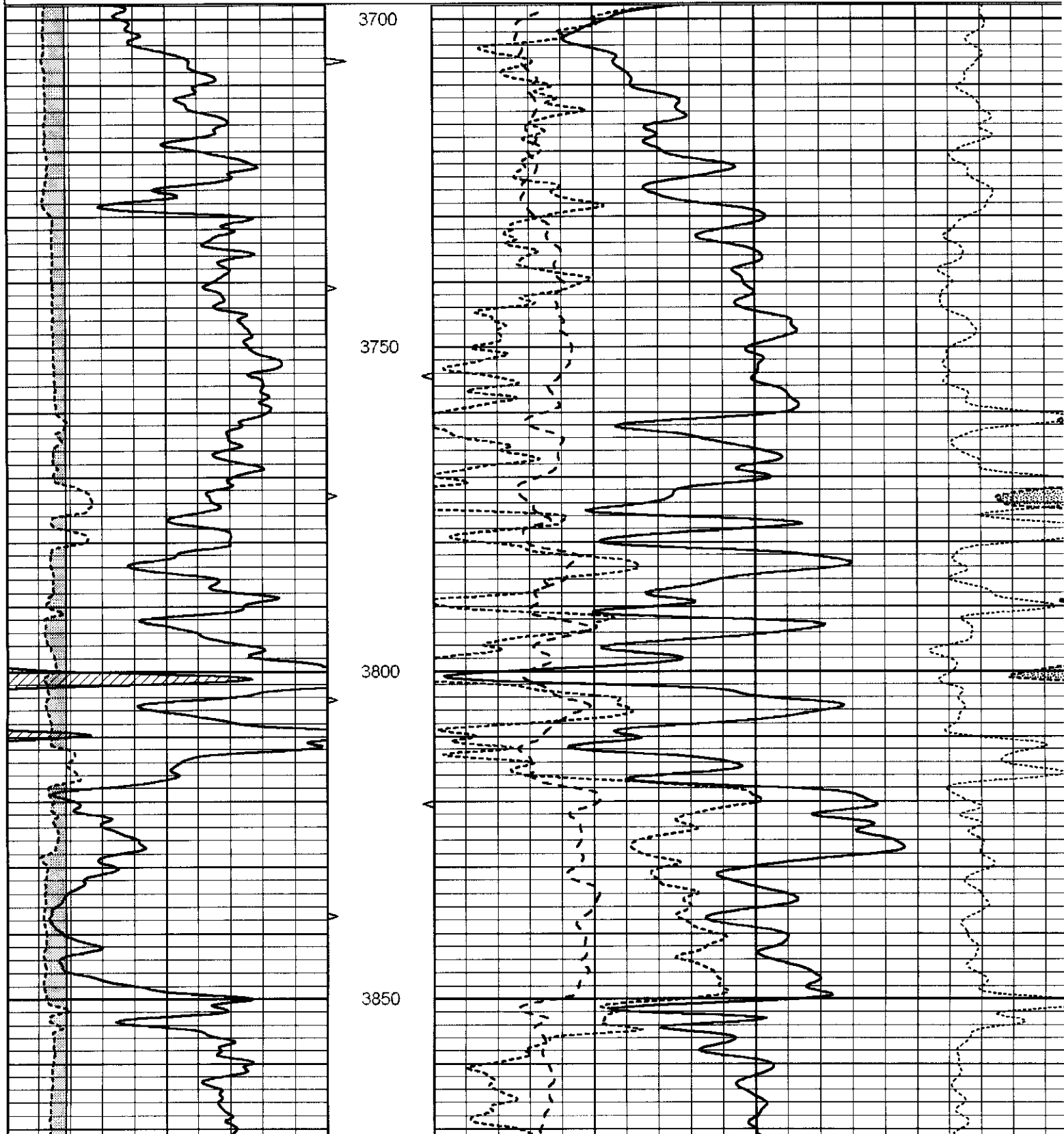
THANK YOU FOR USING SUPERIOR WELL SERVICE (785) 628-6395
DIRECTIONS
MEDICINE LODGE KS. - S. TO MM 8 (RATTLESNAKE TRAIL) - 1 W. - 1 S.
1 W. - S. INTO

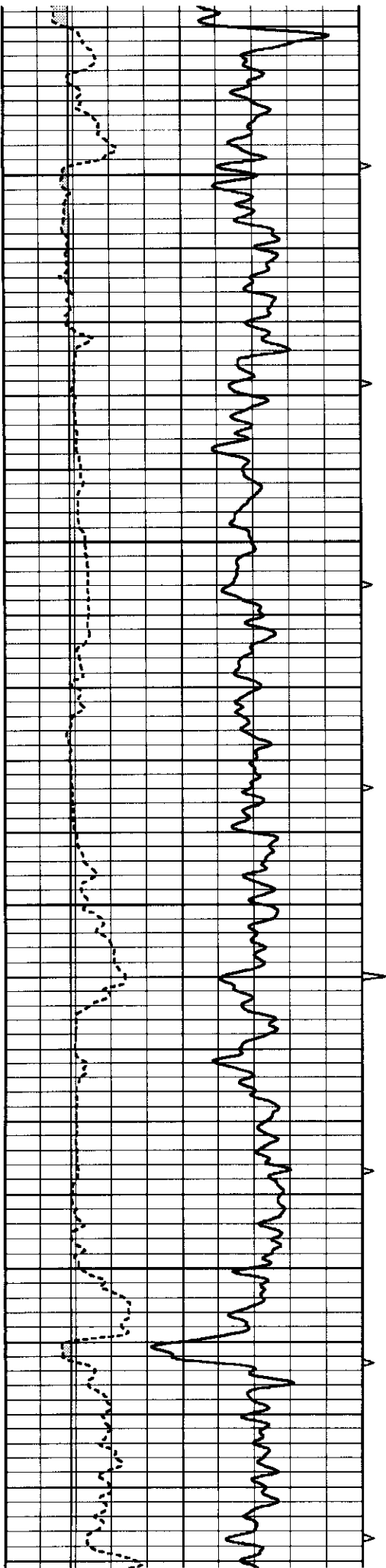


MAIN SECTION

Database File: 005422pe.db
 Dataset Pathname: pass3.1
 Presentation Format: _ldt_neu
 Dataset Creation: Thu Aug 05 11:54:17 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		
			TBHV	0	PE	10	-0.25	CORRECTION (g/cc)	0.2
			0 (ft3)	10					



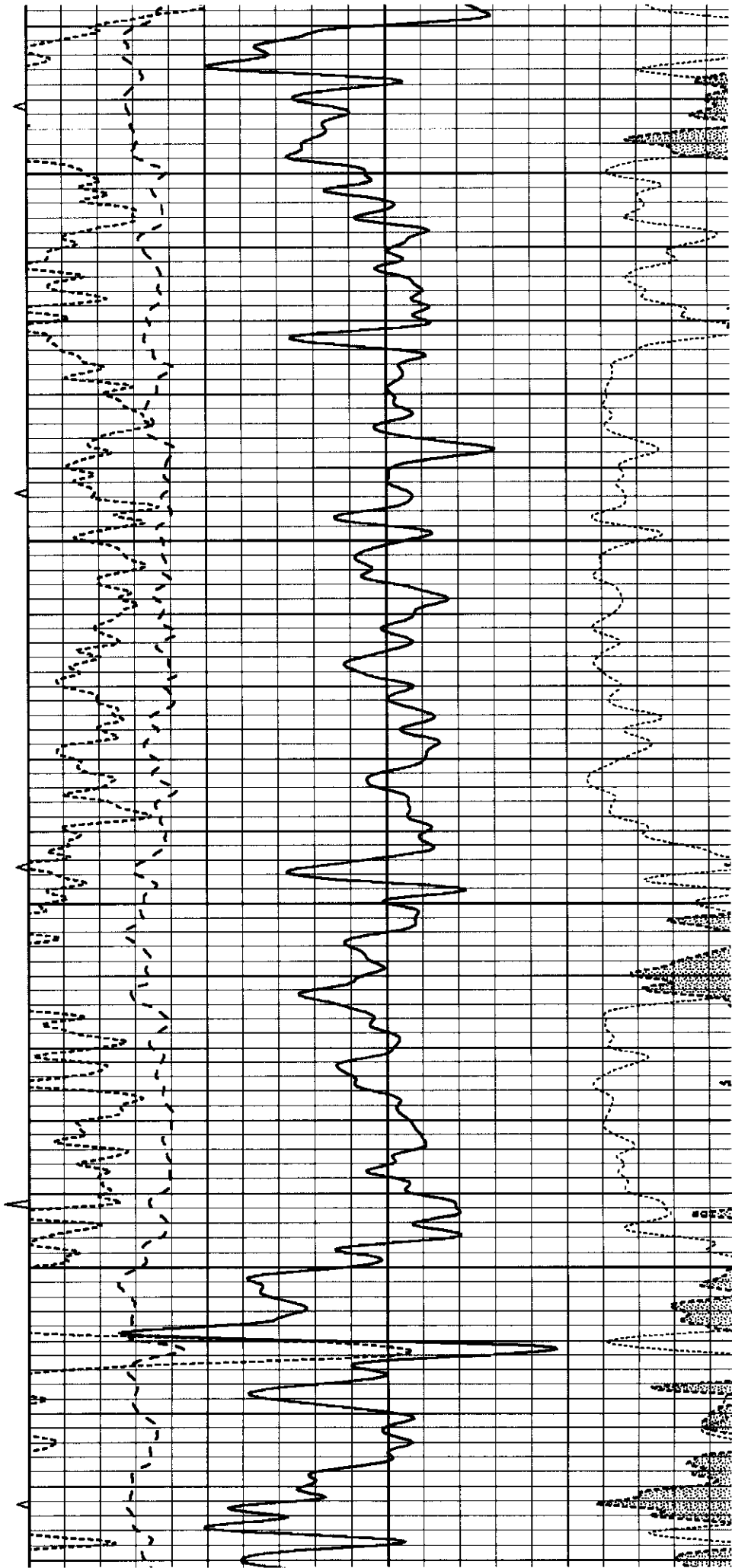


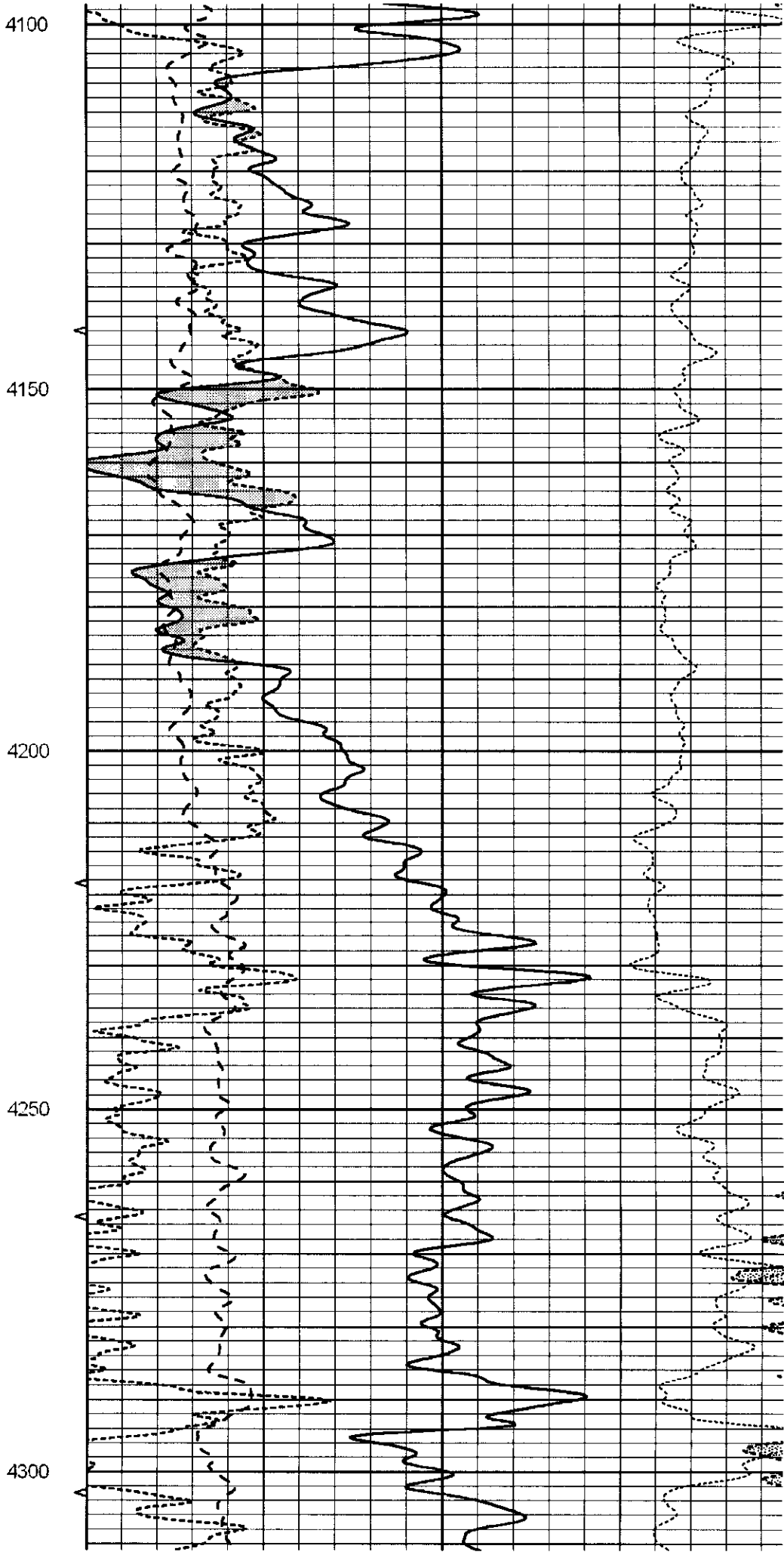
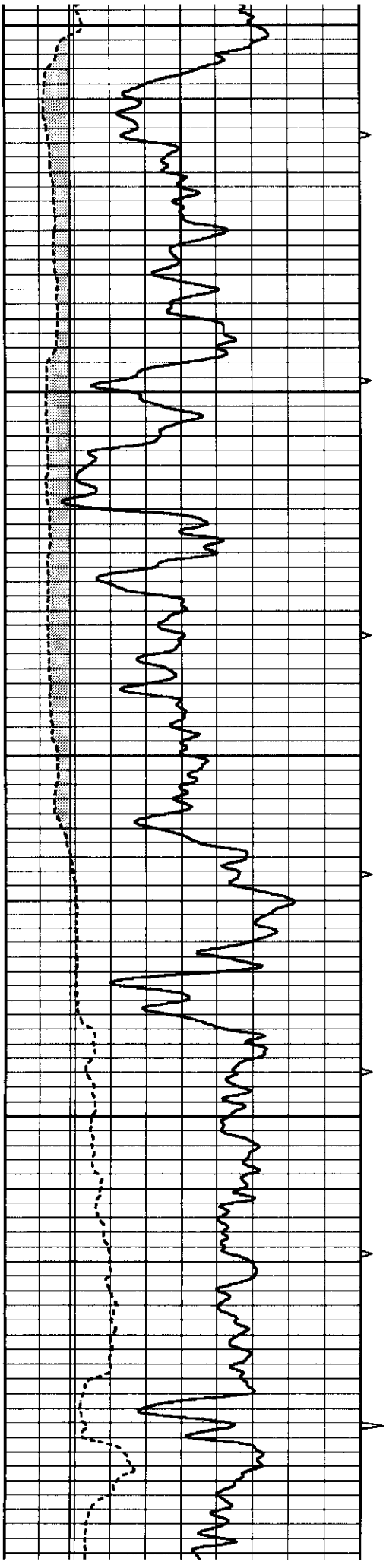
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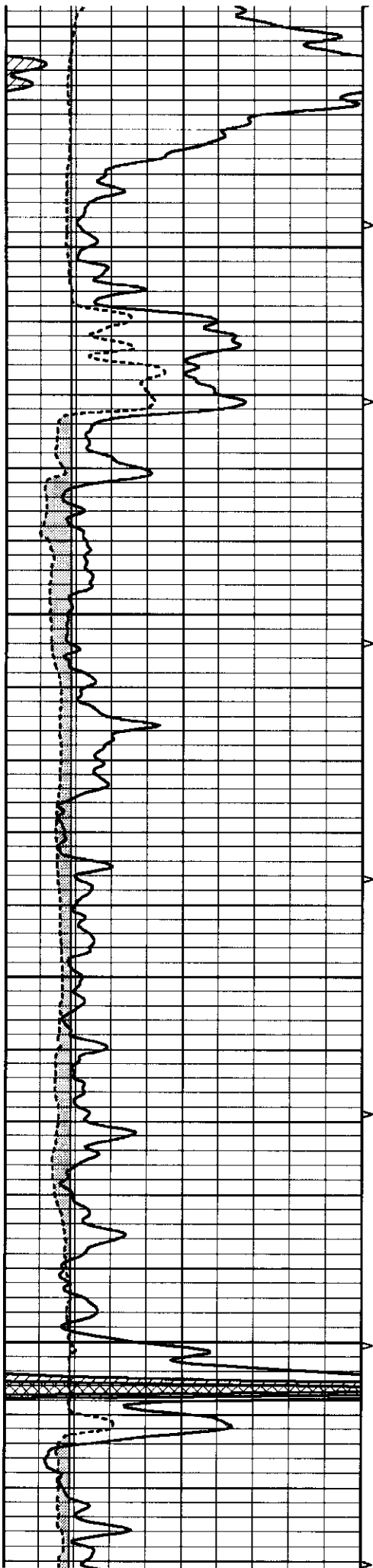
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4050





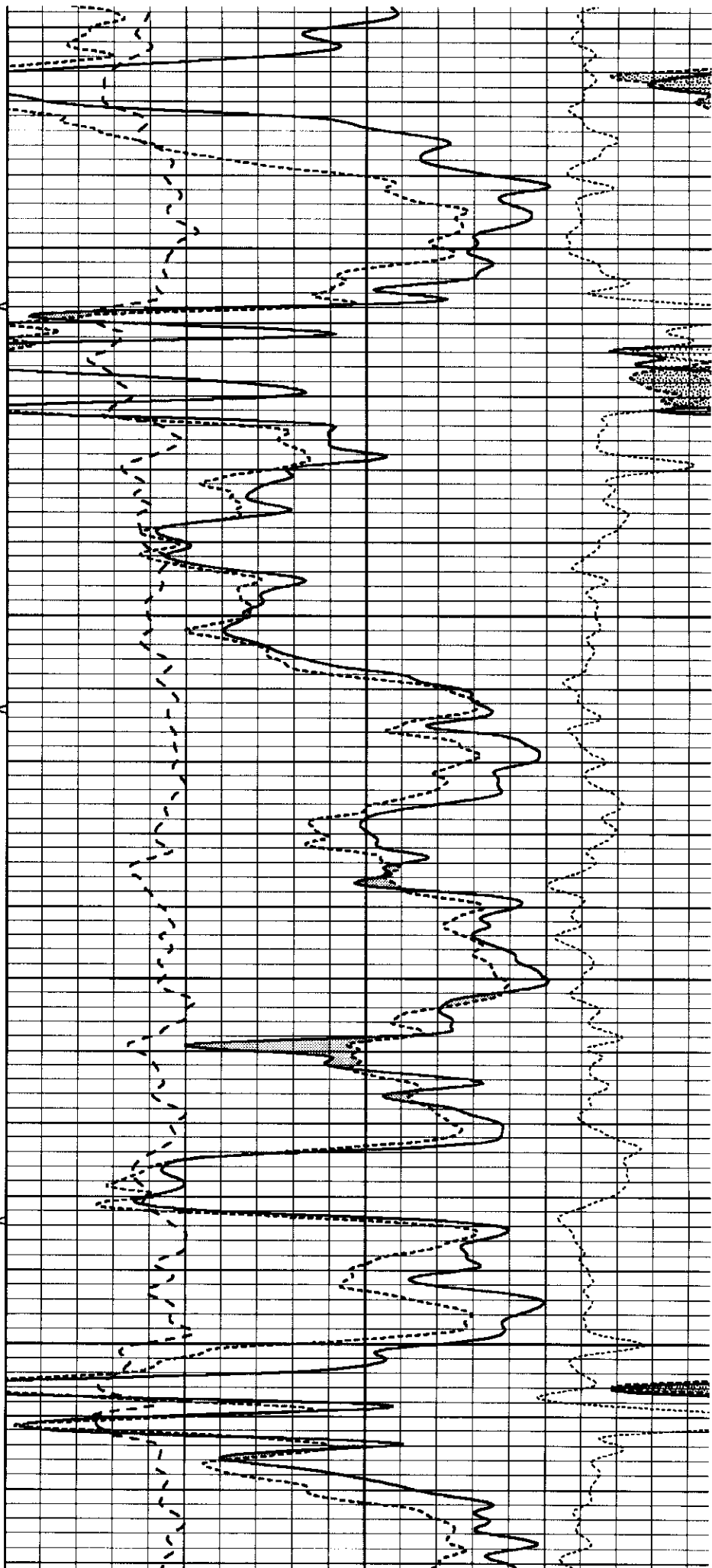


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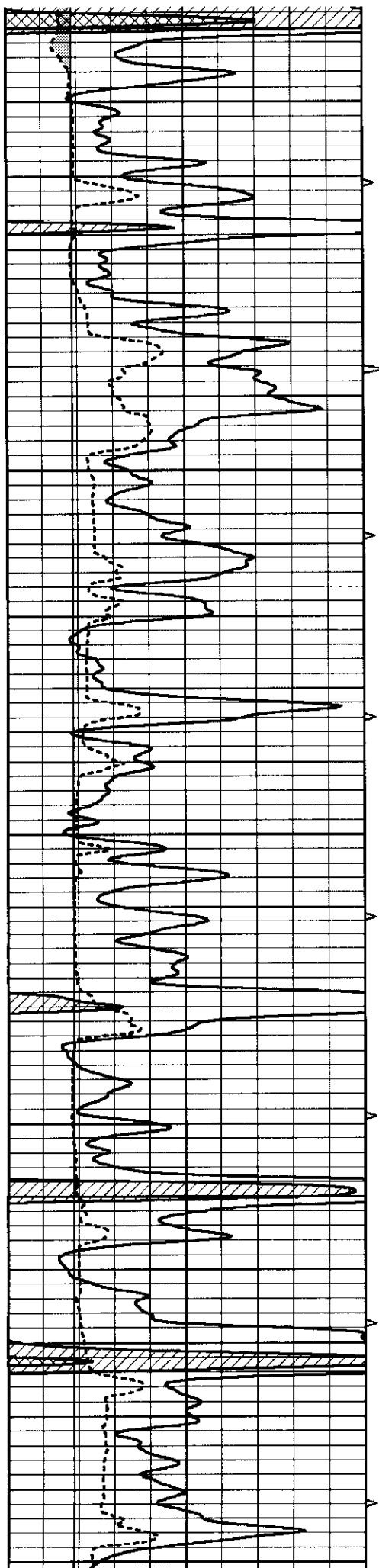


