



SUPERIOR
Hays,
Kansas

SONIC LOG

Company LOTUS OPERATING COMPANY, LLC.	
Well #3 MOLZ "L"	
Field STRANATHAN	
County BARBER	
State KANSAS	
Location: API # : 15-007-23692-0000	
SEC 1 TWP 35S RGE 12W	
Permanent Datum GROUND LEVEL	Elevation 1397
Log Measured From KELLY BUSHING 13' A.G.L.	
Drilling Measured From KELLY BUSHING	
Other Services CDL/CNL/PE DIL/MEL	
Elevation K.B. 1410 D.F. 1408 G.L. 1397	
Date 9/28/11	
Run Number TWO	
Depth Driller 5560	
Depth Logger 5566	
Bottom Logged Interval 5553	
Top Log Interval 3700	
Casing Driller 10 3/4"@252'	
Casing Logger 252	
Bit Size 7 7/8"	
Type Fluid in Hole CHEMICAL MUD	CHLORIDES 2,000 PPM
Density / Viscosity 9.3/49	
pH / Fluid Loss 10.0/8.8	
Source of Sample FLOWLINE	
Rm @ Meas. Temp .850@82F	
Rmt @ Meas. Temp .636@82F	
Rmc @ Meas. Temp 1.02@82F	
Source of Rmt / Rmc MEASUREMENT	
Rm @ BHT .536@130F	
Time Circulation Stopped 5.5 HOURS	
Time Logger on Bottom 6:45 A.M.	
Maximum Recorded Temperature 130F	
Equipment Number 4010	
Location HAYS, KANSAS	
Recorded By JEFF LUEBBERS	
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

THANK YOU FOR USING SUPERIOR WELL SERVICE HAYS, KANSAS (785) 628-6395
DIRECTIONS

MEDICINE LODGE, KS. (JUNCTION OF HWY 160 & 281) 17S. ON HWY 281 PAST "DRIFTWOOD RD.", W.
INTO CATTLE GUARD THEN BACK NORTH

