



SUPERIOR
Hays,
Kansas

DUAL
INDUCTION
LOG

Company		NORSTAR PETROLEUM, INC.	
Well		CURTIS #1-24	
Field		WILDCAT	
County		THOMAS	
State		KANSAS	
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Well		CURTIS #1-24	
Field		WILDCAT	
County		THOMAS	
State		KANSAS	
Location:		API # : 15-193-20794-0000	
Permanent Datum		GROUND LEVEL	
Log Measured From		KELLY BUSHING 5' A.G.L.	
Drilling Measured From		KELLY BUSHING	
SEC 24 TWP 10S RGE 35W		Elevation	
1712' FNL & 1290' FEL		K.B. 3247	
		D.F. 3245	
		G.L. 3242	
CDL/CNL/PE			
MEL/SON			
Date		4/28/11	
Run Number		ONE	
Depth Driller		4870	
Depth Logger		4870	
Bottom Logged Interval		4868	
Top Log Interval		0	
Casing Driller		8 5/8" @ 260'	
Casing Logger			
Bit Size		7 7/8	
Type Fluid in Hole		CHEMICAL MUD	
Density / Viscosity		9.3/52	
pH / Fluid Loss		10.0/9.6	
Source of Sample		FLOWLINE	
Rim @ Meas. Temp		0.43 @ 80F	
Rmf @ Meas. Temp		0.32 @ 80F	
Rmc @ Meas. Temp		0.52 @ 80F	
Source of Rmf / Rmc		MEASURED	
Rim @ BHT		0.28 @ 124F	
Time Circulation Stopped		2 HOURS	
Time Logger on Bottom			
Maximum Recorded Temperature		124F	
Equipment Number		680	
Location		HAYS, KS.	
Recorded By		JEFF GRONEMEG	
Witnessed By		BRAD RINE	

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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

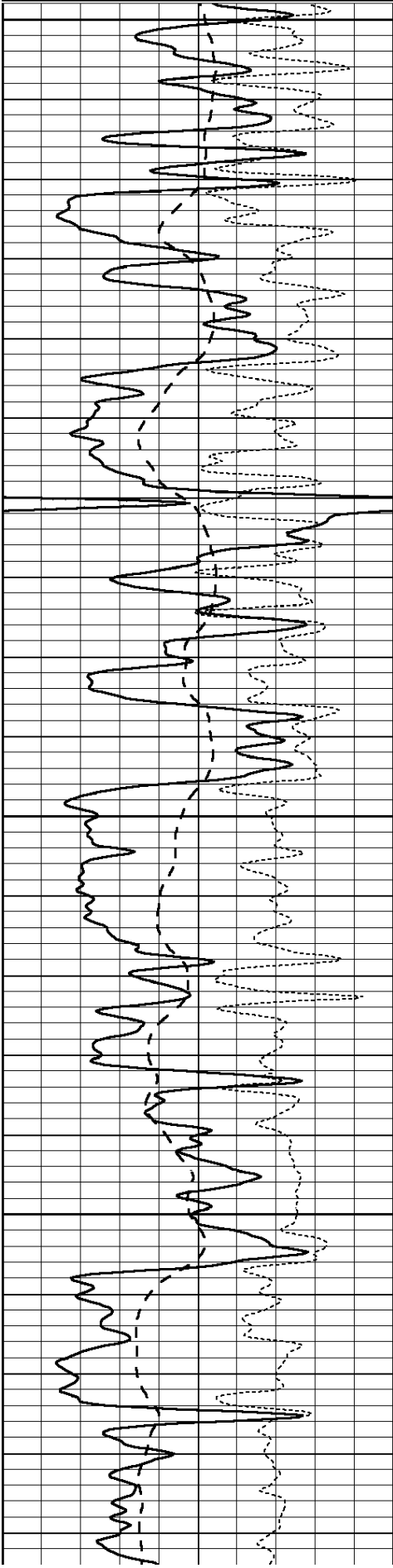
THANK YOU FOR USING SUPERIOR WELL SERVICE (785) 628-6395
DIRECTIONS
OAKLEY, KS - 16 MILES WEST FROM INTERSECTION OF HWYS 40 & 83
3 NORTH ON RD 280 TO T IN ROAD - 1 MILE WEST TO TH 13
2 1/2 MILES NORTH - WEST INTO