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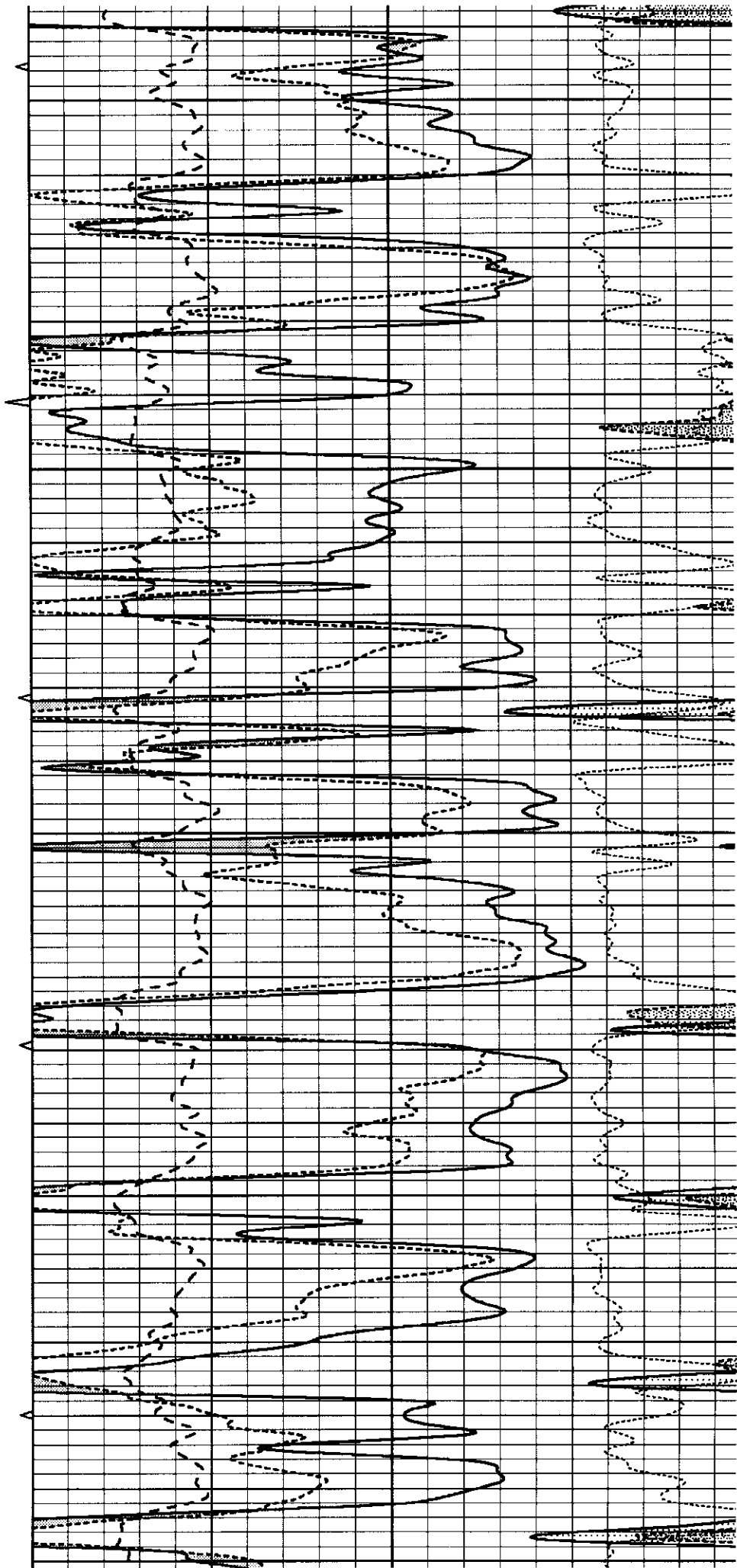
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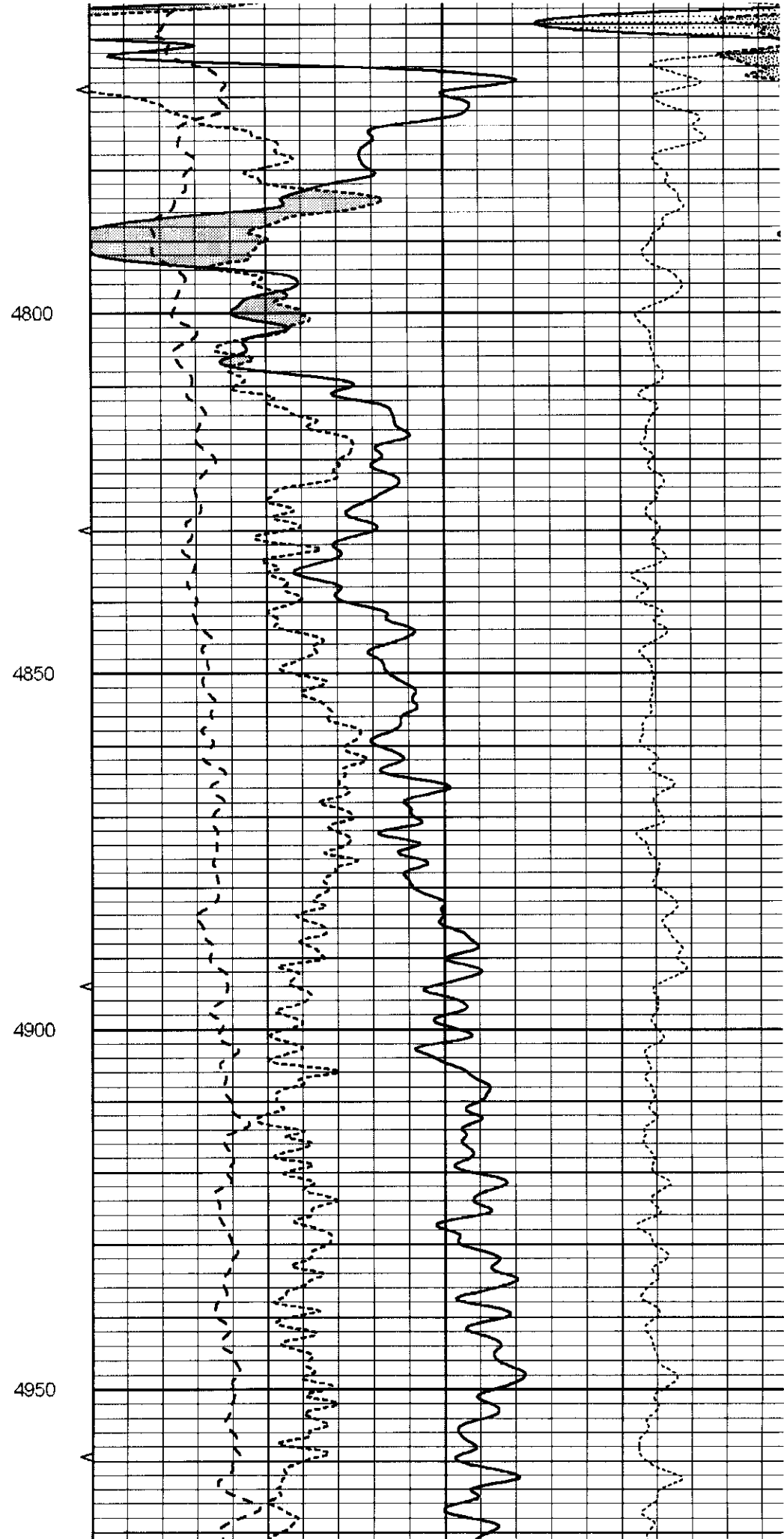
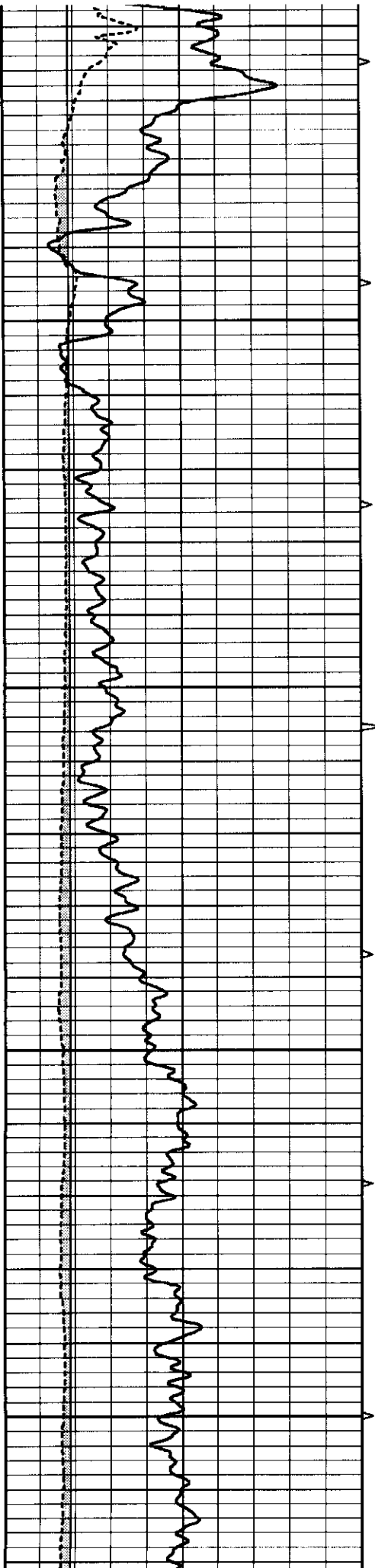
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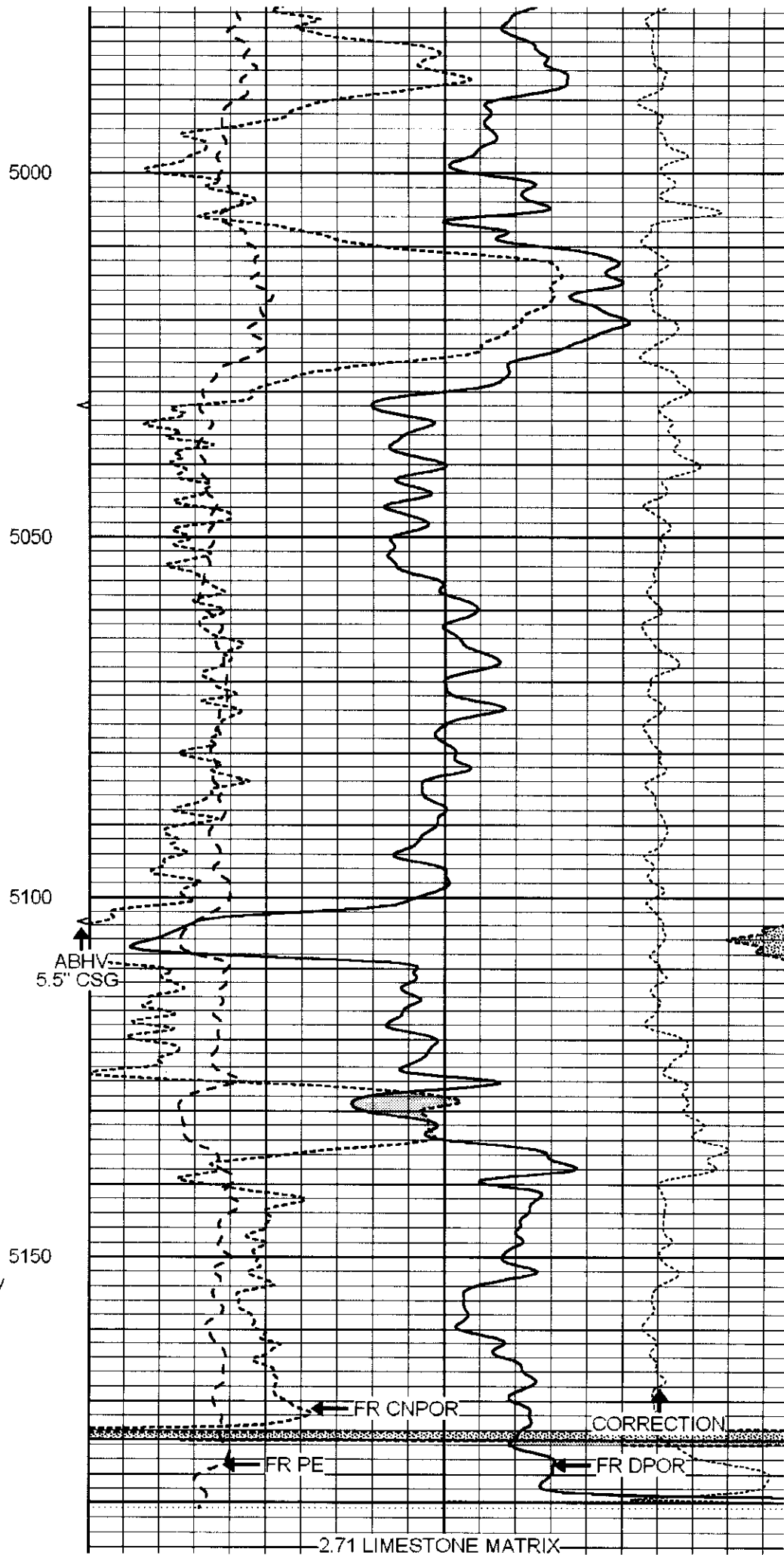
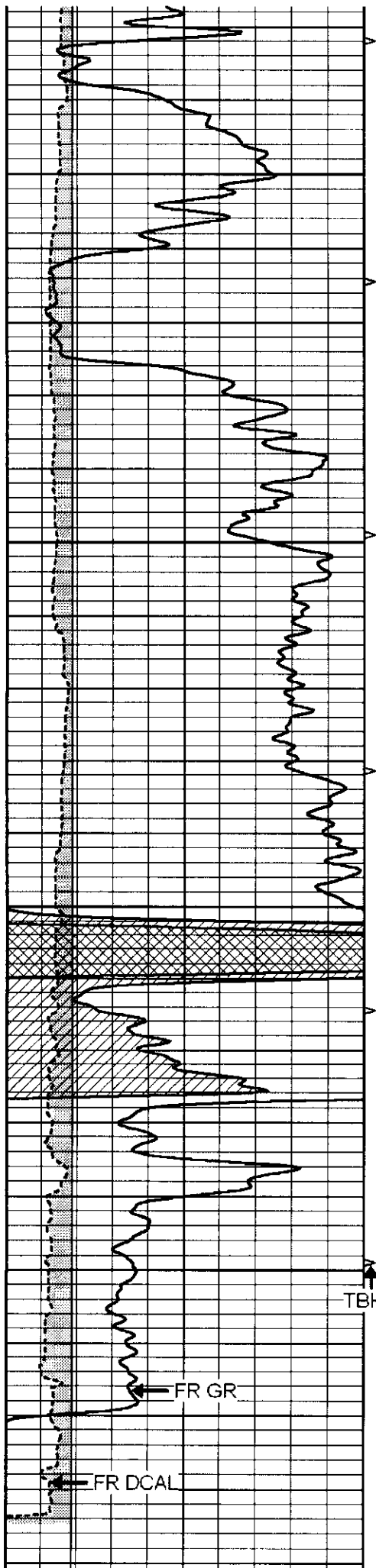
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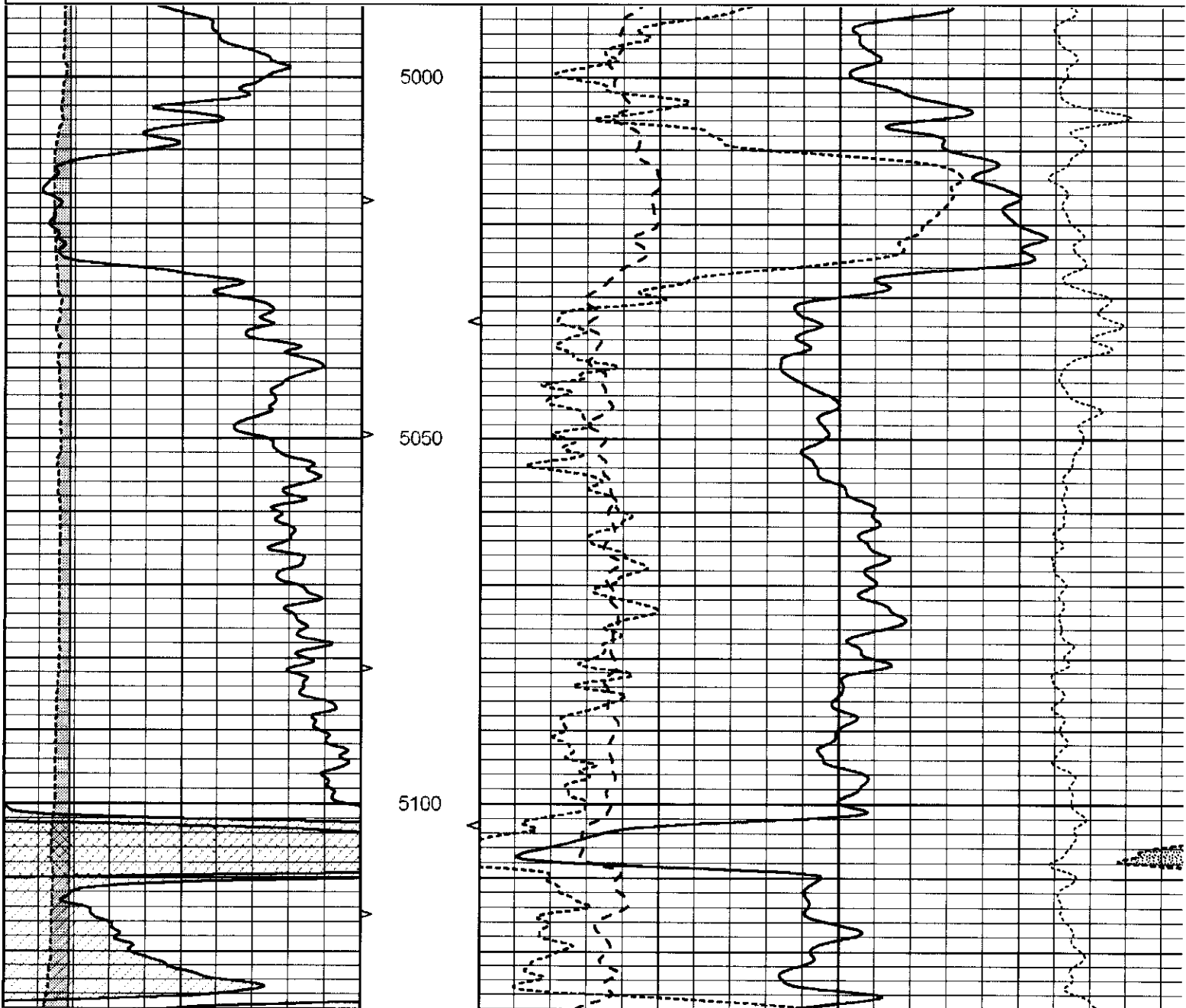


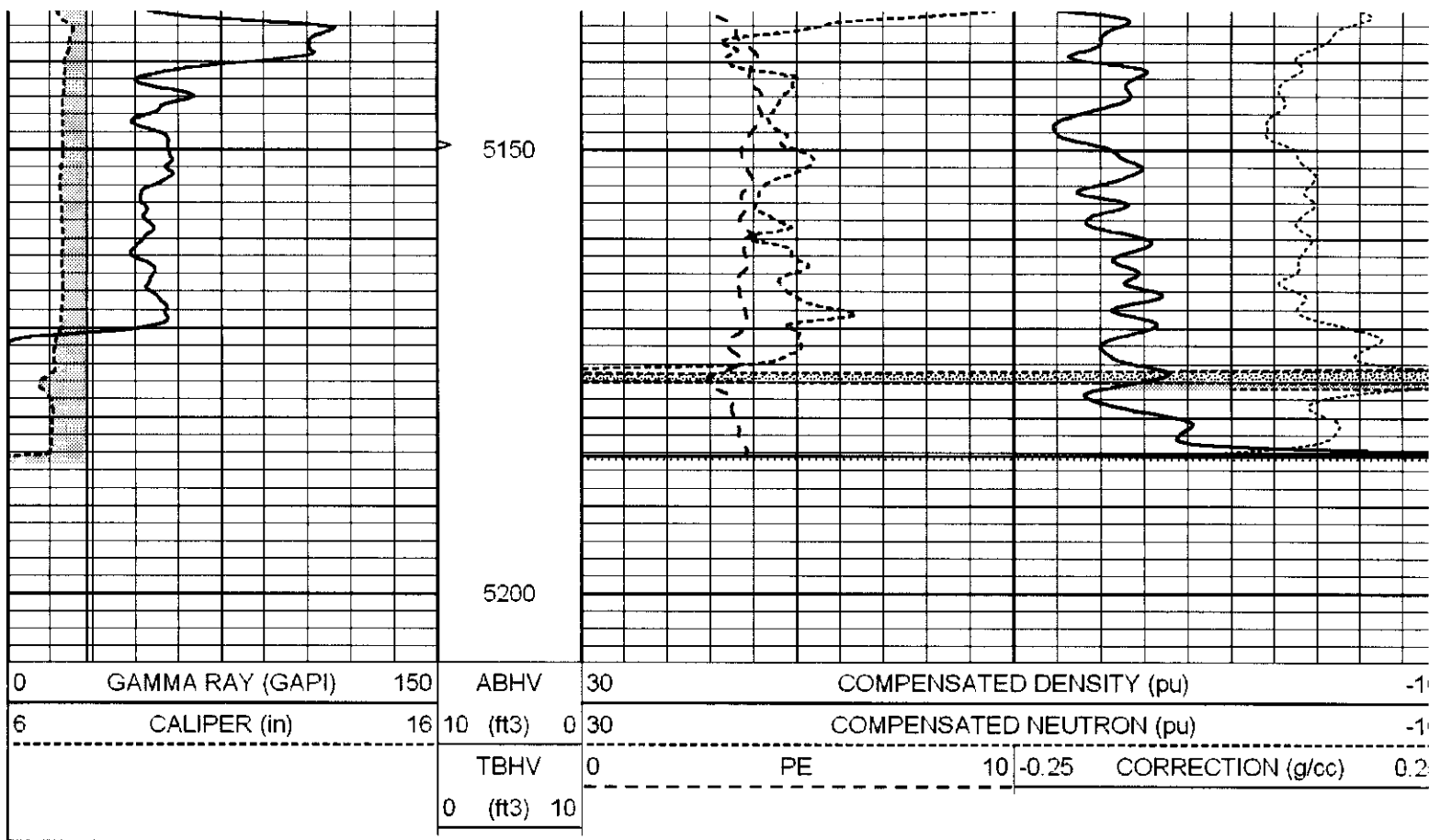


			5200 LTD 5203						
0	GAMMA RAY (GAPI)	150	ABHV	30	COMPENSATED DENSITY (pu)			-1	
6	CALIPER (in)	16	10 (ft3)	0	30	COMPENSATED NEUTRON (pu)			-1
			TBHV	0	PE	10	-0.25	CORRECTION (g/cc)	0.2
			0 (ft3)	10					

Database File: 005422pe.db
 Dataset Pathname: pass2.1
 Presentation Format: _ldt_neu
 Dataset Creation: Thu Aug 05 11:56:25 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
			TBHV	0	PE	10	-0.25	CORRECTION (g/cc)	0.2
			0 (ft3)	10					





Calibration Report

Database File: 005422pe.db
 Dataset Pathname: pass2.1
 Dataset Creation: Thu Aug 05 11:56:25 2010 by Calc Open-Cased 090629

Dual Induction Calibration Report

Serial-Model: PROBE8-DILG
 Surface Cal Performed: Fri Aug 01 06:33:19 2008
 Downhole Cal Performed: Mon Jul 28 11:08:27 2008
 After Survey Verification Performed: Mon Jul 28 11:08:27 2008

Surface Calibration

Loop:	Readings			References			Results	
	Air	Loop		Air	Loop		m	b
Deep	0.015	0.648	V	0.000	400.000	mmho/m	632.616	-9.730
Medium	0.029	0.796	V	0.000	464.000	mmho/m	605.049	-17.680
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.017	0.657	V	0.000	400.000	mmho/m	625.153	-10.619
Medium	0.016	0.757	V	0.000	464.000	mmho/m	625.992	-9.739