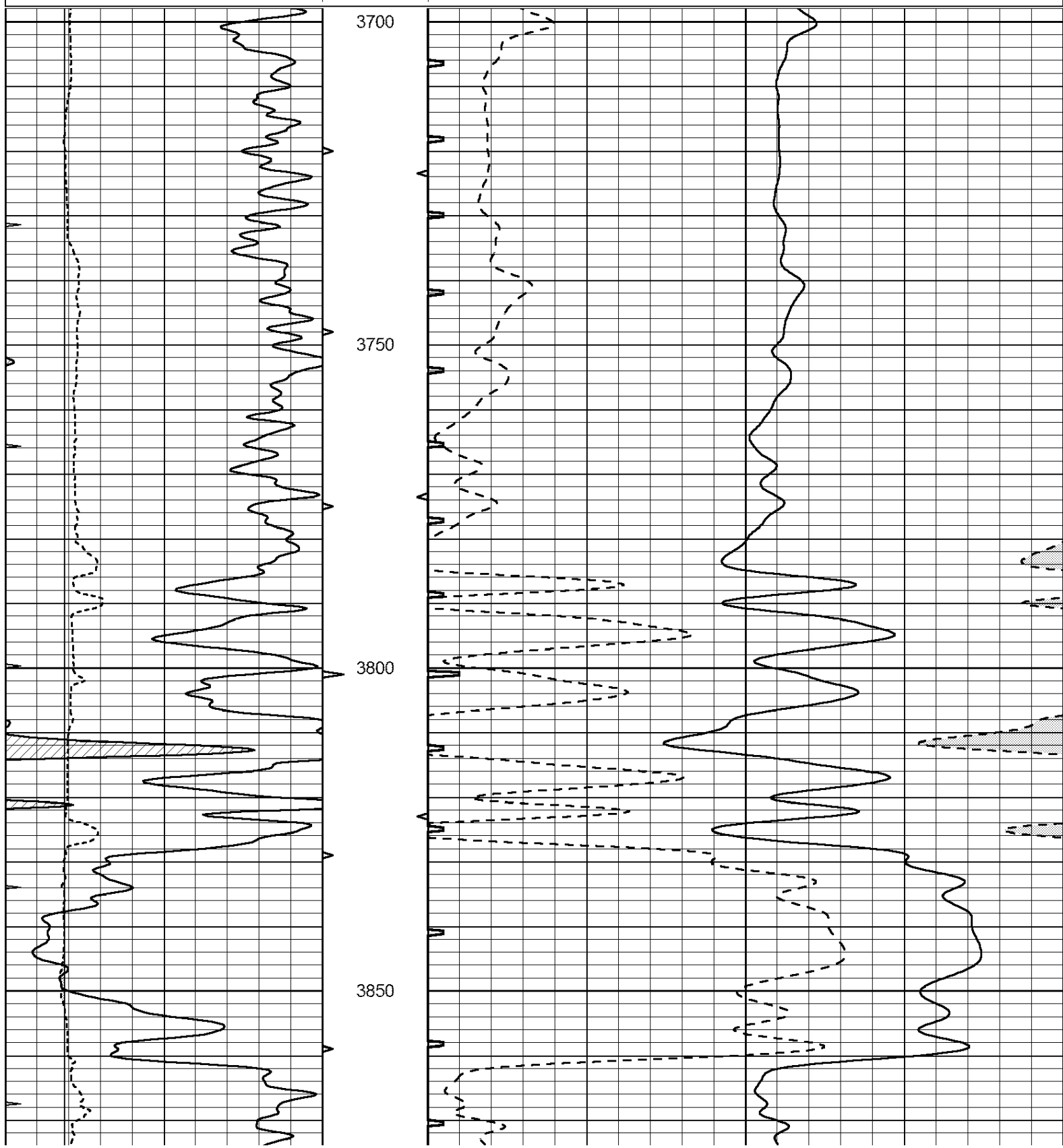


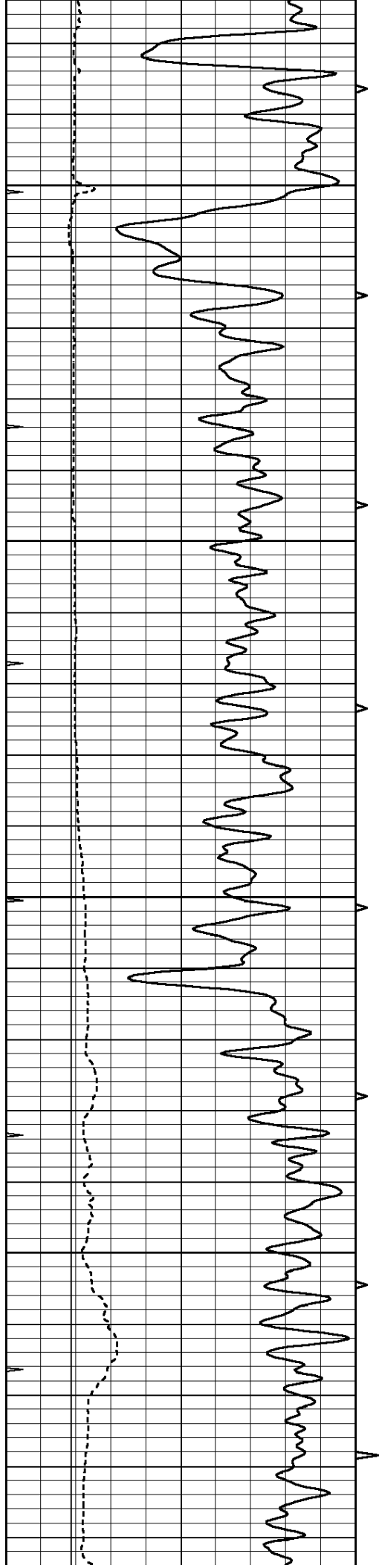
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MAIN SECTION

Database File: 007456pe.db
 Dataset Pathname: pass6.3
 Presentation Format: slt
 Dataset Creation: Wed Sep 28 11:13:53 2011
 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			



