



WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

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 #: _____

Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

API No. 15 - _____

Spot Description: _____

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

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ 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: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

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: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____



1047007

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

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 type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input 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

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 <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR. _____ Producing Method:
 Flowing Pumping Gas Lift Other (Explain) _____

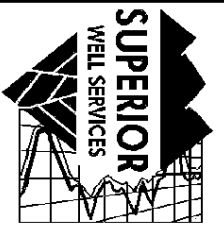
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input 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 (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
Permanent Datum GROUND LEVEL Elevation 1411
Log Measured From KELLY BUSHING 9' A.G.L.
Drilling Measured From KELLY BUSHING
Other Services
CDL/CNL/PE
SONIC/MEL
Elevation
K.B. 1420
D.F.
G.L. 1411

Date	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
pH / Fluid Loss	10.0 / 12.4
Source of Sample	FLOWLINE
Rm @ Meas. Temp	.60 @ 93F
Rmf @ Meas. Temp	0.45 @ 93F
Rmc @ Meas. Temp	0.72 @ 93F
Source of Rmf / Rmc	MEASURED
Rm @ 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 any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

Comments

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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Kansas**

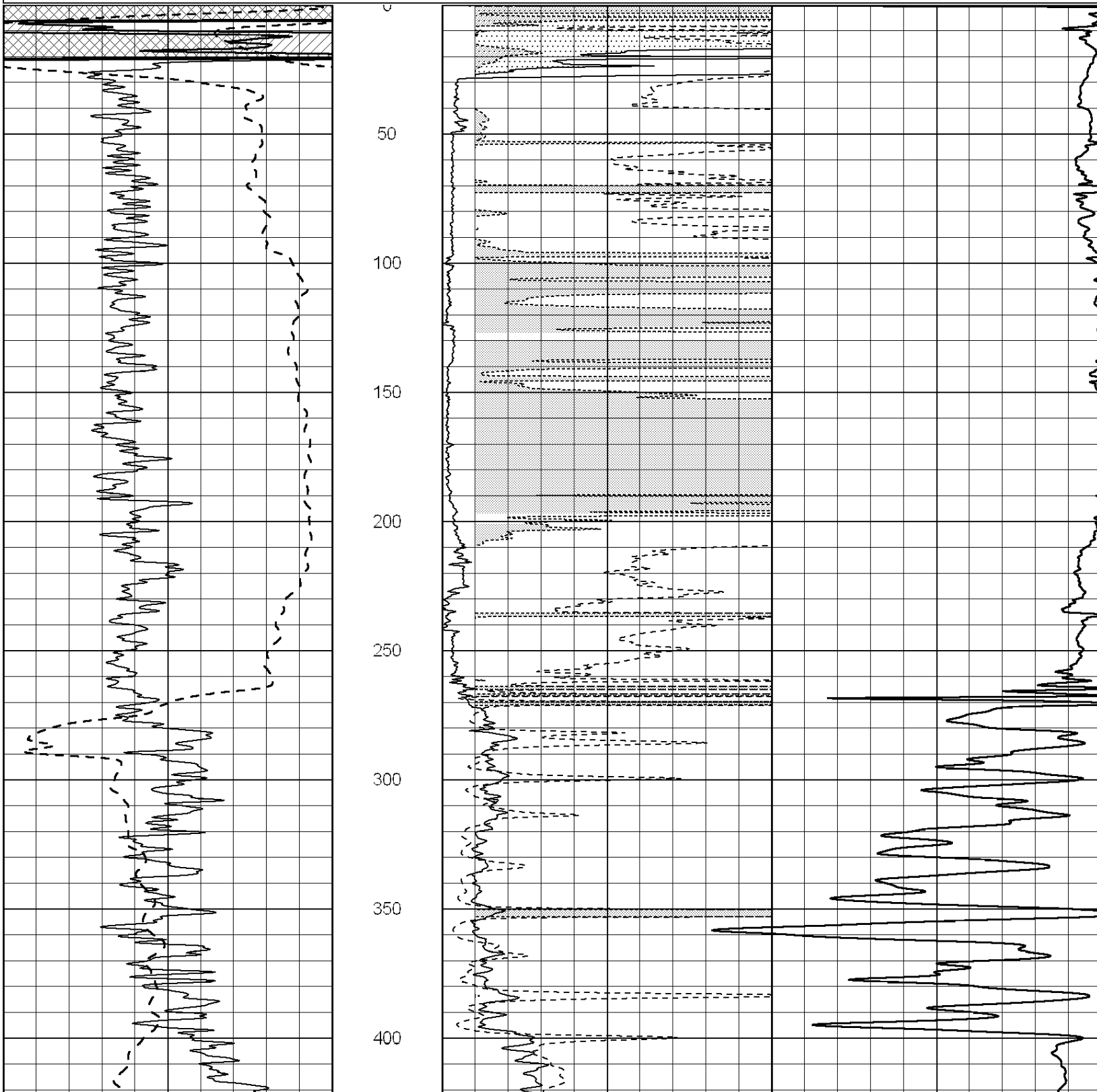
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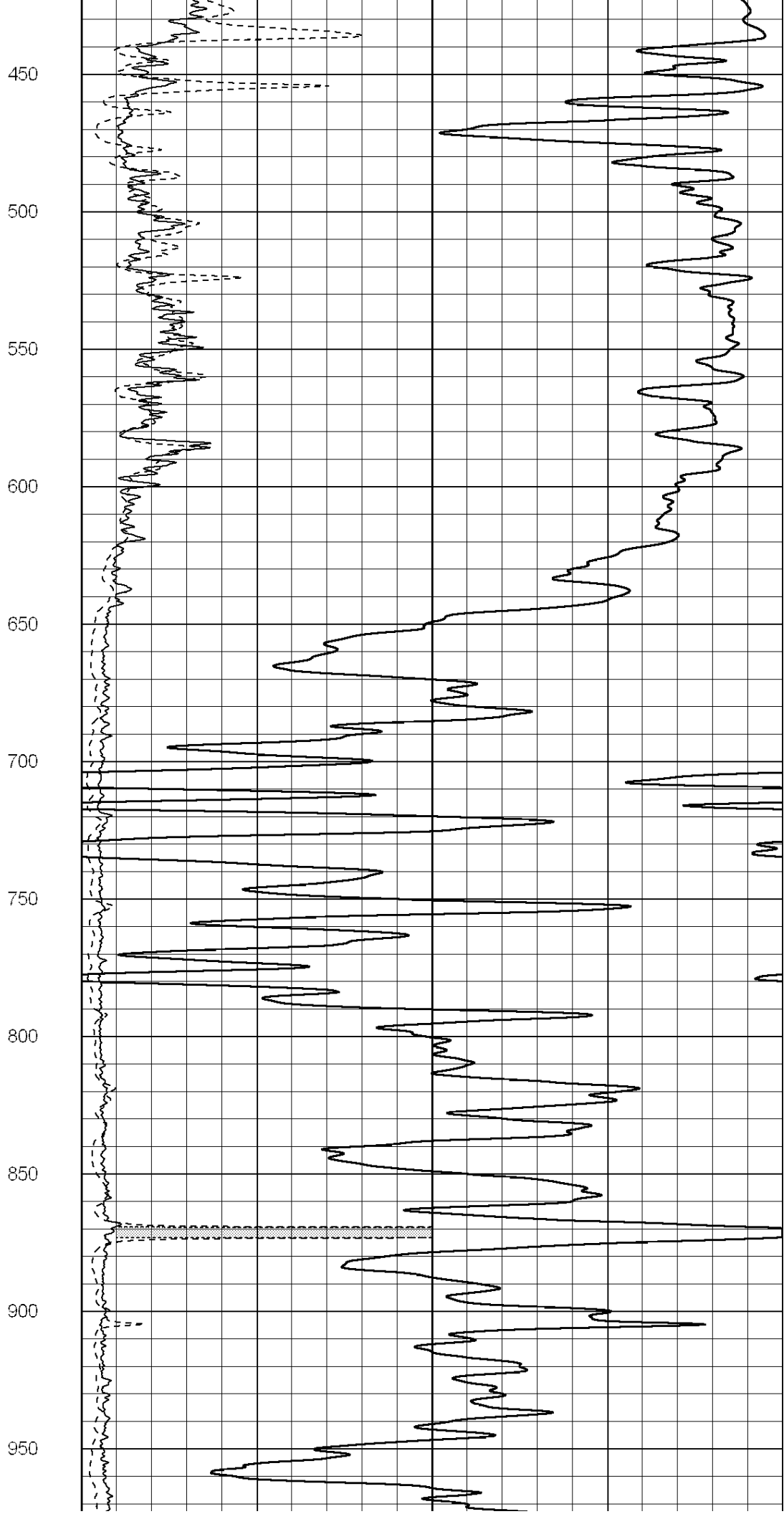
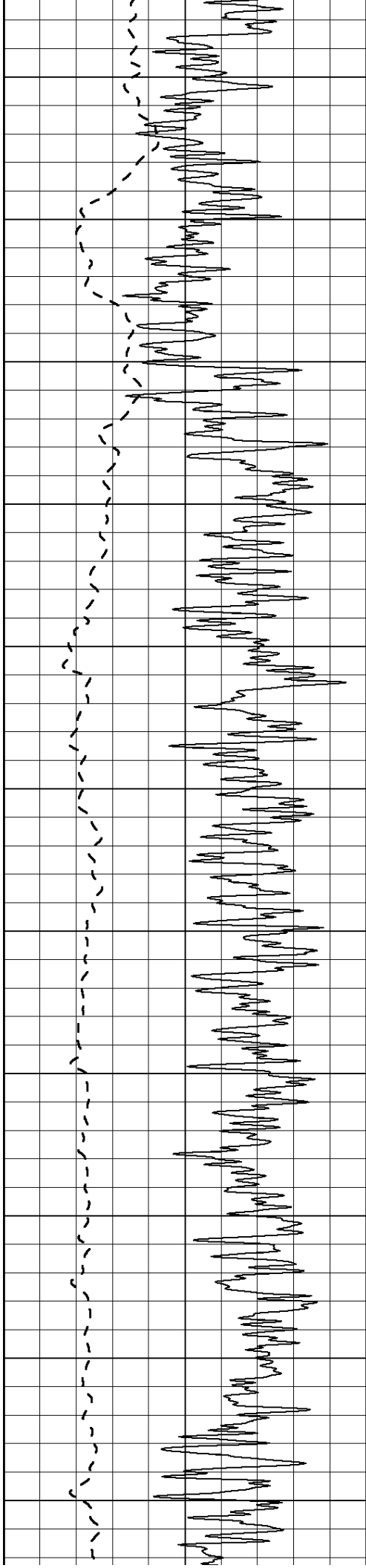
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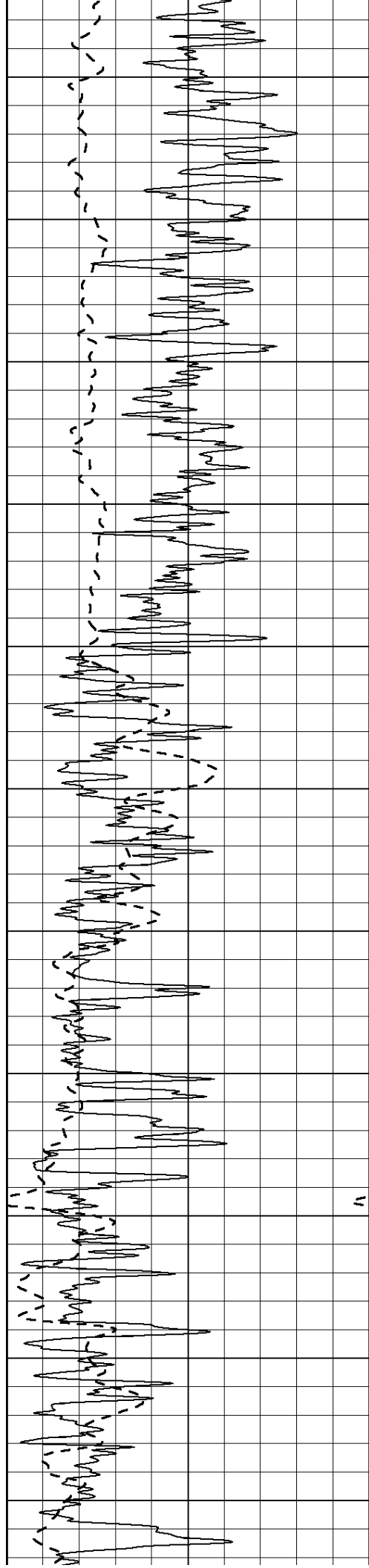
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-100	SP (mV)	100

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

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







1000

1050

1100

1150

1200

1250

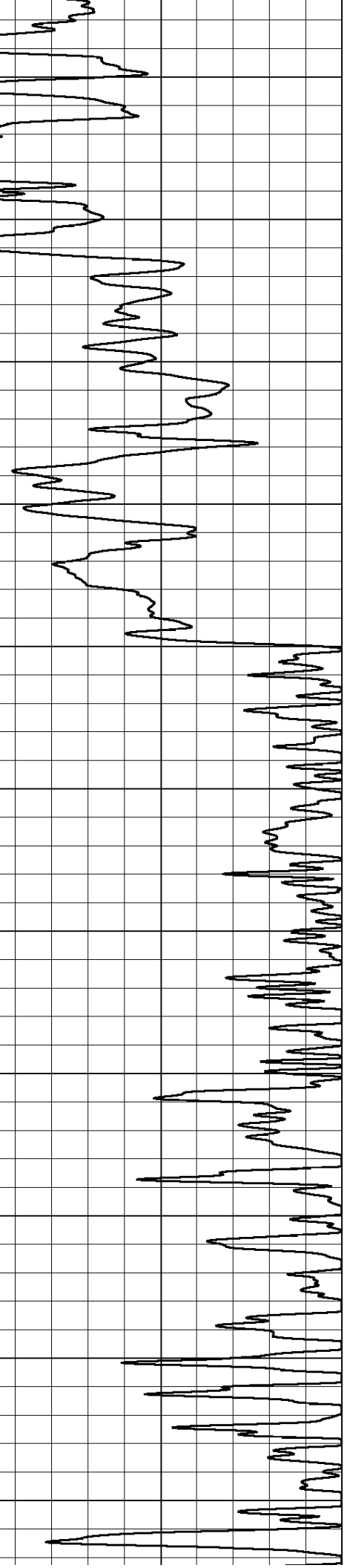
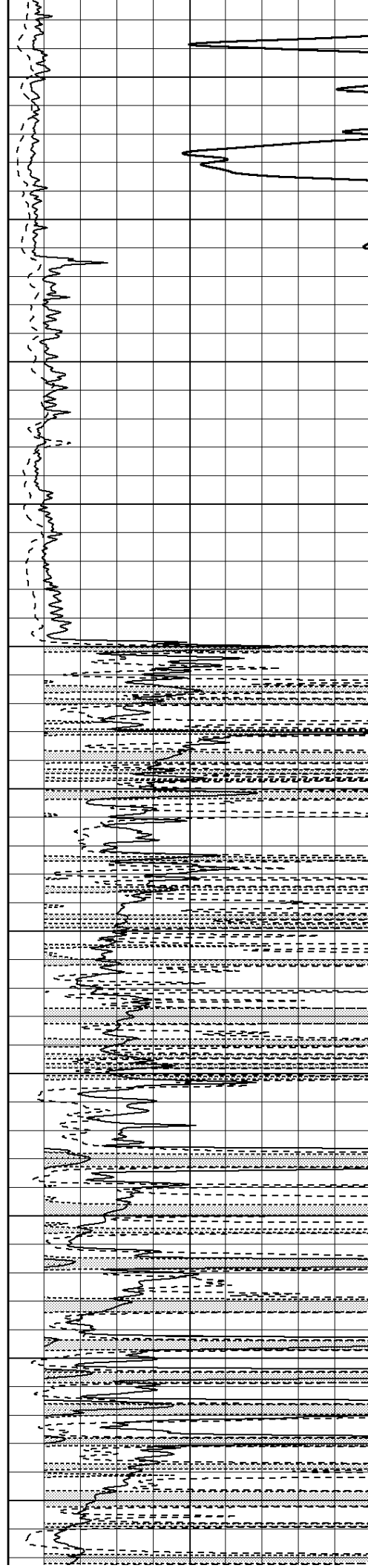
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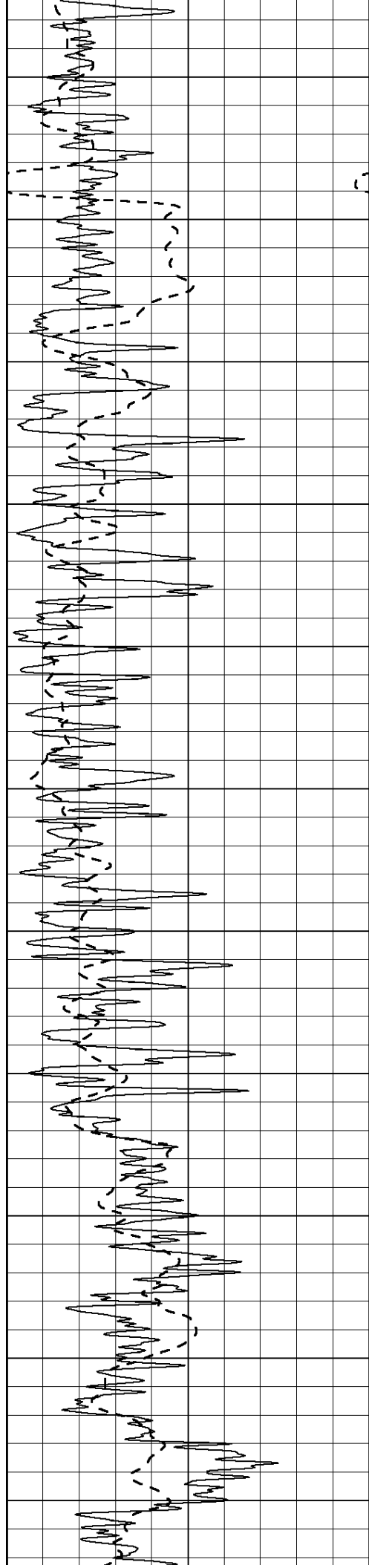
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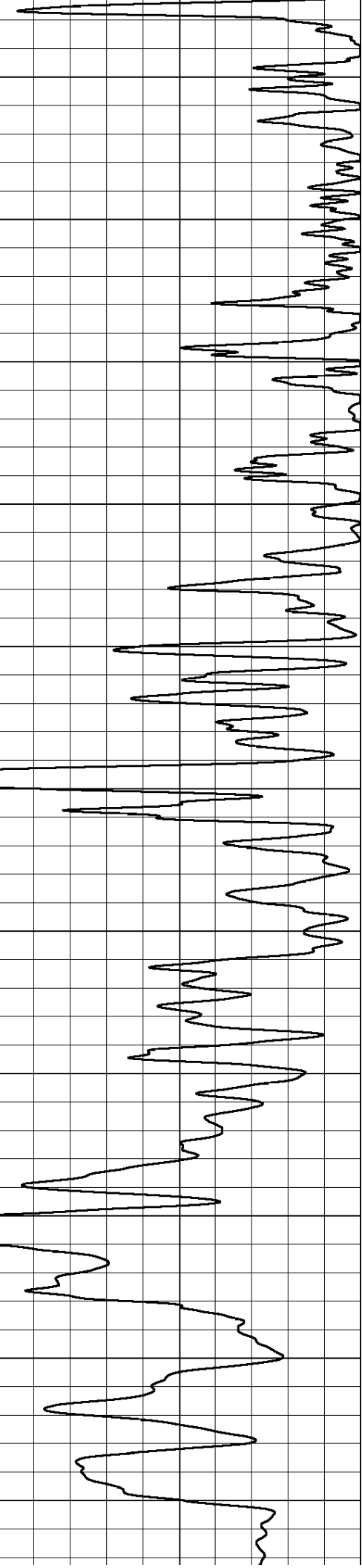
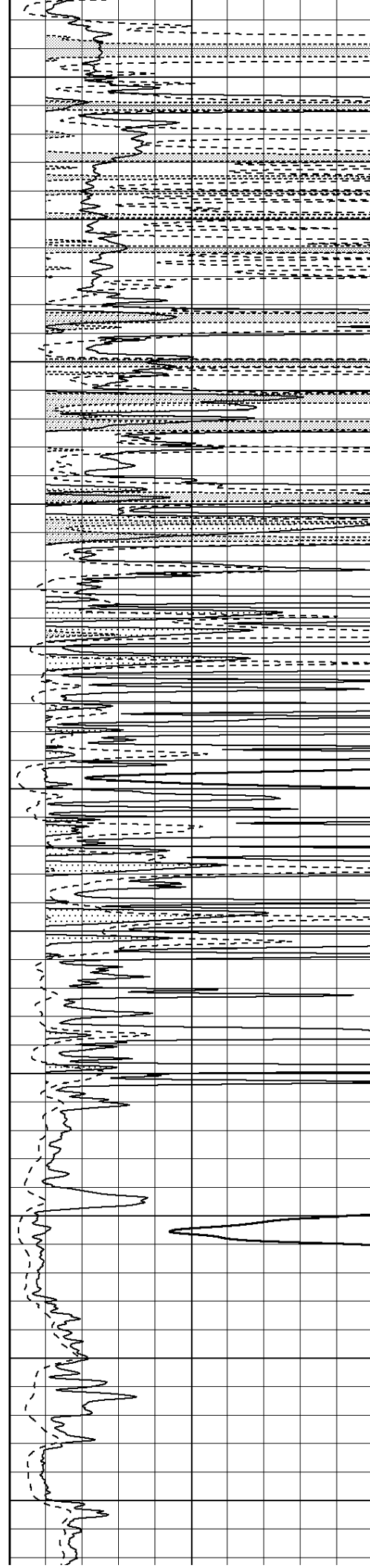
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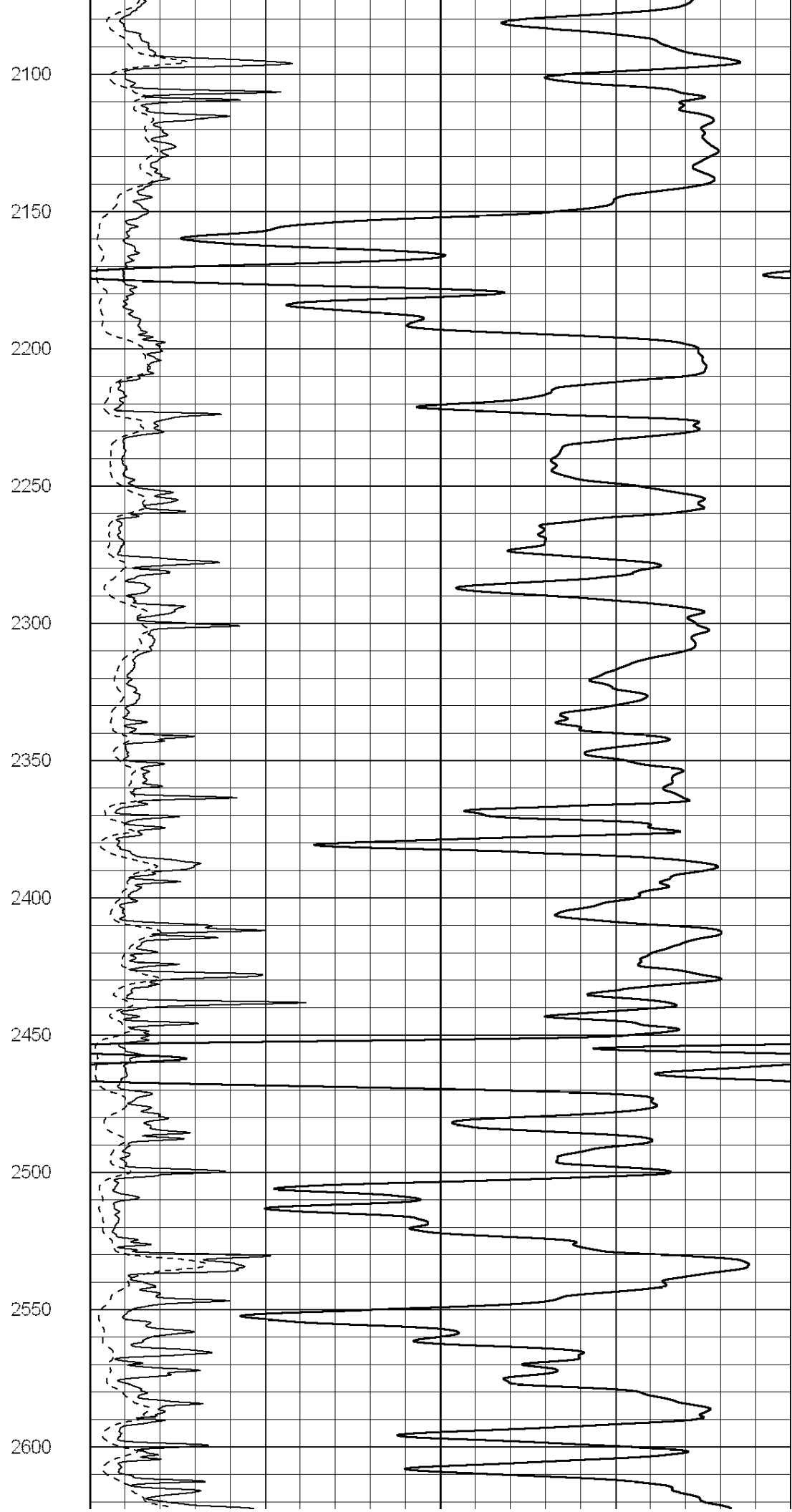
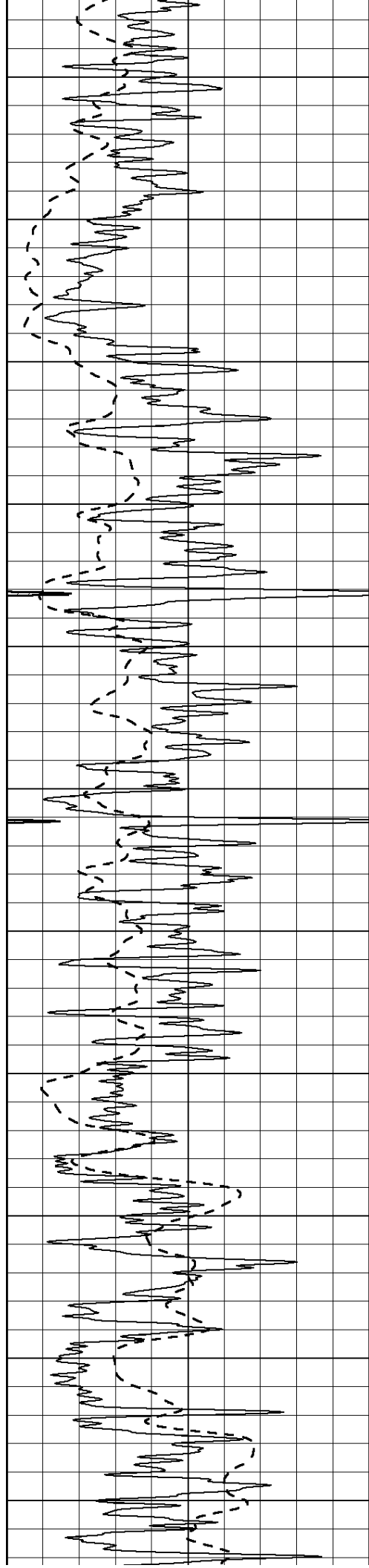
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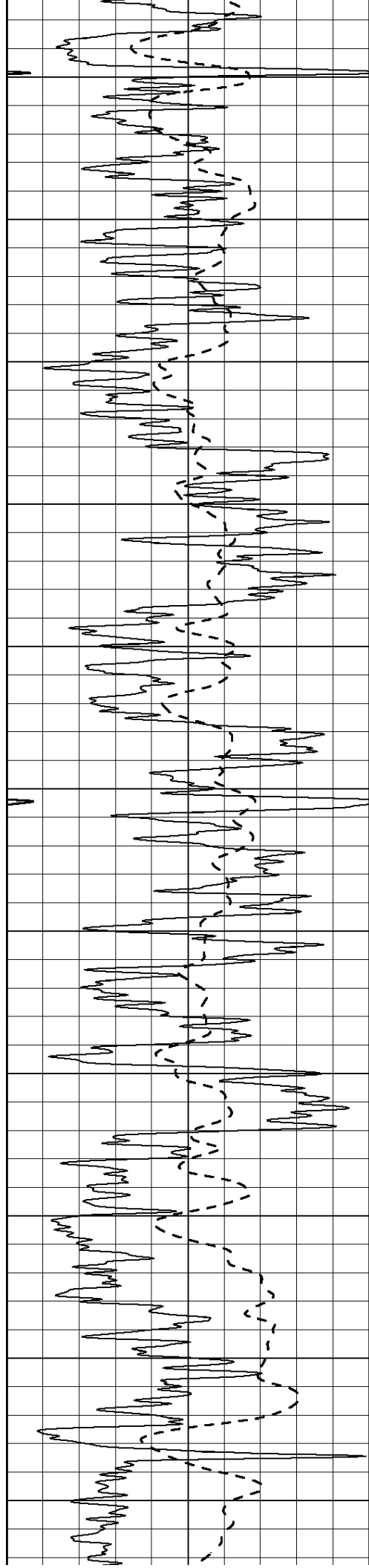