Downhole Calibration

	Readings			References			Results	
	Zero	Cal		Zero	Cal		m'	b'
Deep	0.000	0.000	mmho/m	2.011	405.777	mmho/m	1.000	0.000
Medium	0.000	0.000	mmho/m	7.590	503.393	mmho/m	1.000	0.000
LL3		7.500	V		1500.000	Ohm-m		
		0.000	V		20.000	Ohm-m		
		-6.500	V		3800.000	mmho-m		

	Zero	Cal		Zero	Cal		m'	b'
Deep	0.000	0.000	mmho/m	0.000	0.000	mmho/m	0.000	0.000
Medium	0.000	0.000	mmho/m	0.000	0.000	mmho/m	0.000	0.000
LL3		1.000	Ohm-m		1.000	Ohm-m		
		0.000	Ohm-m		0.000	Ohm-m		
		1.000	mmho-m		1.000	mmho-m		

Litho Density Calibration Report
 Serial: 002 Model: PRB
 Performed Mon Oct 29 15:40:49 2007

Litho Density Calibration

	Background	Magnesium	Aluminum	Sandstone	
Window 1	1056.3	9118.0	2809.7	10378.4	cps
Window 2	969.9	7671.9	2431.6	8565.8	cps
Window 3	683.8	2939.8	1161.0	3161.8	cps
Window 4	231.4	231.6	226.7	230.8	cps
Long Space	0.0	6702.0	1461.7	7595.9	cps
Short Space	1.2	1433.6	959.4	1568.6	cps
Rho		1.7100	2.5900	1.3800	g/cc
Pe			2.5700	1.5500	
Rib Angle	: 45.2	Rib Slope	: 1.008	Density/Spine Ratio	: 0.559
Spine Angle	: 75.2	Spine Slope	: 3.791	Spine Intercept	: -18.7

Caliper

	Readings	Reference
Low Ref	3.1	8.0
High Ref	5.4	14.0
	Gain: 2.5	Offset: 1.3

Compensated Neutron Calibration Report

Serial Number: 5I
 Tool Model: G

CALIBRATION

Detector	Readings	Target	Normalization
Short Space	1.00 cps	1.00 cps	1.0000
Long Space	1.00 cps	1.00 cps	1.0000

Gamma Ray Calibration Report

Serial Number: GR6
 Tool Model: OPEN
 Performed: Wed Jul 14 14:14:30 2010

Calibrator Value: 150.0 GAPI

Background Reading: 0.0 cps
 Calibrator Reading: 276.0 cps

Sensitivity: 0.5335 GAPI/cps



SUPERIOR
Hays,
Kansas

**SONIC
LOG**

LOTUS OPERATING CO., LLC

Company

Well KOPPITZ #1
Field STRANATHAN
County BARBER
State KANSAS

Company LOTUS OPERATING COMPANY, LLC
Well KOPPITZ #1
Field STRANATHAN
County BARBER State KANSAS

Location:	API #: 15-007-23565-0000	Other Services
	900' FNL & 600' FWL	CDL/CNL/PE MEL/DIL
	SEC 2 TWP 35S RGE 12W	Elevation
Permanent Datum	GROUND LEVEL	Elevation 1391
Log Measured From	KELLY BUSHING 13' A.G.L.	K.B. 1404
Drilling Measured From	KELLY BUSHING	D.F. 1402
		G.L. 1391

Rate	8-5-10	
Well Number	TWO	
Depth Driller	5200	
Depth Logger	5203	
Bottom Logged Interval	5193	
Depth Log Interval	220	
Logging Driller	10 3/4" @ 260'	
Logging Logger	260	
Bit Size	7 7/8	
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 5000 PPM
Density / Viscosity	9.4/46	
Loss / Fluid Loss	10.0/10.4	
Source of Sample	FLOWLINE	
Temp @ Meas. Temp	.70 @ 97F	
Temp @ Meas. Temp	.52 @ 97	
Temp @ Meas. Temp	.84 @ 97F	
Source of Rmf / Rmc	MEASURED	
Temp @ BHT	.53 @ 126F	
Time Circulation Stopped	2 HOURS	
Time Logger on Bottom		
Maximum Recorded Temperature	126F	
Equipment Number	680	
Location	HAYS, KS.	
Recorded By	JASON CAPPELLUCCI	
Witnessed 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 (785) 628-6395
DIRECTIONS
MEDICINE LODGE KS. - S. TO MM 8 (RATTLESNAKE TRAIL) - 1 W. - 1 S.
1 W. - S. INTO

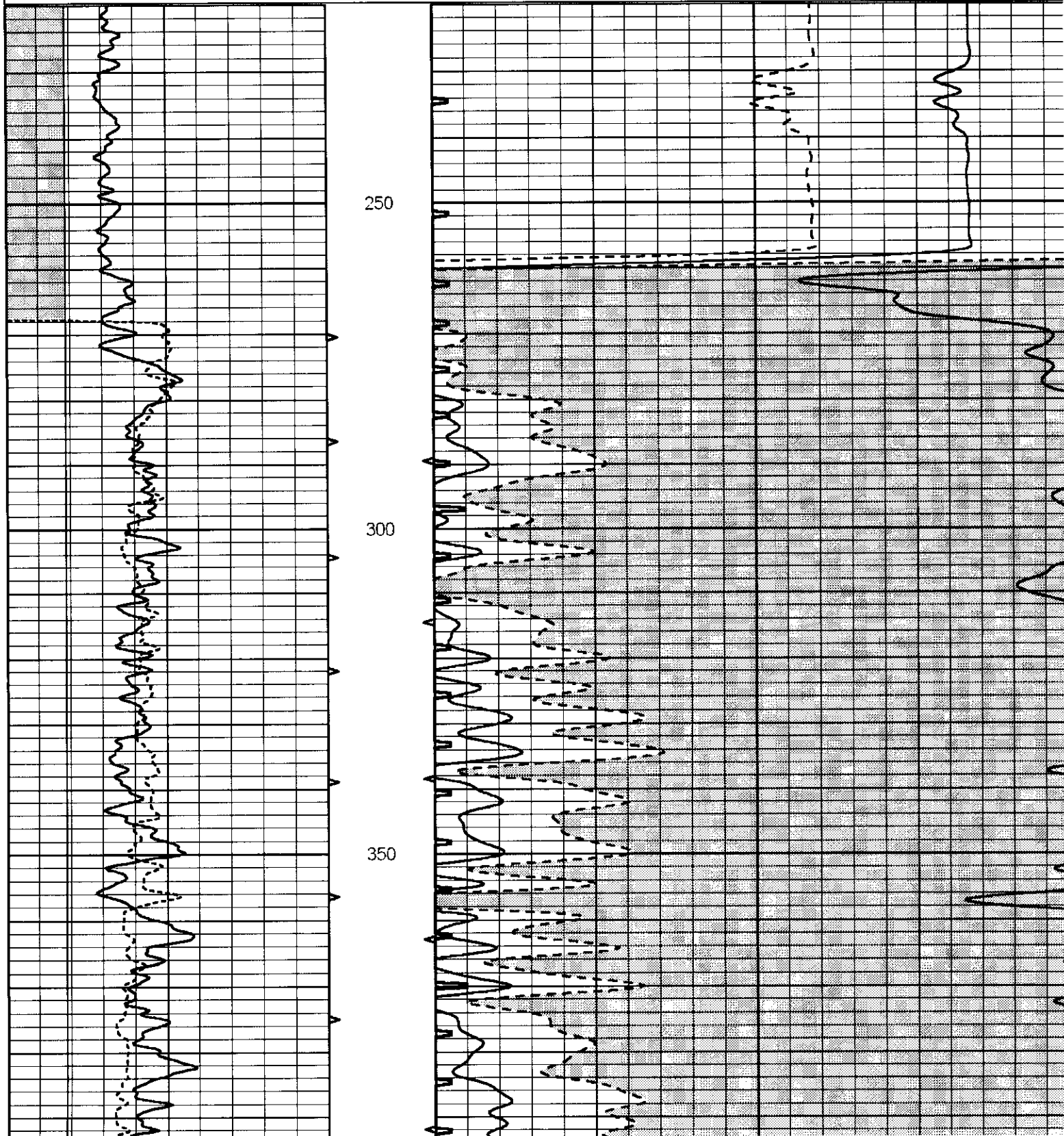


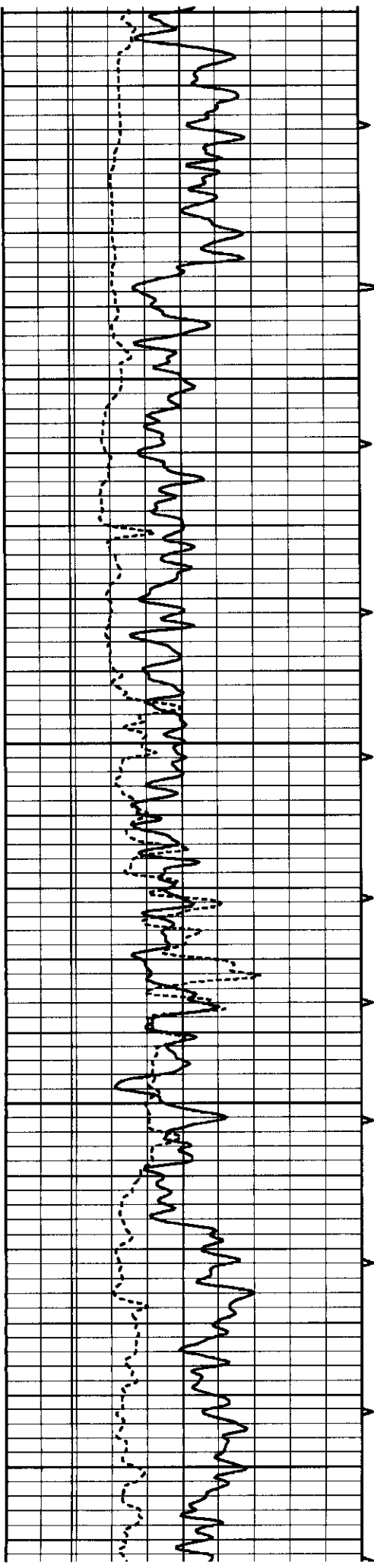
SUPERIOR
Hays,

MAIN SECTION

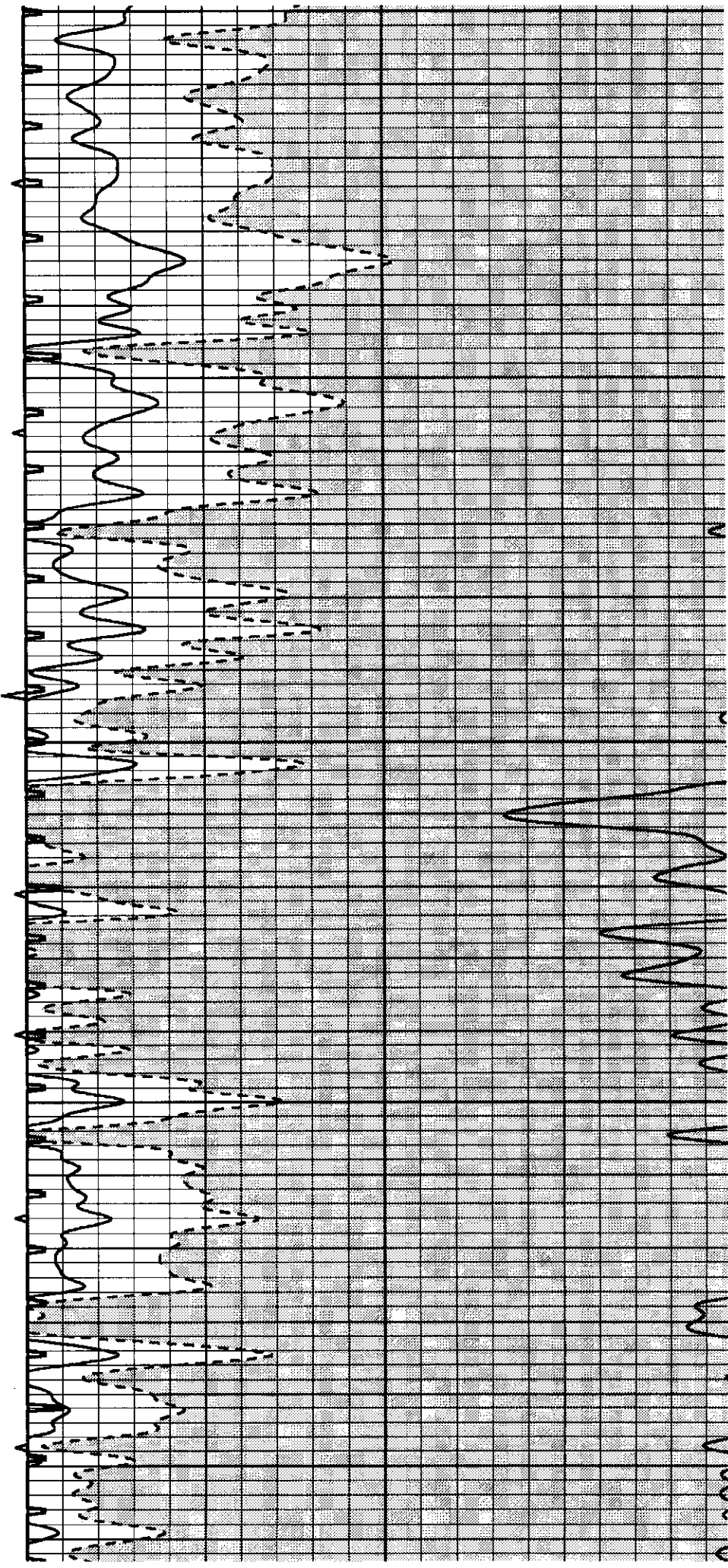
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 Presentation Format: _slt
 Dataset Creation: Thu Aug 05 15:28:25 2010 by Calc Open-Cased 090629
 Charted by: Depth in Feet scaled 1:240

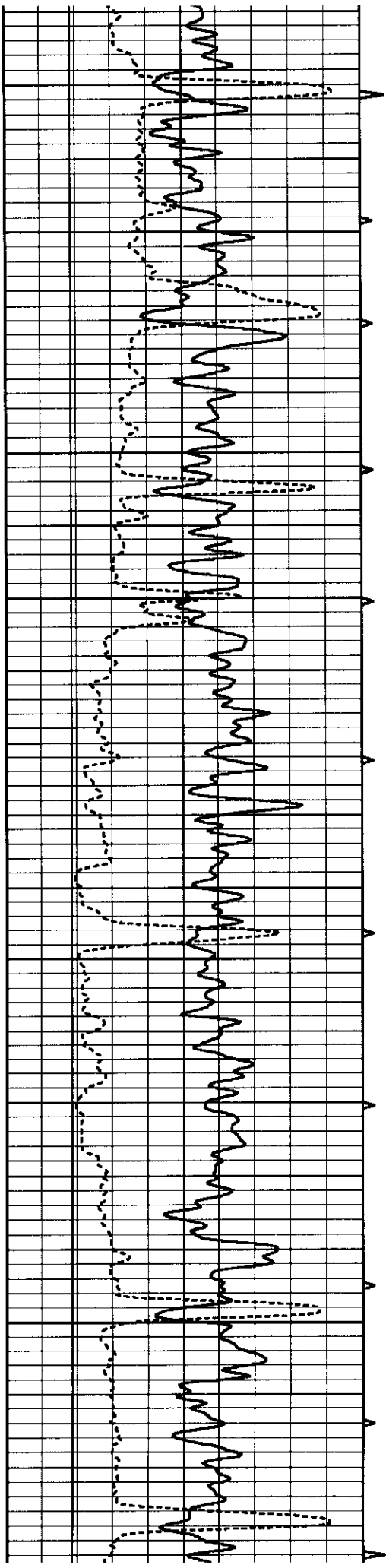
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6	CALIPER (in)	16	10 (ft3)	0	30	SONIC POROSITY (pu)	-1
			TBHV	0	ITT (msec)	20	
			0 (ft3)	10			





400
450
500
550
600



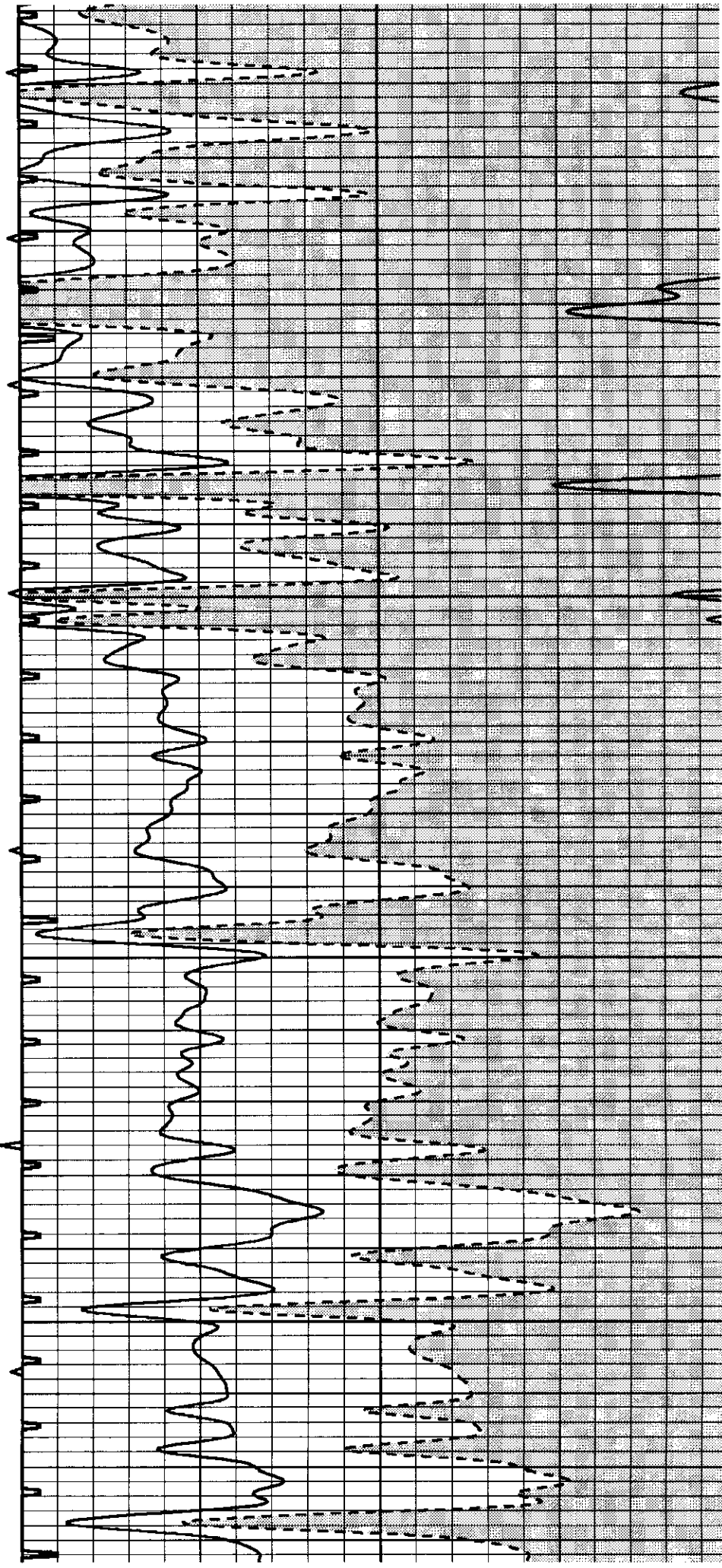


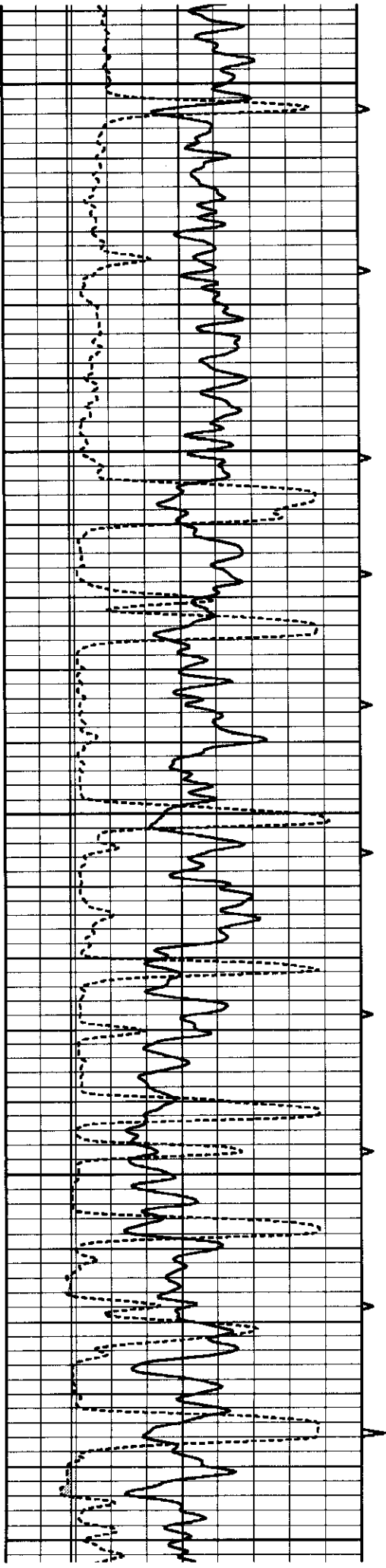
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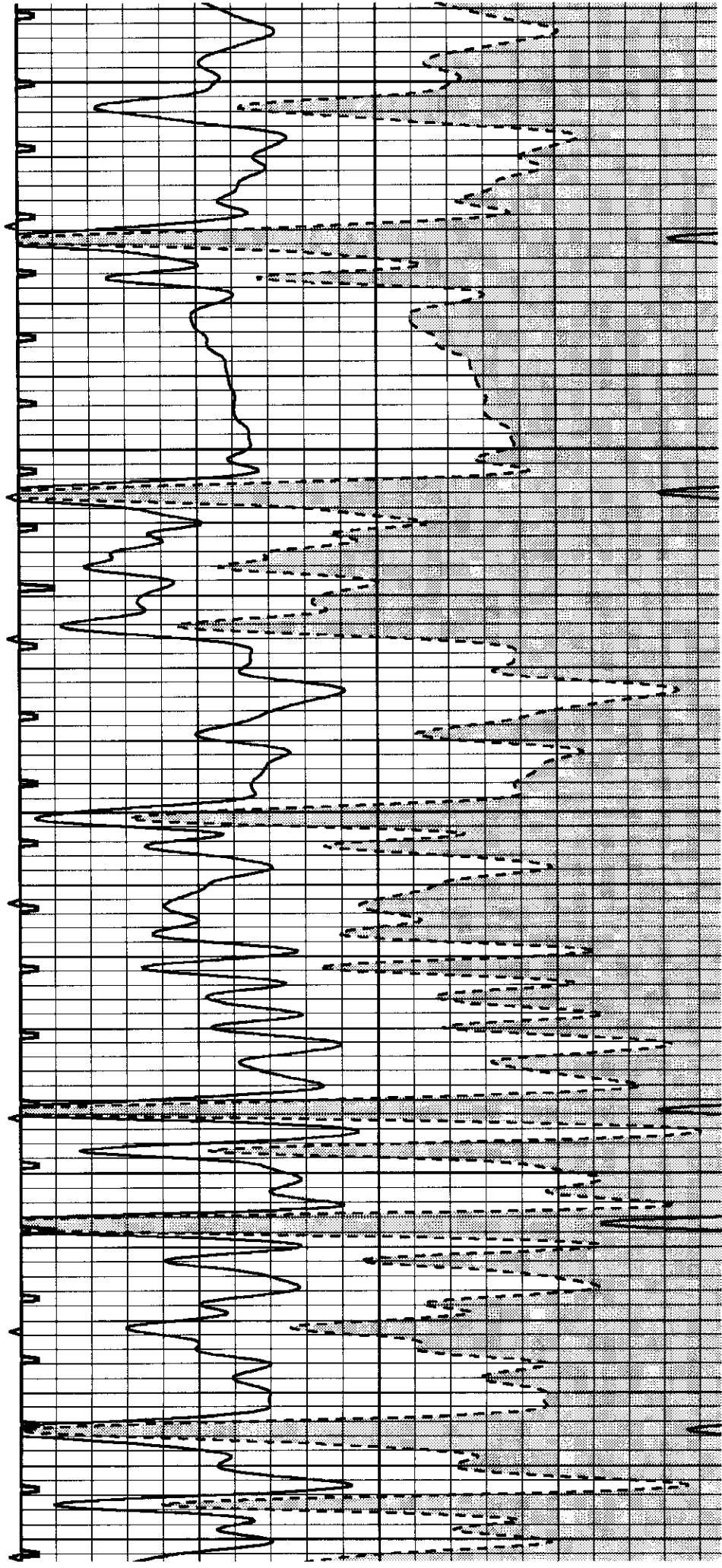
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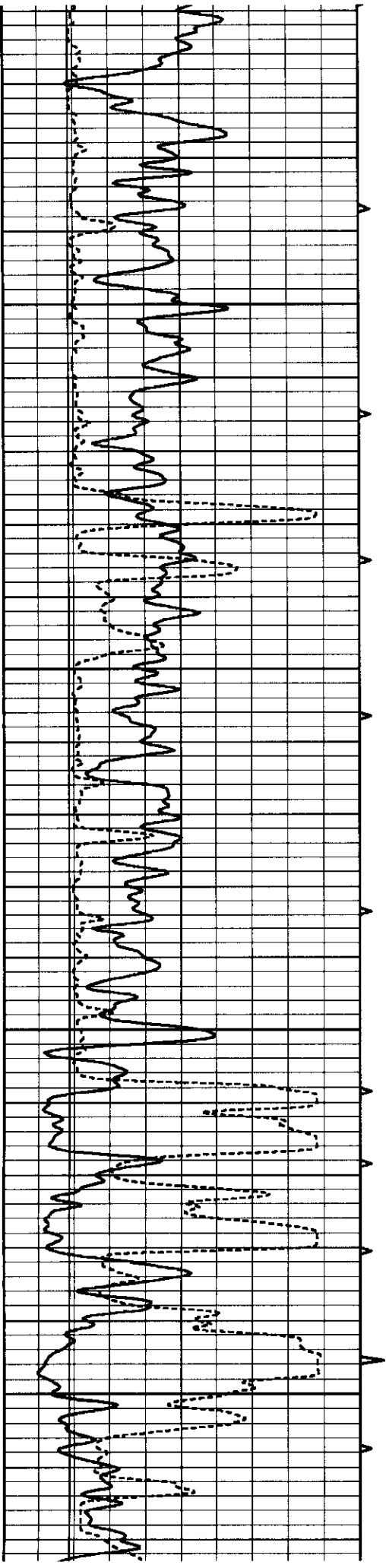
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850
900
950
1000
1050