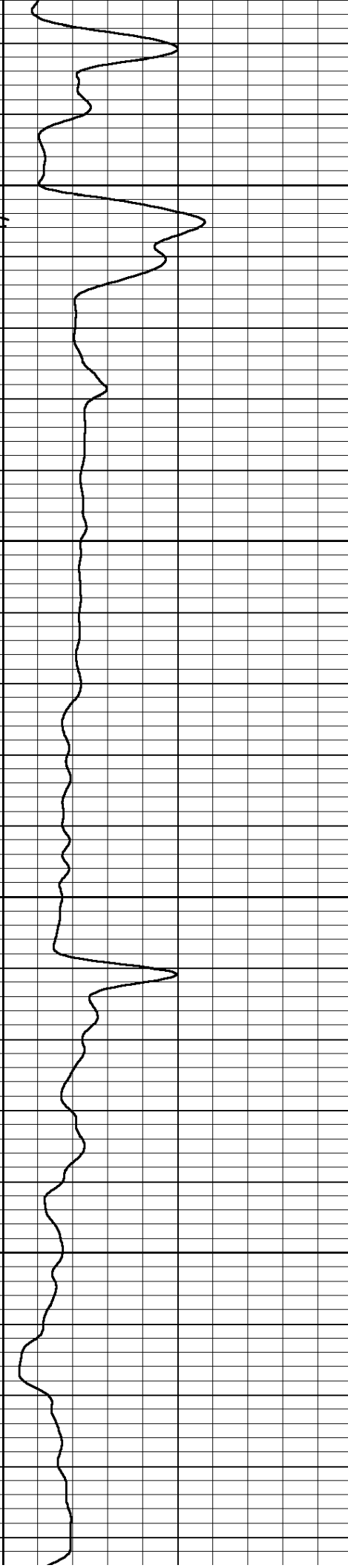
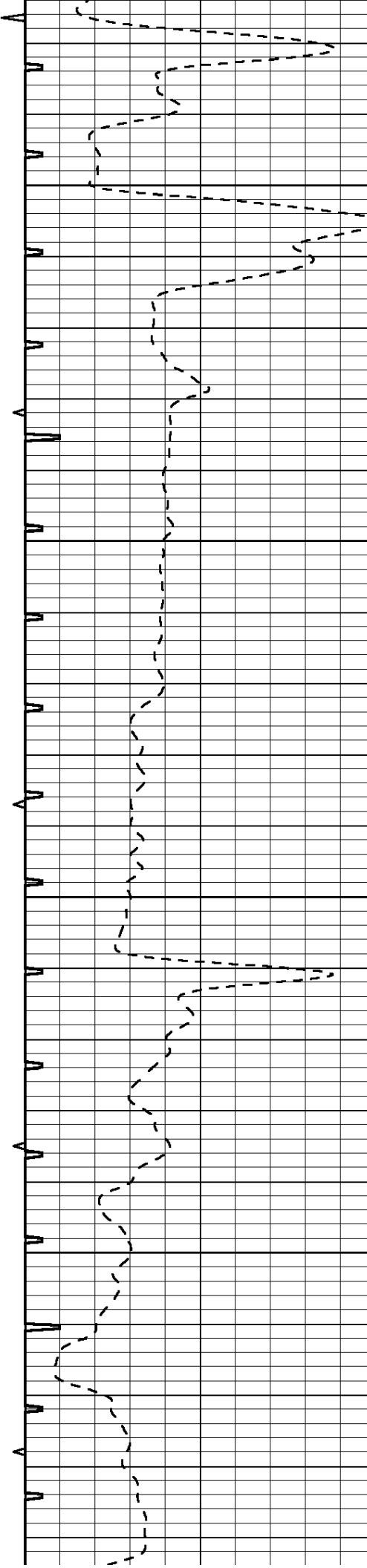


