



DUAL INDUCTION LOG

Company	PHILLIPS EXPLORATION COMPANY L.C.
Well	GEYER#4 OK
Field	N/A
County	TREGO
State	KANSAS
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Well	GEYER#4 OK
Field	N/A
County	TREGO
State	KANSAS
Location:	API # : 15-195-23093-00-00
Permanent Datum	990' FNL & 990' FWL
Log Measured From	GROUND LEVEL Elevation 2305
Drilling Measured From	KELLY BUSHING 5' A.G.L. KELLY BUSHING Elevation K.B. 2310 D.F. 2308 G.L. 2305
Date	09/14/19
Run Number	ONE
Depth Driller	3960
Depth Logger	3962
Bottom Logged Interval	3960
Top Log Interval	00
Casing Driller	8 5/8" @ 211
Casing Logger	211
Bit Size	7 7/8"
Type Fluid in Hole	CHEMICAL MUD
Density / Viscosity	9.5/52
pH / Fluid Loss	9.0/8.0
Source of Sample	FLOWLINE
Rm @ Meas. Temp	.8@83
Rmt @ Meas. Temp	.60@83
Rmc @ Meas. Temp	.96@83
Source of Rmt / Rmc	MEASURED
Rm @ BHT	.57@116
Time Circulation Stopped	2 HOURS
Time Logger on Bottom	///
Maximum Recorded Temperature	116F
Equipment Number	4010
Location	HAYS, KANSAS
Recorded By	GUS PFANENSTIEL
Witnessed By	PAT DEENIHAN

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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.

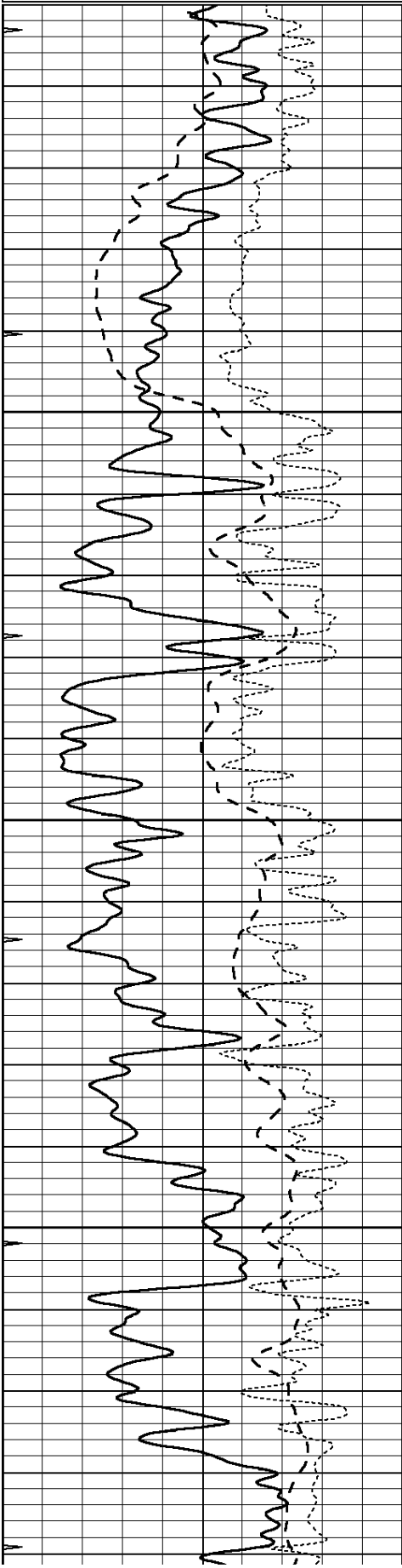
Comments

THANK YOU FOR USING ELI WIRELINE, HAYS, KS. (785) 628-6395

DIRECTIONS
WAKEENEY NORTH TO B RD. 5 WEST
NORTH INTO.