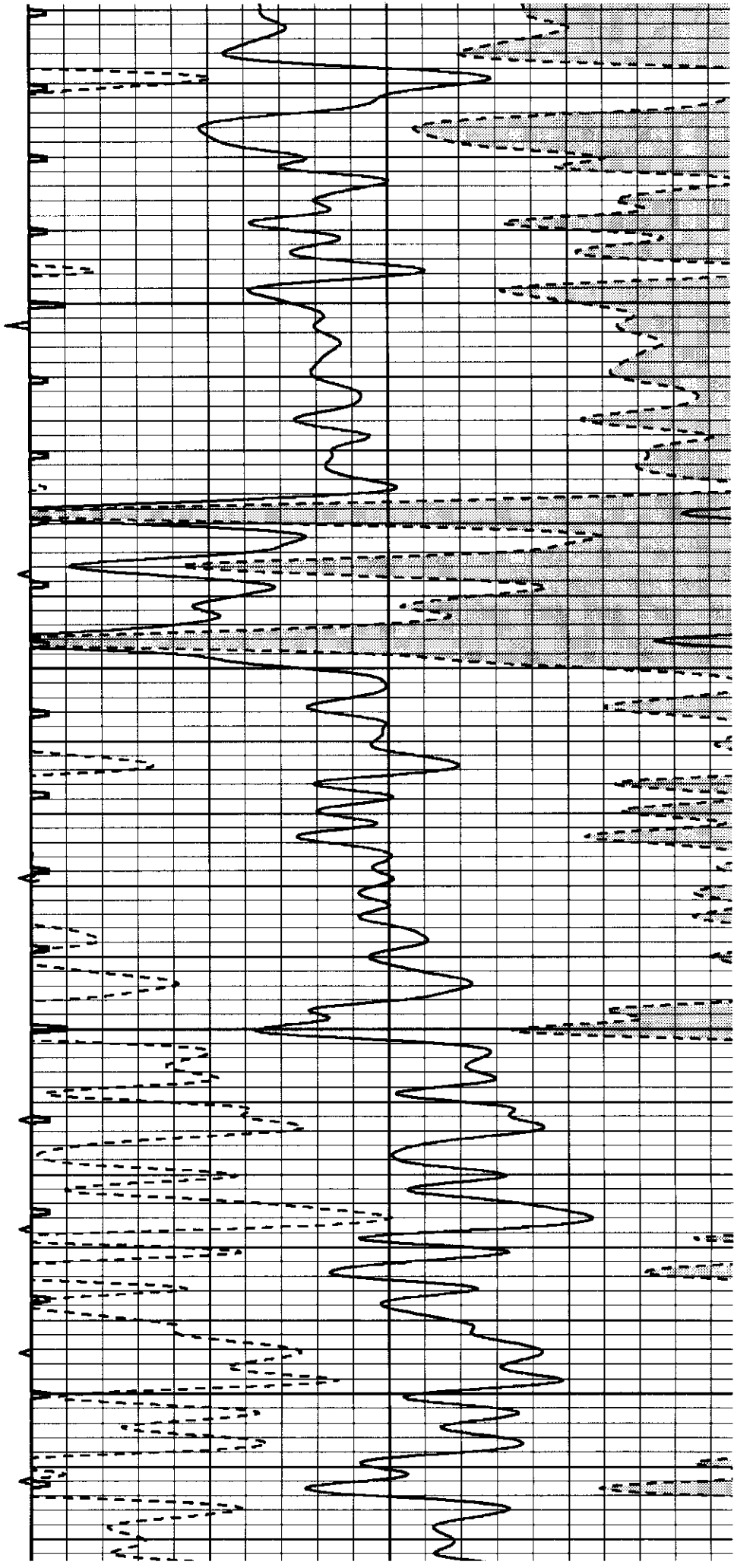


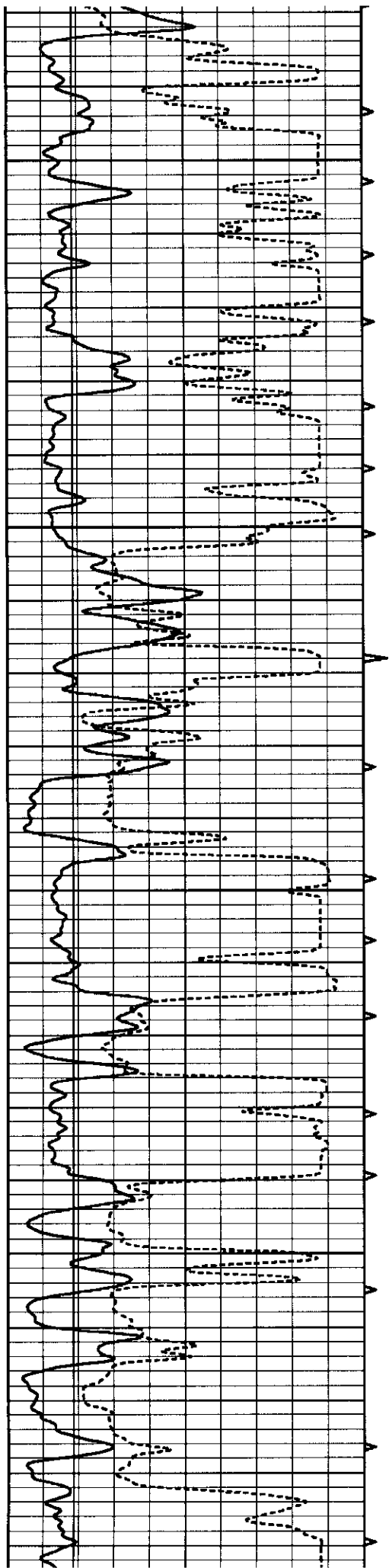
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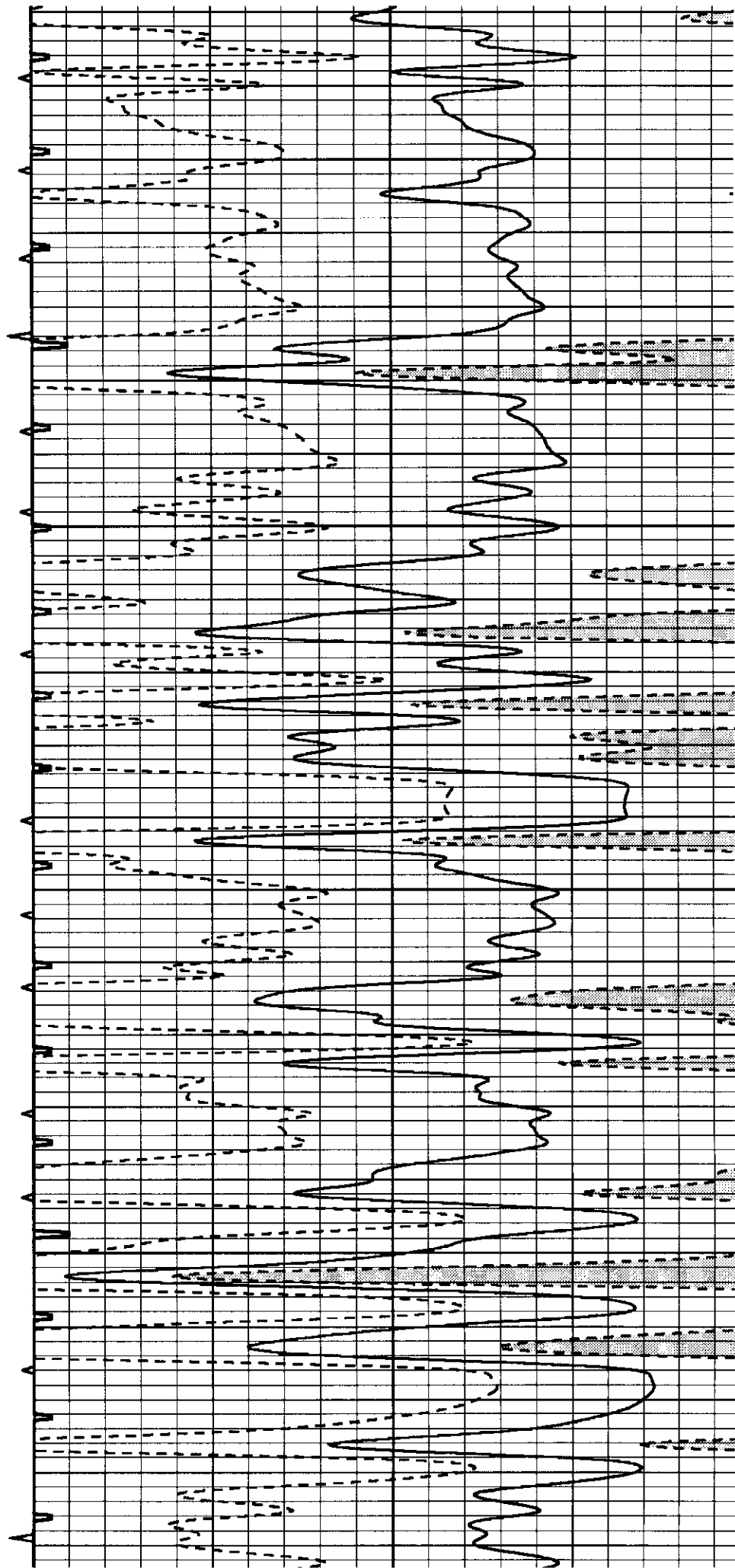


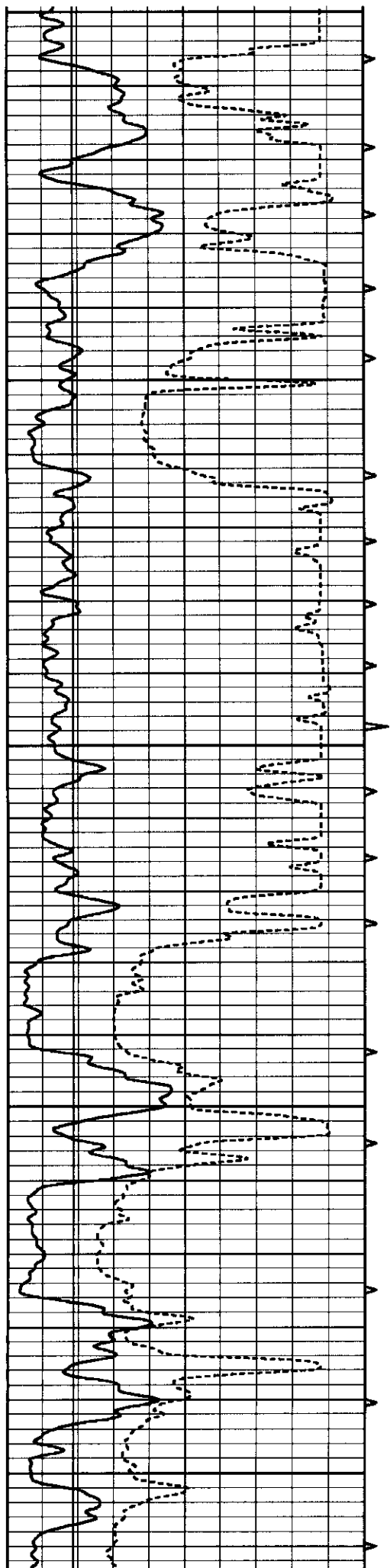
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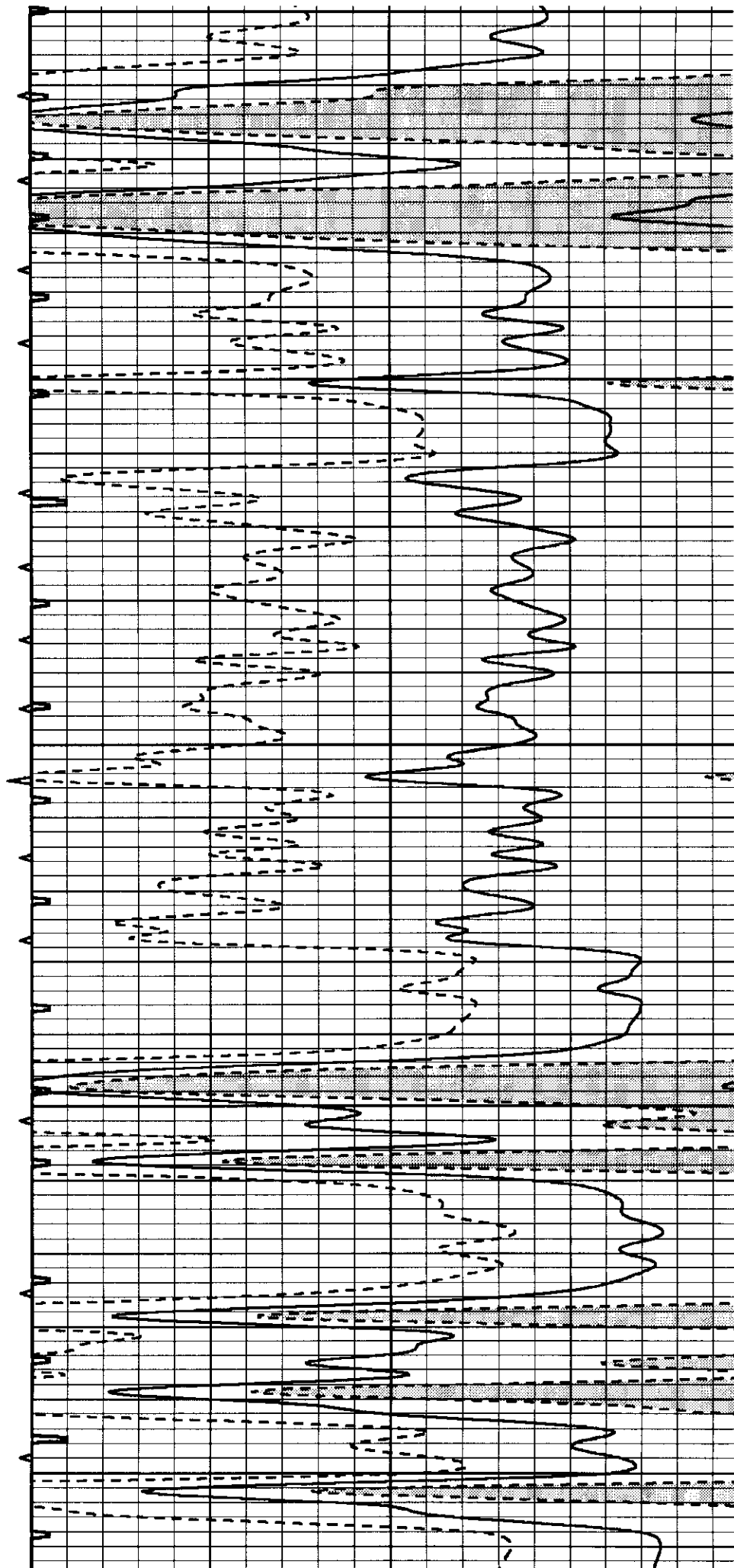
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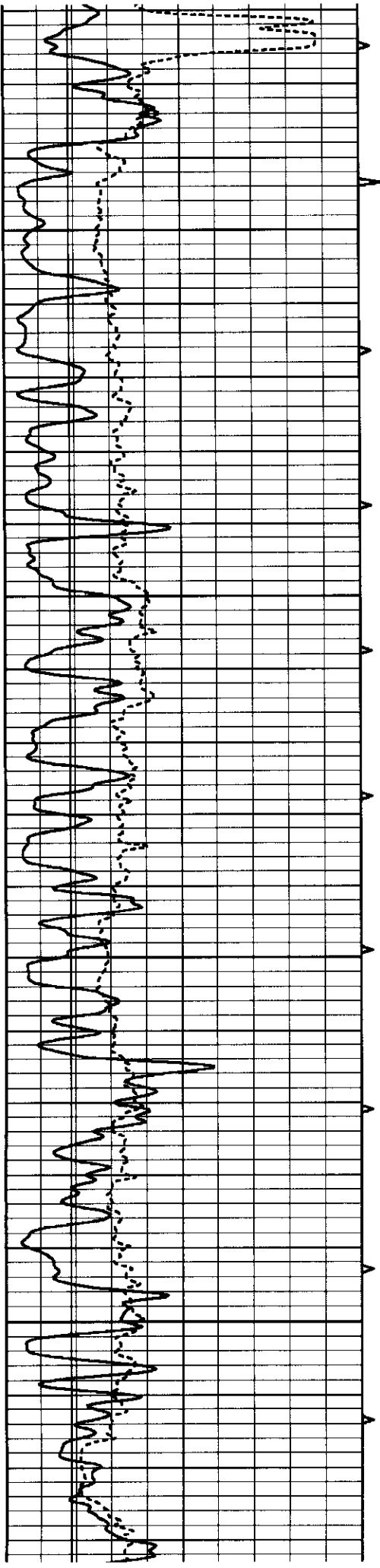
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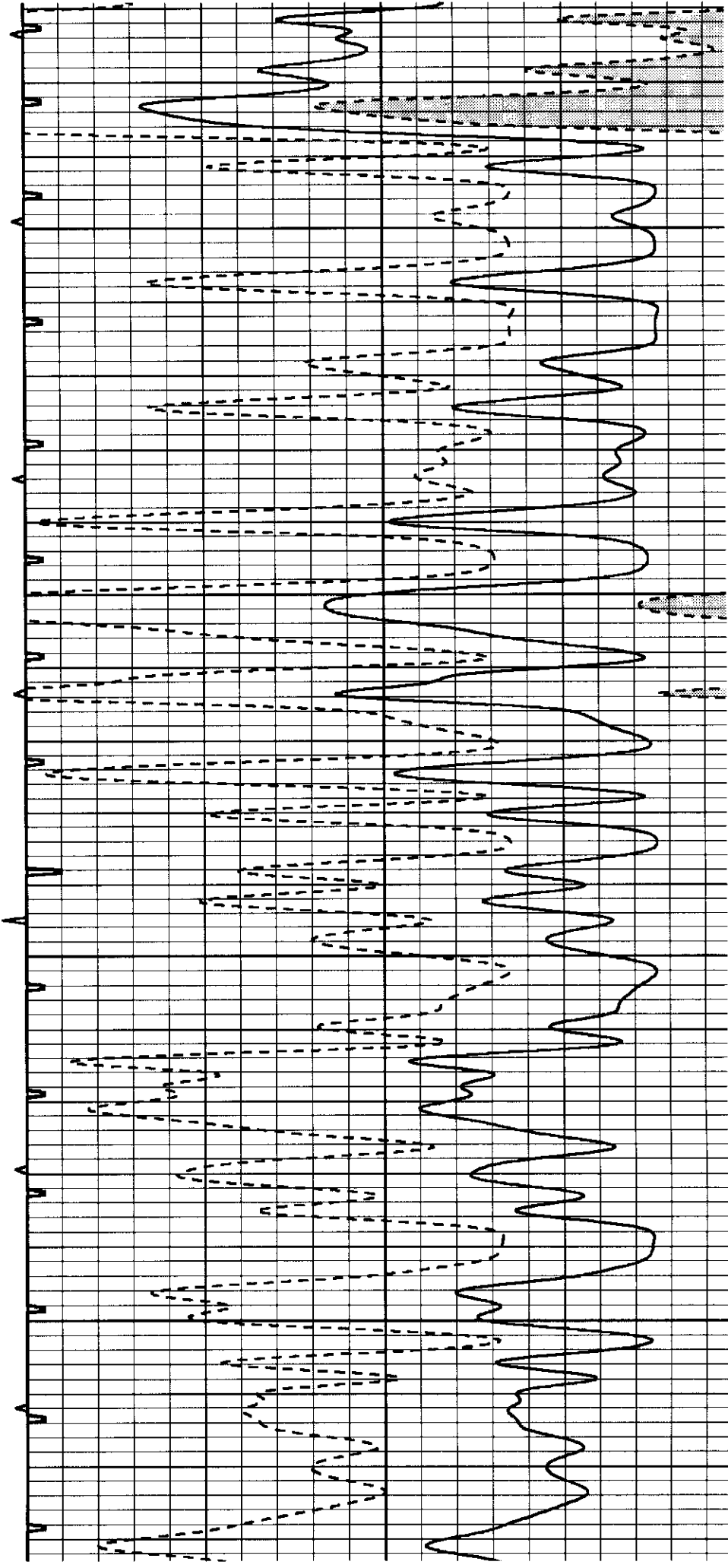