Database File: 042811pe.db
Dataset Pathname: pass4.3
Presentation Format: _dil
Dataset Creation: Thu Apr 28 20:41:27 2011 by Calc Open-Cased 090629
Charted by: Depth in Feet scaled 1:240

Charted by: Depth in Feet scaled 1:2.15

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

0.2	SHALLOW GUARD (Ohm-m)	2000
0.2	MEDIUM INDUCTION (Ohm-m)	2000
0.2	DEEP INDUCTION (Ohm-m)	2000

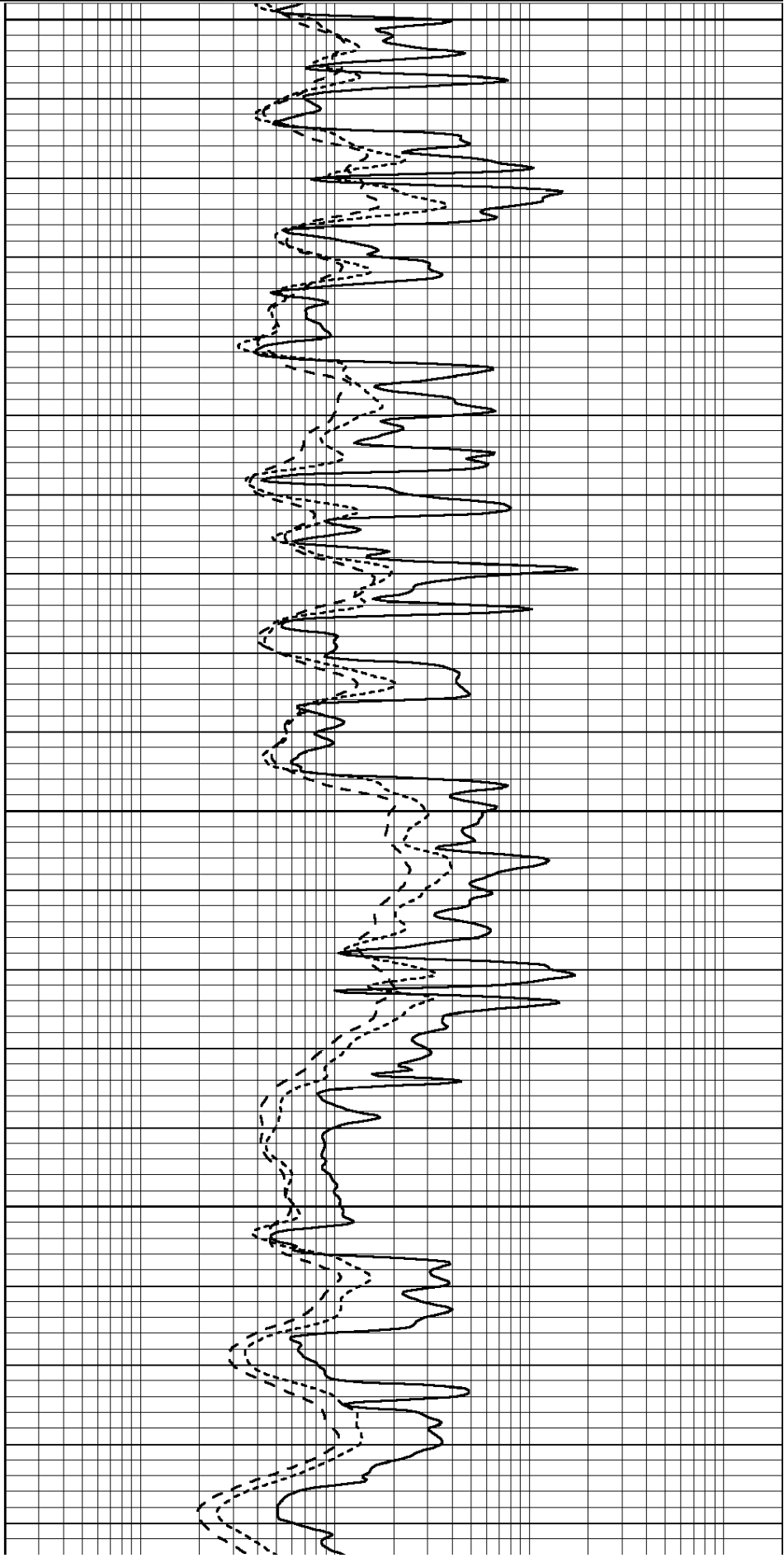


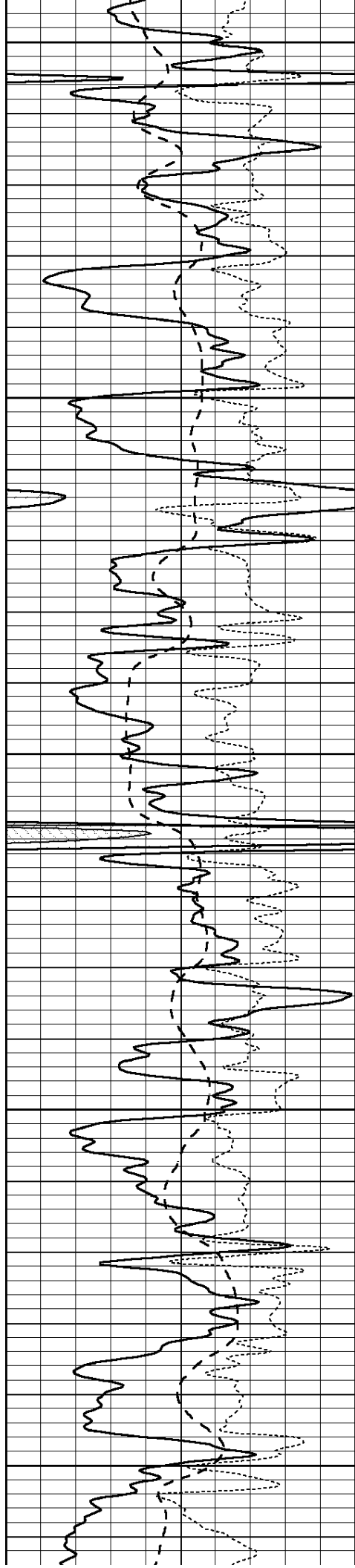
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3850

