

KANSAS CORPORATION COMMISSION 1047007
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, Suite 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: _____

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>08/03/2010</u>	<u>08/08/2010</u>	<u>08/17/2010</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-007-23581-00-00

Spot Description: _____
SW SE SW SE Sec. 36 Twp. 34 S. R. 12 East West
50 Feet from North / South Line of Section
1880 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 #: 5
 Field Name: Stranathan
 Producing Formation: Mississippi

Elevation: Ground: 1411 Kelly Bushing: 1420
 Total Depth: 5160 Plug Back Total Depth: 5037
 Amount of Surface Pipe Set and Cemented at: 268 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: 12300 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: 12/01/2010
 Confidential Release Date: 11/30/2012
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
 ALT I II III Approved by: NAOMI JAMES Date: 12/01/2010



1047007

Operator Name: Lotus Operating Company, L.L.C. Lease Name: CR Wetz Well #: 5
 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 (Attach Additional Sheets)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Heebner	3813	-2393
Electric Log Run	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	KC	4355	-2935
Electric Log Submitted Electronically (If no, Submit Copy)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	BKC	4585	-3086
List All E. Logs Run:		Miss	4781	-3361
Attached		Kind Sh	5020	-3600
		Maquoteka	5129	-3907
		LTD	5159	-3739

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	32.75	268	60/40 poz mix	225	2% g, 3% cc
Production	7.875	5.5	14	5069	Class A ACS	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	4805-37	Acid 3800 gal 10% MCA	4805-37
2	4805-37	Frac 301,000# sd & 15,755 bbl slick wtr	4805-37

TUBING RECORD:		Size: <u>2 7/8</u>	Set At: <u>4884'</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>9/11/2010</u>			Producing Method: <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. <u>85</u>	Gas Mcf <u>180</u>	Water Bbls. <u>250</u>	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Ventd <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, Submit ACO-16.)	METHOD OF COMPLETION: <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) _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Lotus Operating Company, L.L.C.
Well Name	CR Wetz 5
Doc ID	1047007

All Electric Logs Run

Dual Induction
Neutron Density w/PE
Micro
Sonic



SUPERIOR
Hays,
Kansas

DUAL
INDUCTION
LOG

Company LOTUS OPERATING CO., LLC.
Well C.R. WETZ #5
Field STRANATHAN
County BARBER
State KANSAS

Company LOTUS OPERATING COMPANY, LLC.
Well C.R. WETZ #5
Field STRANATHAN
County BARBER State KANSAS

Location: API #: 15-007-23581
50' FSL & 1880' FEL
SEC 36 TWP 34S RGE 12W
Other Services
CDL/CNL/PE
SONIC/MEL
Elevation
Permanent Datum GROUND LEVEL Elevation 1411
Log Measured From KELLY BUSHING 9' A.G.L. K.B. 1420
Drilling Measured From KELLY BUSHING D.F. 1411
G.L. 1411

Rate	8-10-10		
Run Number	ONE		
Depth Driller	5160		
Depth Logger	5159		
Bottom Logged Interval	5157		
Top Log Interval	00		
casing Driller	268		
casing Logger	268		
Bit Size	7.875		
Type Fluid in Hole	CHEMICAL MUD		
Density / Viscosity	9.5 / 47		
API Fluid Loss	10.0 / 12.4		
Source of Sample	FLOWLINE		
Temp @ Meas. Temp	.60 @ 93F		
Temp @ Meas. Temp	0.45 @ 93F		
Temp @ Meas. Temp	0.72 @ 93F		
Source of Rmf / Rmc	MEASURED		
Temp @ BHT	.440 @ 126F		
Time Circulation Stopped	3 HOURS		
Time Logger on Bottom	1:00 P.M.		
Maximum Recorded Temperature	126F		
Equipment Number	860		
Location	HAYS, KS.		
Recorded By	RUPP		
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 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 conditions set out in our current Price Schedule.

Comments

SUPERIOR WELL SERVICES
785-628-6395
THANK YOU FOR YOUR BUSINESS
DIRECTIONS: MEDICINE LODGE, S TO MM#7, 1/2W, N INTO.

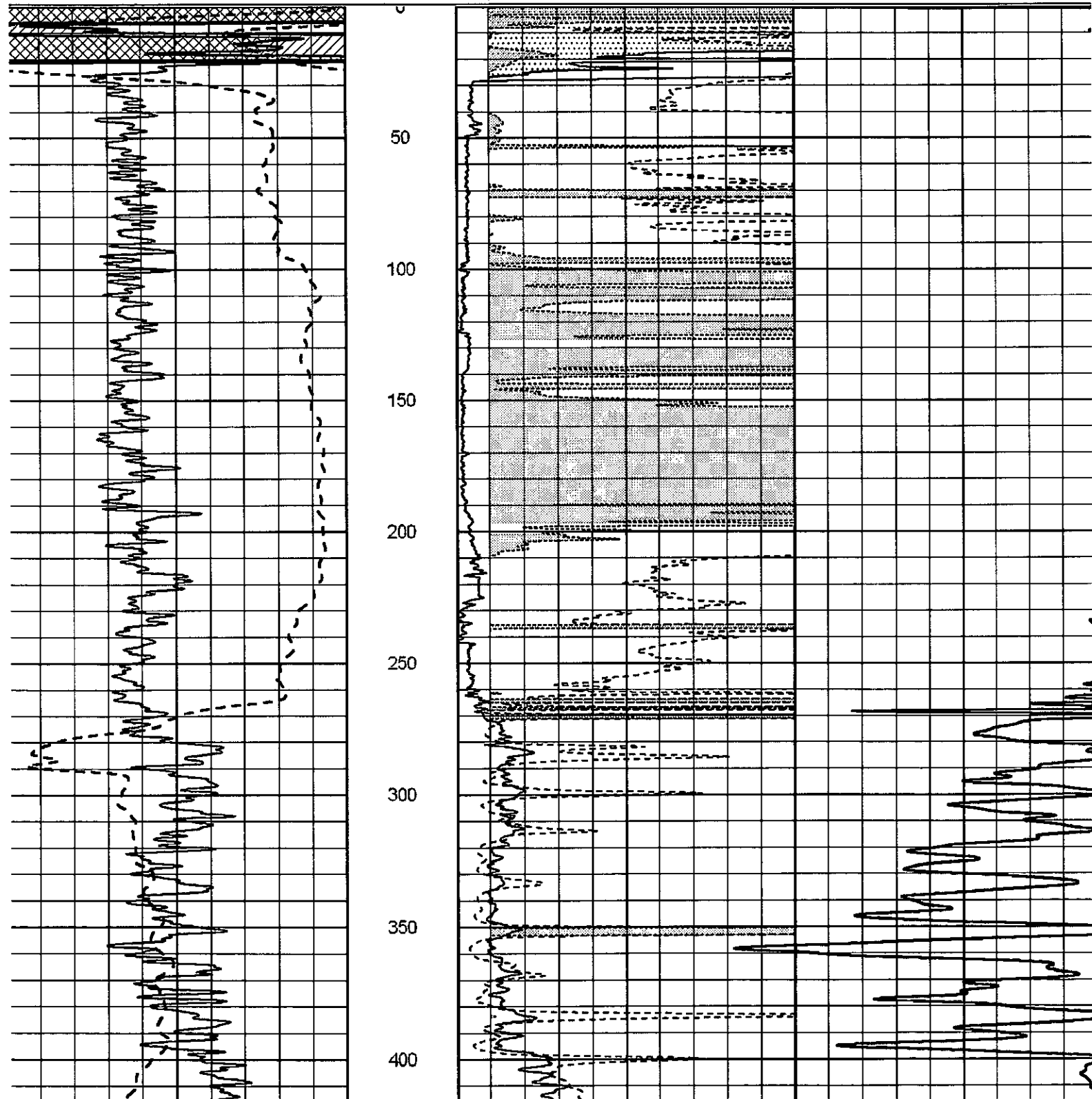
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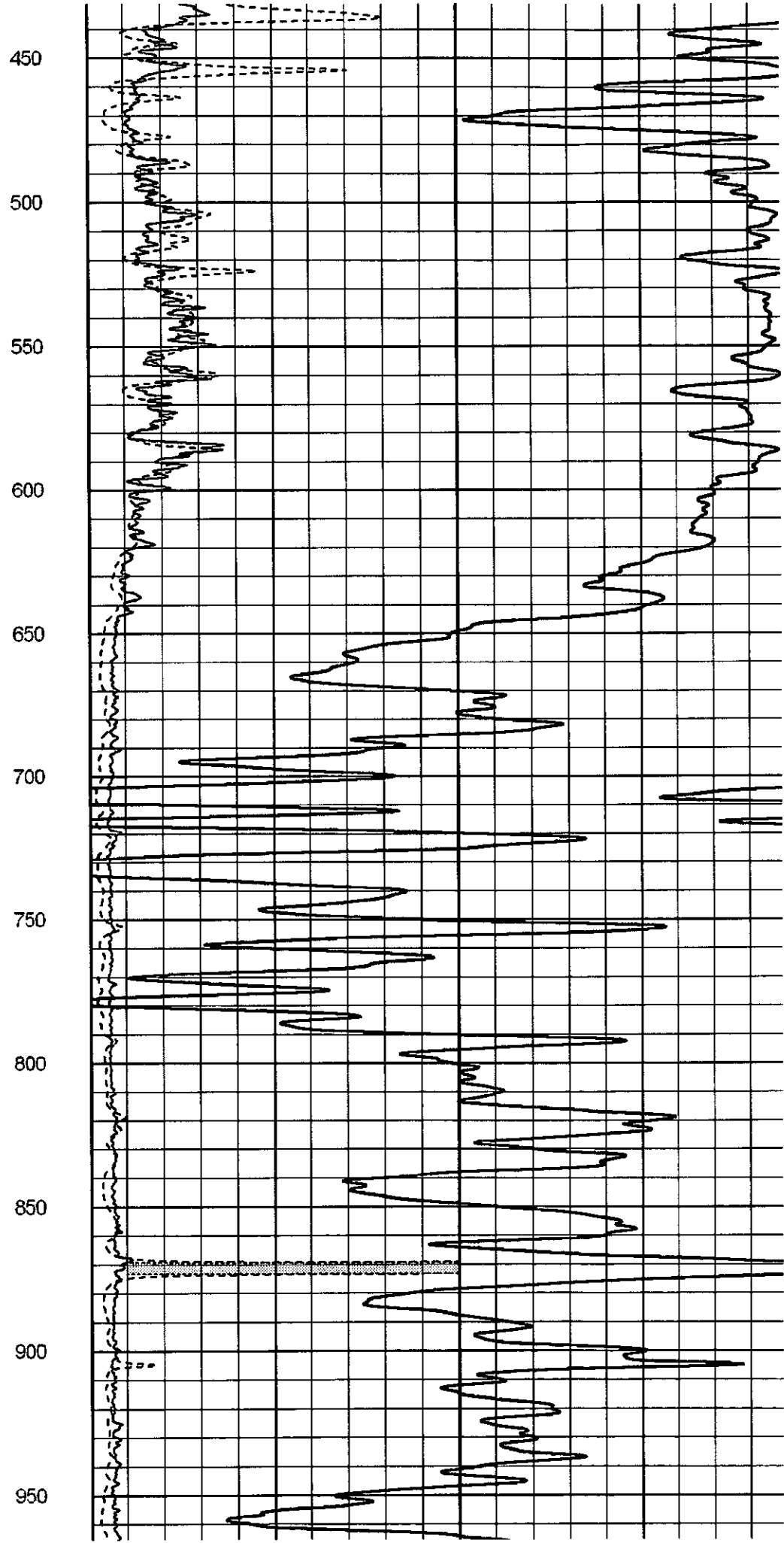
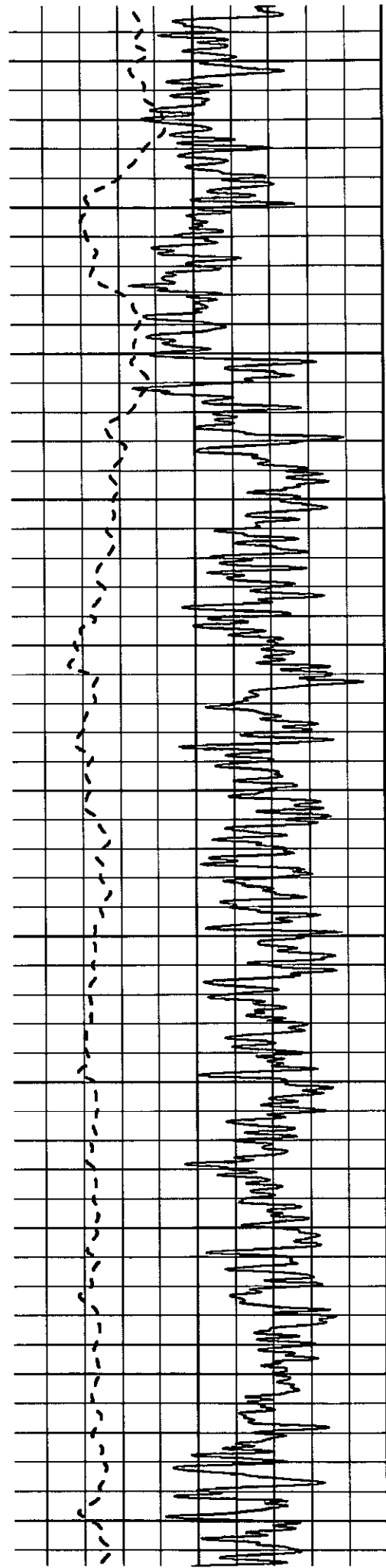
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-100	SP (mV)	100

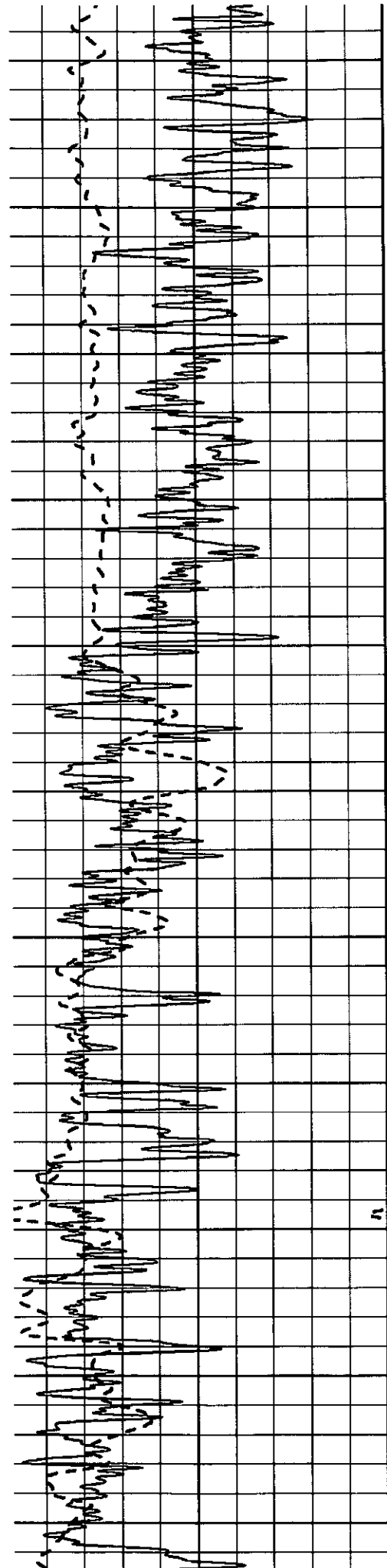
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0	Deep Induction (Ohm-m)	50

1000 CILD (mmho/m)

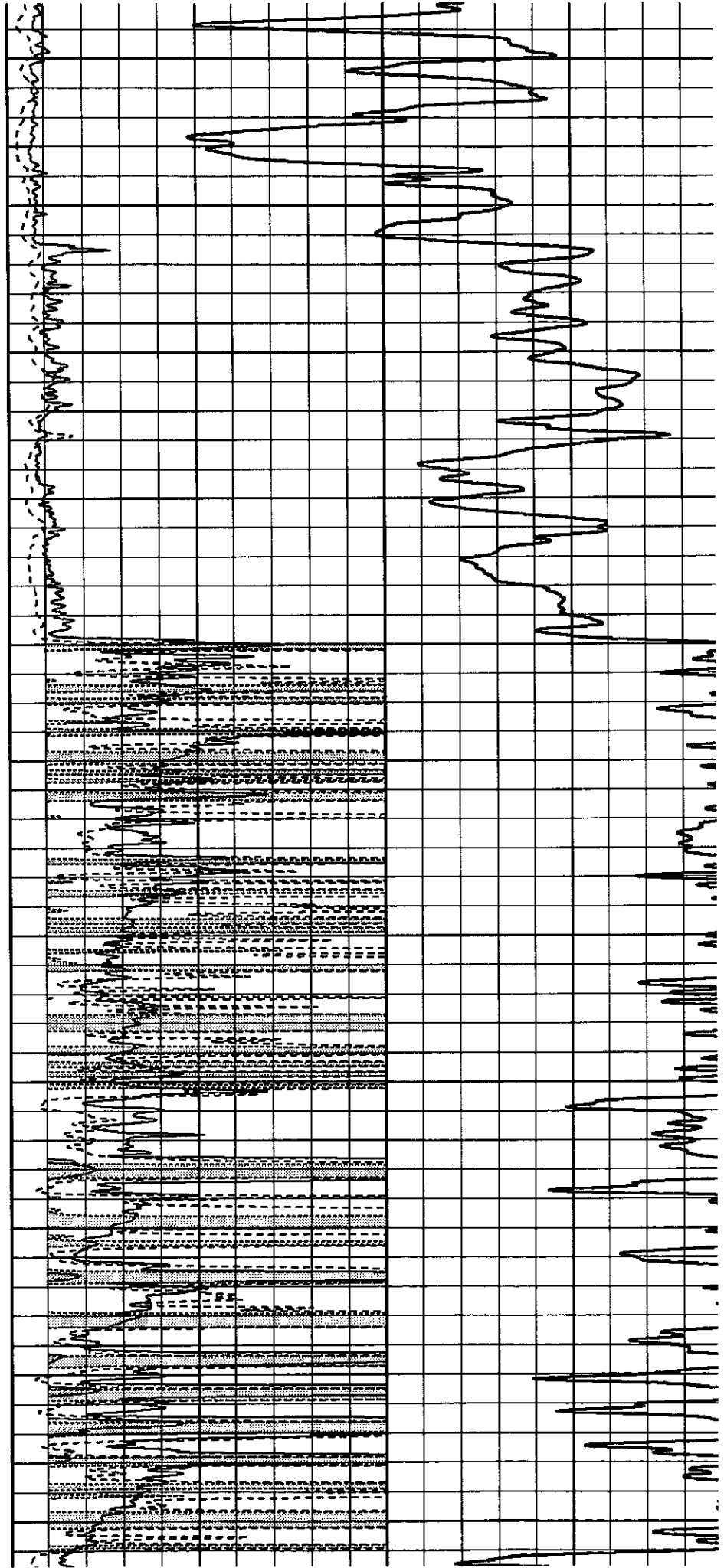
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50	RLL3 X10 (Ohm-m)	500

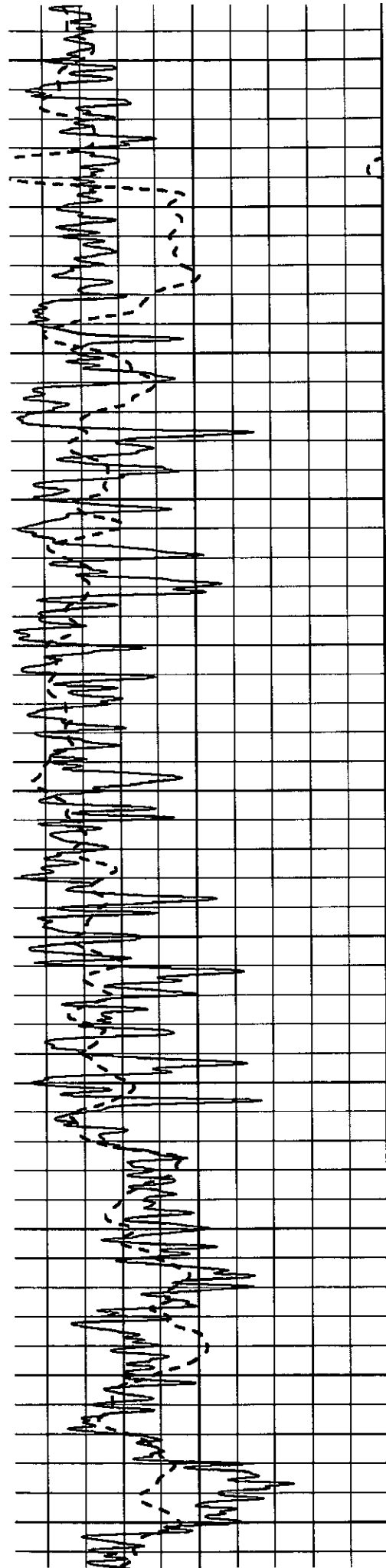




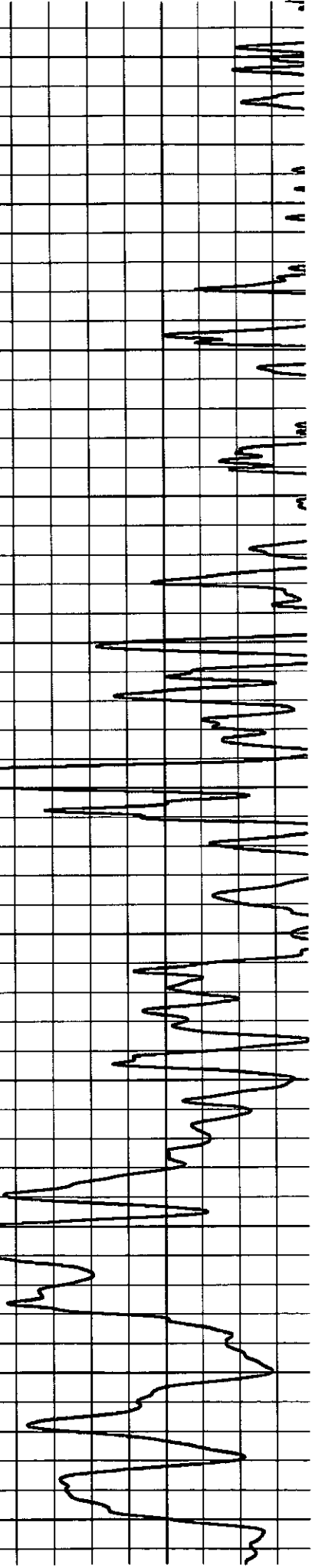
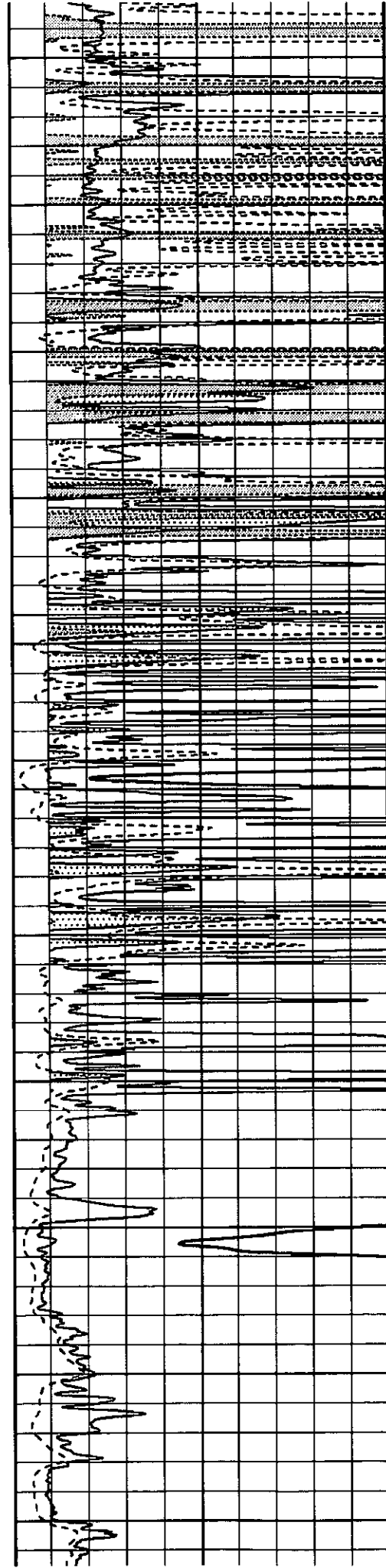


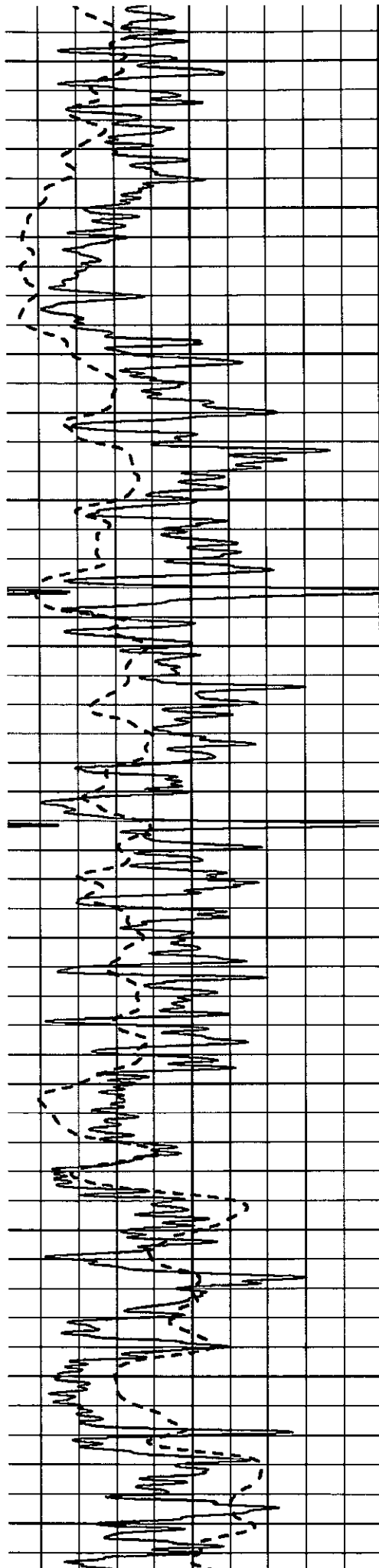
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1500





