



COMPENSATED DENSITY/NEUTRON LOG

Company	PHILLIPS EXPLORATION CO., L.C.	Company	PHILLIPS EXPLORATION CO., L.C.
Well	GAITHER #2-21	Well	GAITHER #2-21
Field	YEP	Field	YEP
County	TREGO	County	TREGO
State	KANSAS	State	KANSAS
Location:	API # : 15-195-23016-00-00	Other Services	DIL/MEL
660' FNL & 990' FEL			
SEC 21	TWP 14S	RGE	24W
Permanent Datum	GROUND LEVEL	Elevation	2320'
Log Measured From	KELLY BUSHING 5' A.G.L.	K.B.	2325
Drilling Measured From	KELLY BUSHING	D.F.	2323
		G.L.	2320
Date	08/16/17		
Run Number	ONE		
Depth Driller	4300		
Depth Logger	4299		
Bottom Logged Interval	4275		
Top Log Interval	3300		
Casing Driller	8 5/8" @ 218		
Casing Logger	218		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES	3200 PPM
Density / Viscosity	9.4/5.1		
pH / Fluid Loss	10.5/6.8		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	1.3@80		
Rmt @ Meas. Temp	.96@80		
Rmc @ Meas. Temp	1.57@80		
Source of Rmt / Rmc	MEASURED		
Rm @ BHT	.87@119		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom	///		
Maximum Recorded Temperature	119F		
Equipment Number	4010		
Location	HAYS, KANSAS		
Recorded By	GUS PFANENSTIEL		
Witnessed By	PAT DEENIHAN		

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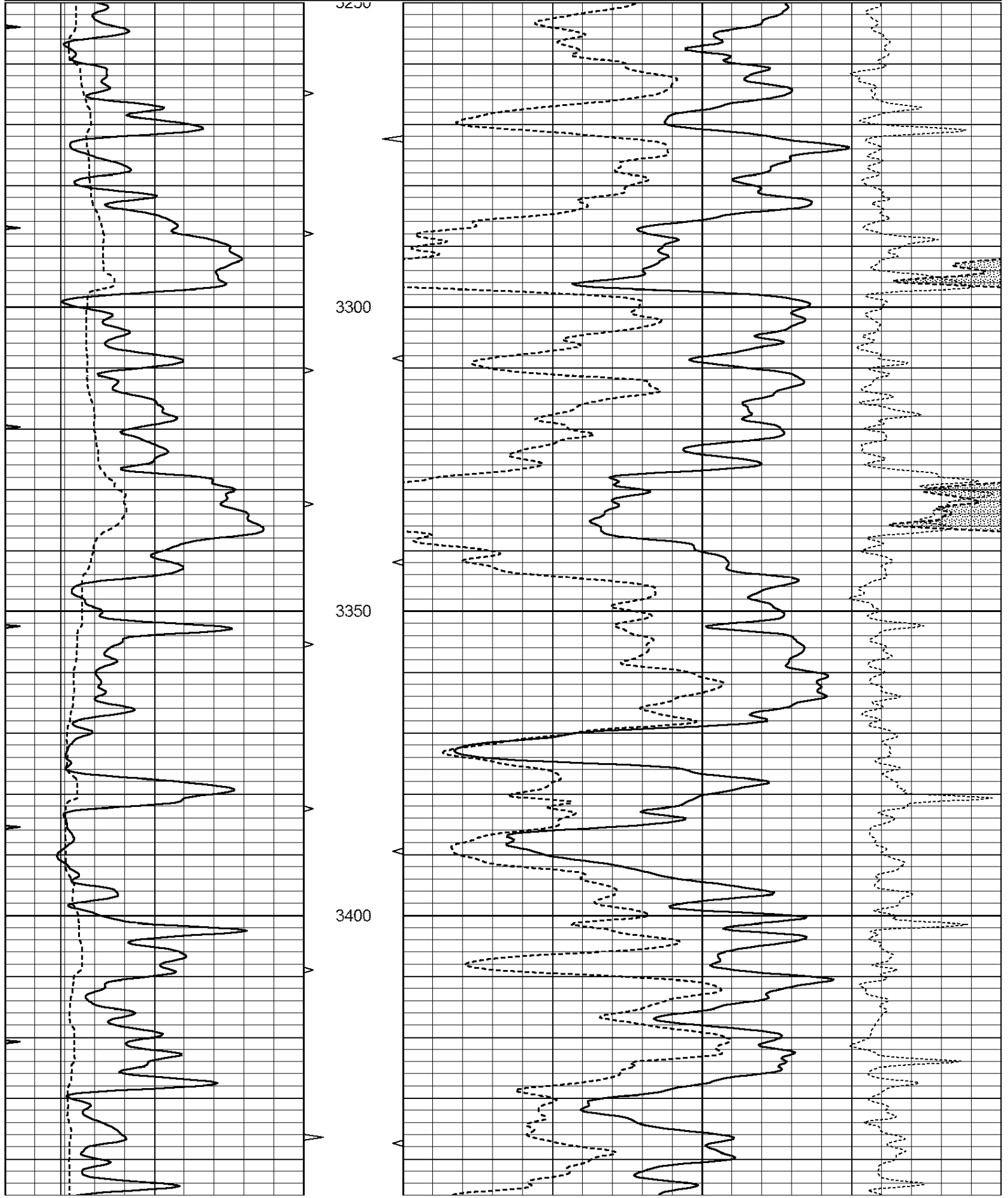
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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.