3900

3950





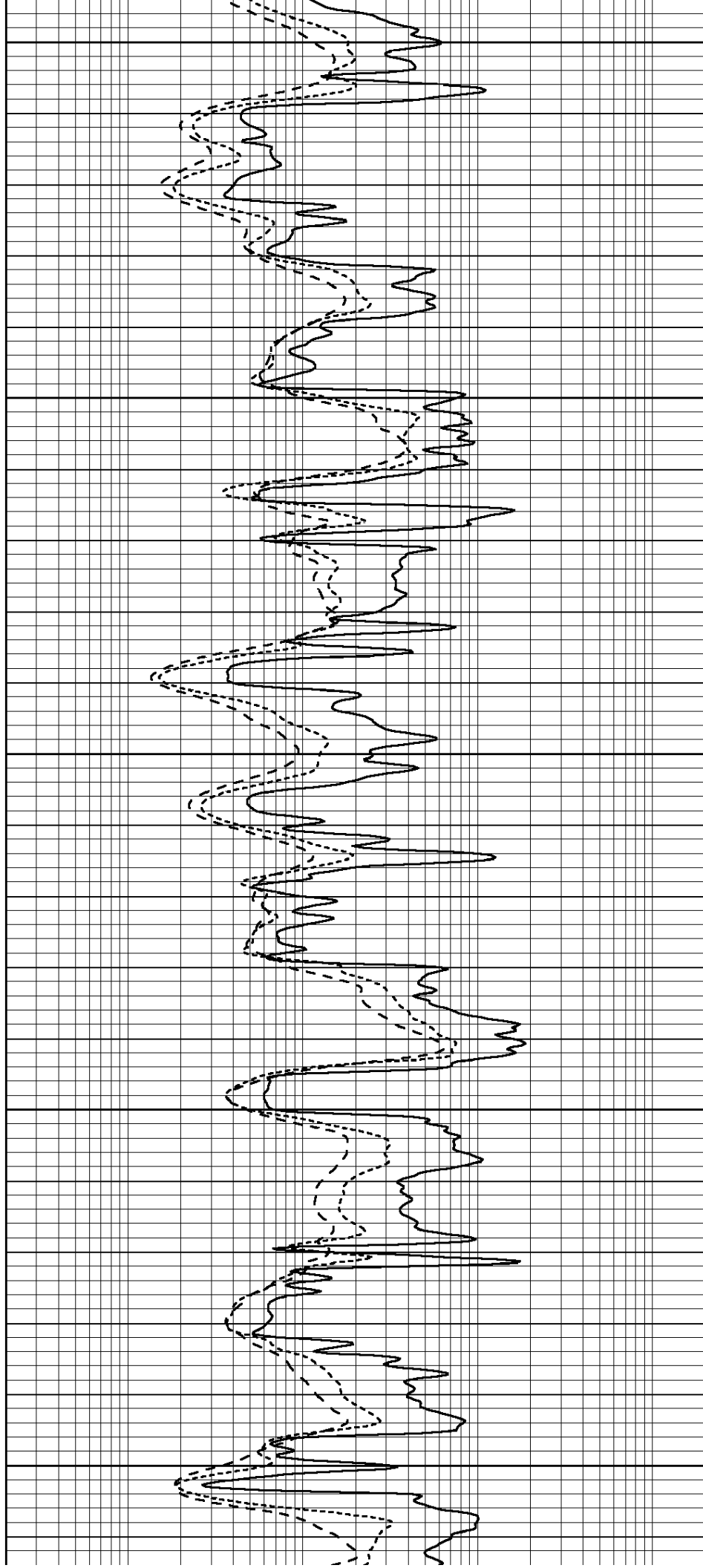
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