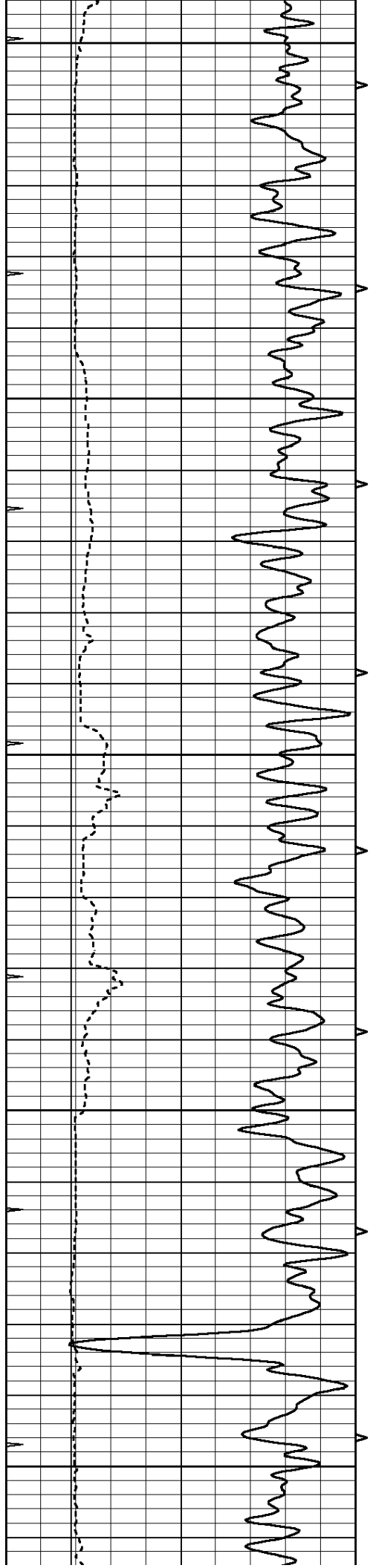
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3950