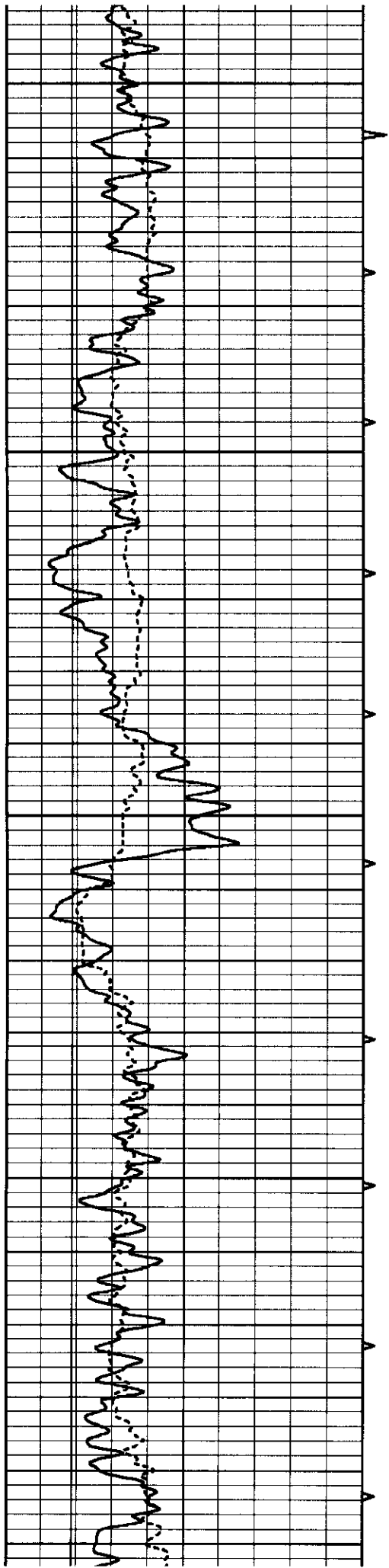
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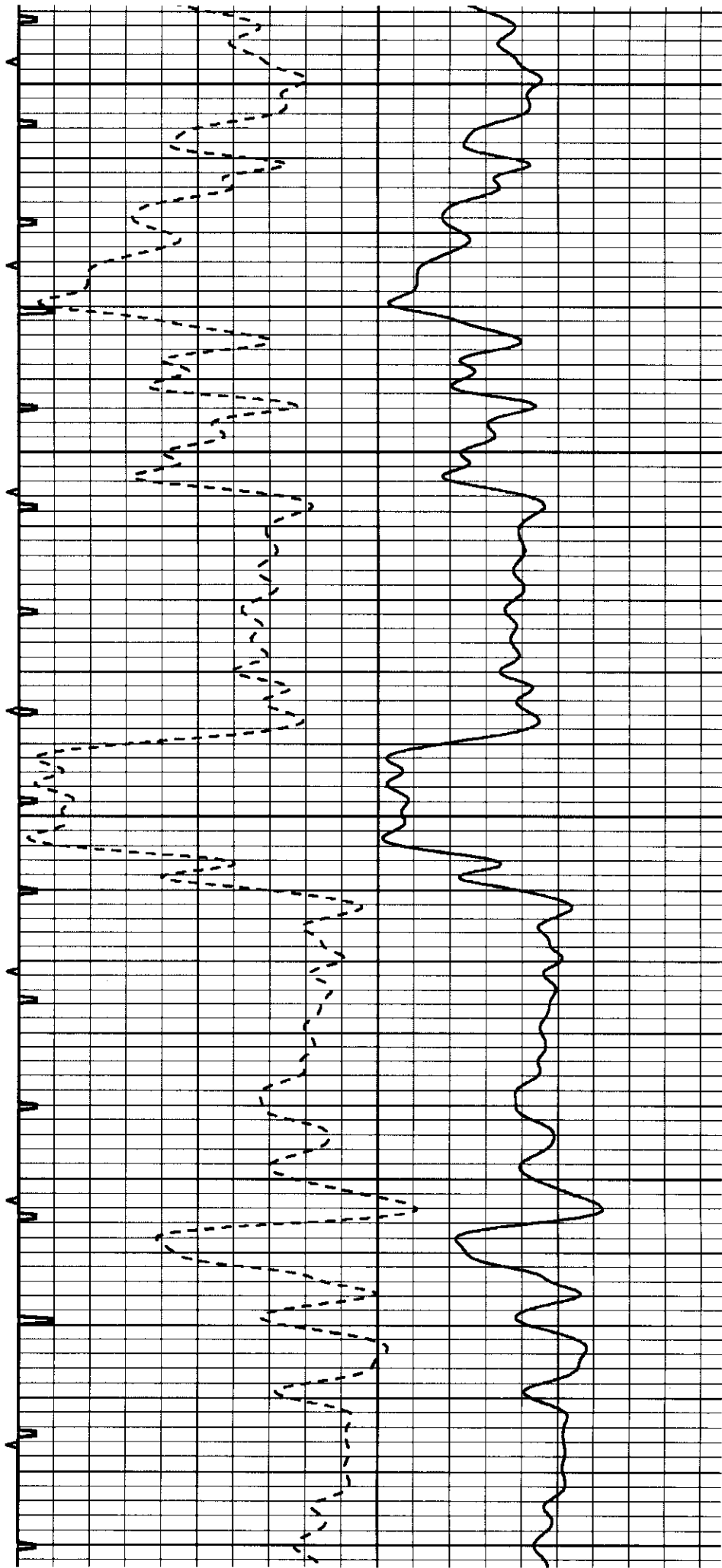
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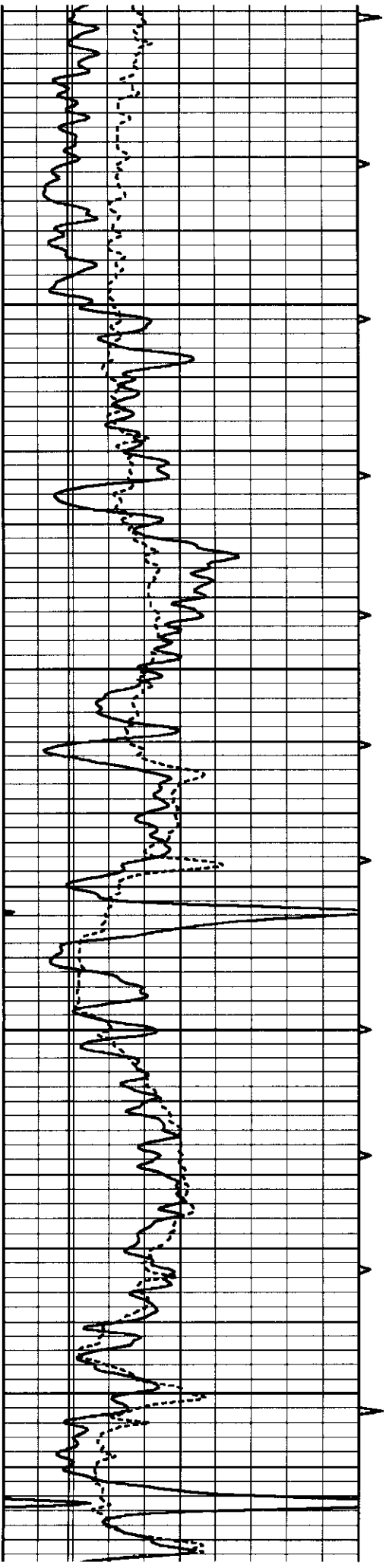
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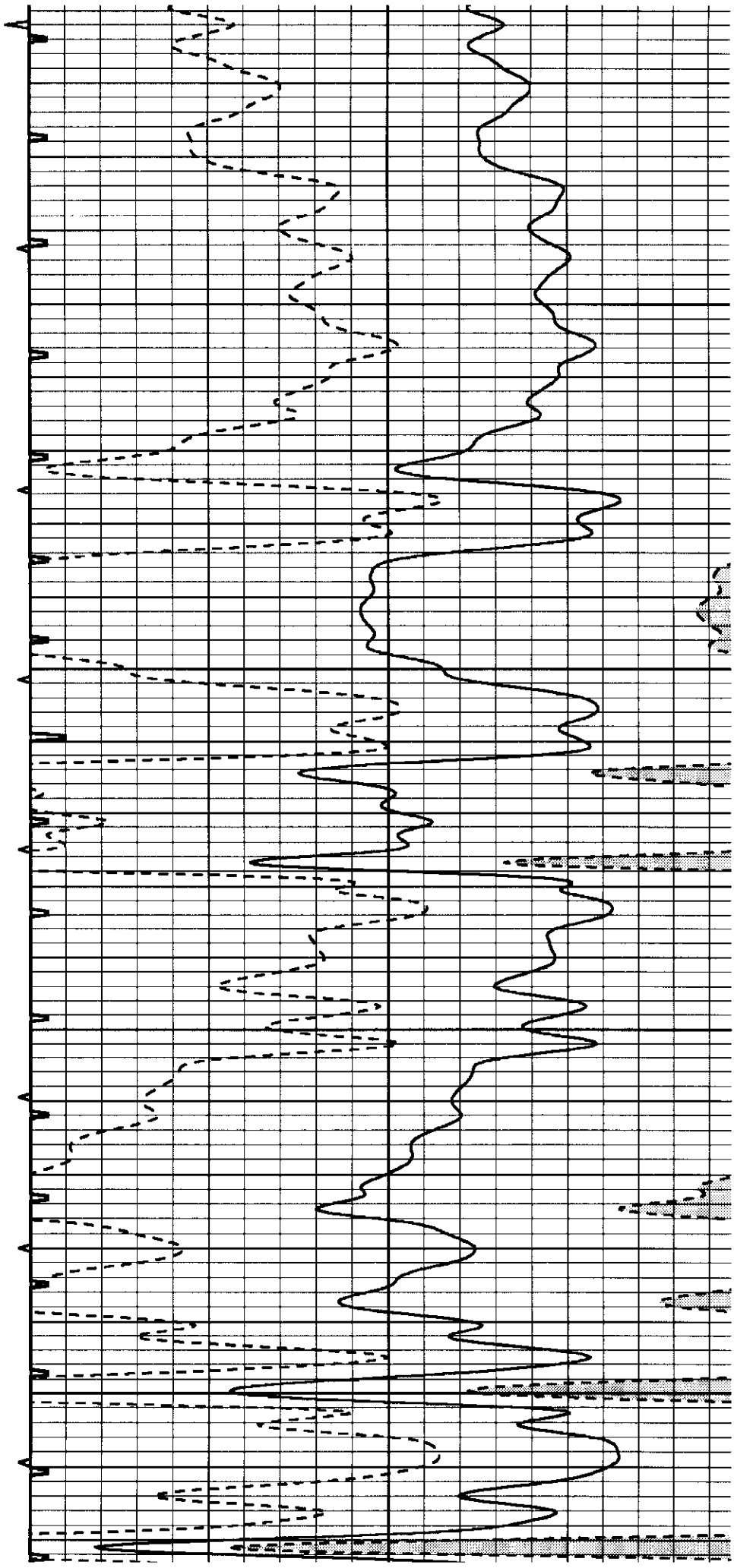


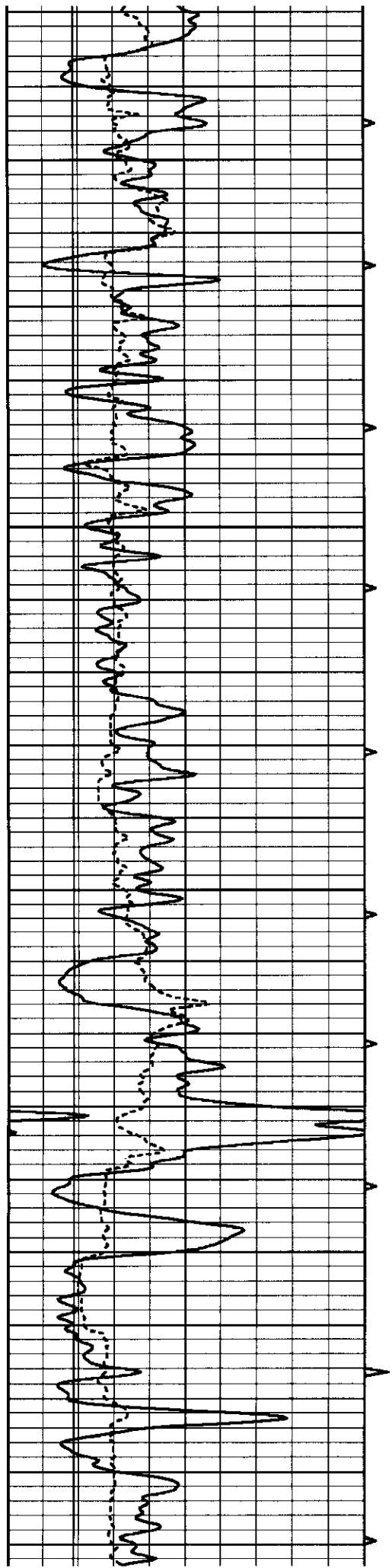
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2300

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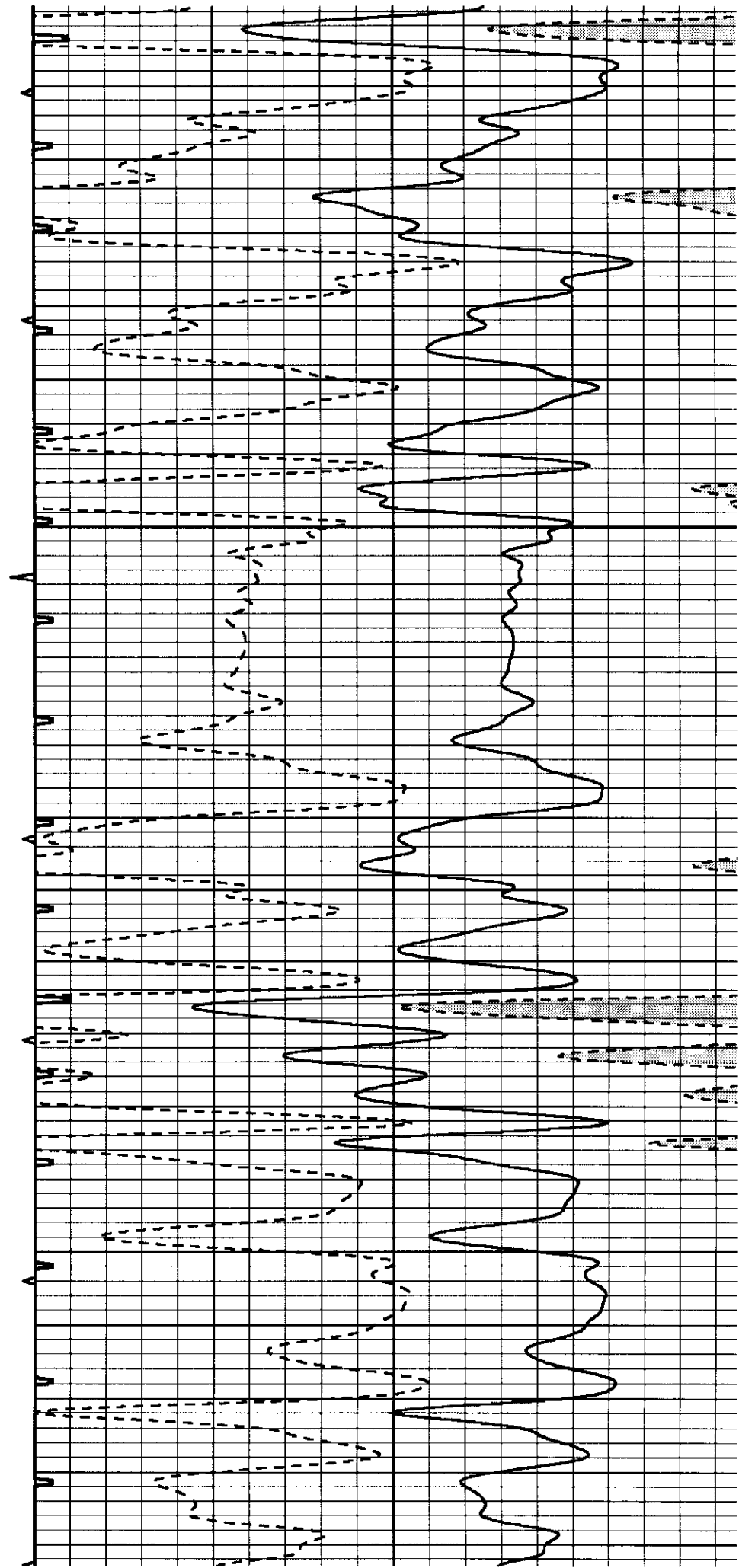


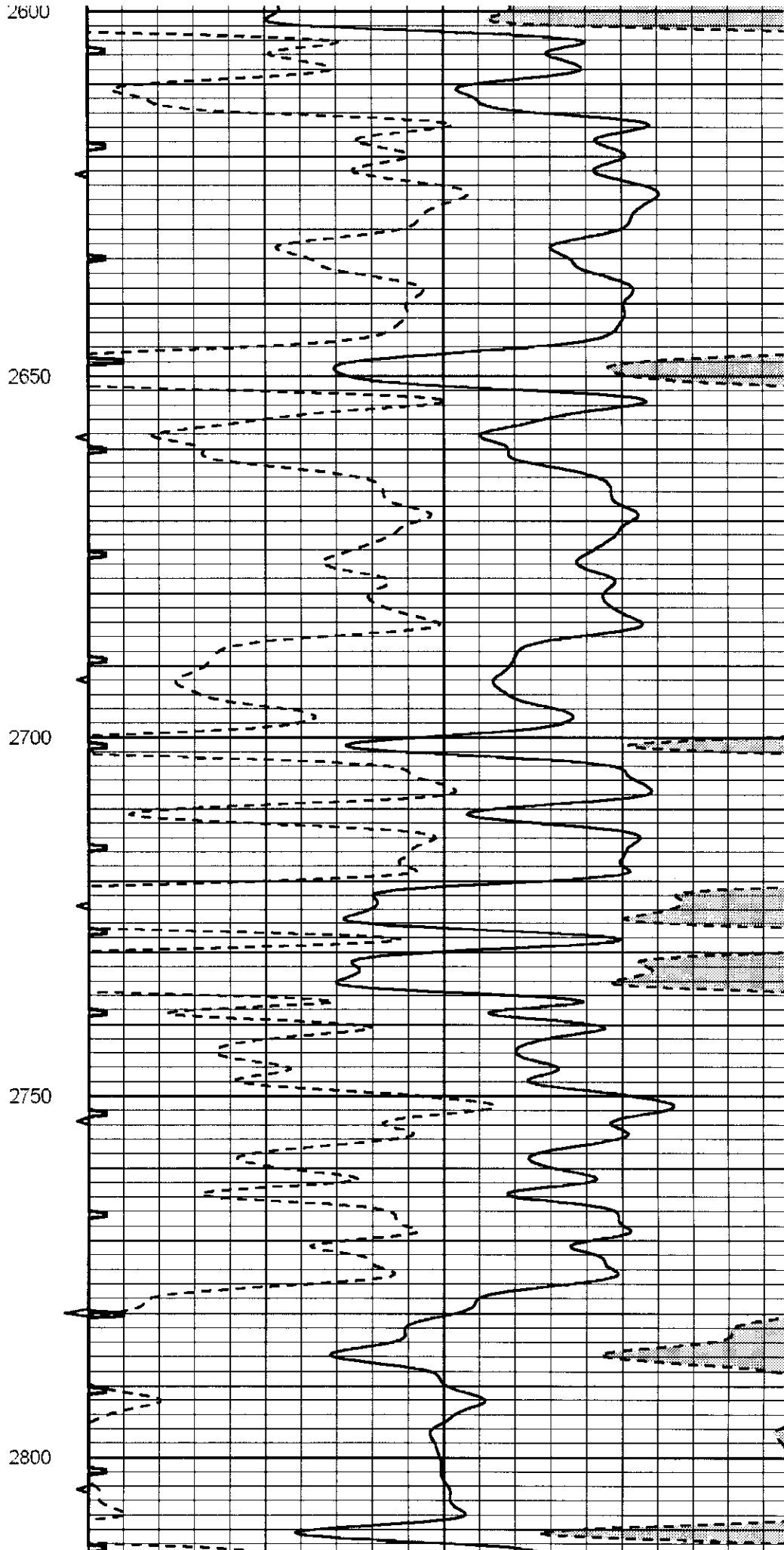
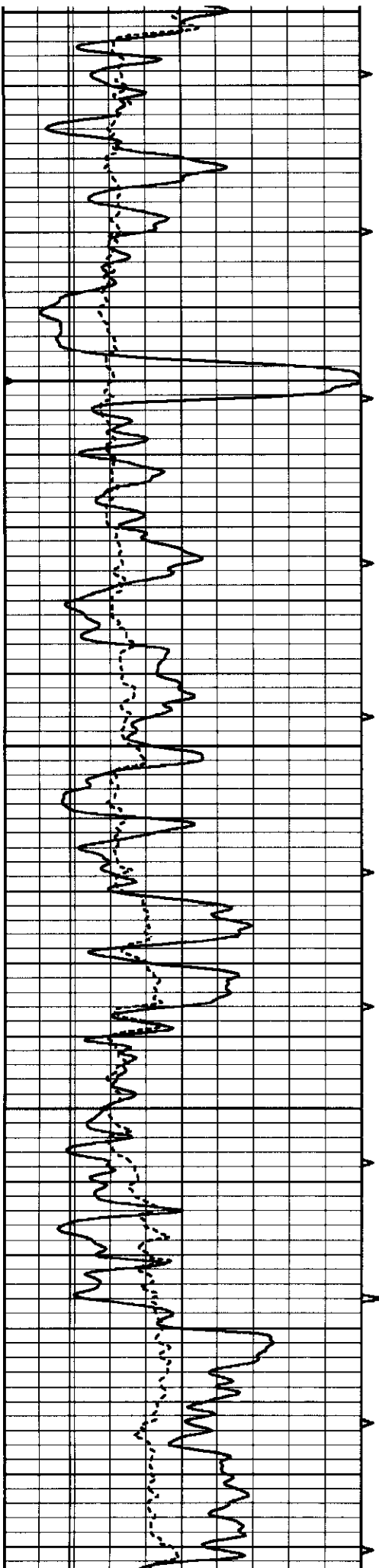
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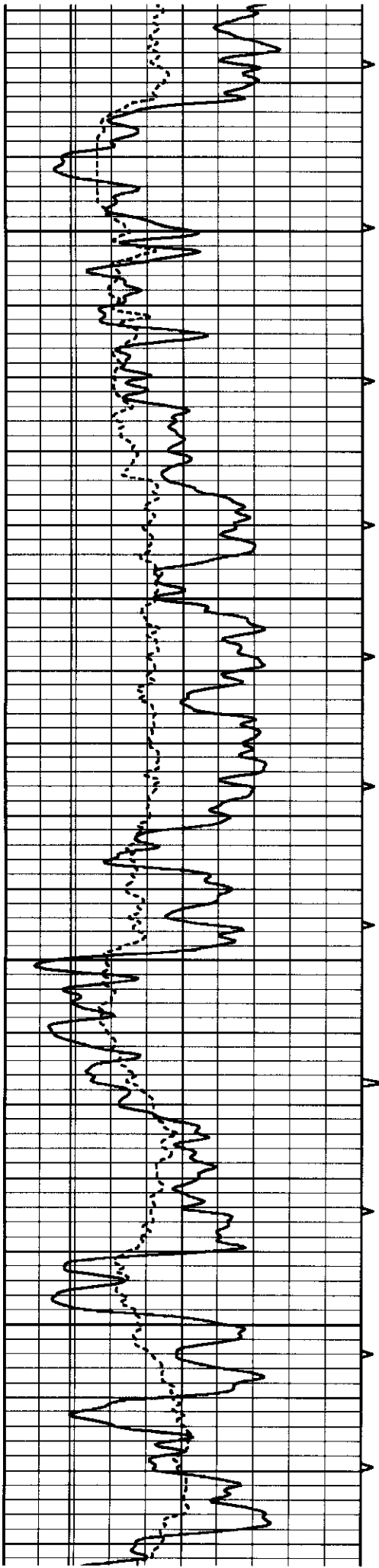
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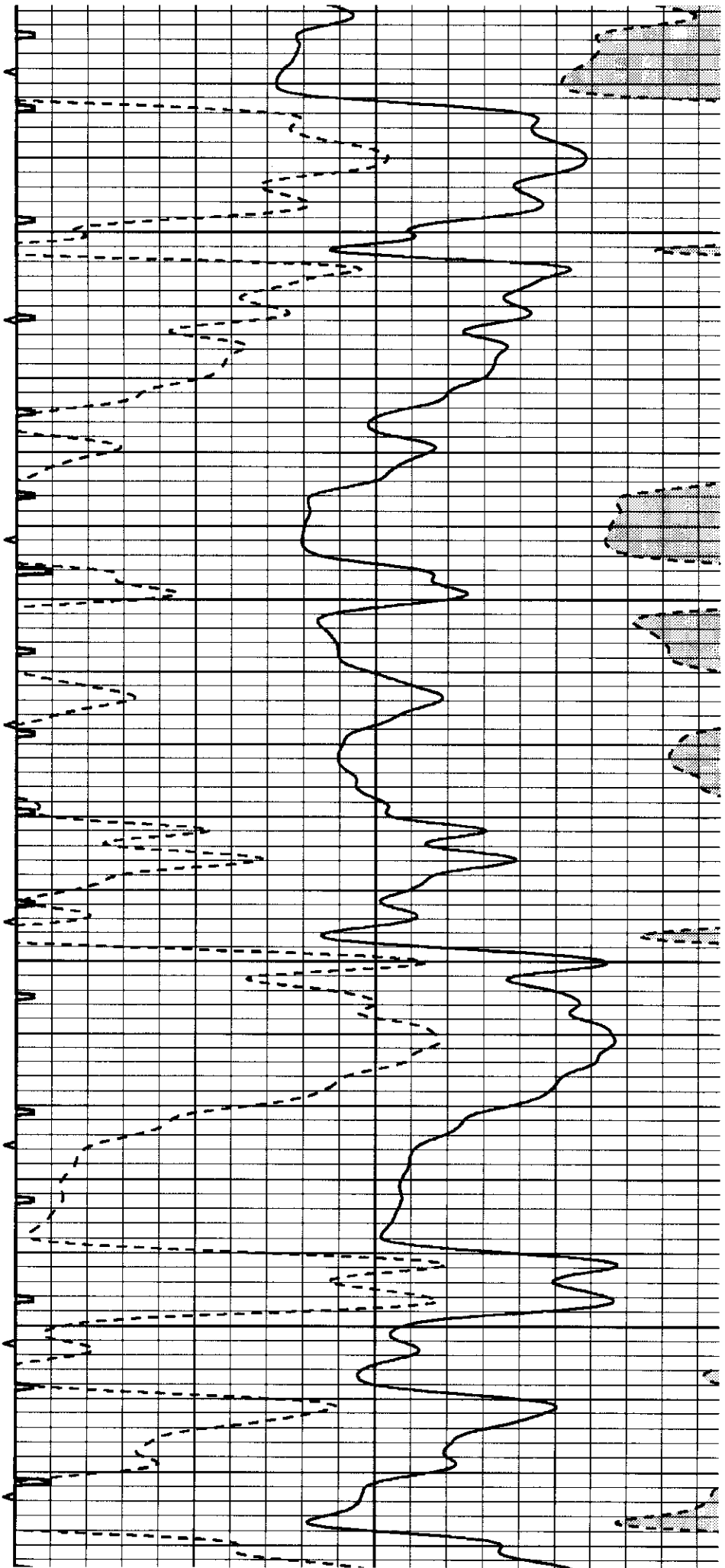