1550
1600
1650
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1800
1850
1900
1950
2000
2050







2650

2700

2750

2800

2850

2900

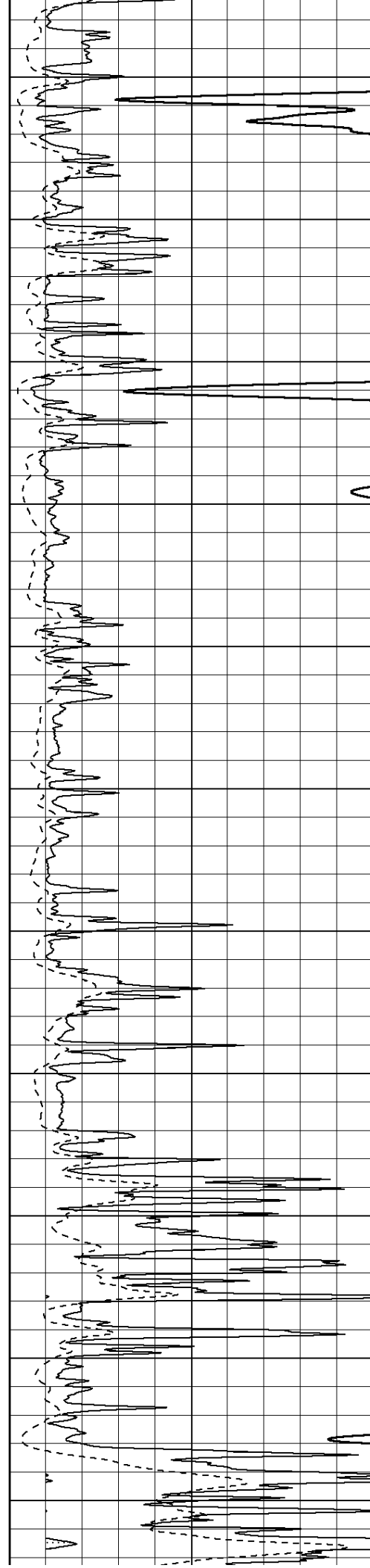
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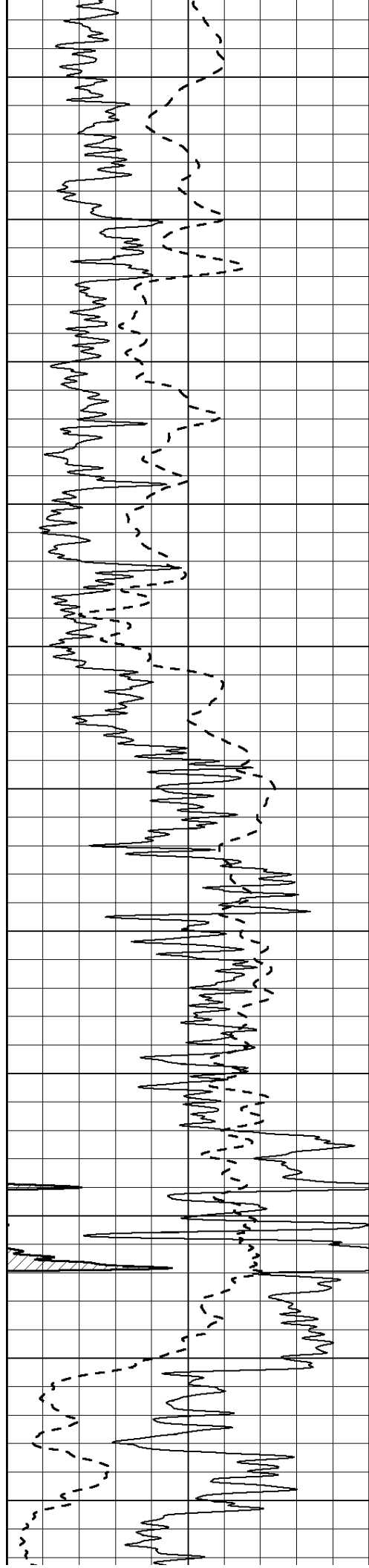
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3050

3100

3150





3200

3250

3300

3350

3400

3450

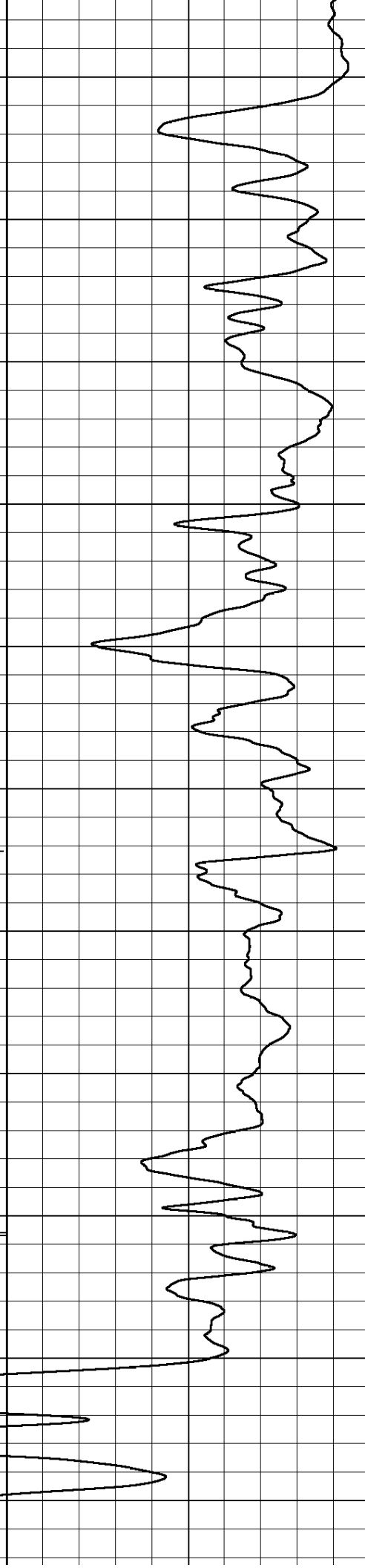
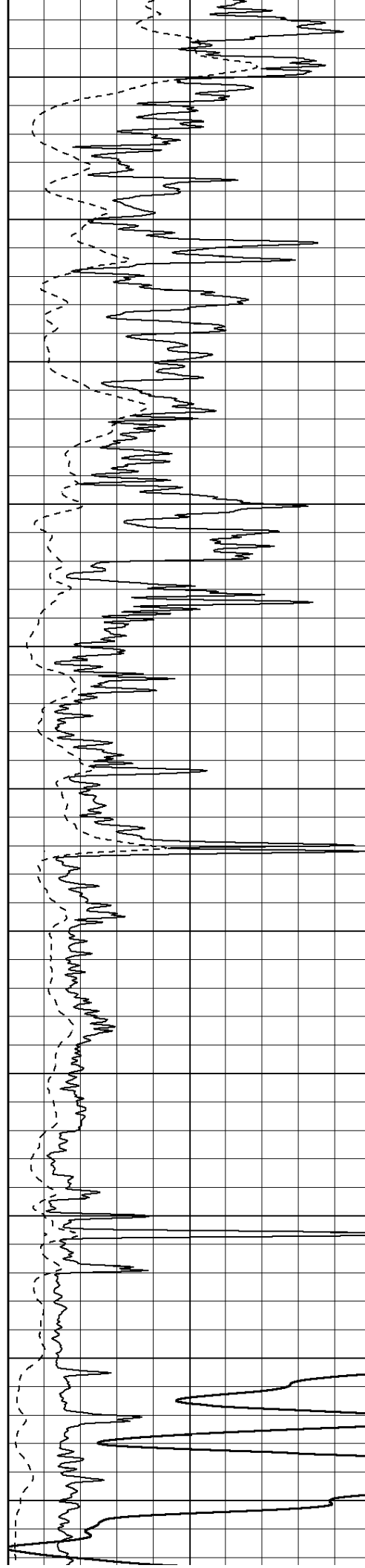
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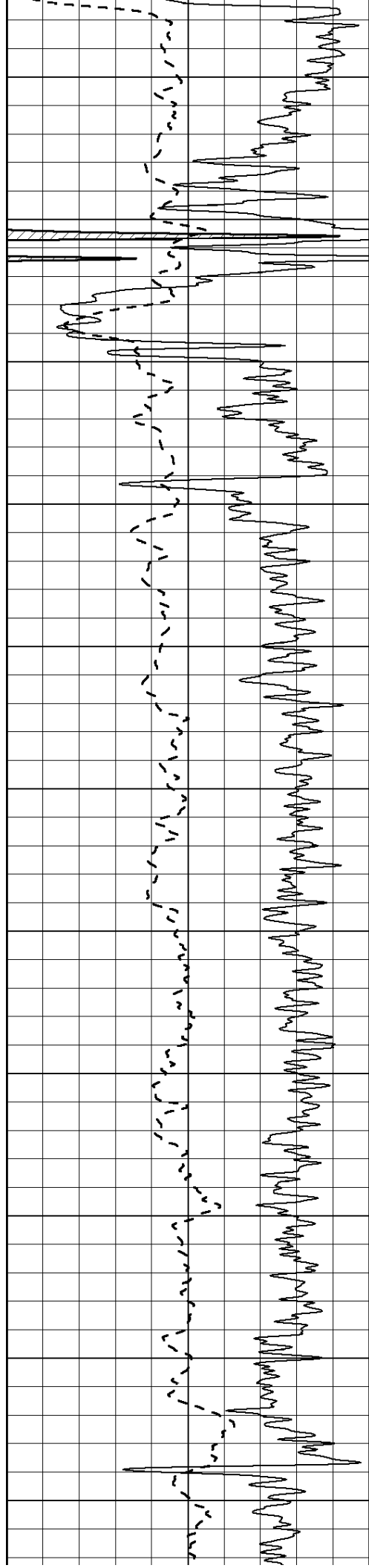
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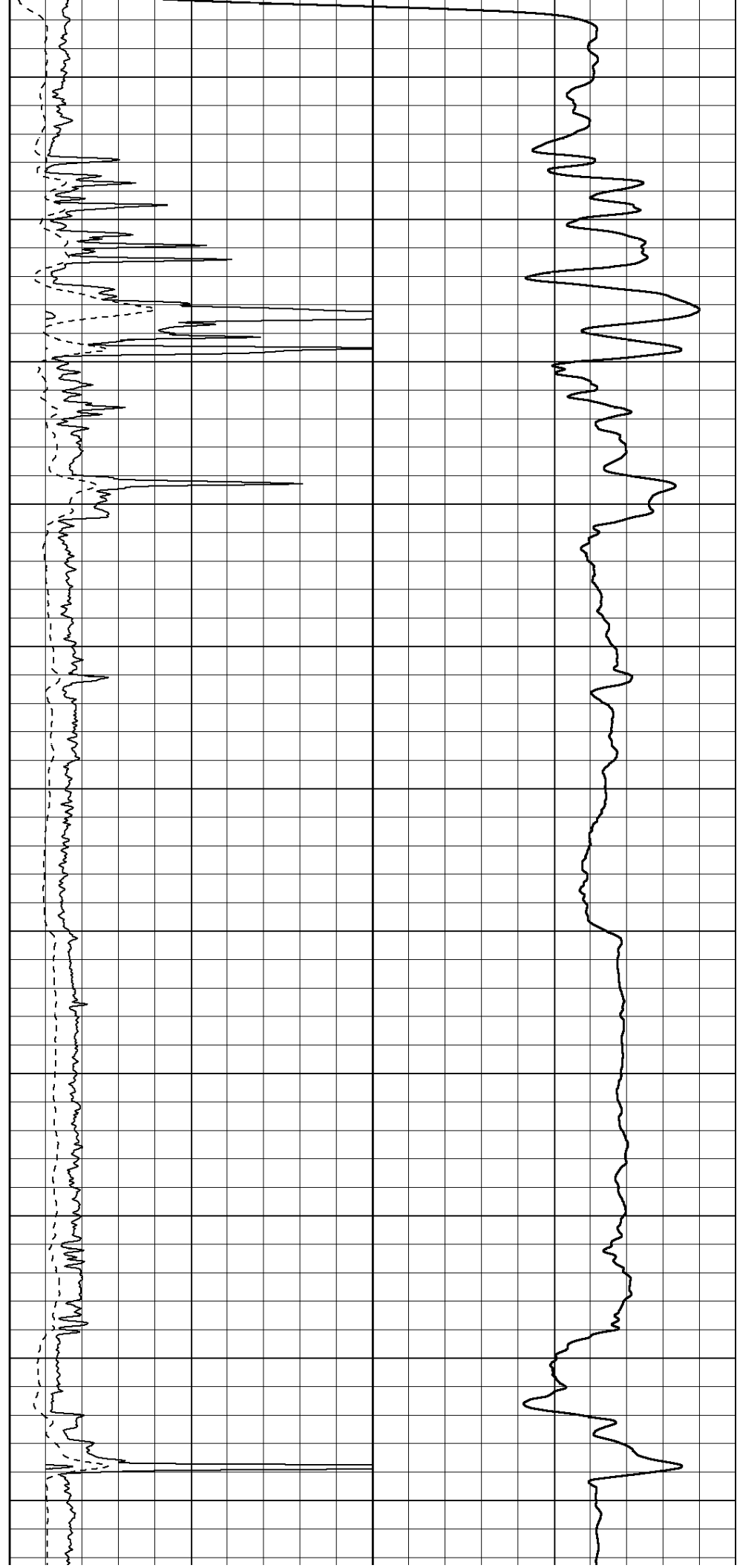
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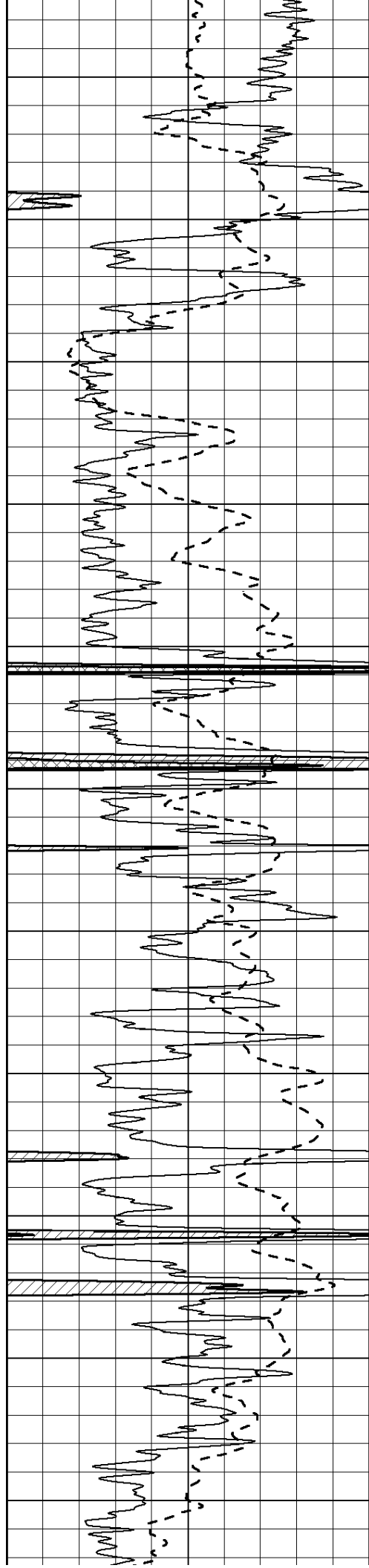
3700





3750
3800
3850
3900
3950
4000
4050
4100
4150
4200
4250





4300

4350

4400

4450

4500

4550

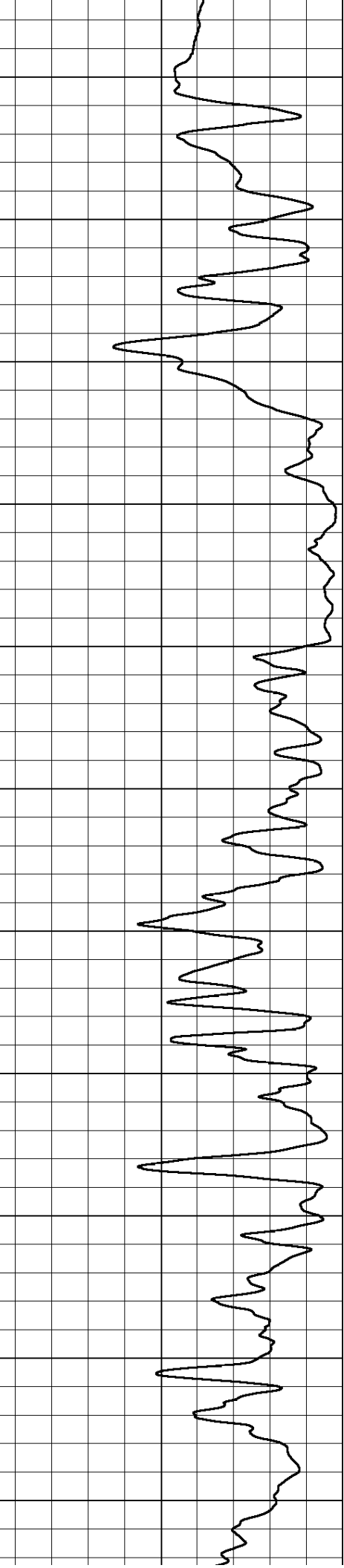
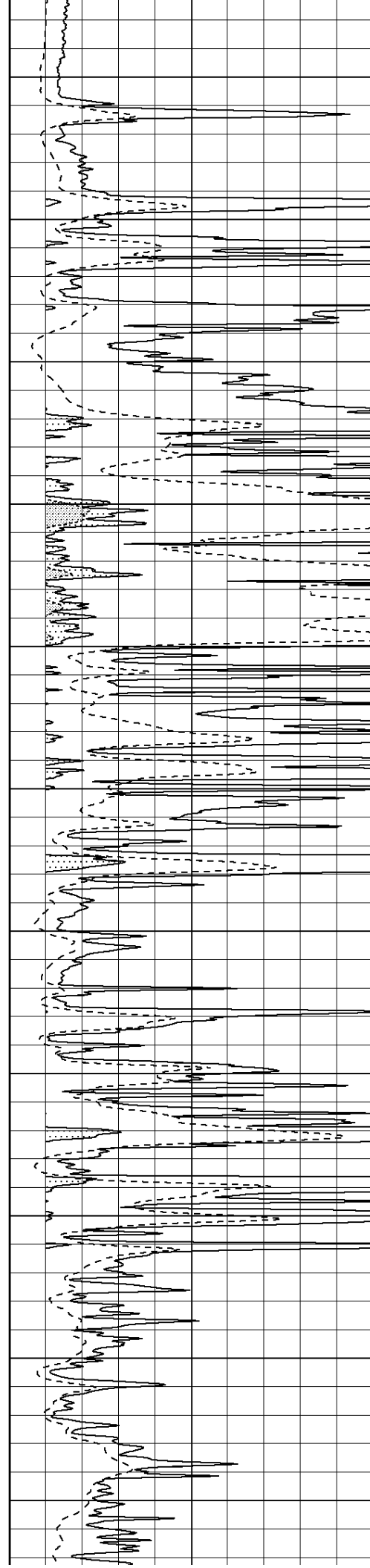
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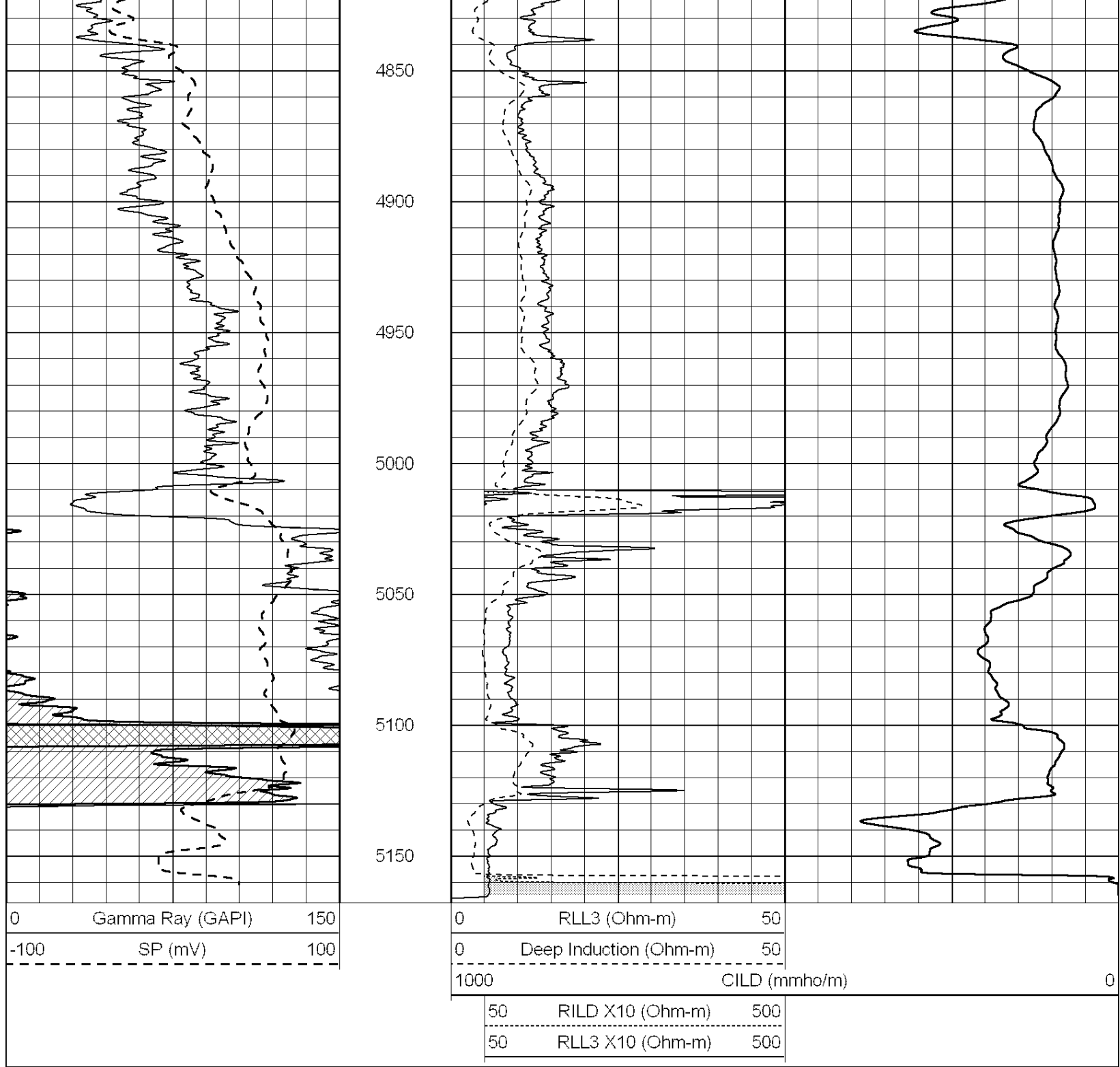
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4700

4750

4800





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Kansas

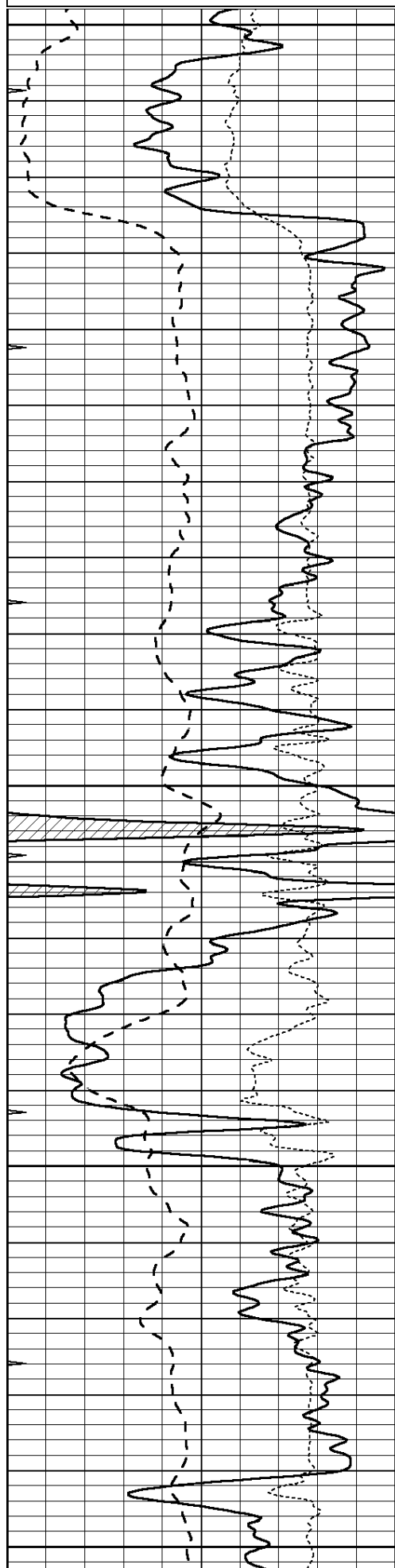
MAIN SECTION

Database File: 005639pdn.db
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 Charted by: Depth in Feet scaled 1:240