4000

4050





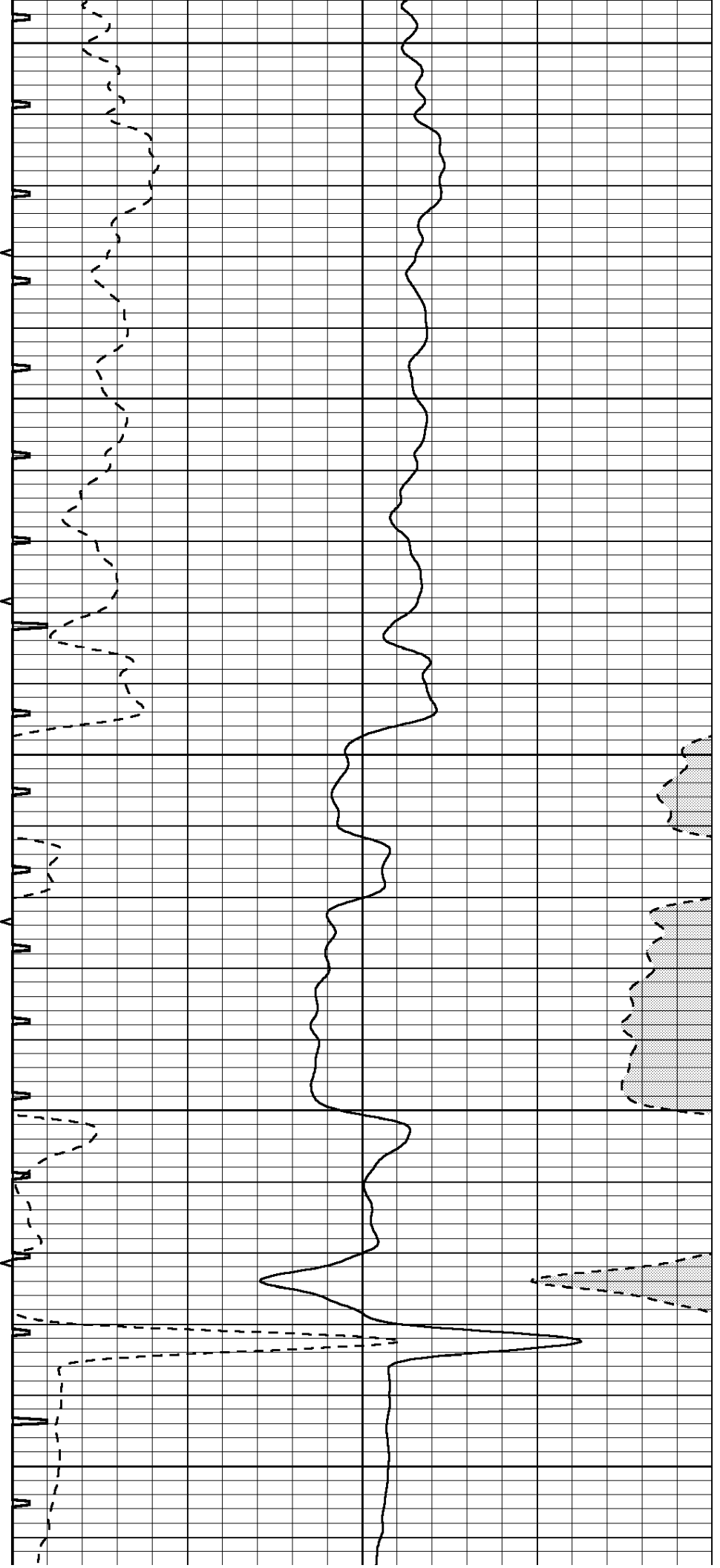
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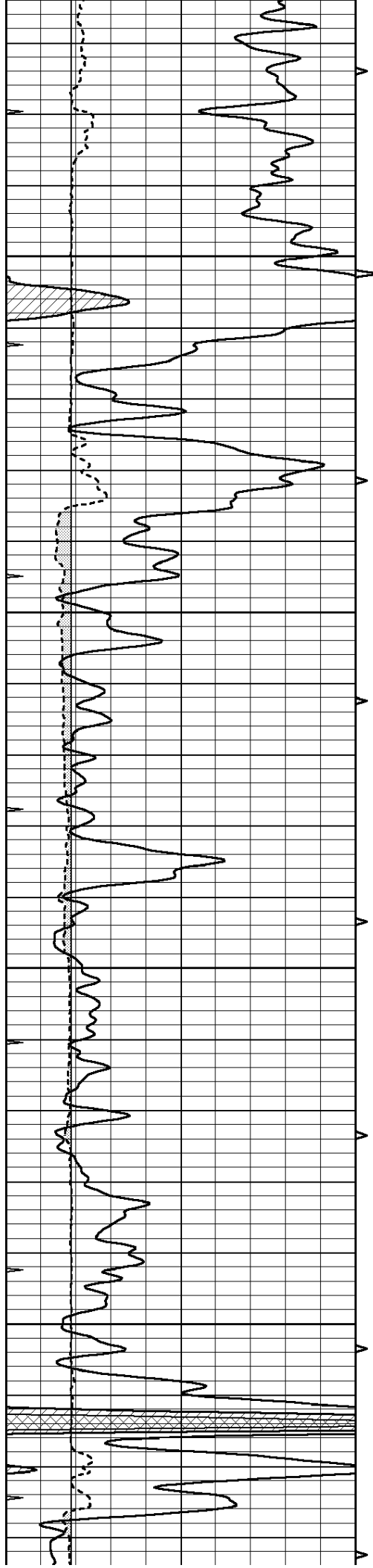
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4200