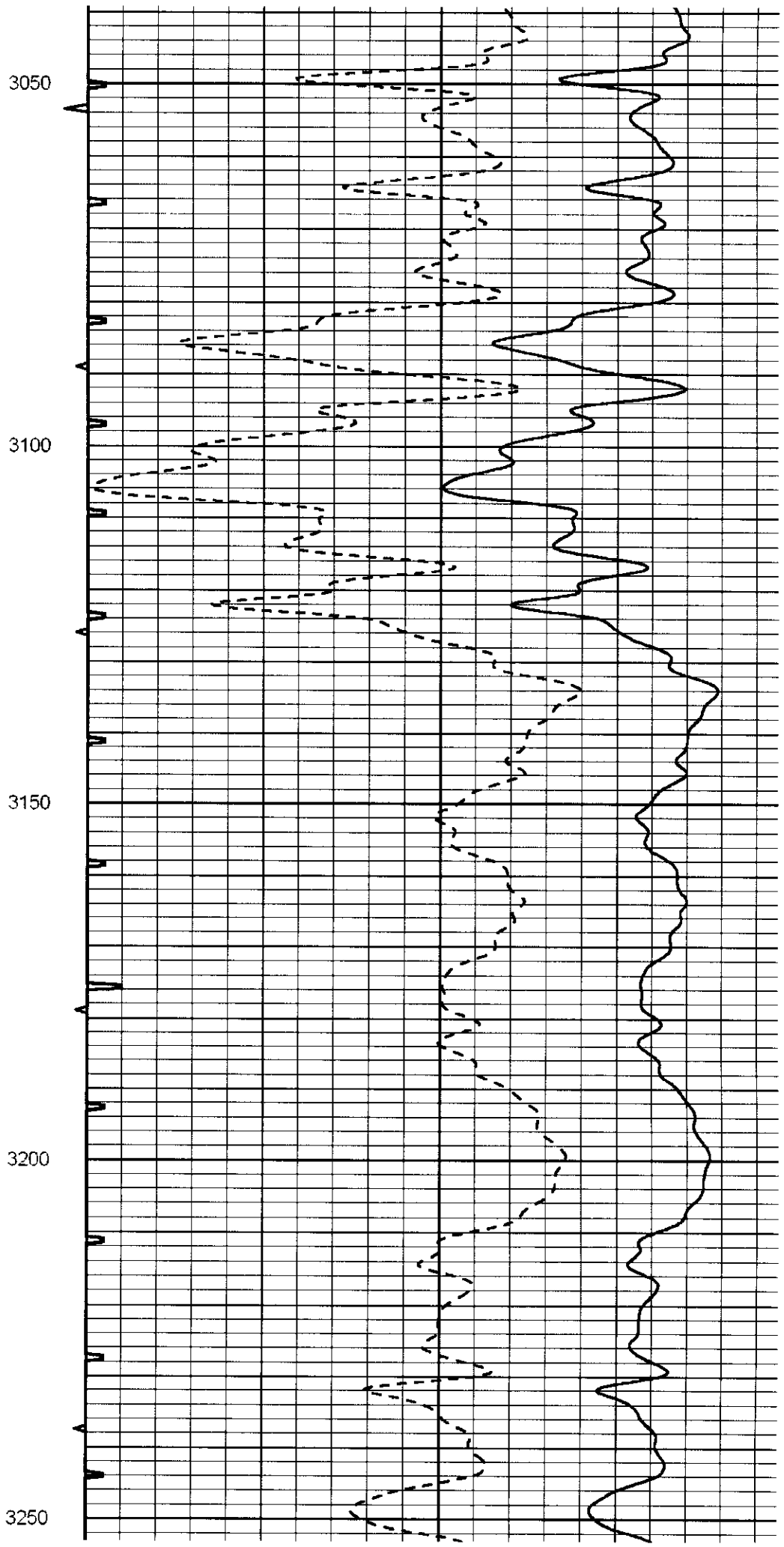
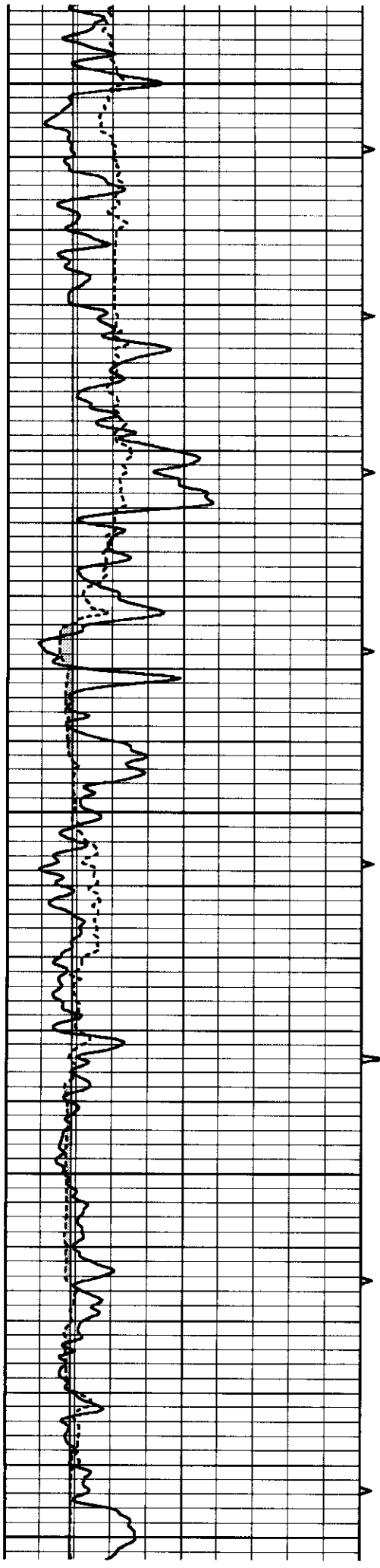
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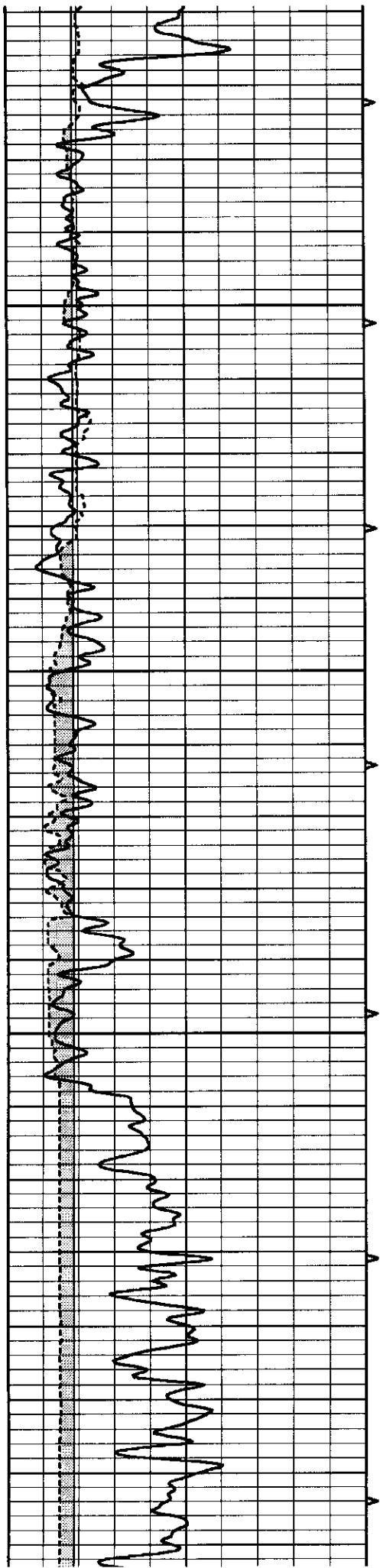
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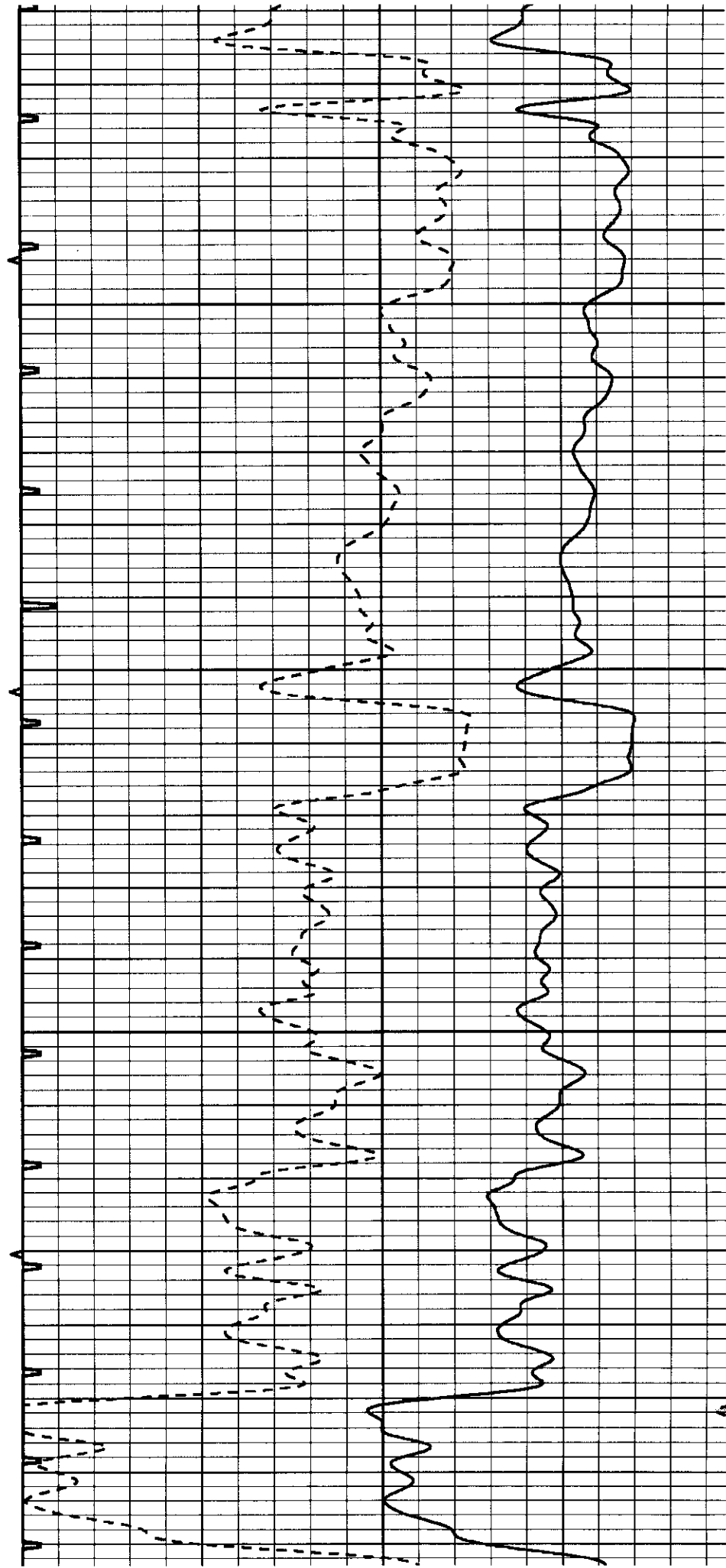


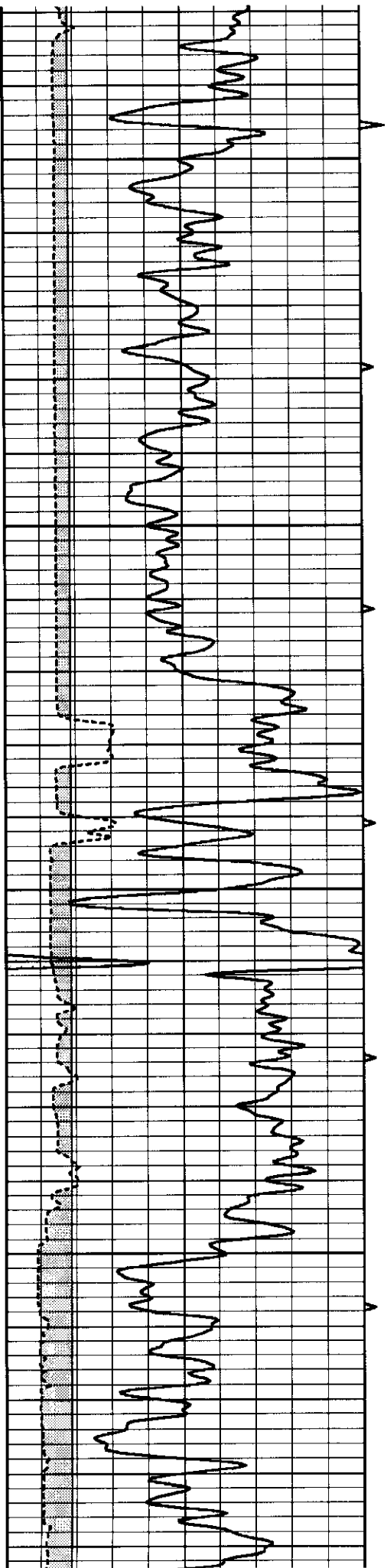
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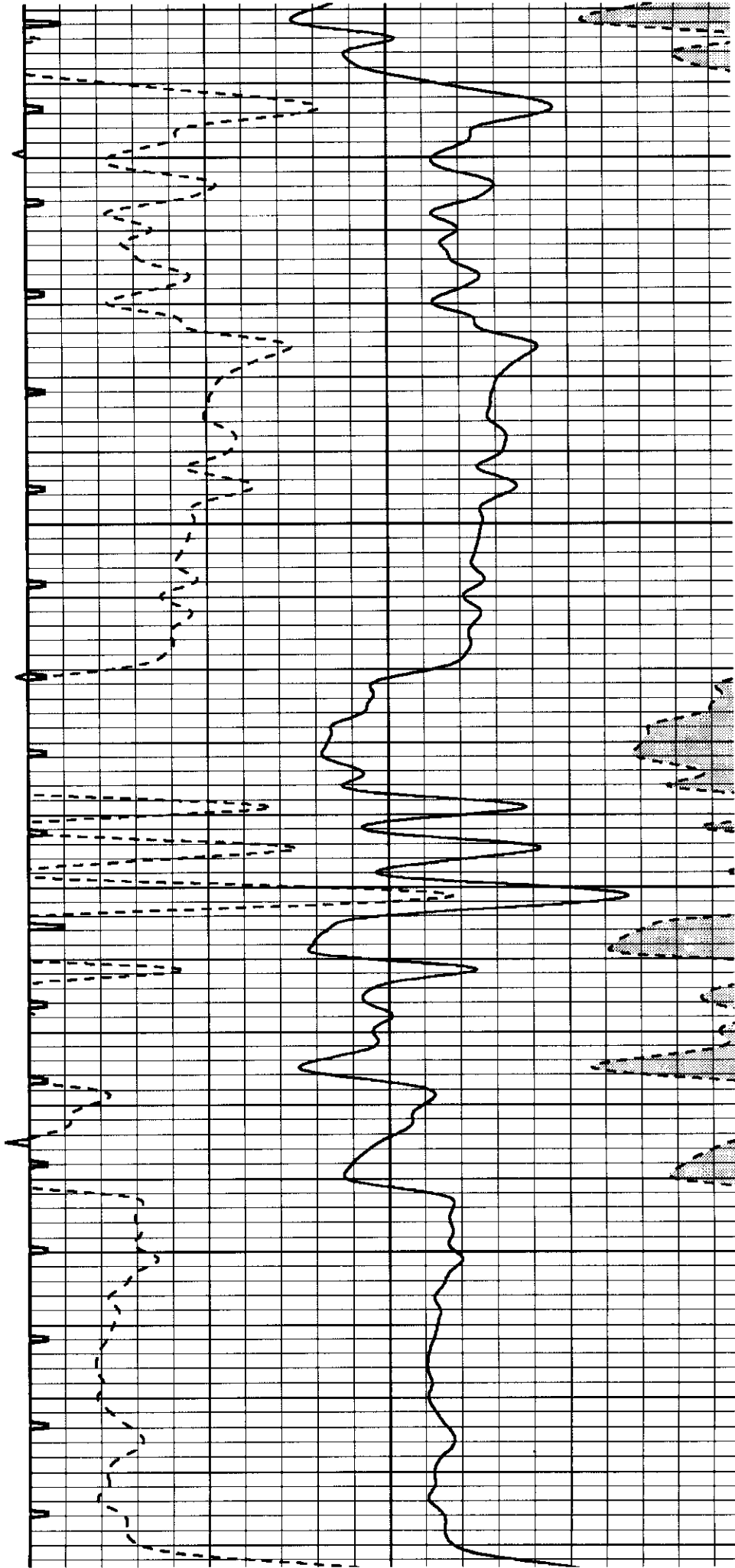