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2100

2150

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2300

2350

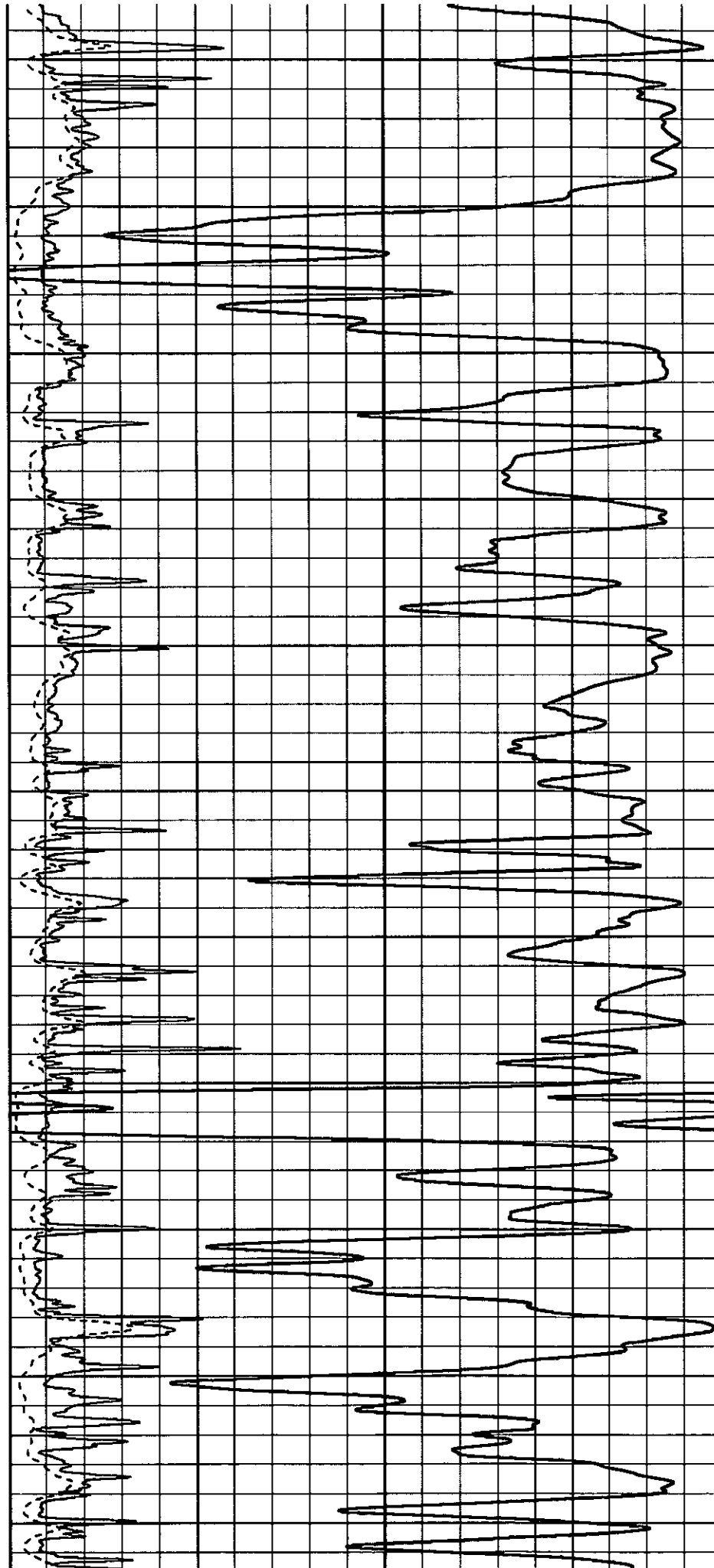
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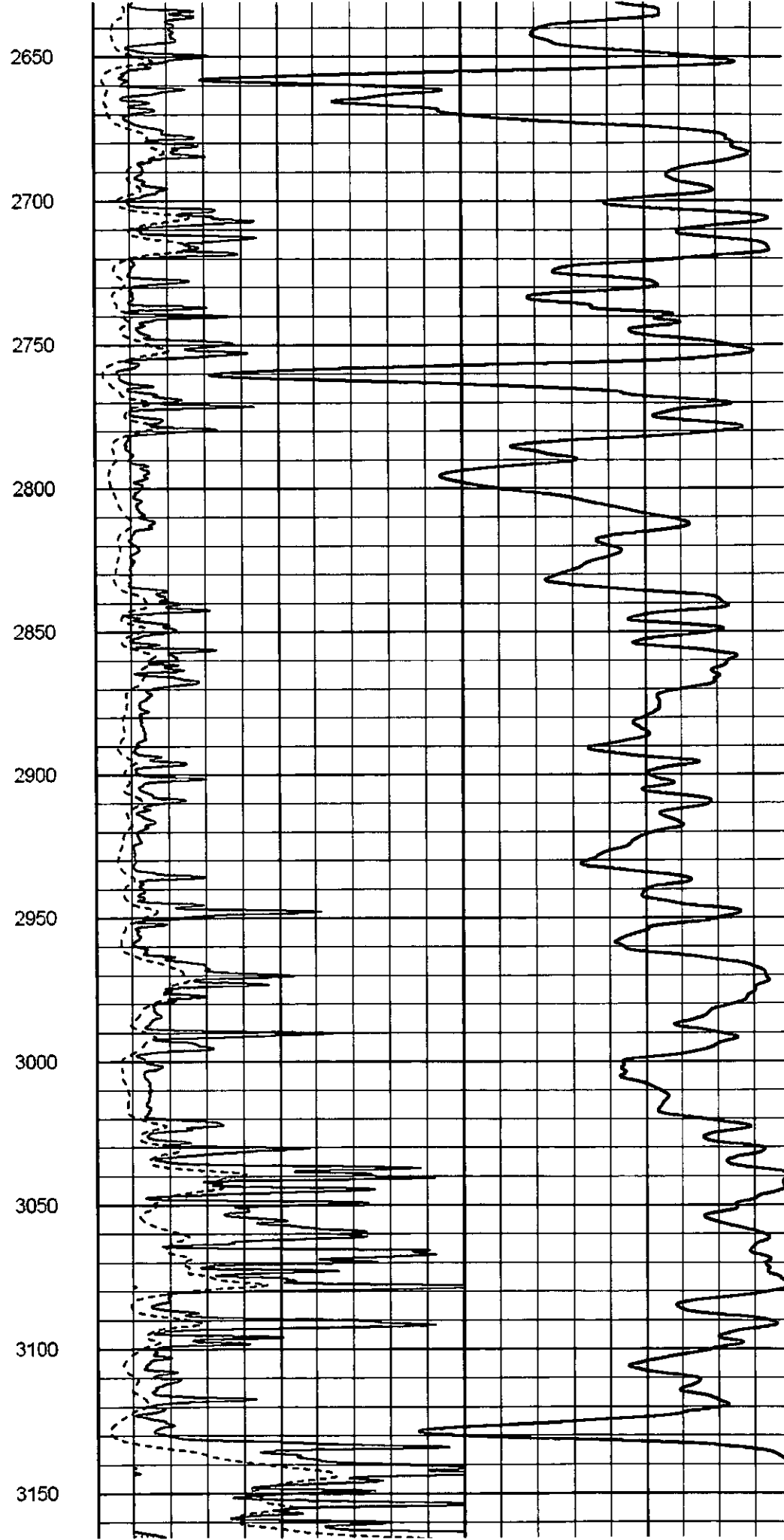
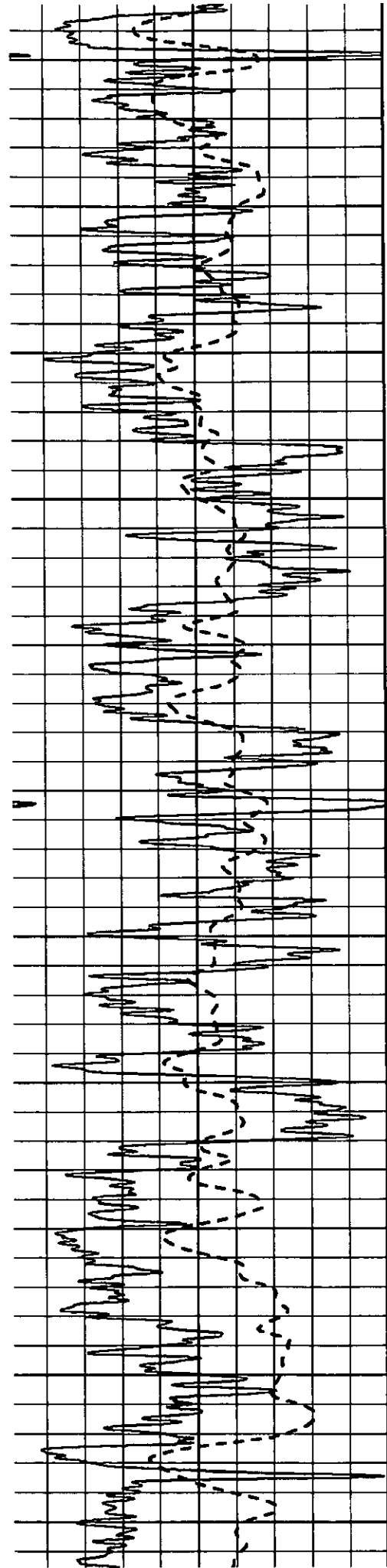
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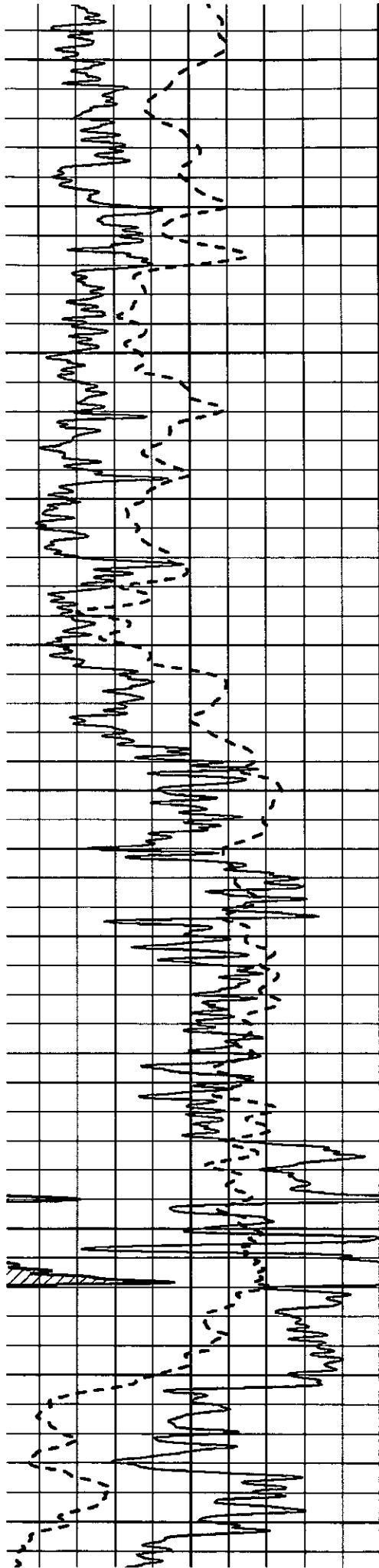
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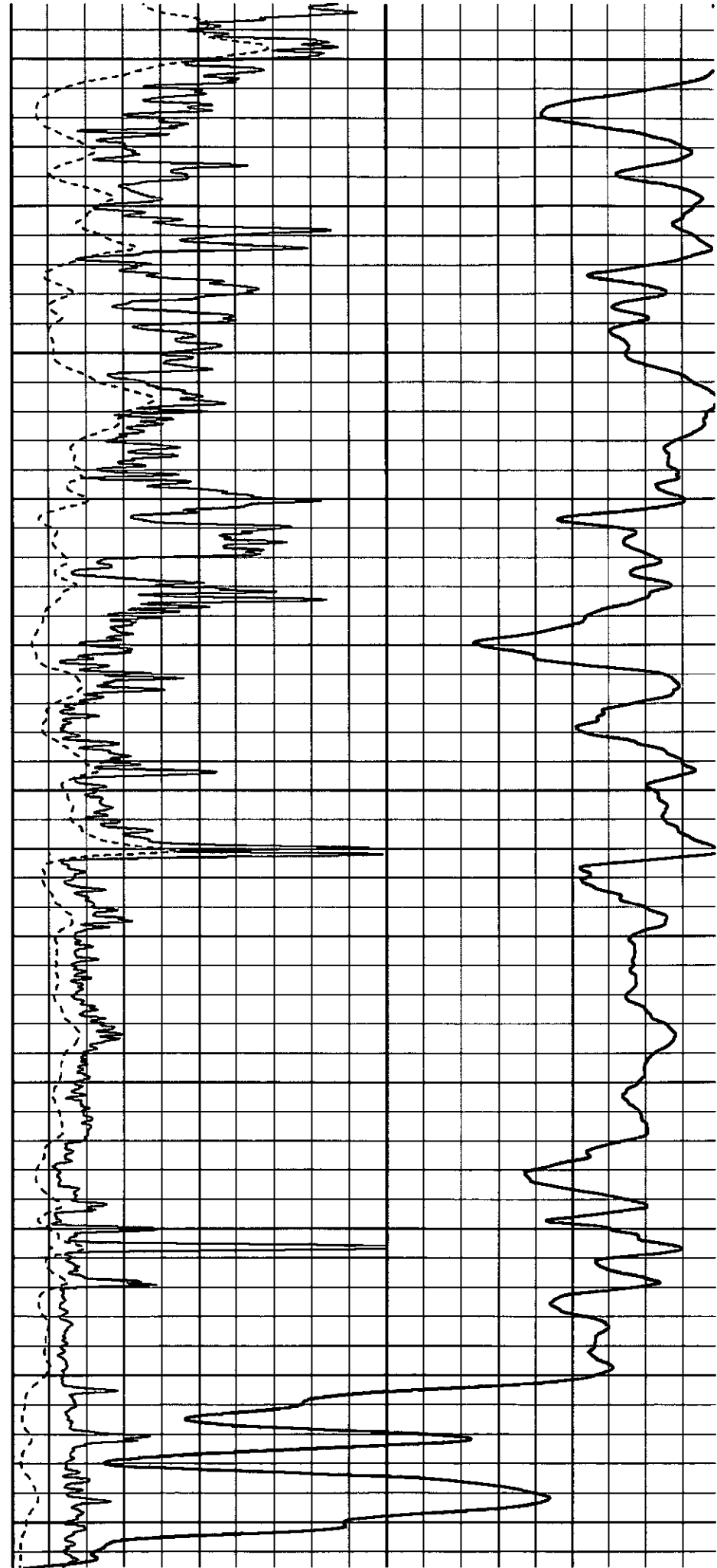
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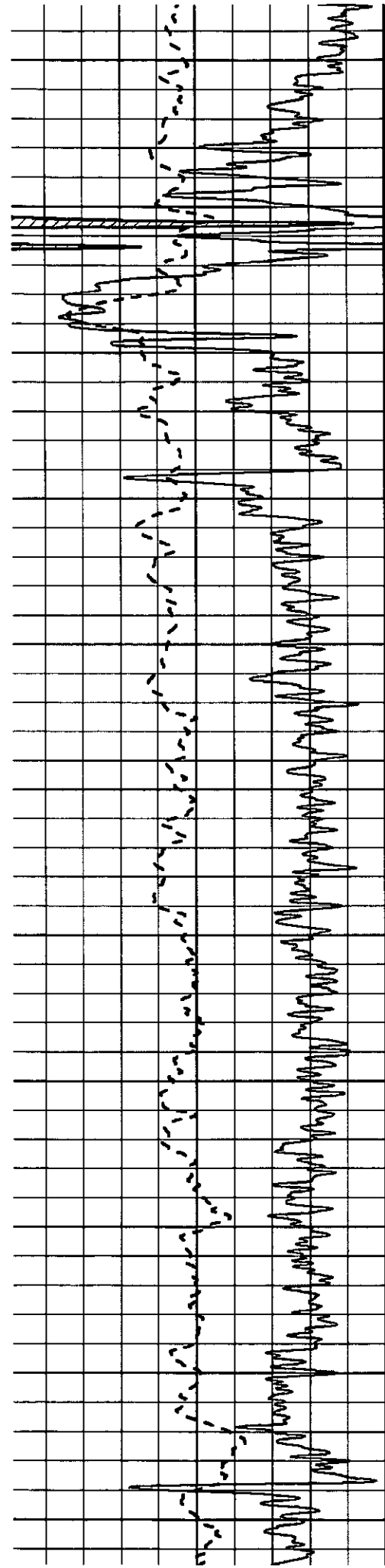




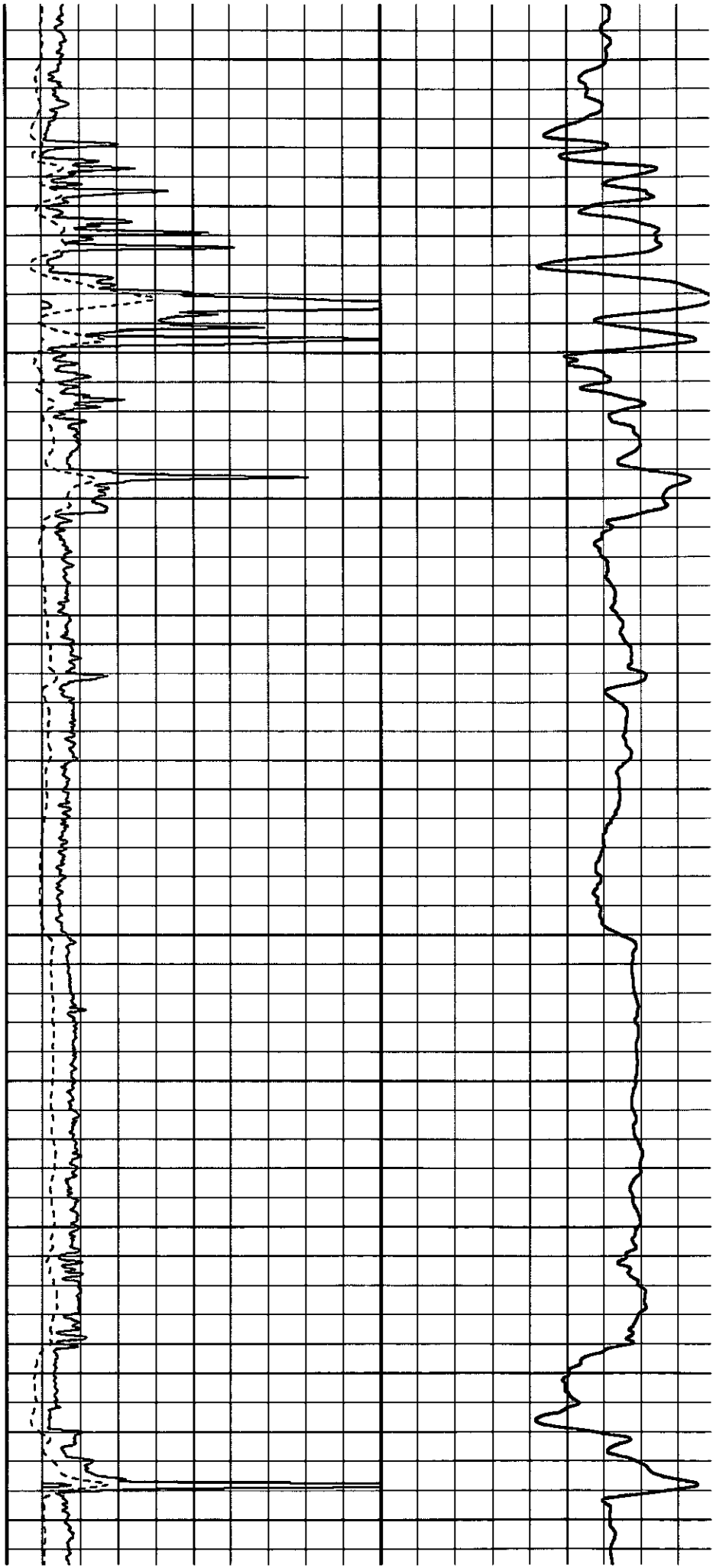


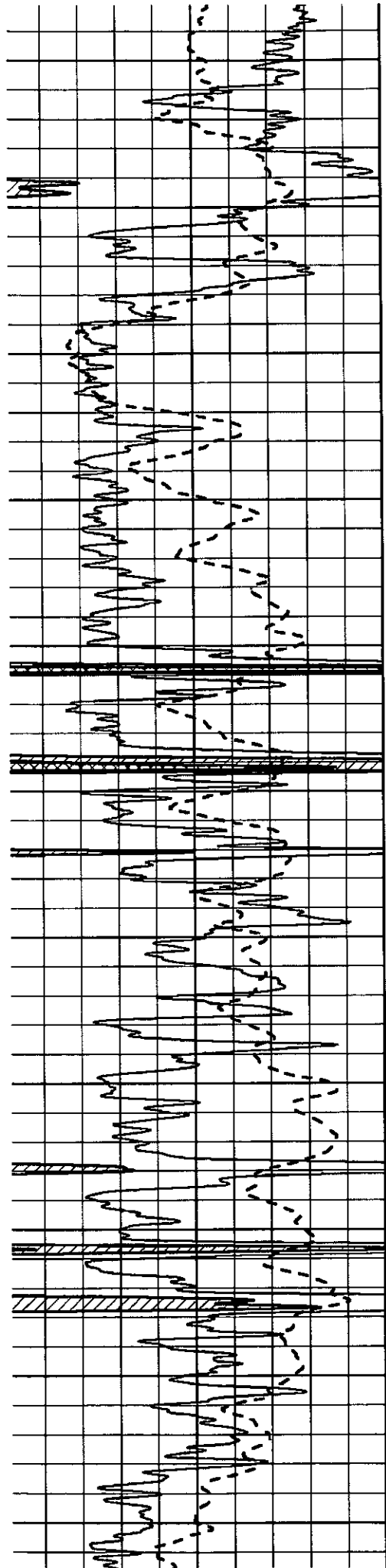
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3600
3650
3700



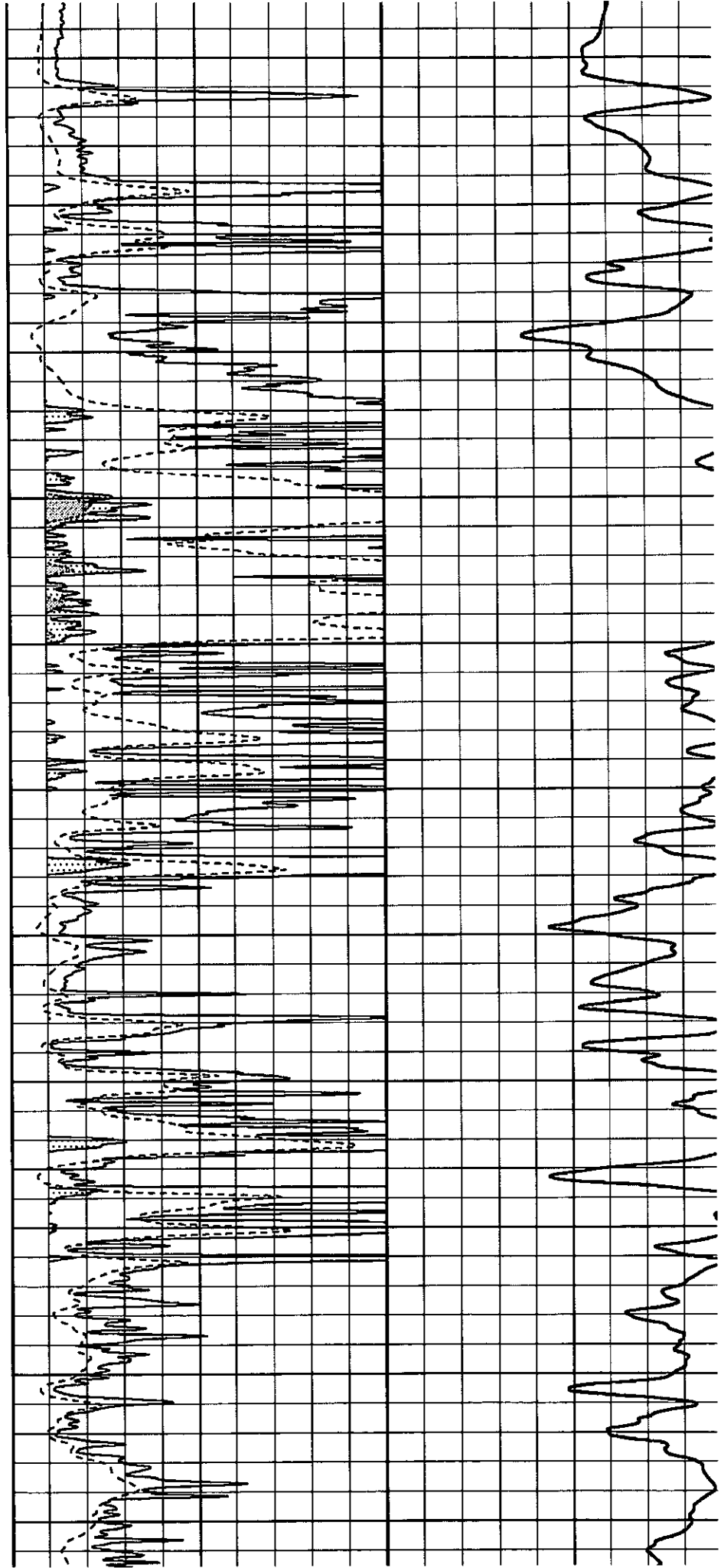


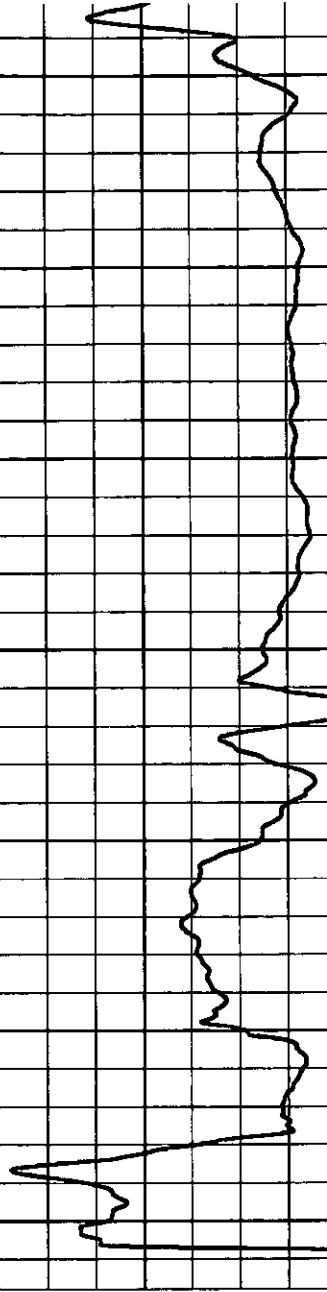
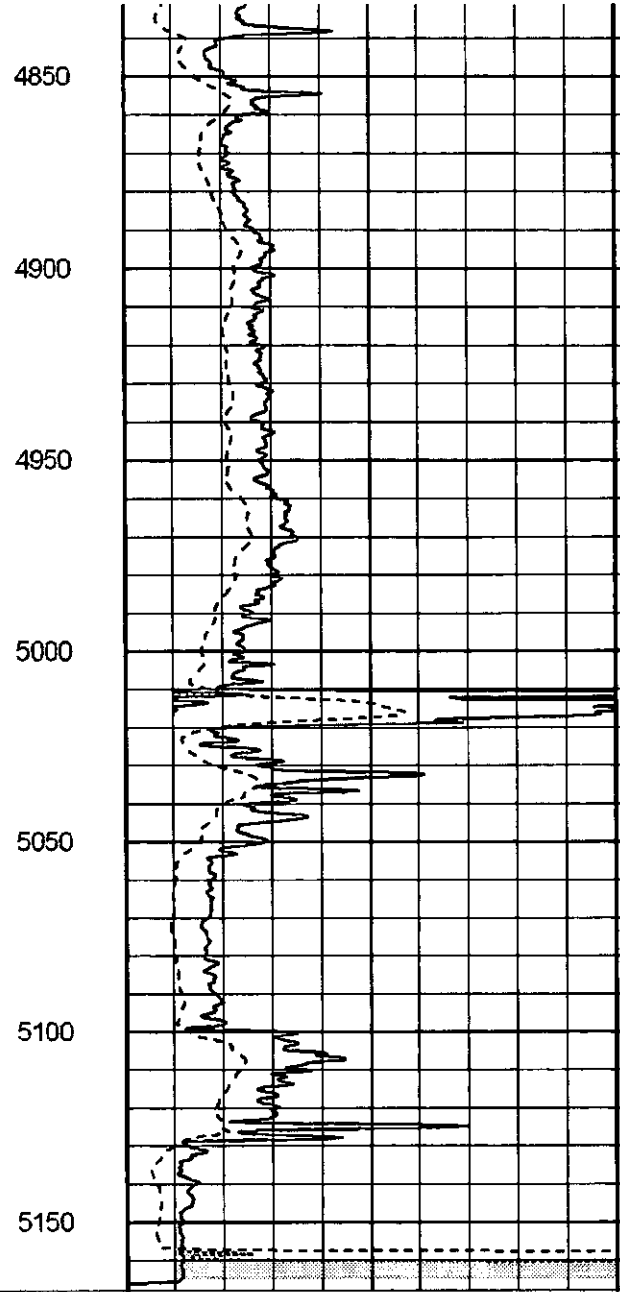
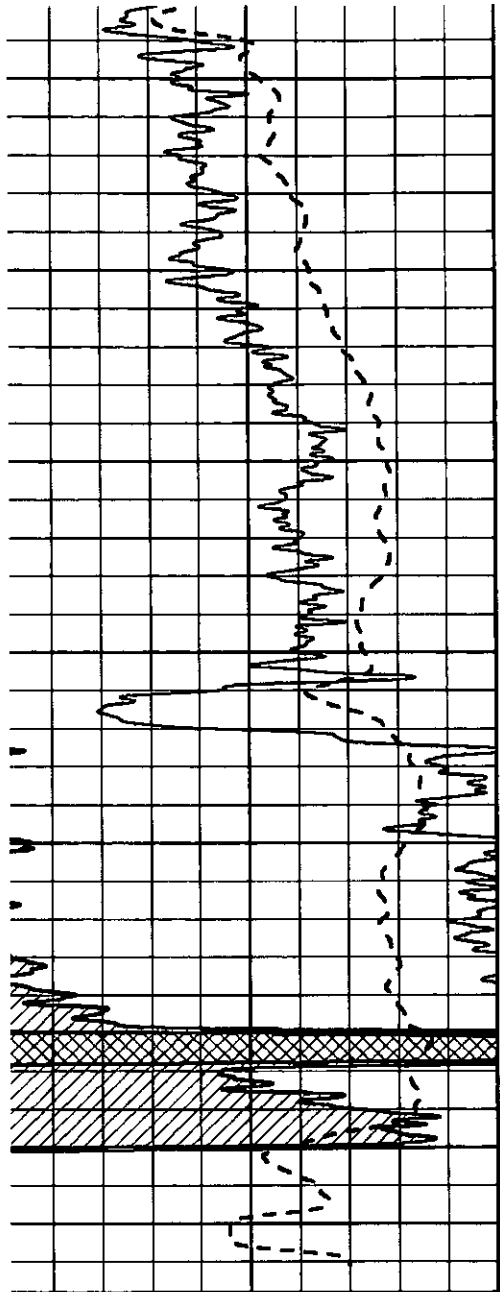
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4100
4150
4200
4250





4300
4350
4400
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4500
4550
4600
4650
4700
4750
4800





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



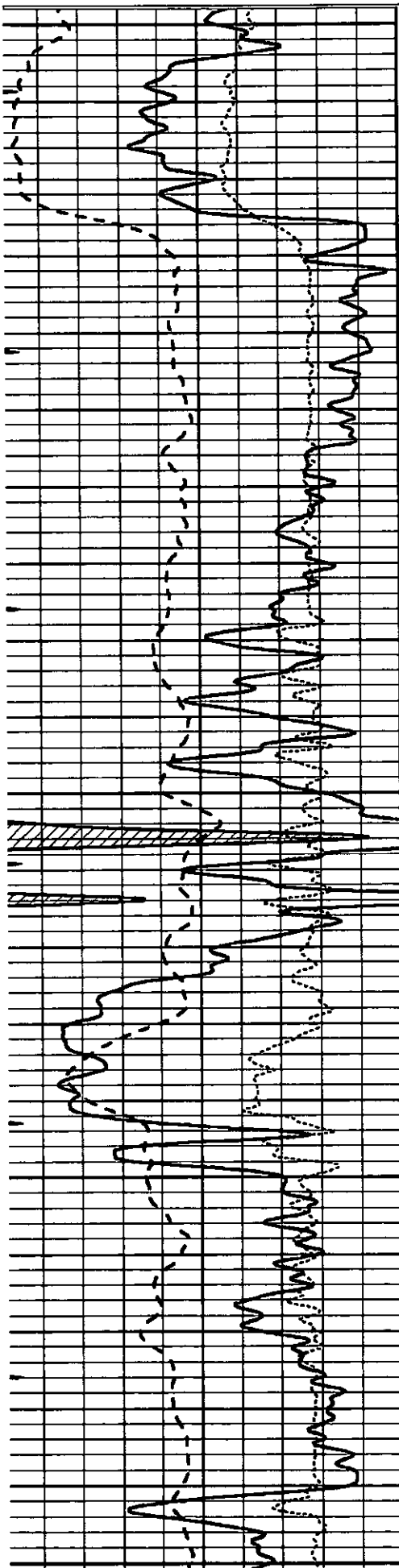
SUPERIOR
Hays,
Kansas

MAIN SECTION

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 Charted by: Depth in Feet scaled 1:240