0	GAMMA RAY (GAPI)	150
-100	SP (mV)	100
-250	Rxo/Rt	50
0	MINMK	20

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

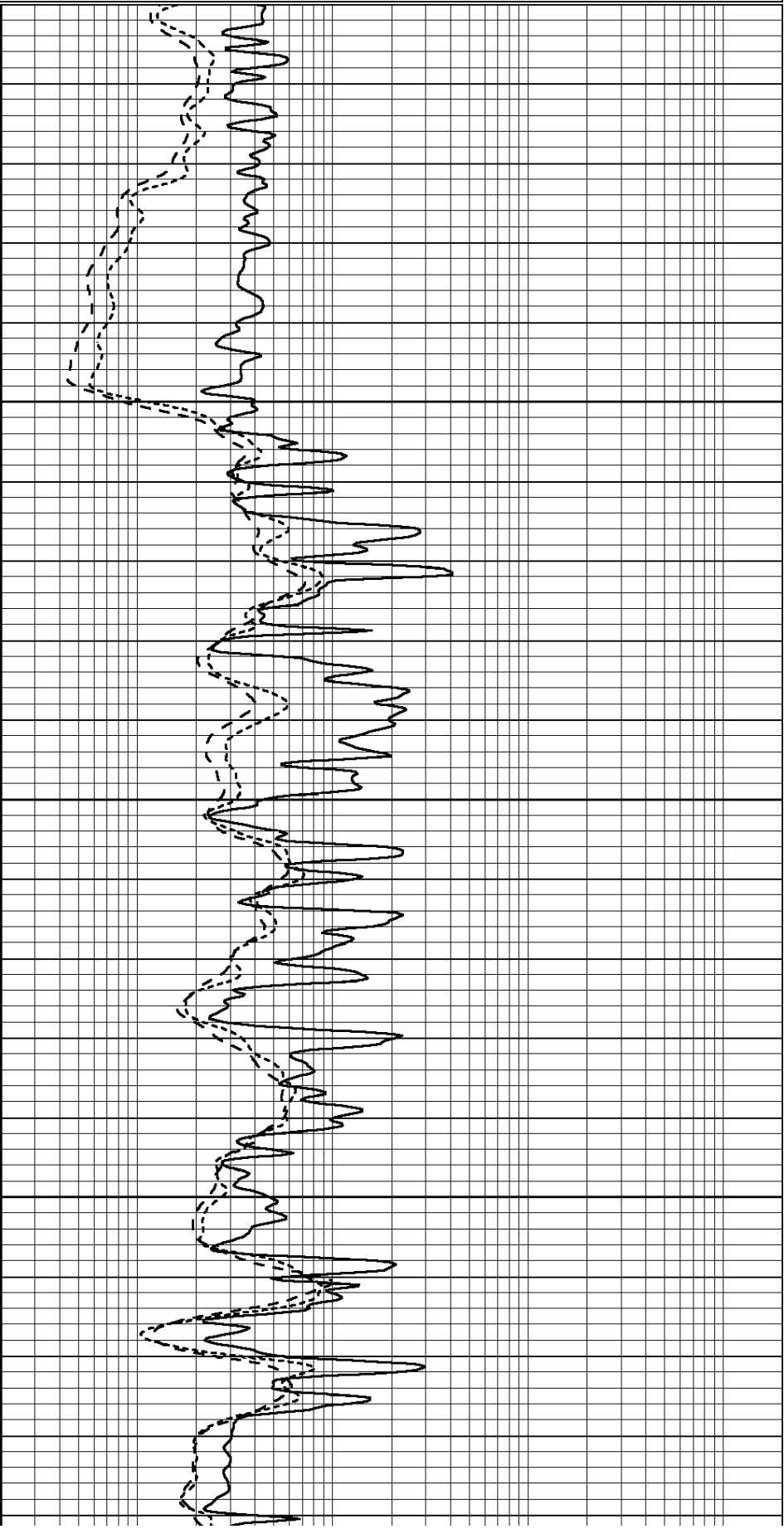


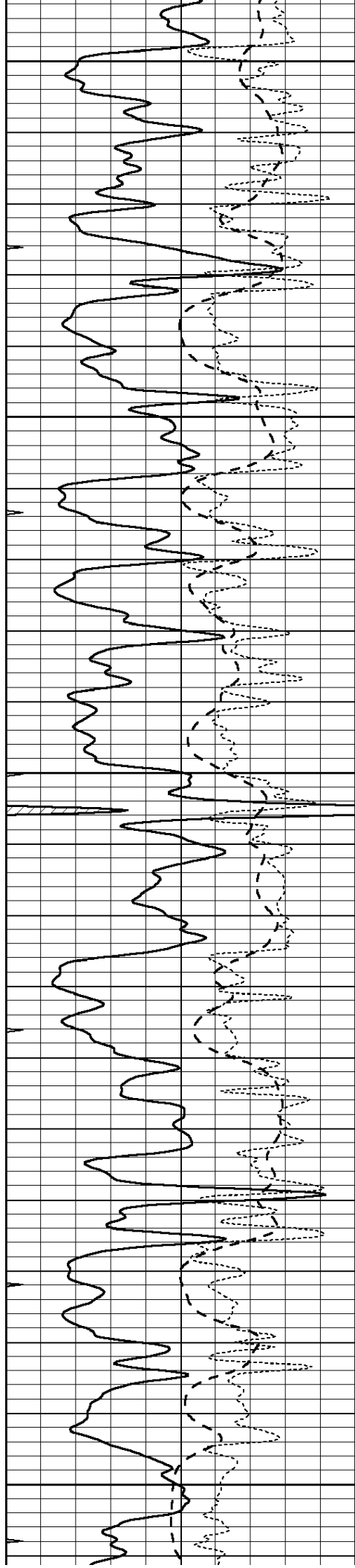
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3250