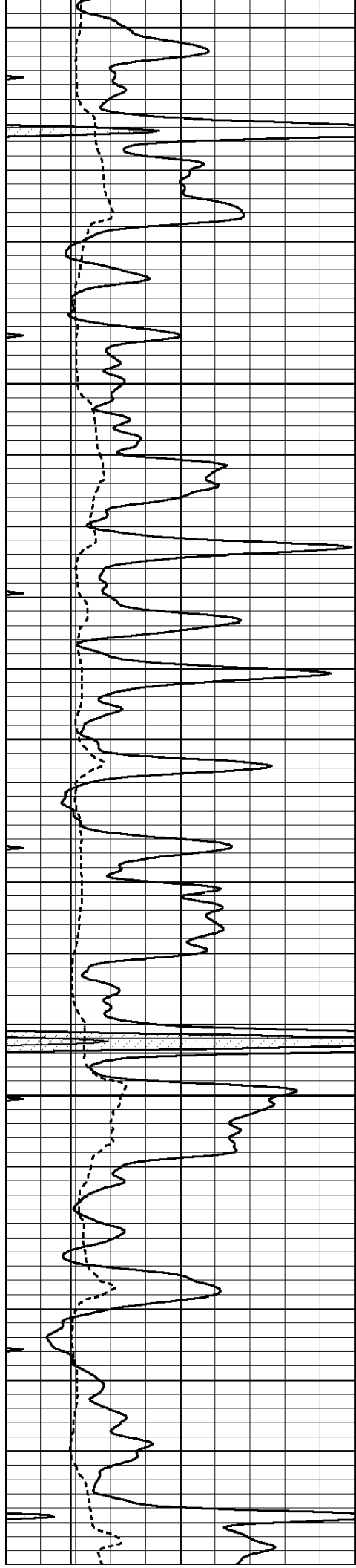
Comments

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

DIRECTIONS
SOUTH OF WAKEENEY TO V RD.
WEST 5 MILES, SOUTH INTO.

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		-0.25 CORRECTION (g/cc)	0.25
			0 (ft3)	10		