0 GAMMA RAY (GAPI) 150
 -100 SP (mV) 100

0.2 RLL3 (Ohm-m) 2
 0.2 DEEP INDUCTION (Ohm-m) 2



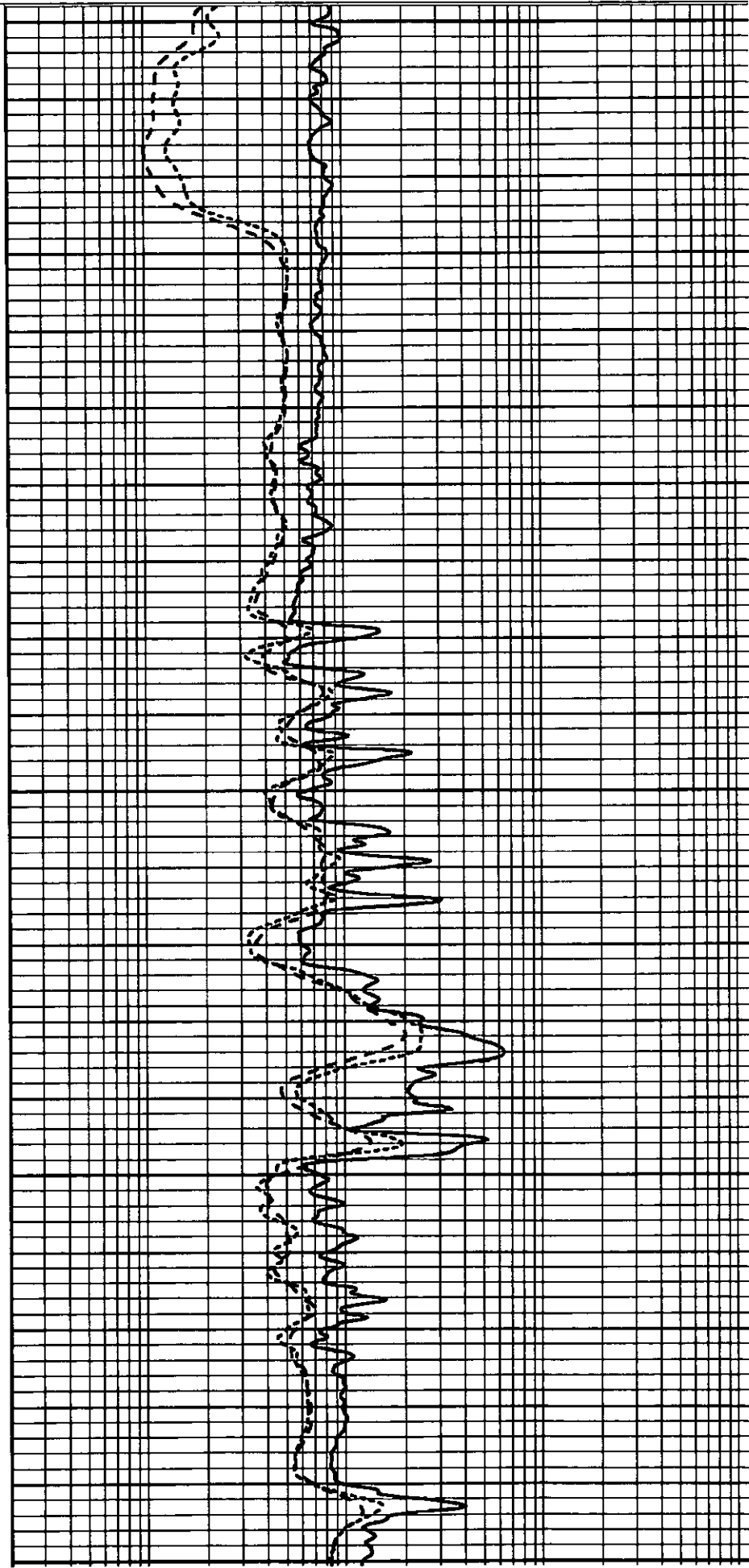
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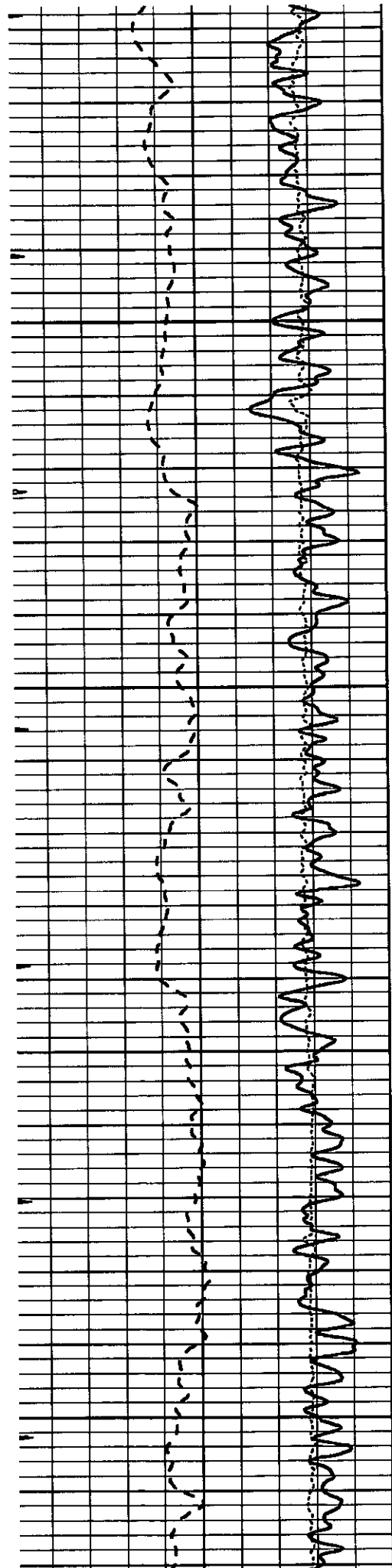
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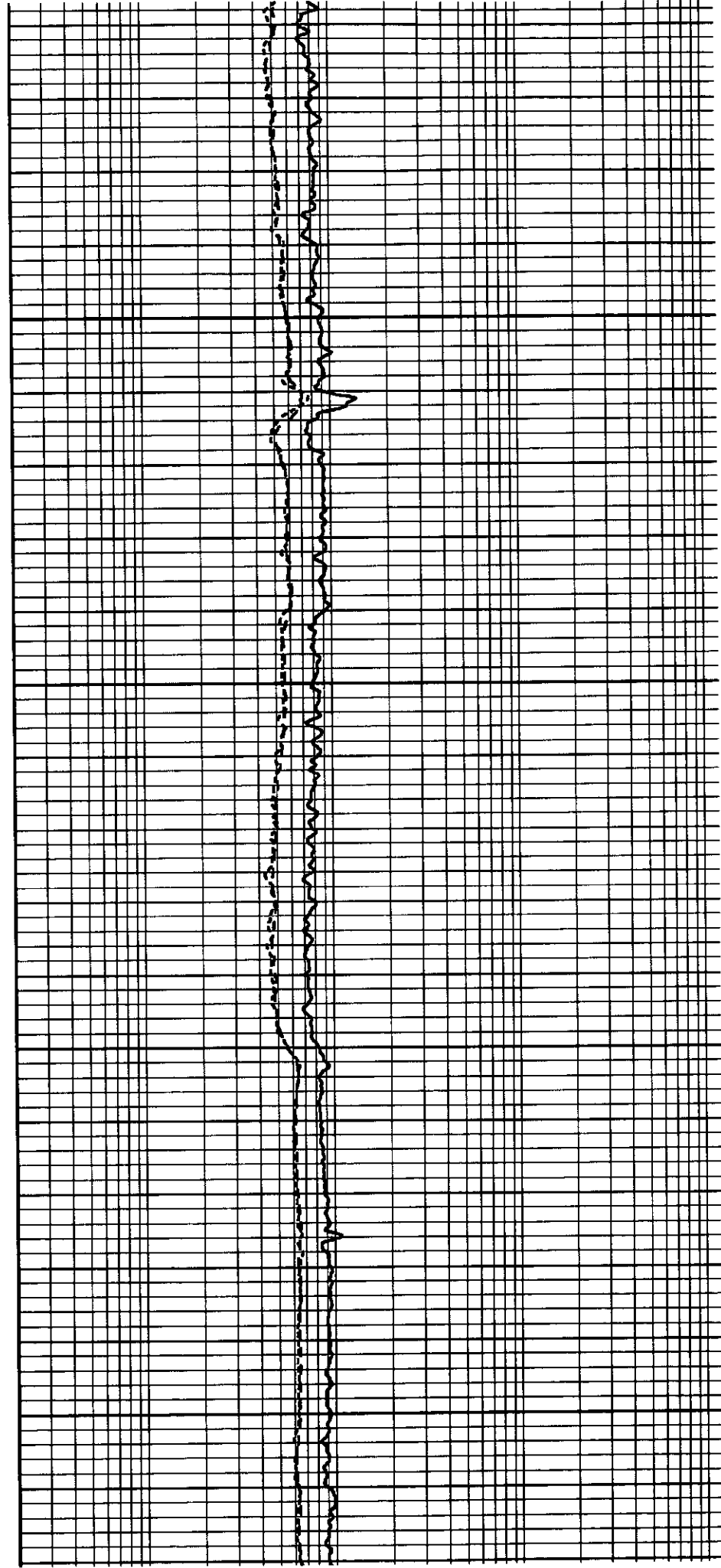


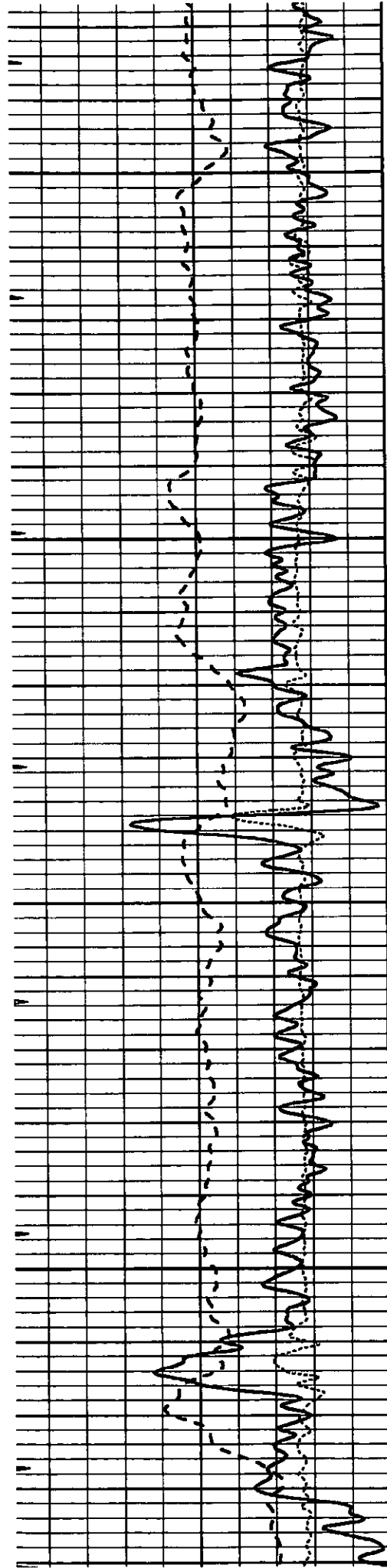
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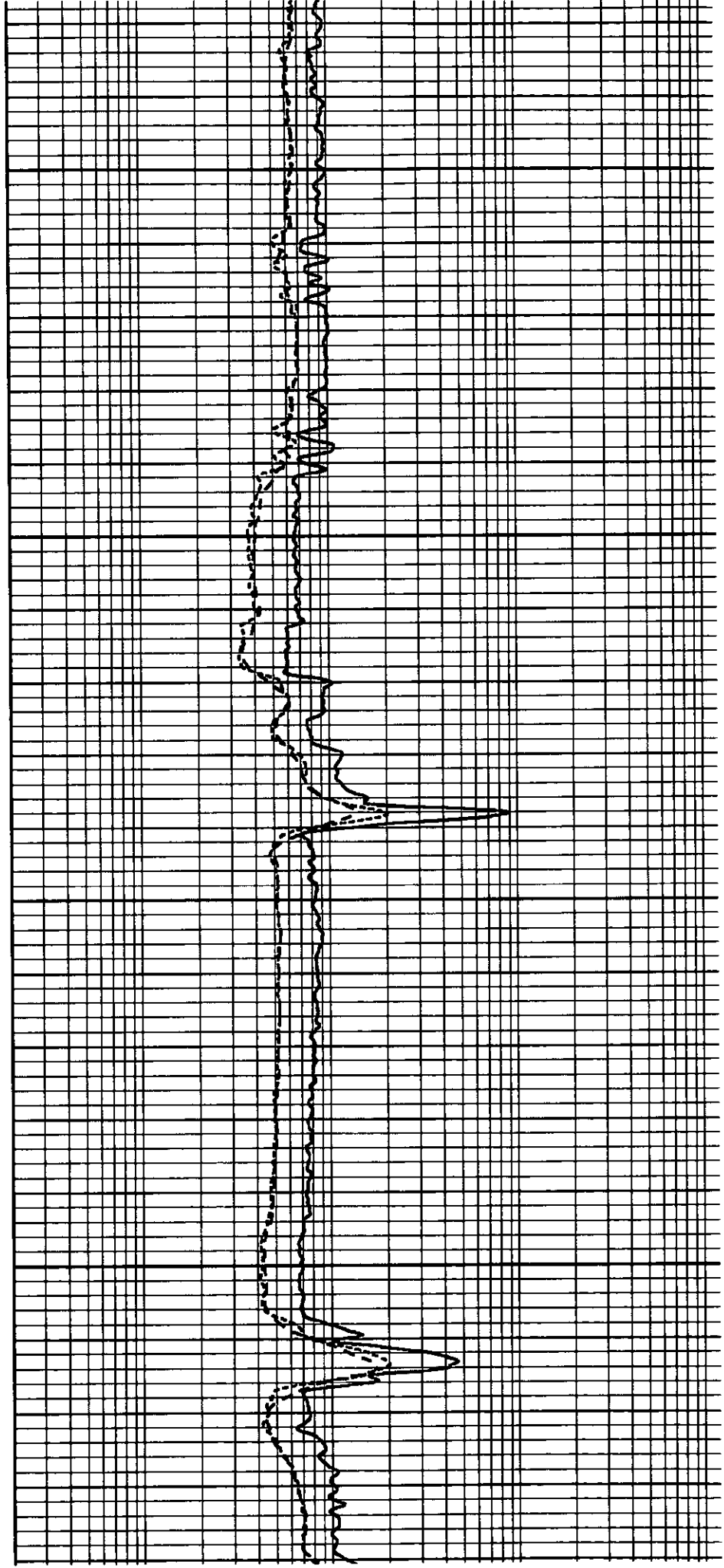


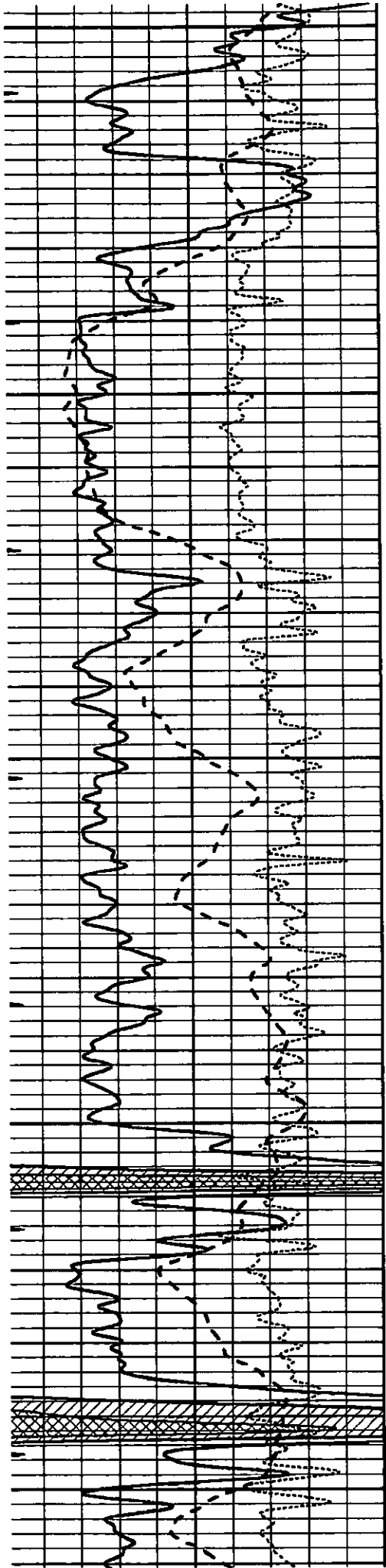
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4300





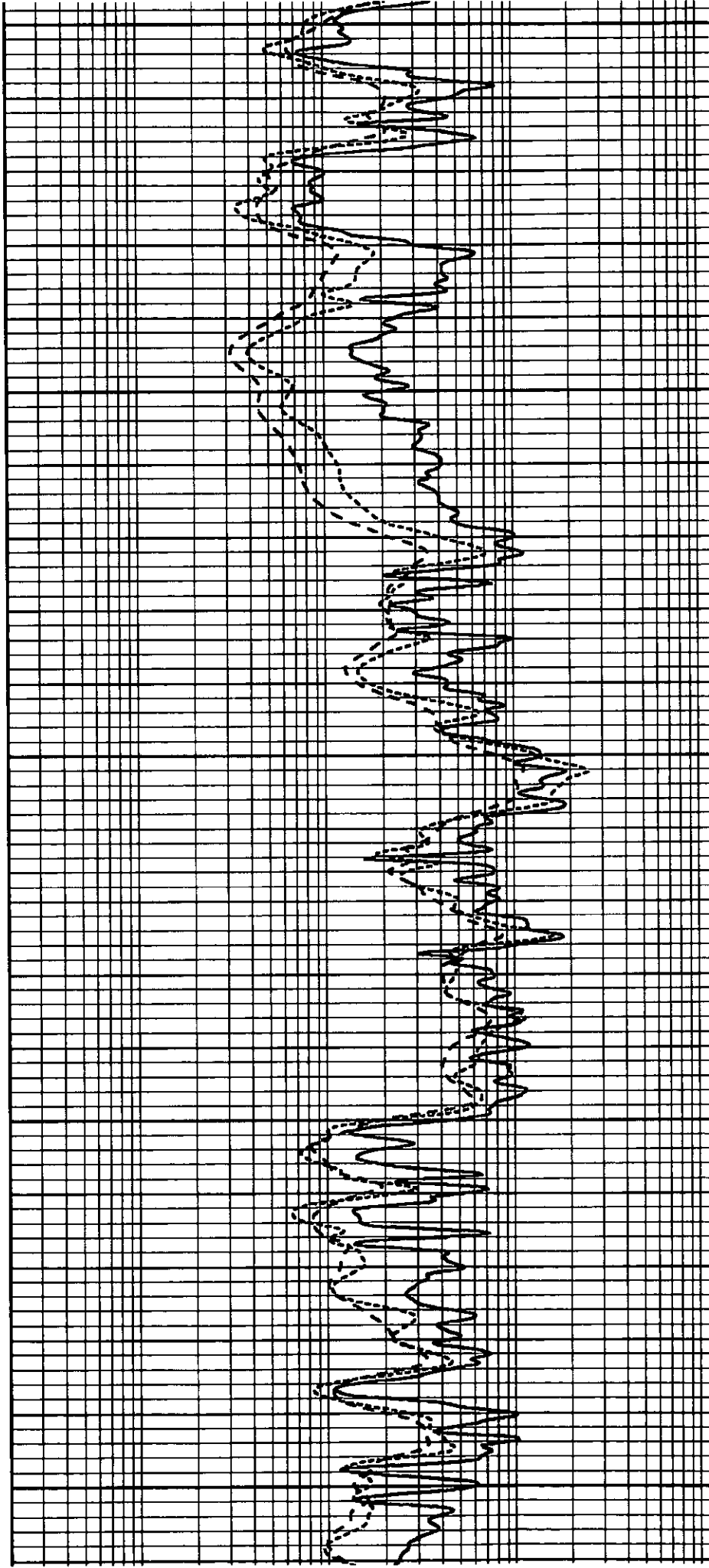
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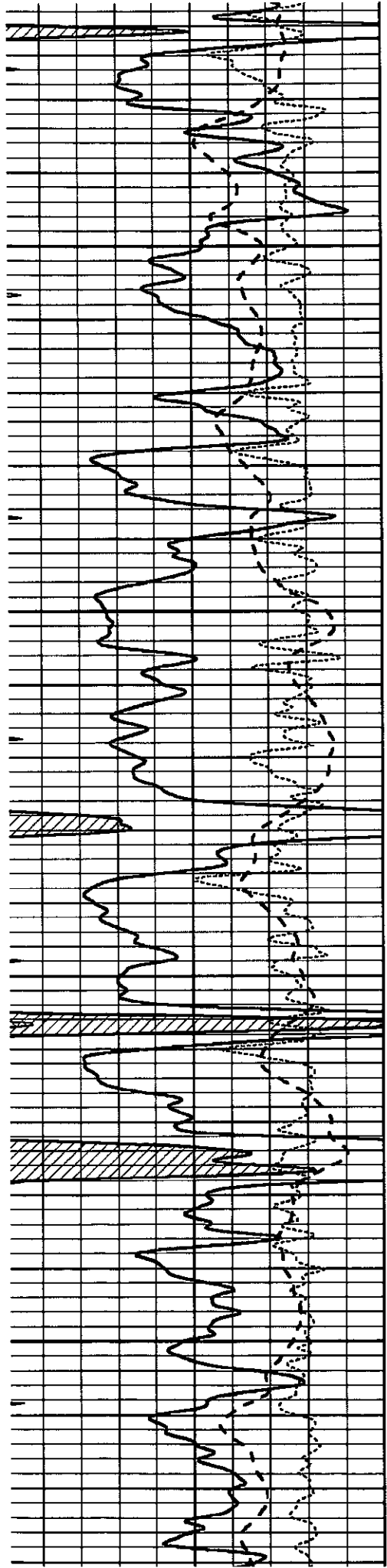
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4500

4550



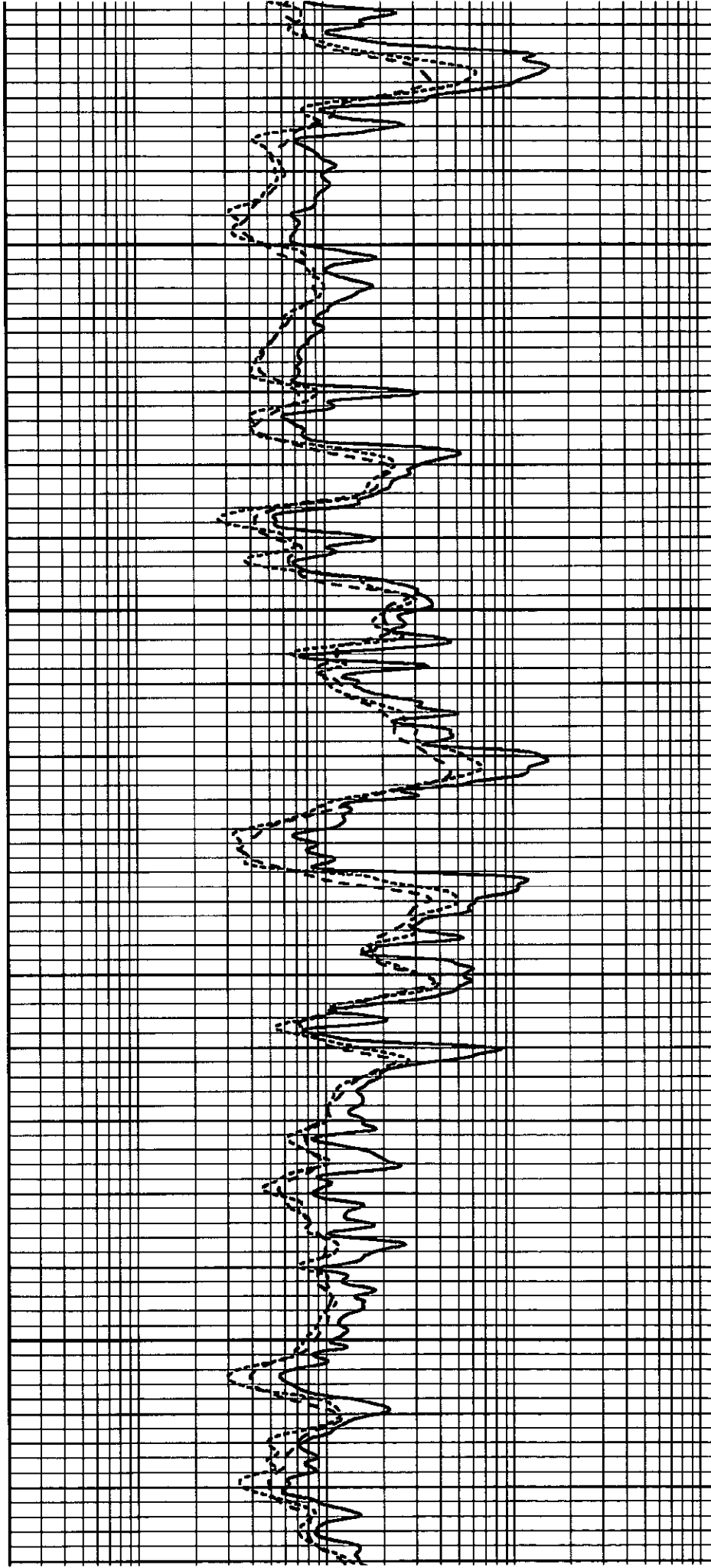


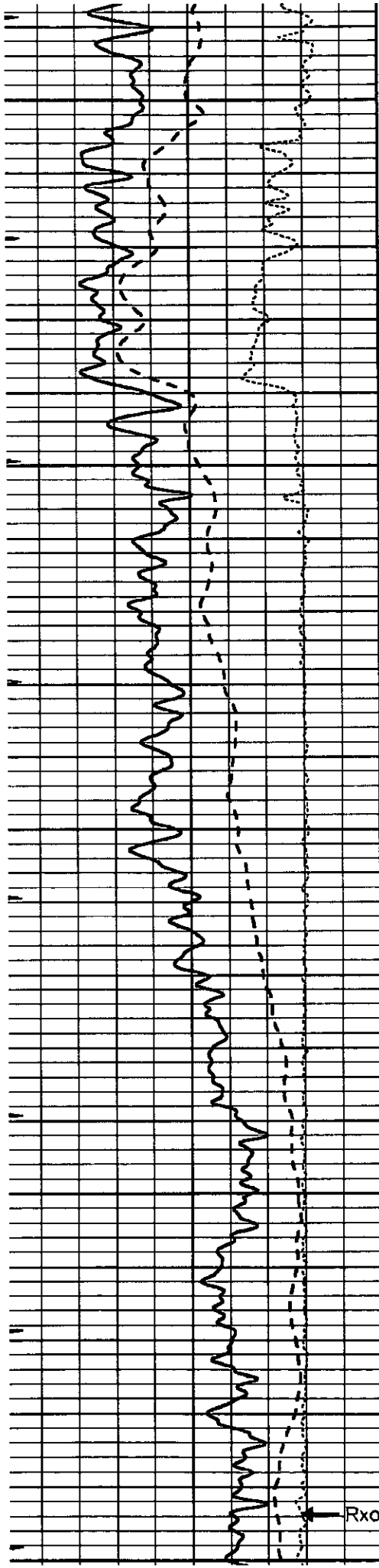
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4650

4700

4750





4800

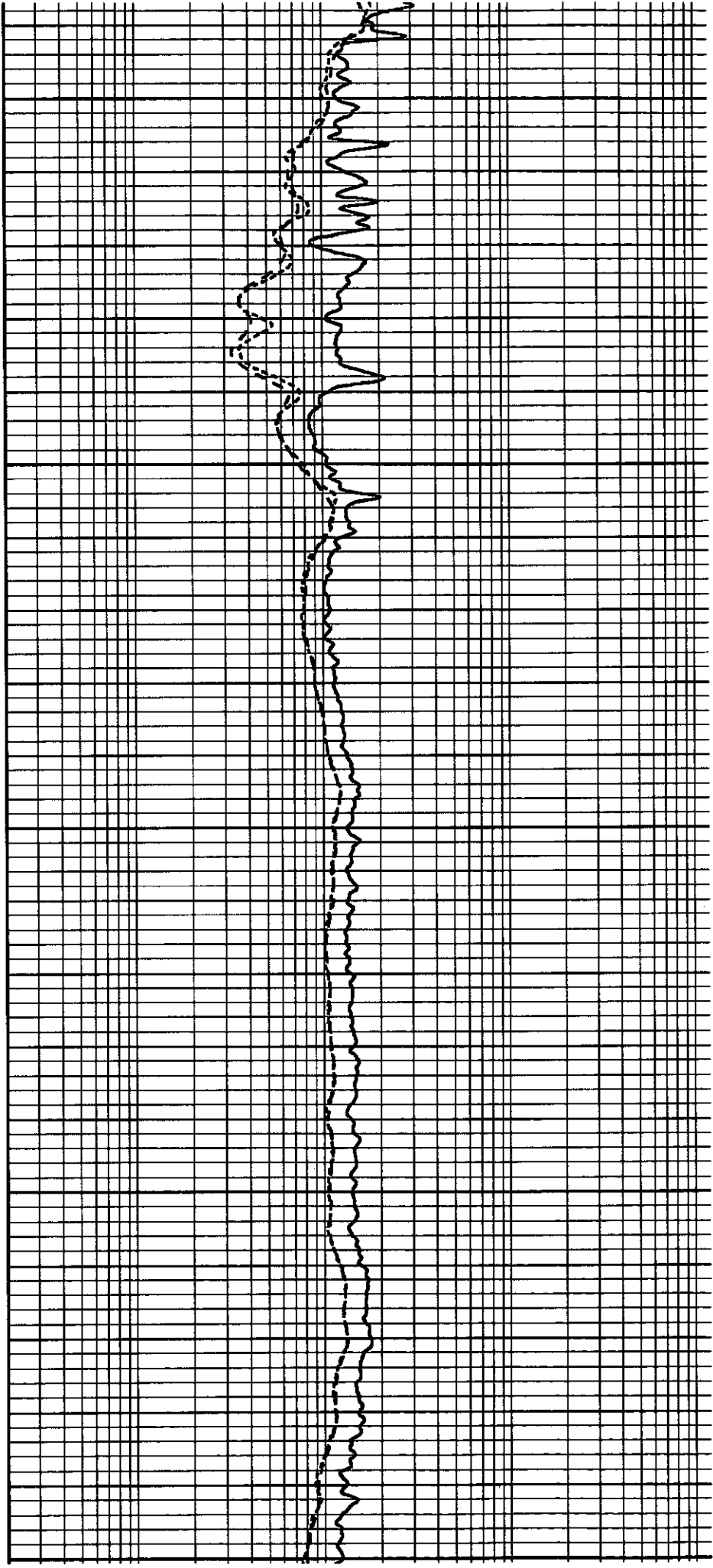
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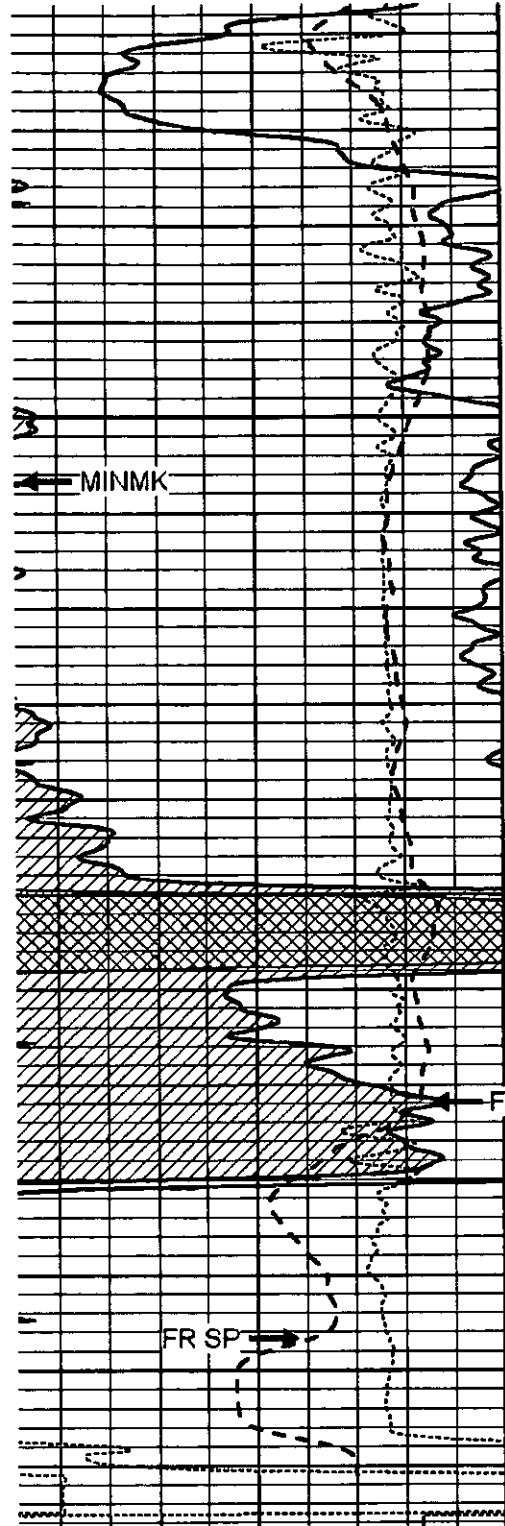
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4950