3300

3350





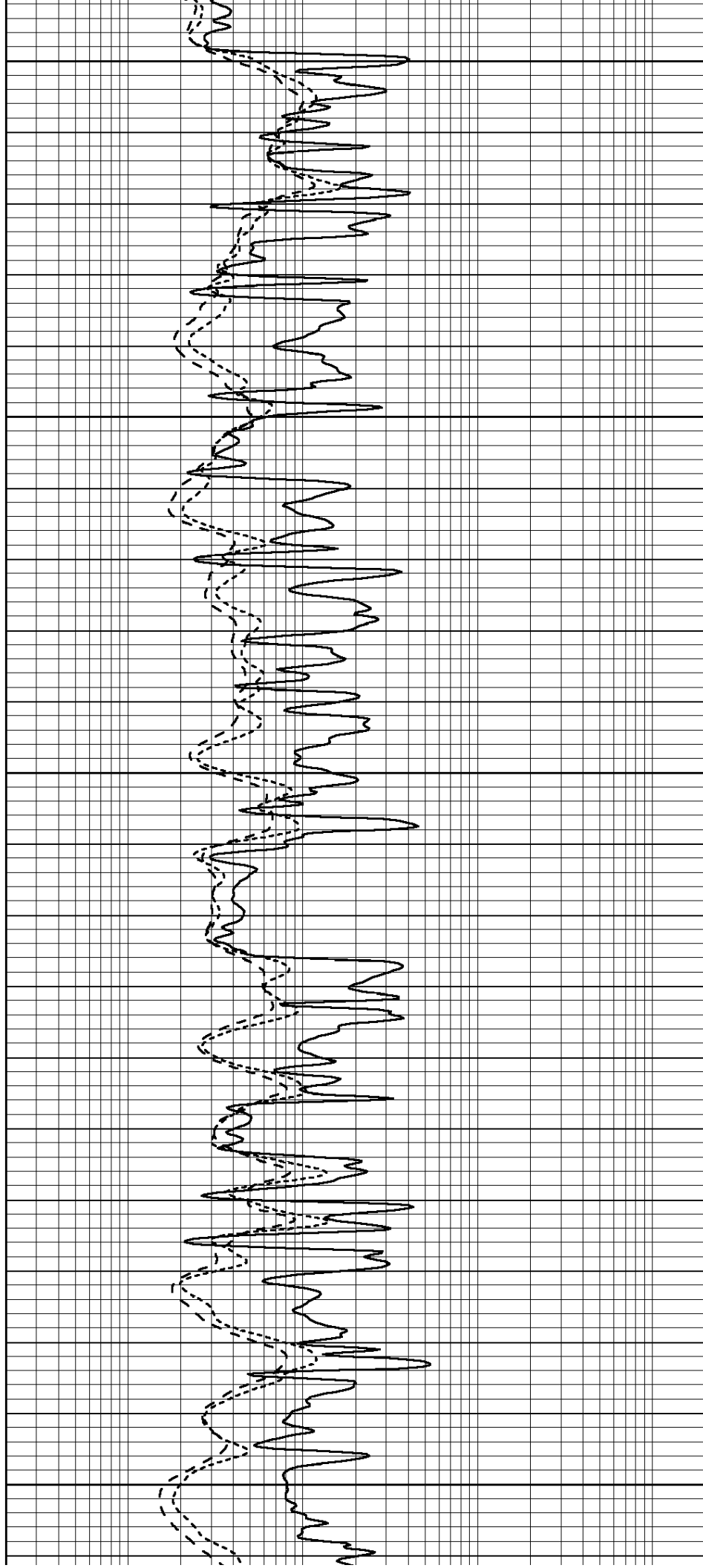
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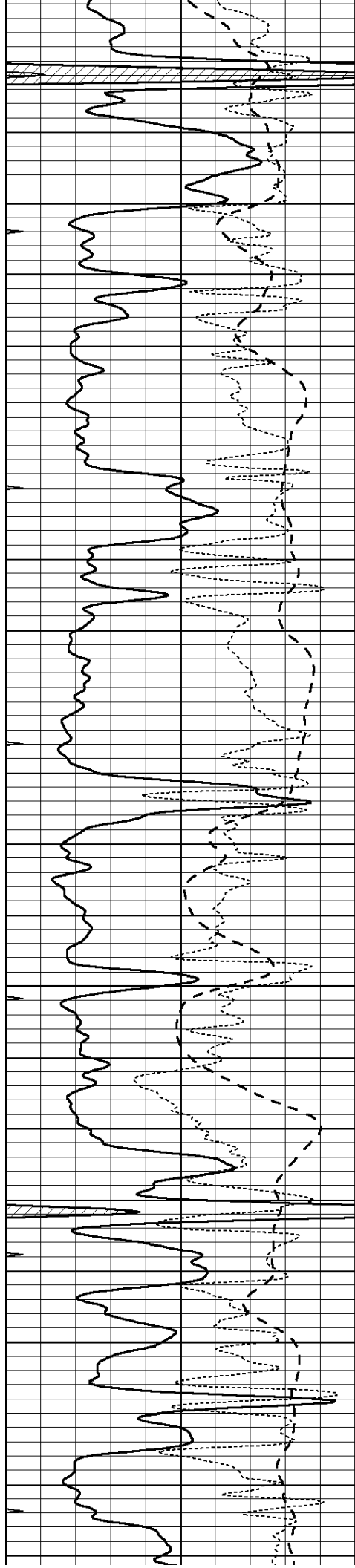
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3600