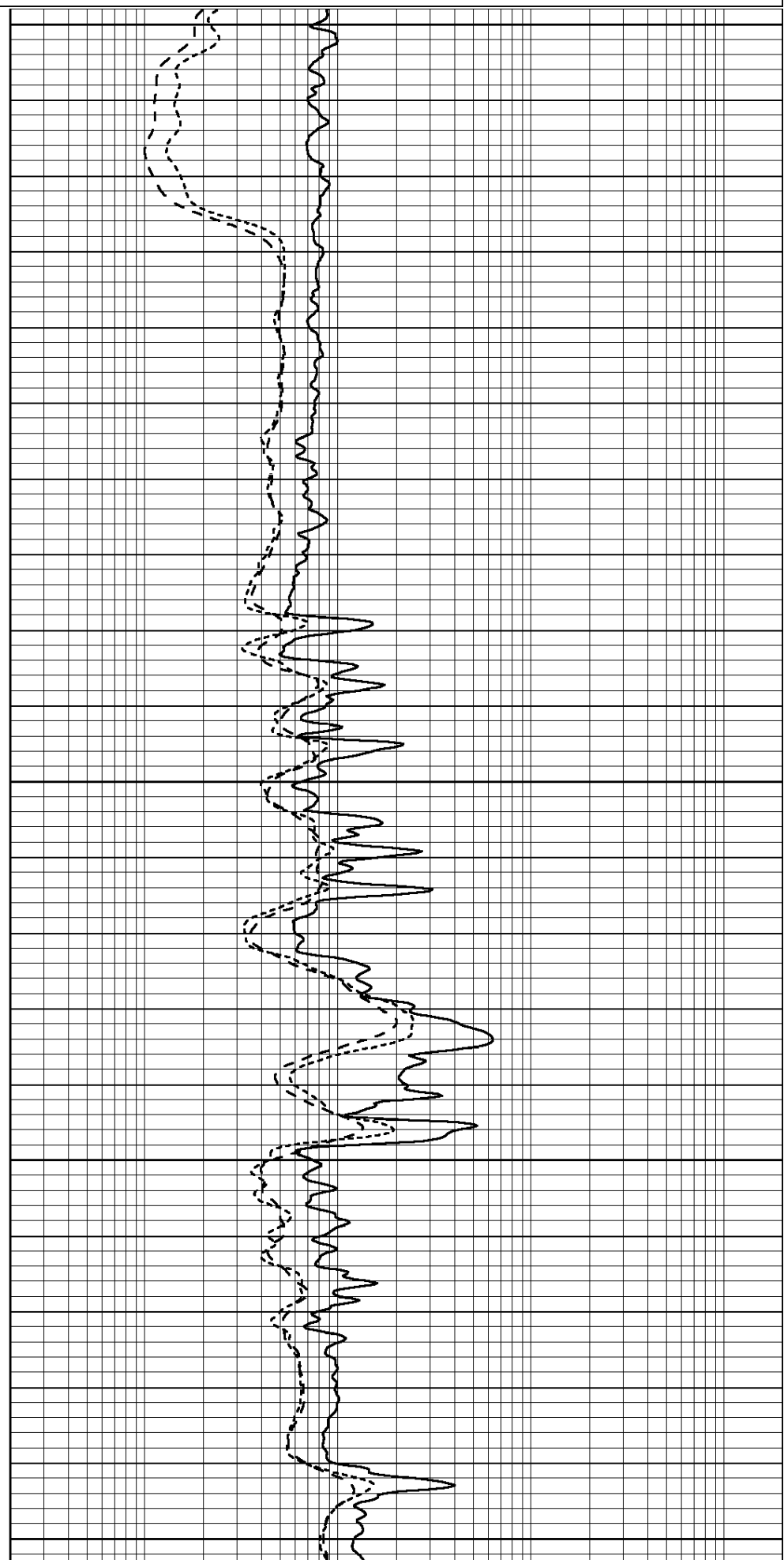
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-100	SP (mV)	100	0.2	DEEP INDUCTION (Ohm-m)	2000

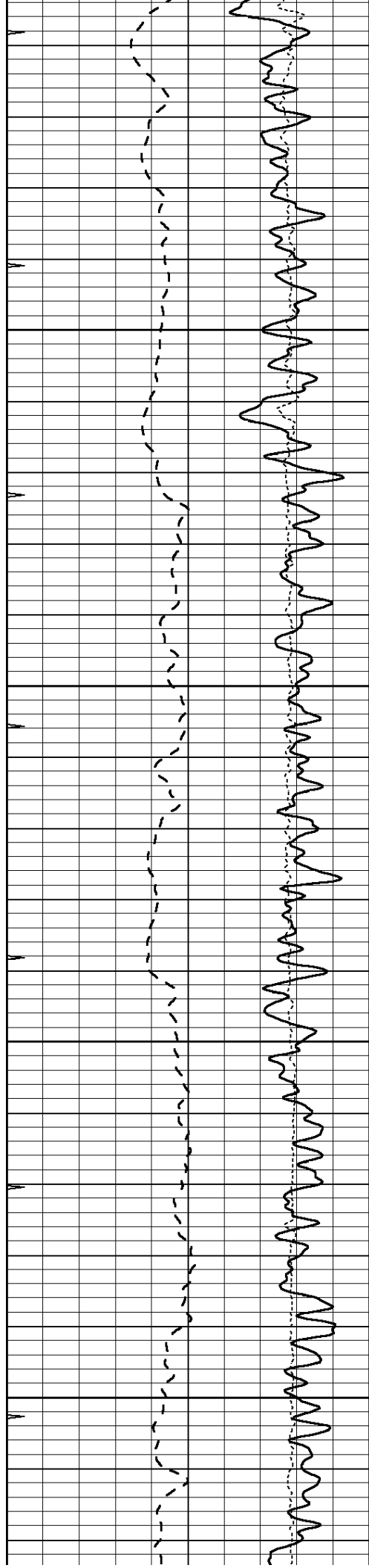
-250 RxoRt 50
0 MINMK 20

0.2 MEDIUM INDUCTION (Ohm-m) 2000



3700
3750
3800
3850
3900



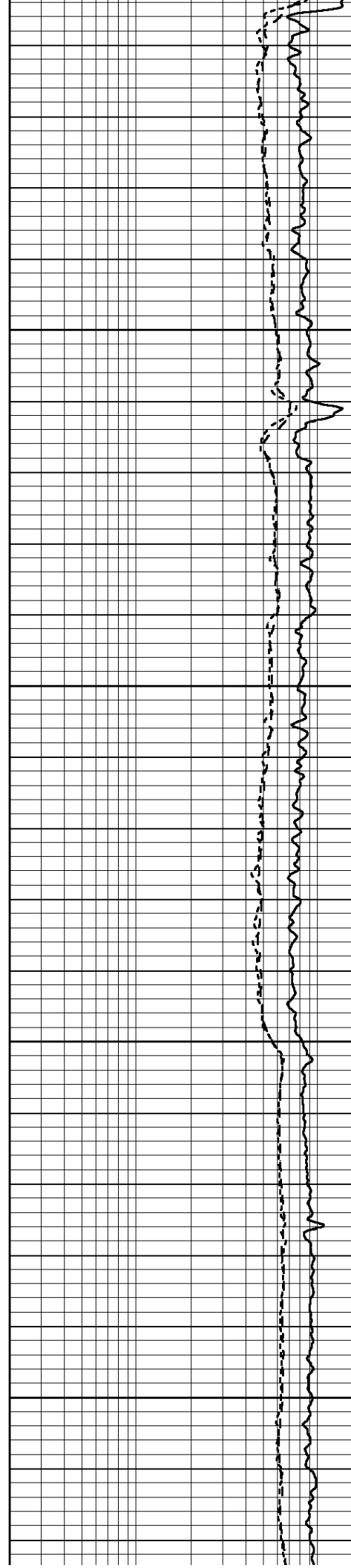


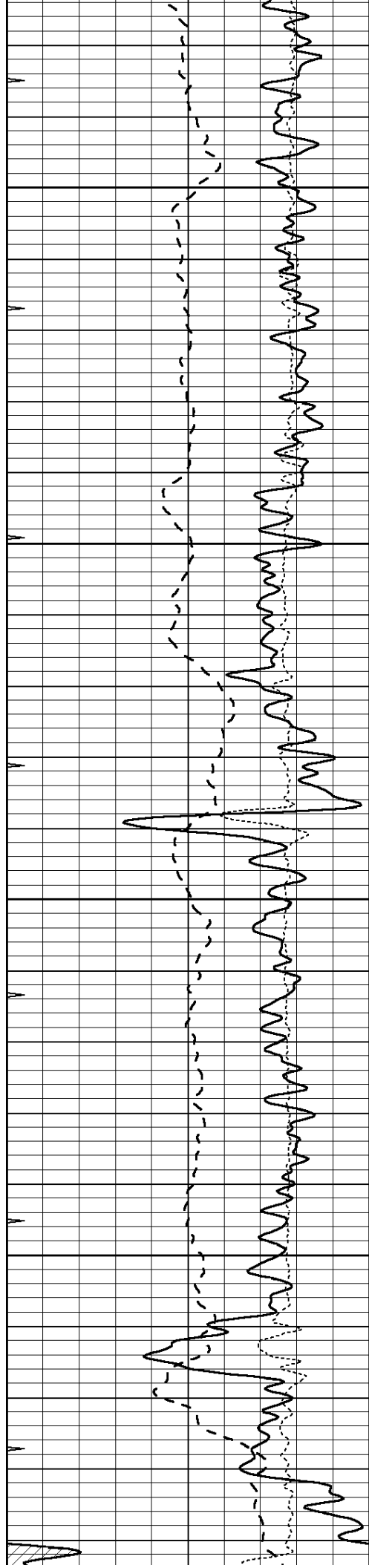
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4000

4050

4100



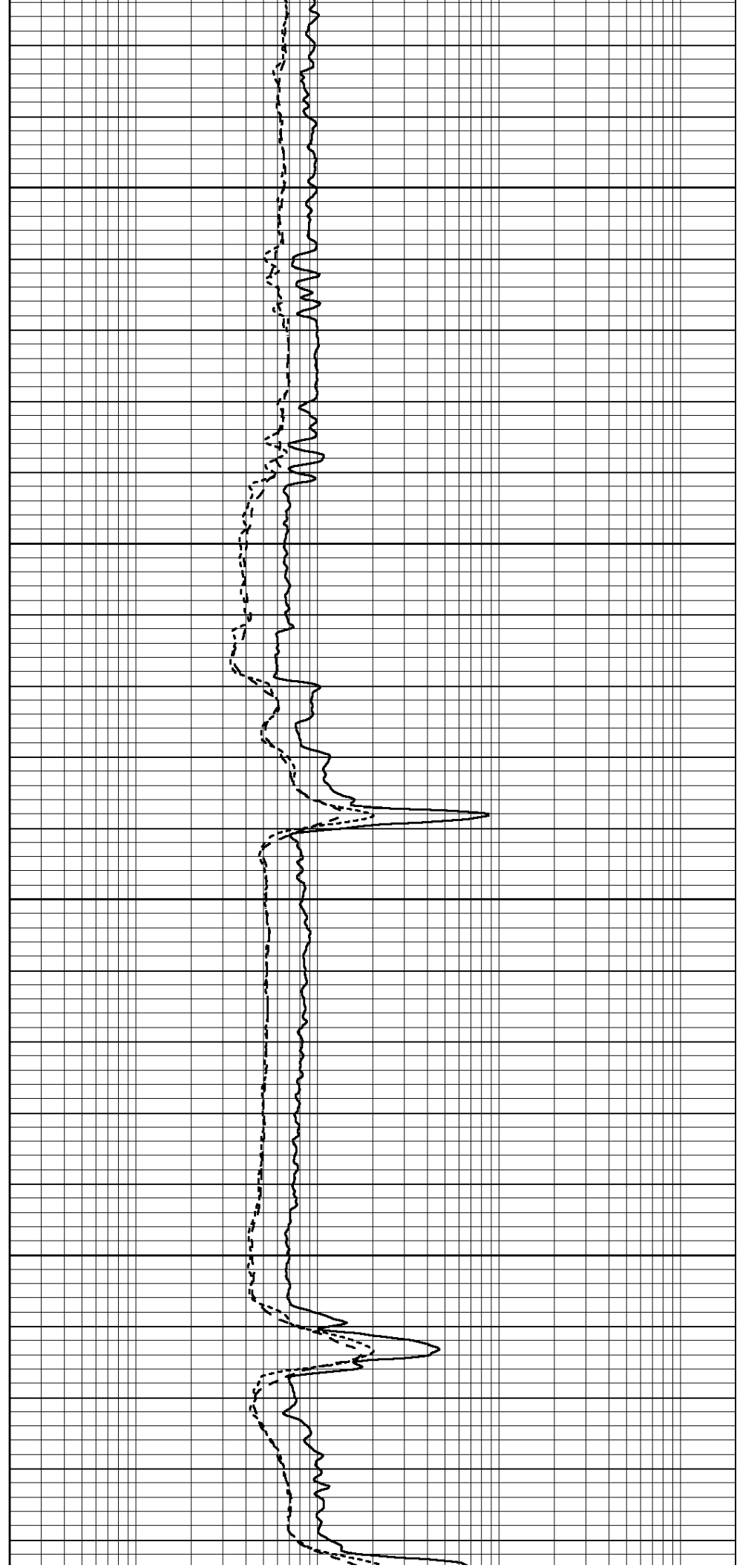


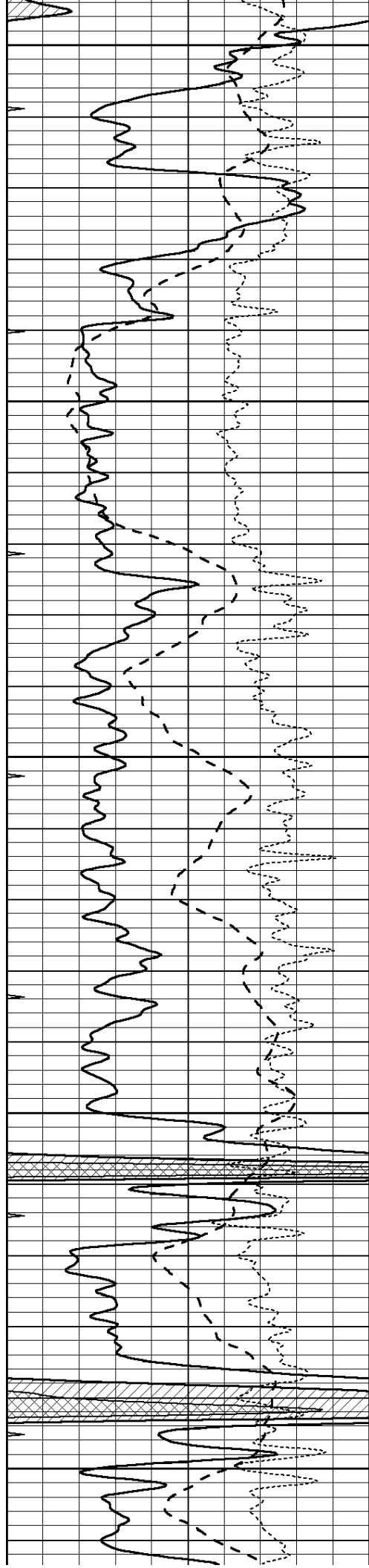
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4200

4250

4300





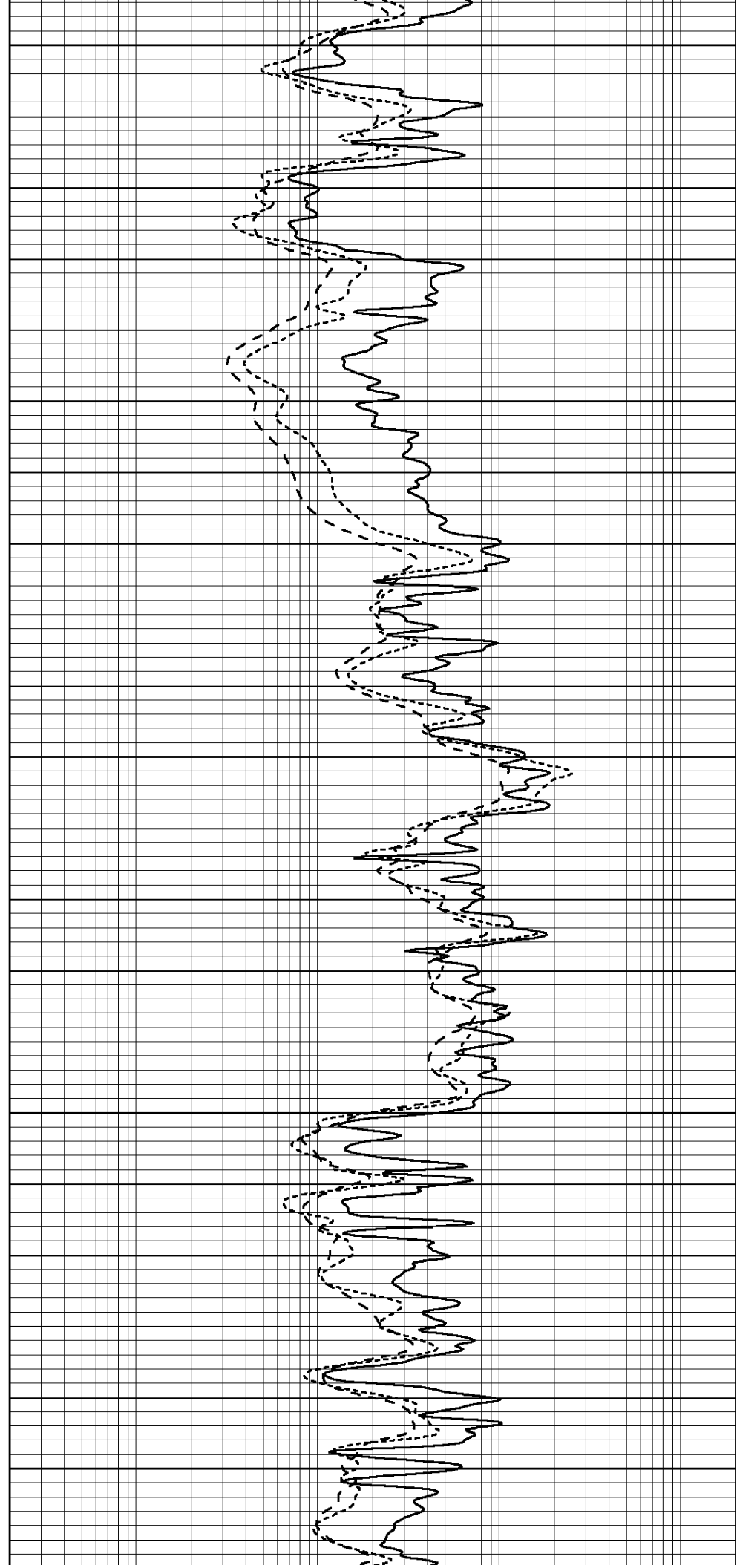
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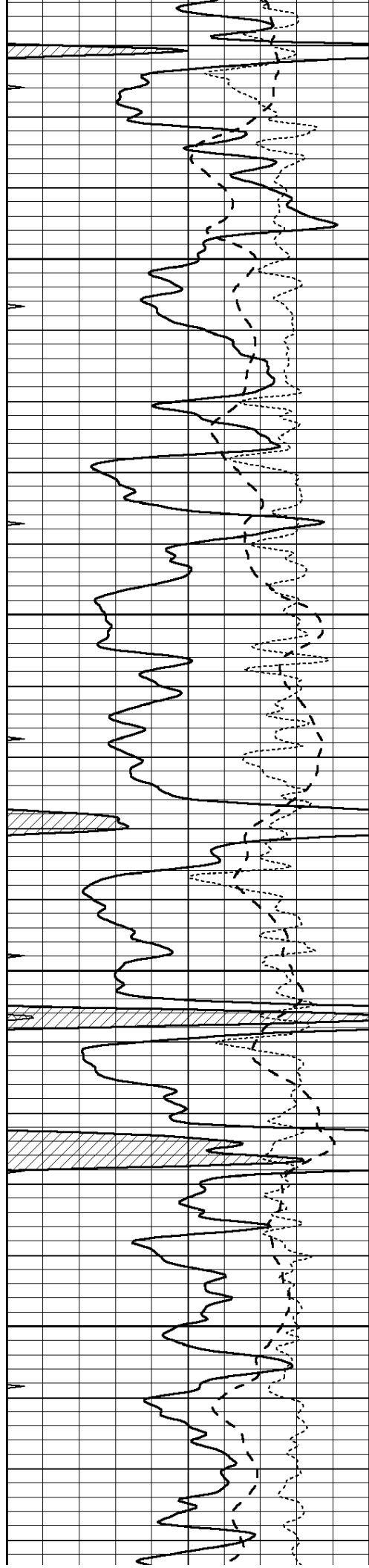
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4500