5000

RxoRt





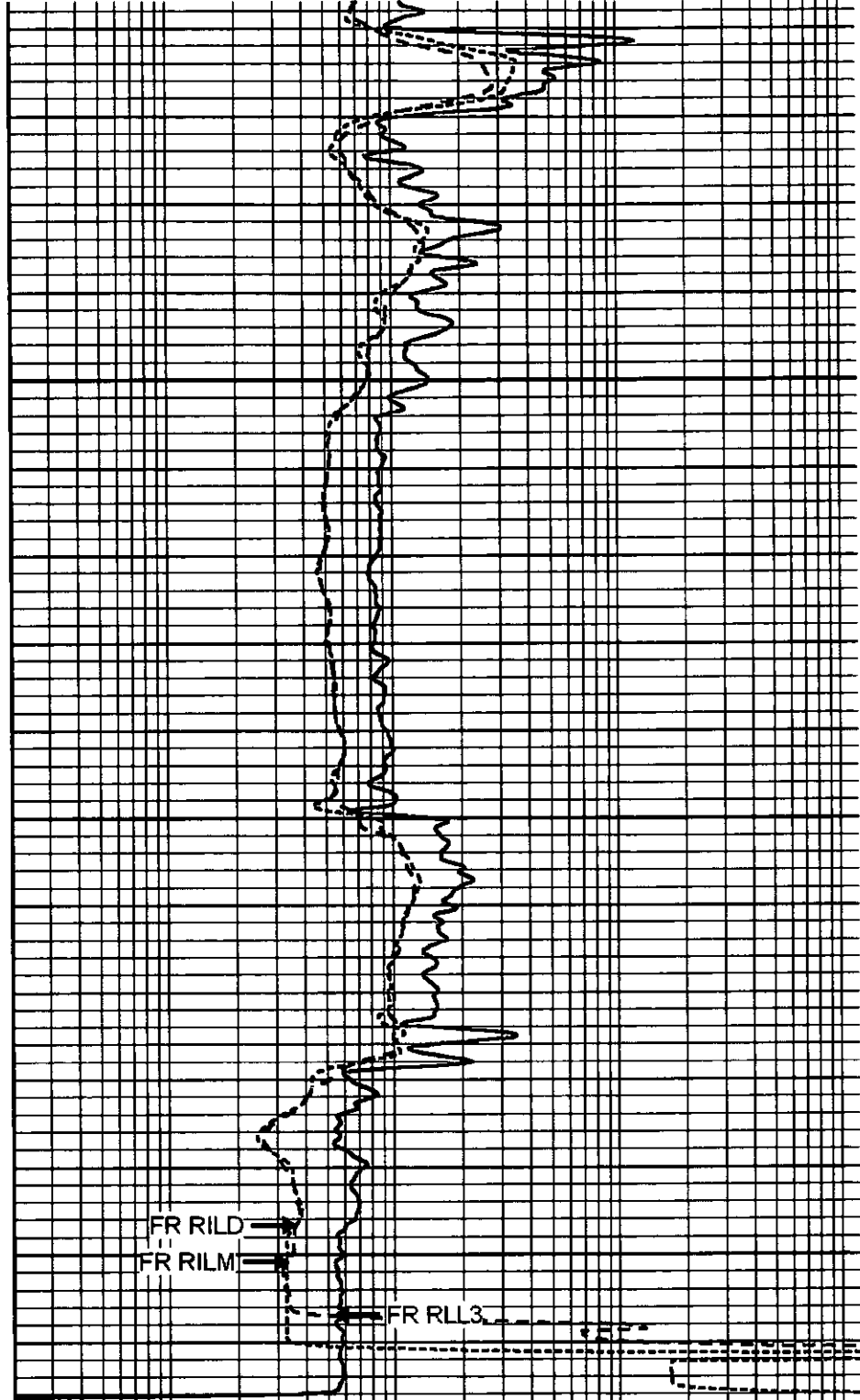
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5100

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--- TD ---

0	GAMMA RAY (GAPI)	150
-100	SP (mV)	100
-250	RxoRt	50
0	MINMK	20



0.2	RLL3 (Ohm-m)	2
0.2	DEEP INDUCTION (Ohm-m)	2
0.2	MEDIUM INDUCTION (Ohm-m)	2



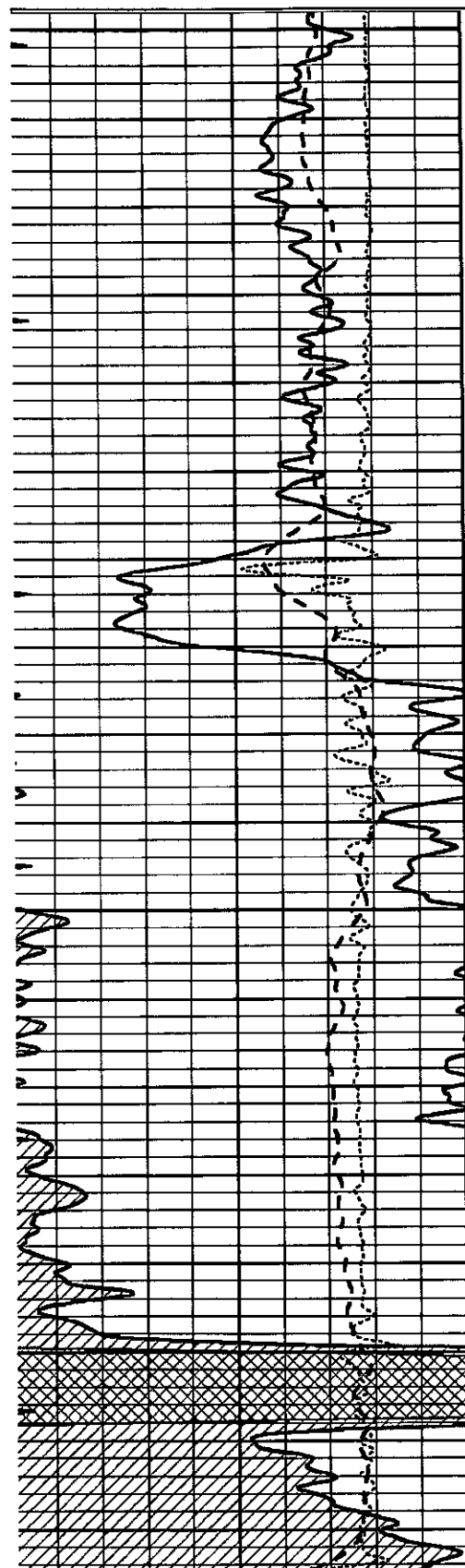
SUPERIOR
WELL SERVICES
Hays,
Kansas

REPEAT SECTION

Presentation Format: dil
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 Charted by: Depth in Feet scaled 1:240

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-100	SP (mV)	100
-250	RxoRt	50
0	MINMK	20

0.2	RLL3 (Ohm-m)	2
0.2	DEEP INDUCTION (Ohm-m)	2
0.2	MEDIUM INDUCTION (Ohm-m)	2

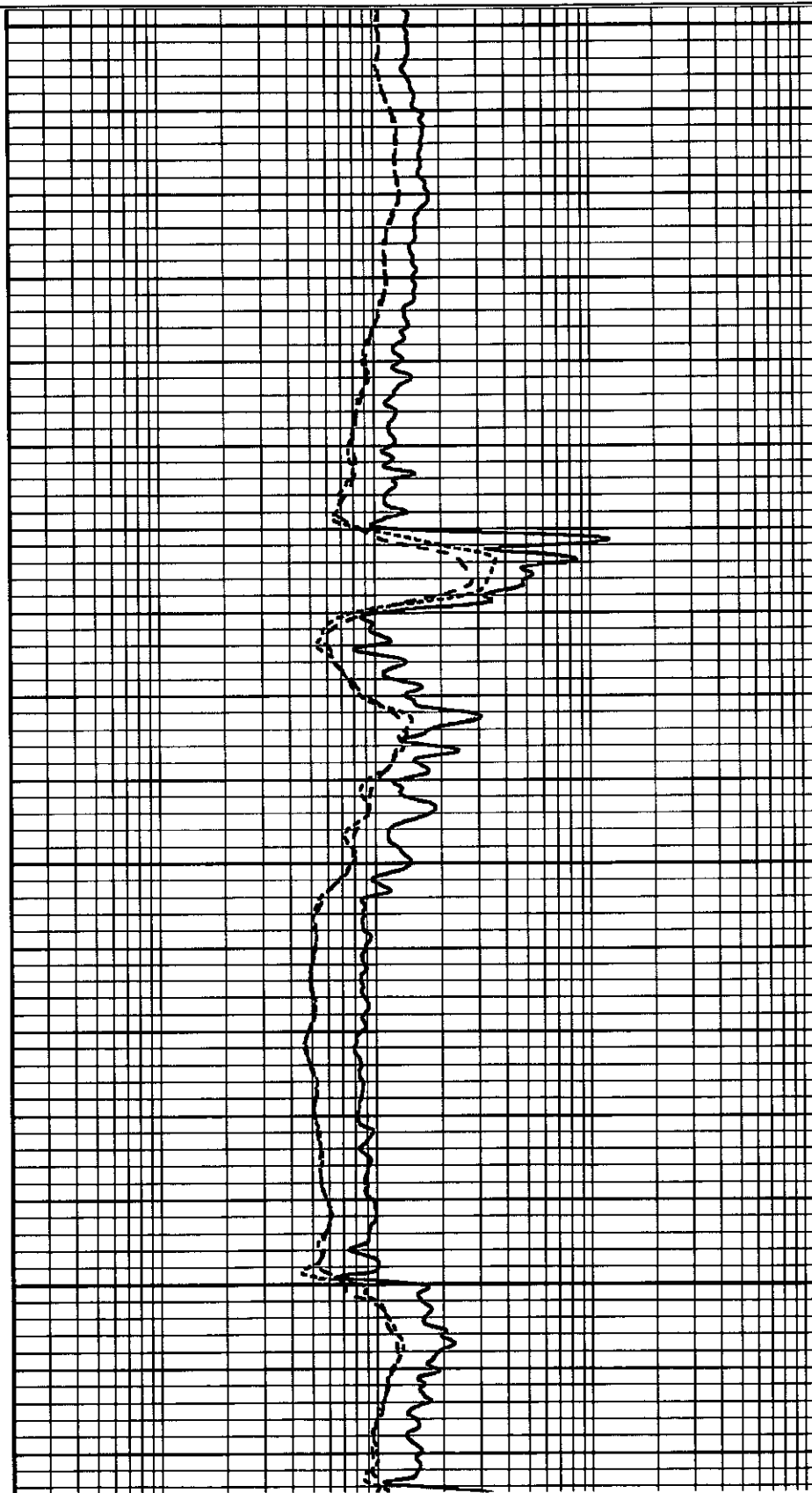


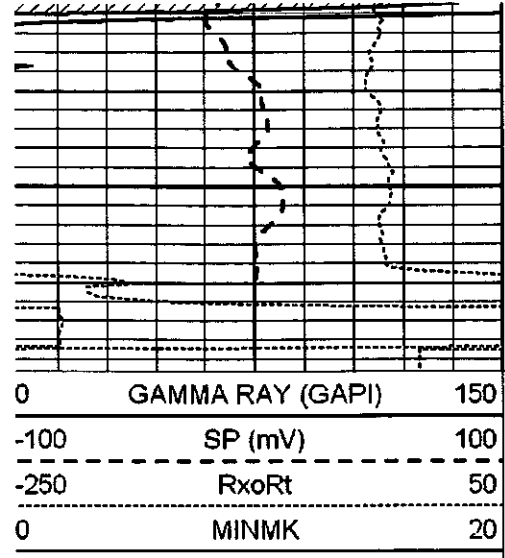
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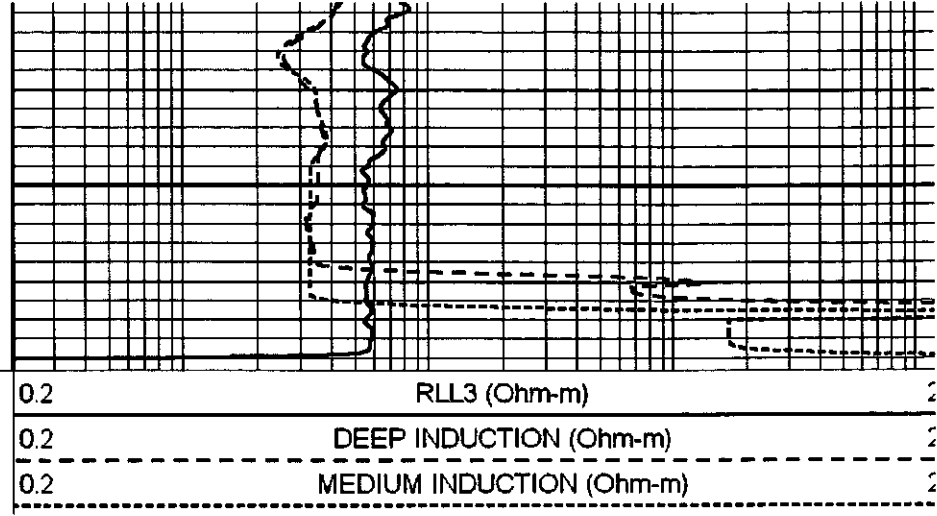
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5100





5150



0	GAMMA RAY (GAPI)	150
-100	SP (mV)	100
-250	RxoRt	50
0	MINMK	20

0.2	RLL3 (Ohm-m)	2
0.2	DEEP INDUCTION (Ohm-m)	2
0.2	MEDIUM INDUCTION (Ohm-m)	2

Calibration Report

Database File: 005639pdn.db
 Dataset Pathname: pass3.2A
 Dataset Creation: Tue Aug 10 16:08:07 2010 by Calc Open-Cased 090629

Dual Induction Calibration Report

Serial-Model: DIL5-GEAR
 Performed: Tue Aug 10 15:21:03 2010

Loop:	Readings				References		Results	
	Air	Loop			Air	Loop	m	b
Deep	0.004	0.654	V	0.000	400.000	mmho/m	510.000	-7.000
Medium	-0.005	0.737	V	0.000	462.500	mmho/m	500.000	-10.000
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.006	0.655	V	0.000	400.000	mmho/m	615.668	-3.483
Medium	0.010	0.747	V	0.000	462.500	mmho/m	627.607	-6.064

Litho Density Calibration Report
 Serial: 002 Model: PRB
 Performed Tue Jul 03 11:12:28 2007

Litho Density Calibration

	Background	Magnesium	Aluminum	Sandstone	
Window 1	1059.5	9172.0	2859.6	10210.6	cps
Window 2	976.0	7793.2	2486.1	8515.6	cps
Window 3	689.8	2930.5	1159.0	3096.2	cps
Window 4	231.9	237.2	231.1	234.0	cps
Long Space	0.0	6817.1	1510.1	7539.6	cps
Short Space	1.6	1758.1	1188.6	1898.8	cps
Rho		1.7100	2.5960	1.3800	g/cc
Pe			2.5700	1.5500	

Rib Angle	: 45.4	Rib Slope	: 1.015	Density/Spine Ratio	: 0.569
Spine Angle	: 75.4	Spine Slope	: 3.850	Spine Intercept	: -19.9

Caliper	Readings	Reference
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Compensated Neutron Calibration Report

Serial Number: NEU_11
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: GR5
Tool Model: OPEN
Performed: Tue Aug 10 13:45:11 2010

Calibrator Value: 1.0 GAPI

Background Reading: 0.0 cps
Calibrator Reading: 1.0 cps

Sensitivity: 0.6400 GAPI/cps



SUPERIOR
Hays,
Kansas

MICRO
LOG

Company **LOTUS OPERATING COMPANY, LLC.**
Well **C.R. WETZ #5**
Field **STRANATHAN**
County **BARBER** State **KANSAS**

Location: API #: **15-007-23581**
50' FSL & 1880' FEL
SEC 36 TWP 34S RGE 12W
Other Services
CDL/CNL/PE
SONIC/DIL
Elevation
K.B. 1420
D.F.
G.L. 1411
Permanent Datum **GROUND LEVEL** Elevation **1411**
Log Measured From **KELLY BUSHING 9' A.G.L.**
Drilling Measured From **KELLY BUSHING**

Company
Well
Field
County
State
LOTUS OPERATING CO., LLC.
C.R. WETZ #5
STRANATHAN
BARBER
KANSAS

ate	8-10-10		
in Number	TWO		
epth Driller	5160		
epth Logger	5159		
ottom Logged Interval	5141		
ep Log Interval	3700		
asing Driller	268		
asing Logger	268		
t Size	7.875		
pe Fluid in Hole	CHEMICAL MUD		
ensity / Viscosity	9.5 / 47		
4 / Fluid Loss	10.0 / 12.4		
ource of Sample	FLOWLINE		
n @ Meas. Temp	.60 @ 93F		
nf @ Meas. Temp	0.45 @ 93F		
nc @ Meas. Temp	0.72 @ 93F		
ource of Rmf / Rmc	MEASURED		
n @ BHT	.440 @ 126F		
me Circulation Stopped	3 HOURS		
me Logger on Bottom	1:00 P.M.		
aximum Recorded Temperature	126F		
quipment Number	860		
ocation	HAYS, KS.		
ecorded By	RUPP		
itnessed 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 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.

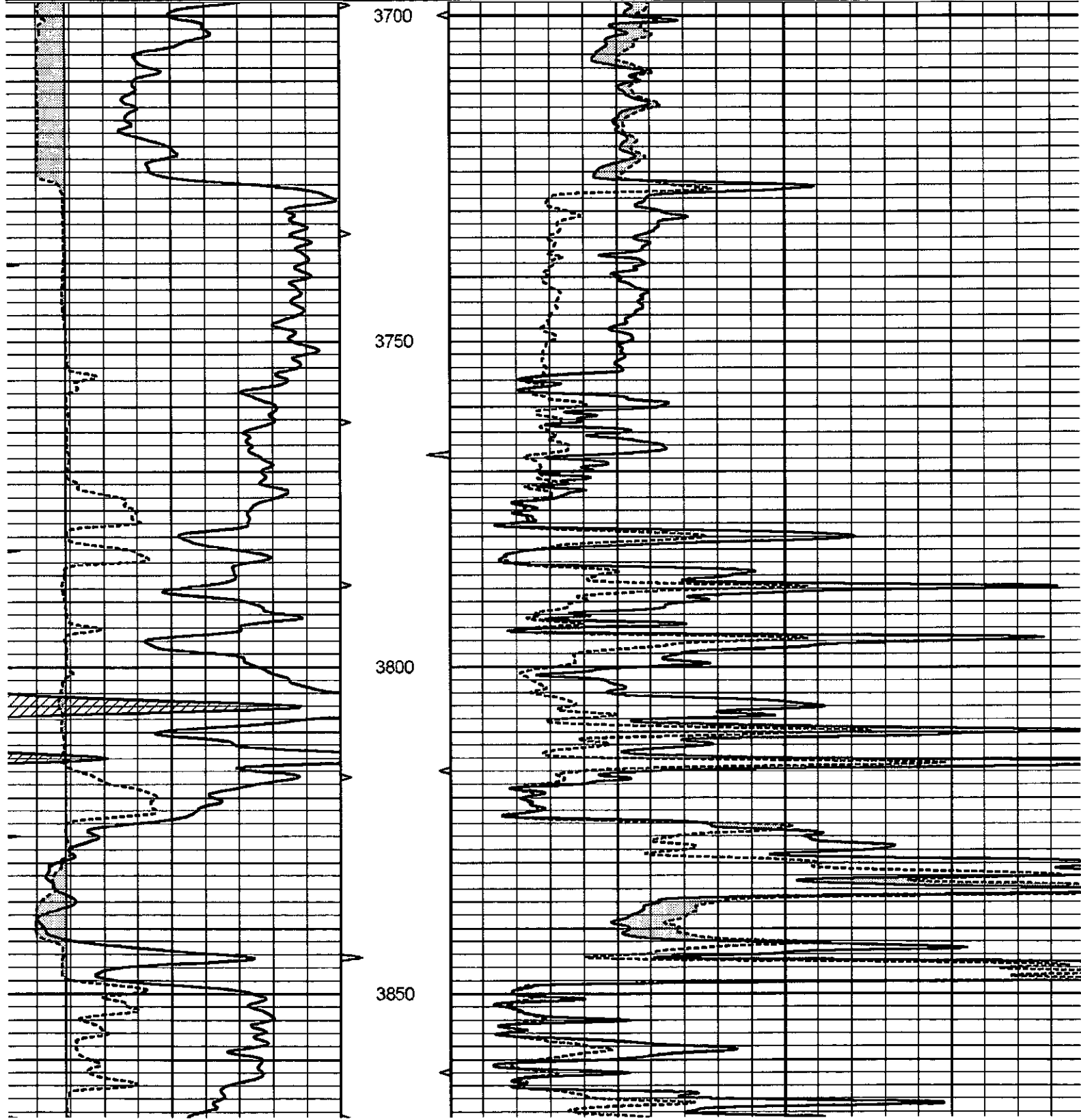
Comments

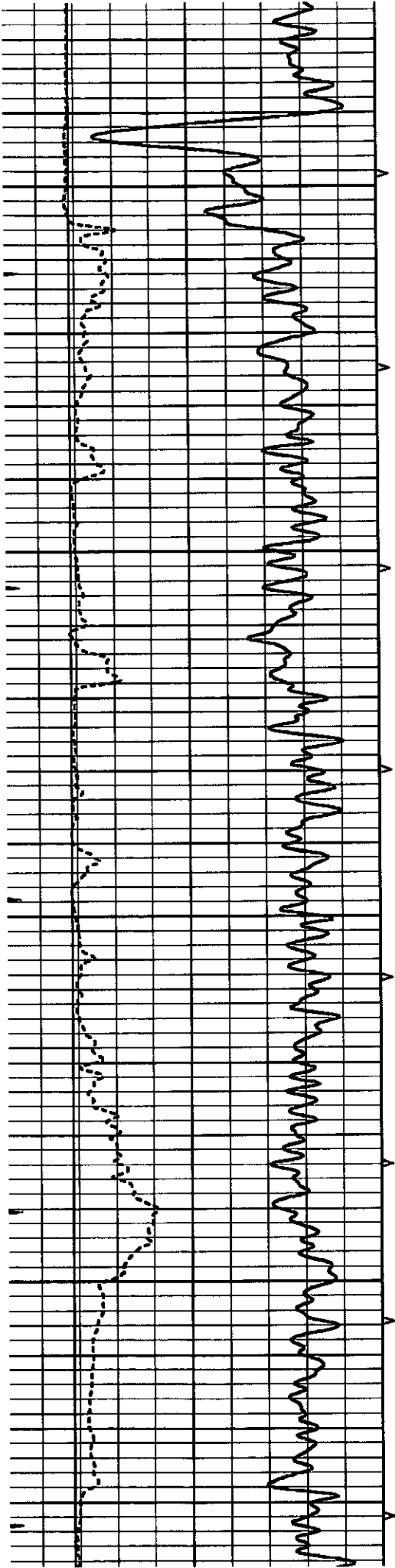
SUPERIOR WELL SERVICES
785-628-6395
THANK YOU FOR YOUR BUSINESS
DIRECTIONS: MEDICINE LODGE, S TO MM#7, 1/2W, N INTO.

Database File: 005639pdr.db
 Dataset Pathname: pass5.2
 Presentation Format: micro
 Dataset Creation: Tue Aug 10 18:14:52 2010
 Charted by: Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	ABHV	0
6	CALIPER (in)	16	(ft3)	0 0
0	MINMK	20	TBHV	
			(ft3)	10

0	MEL1.5 (Ohm-m)
0 0	MEL2.0 (Ohm-m)



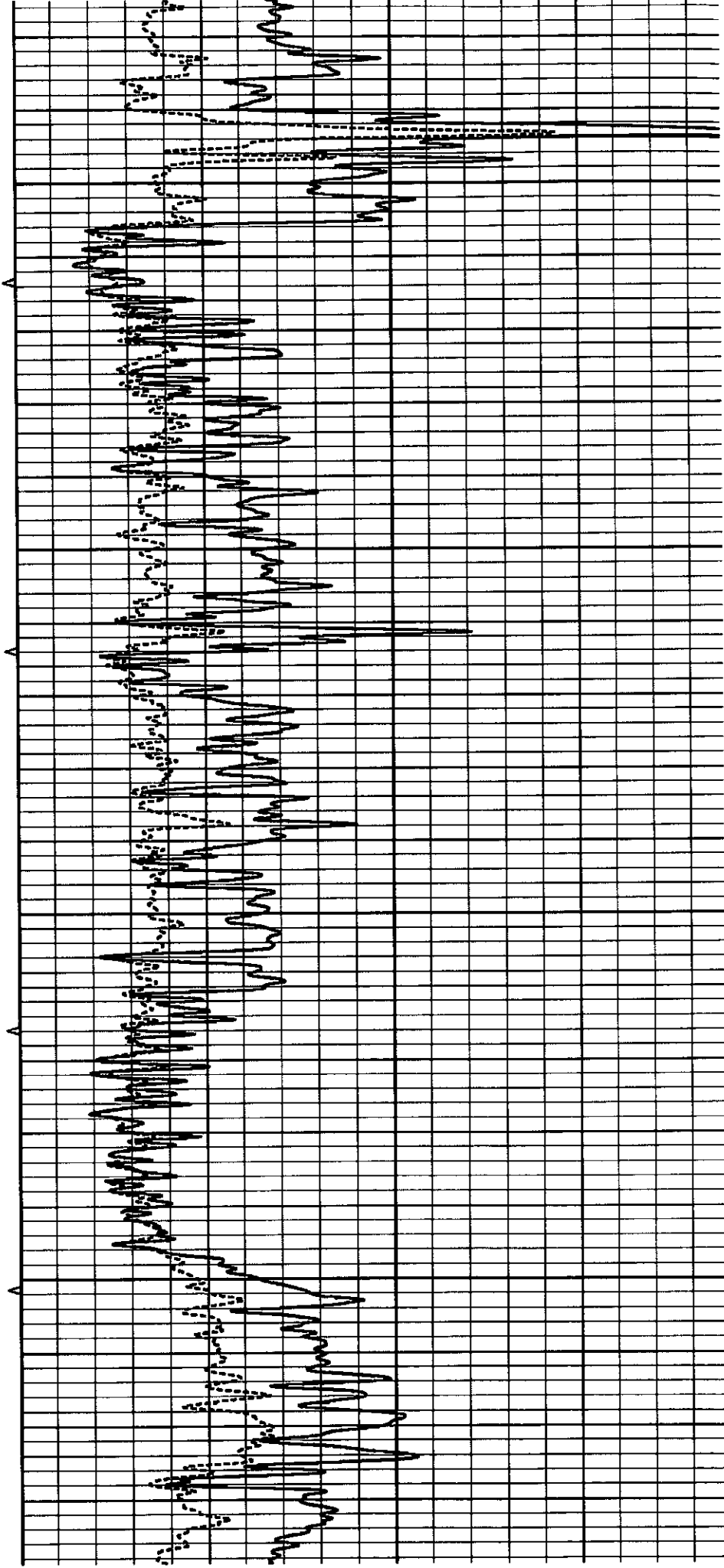


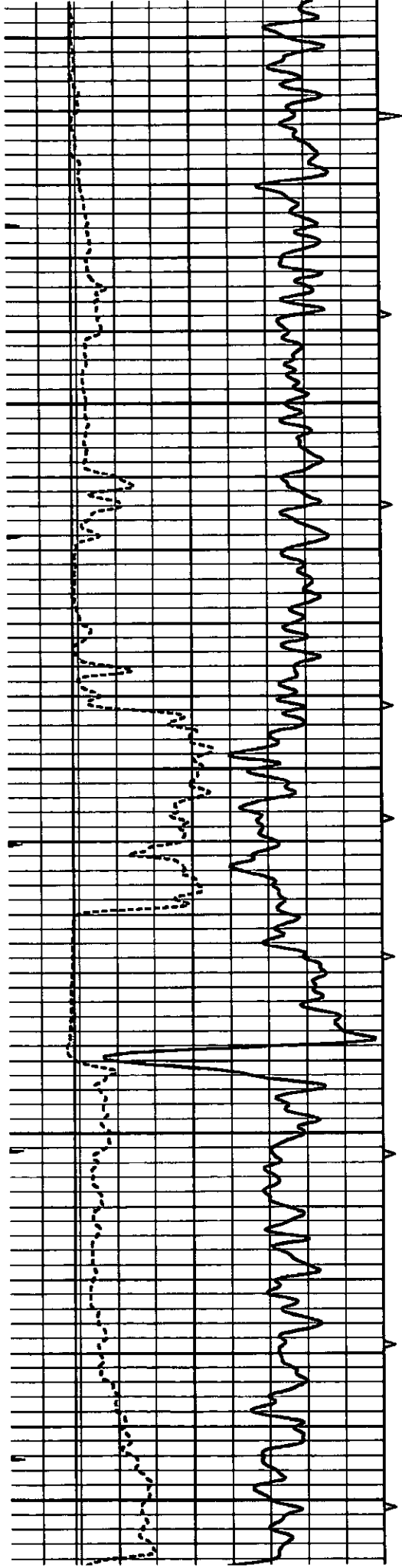
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3950

4000

4050





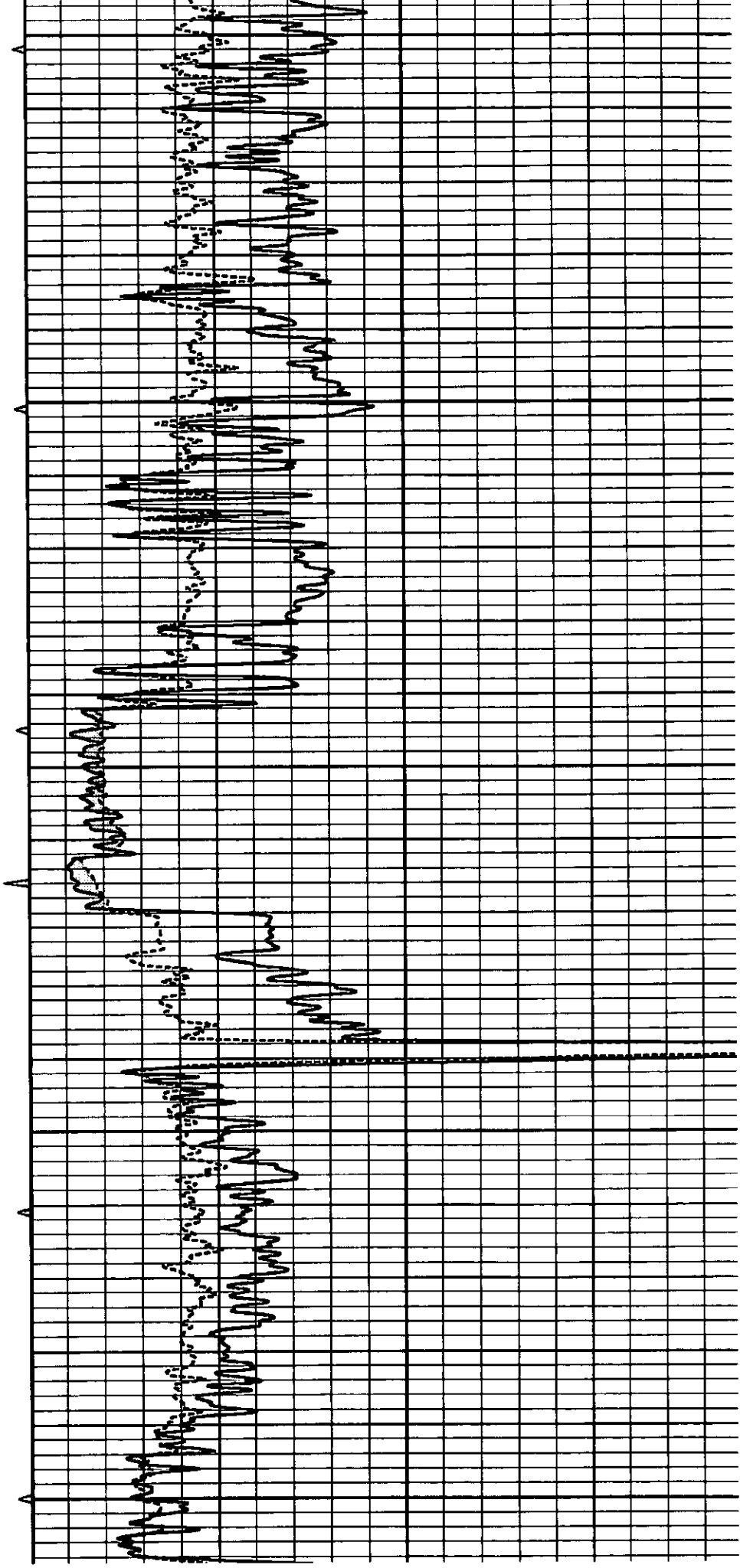
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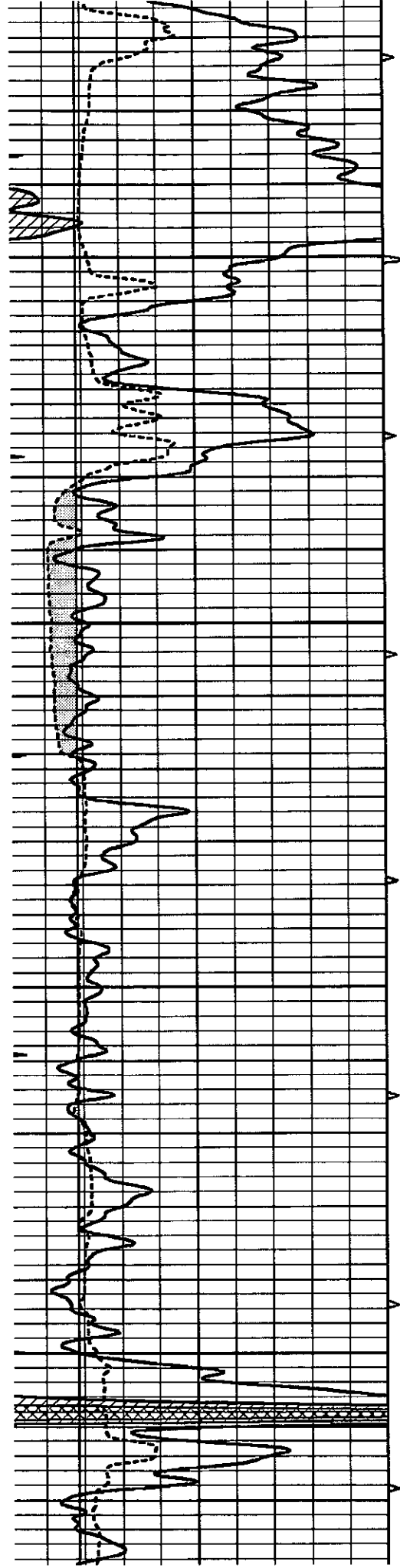
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4200