4250

4300



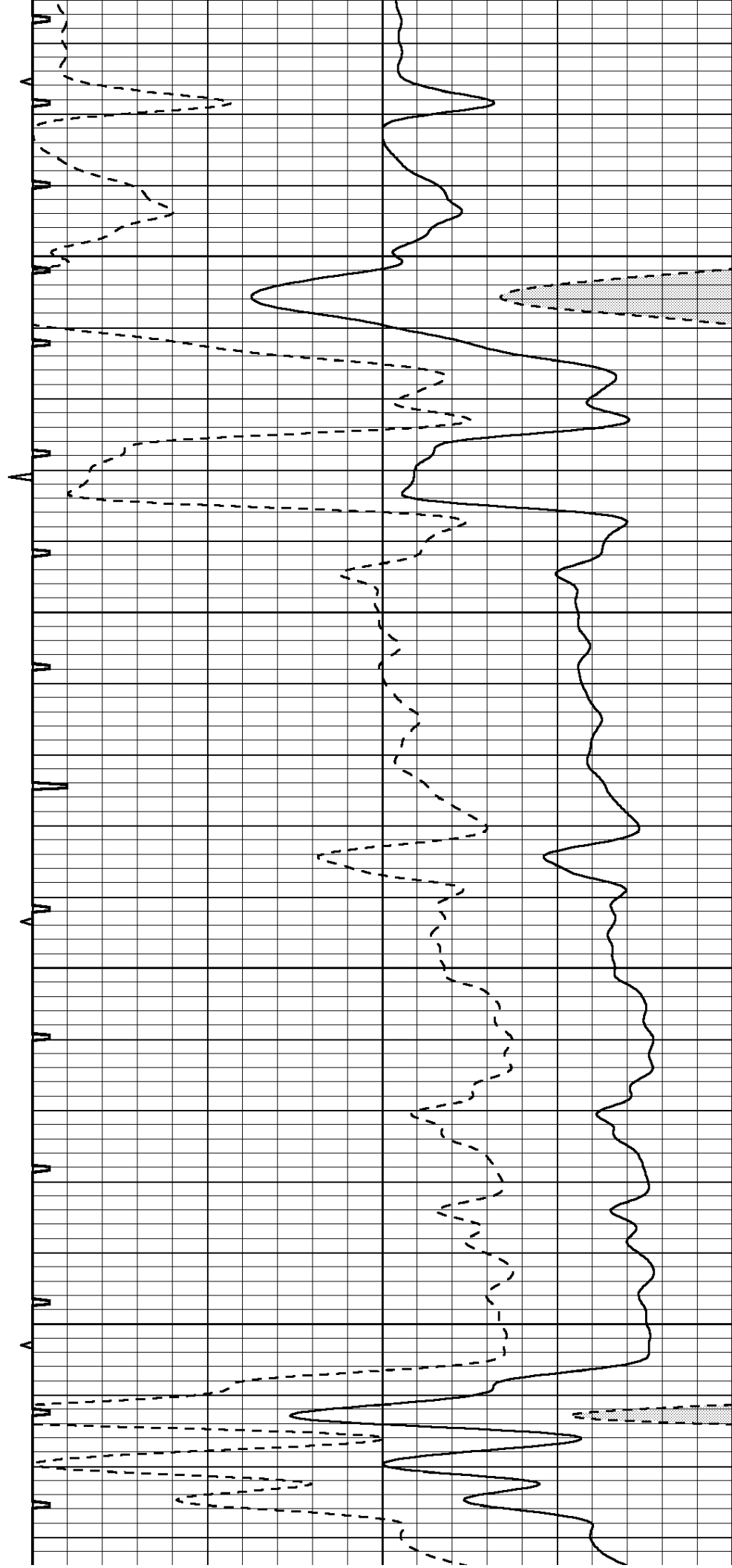


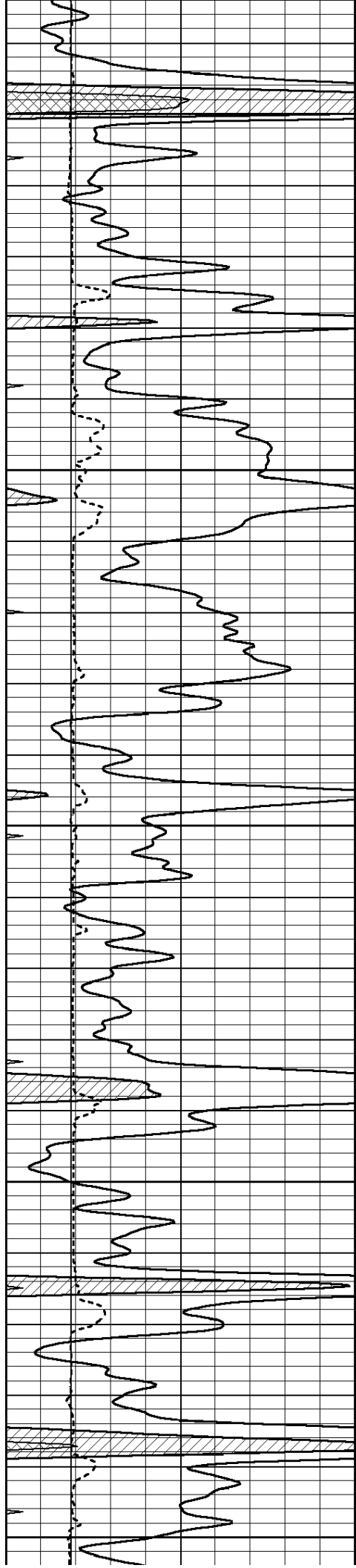