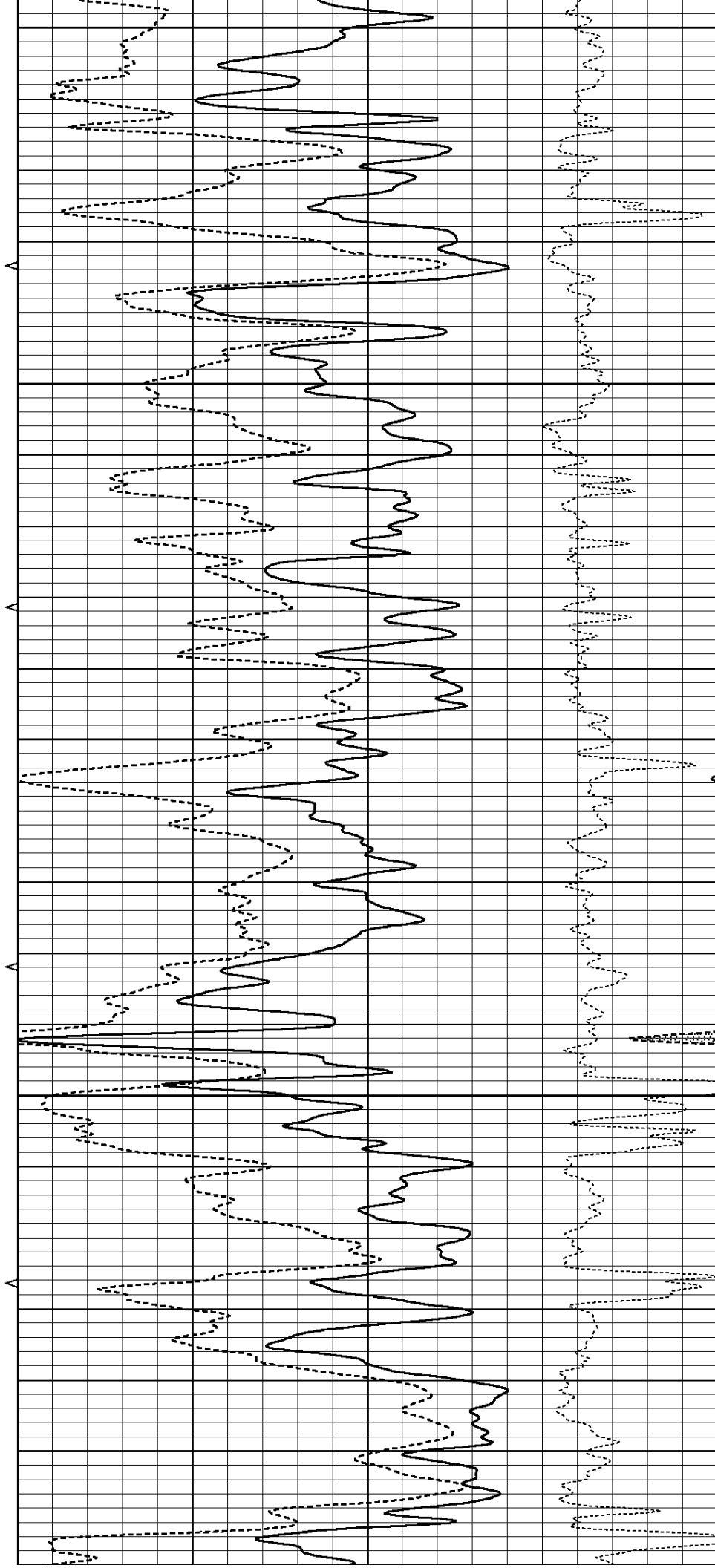
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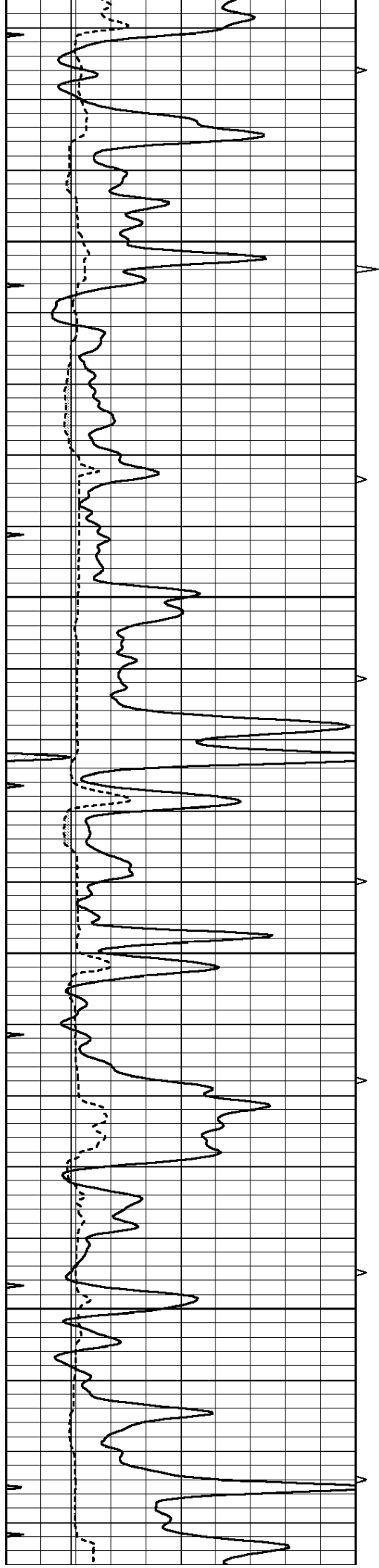
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3600