4250

4300



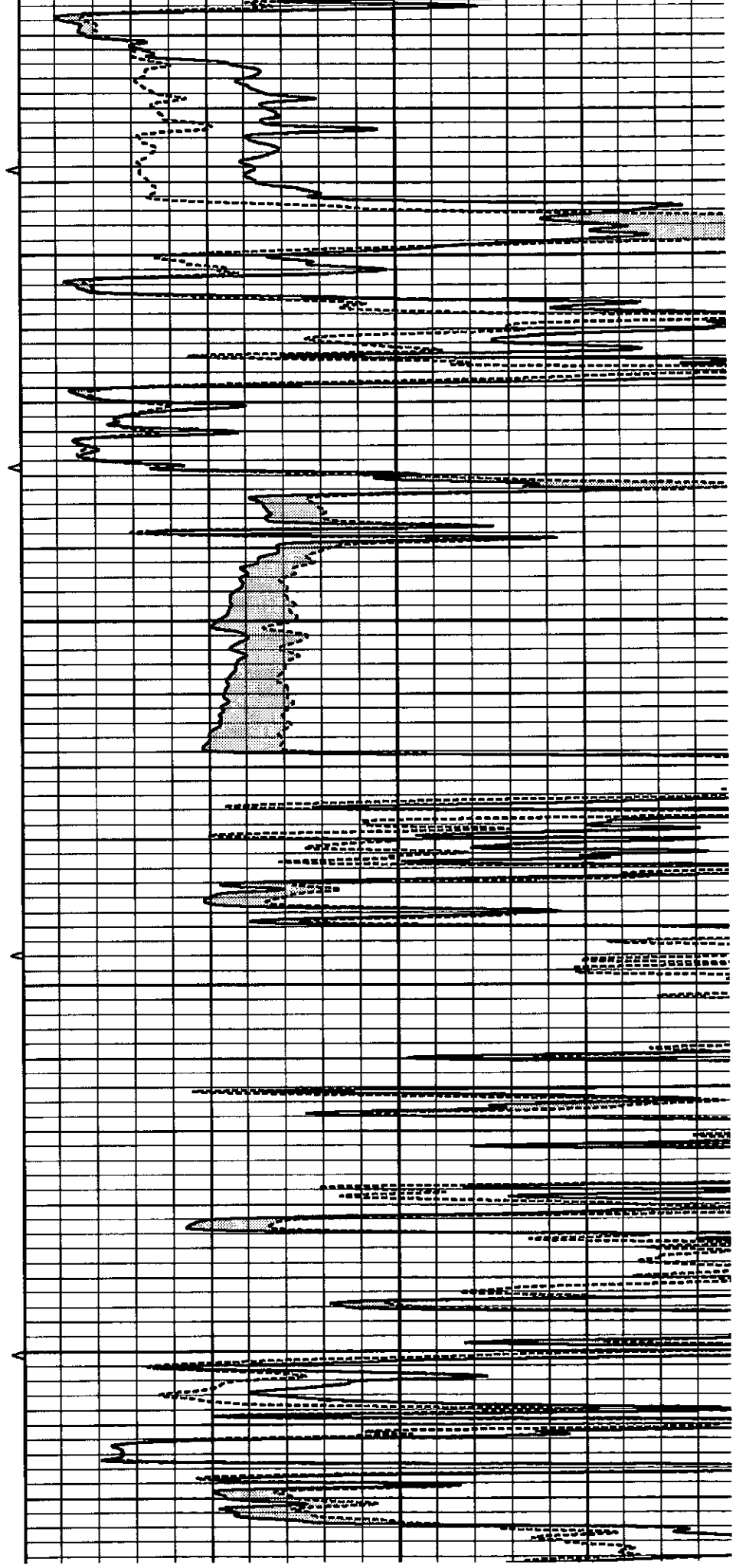


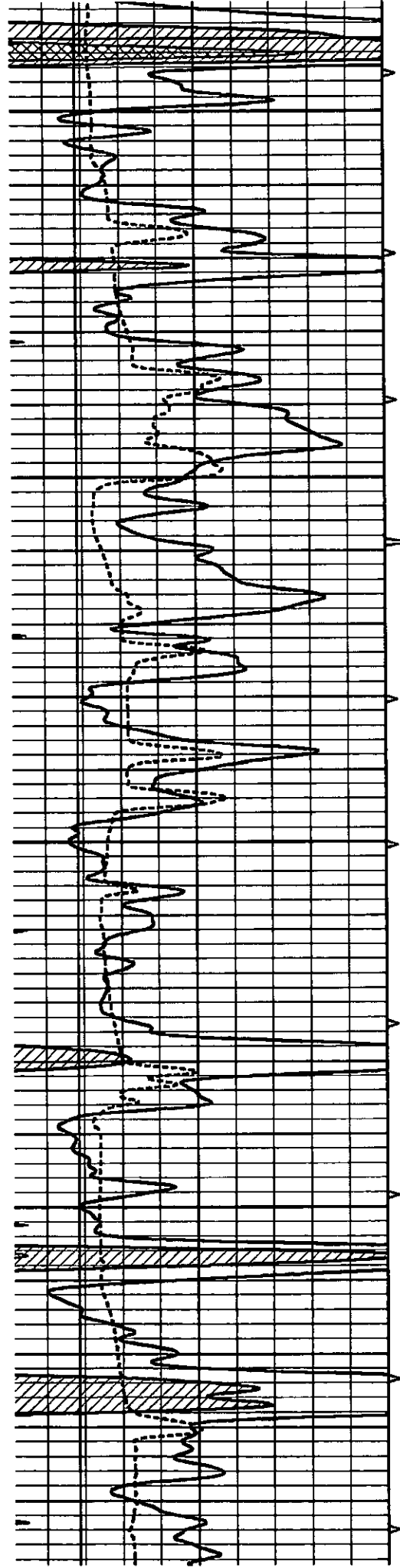
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4500



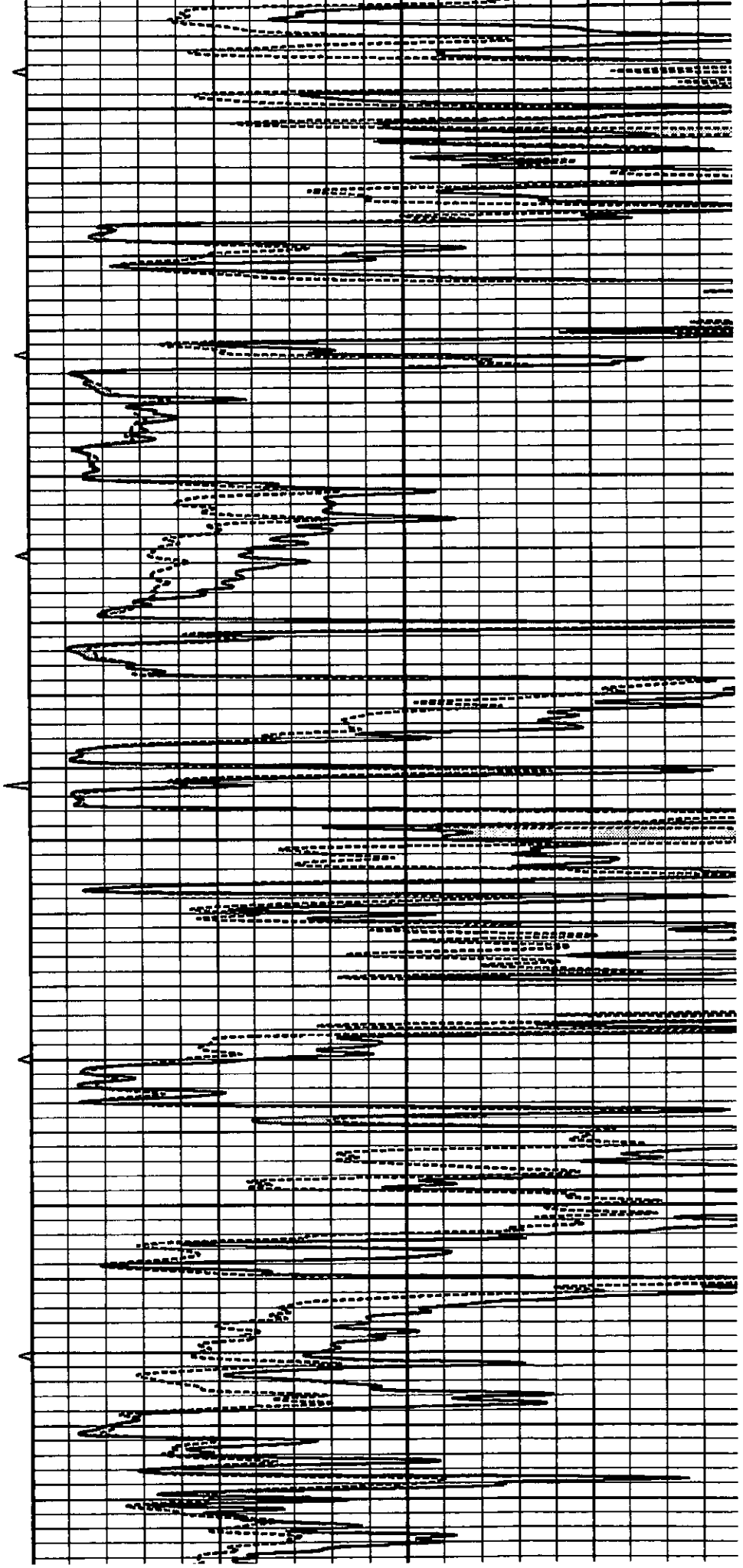


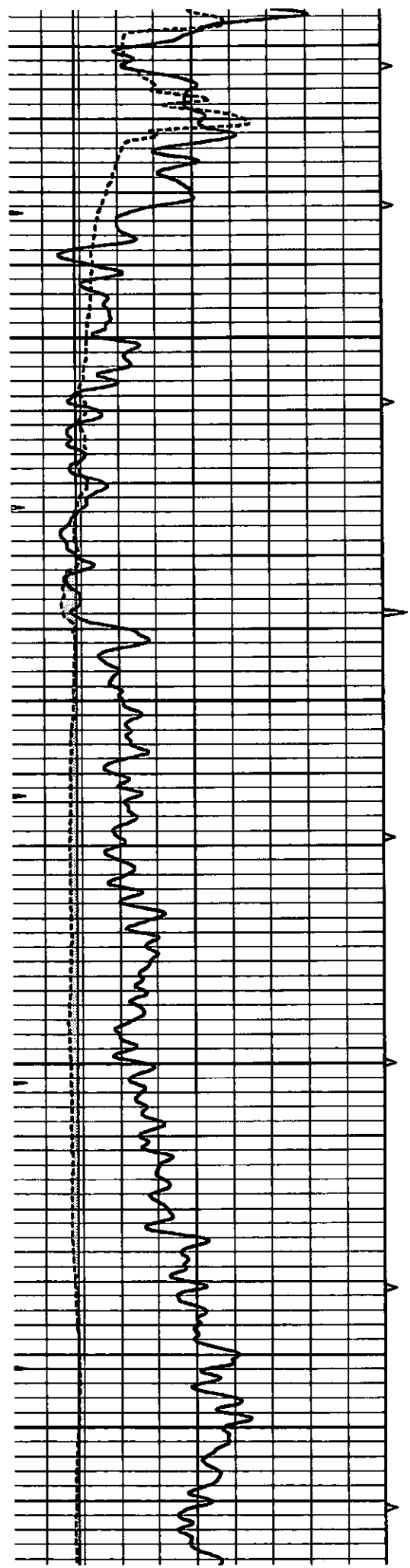
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4650

4700



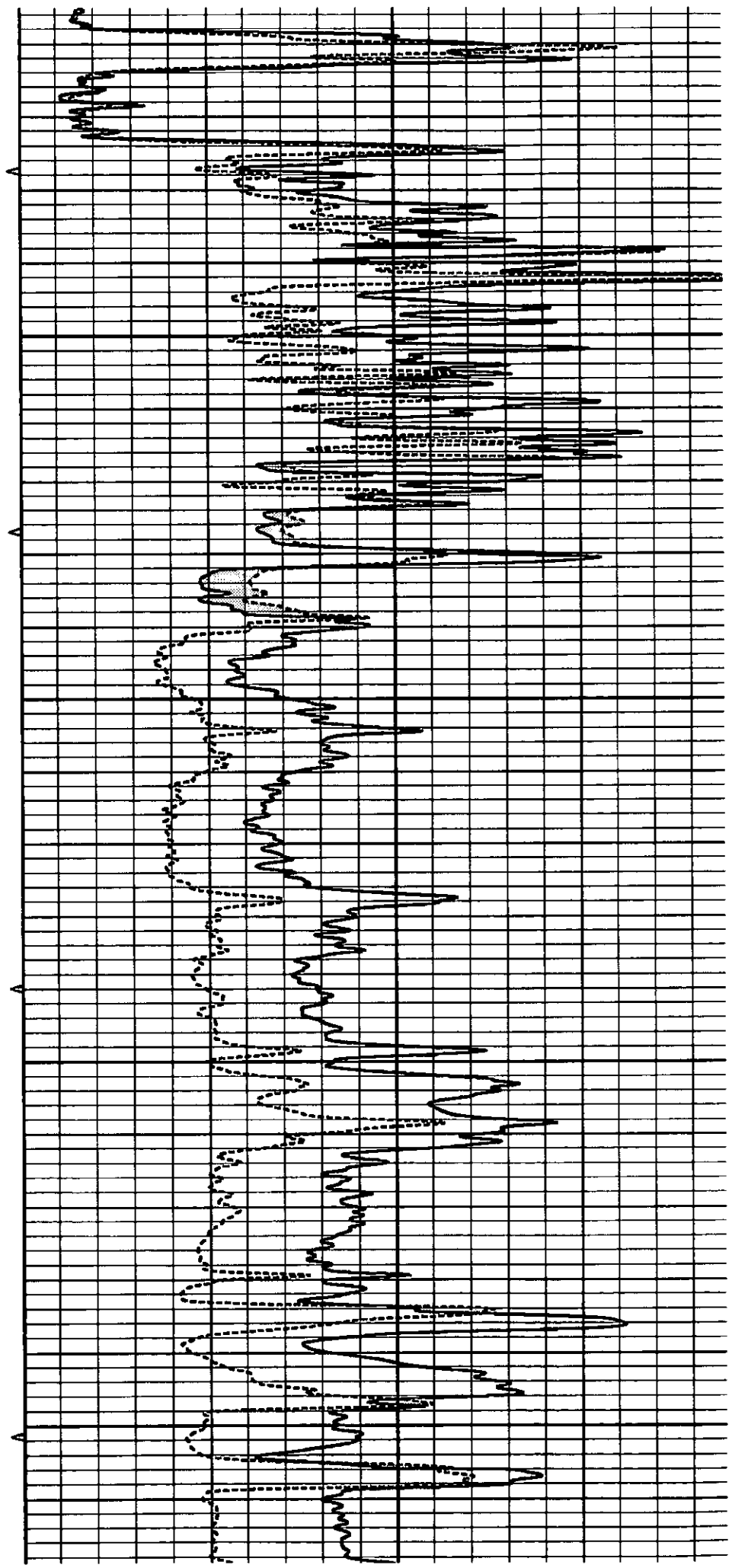


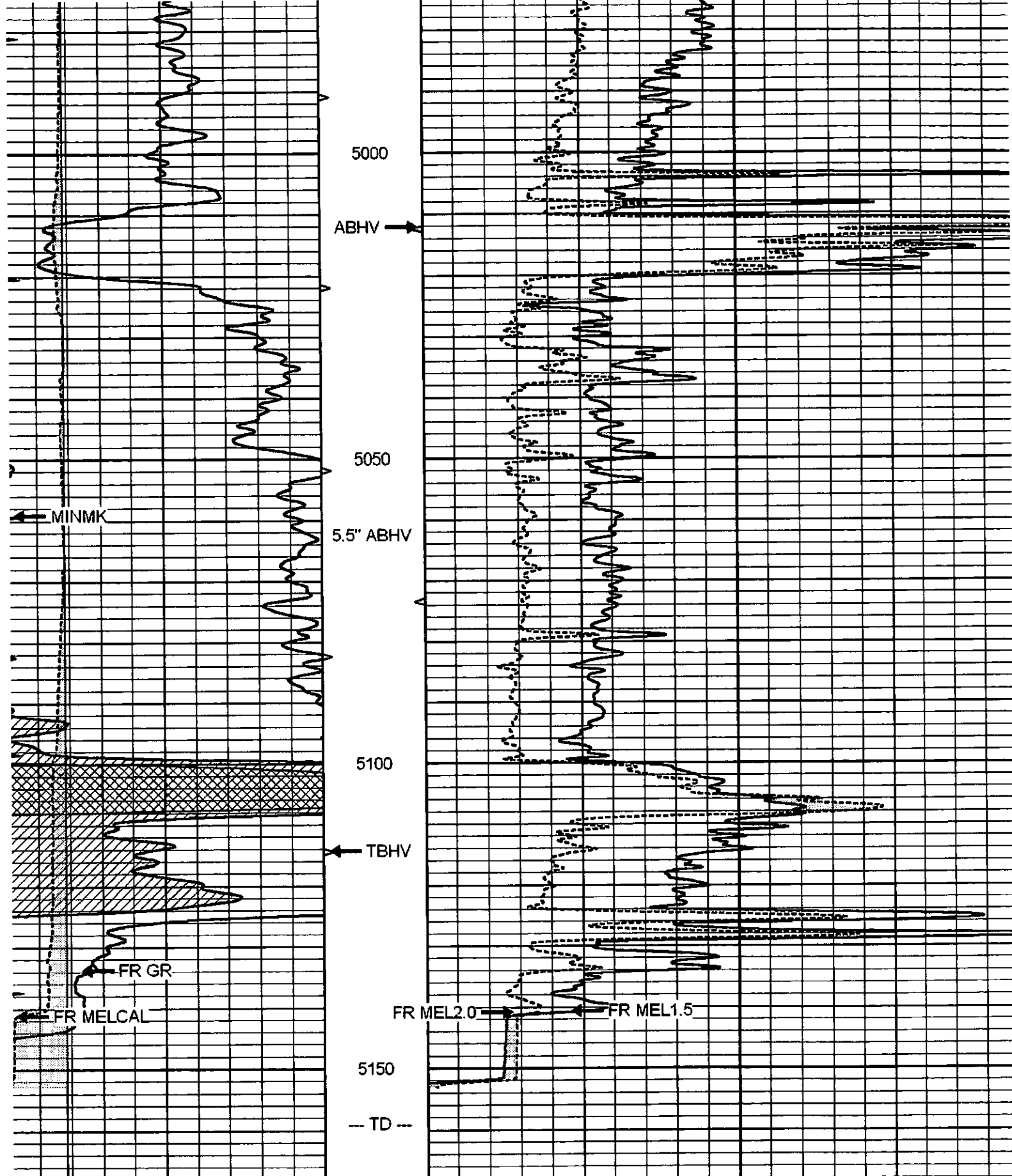
4800

4850

4900

4950





0	GAMMA RAY (GAPI)	150	ABHV	0	MEL1.5 (Ohm-m)
6	CALIPER (in)	16	10 (ft3)	0 0	MEL2.0 (Ohm-m)
0	MINMK	20	TBHV		
			0 (ft3)	10	



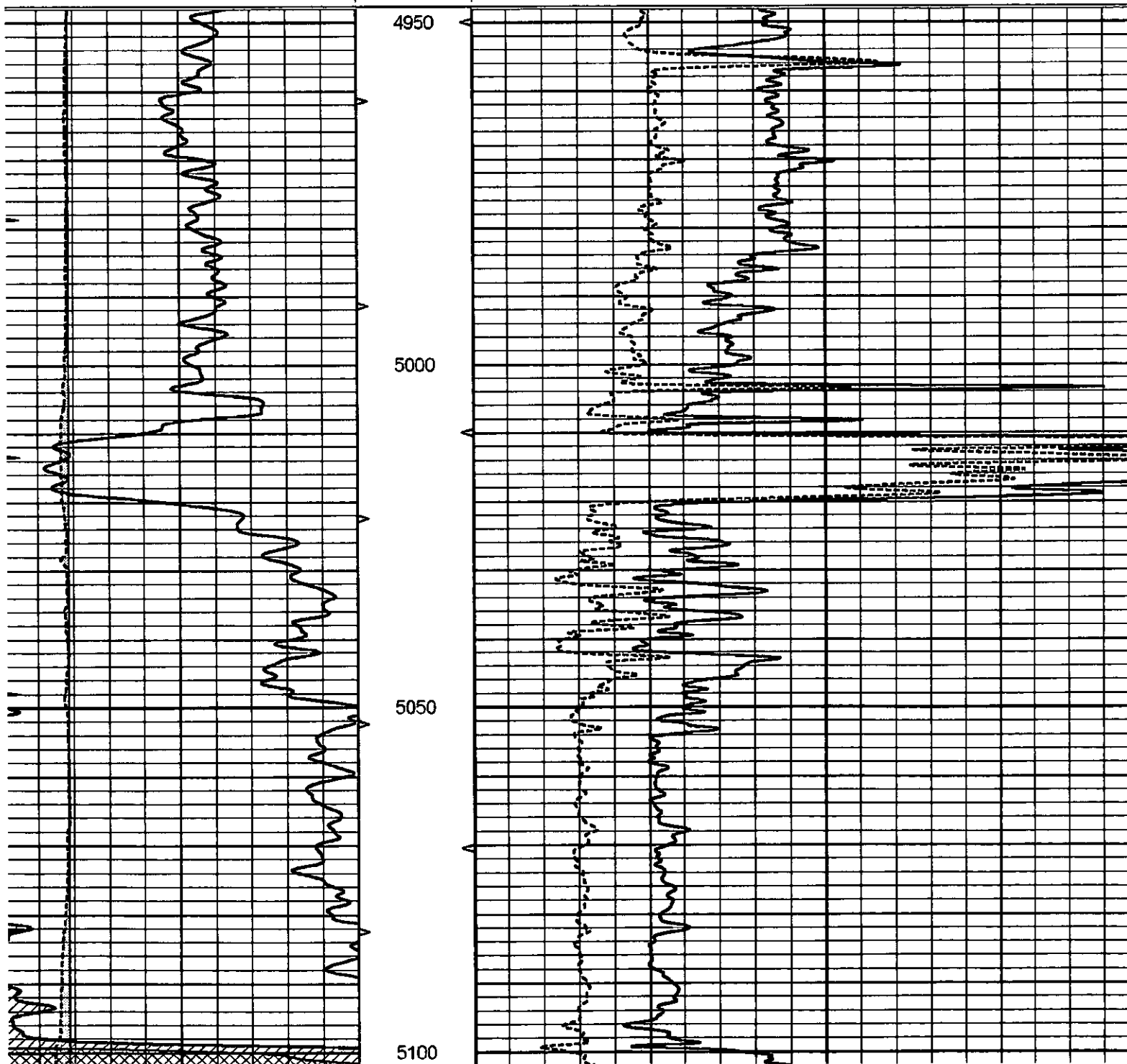
SUPERIOR

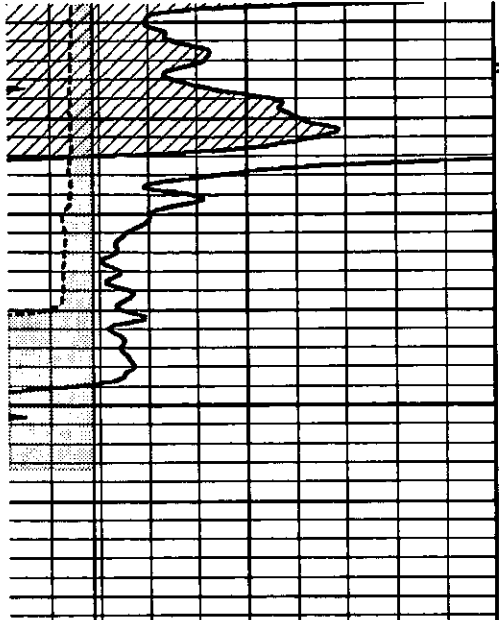
Hays,
Kansas

REPEAT SECTION

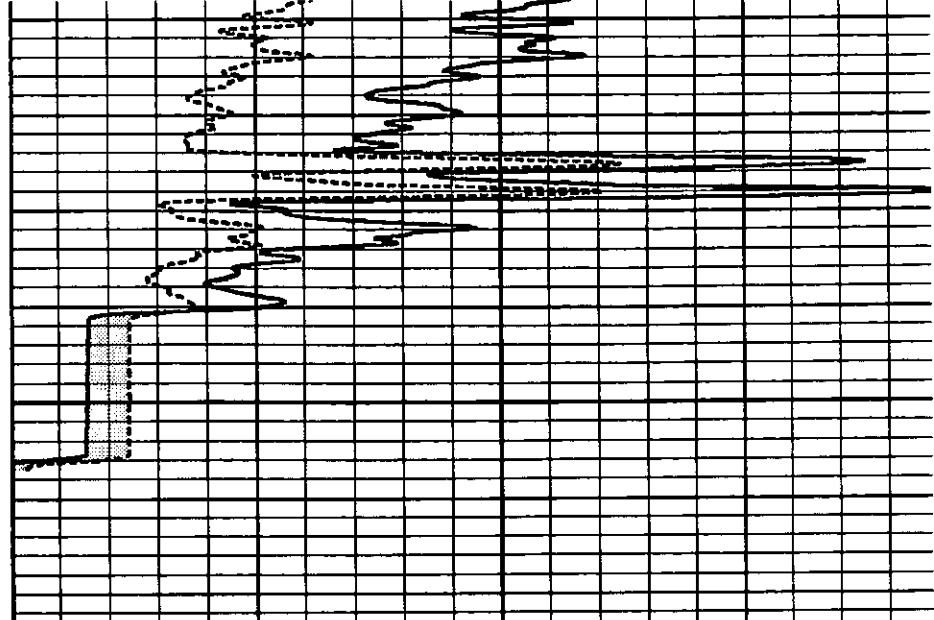
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Dataset Pathname: pass4.A
Presentation Format: micro
Dataset Creation: Tue Aug 10 16:35:46 2010 by Calc Open-Cased 090629
Charted by: Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	ABHV	0	MEL1.5 (Ohm-m)
6	CALIPER (in)	16	(ft3)	0	MEL2.0 (Ohm-m)
0	MINMK	20	TBHV		
			(ft3)	10	





5150



0	GAMMA RAY (GAPI)	150	ABHV	0	MEL1.5 (Ohm-m)
6	CALIPER (in)	16	10 (ft3)	0	MEL2.0 (Ohm-m)
0	MINMK	20	TBHV		
			0 (ft3)	10	

Calibration Report

Database File: 005639pdn.db
 Dataset Pathname: pass5.2
 Dataset Creation: Tue Aug 10 18:14:52 2010

MICRO Calibration Report

Serial Number: MICRO4
 Tool Model: PROBE
 Performed: Tue Aug 10 16:36:23 2010

Caliper Calibration: Gain=1.808 Offset=-2.854

References	Low Cal	High Cal
Readings	7.000	12.000
	5.449	8.214

1.5" Calibration: Gain=42.000 Offset=-0.600

References	Low Cal	High Cal
Readings	0.000	20.000
	0.009	1.541

2" Calibration: Gain=38.000 Offset=0.600

References	Low Cal	High Cal
Readings	0.000	20.000
	0.004	1.198

Gamma Ray Calibration Report

Serial Number: GR5
 Tool Model: OPEN
 Performed: Tue Aug 10 16:17:10 2010

Calibrator Value: 1.0 GAPI

Background Reading: 0.0 cps

Sensitivity:

0.6400

GAPI/cps



SUPERIOR
Hays,
Kansas

DENSITY / NEUTRON
PE LOG

Company LOTUS OPERATING CO., LLC.
Well C.R. WETZ #5
Field STRANATHAN
County BARBER
State KANSAS

Company LOTUS OPERATING COMPANY, LLC.