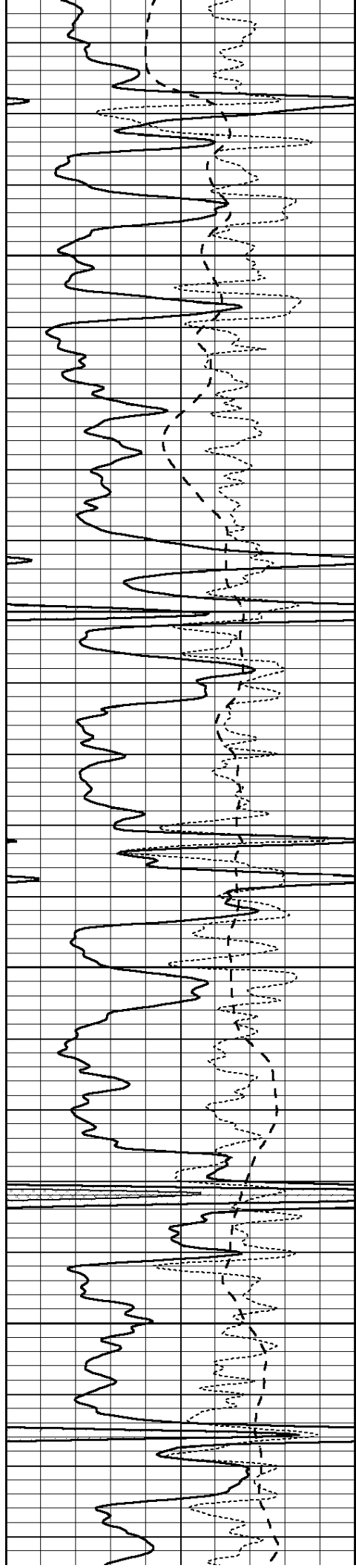
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4100