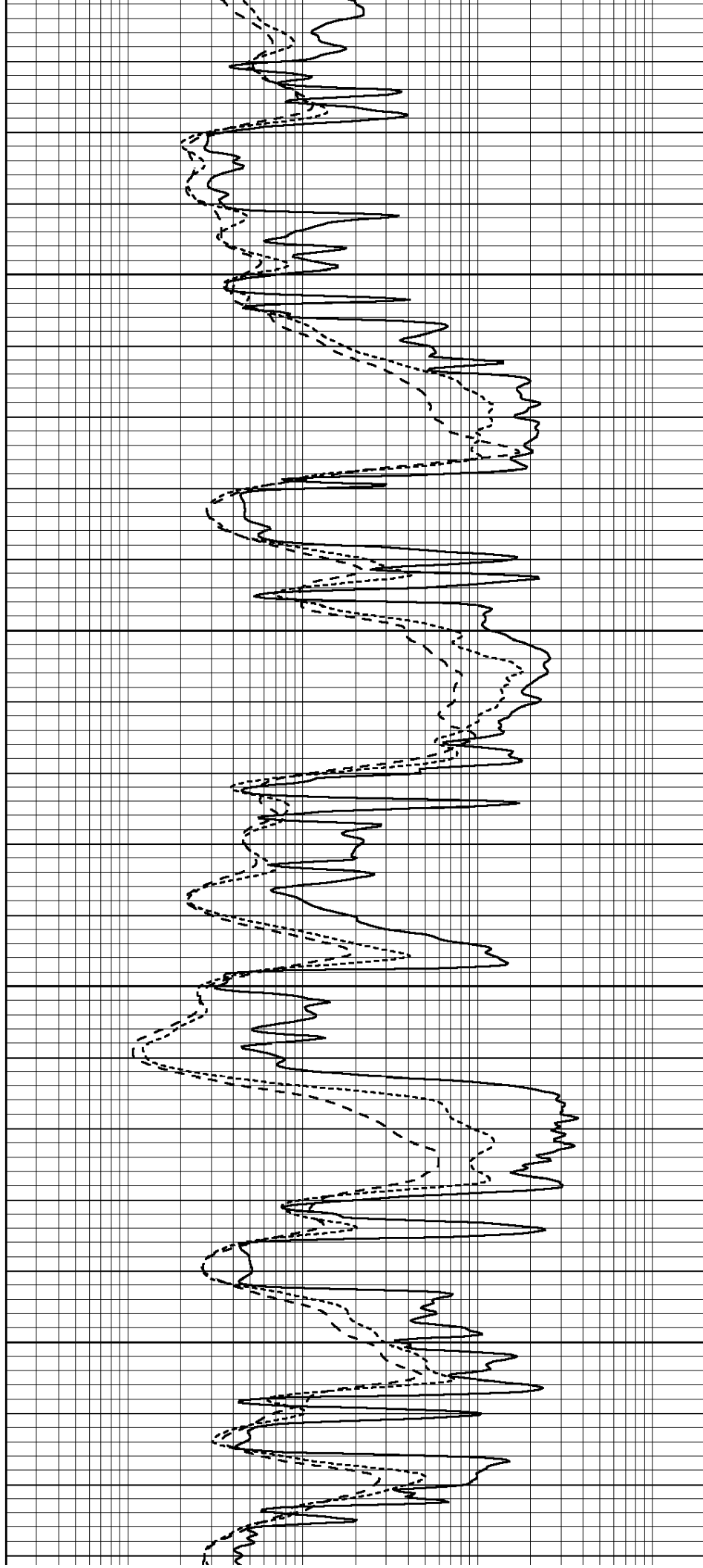


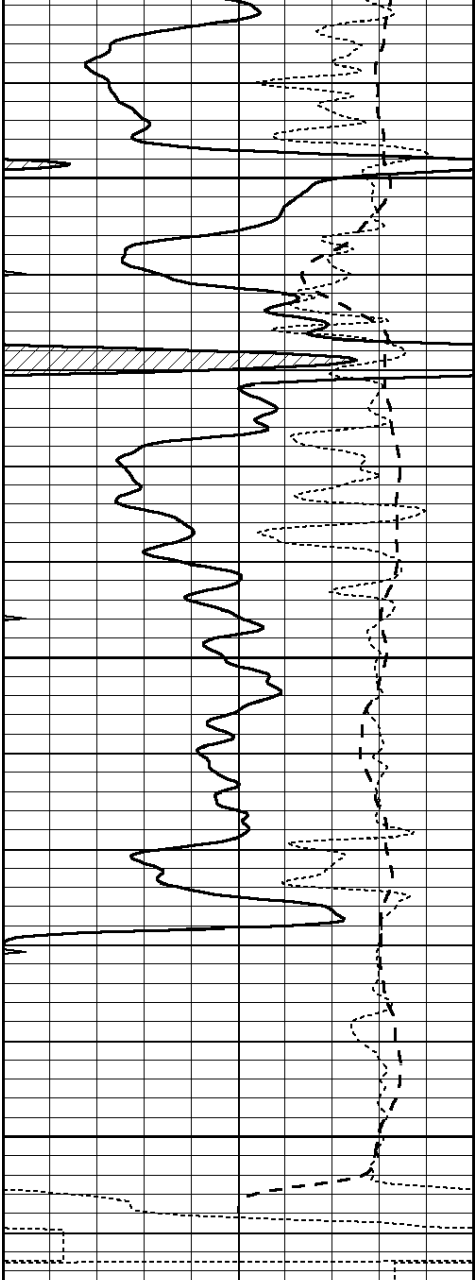
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3750