Well C.R. WETZ #5

Field STRANATHAN

County BARBER State KANSAS

Location: API #: 15-007-23581

50' FSL & 1880' FEL

SEC 36 TWP 34S RGE 12W

Other Services
DIL
SONIC/MEL

Permanent Datum GROUND LEVEL Elevation 1411
Log Measured From KELLY BUSHING 9' A.G.L.
Drilling Measured From KELLY BUSHING

Elevation
K.B. 1420
D.F.
G.L. 1411

Rate	8-10-10	
Run Number	ONE	
Depth Driller	5160	
Depth Logger	5159	
Bottom Logged Interval	5135	
Top Log Interval	3700	
casing Driller	268	
casing Logger	268	
Bit Size	7.875	
Type Fluid in Hole	CHEMICAL MUD	
Density / Viscosity	9.5 / 47	
API Fluid Loss	10.0 / 12.4	
Source of Sample	FLOWLINE	
Temperature @ Meas. Temp	.60 @ 93F	
Temperature @ Meas. Temp	0.45 @ 93F	
Temperature @ Meas. Temp	0.72 @ 93F	
Source of Rmf / Rmc	MEASURED	
Temperature @ BHT	.440 @ 126F	
Time Circulation Stopped	3 HOURS	
Time Logger on Bottom	1:00 P.M.	
Maximum Recorded Temperature	126F	
Equipment Number	860	
Location	HAYS, KS.	
Recorded By	RUPP	
Witnessed By	TIM HELLMAN	

<<< Fold Here >>>

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Comments

SUPERIOR WELL SERVICES

785-628-6395

THANK YOU FOR YOUR BUSINESS

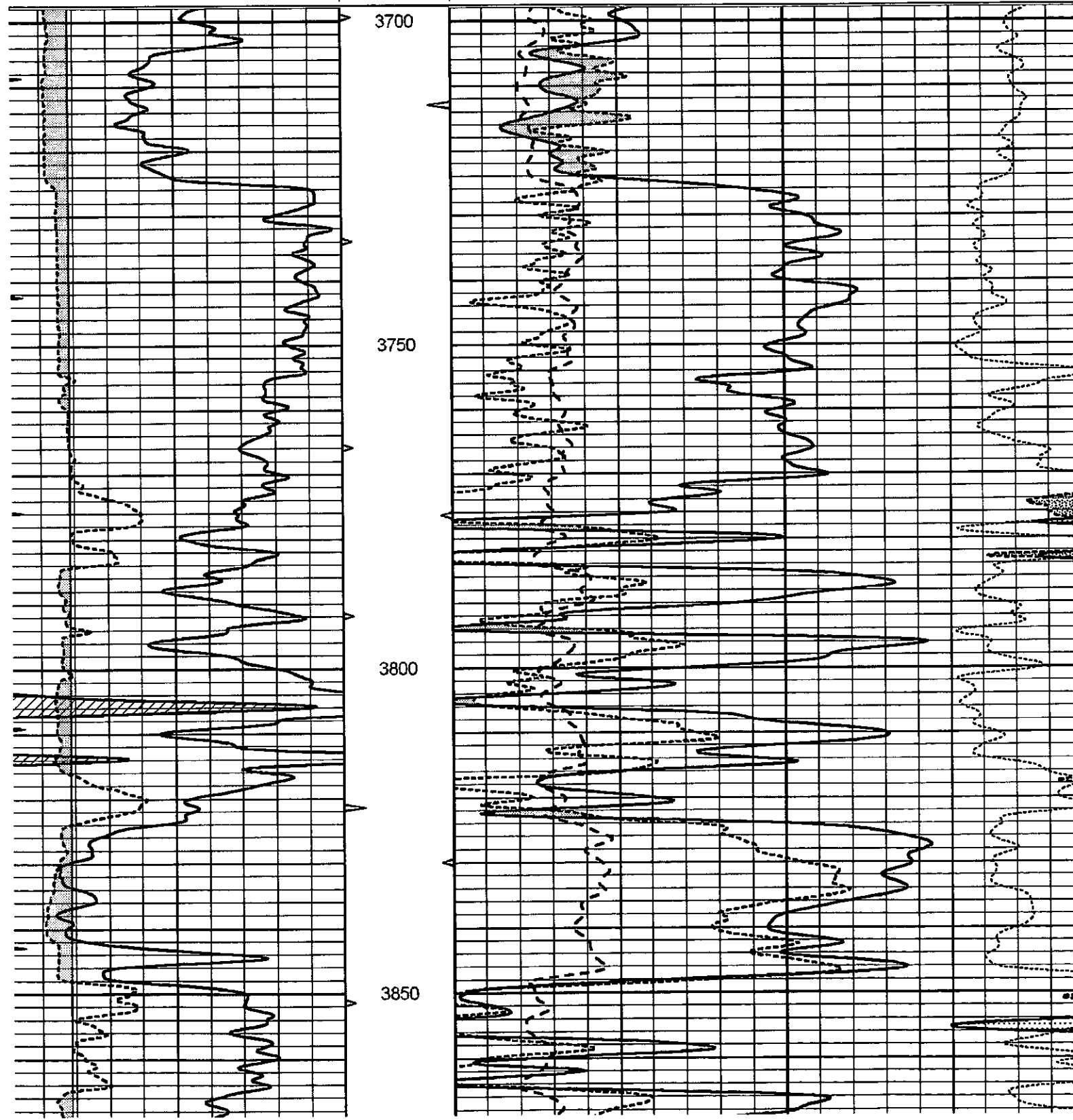
DIRECTIONS: MEDICINE LODGE, S TO MM#7, 1/2W, N INTO.

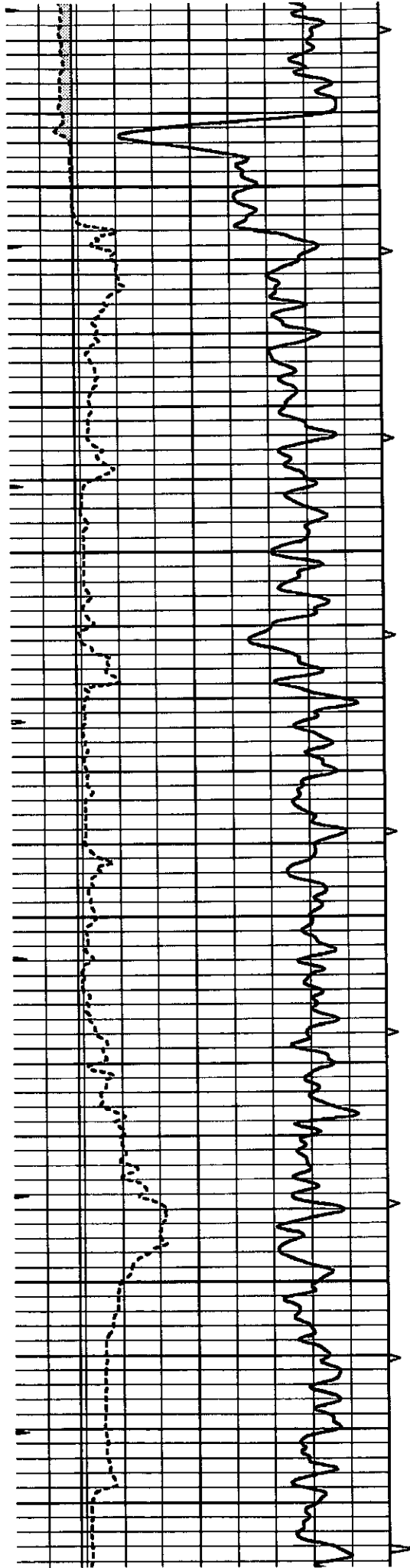


MAIN SECTION

Database File: 005639pdn.db
 Dataset Pathname: pass3.2A
 Presentation Format: ldt_neu
 Dataset Creation: Tue Aug 10 16:08:07 2010 by Calc Open-Cased 090629
 Charted by: Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	ABHV	30	COMPENSATED DENSITY (pu)			
6	CALIPER (in)	16	10 (ft3)	0	30	COMPENSATED NEUTRON (pu)		
0	MINMK	20	TBHV	0	PE	10	-0.25	CORRECTION (g/cc)
			0 (ft3)	10				



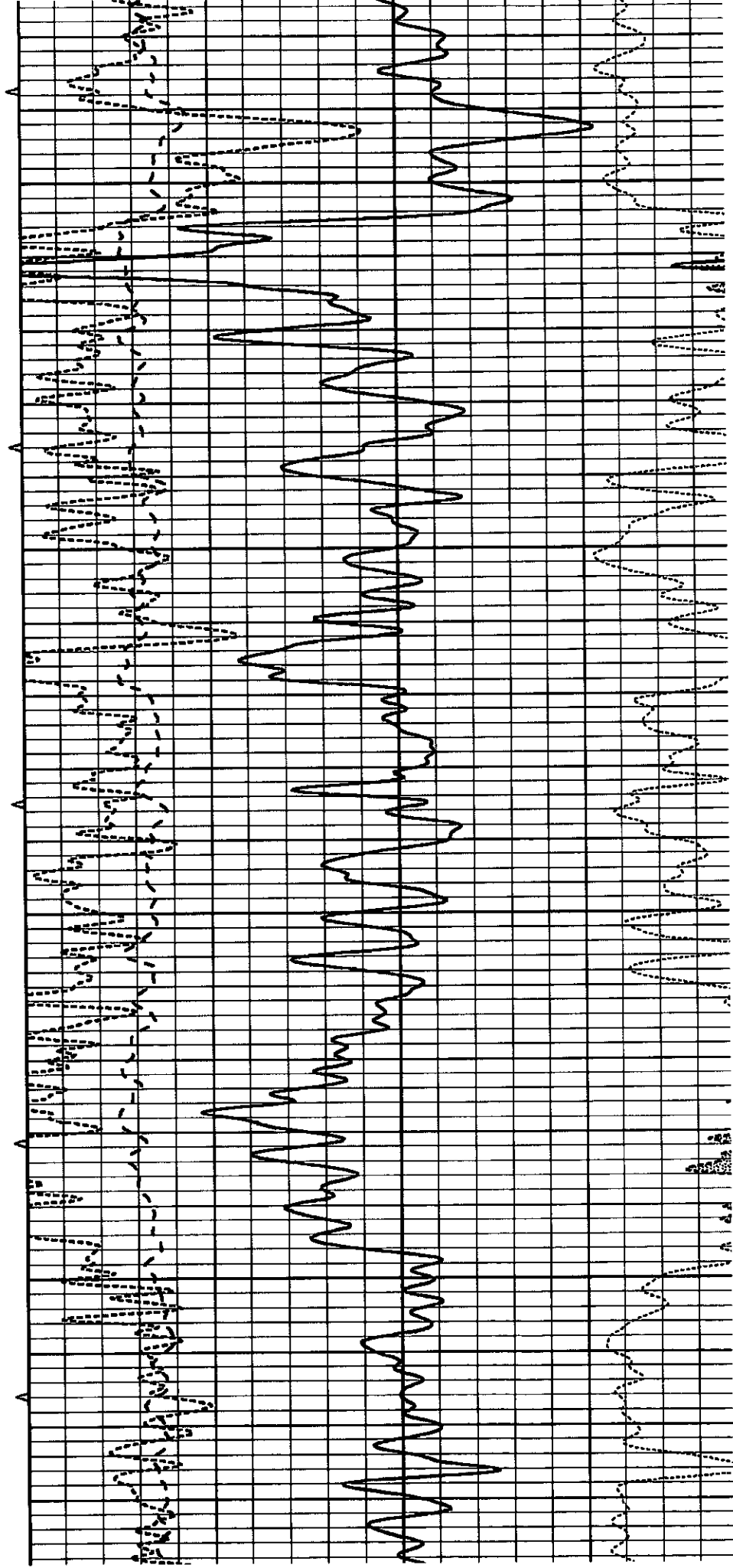


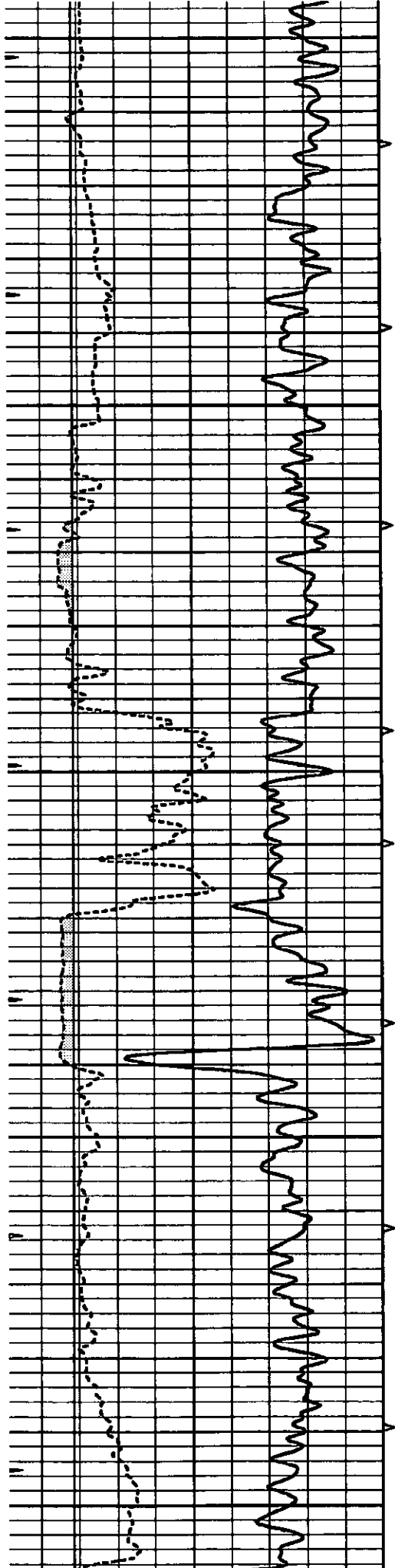
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3950

4000

4050





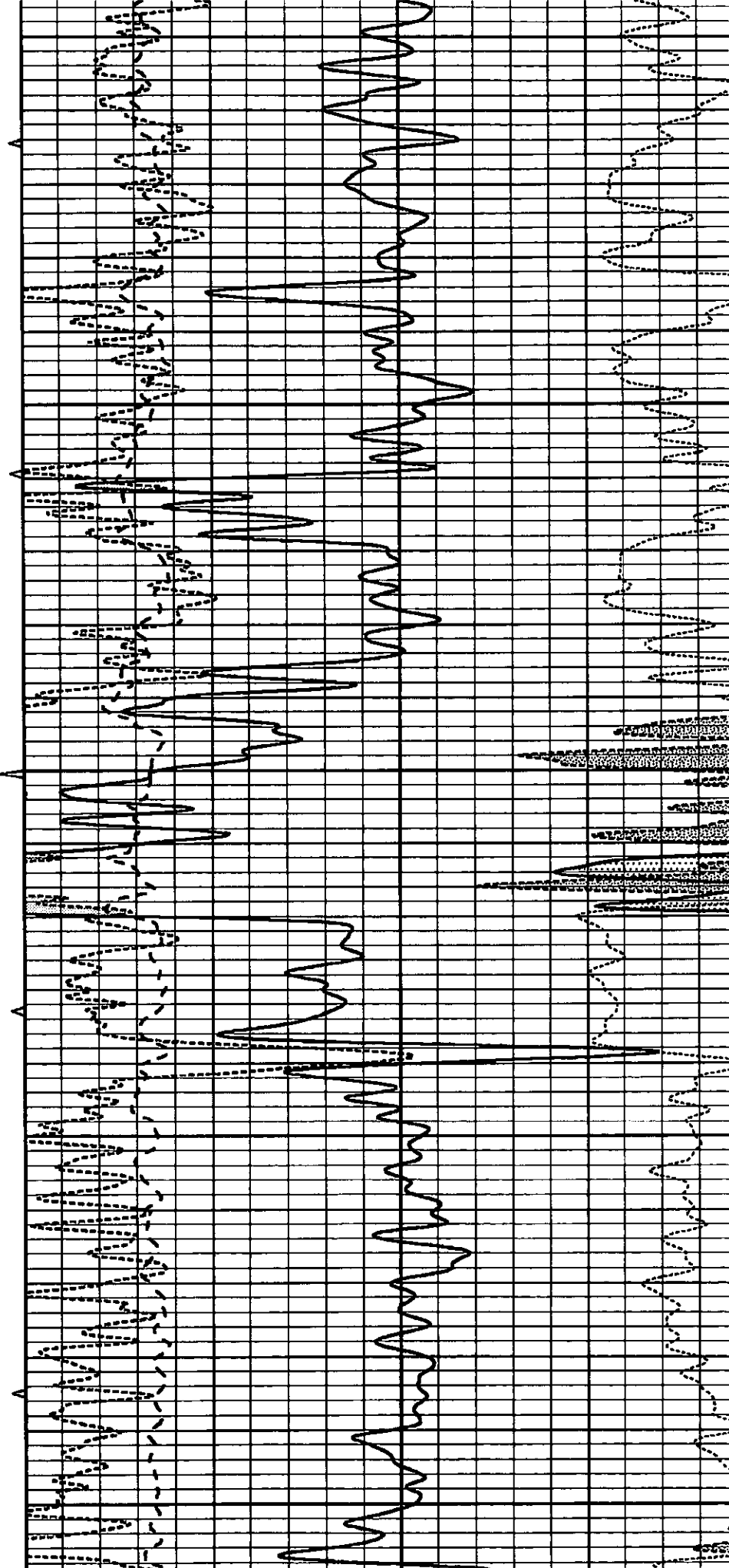
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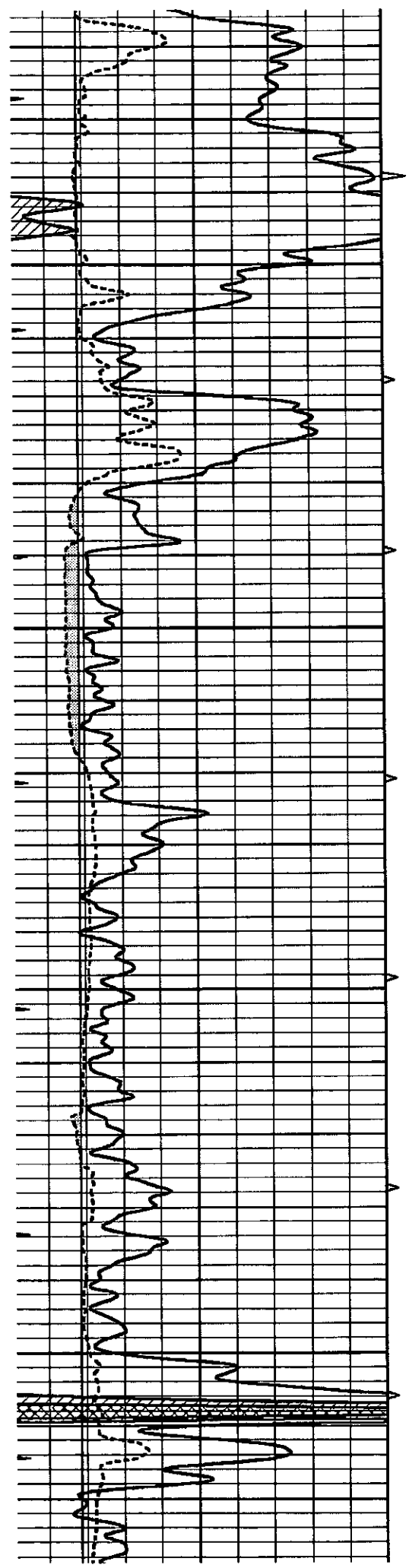
4150

4200

4250

4300



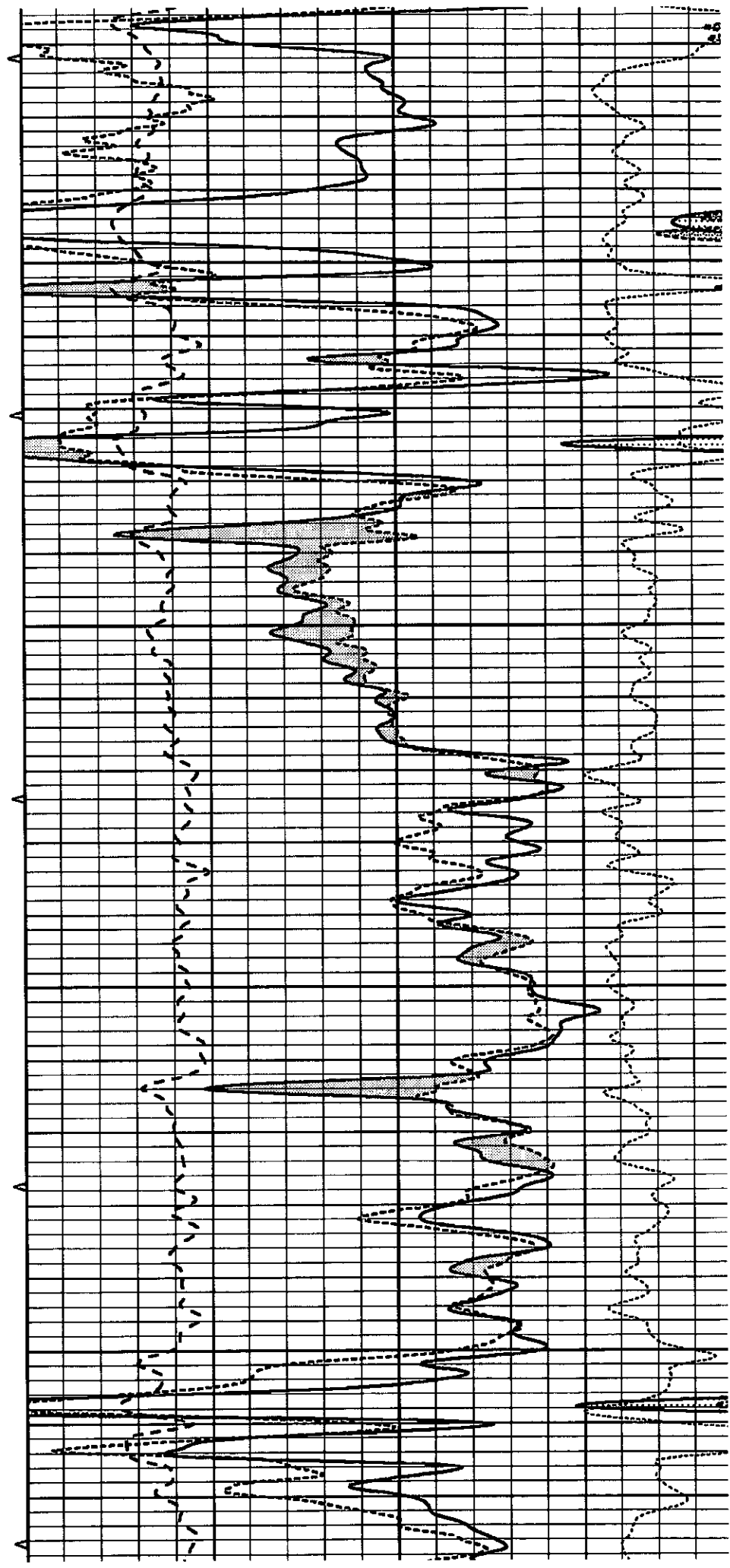


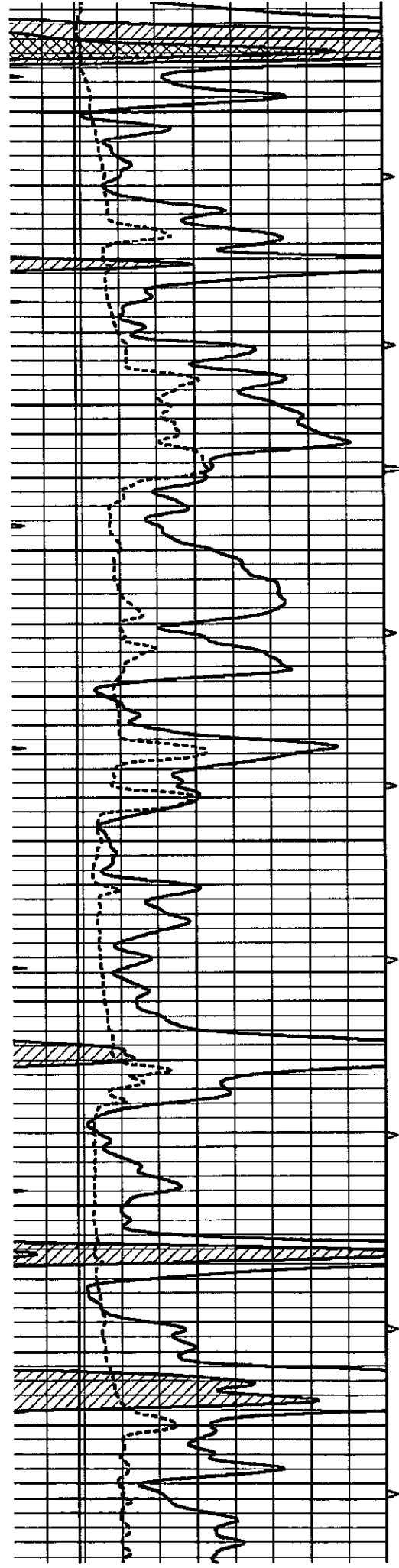
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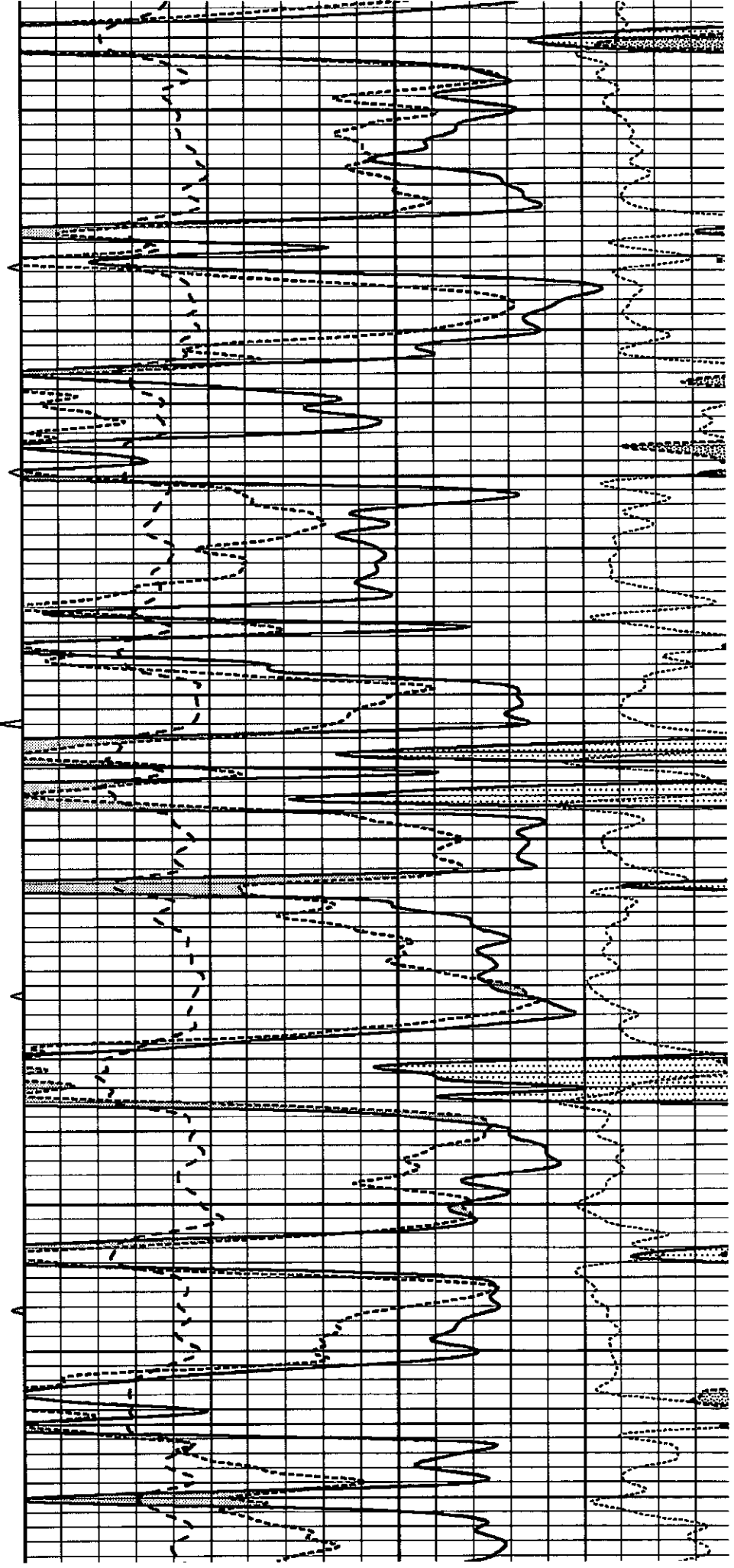