4150

4200



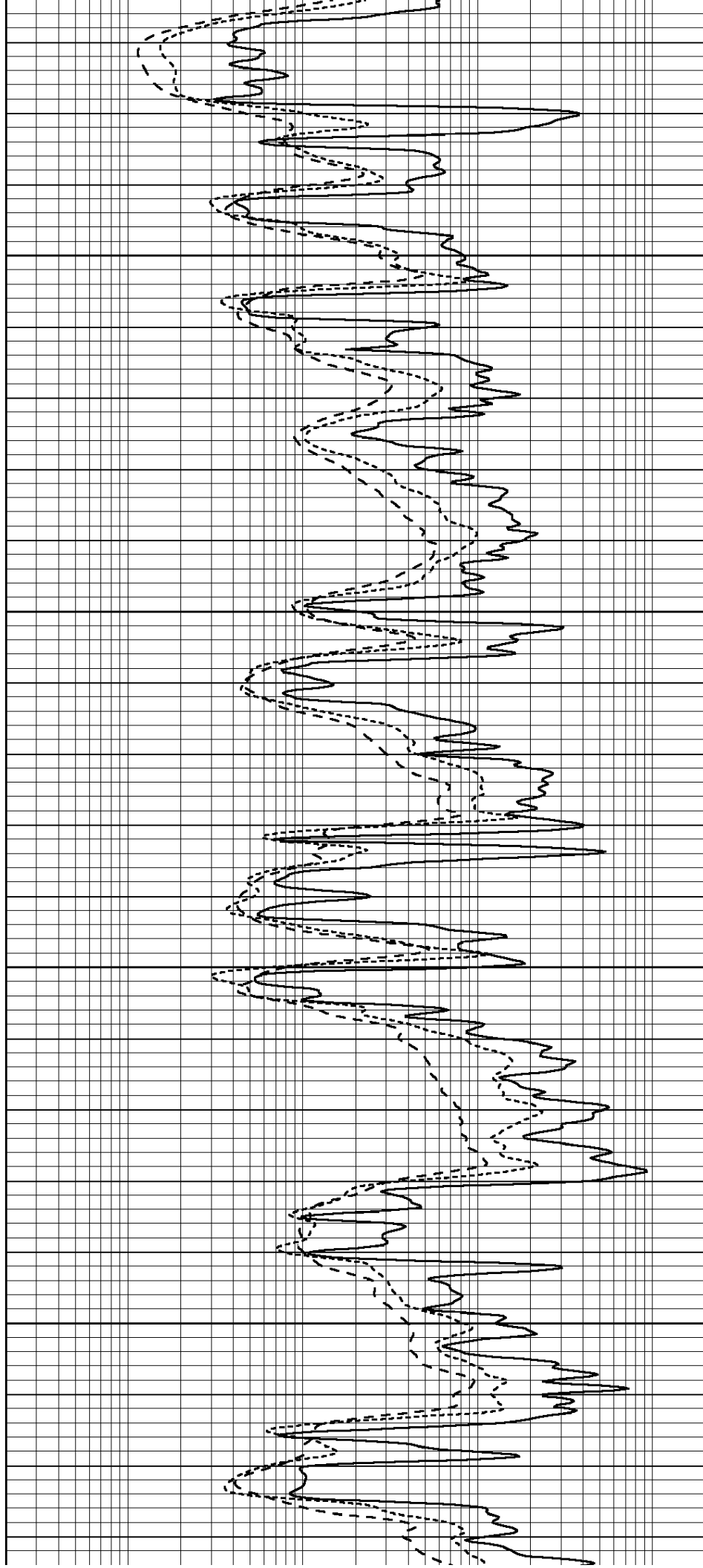


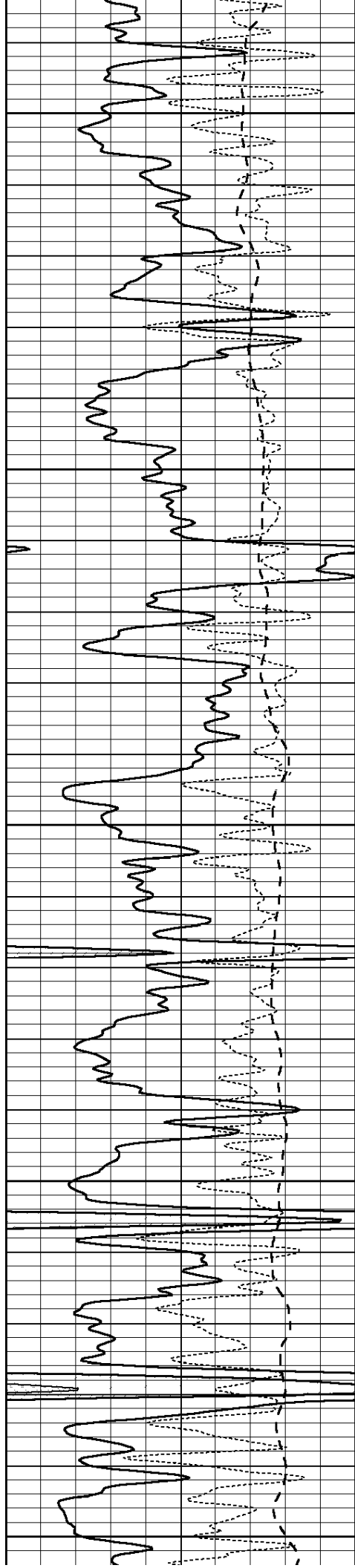
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4400