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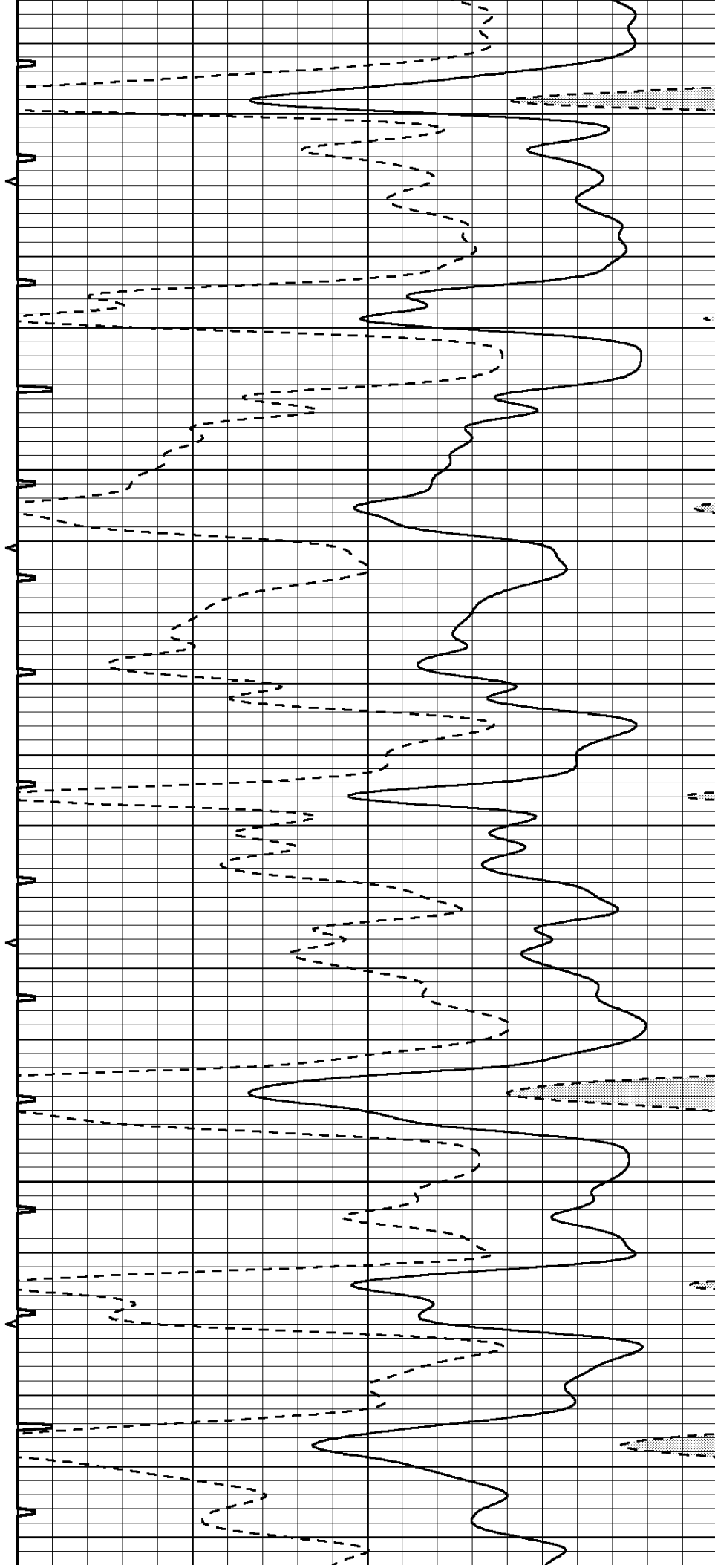
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