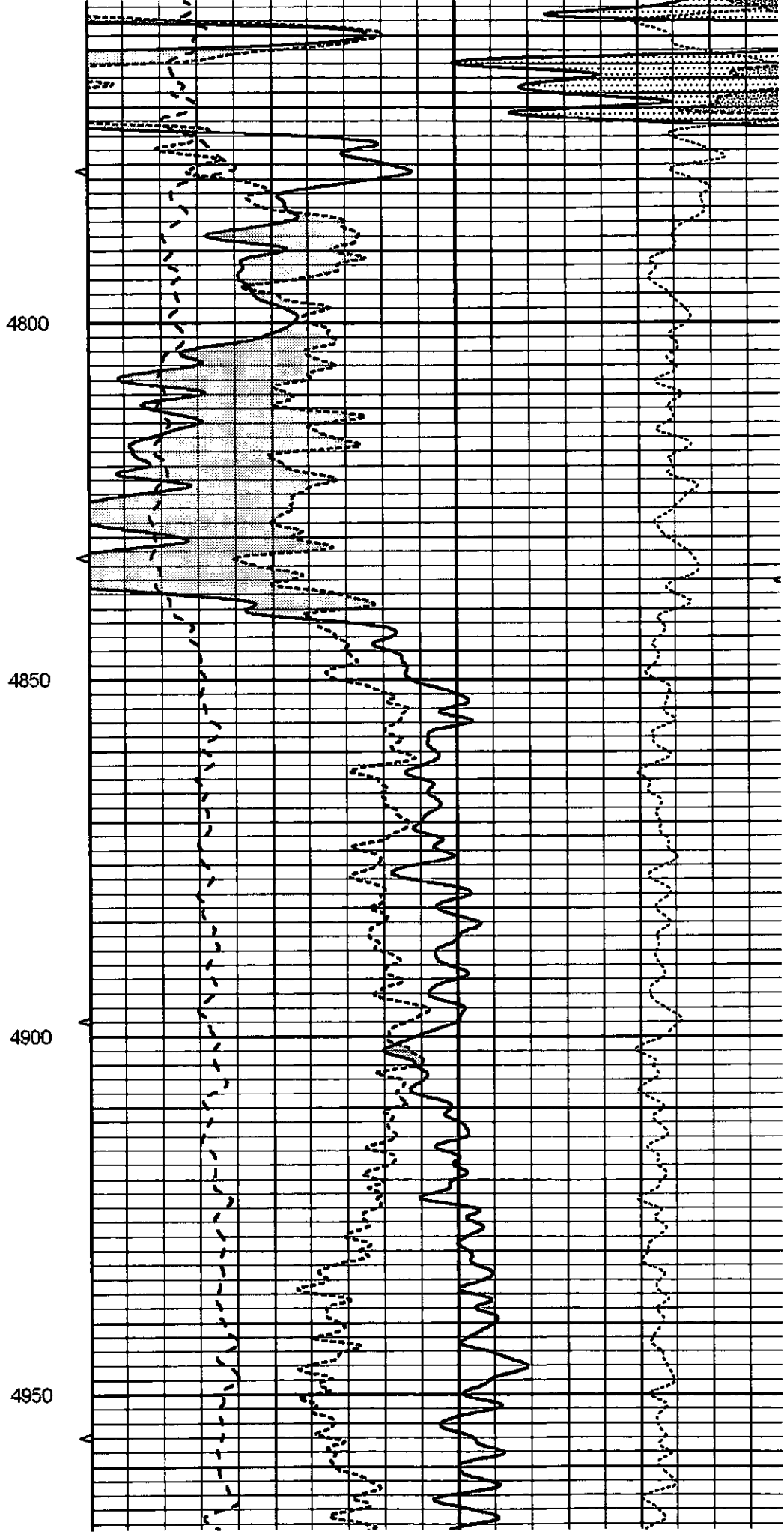
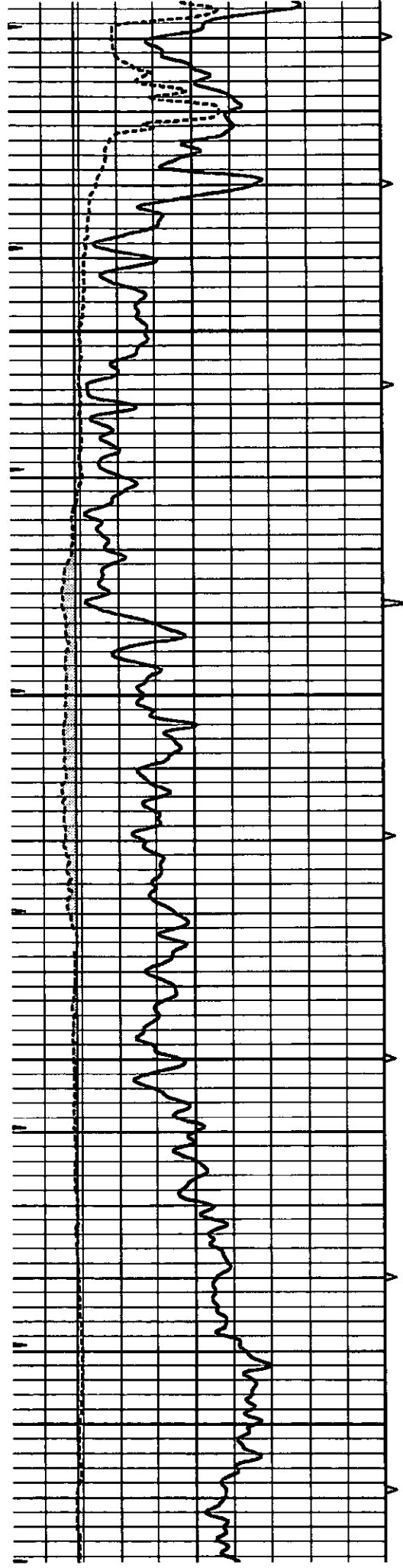
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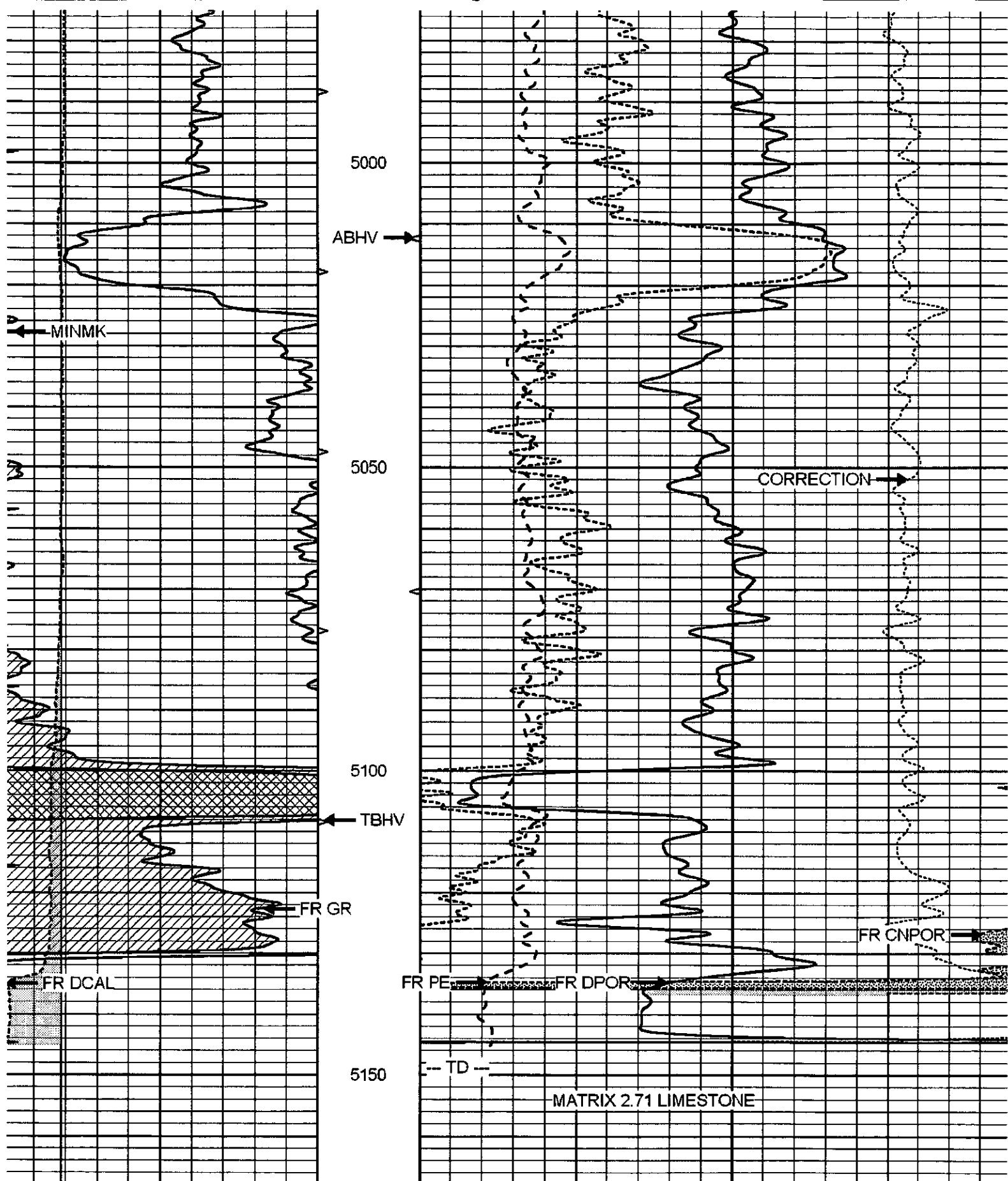
4600

4650

4700







0	GAMMA RAY (GAPI)	150	ABHV	30	COMPENSATED DENSITY (pu)
6	CALIPER (in)	16	10 (ft3)	0 30	COMPENSATED NEUTRON (pu)
0	MINMK	20	TBHV	0	PE 10 -0.25
			0 (ft3) 10		CORRECTION (g/cc)

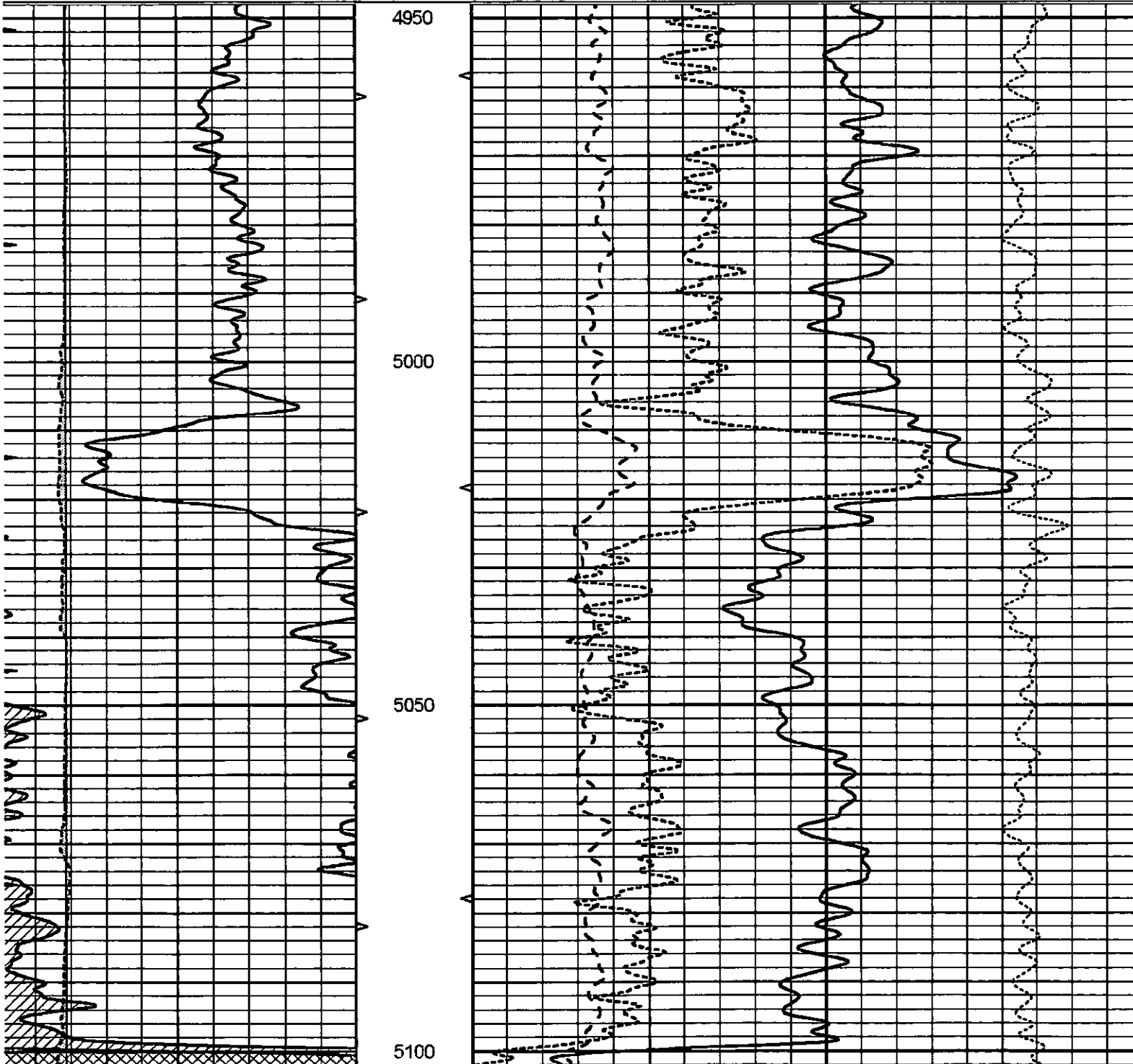


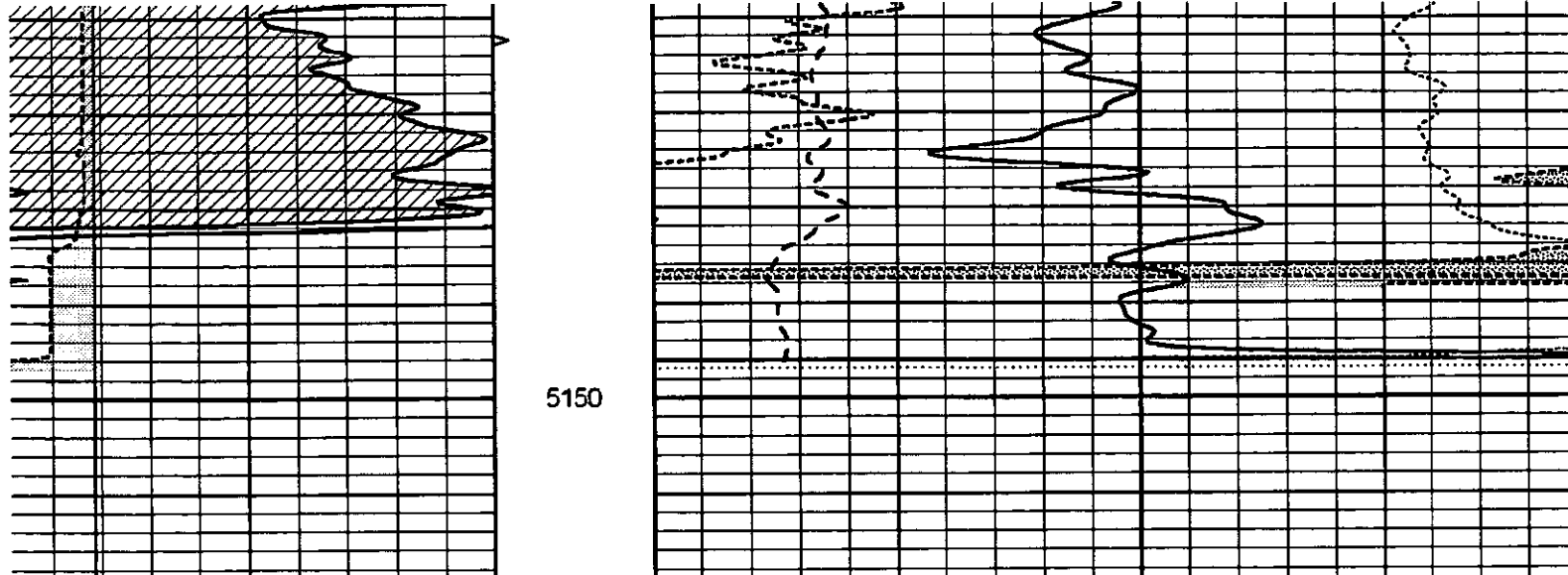
SUPERIOR
Hays,
Kansas

REPEAT SECTION

Database File: 005639pdn.db
 Dataset Pathname: pass2.2A
 Presentation Format: ldt_neu
 Dataset Creation: Tue Aug 10 16:15:08 2010 by Calc Open-Cased 090629
 Charted by: Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	ABHV	30	COMPENSATED DENSITY (pu)			
6	CALIPER (in)	16	10 (ft3)	0	30	COMPENSATED NEUTRON (pu)		
0	MINMK	20	TBHV	0	PE	10	-0.25	CORRECTION (g/cc)
			0 (ft3)	10				





5150

0	GAMMA RAY (GAPI)	150	ABHV	30	COMPENSATED DENSITY (pu)		
6	CALIPER (in)	16	10 (ft3)	0 30	COMPENSATED NEUTRON (pu)		
0	MINMK	20	TBHV	0	PE	10	-0.25 CORRECTION (g/cc)
			0 (ft3)	10			

Calibration Report

Database File: 005639pdr.db
 Dataset Pathname: pass3.2A
 Dataset Creation: Tue Aug 10 16:08:07 2010 by Calc Open-Cased 090629

Dual Induction Calibration Report

Serial-Model: DIL5-GEAR
 Performed: Tue Aug 10 15:21:03 2010

Loop:	Readings				References		Results	
	Air	Loop			Air	Loop	m	b
Deep	0.004	0.654	V	0.000	400.000	mmho/m	510.000	-7.000
Medium	-0.005	0.737	V	0.000	462.500	mmho/m	500.000	-10.000
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.006	0.655	V	0.000	400.000	mmho/m	615.668	-3.483
Medium	0.010	0.747	V	0.000	462.500	mmho/m	627.607	-6.064

Litho Density Calibration Report
 Serial: 002 Model: PRB
 Performed Tue Jul 03 11:12:28 2007

Litho Density Calibration

	Background	Magnesium	Aluminum	Sandstone	
Window 1	1059.5	9172.0	2859.6	10210.6	cps
Window 2	976.0	7793.2	2486.1	8515.6	cps
Window 3	689.8	2930.5	1159.0	3096.2	cps
Window 4	231.9	237.2	231.1	234.0	cps
Long Space	0.0	6817.1	1510.1	7539.6	cps
Short Space	1.6	1758.1	1188.6	1898.8	cps
Rho		1.7100	2.5960	1.3800	g/cc
Pe			2.5700	1.5500	

Rib Angle: 45.4 Rib Slope: 1.015 Density/Spine Ratio: 0.569

Caliper	Readings	Reference	
Low Ref	2.8	8.8	
High Ref	4.8	14.0	
	Gain: 2.6		Offset: 1.7

Compensated Neutron Calibration Report

Serial Number:	NEU_1I
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:	GR5
Tool Model:	OPEN
Performed:	Tue Aug 10 13:45:11 2010
Calibrator Value:	1.0 GAPI
Background Reading:	0.0 cps
Calibrator Reading:	1.0 cps
Sensitivity:	0.6400 GAPI/cps



SUPERIOR
Hays,
Kansas

SONIC
LOG

Company
Well
Field
County
State

Company LOTUS OPERATING COMPANY, LLC.

Well C.R. WETZ #5

Field STRANATHAN

County BARBER State KANSAS

Location: API #: 15-007-23581

50' FSL & 1880' FEL

SEC 36 TWP 34S RGE 12W

Other Services
CDL/CNL/PE
MICRO/DIL

Permanent Datum GROUND LEVEL Elevation 1411

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

Drilling Measured From KELLY BUSHING

Elevation
K.B. 1420
D.F.
G.L. 1411

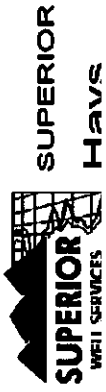
ate	8-10-10		
in Number	TWO		
epth Driller	5160		
epth Logger	5159		
ottom Logged Interval	5151		
op Log Interval	3700		
asing Driller	268		
asing Logger	268		
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quipment Number	860		
ocation	HAYS, KS.		
ecorded By	RUPP		
itnessed By	TIM HELLMAN		

<<< Fold Here >>>

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Comments

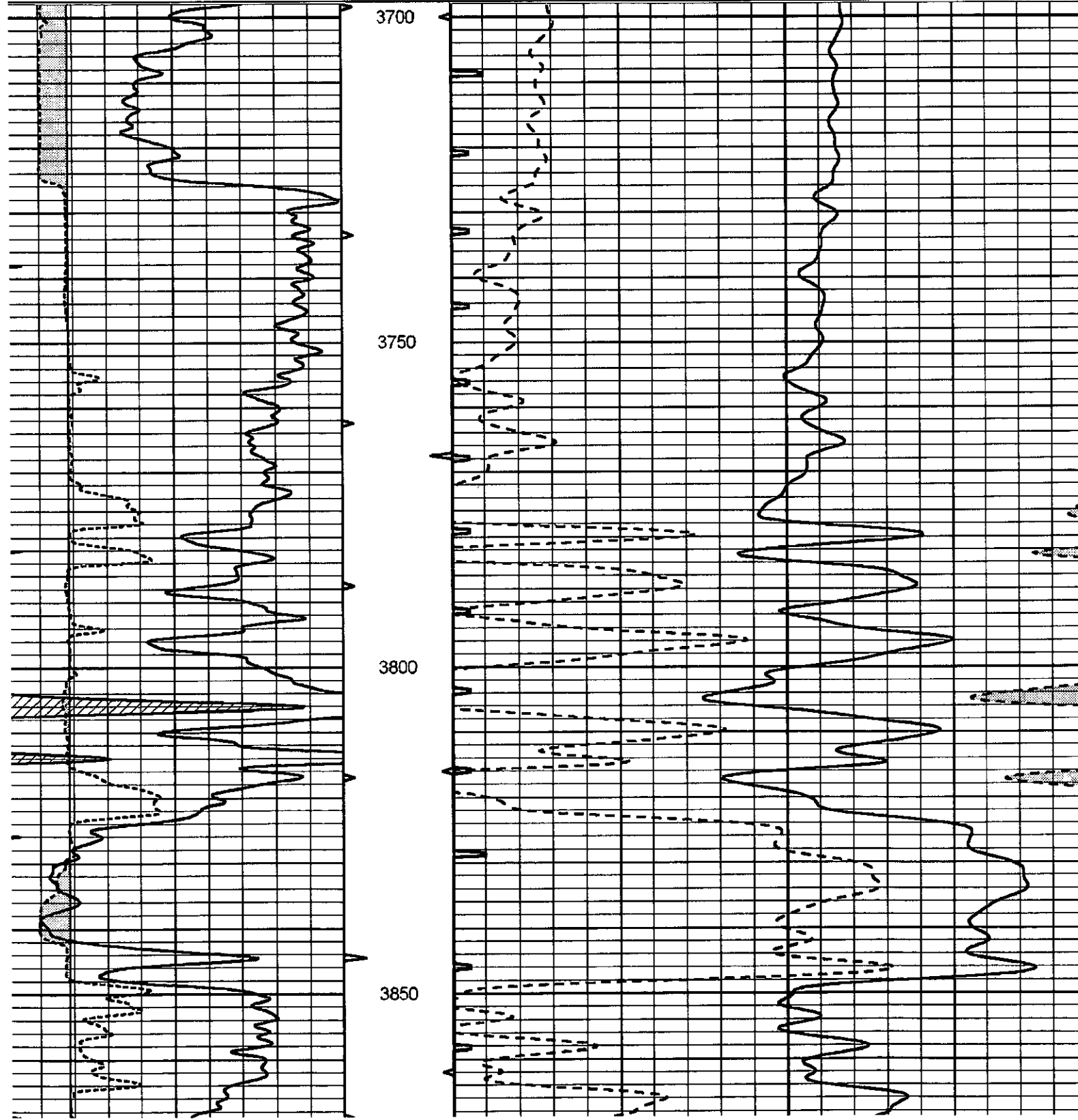
SUPERIOR WELL SERVICES
785-628-6395
THANK YOU FOR YOUR BUSINESS
DIRECTIONS: MEDICINE LODGE, S TO MM#7, 1/2W, N INTO.

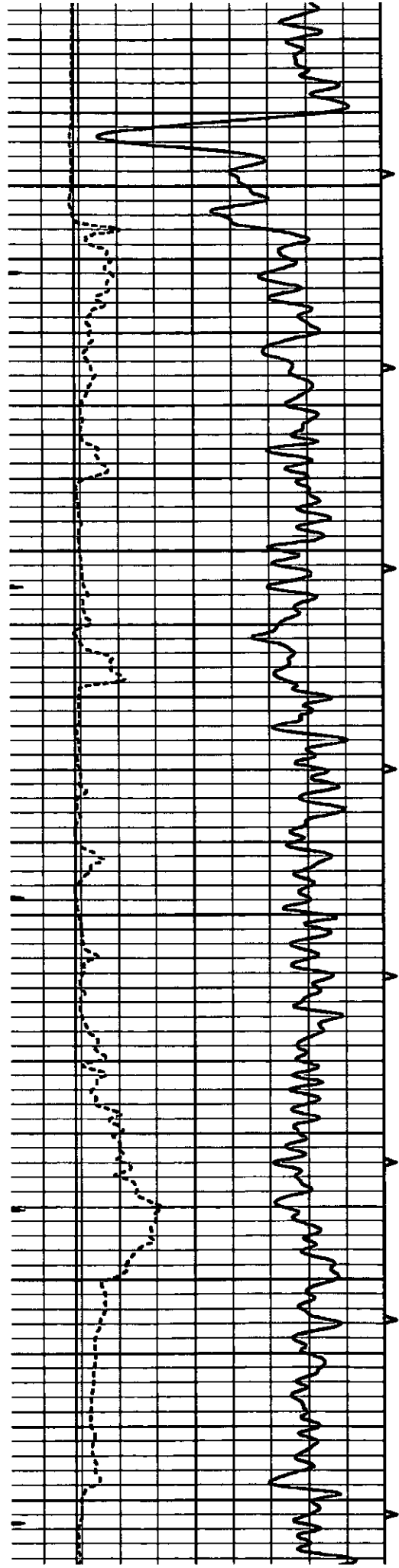


MAIN SECTION

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 Presentation Format: slt
 Dataset Creation: Tue Aug 10 18:14:52 2010
 Charted by: Depth in Feet scaled 1:240

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



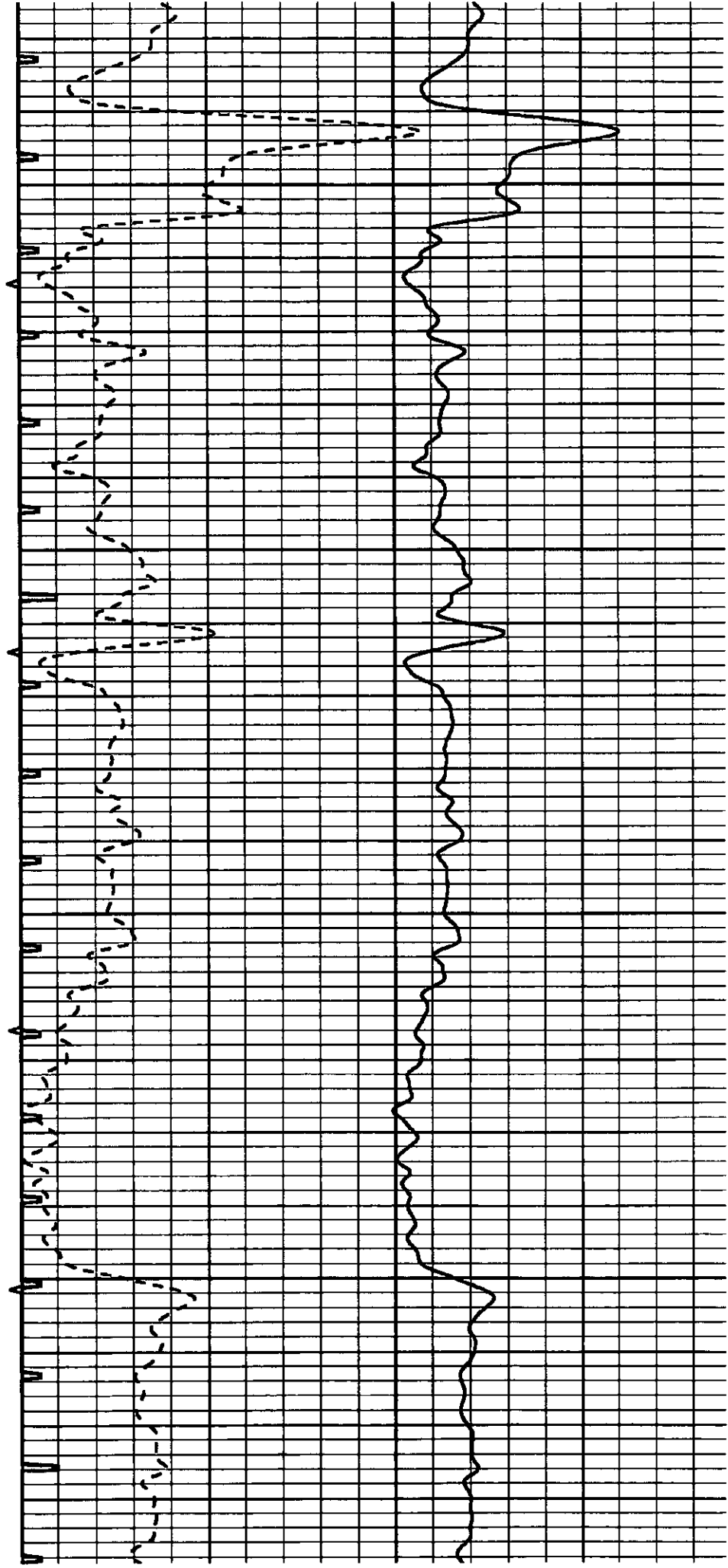


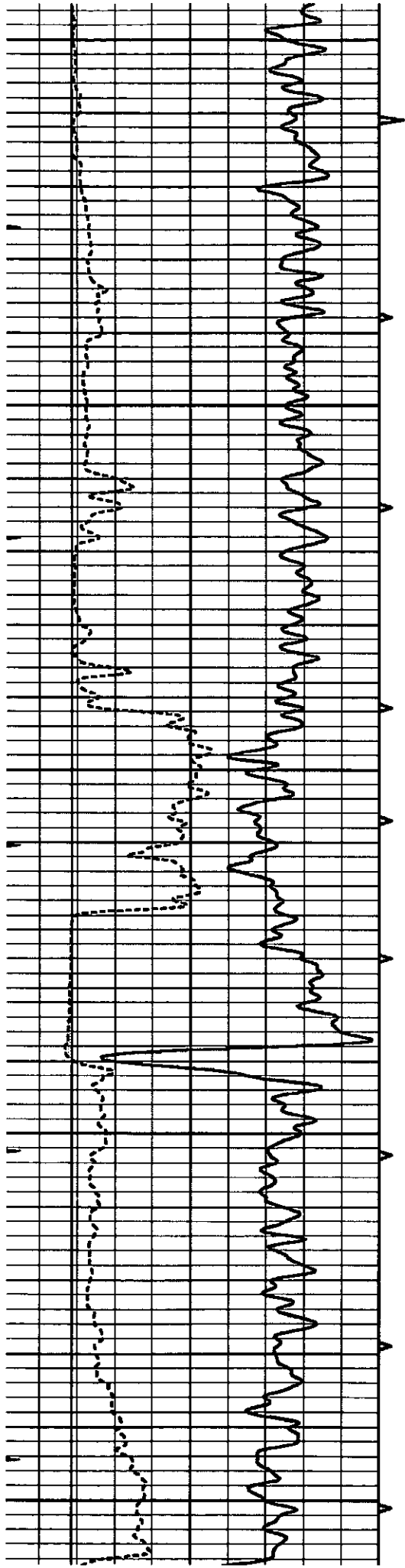
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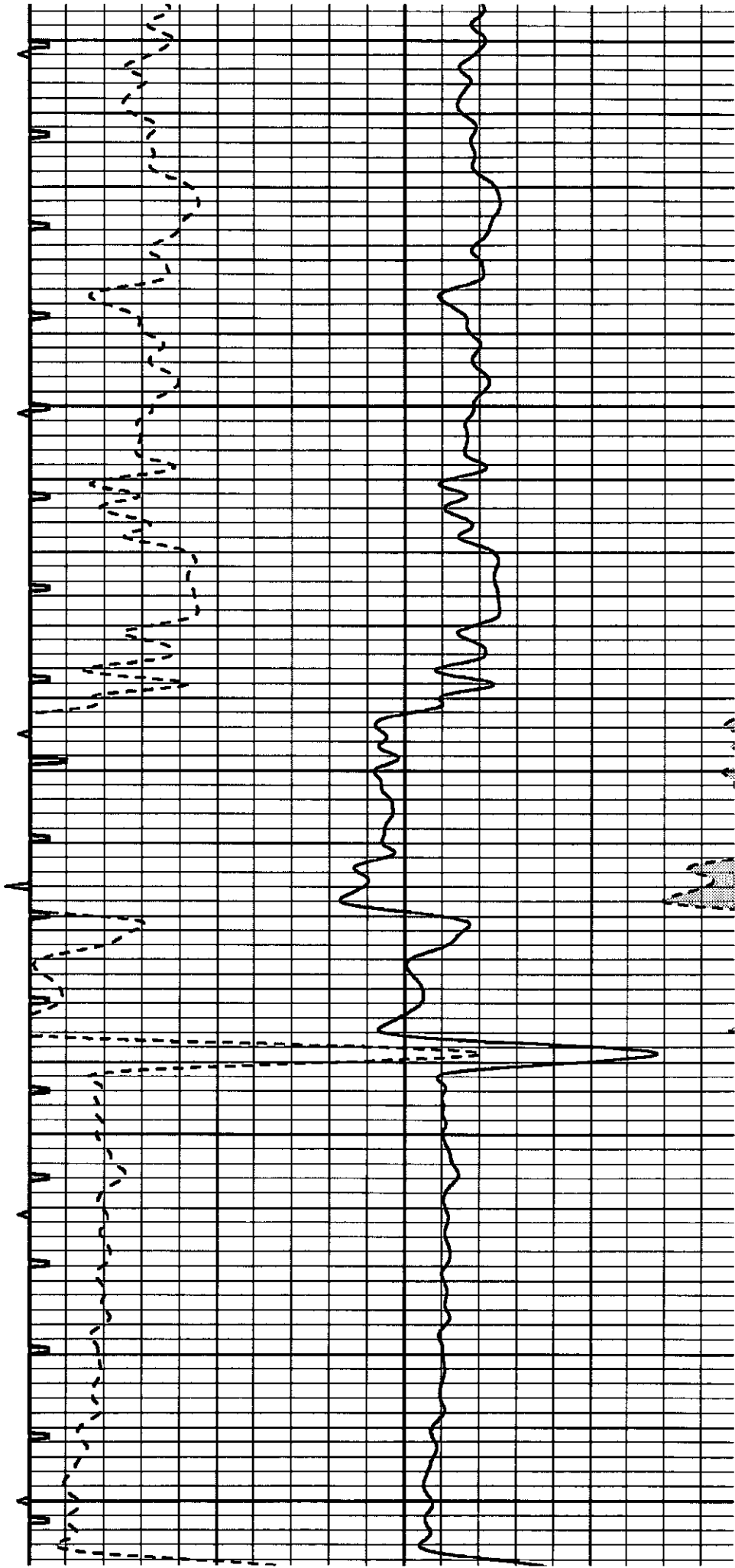
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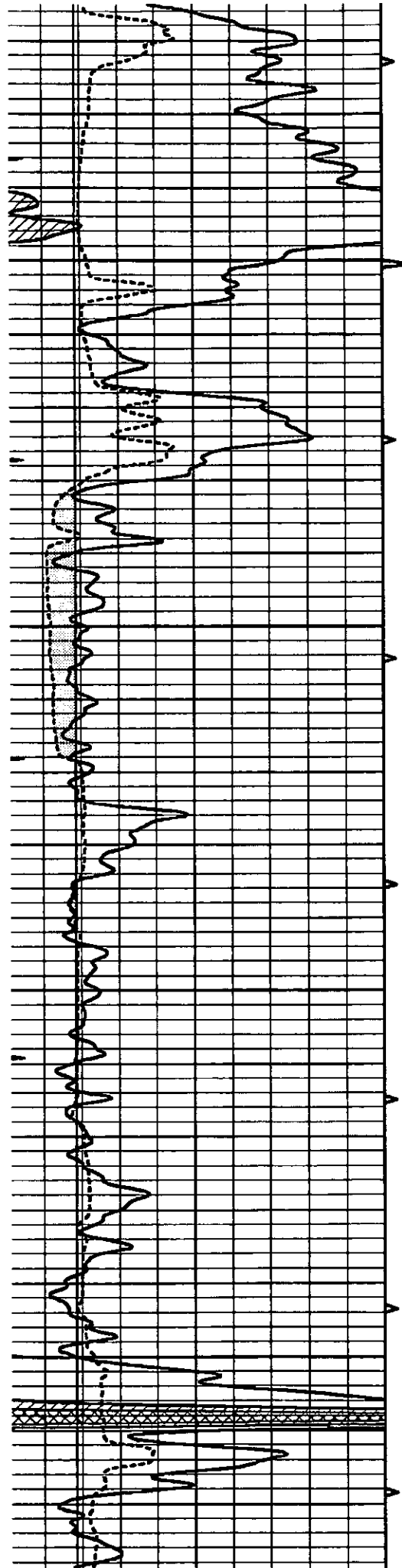
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4100
4150
4200
4250
4300