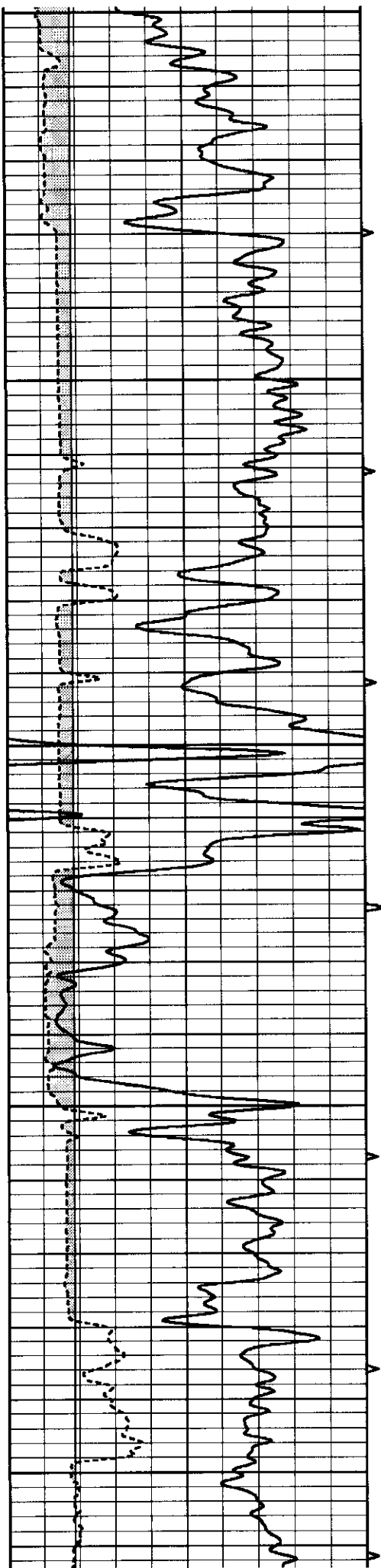
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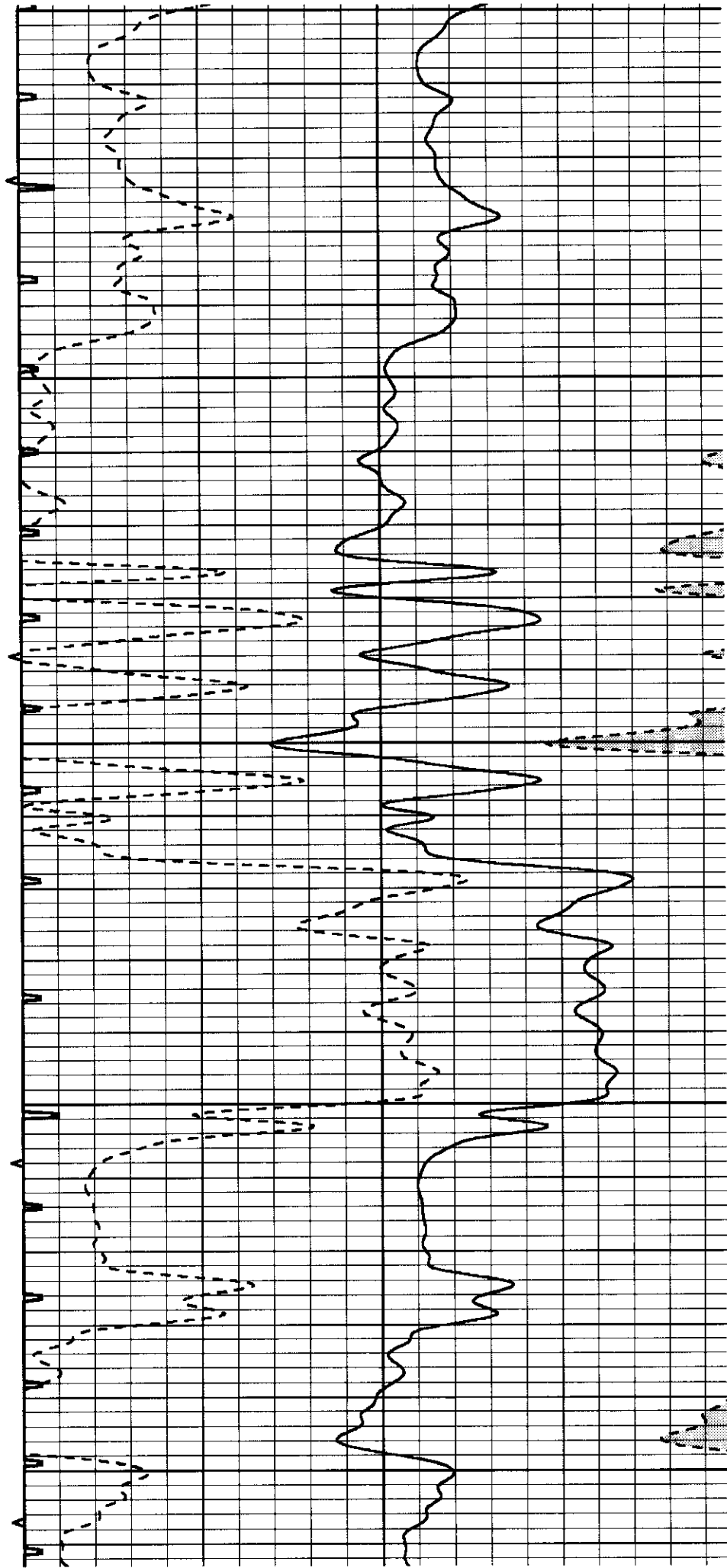
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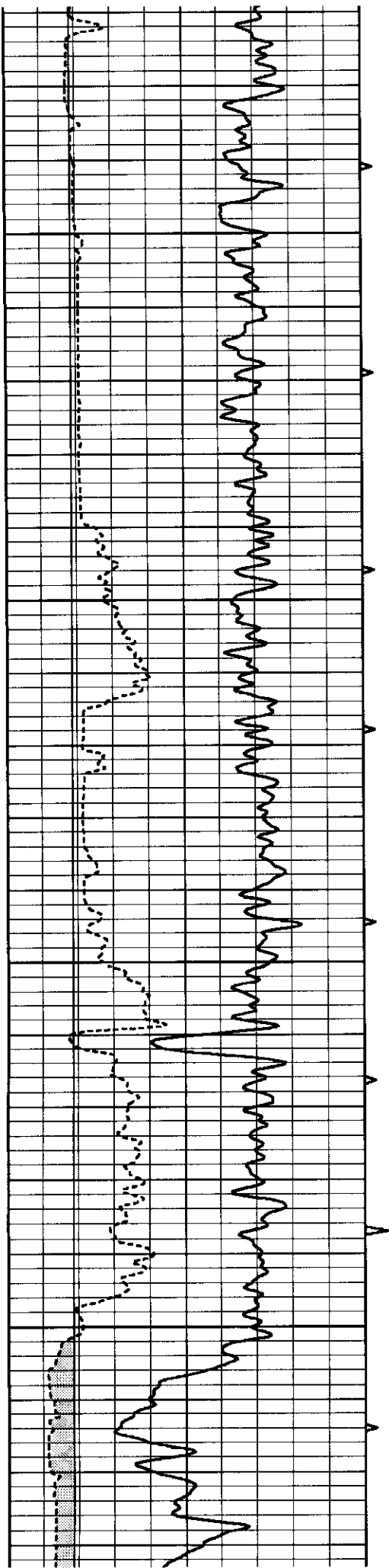
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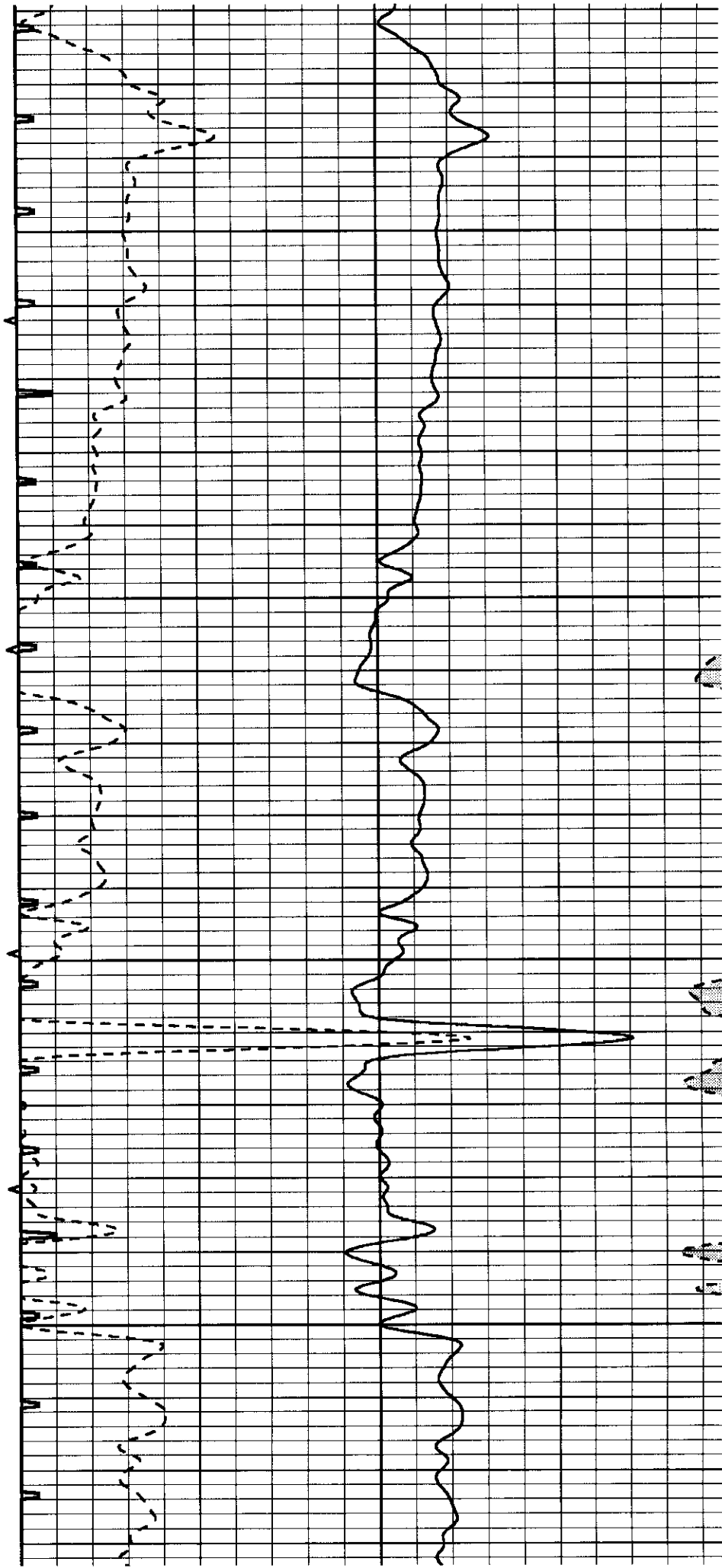


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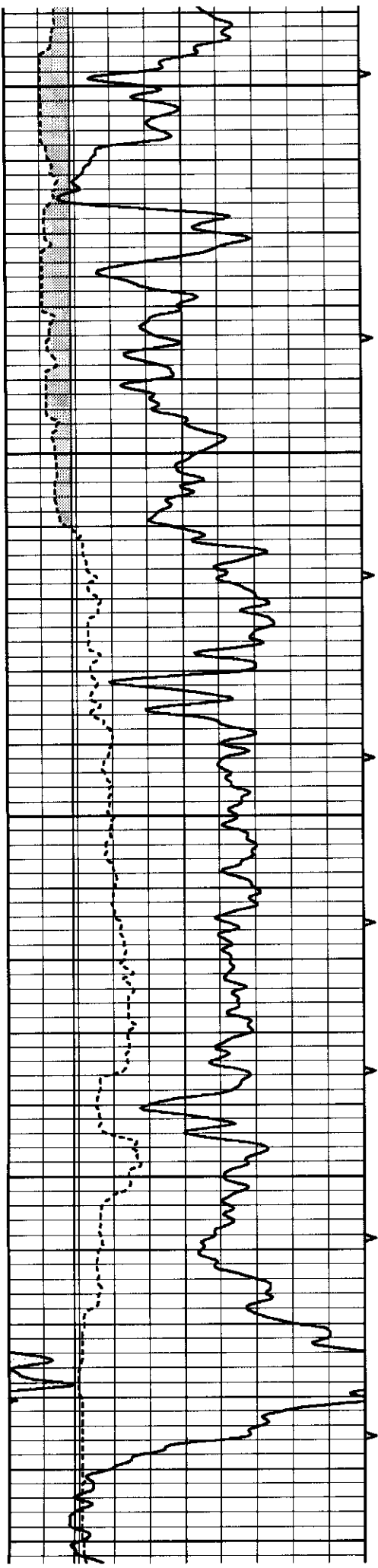


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4000

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4100



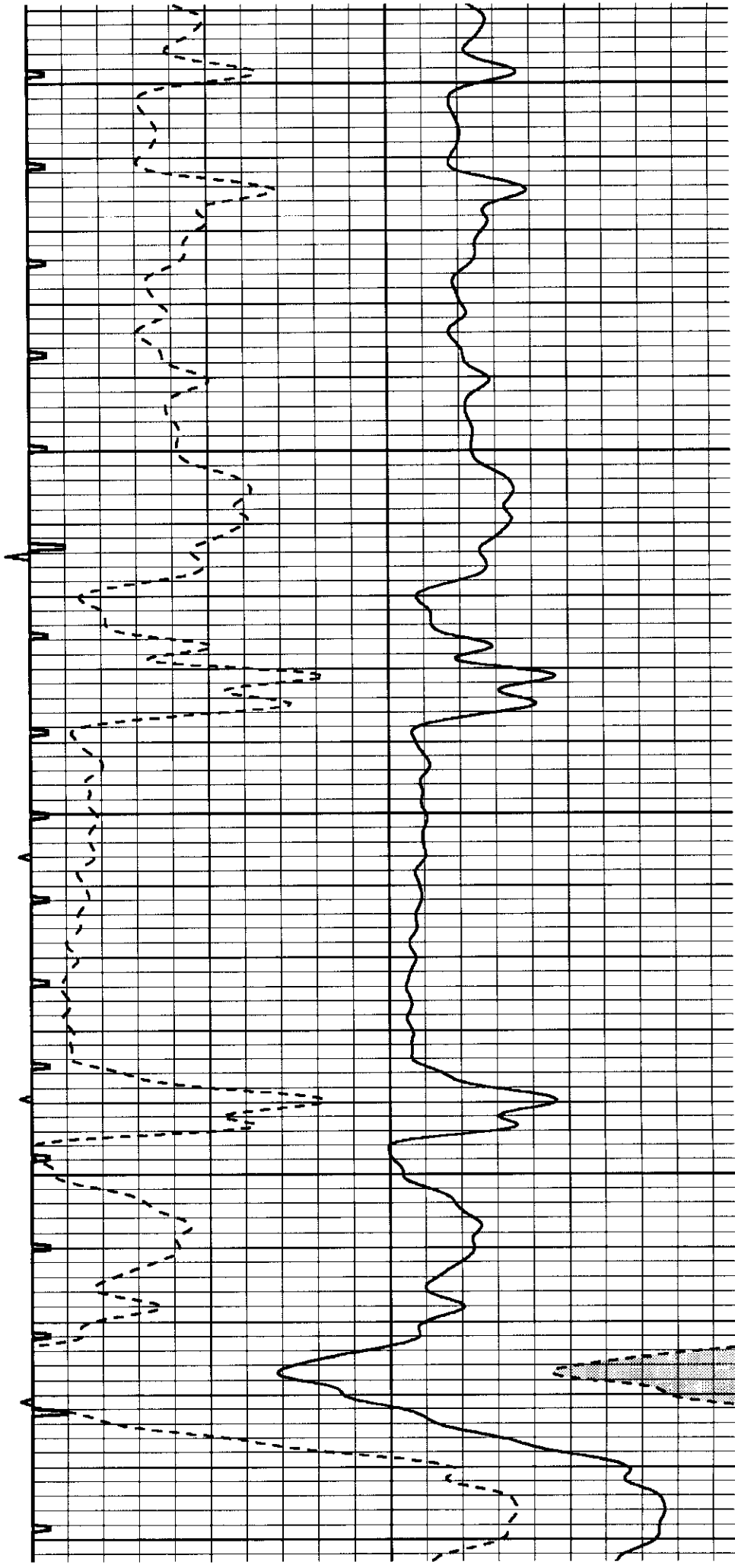
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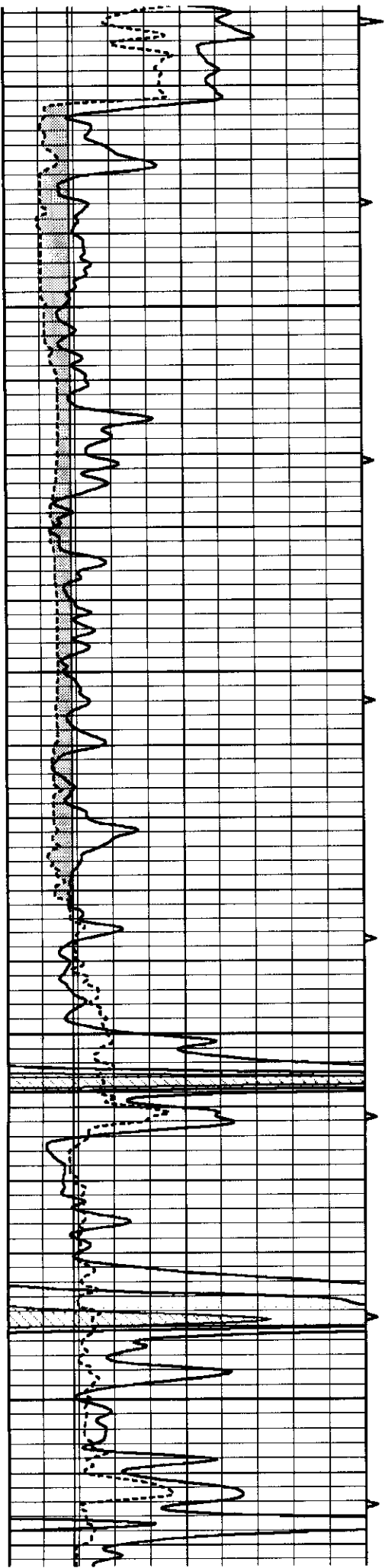
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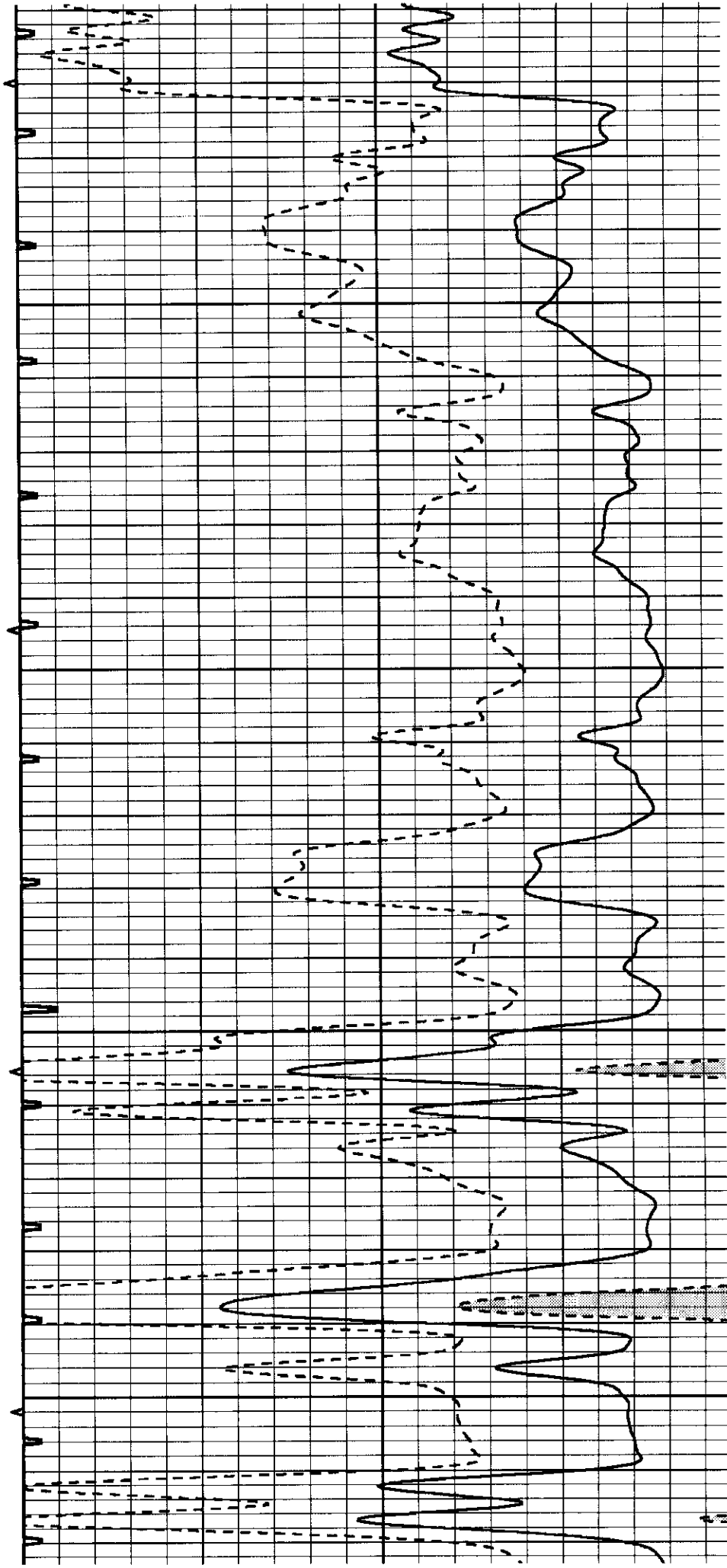


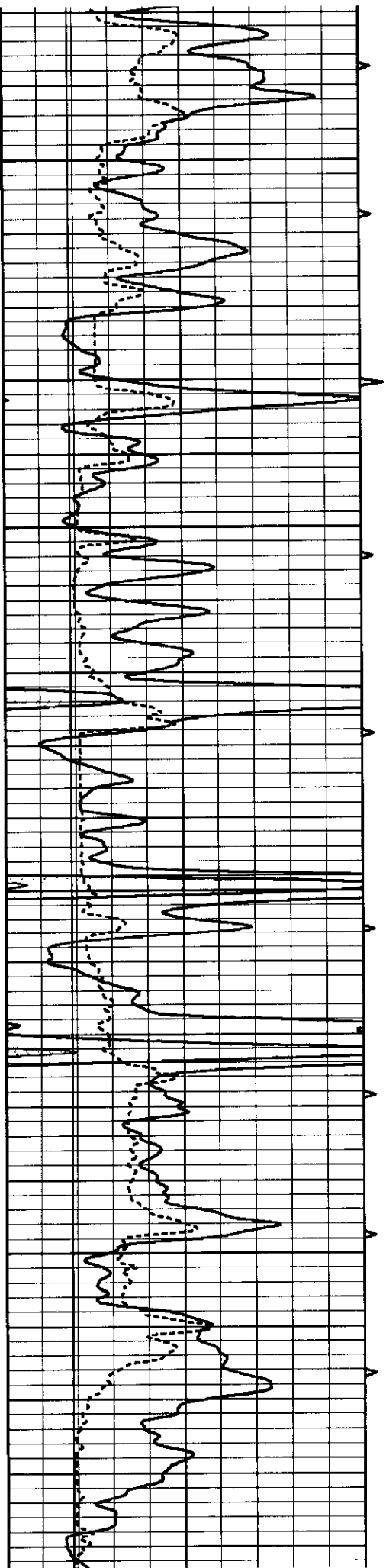
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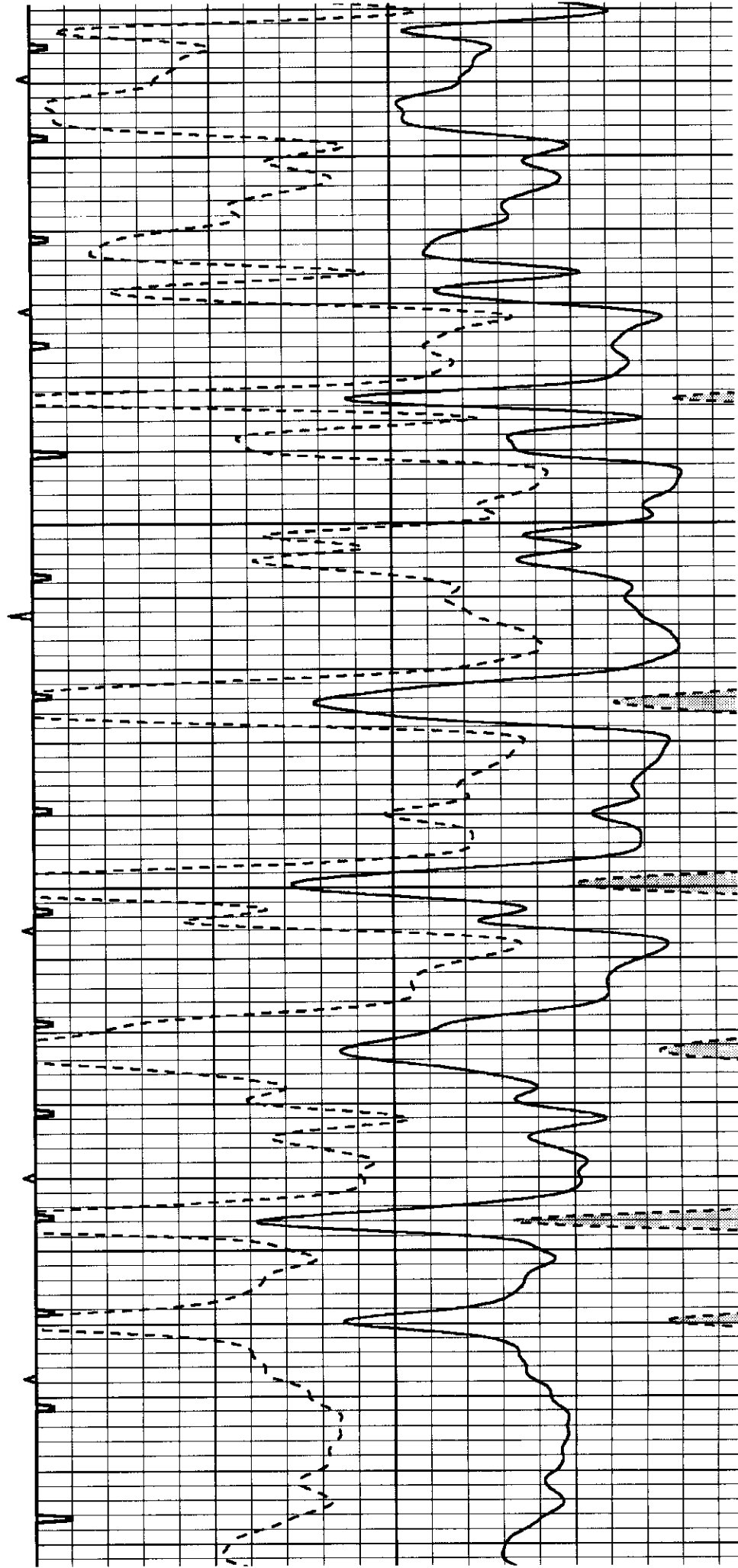