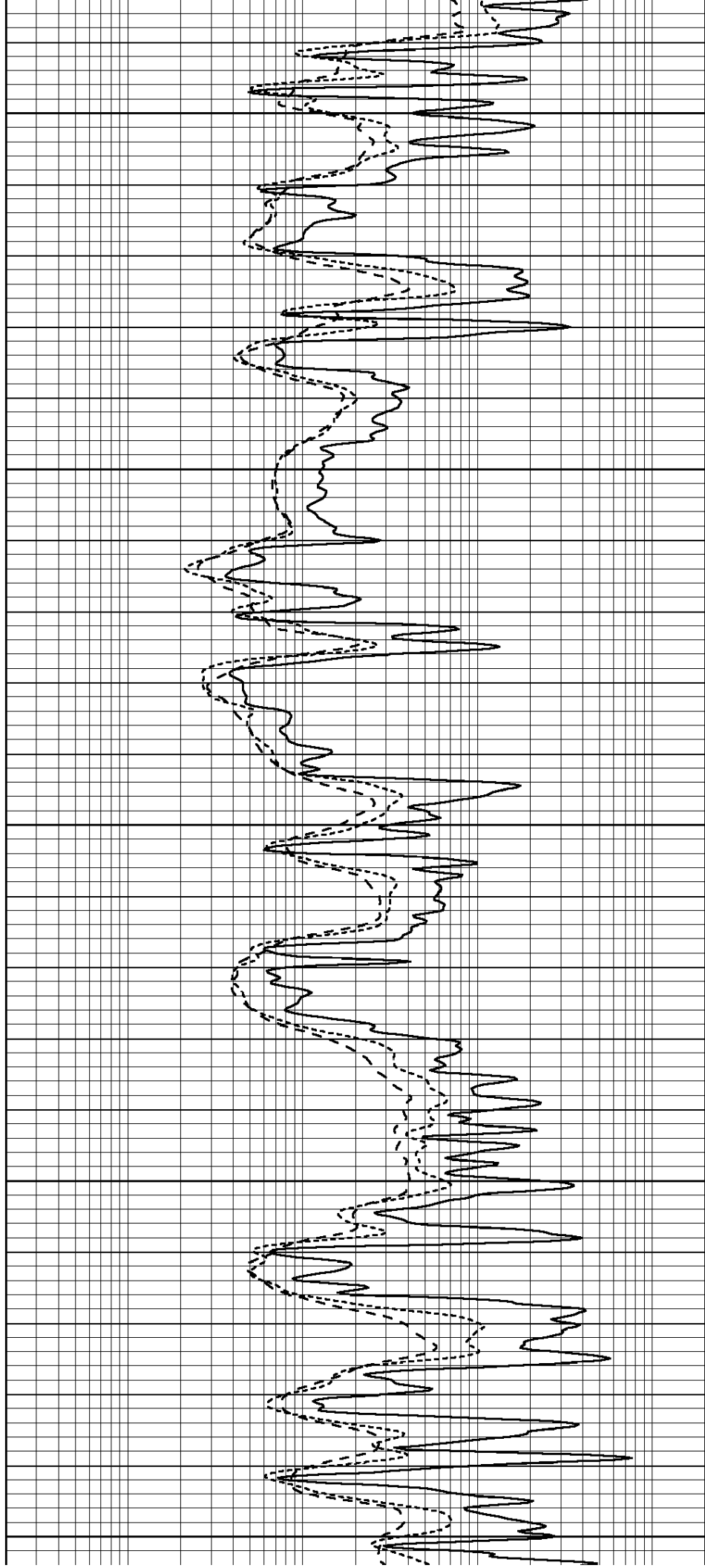
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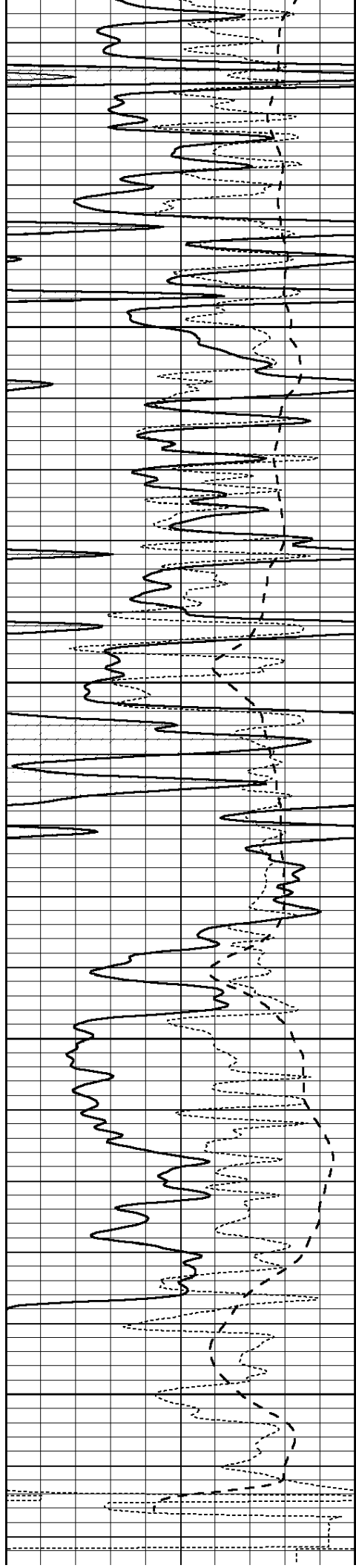
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4600