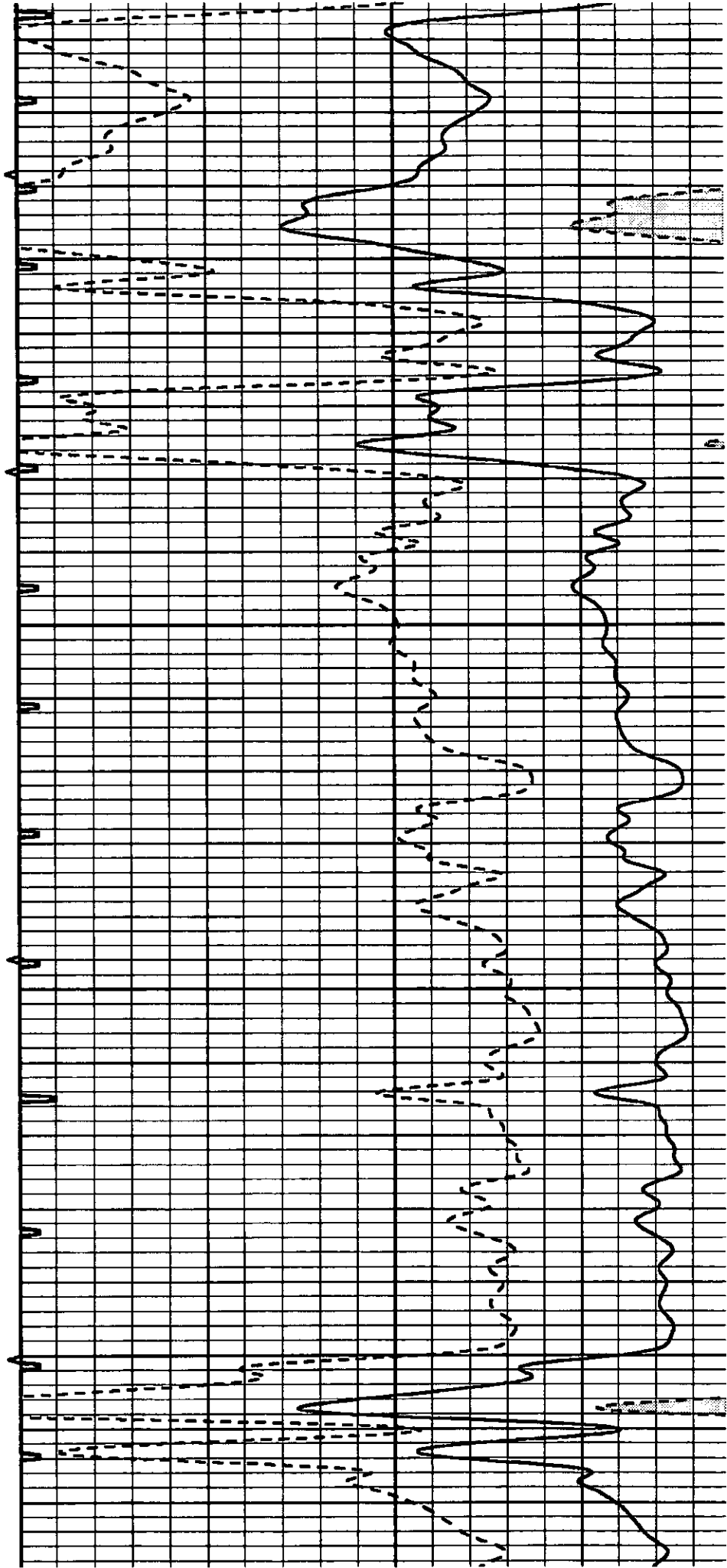


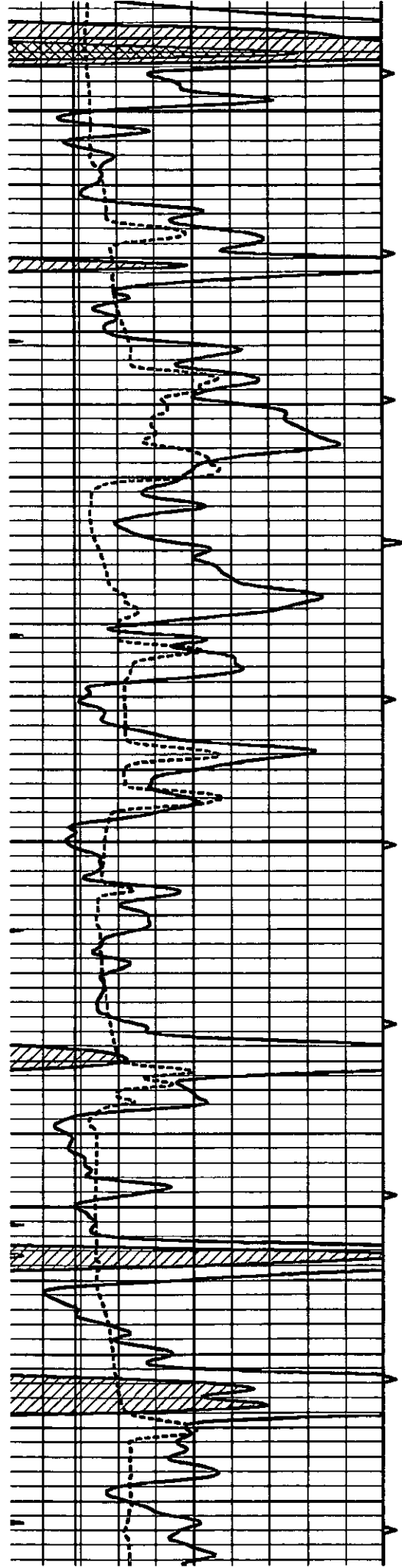
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4400

4450

4500



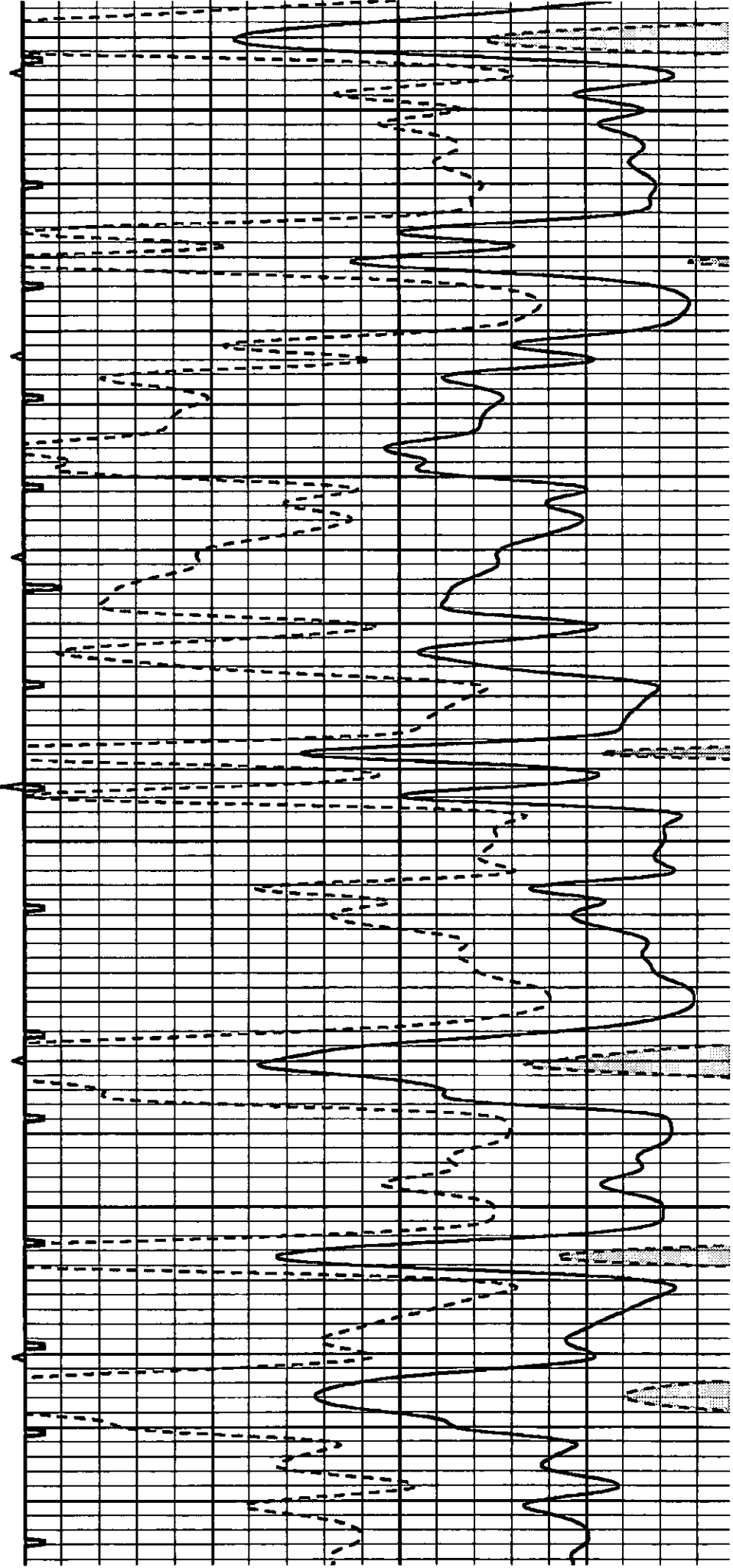


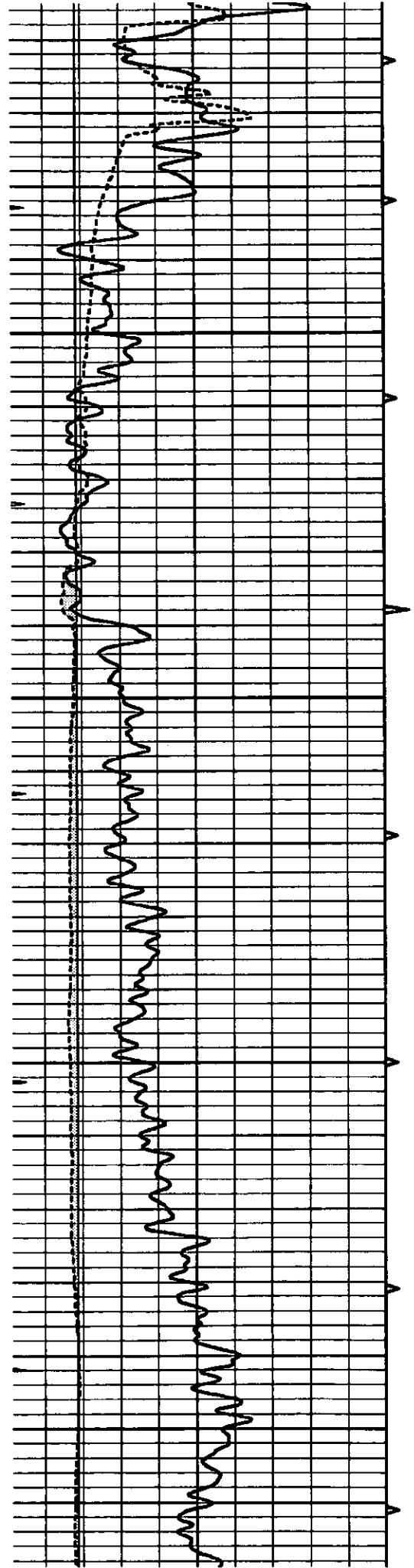
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4600

4650

4700



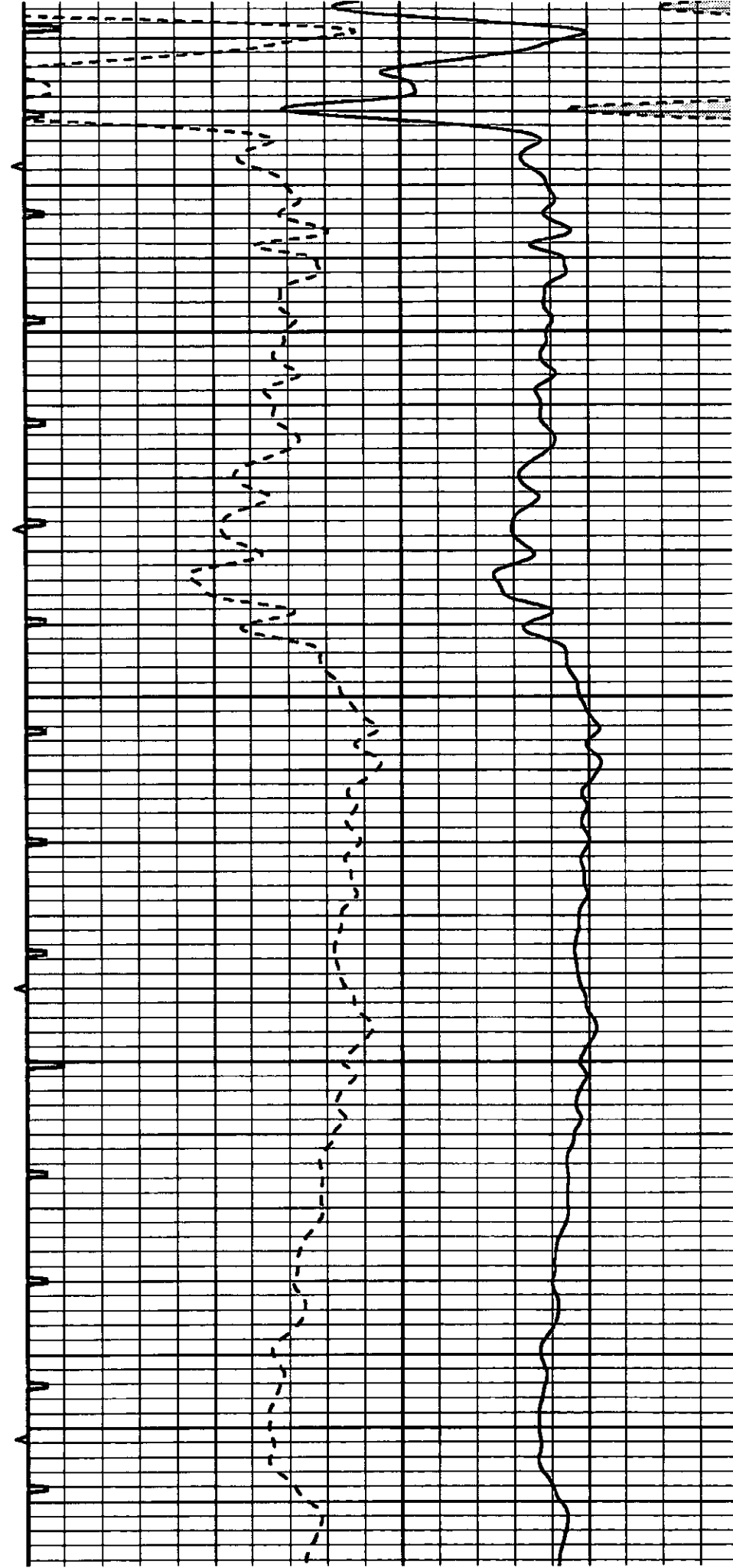


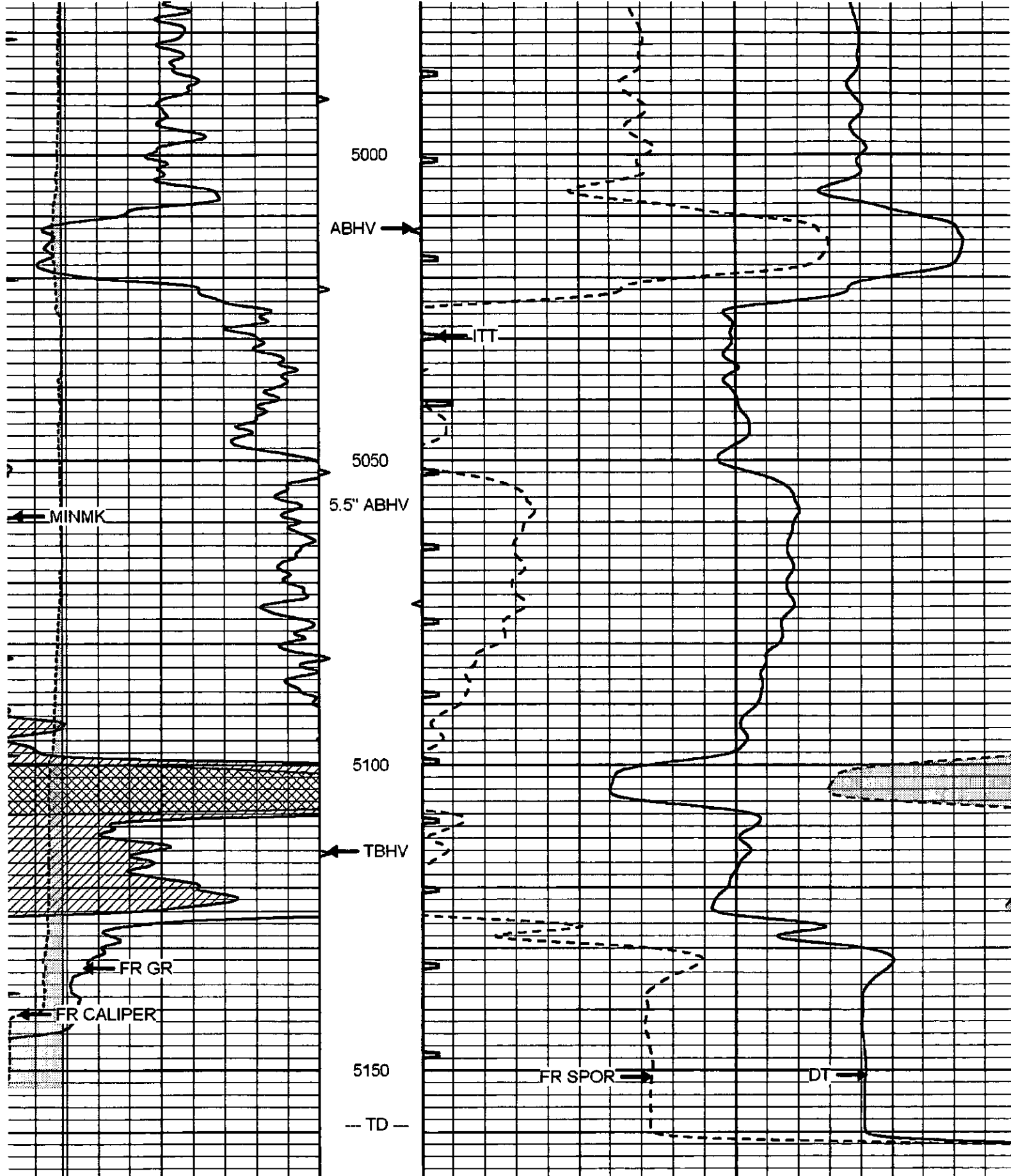
4800

4850

4900

4950





0	GAMMA RAY (GAPI)	150	ABHV	140	DELTA TIME (usec/ft)
6	CALIPER (in)	16	10 (ft ³)	0	30
0	MINMK	20	TBHV	0	ITT (msec)
			0 (ft ³)	10	20

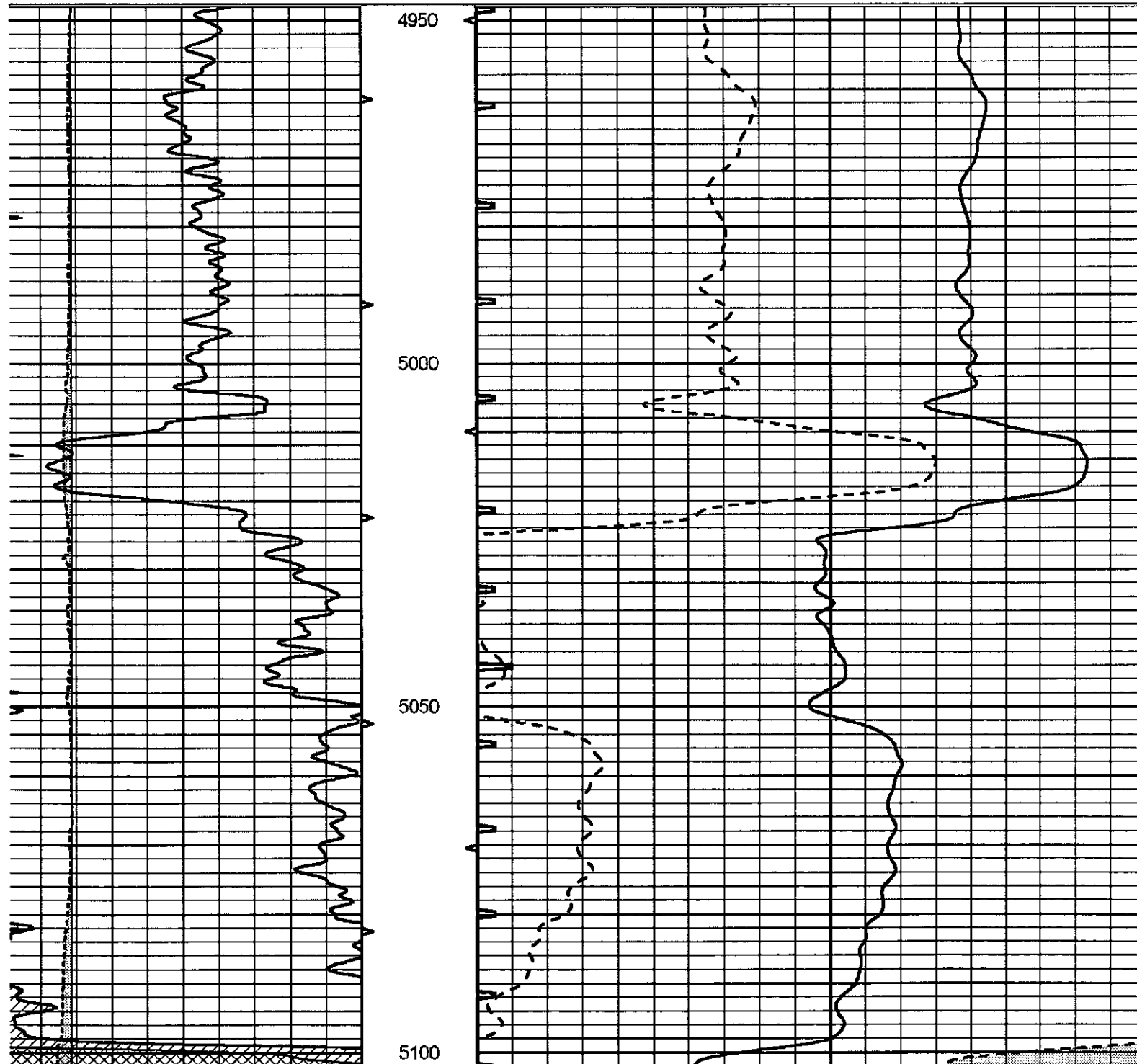


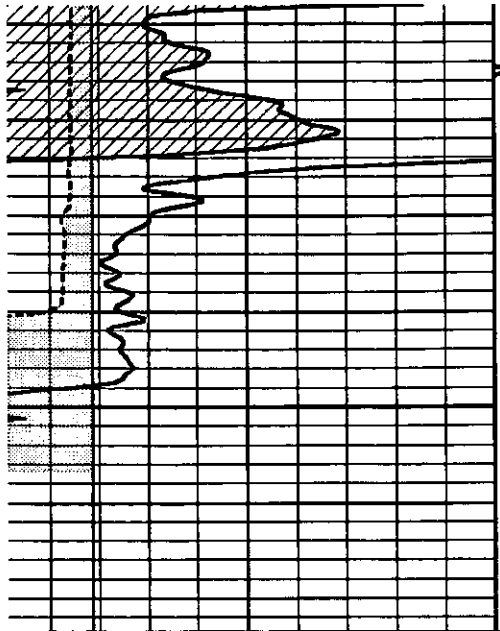
SUPERIOR
Hays,
Kansas

REPEAT SECTION

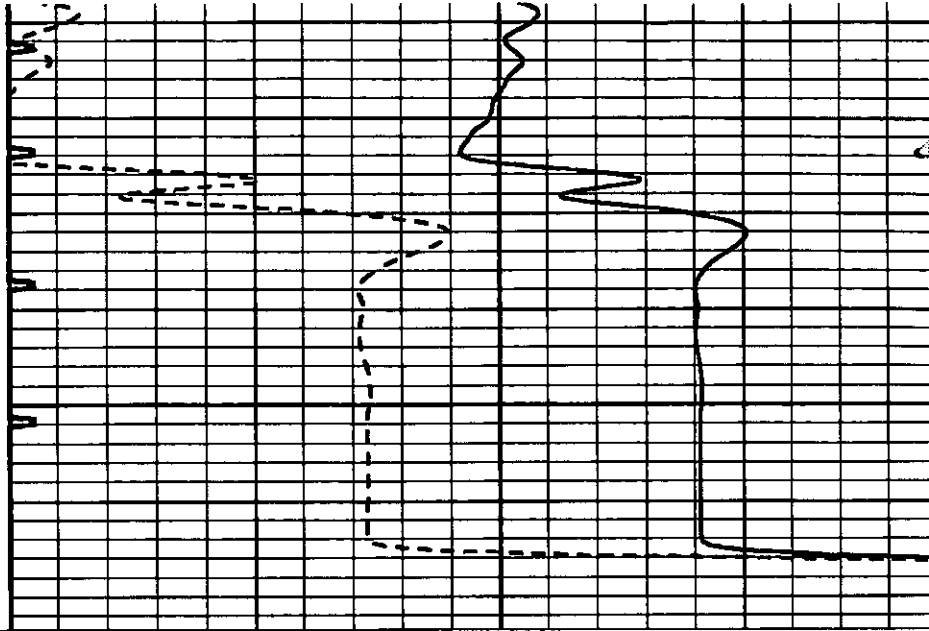
Database File: 005639pdr.db
 Dataset Pathname: pass4.A
 Presentation Format: slt
 Dataset Creation: Tue Aug 10 16:35:46 2010 by Calc Open-Cased 090629
 Charted by: Depth in Feet scaled 1:240

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





5150



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



PO BOX 31 Russell, KS 67665

RECEIVED

AUG 16 2010

INVOICE

Invoice Number: 123935

Invoice Date: Aug 4, 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 #5	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Medicine Lodge	Aug 4, 2010	9/3/10

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
237.00	SER	Handling	2.40	568.80
18.00	SER	Mileage 237 sx @ .10 per sk per mi	23.70	426.60
1.00	SER	Surface	1,018.00	1,018.00
18.00	SER	Pump Truck Mileage	7.00	126.00

ENTERED
AUG 16 2010

GL# 9208
DESC. Cement 10³/₄"
w/225 sx, #5
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

\$ 1098.79

ONLY IF PAID ON OR BEFORE
Aug 28, 2010

Subtotal	5,493.95
Sales Tax	244.88
Total Invoice Amount	5,738.83
Payment/Credit Applied	
TOTAL	5,738.83

- 1098.79
54640.04

CASING SIZE 1074
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX 200 MINIMUM _____
 MEAS. LINE _____ SHOE JOINT N/A
 CEMENT LEFT IN CSG. 20'
 PERFS. _____
 DISPLACEMENT 24 1/2 Bbls Fresh H₂O
 EQUIPMENT _____

27 gel
 COMMON A 135 SK @ 15 2085 75
 POZMIX 90 SK @ 8 720 75
 GEL 4 SK @ 20 83 75
 CHLORIDE 8 SK @ 58 465 75
 ASC _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 HANDLING 237 @ 2.40 568 75
 MILEAGE 237.10/18 @ _____ 426 75
 TOTAL 4349 75

PUMP TRUCK CEMENTER D. Felix
 #360+265 HELPER M. Thimesch
 BULK TRUCK
 #364 DRIVER J. Thimesch
 BULK TRUCK
 # _____ DRIVER _____

REMARKS:

Pipe on Btm Break Casing Pump Spacer Mix
 225x60:40 cement Blend Start Disp.
 w/ Fresh H₂O Wash up truck & lines See
 Steady increase in PSI Slow Rate Stop
 Pump at 24 1/2 Bbls total Disp. Shut
 in Cement did Circ.

SERVICE

DEPTH OF JOB 268
 PUMP TRUCK CHARGE 1018 75
 EXTRA FOOTAGE @ _____
 MILEAGE 18 @ 7 126 75
 MANIFOLD N/A @ _____
 _____ @ _____
 _____ @ _____
 TOTAL 1144 75

CHARGE TO: Lotus Oper.
 STREET _____
 CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

None @ _____
 @ _____
 @ _____
 @ _____
 @ _____
 TOTAL _____

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.

SALES TAX (If Any) _____
 TOTAL CHARGES [scribble]
 DISCOUNT _____ IF PAID IN 30 DA
[scribble]

PRINTED NAME Terry J. Cummins
 SIGNATURE Terry J. Cummins



PO BOX 31 Russell, KS 67665

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

RECEIVED

AUG 19 2010

INVOICE

Invoice Number: 124018

Invoice Date: Aug 11, 2010

Page: 1

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 #5	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-02	Medicine Lodge	Aug 11, 2010	9/10/10

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	Handling 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 Top Rubber Plug	74.00	74.00
1.00	EQP	5.5 Guide Shoe	100.80	100.80
1.00	EQP	5.5 Basket	161.00	161.00
5.00	EQP	5.5 Centralizer	32.20	161.00
1.00	EQP	5.5 AFU Insert	112.00	112.00

ENTERED
 AUG 23 2010
 GL# 9308
 DESC. Cement Prod csg
 w/ 50 sx 6040 pozmix +
 200 sx ASC class 'A' #5



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

November 17, 2010

Tim Hellman
Lotus Operating Company, L.L.C.
100 S Main, Suite 420
Wichita, KS 67202-3737

Re: ACO1
API 15-007-23581-00-00
CR Wetz 5
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