4550



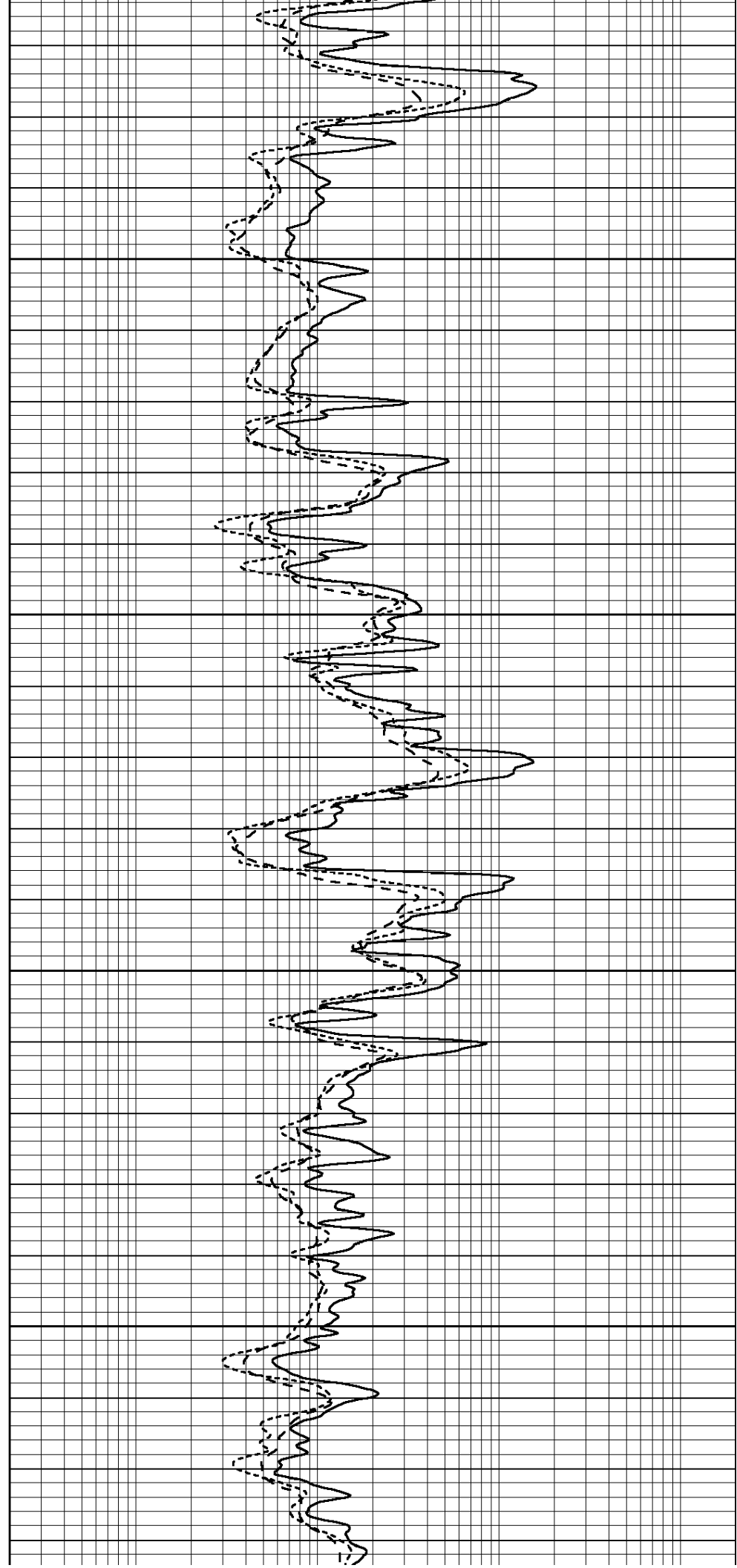


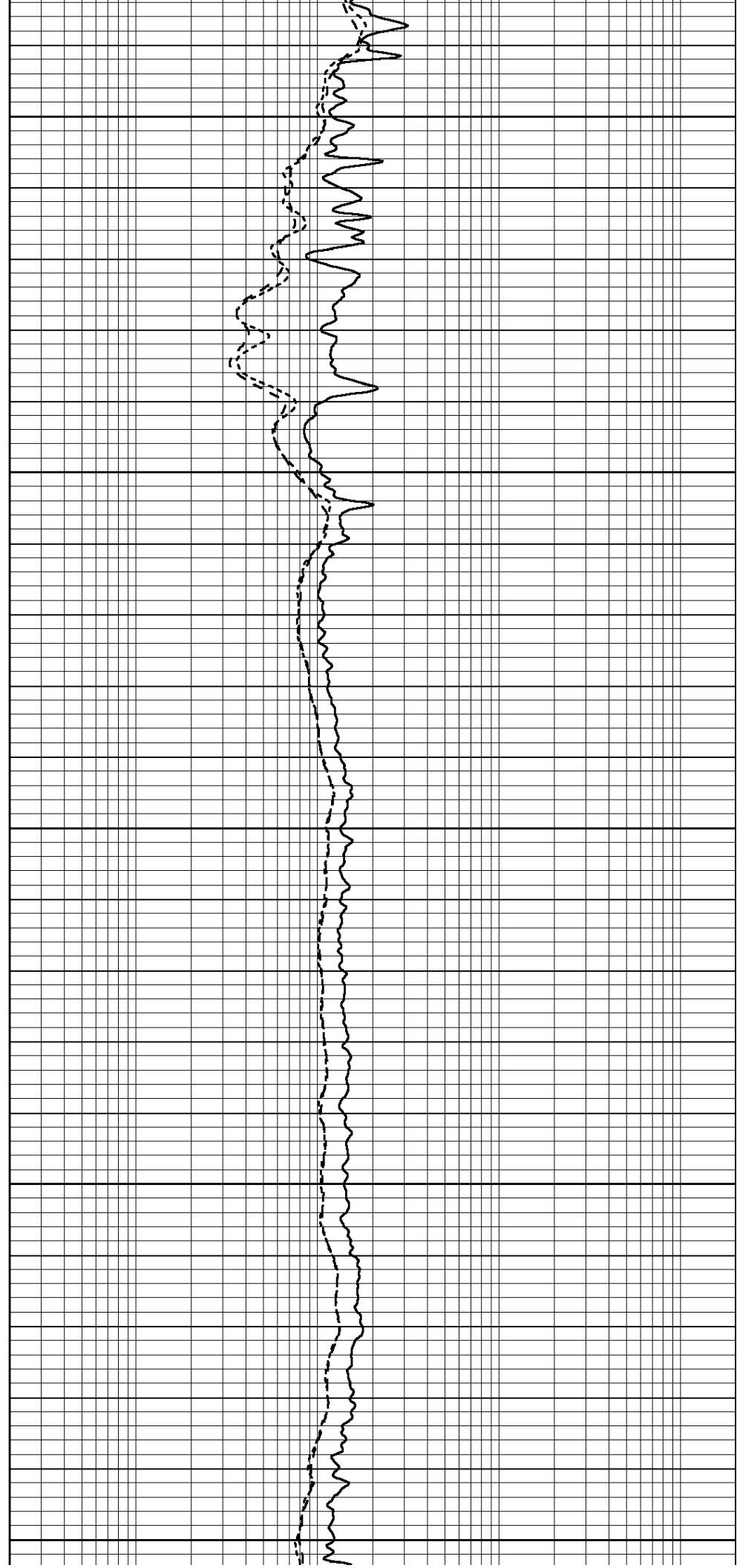
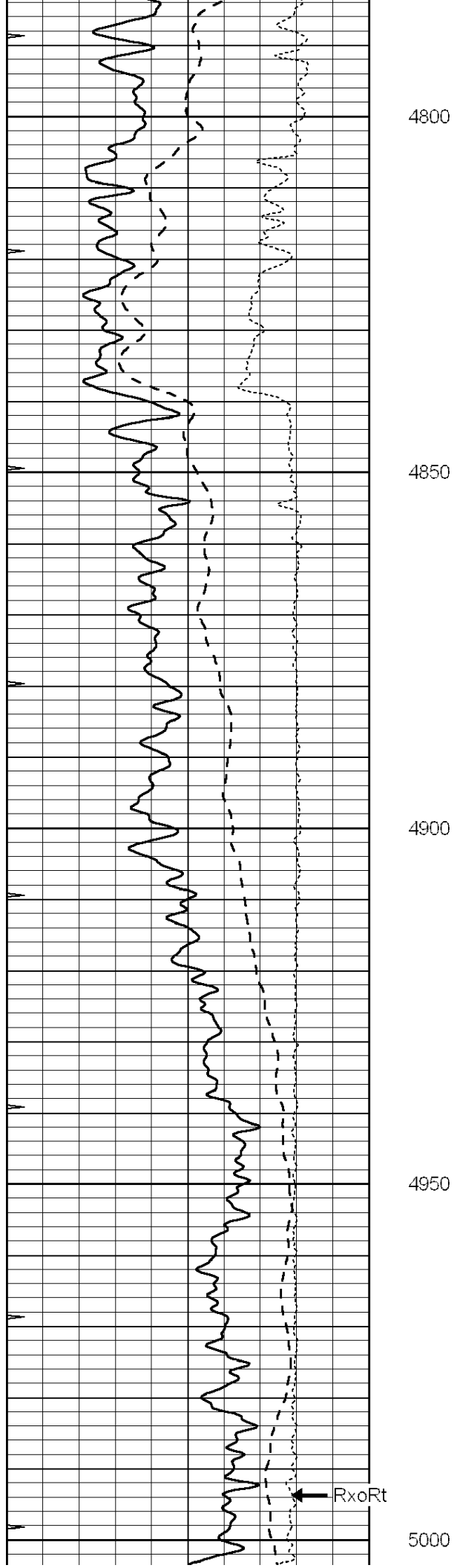
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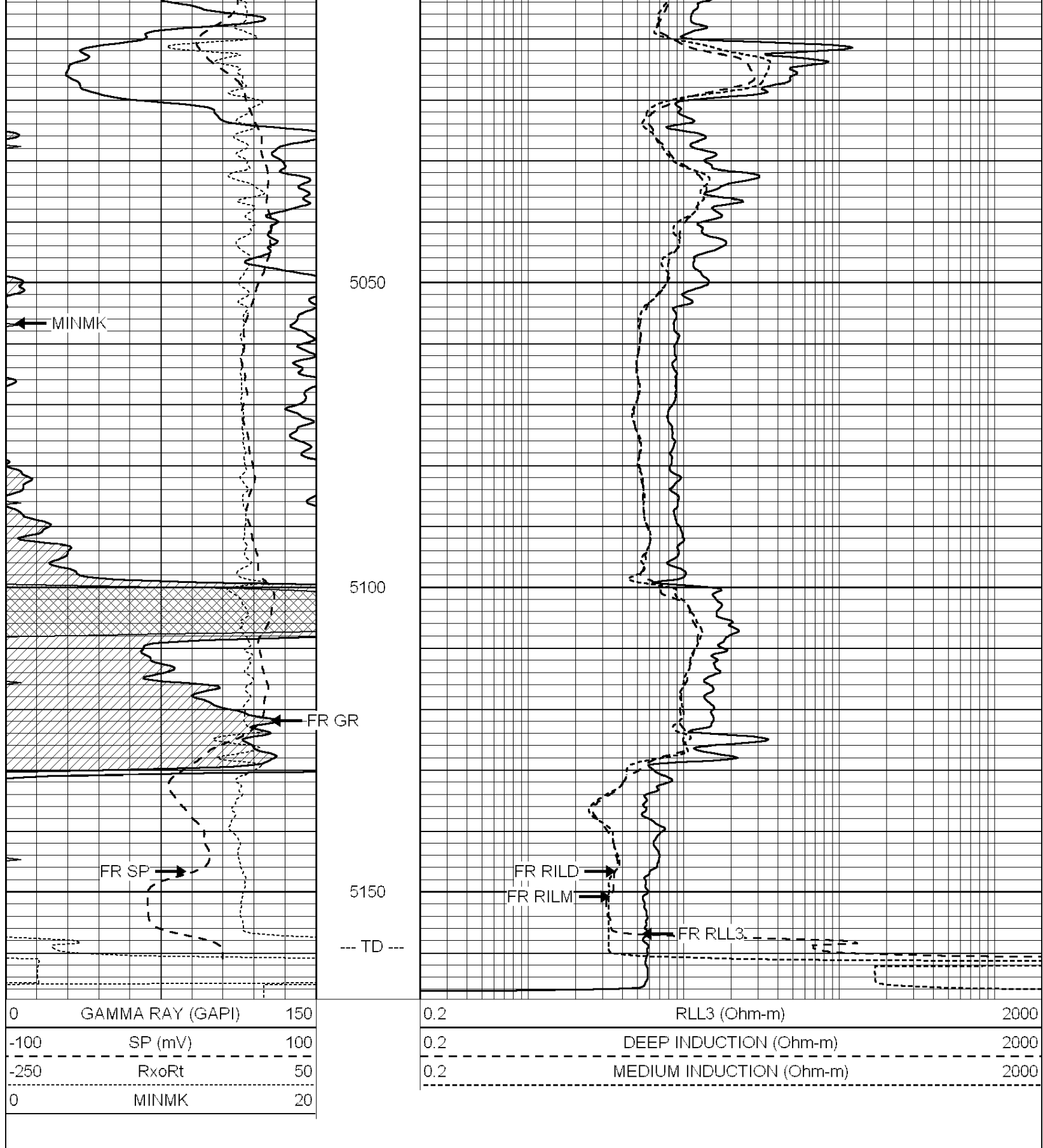
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4700

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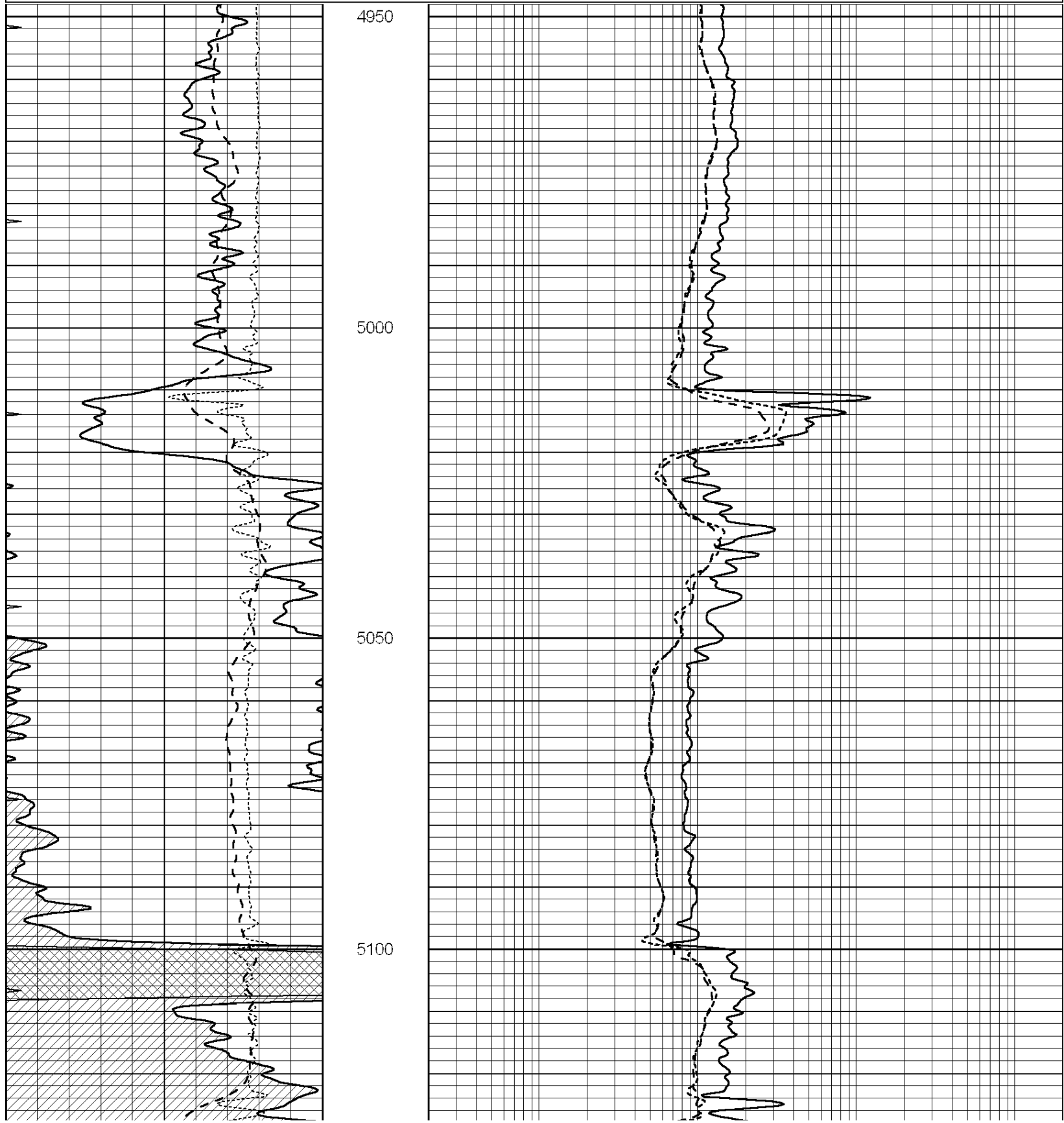


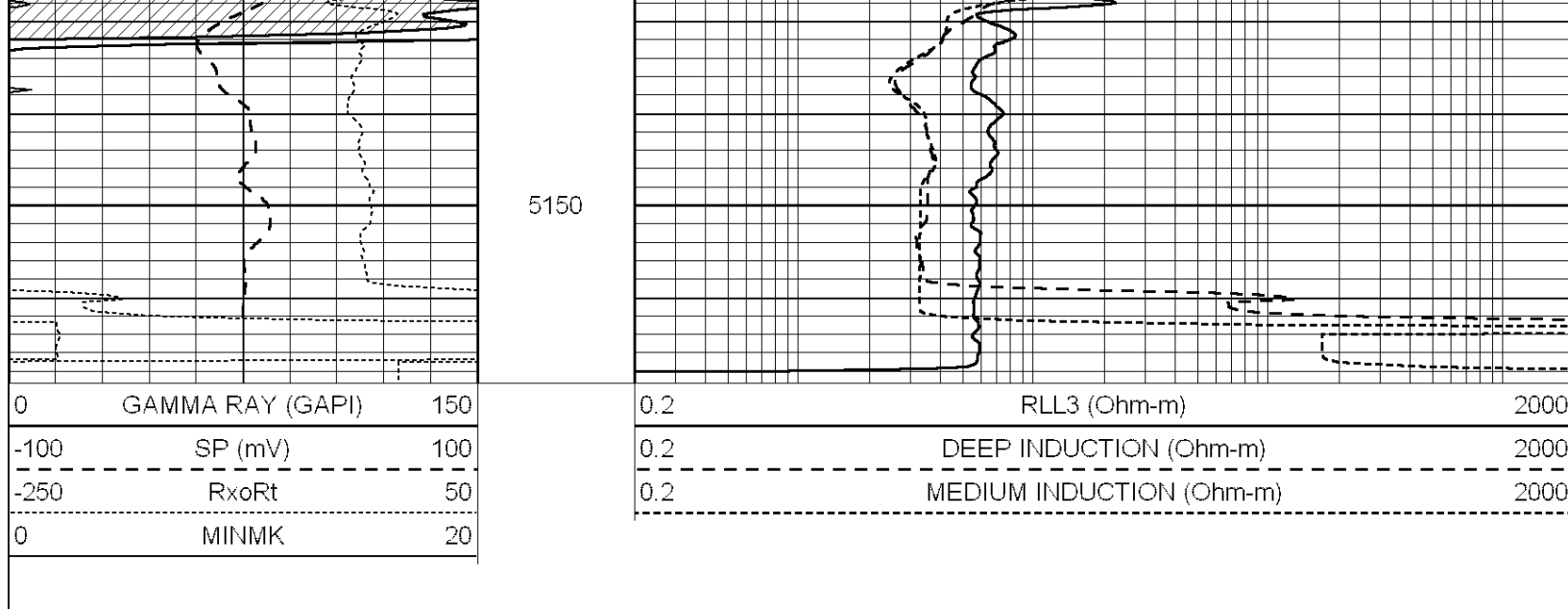
SUPERIOR
Hays,
Kansas

REPEAT SECTION

Dataset Pathname: pass2.2A
 Presentation Format: dil
 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	0.2	RLL3 (Ohm-m)	2000
-100	SP (mV)	100	0.2	DEEP INDUCTION (Ohm-m)	2000
-250	RxoRt	50	0.2	MEDIUM INDUCTION (Ohm-m)	2000
0	MINMK	20			





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

0.2	RLL3 (Ohm-m)	2000
0.2	DEEP INDUCTION (Ohm-m)	2000
0.2	MEDIUM INDUCTION (Ohm-m)	2000

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		m	
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
Low Ref	2.8	8.8

High Ref

4.8

14.0

Offset: 1.7

Gain: 2.6

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

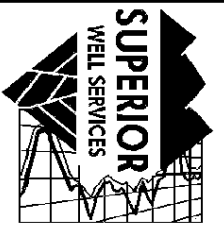
Gamma Ray Calibration Report

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

Company LOTUS OPERATING CO., 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
Permanent Datum GROUND LEVEL Elevation 1411
Log Measured From KELLY BUSHING 9' A.G.L.
Drilling Measured From KELLY BUSHING
Other Services
CDL/CNL/PE
SONIC/DIL
Elevation
K.B. 1420
D.F.
G.L. 1411

Date	8-10-10
Run Number	TW0
Depth Driller	5160
Depth Logger	5159
Bottom Logged Interval	5141
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
pH / Fluid Loss	10.0 / 12.4
Source of Sample	FLOWLINE
Rm @ Meas. Temp	.60 @ 93F
Rmf @ Meas. Temp	0.45 @ 93F
Rmc @ Meas. Temp	0.72 @ 93F
Source of Rmf / Rmc	MEASURED
Rm @ 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 >>>

All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

Comments

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

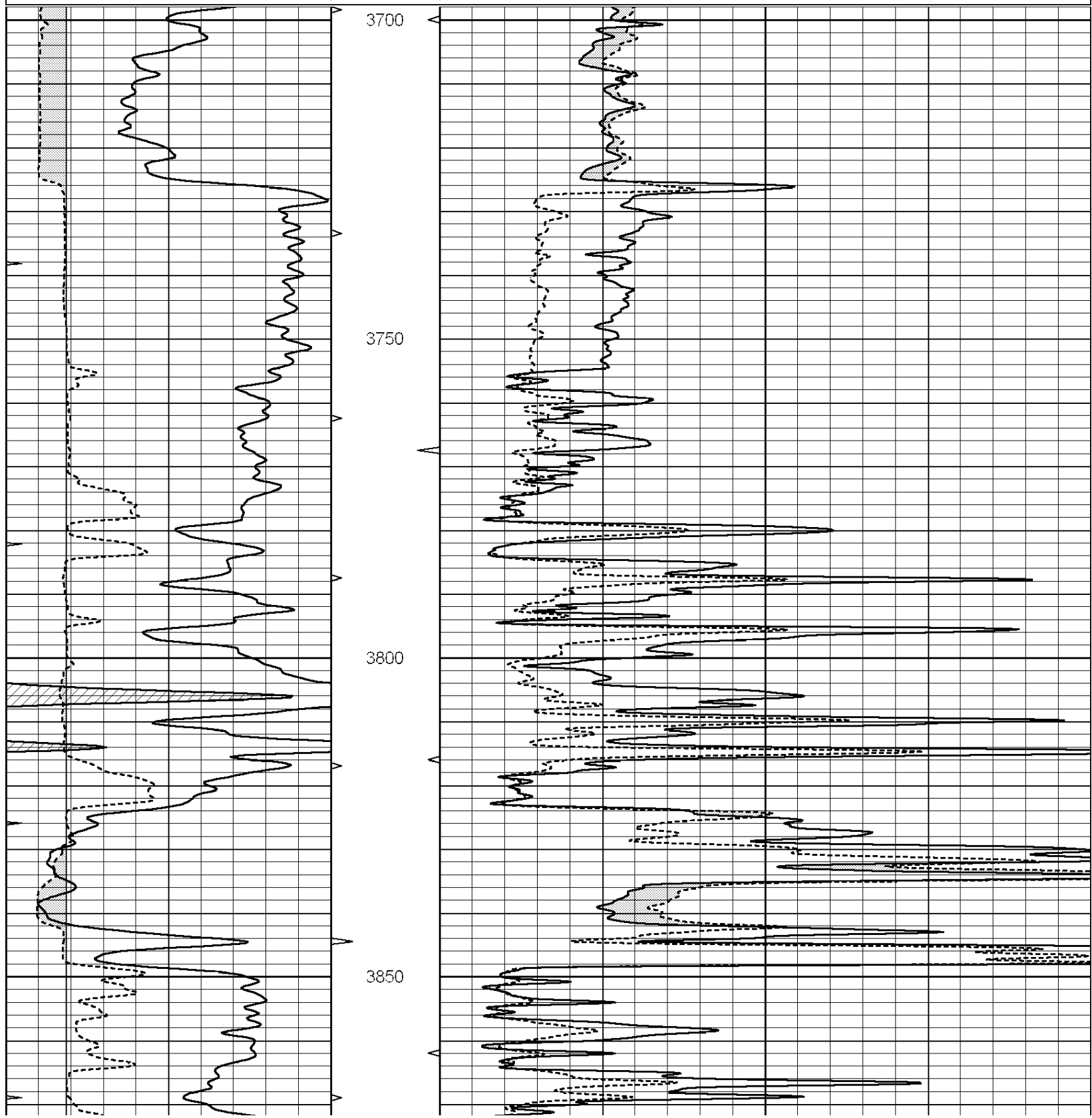


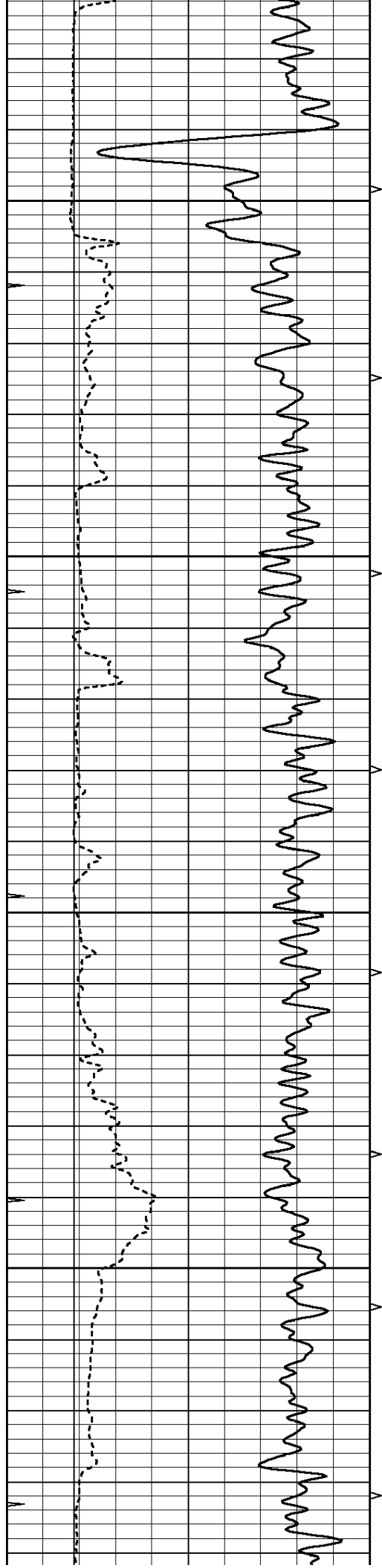
**SUPERIOR
Hays,
Kansas**

MAIN SECTION

Database File: 005639pdn.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	MEL1.5 (Ohm-m)	40
6	CALIPER (in)	16	10 (ft3)	0 0	MEL2.0 (Ohm-m)	40
0	MINMK	20	TBHV			
			0 (ft3)	10		



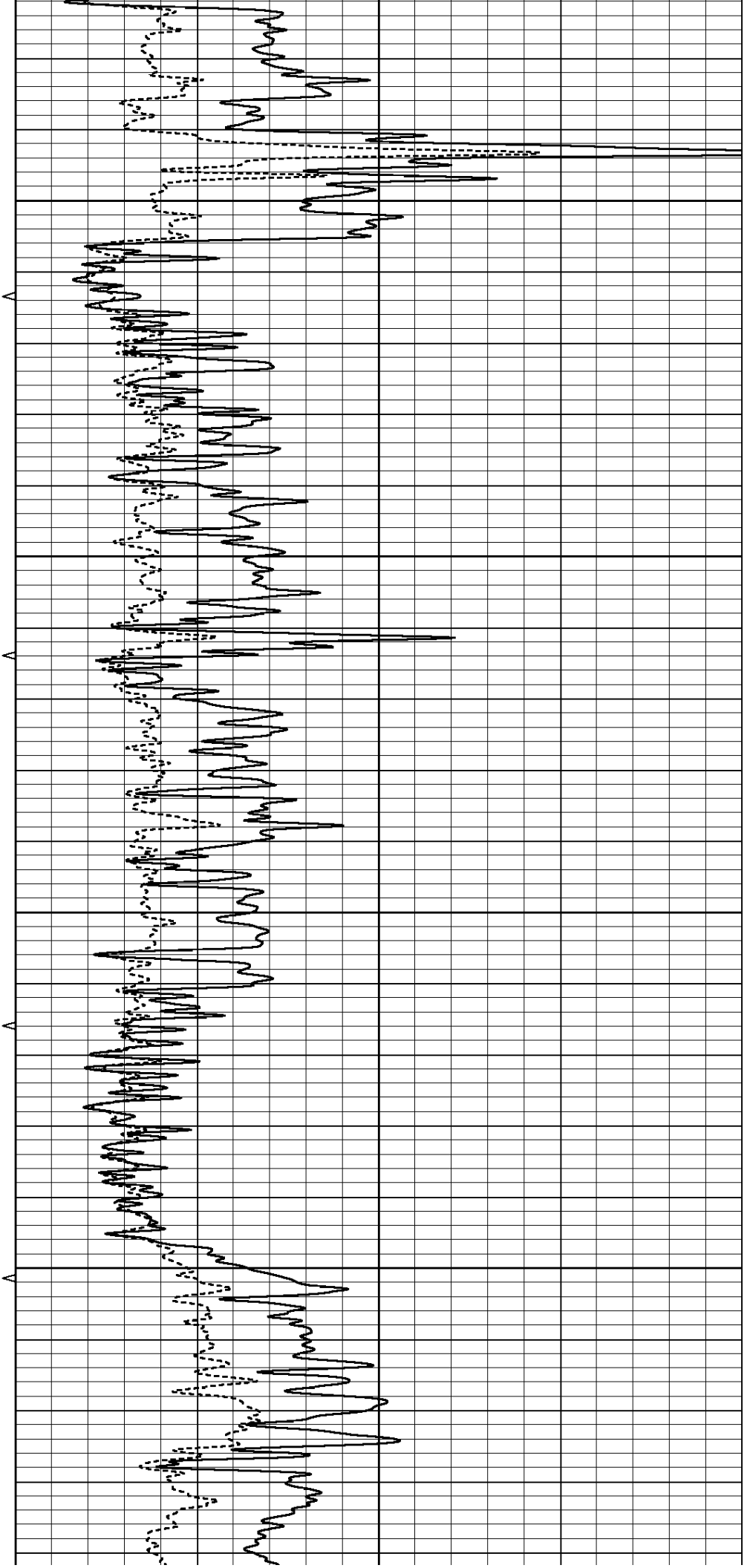


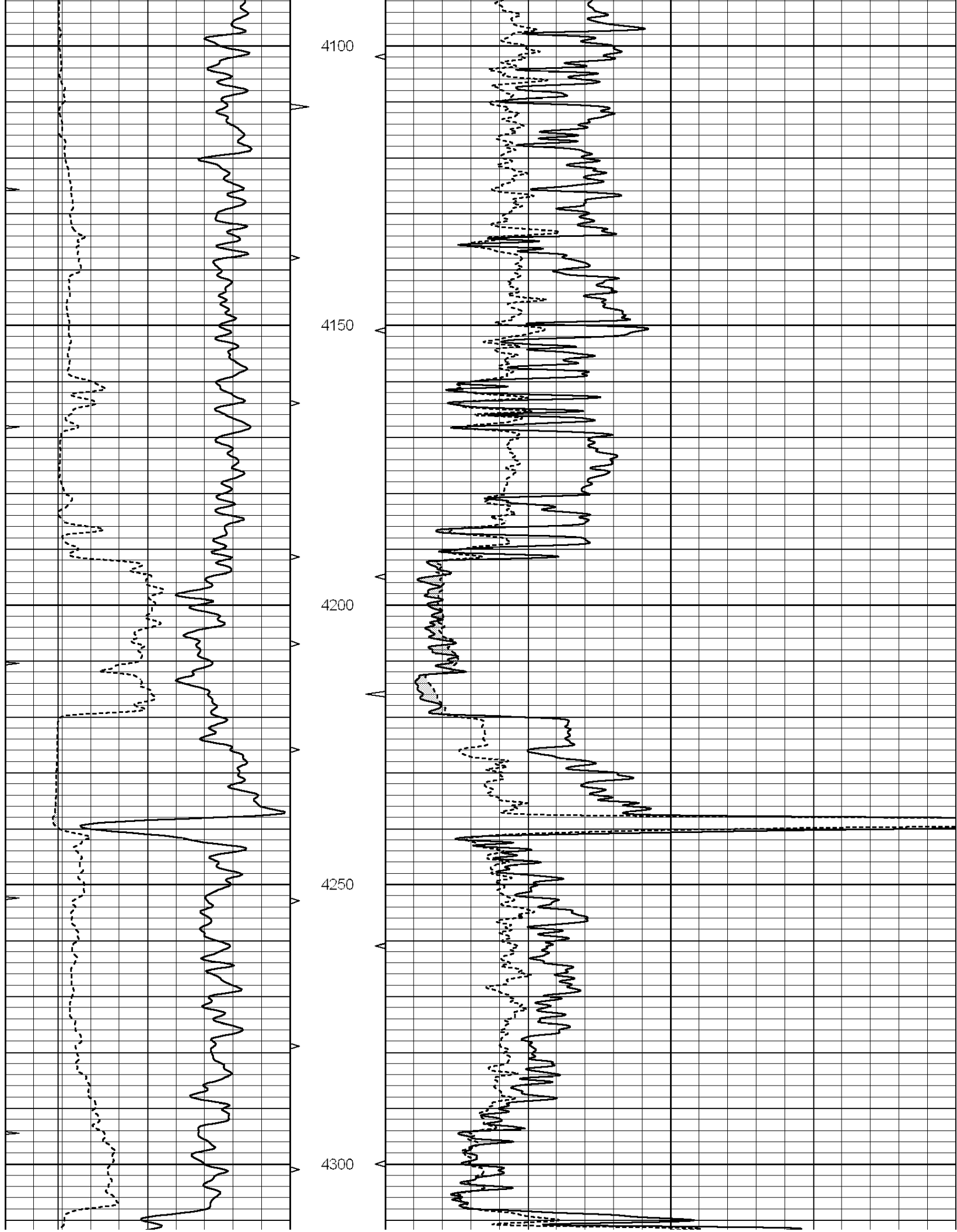
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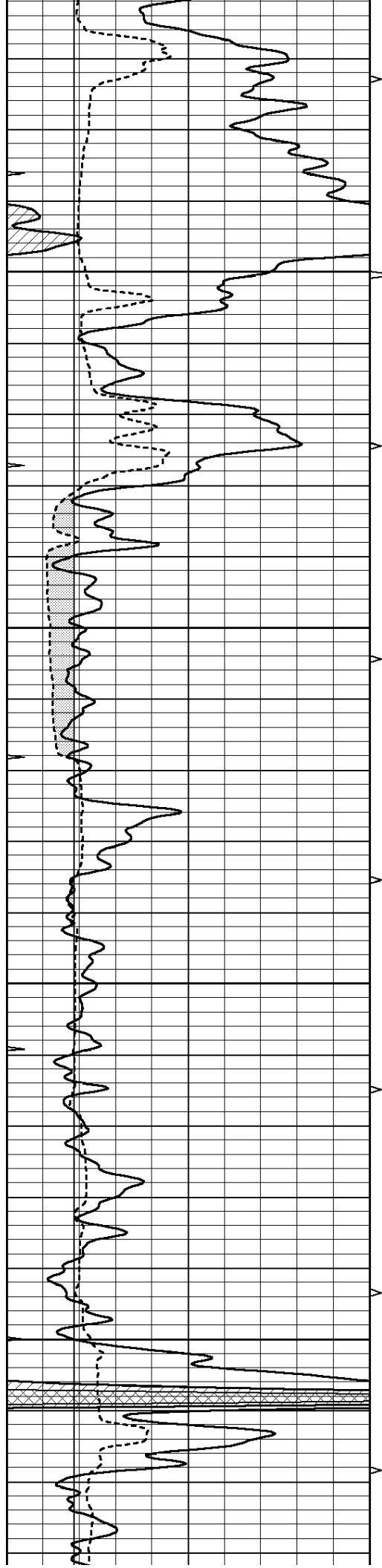
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4000