3800



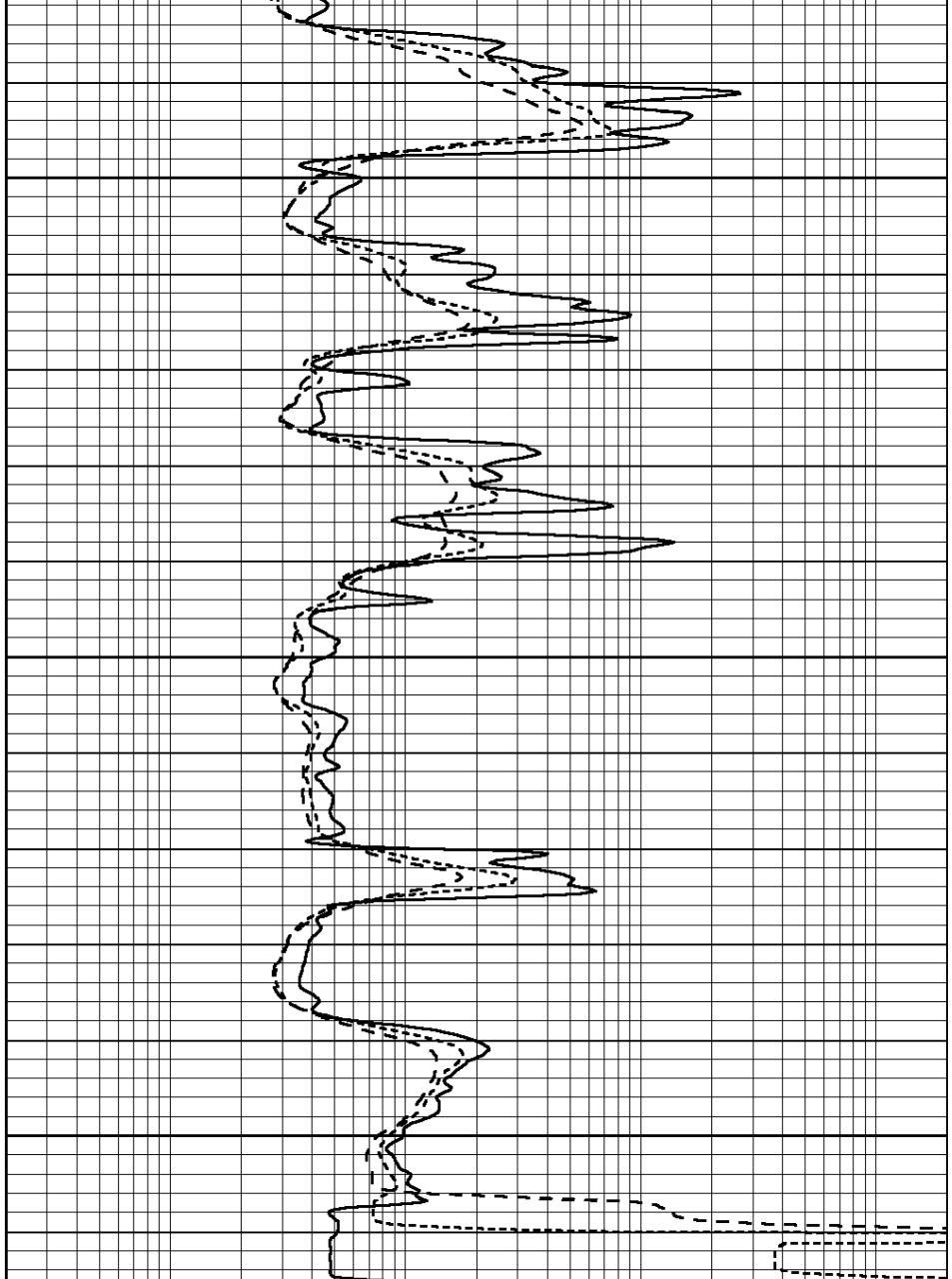


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