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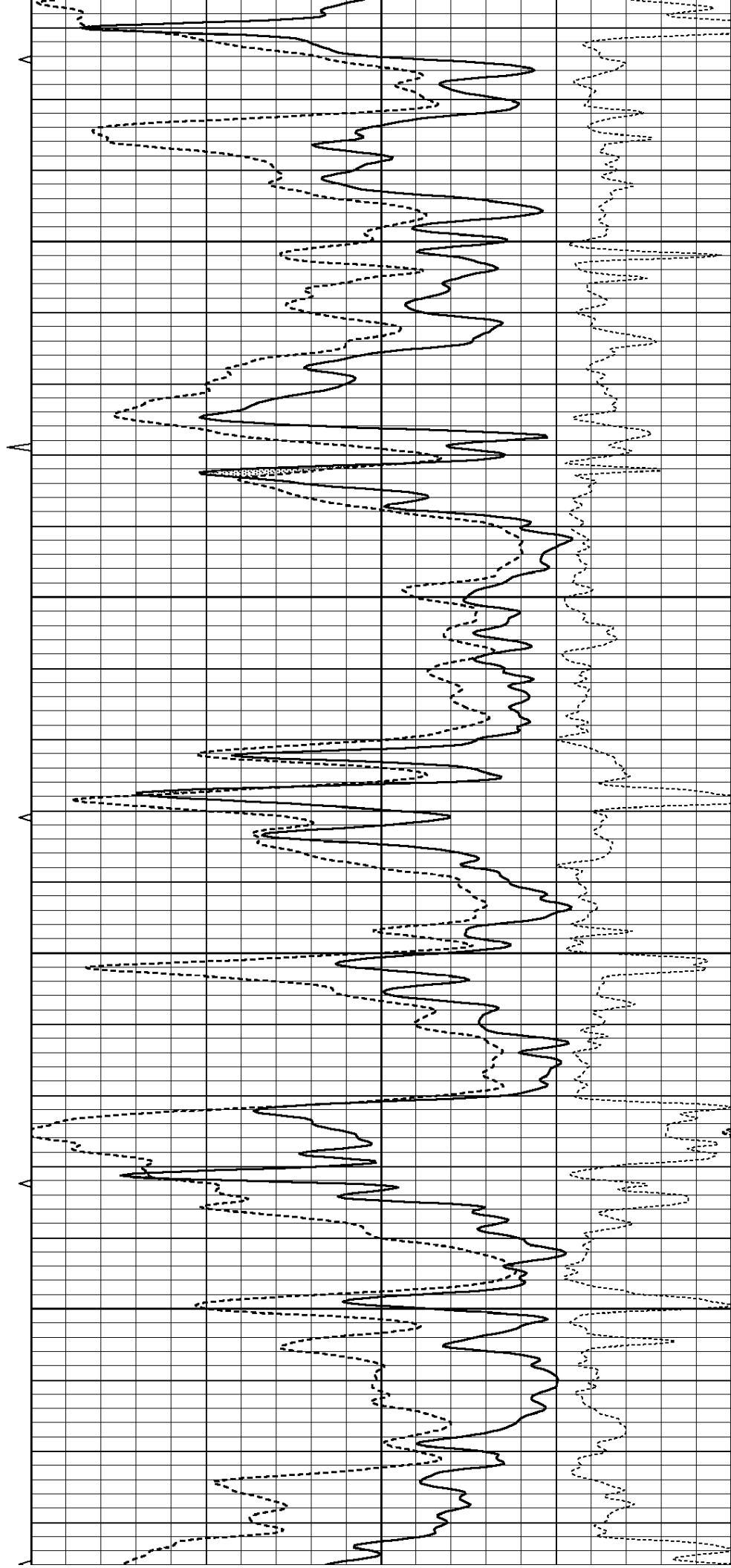


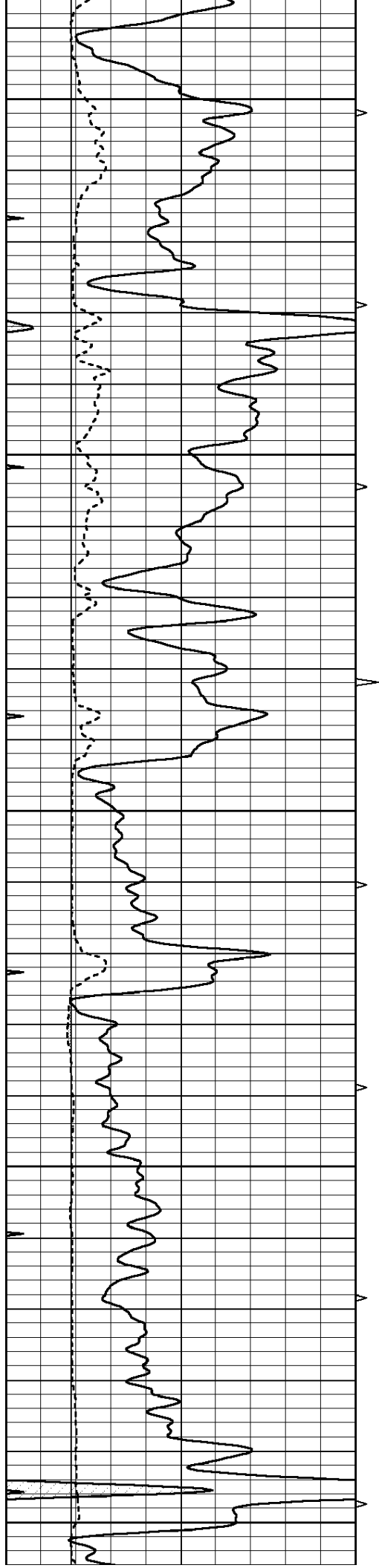
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3800

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4100