4050





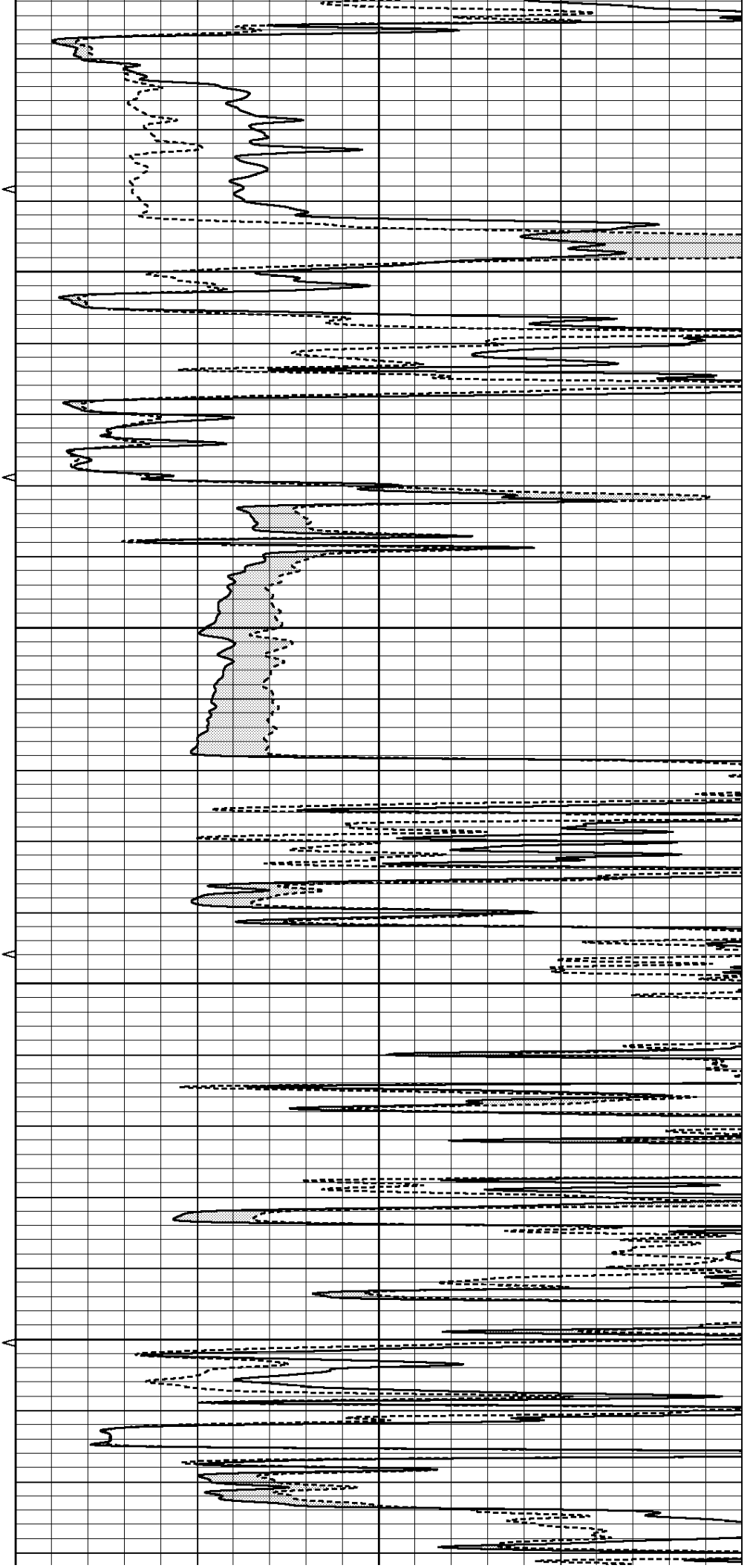


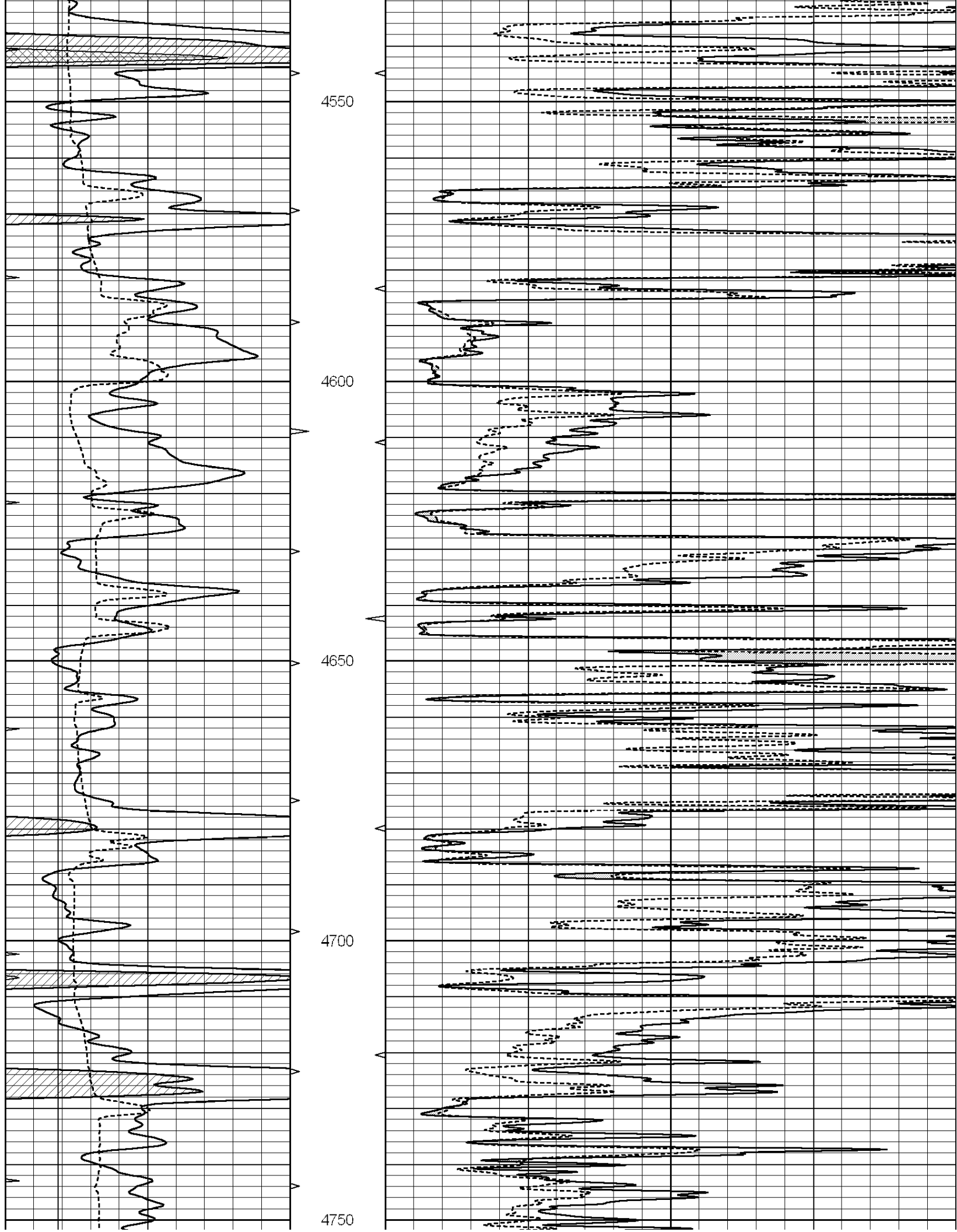
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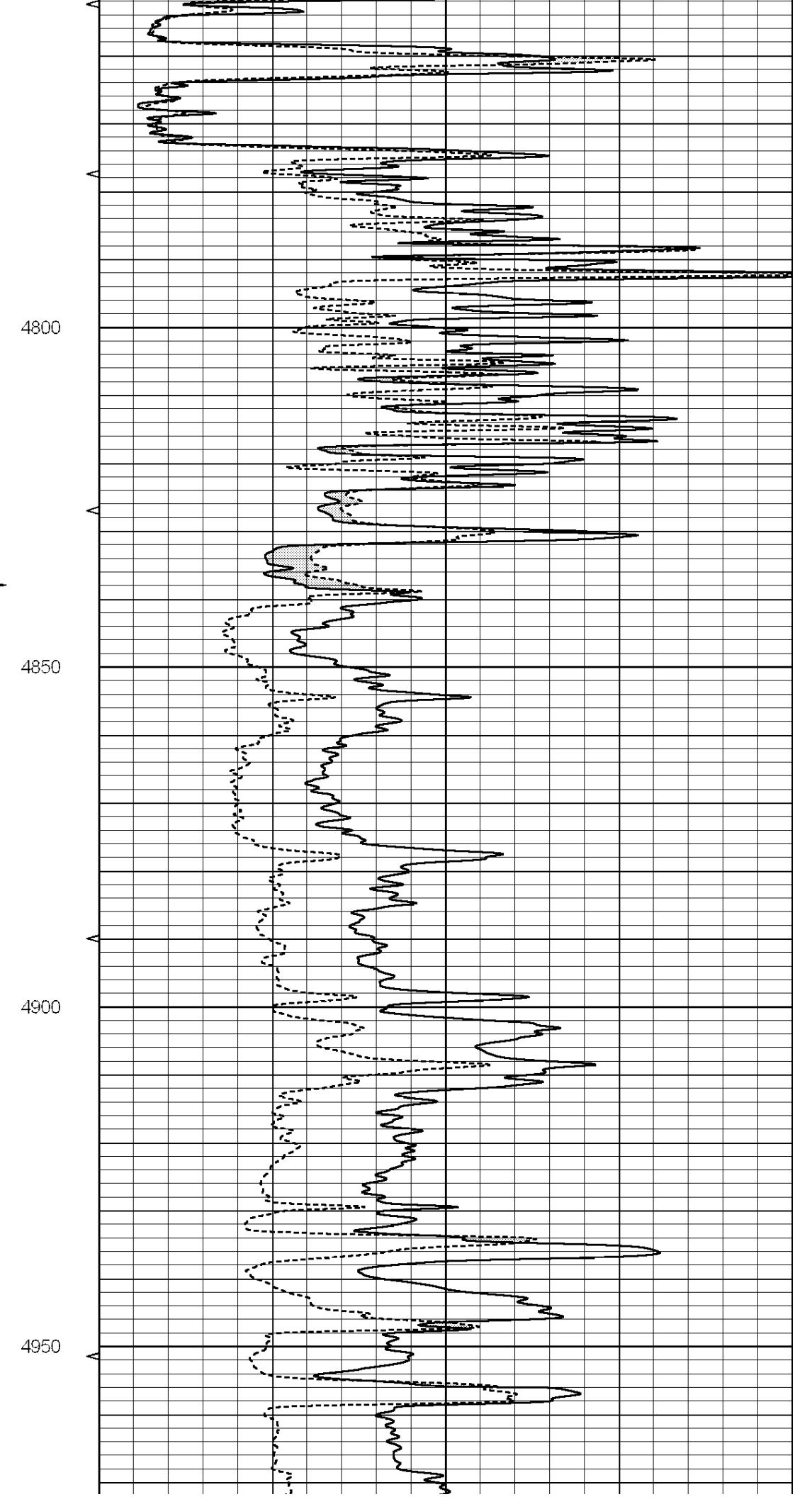
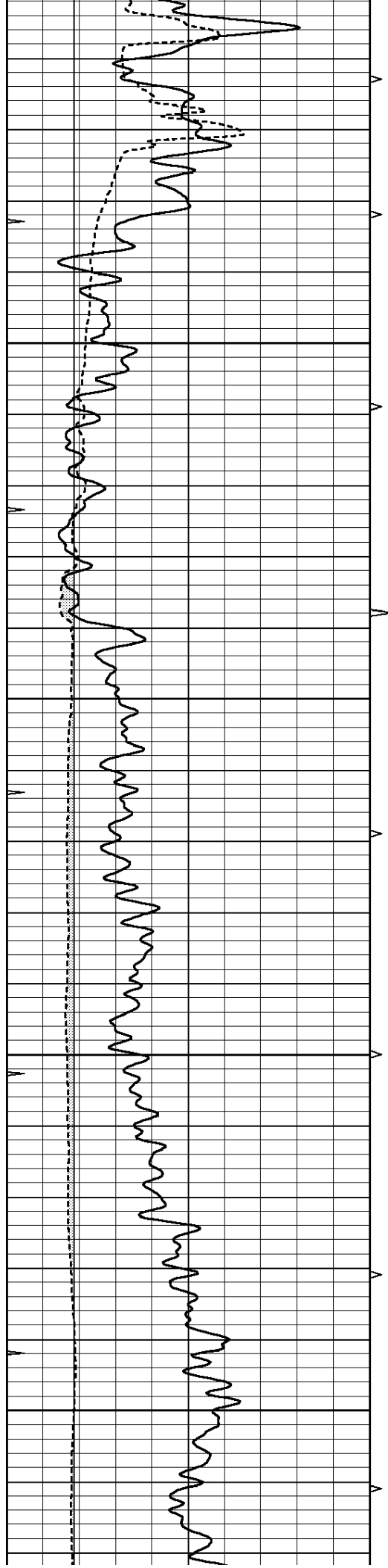
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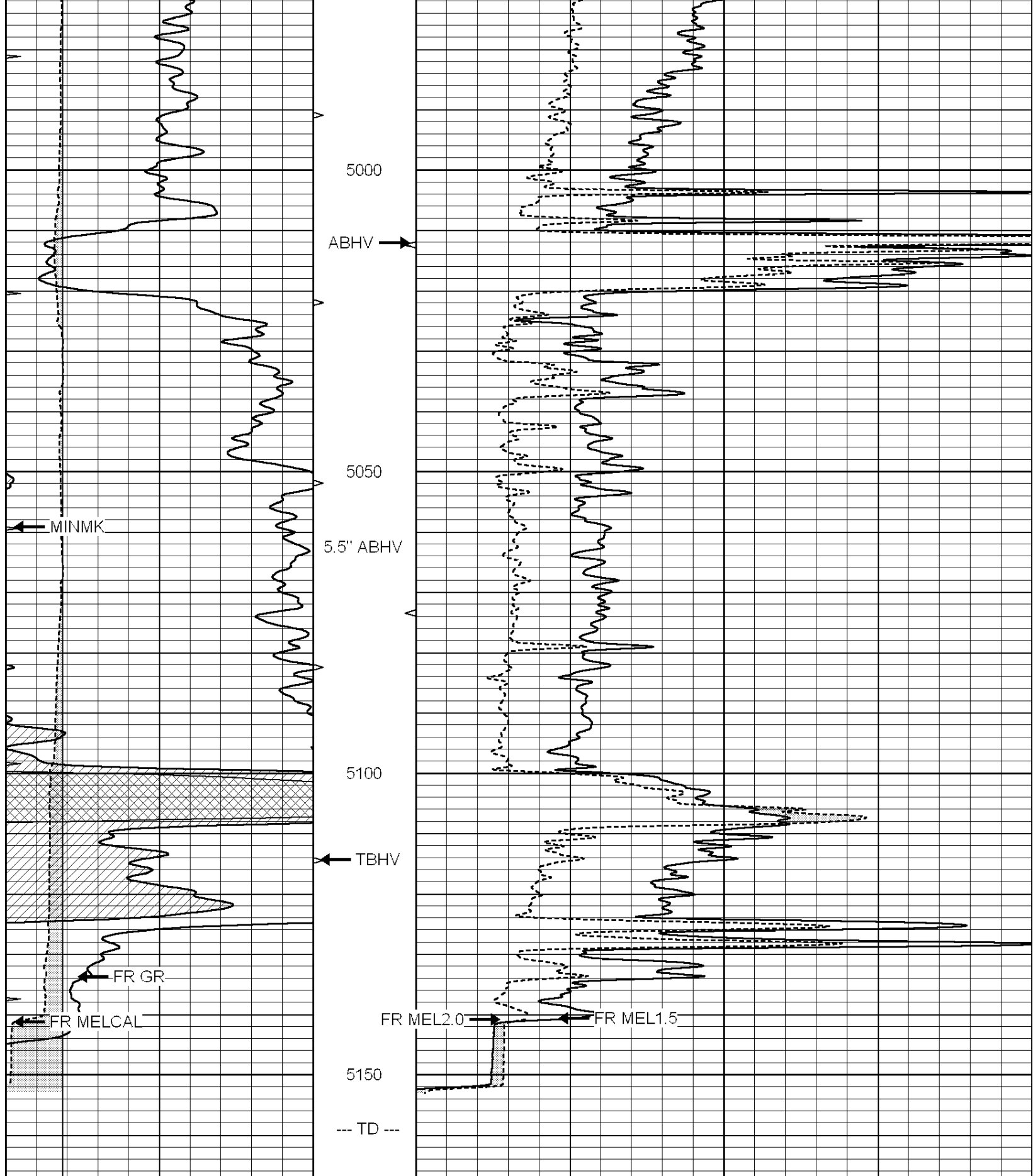
4450

4500









0	GAMMA RAY (GAPI)	150	ABHV	0	MEL1.5 (Ohm-m)	40
6	CALIPER (in)	16	10 (ft3)	0	MEL2.0 (Ohm-m)	40
0	MINMK	20	TBHV			
			0 (ft3)	10		

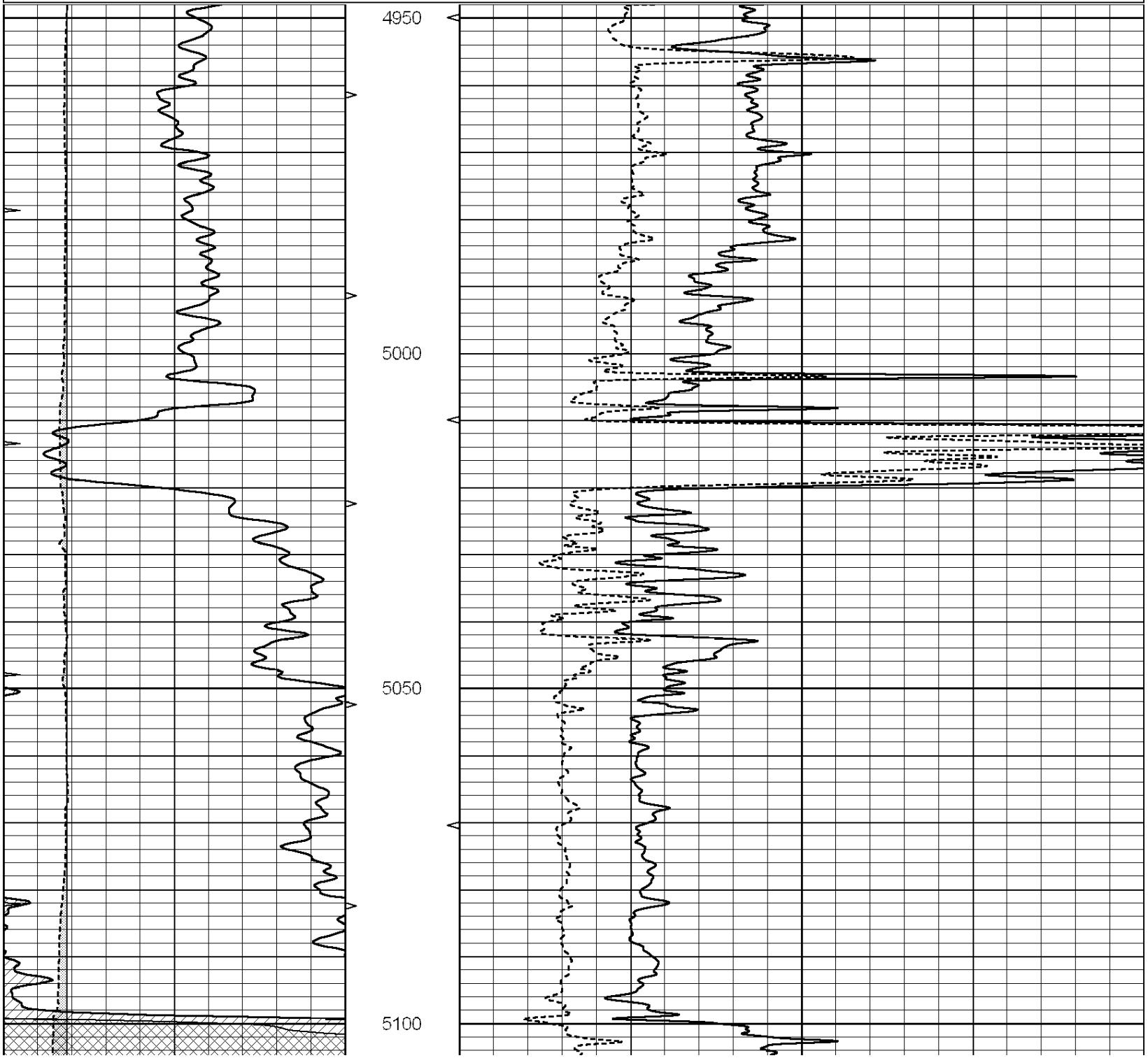


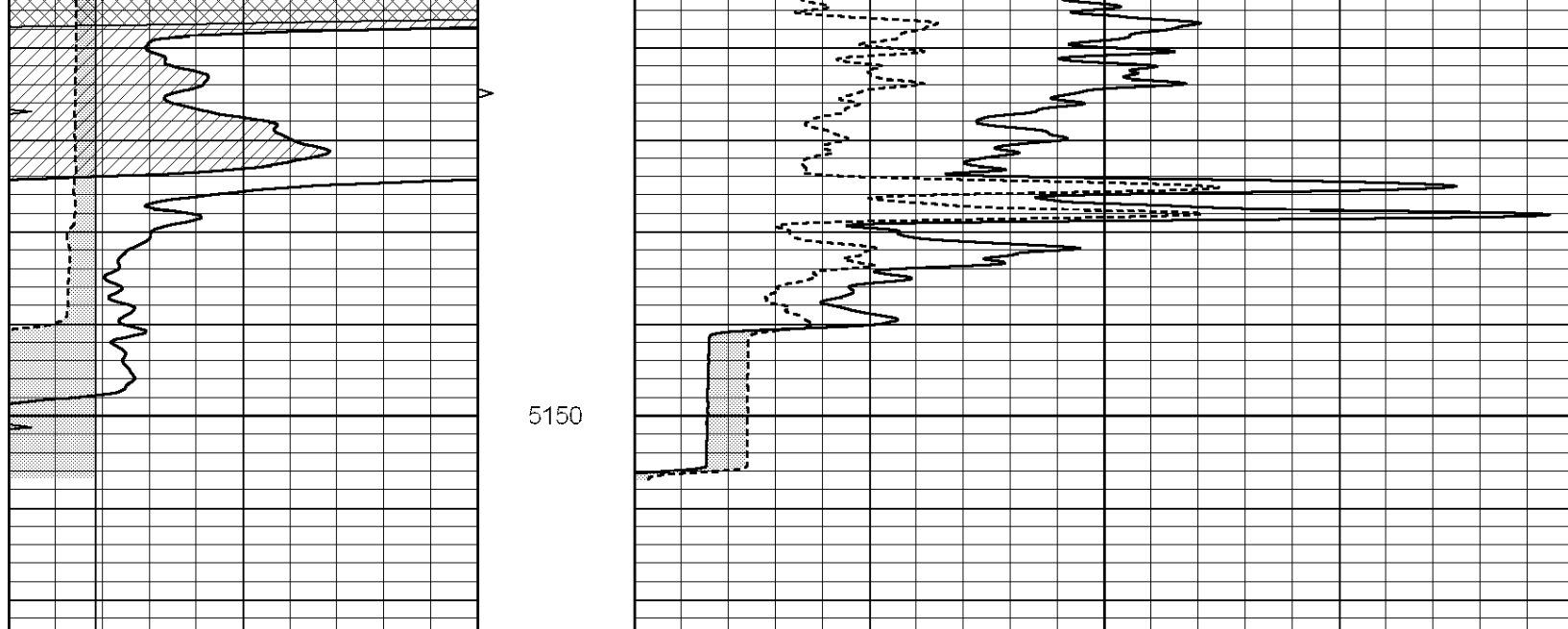
SUPERIOR
Hays,
Kansas

REPEAT SECTION

Database File: 005639pdm.db
 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)	40
6	CALIPER (in)	16	10 (ft3)	0	MEL2.0 (Ohm-m)	40
0	MINMK	20	TBHV			
			0 (ft3)	10		





0	GAMMA RAY (GAPI)	150	ABHV	0	MEL1.5 (Ohm-m)	40
6	CALIPER (in)	16	10 (ft3) 0	0	MEL2.0 (Ohm-m)	40
0	MINMK	20	TBHV			
			0 (ft3) 10			

Calibration Report

Database File: 005639pcdn.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 7.000	High Cal 12.000
Readings	5.449	8.214
1.5" Calibration:	Gain=42.000	Offset=-0.600
References	Low Cal 0.000	High Cal 20.000
Readings	0.009	1.541
2" Calibration:	Gain=38.000	Offset=0.600
References	Low Cal 0.000	High Cal 20.000
Readings	0.004	1.198

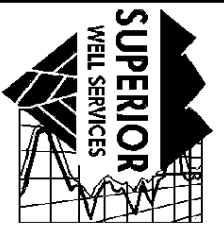
Gamma Ray Calibration Report

Serial Number:	GR5	
Tool Model:	OPEN	
Performed:	Tue Aug 10 16:17:10 2010	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps

Sensitivity:

0.6400

GAPI/cps



SUPERIOR
Hays,
Kansas

COMPENSATED
DENSITY / NEUTRON
PE LOG

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

Company LOTUS OPERATING CO., 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
 Permanent Datum GROUND LEVEL Elevation 1411
 Log Measured From KELLY BUSHING 9' A.G.L.
 Drilling Measured From KELLY BUSHING
 Other Services
 DIL
 SONIC/MEL
 Elevation
 K.B. 1420
 D.F.
 G.L. 1411

Date	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
pH / Fluid Loss	10.0 / 12.4
Source of Sample	FLOWLINE
Rm @ Meas. Temp	.60 @ 93F
Rmf @ Meas. Temp	0.45 @ 93F
Rmc @ Meas. Temp	0.72 @ 93F
Source of Rmf / Rmc	MEASURED
Rm @ 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 >>>