4650



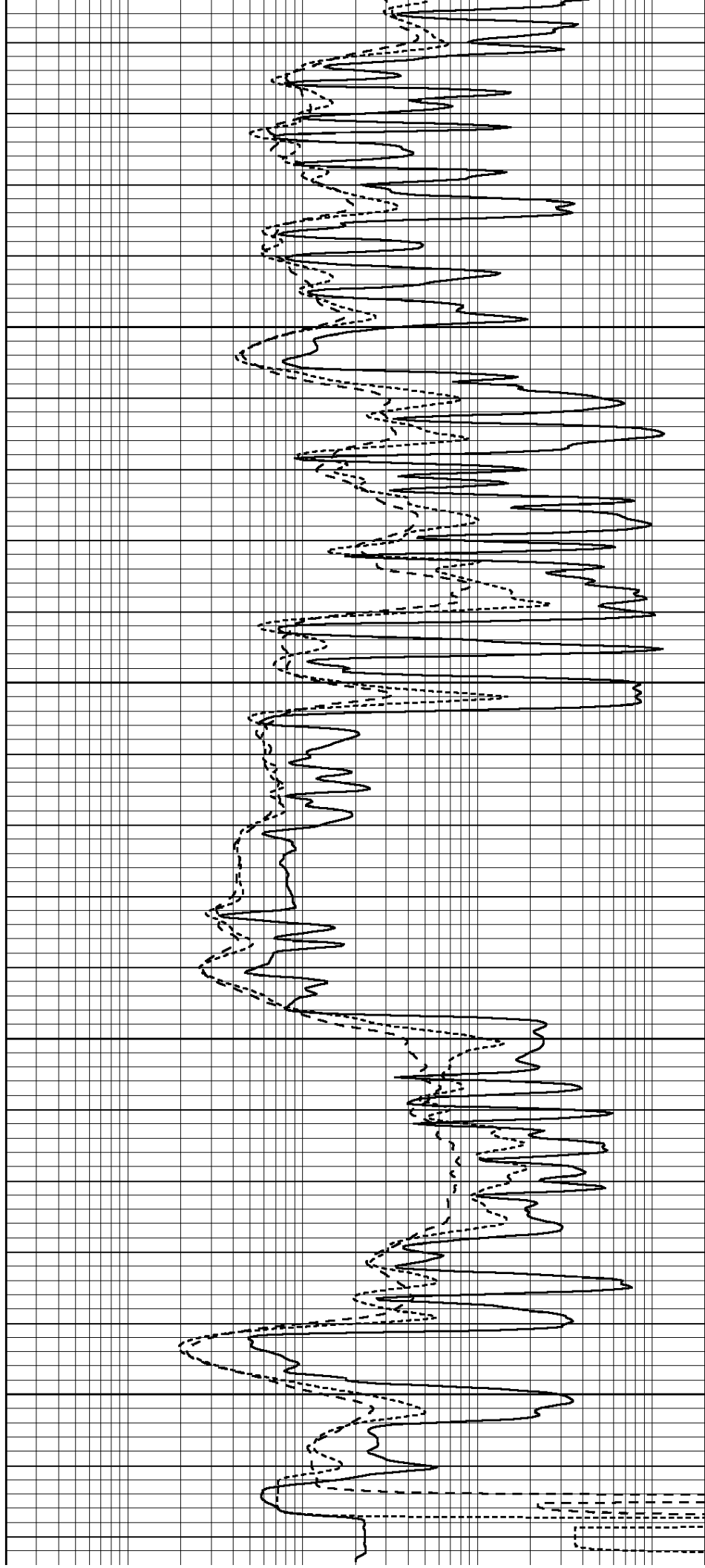


4700

4750

4800

4850



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