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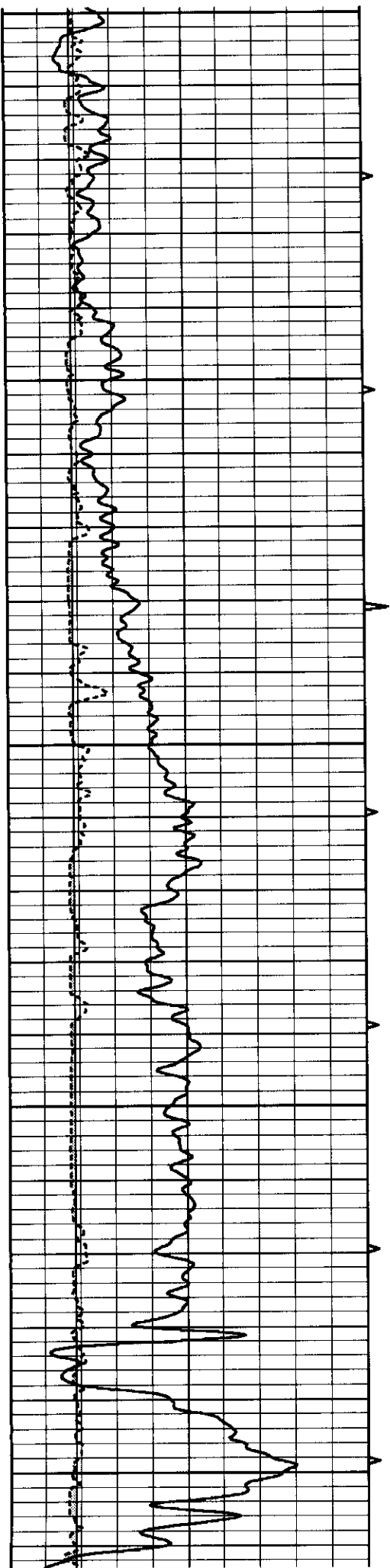


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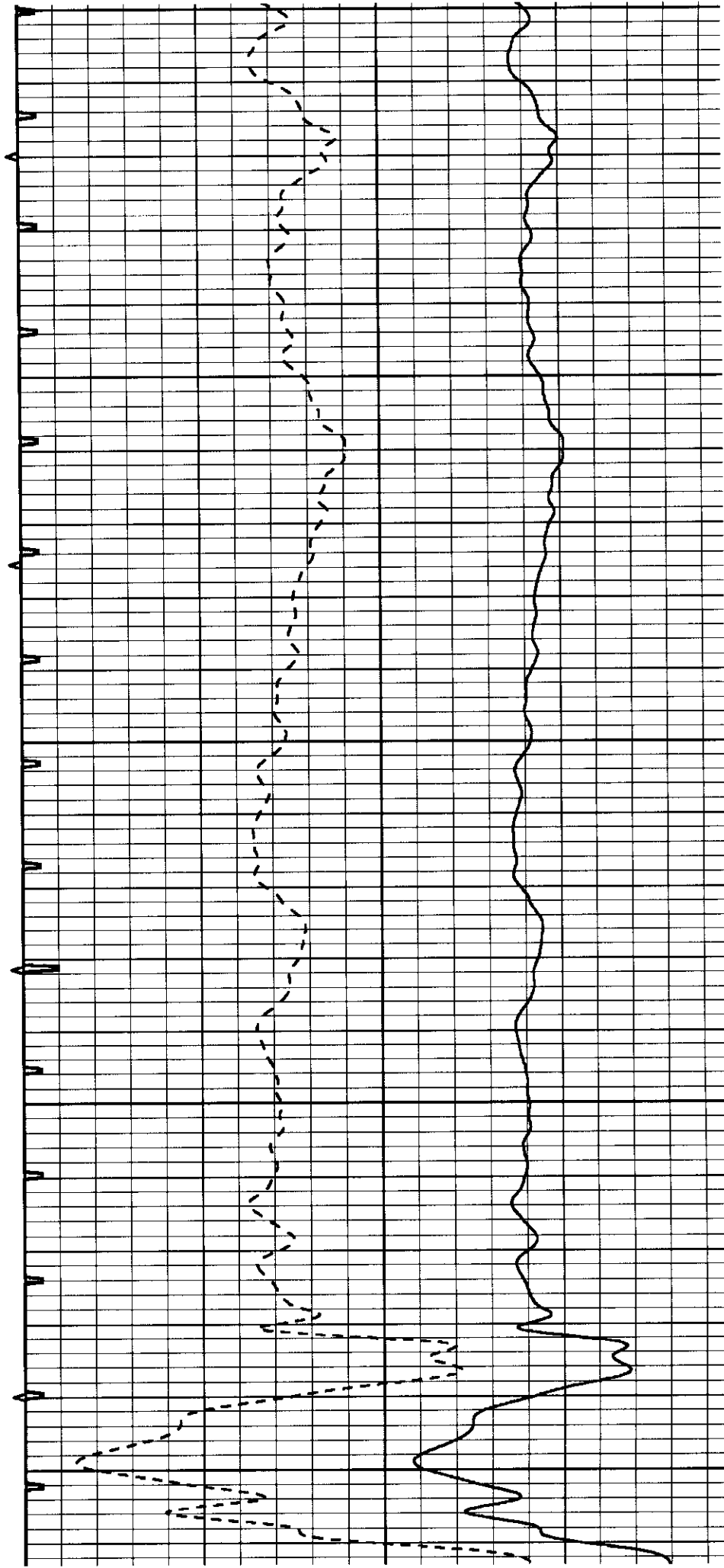
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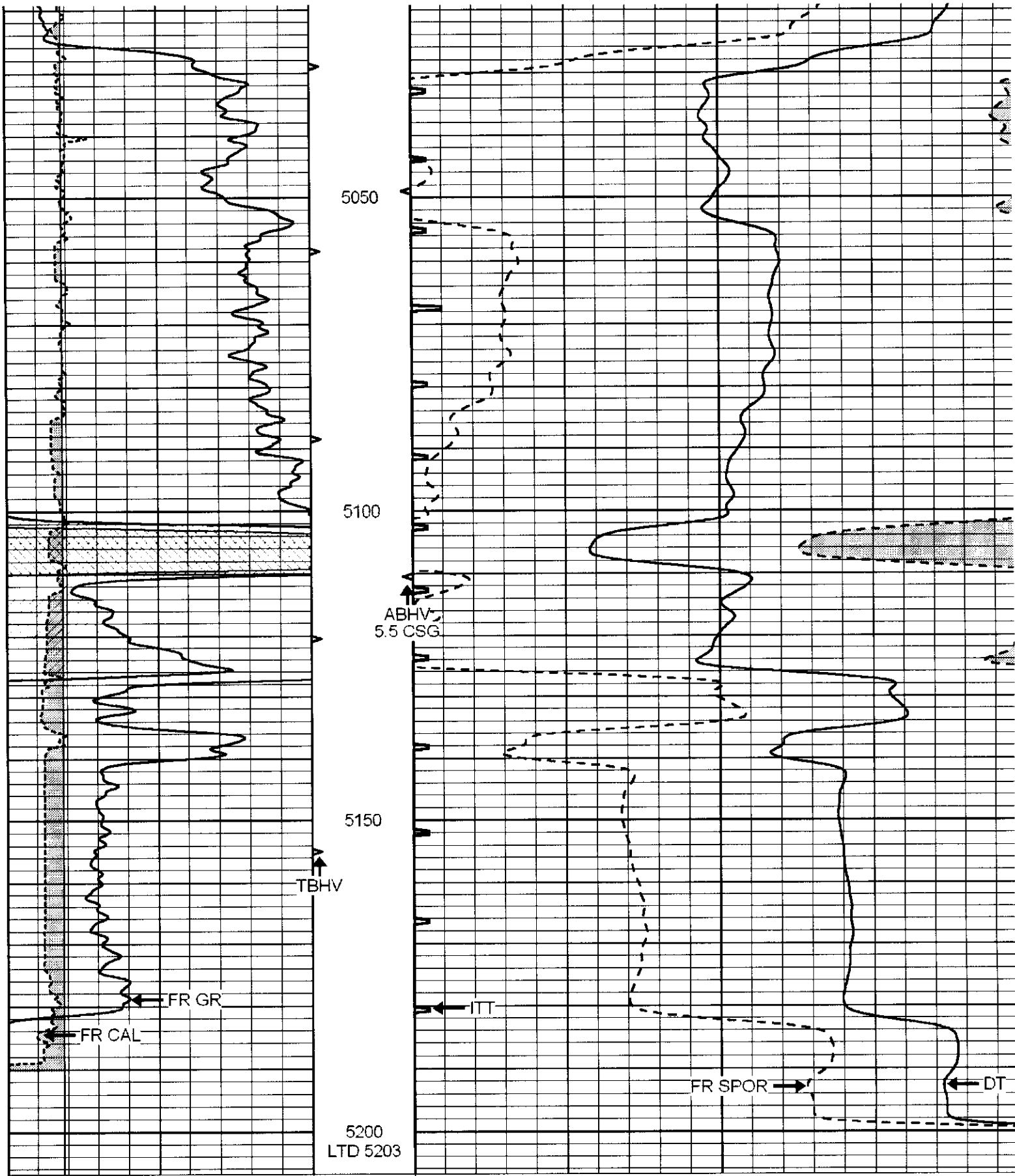
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0	GAMMA RAY (GAPI)	150	ABHV	140	DELTA TIME (usec/ft)	4
6	CALIPER (in)	16	10 (ft3) 0	30	SONIC POROSITY (pu)	-1
			TBHV	0	ITT (msec)	20
			0 (ft3) 10			

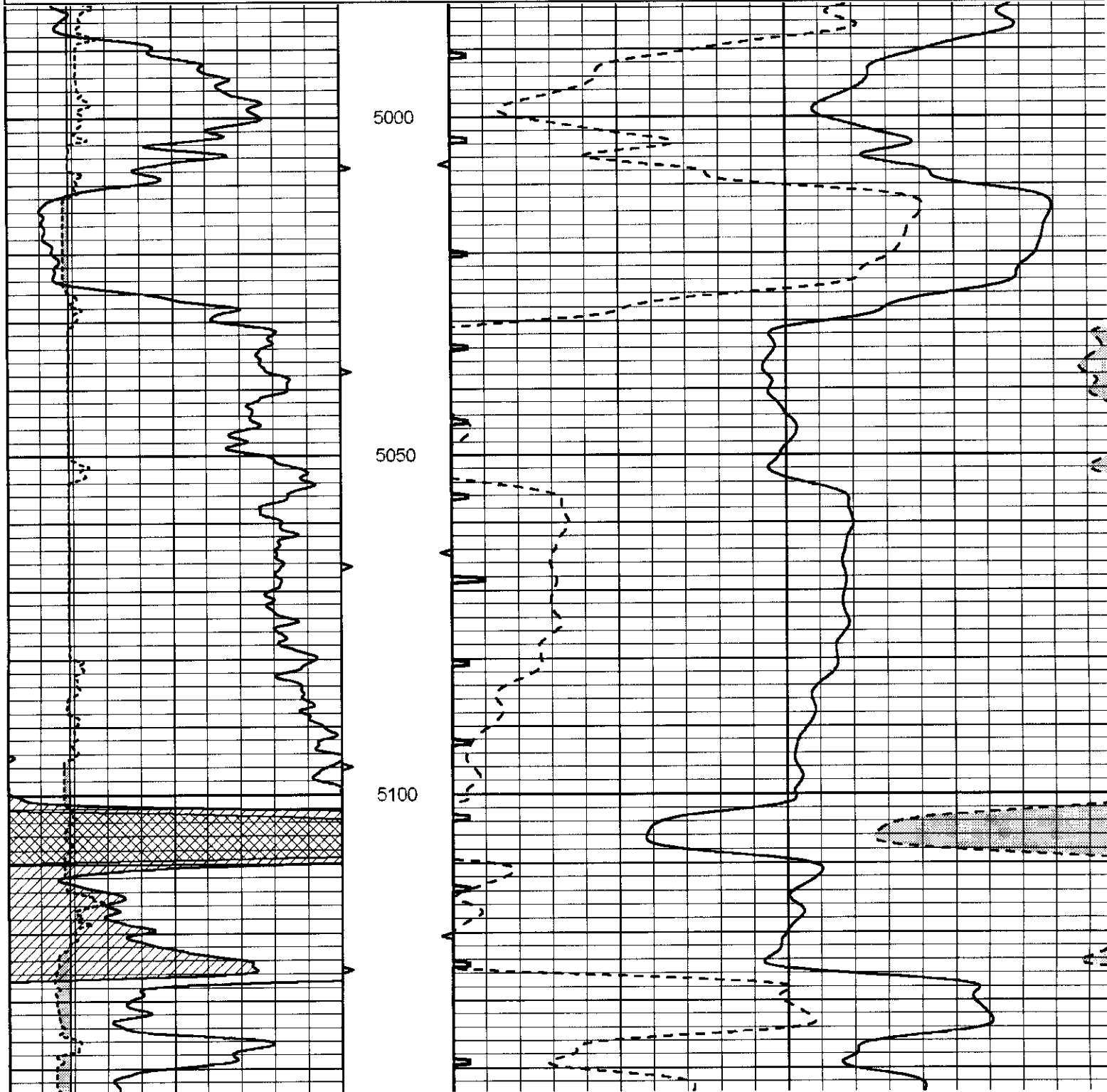


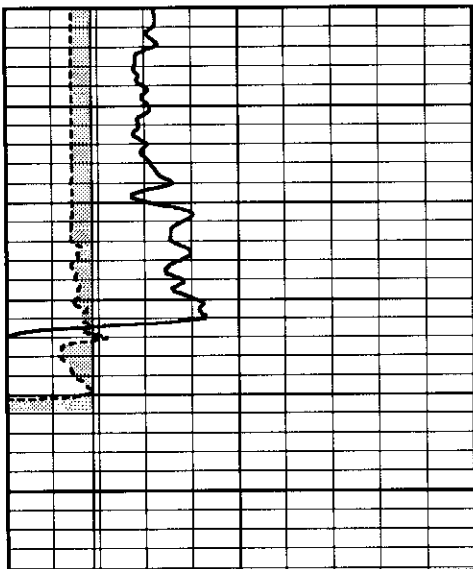
Hays,
Kansas

REPEAT SECTION

Database File: 005422pe.db
Dataset Pathname: pass5.4
Presentation Format: _slt
Dataset Creation: Thu Aug 05 15:06:18 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
-----			TBHV	0	ITT (msec)	20
-----			0 (ft3) 10			



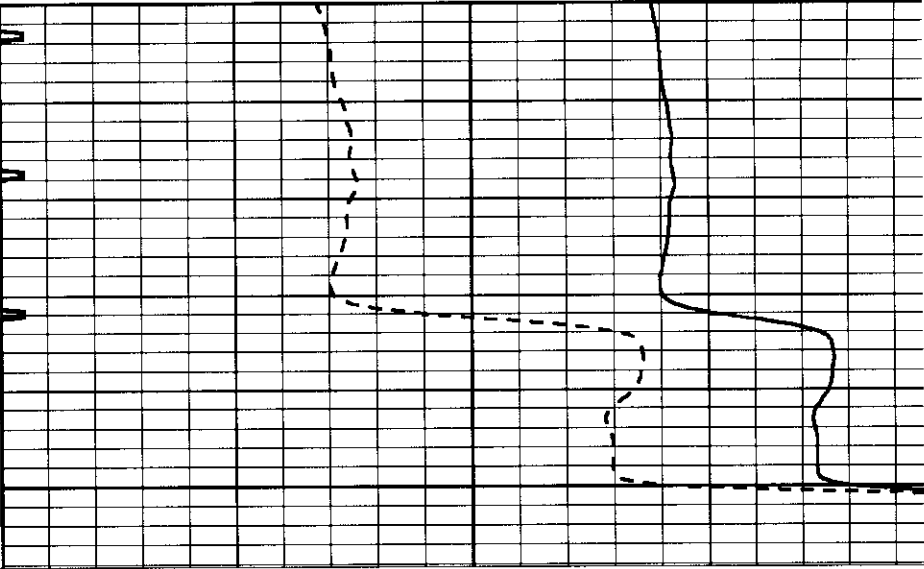


5100

5200

0	GAMMA RAY (GAPI)	150
6	CALIPER (in)	16

ABHV	140
TBHV	0
0 (ft3)	10



DELTA TIME (usec/ft)	140	4
SONIC POROSITY (pu)	30	-1
ITT (msec)	0	20



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

November 11, 2010

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

Re: ACO1
API 15-007-23565-00-00
Koppitz 1
NW/4 Sec.02-35S-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



PO BOX 31 Russell, KS 67665

RECEIVED

AUG 05 2010

INVOICE

Invoice Number: 123778

Invoice Date: Jul 27, 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	Kottpz #1	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Medicine Lodge	Jul 27, 2010	8/26/10

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
8.00	MAT	Chloride	58.20	465.60
225.00	SER	handling	2.40	540.00
15.00	SER	Mileage 225 sx @ .10 per sk per mi	22.50	337.50
1.00	SER	Surface	1,018.00	1,018.00
15.00	SER	Pump Truck Mileage	7.00	105.00

GL# 9208
 DESC. 225 SX

ENTERED

WELL # V...

AUG 05 2010

HOLE SIZE 7 7/8 T.D.
 CASING SIZE 10 3/4 DEPTH 245'
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. _____
 PERFS. _____
 DISPLACEMENT 23 3/4
 EQUIPMENT _____

CEMENT AMOUNT ORDERED
225 sx 60:40:27.6cl + 37. cc

COMMON	<u>A. 135</u> sk	@	<u>15.45</u>	<u>2085</u>
POZMIX	<u>90</u> sk	@	<u>8.00</u>	<u>720</u>
GEL	<u>4</u> sk	@	<u>20.00</u>	<u>80</u>
CHLORIDE	<u>8</u> sk	@	<u>58.00</u>	<u>465</u>
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>225</u>	@	<u>2.40</u>	<u>540.00</u>
MILEAGE	<u>225/10/15</u>			<u>337.50</u>
TOTAL				<u>4232</u>

PUMP TRUCK # 30265 CEMENTER Carl Balding
 HELPER Matt Thimesch
 BULK TRUCK # 301 DRIVER Jason Thimesch
 BULK TRUCK # _____ DRIVER _____

REMARKS:

Run 245' 10 3/4
w/ 17' 8 3/4 LT
30 scale size w/ rig
Mix 225 sx 60:40:2+2
Displace with 23 3/4 Adv. water
Leave 20' cement in casing & shut in
Cement did circulate

CHARGE TO: Lotus Operating
 STREET _____
 CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB	<u>245'</u>		
PUMP TRUCK CHARGE		@	<u>1018.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>15</u>	@	<u>7.00</u>
MANIFOLD		@	
		@	
		@	
TOTAL <u>1123.00</u>			

To Allied Cementing Co., LLC.
 You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME Garland J. Row
 SIGNATURE Garland J. Row

PLUG & FLOAT EQUIPMENT

	@	
<u>X</u>	@	
	@	
	@	
	@	
	@	
TOTAL _____		
SALES TAX (If Any)		_____
TOTAL CHARGES		<u>1123.00</u>
DISCOUNT		<u>0.00</u>
		IF PAID IN 30 DAYS



PO BOX 31 Russell, KS 67665

RECEIVED

AUG 16 2010

INVOICE

Invoice Number: 123936

Invoice Date: Aug 6, 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	Kogutz #1	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-02	Medicine Lodge	Aug 6, 2010	9/5/10

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 Casing	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 Top 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

\$ 2,105.26

ONLY IF PAID ON OR BEFORE

Aug 31, 2010

GL# 9308
 DESC. Cement 5 1/2"
prod csq w/ 250sx

- 2,105.26
 8,951.75

CASING SIZE 5 1/2" X 14" DEPTH 5010
TUBING SIZE DEPTH
DRILL PIPE DEPTH
TOOL DEPTH
PRES. MAX MINIMUM
MEAS. LINE SHOE JOINT 23'

CEMENT LEFT IN CSG.
PERFS.
DISPLACEMENT 121 Bbls Freshwater

EQUIPMENT

PUMP TRUCK CEMENTER Darin Franklin
30-26S HELPER Matt Thimesch
BULK TRUCK
381- DRIVER Jason Thimesch
BULK TRUCK
DRIVER

REMARKS:

Run 5010' 5 1/2" casing Drop ball
+ circulate w/ Rig
plug Rat + mouse hole w/ 50' x
60:40:4% gel mix + pump
200' x ASC wash Pump + Lines
+ Release plug Displace with
121 Bbls Freshwater Bump plug
+ Float held.

CHARGE TO: Lotus Operating
STREET _____
CITY _____ STATE _____ ZIP _____

AMOUNT ORDERED
50' x 60:40:4
200' x ASC + 5' Kobee L + 5' P-160 + 1' Float
COMMON A 30' x @ 15.45 463.50
POZMIX 20' x @ 8.00 160.00
GEL 2' x @ 20.00 41.00
CHLORIDE @
ASC 200' x @ 18.00 3720.00
Kobee 1000' @ 8.90 890.00
P-160 94' @ 13.50 1250.00
Float 50' @ 2.50 125.00
HANDLING 2.50 @ 2.40 600.00
MILEAGE 237.16/18 450.00
TOTAL 7700.00

SERVICE

DEPTH OF JOB 5010'
PUMP TRUCK CHARGE 2092.00
EXTRA FOOTAGE @
MILEAGE 18 @ 7.00 126.00
MANIFOLD @
TOTAL 2218.00

PLUG & FLOAT EQUIPMENT

1- Dog Guide shoe @ 100.00
1- AFU INSERT @ 112.00
5- Centralizers @ 32.00 160.00
1- Basket @ 16.00
1- Tap Rubber plug @ 74.00
TOTAL 608.00

SALES TAX (If Any) _____
TOTAL CHARGES _____
DISCOUNT _____ IF PAID IN 30 DAYS

To Allied Cementing Co., LLC.
You are hereby requested to rent cementing equipment
and furnish cementer and helper(s) to assist owner or
contractor to do work as is listed. The above work was
done to satisfaction and supervision of owner agent or
contractor. I have read and understand the "GENERAL
TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME xRLB
SIGNATURE [Signature]

Thank You!!!