All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

Comments

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

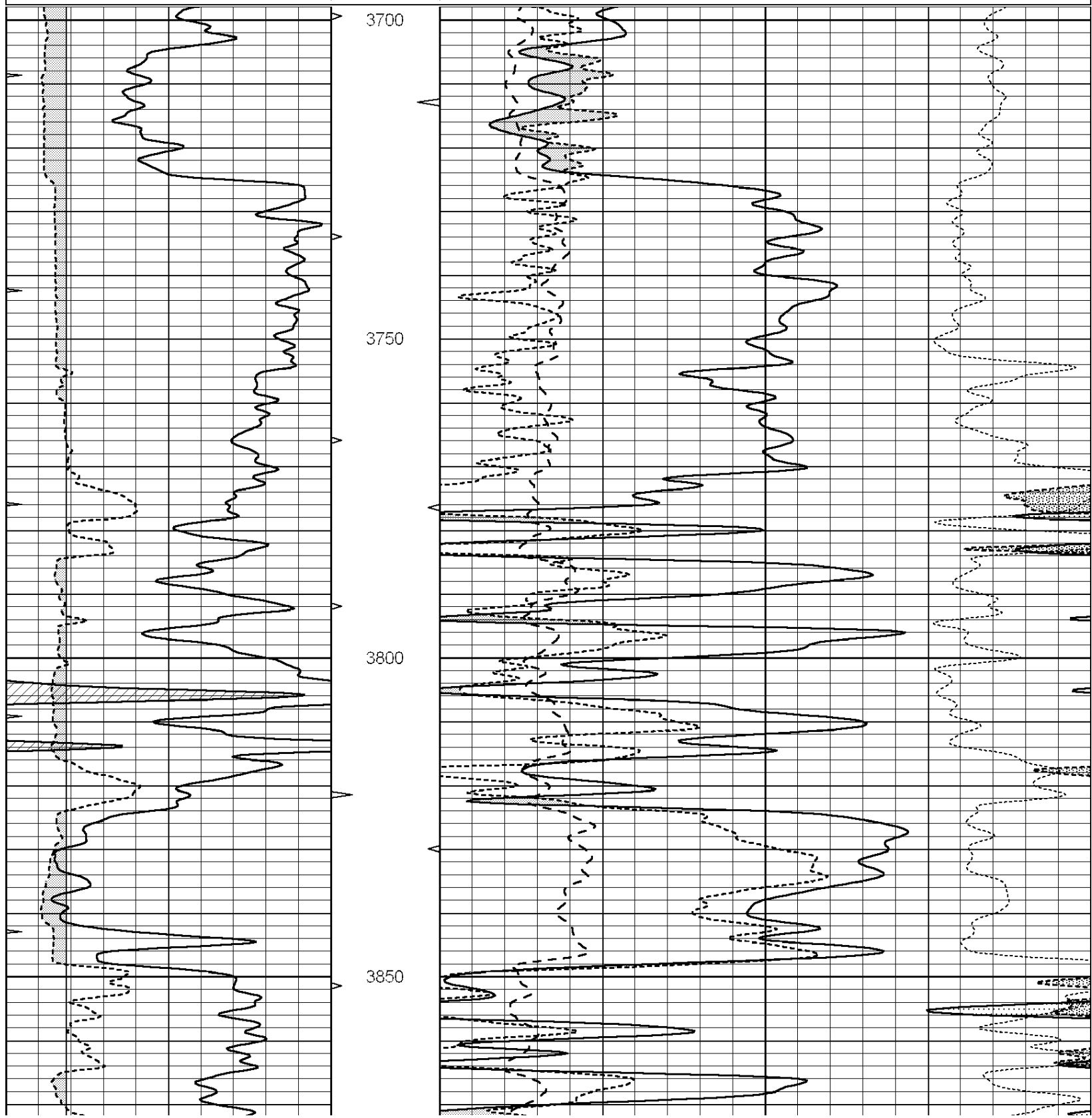


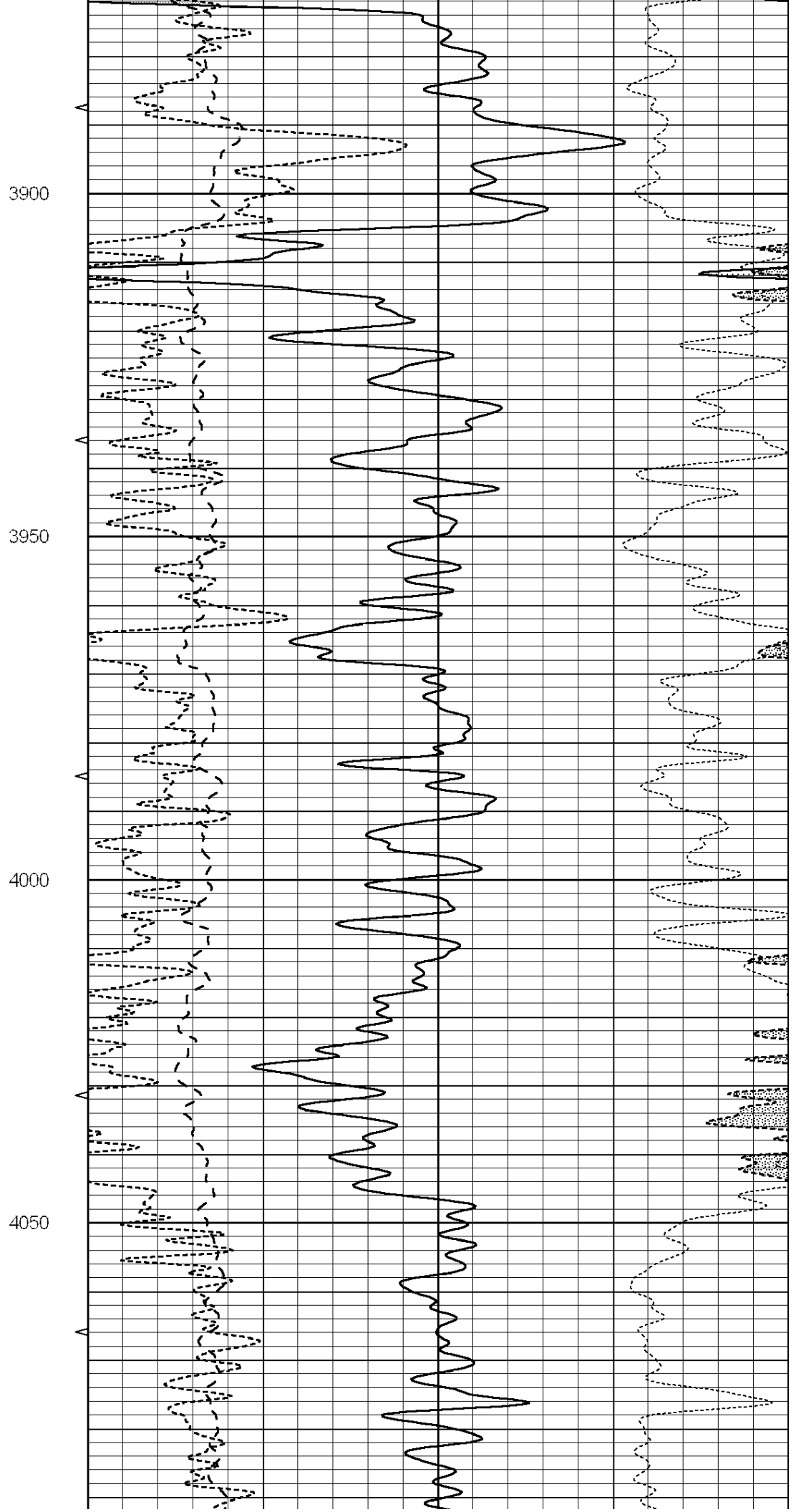
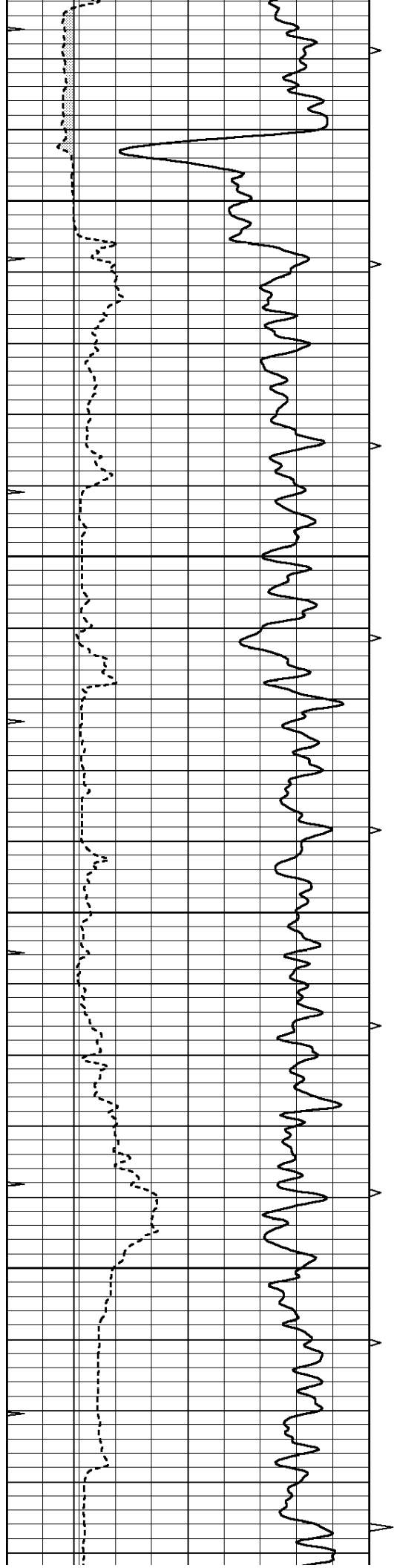
SUPERIOR
Hays,
Kansas

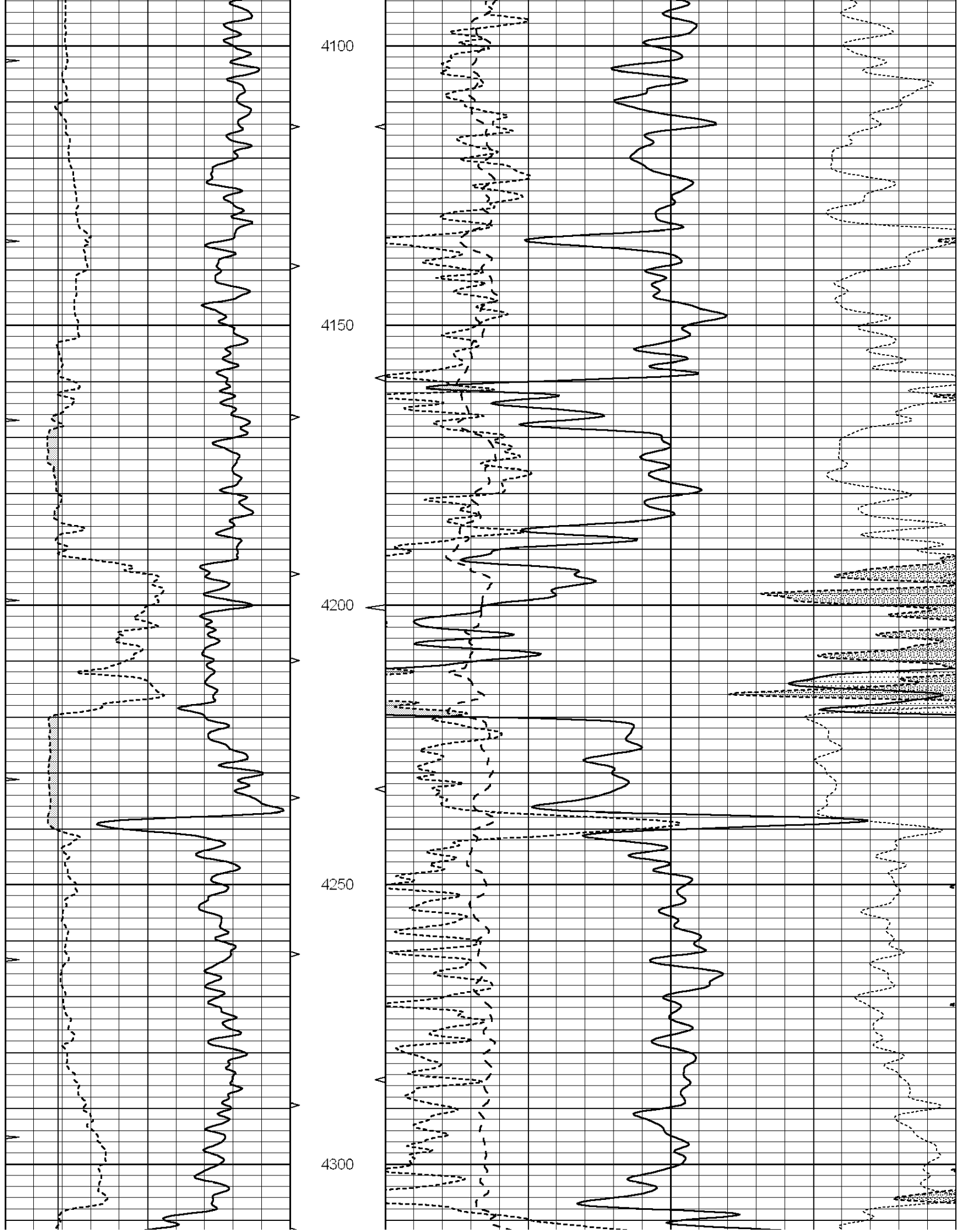
MAIN SECTION

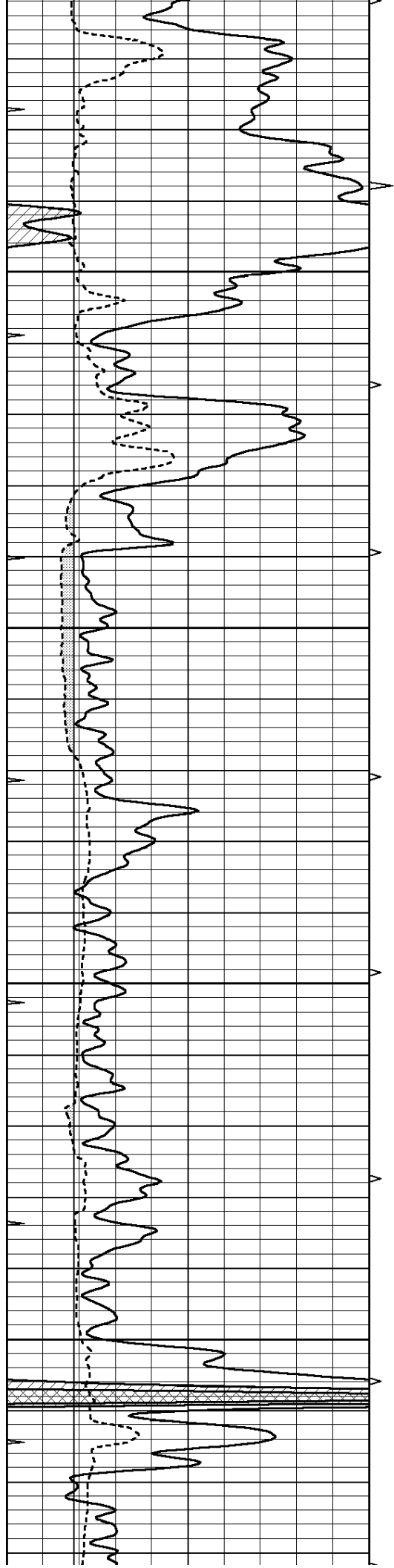
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 Dataset Pathname: pass3.2A
 Presentation Format: ldt_neu
 Dataset Creation: Tue Aug 10 16:08:07 2010 by Calc Open-Cased 090629
 Charted by: Depth in Feet scaled 1:240

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







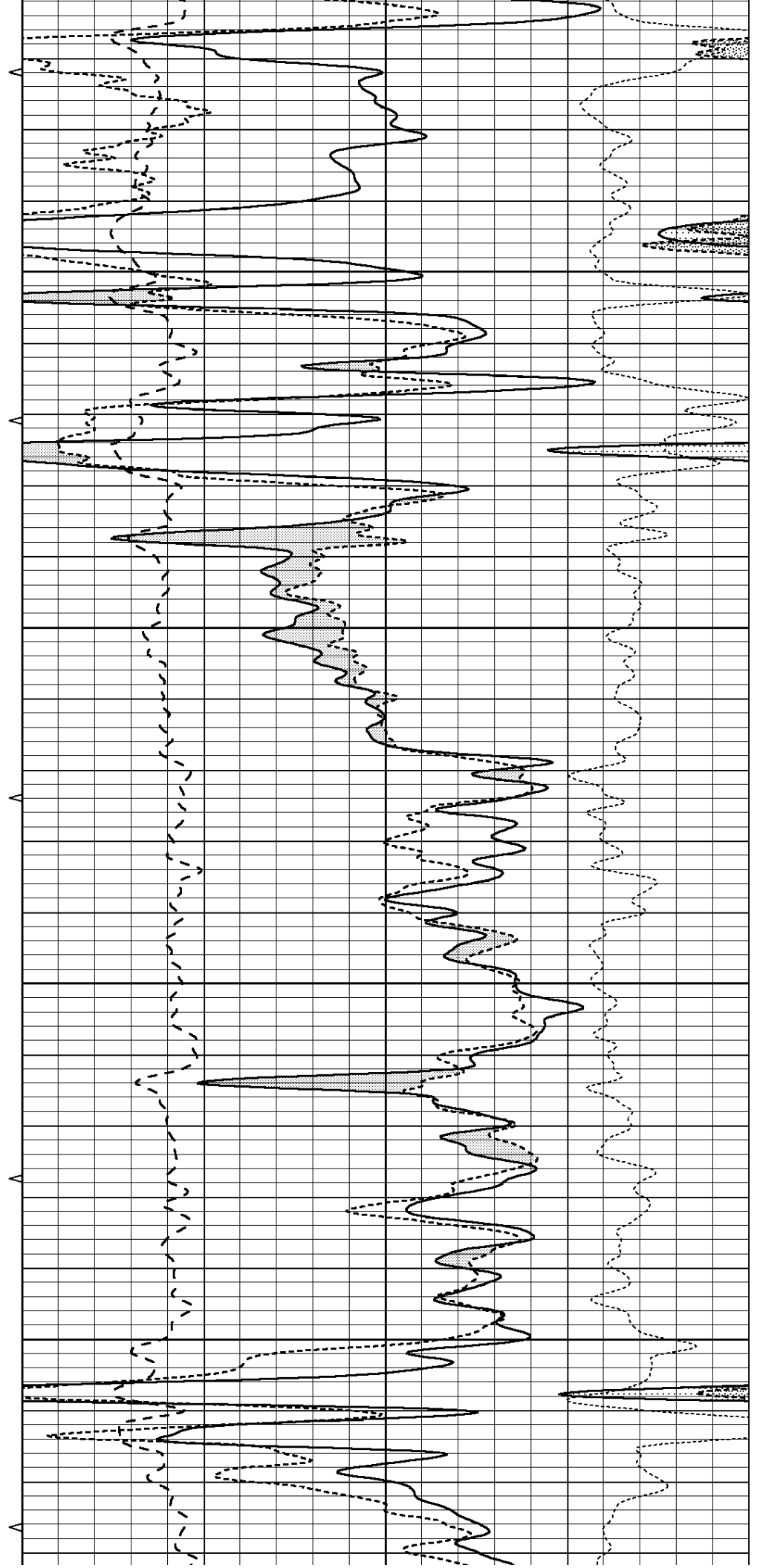


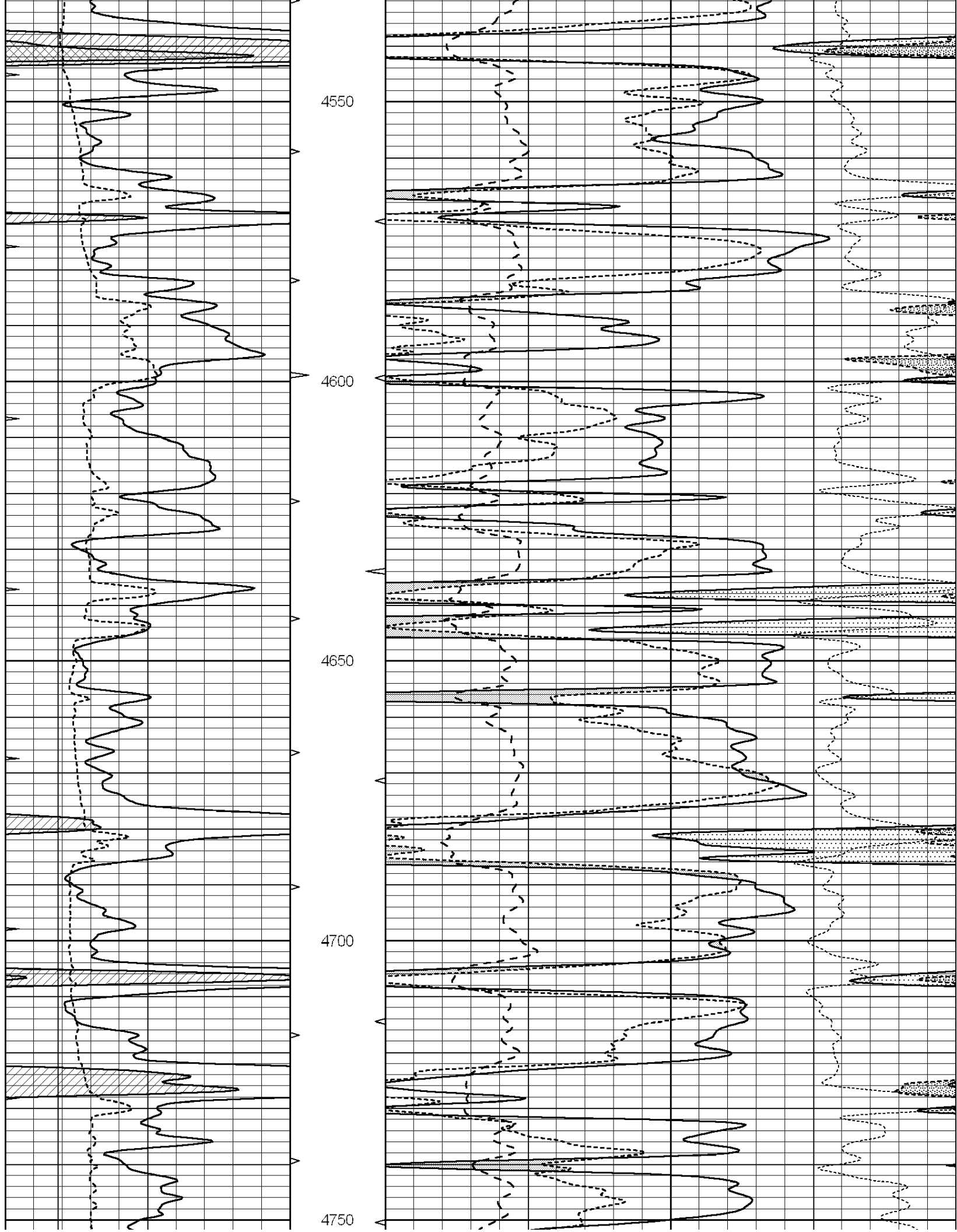
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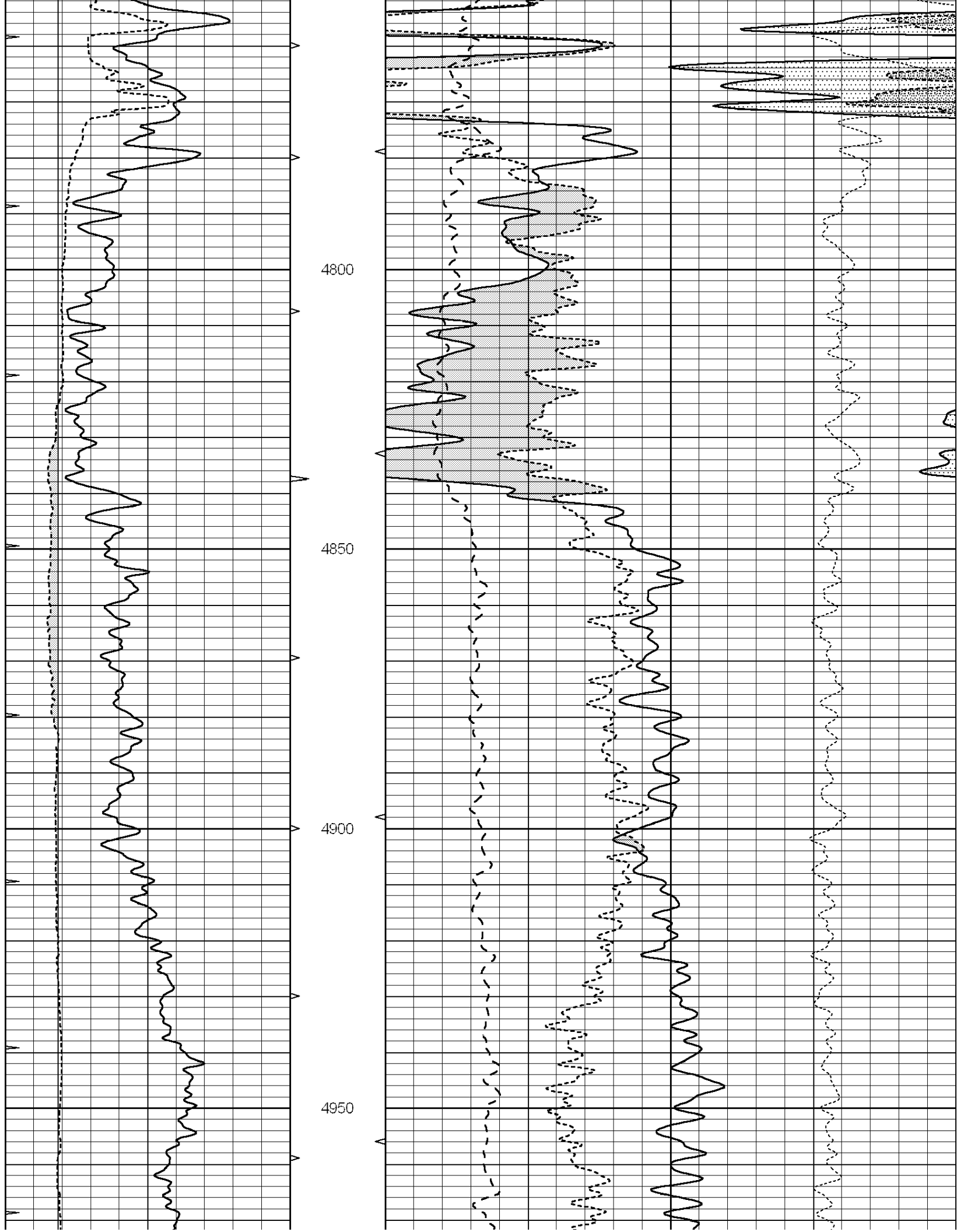
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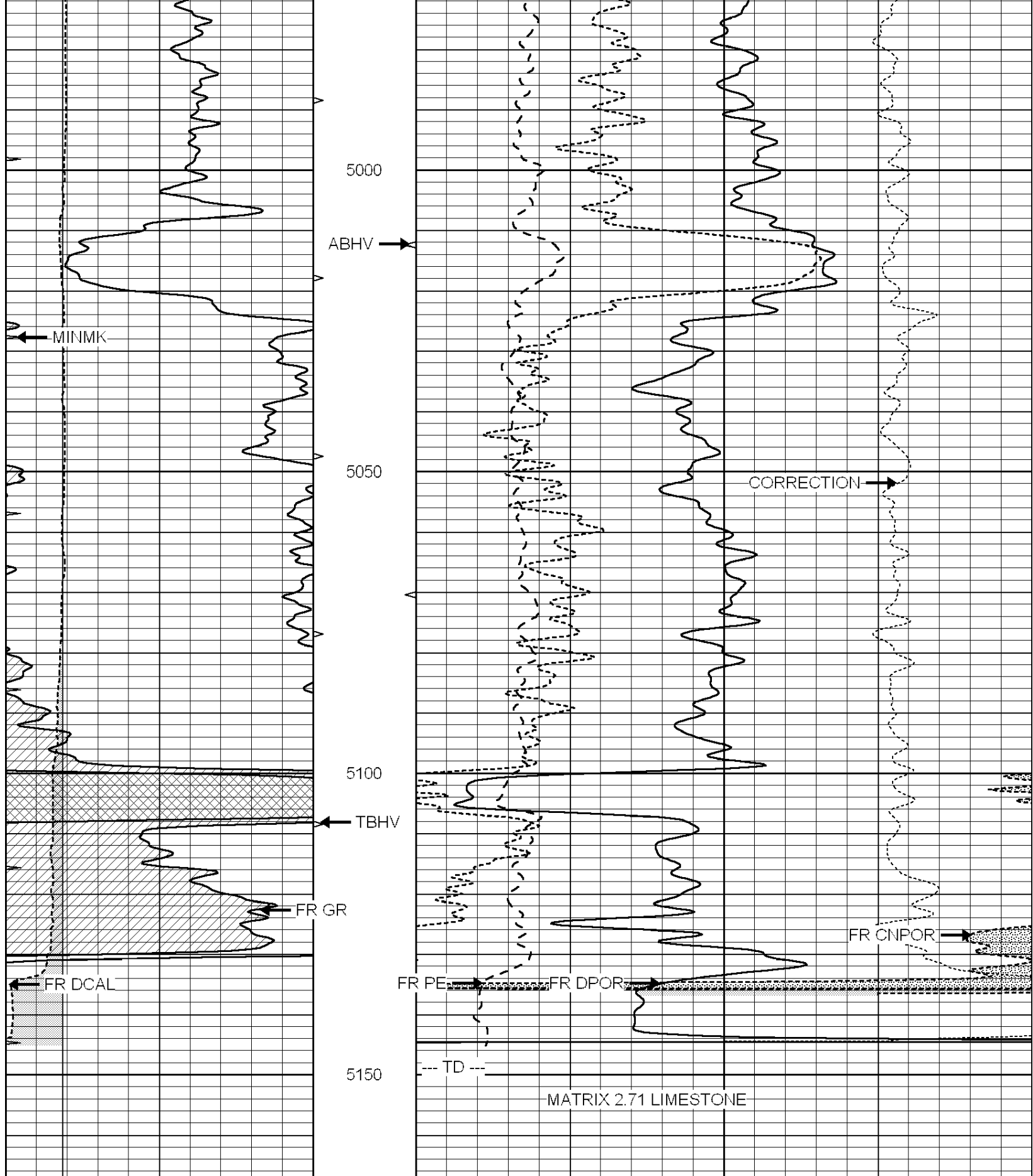
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4500









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

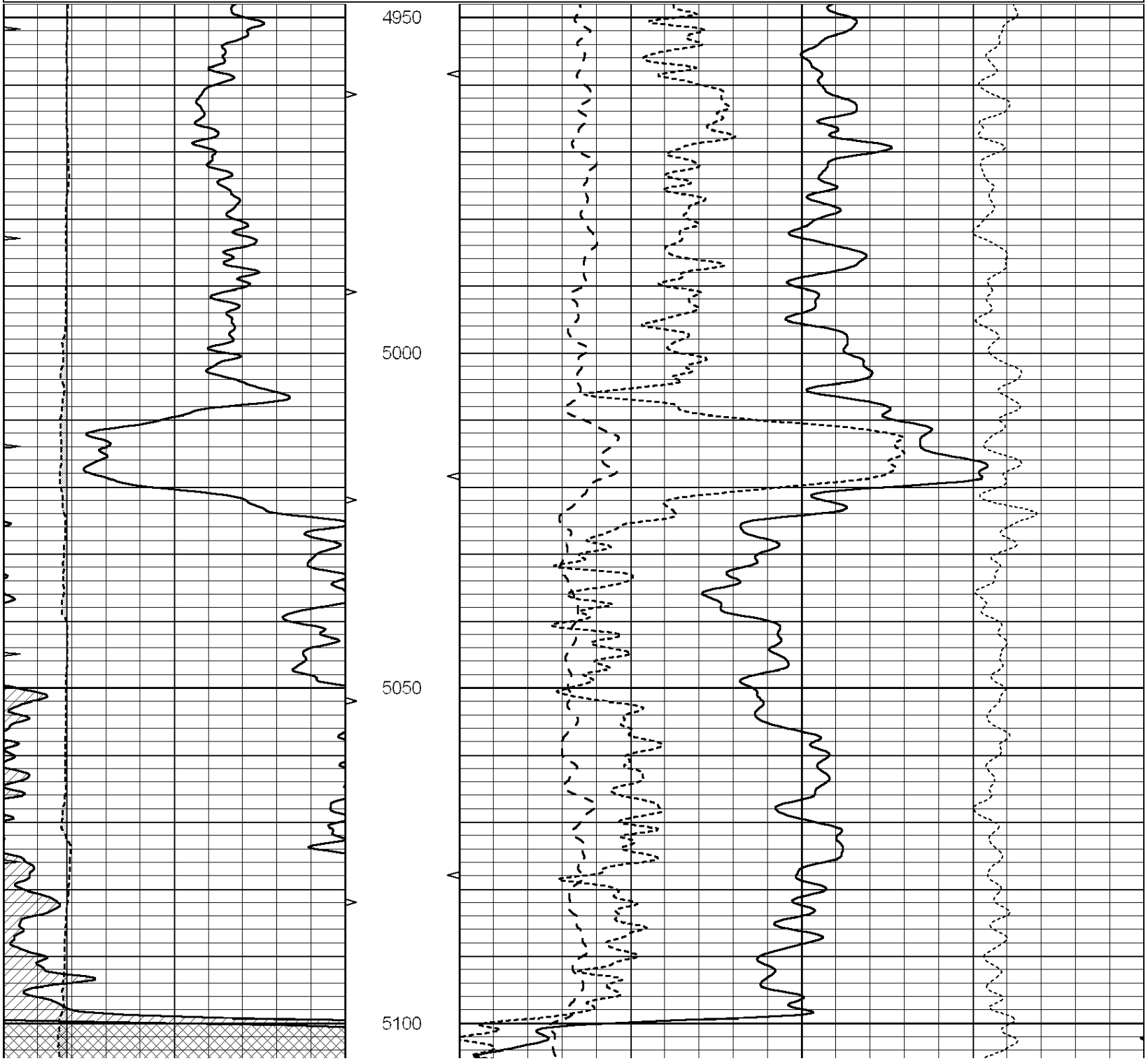


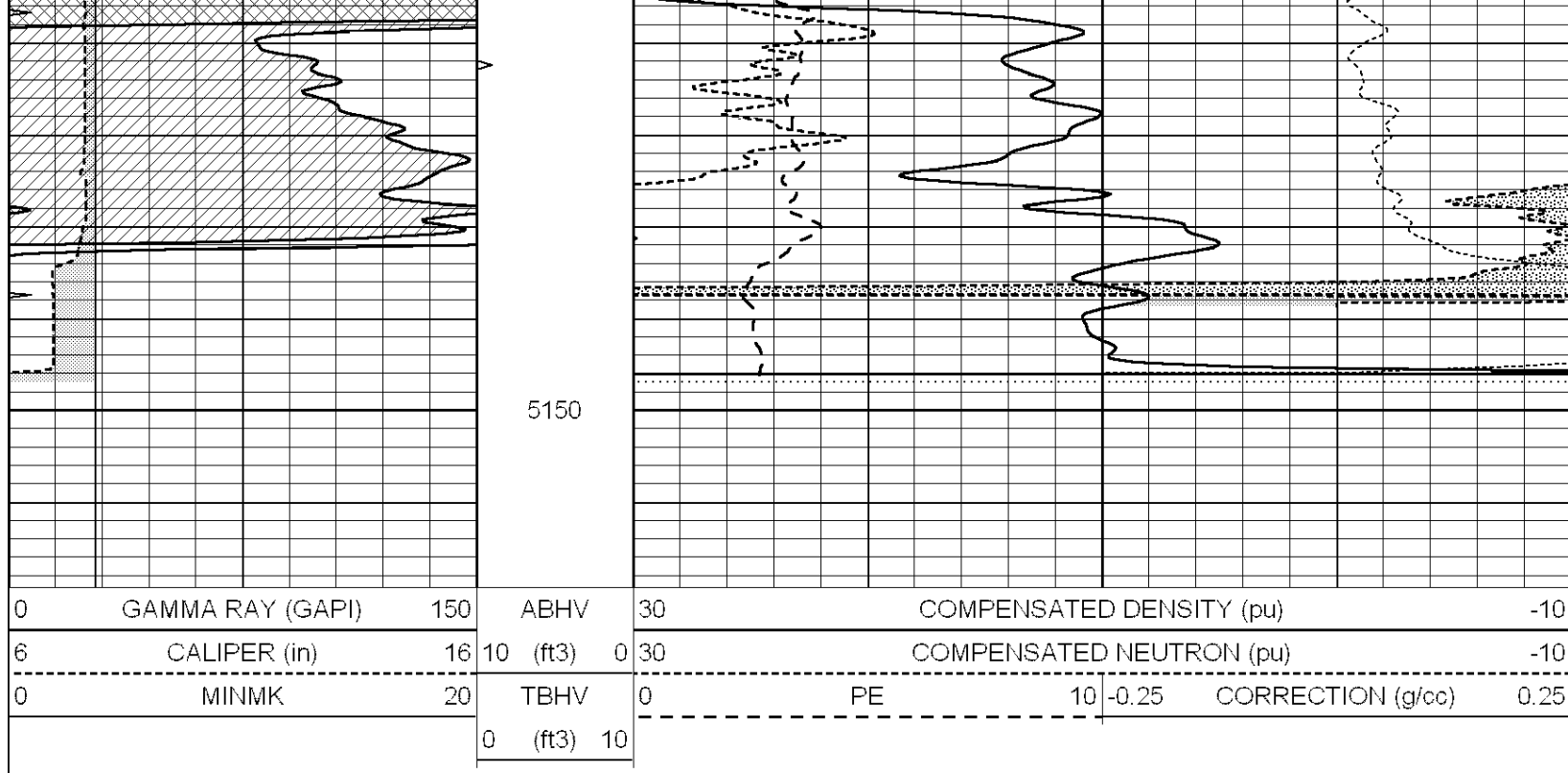
SUPERIOR
Hays,
Kansas

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)	-10
6	CALIPER (in)	16	10 (ft3)	0	COMPENSATED NEUTRON (pu)	-10
0	MINMK	20	TBHV	0	PE	10 -0.25 CORRECTION (g/cc) 0.25
			0 (ft3)	10		





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

Epine Angle: 1.0: 1 Epine Slope: 1.0: 0.000 Epine Intercept: 1.0: 0.0

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

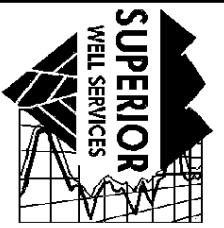
Serial Number: NEU_11
Tool Model: G

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**

**SONIC
LOG**

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

Company LOTUS OPERATING CO., 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
Permanent Datum GROUND LEVEL Elevation 1411
Log Measured From KELLY BUSHING 9' A.G.L.
Drilling Measured From KELLY BUSHING
Other Services
CDL/CNL/PE
MICRO/DIL
Elevation
K.B. 1420
D.F.
G.L. 1411

Date	8-10-10
Run Number	TW0
Depth Driller	5160
Depth Logger	5159
Bottom Logged Interval	5151
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
pH / Fluid Loss	10.0 / 12.4
Source of Sample	FLOWLINE
Rm @ Meas. Temp	.60 @ 93F
Rmf @ Meas. Temp	0.45 @ 93F
Rmc @ Meas. Temp	0.72 @ 93F
Source of Rmf / Rmc	MEASURED
Rm @ 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.

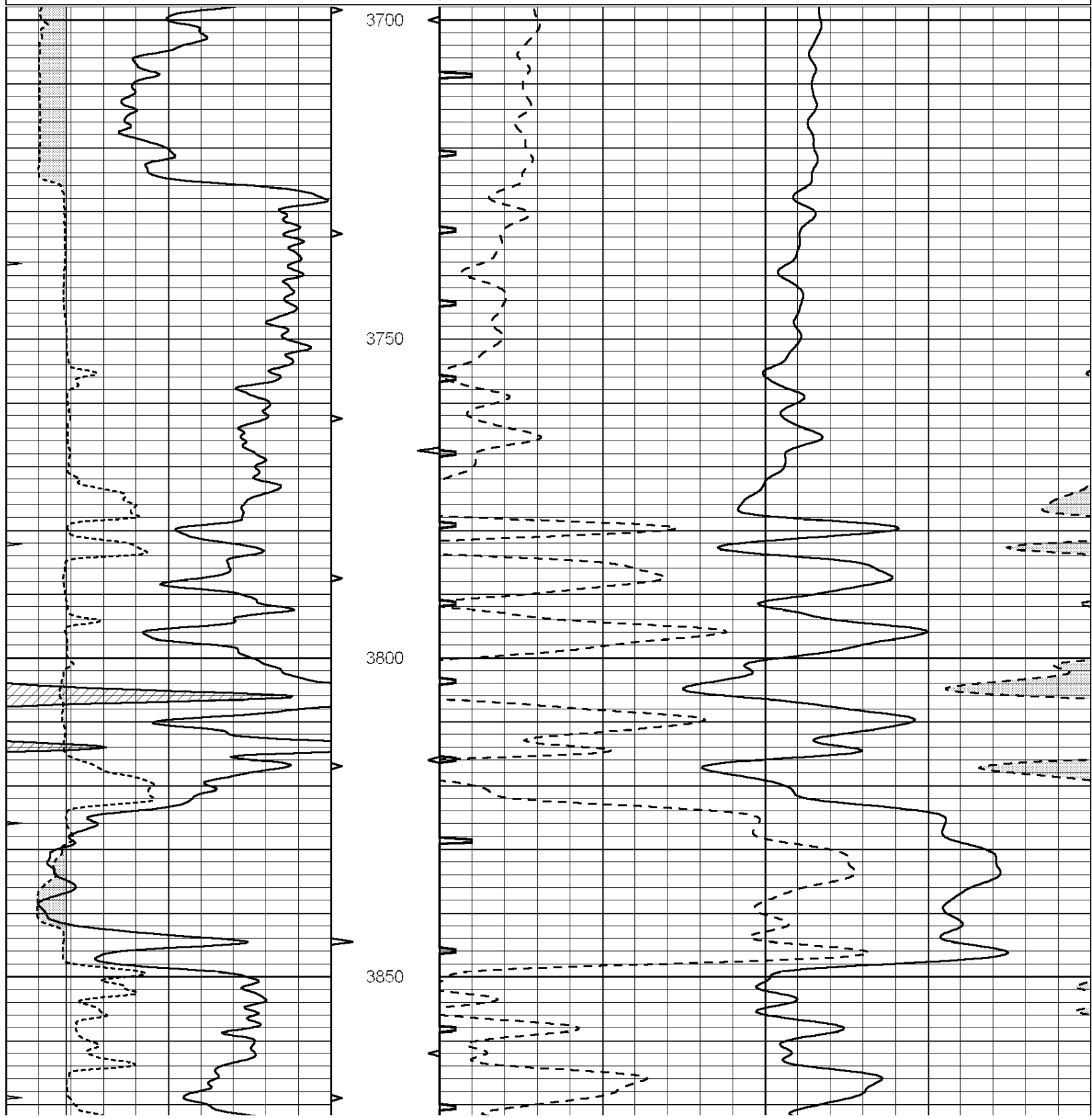


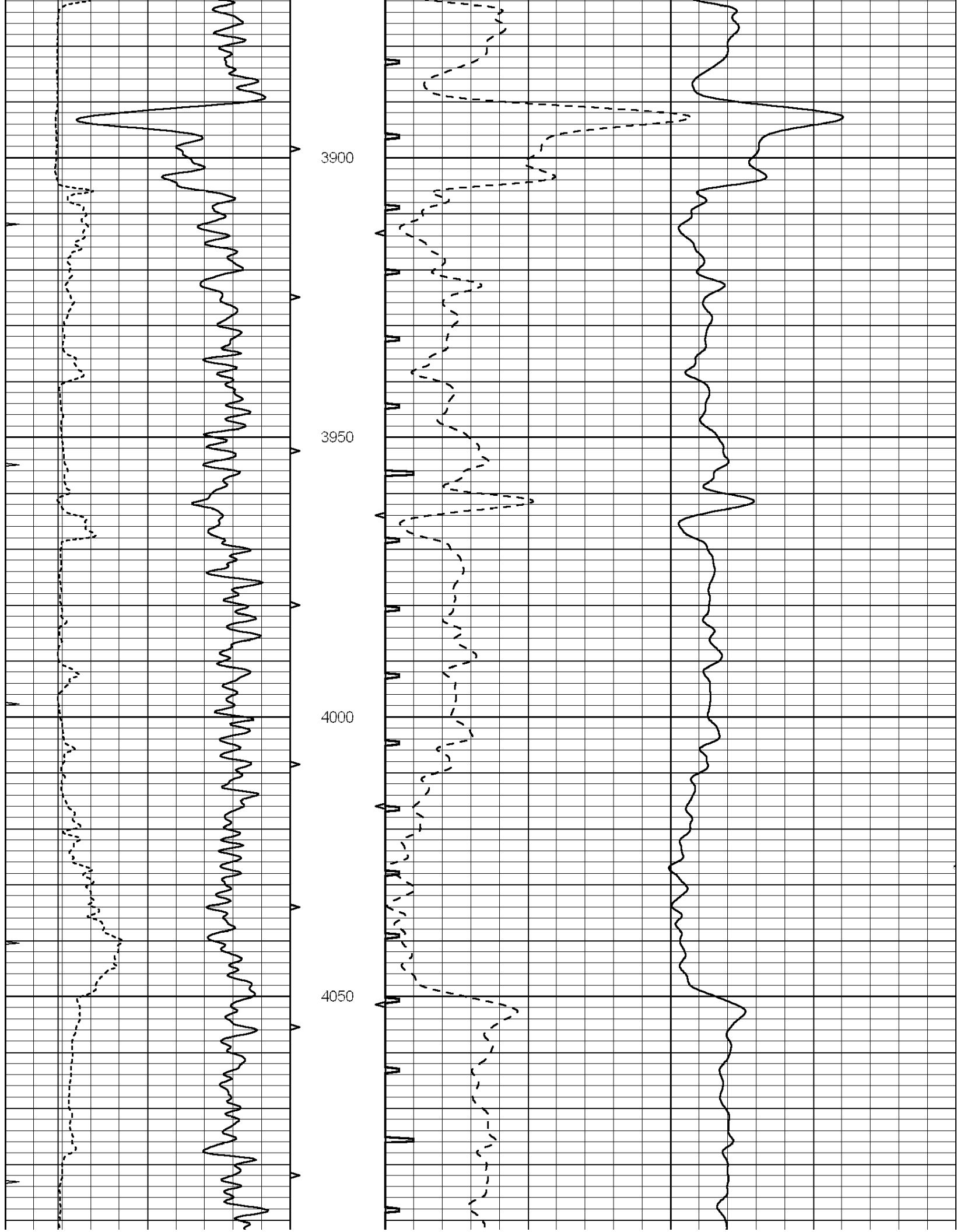
**SUPERIOR
Hays,
Kansas**

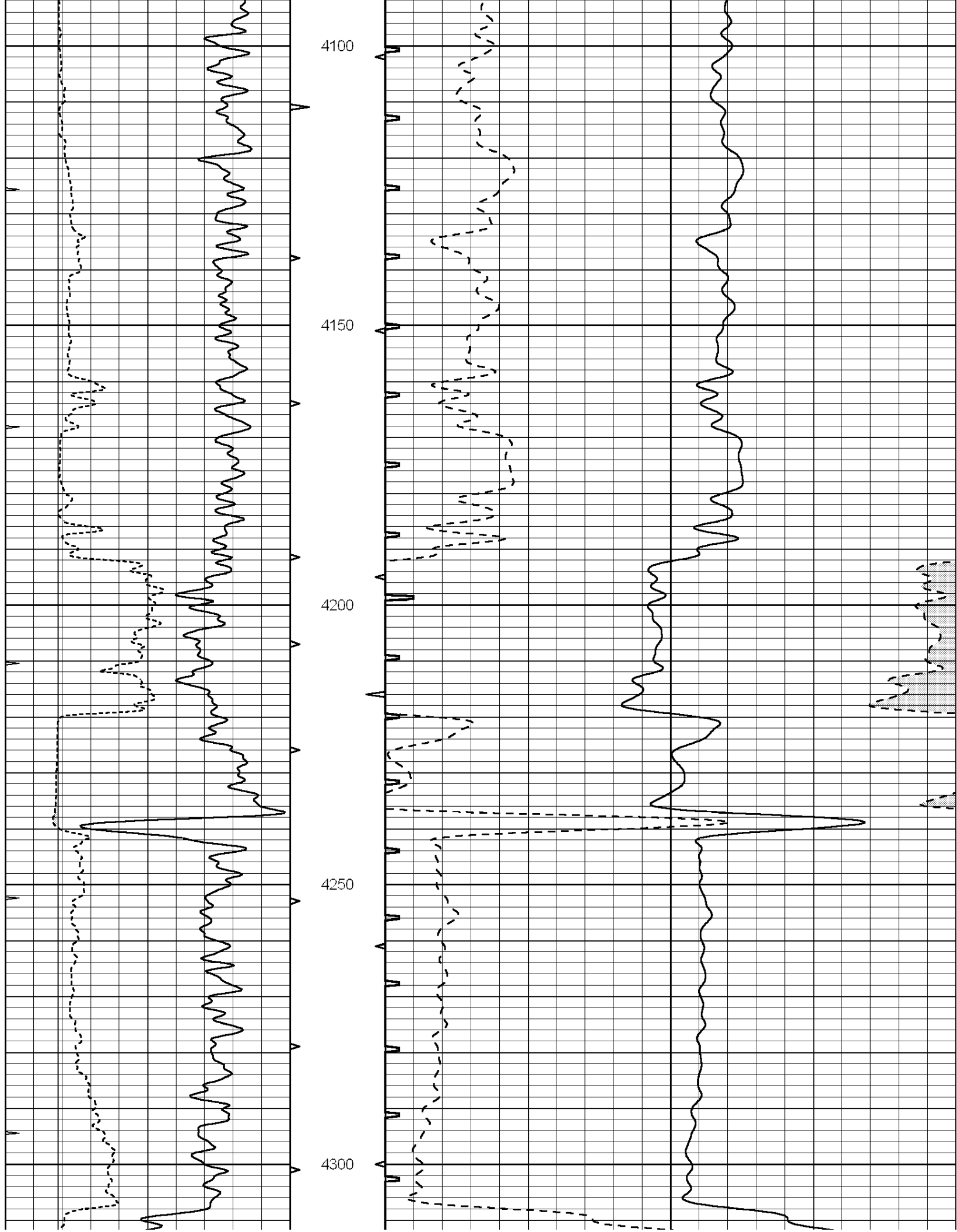
MAIN SECTION

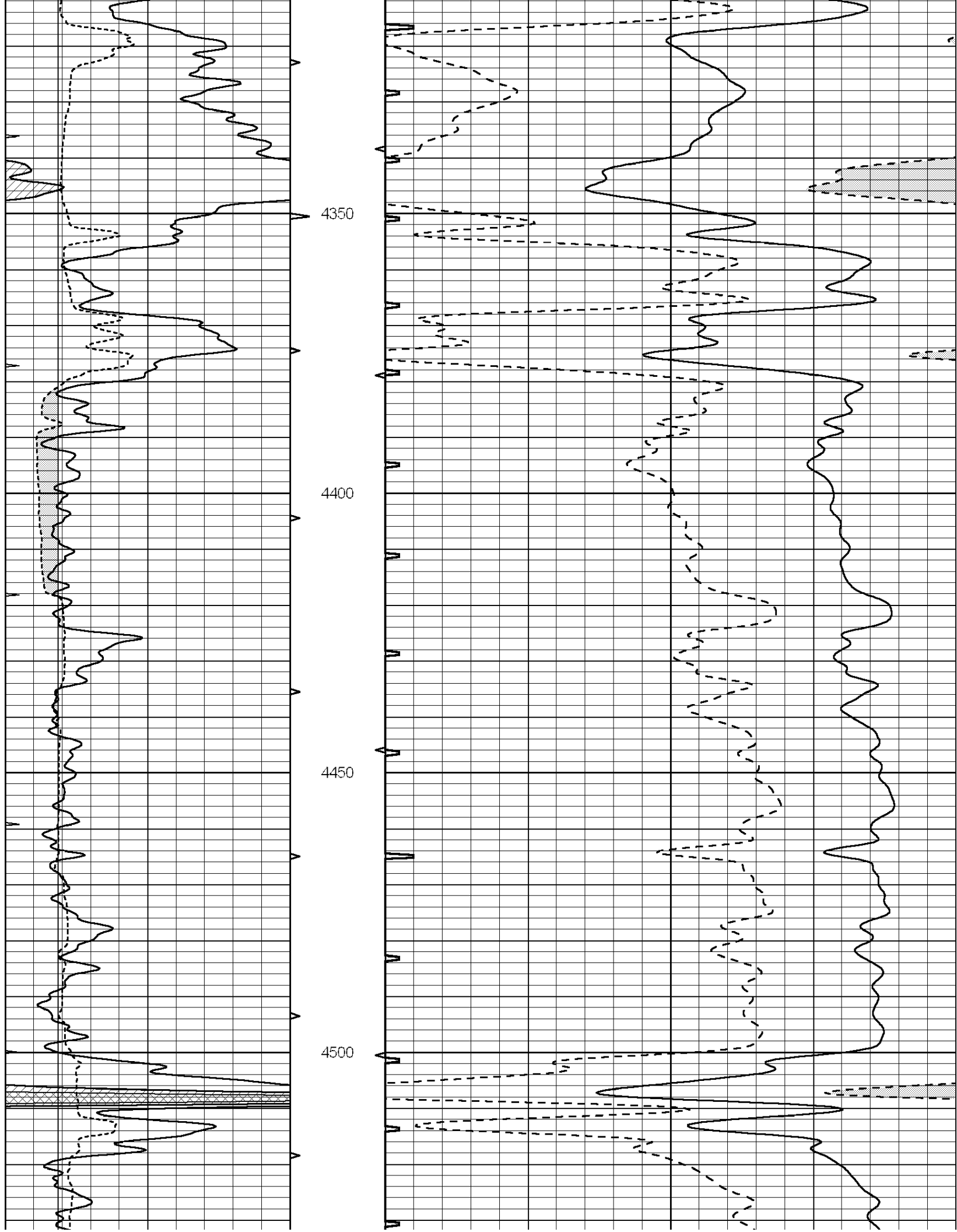
Database File: 005639pdn.db
 Dataset Pathname: pass5.2
 Presentation Format: slt
 Dataset Creation: Tue Aug 10 18:14:52 2010
 Charted by: Depth in Feet scaled 1:240

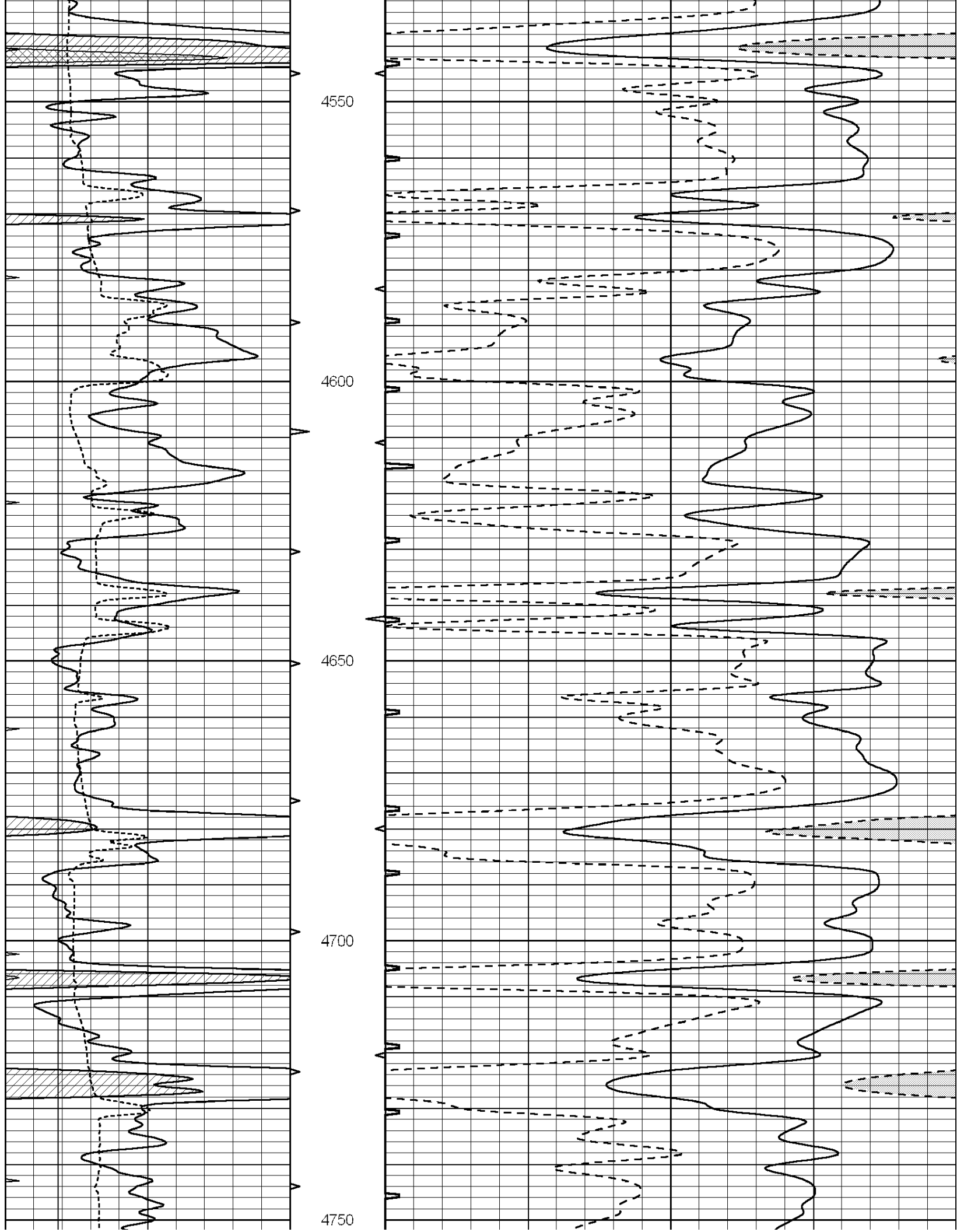
0	GAMMA RAY (GAPI)	150	ABHV	140	DELTA TIME (usec/ft)	40
6	CALIPER (in)	16	10 (ft3)	0 30	SONIC POROSITY (pu)	-10
0	MINMK	20	TBHV	0	ITT (msec)	20
			0 (ft3)	10		

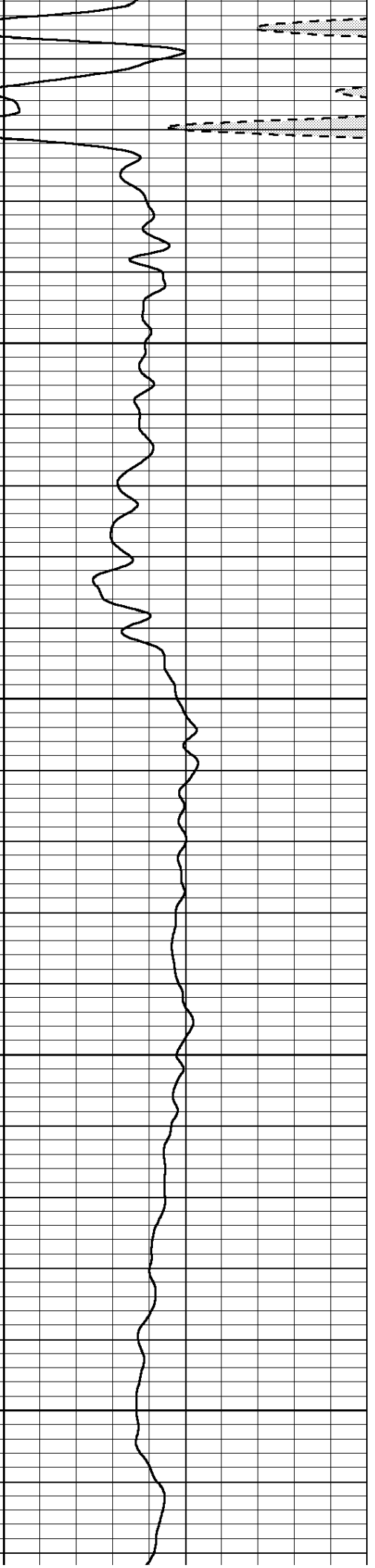
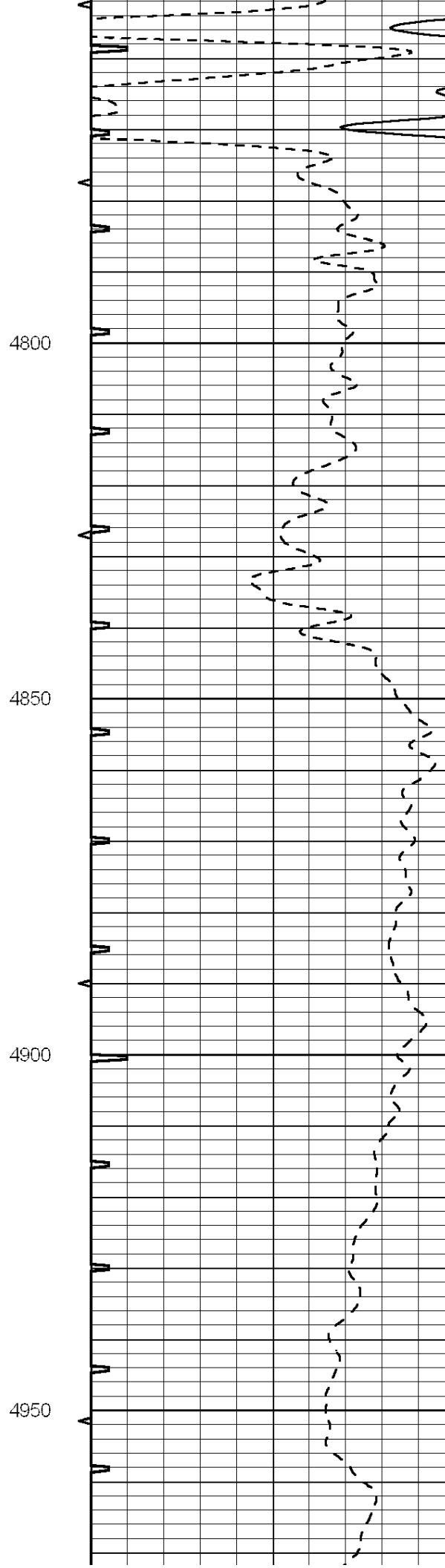
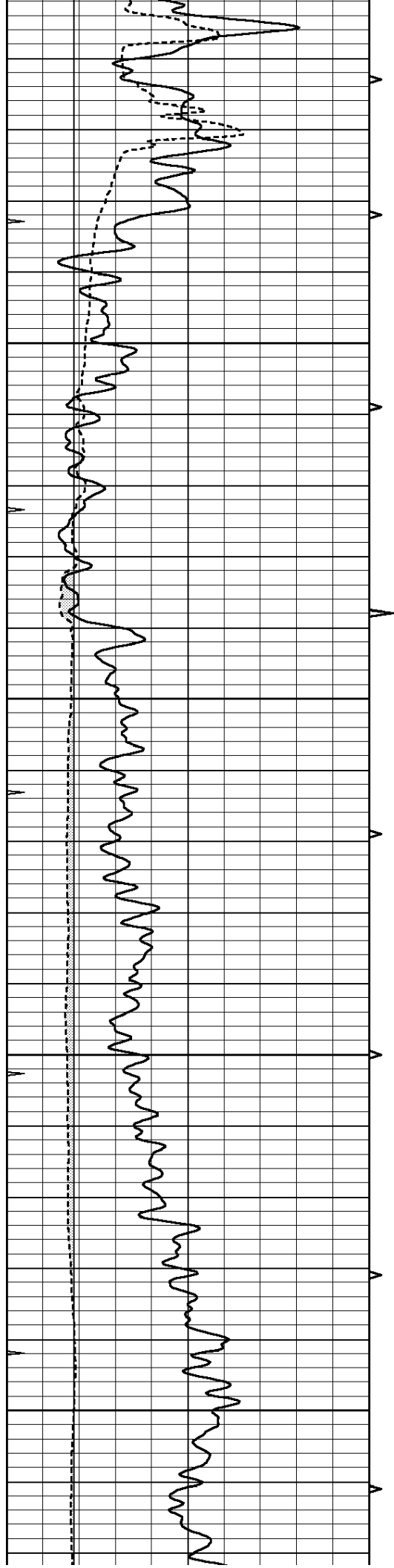










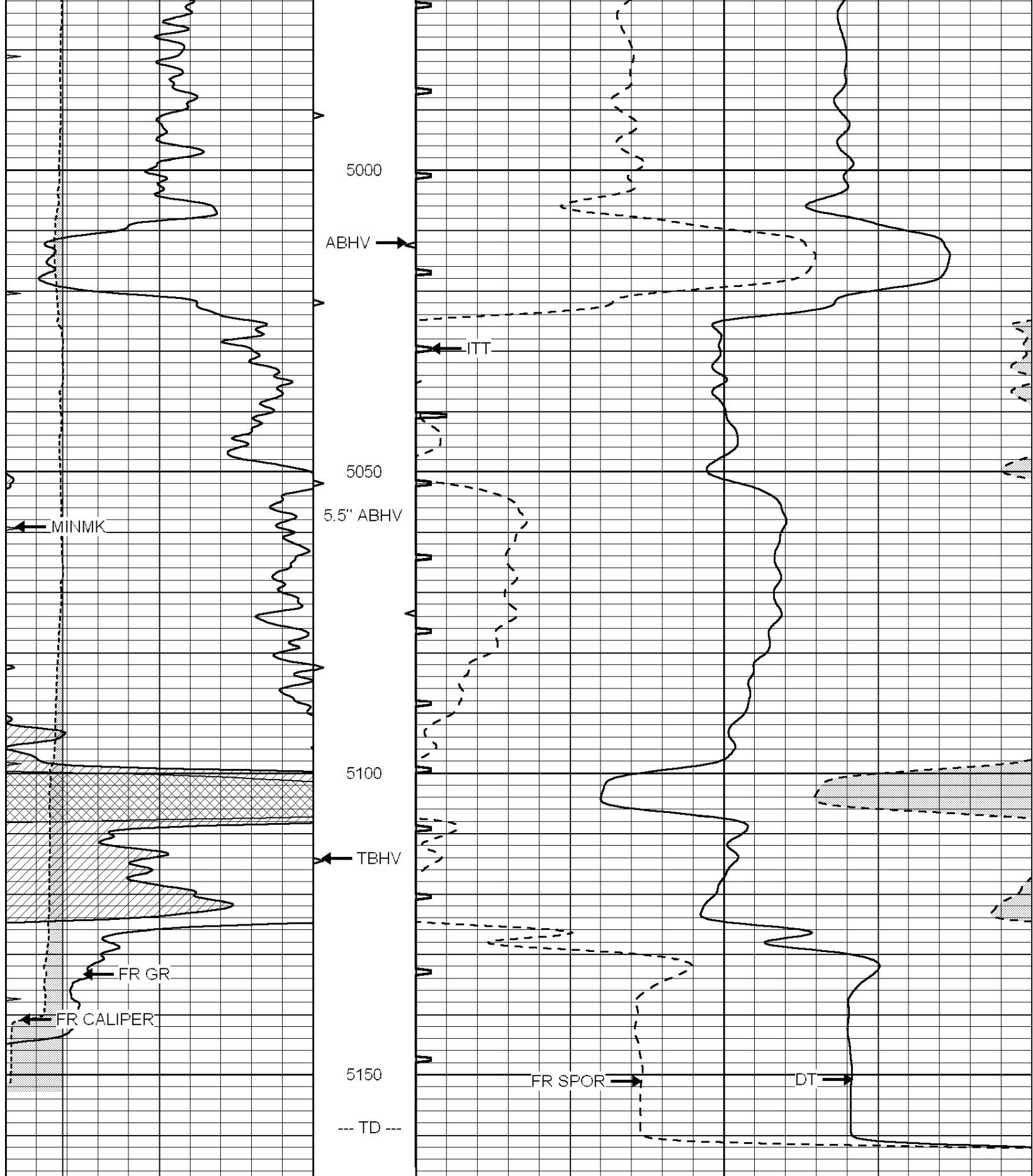


4800

4850

4900

4950



0	GAMMA RAY (GAPI)	150	ABHV	140	DELTA TIME (usec/ft)	40
6	CALIPER (in)	16	10 (ft3)	0	30	SONIC POROSITY (pu)
0	MINMK	20	TBHV	0	ITT (msec)	20
			0 (ft3)	10		

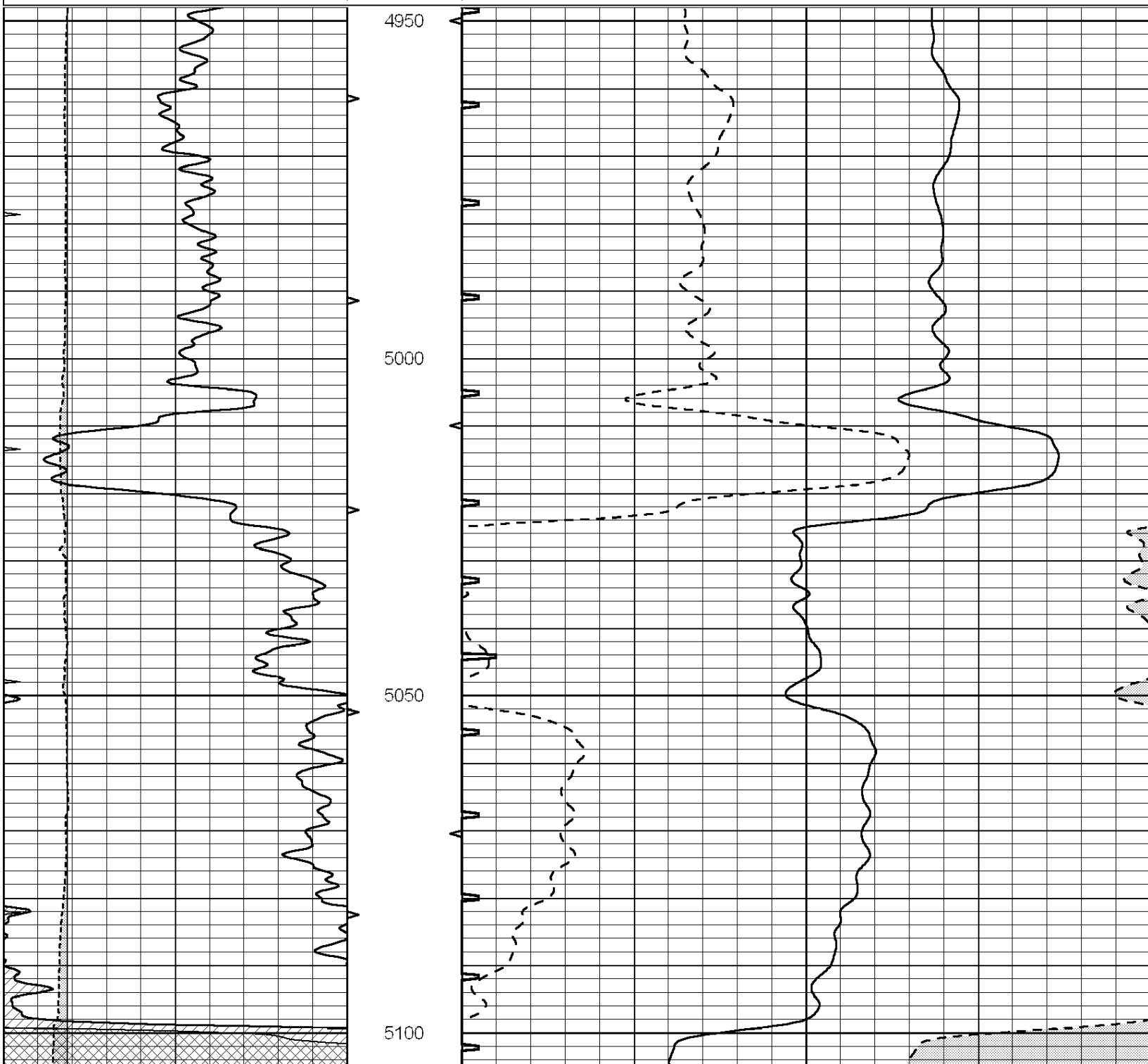


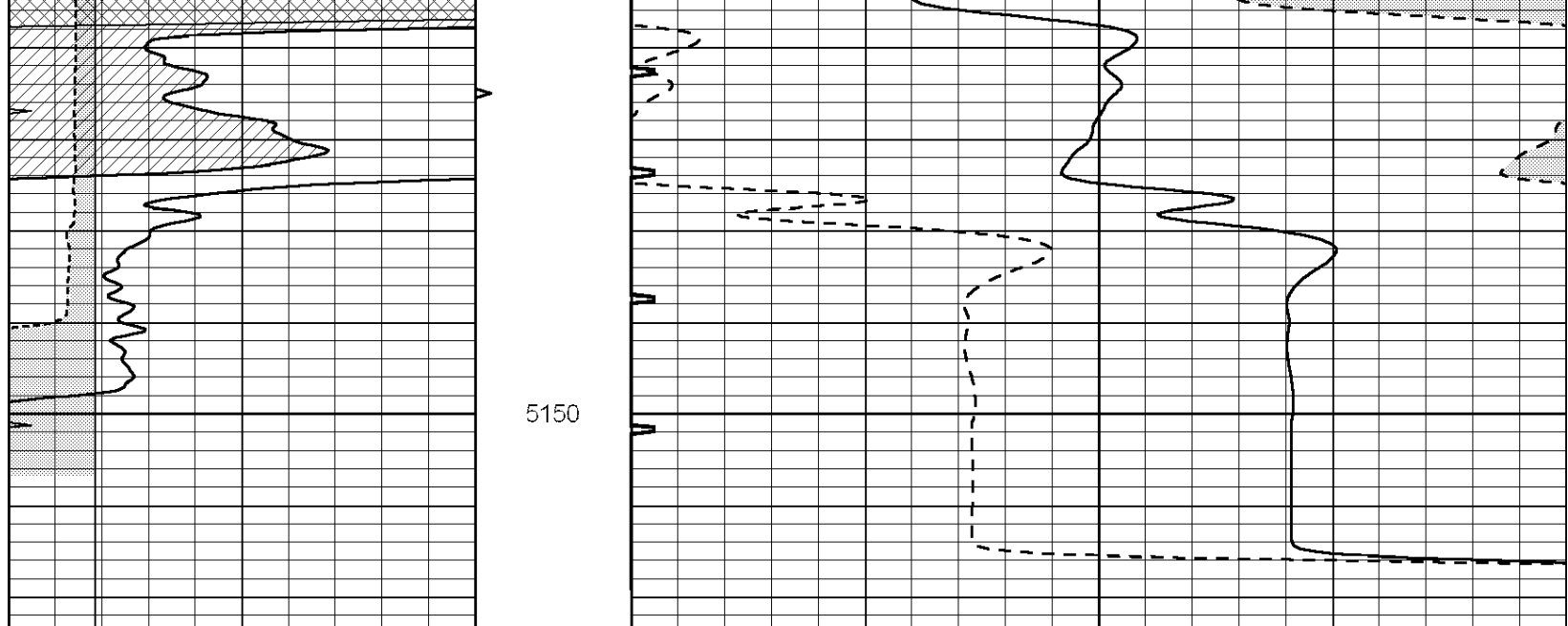
SUPERIOR
Hays,
Kansas

REPEAT SECTION

Database File: 005639pdn.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)	40	
6	CALIPER (in)	16	10 (ft3)	0	30	SONIC POROSITY (pu)	-10
0	MINMK	20	TBHV	0	ITT (msec)	20	
			0 (ft3)	10			





0	GAMMA RAY (GAPI)	150	ABHV	140	DELTA TIME (usec/ft)	40
6	CALIPER (in)	16	10 (ft3) 0	30	SONIC POROSITY (pu)	-10
0	MINMK	20	TBHV	0	ITT (msec)	20
			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

Federal Tax I.D.#: 20-5975804

Customer ID	Well Name# or Customer P.O.	Payment Terms	
Lotus	C R 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 29, 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

ALLIED CEMENTING CO., LLC. 042188

Federal Tax I.D.# 20-5975804

SERVICE POINT:

Medicine Lodge

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

DATE <i>08.09.10</i>	SEC. <i>36</i>	TWP. <i>34s</i>	RANGE <i>12w</i>	CALLED OUT	ON LOCATION	JOB START <i>8:00 AM</i>	JOB FINISH <i>3:30 PM</i>
LEASE <i>CR Wetz</i>	WELL # <i>5</i>	LOCATION <i>vs 281 & 160, 19s, 1/2w, N/A to</i>			COUNTY <i>Barber</i>	STATE <i>KS</i>	
OLD OR NEW (Circle one)							

CONTRACTOR *Maverick #106* OWNER *Lotus Oper.*

TYPE OF JOB *Surf ace*

HOLE SIZE *14 3/4* T.D. *278*

CASING SIZE *10 7/8* DEPTH *268*

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 *2 1/2 Bbls Fresh H₂O*

EQUIPMENT

CEMENT AMOUNT ORDERED *225sx 60:40 + 3%acc + 2%gel*

COMMON	<i>A</i>	<i>135</i>	<i>SK</i>	@	<i>15 45</i>	<i>2085</i>	<i>75</i>
POZMIX		<i>90</i>	<i>SK</i>	@	<i>8 00</i>	<i>720</i>	
GEL		<i>4</i>	<i>SK</i>	@	<i>20 80</i>	<i>83 20</i>	
CHLORIDE		<i>8</i>	<i>SK</i>	@	<i>58 20</i>	<i>465 60</i>	
ASC				@			
				@			
				@			
				@			
				@			
				@			
				@			
				@			
				@			
				@			
HANDLING		<i>237</i>		@	<i>2.40</i>	<i>568 80</i>	
MILEAGE		<i>237 / .10 / 18</i>		@		<i>426 60</i>	
							TOTAL <i>4349 75</i>

PUMP TRUCK CEMENTER *D. Felio*

360+265 HELPER *M. Thimesch*

BULK TRUCK

364 DRIVER *J. Thimesch*

BULK TRUCK

DRIVER

REMARKS:

Pipe on Bttm, Break Circ, Pump Spacer, Mix 225sx 60:40 cement Blend, Start Disp. w/ Fresh H₂O, Wash up truck & lines, See Steady increase in PSI, Slow Rate, Stop Pump at 2 1/2 Bbls total Disp, Shut in cement did cure.

SERVICE

DEPTH OF JOB	<i>268</i>	
PUMP TRUCK CHARGE	<i>1018</i>	<i>=</i>
EXTRA FOOTAGE	@	
MILEAGE	<i>18</i>	@ <i>7 00 = 126 00</i>
MANIFOLD	<i>N/A</i>	@
		@
		@
TOTAL <i>1144 00</i>		

CHARGE TO: *Lotus Oper.*

STREET _____

CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

<i>None</i>	@	
	@	
	@	
	@	
	@	
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.

PRINTED NAME *Terry J. Cummins*

SIGNATURE *Terry J. Cummins*

SALES TAX (If Any) _____

TOTAL CHARGES ~~_____~~

DISCOUNT _____ IF PAID IN 30 DAY: ~~_____~~



PO BOX 31 Russell, KS 67665

RECEIVED

AUG 19 2010

INVOICE

Invoice Number: 124018

Invoice Date: Aug 11, 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

Federal Tax I.D.#: 20-5975804

Customer ID	Well Name# or Customer P.O.	Payment Terms	
Lotus	C R 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 60/40 pozmix +
 200 sx ASC class 'A' #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

\$ 2631.78

ONLY IF PAID ON OR BEFORE
 Sep 5, 2010

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

-2631.78
 8,425.23

ALLIED CEMENTING CO., LLC. 042194

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:
Medicine Lodge KS

DATE <u>08 11 10</u>	SEC. <u>36</u>	TWP. <u>34s</u>	RANGE <u>12w</u>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH <u>8:45 PM</u>
LEASE <u>CR Wetz</u>	WELL # <u>5</u>	LOCATION <u>US 281 & US 160, 195, 1/2 w, N/into</u>		COUNTY <u>Barber</u>	STATE <u>KS</u>		
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR Maverick #106
 TYPE OF JOB Production Casing
 HOLE SIZE 7 7/8 T.D. 5160
 CASING SIZE 5 1/2 DEPTH 5069
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX 1500 MINIMUM —
 MEAS. LINE SHOE JOINT 32.20
 CEMENT LEFT IN CSG. 32'
 PERFS.
 DISPLACEMENT 123 Bbls Fresh H₂O

EQUIPMENT
 PUMP TRUCK CEMENTER D. Felio
 # 414-265 HELPER M. Thimesch
 BULK TRUCK
 # 381-222 DRIVER R. Gilley
 BULK TRUCK
 # DRIVER

REMARKS:

Pipe on Bttry, Break Circ., Plug Rat & Mouse
Holes w/ 50sx60:40 cement, Mix 200sx class
"A" ASC + 5# Kalseal + 1/4# Floseal + .5% FL460,
Stop pump, Wash Pump & Lines, Release Plug, Start
Disp. w/ Fresh H₂O See Steady increase in PSI, Slow
Rate, Bump Plug at 123 Bbls total Disp
Release P.S.I., Float Did Hold

OWNER Lotus Oper.

CEMENT
 AMOUNT ORDERED 50sx60:40:4%gel &
200sx class "A" ASC + 5# Kalseal + 1/4# Floseal
+ .5% FL460

COMMON	<u>50</u> <u>2x</u>	@ <u>15.45</u>	<u>463</u>	<u>50</u>
POZMIX	<u>20</u> <u>2x</u>	@ <u>8.00</u>	<u>160</u>	<u>—</u>
GEL	<u>2</u> <u>5x</u>	@ <u>20.00</u>	<u>41.00</u>	<u>—</u>
CHLORIDE		@		
ASC	<u>200</u> <u>5x</u>	@ <u>18.00</u>	<u>3720</u>	<u>—</u>
	<u>Kalseal 1000</u>	@ <u>.89</u>	<u>890</u>	<u>—</u>
	<u>A-160 94</u>	@ <u>13.00</u>	<u>1250</u>	<u>—</u>
	<u>Floseal 50</u>	@ <u>2.50</u>	<u>125</u>	<u>—</u>
		@		
		@		
		@		
		@		
HANDLING	<u>250</u>	@ <u>2.40</u>	<u>600</u>	<u>—</u>
MILEAGE	<u>250/10/18</u>		<u>450</u>	<u>—</u>
			TOTAL	<u>7700.50</u>

SERVICE

DEPTH OF JOB	<u>5069</u>		
PUMP TRUCK CHARGE	<u>2092</u>		
EXTRA FOOTAGE	@		
MILEAGE	<u>18</u>	@ <u>7.00</u>	<u>126.00</u>
MANIFOLD Head Rental	@		
	@		
	@		

TOTAL 2218.00

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

PLUG & FLOAT EQUIPMENT

1- TRP	@	<u>74.00</u>
1- Guide Shoe	@	<u>100.00</u>
1- Basket	@	<u>161.00</u>
5- centralizers	@ <u>32.00</u>	<u>161.00</u>
1- AFU insert	@	<u>112.00</u>
		TOTAL <u>608.00</u>

To Allied Cementing Co., LLC.
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SALES TAX (If Any) _____
 TOTAL CHARGES _____
 DISCOUNT _____ IF PAID IN 30 DAYS

PRINTED NAME RLB
 SIGNATURE _____



*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