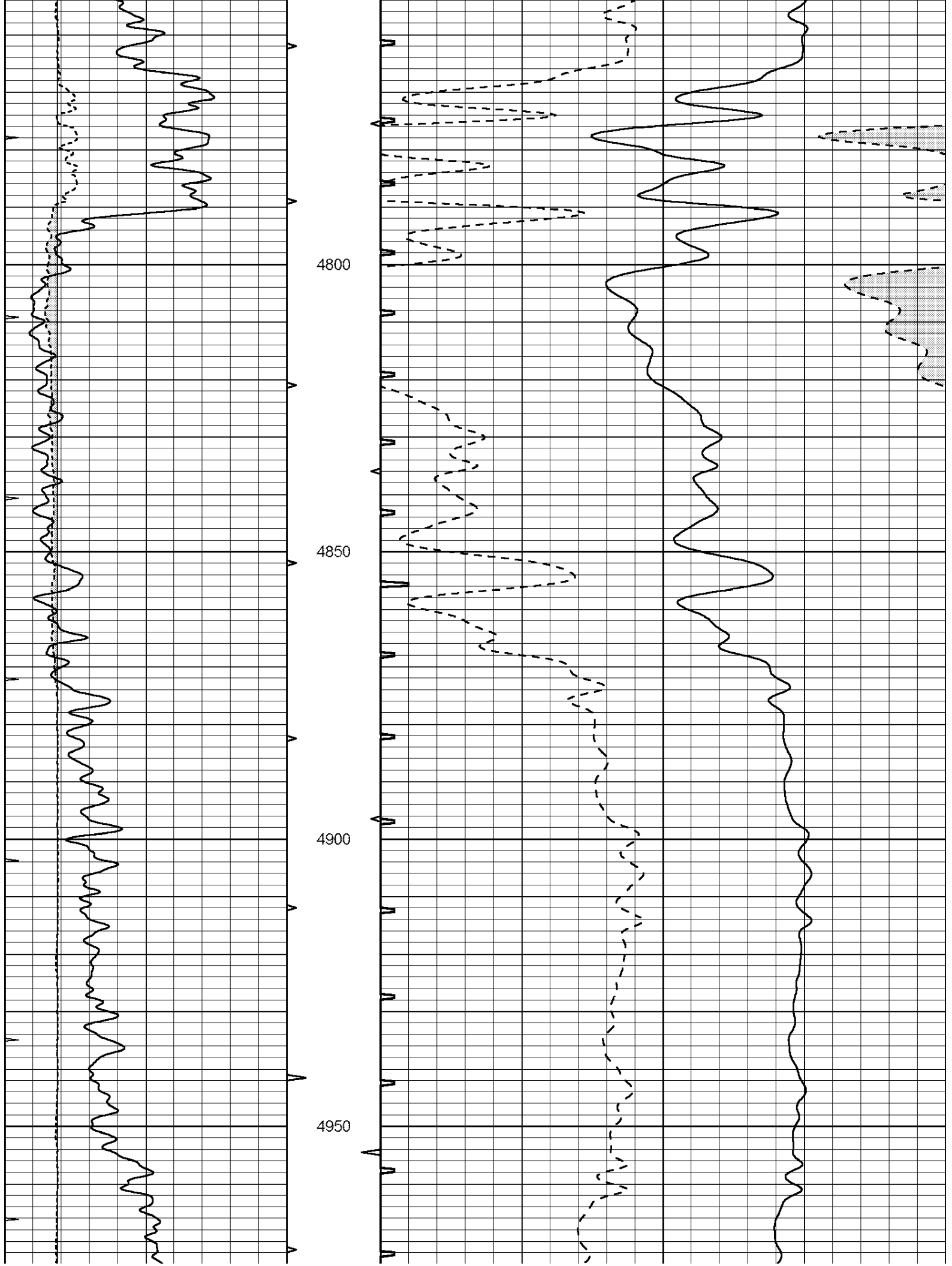
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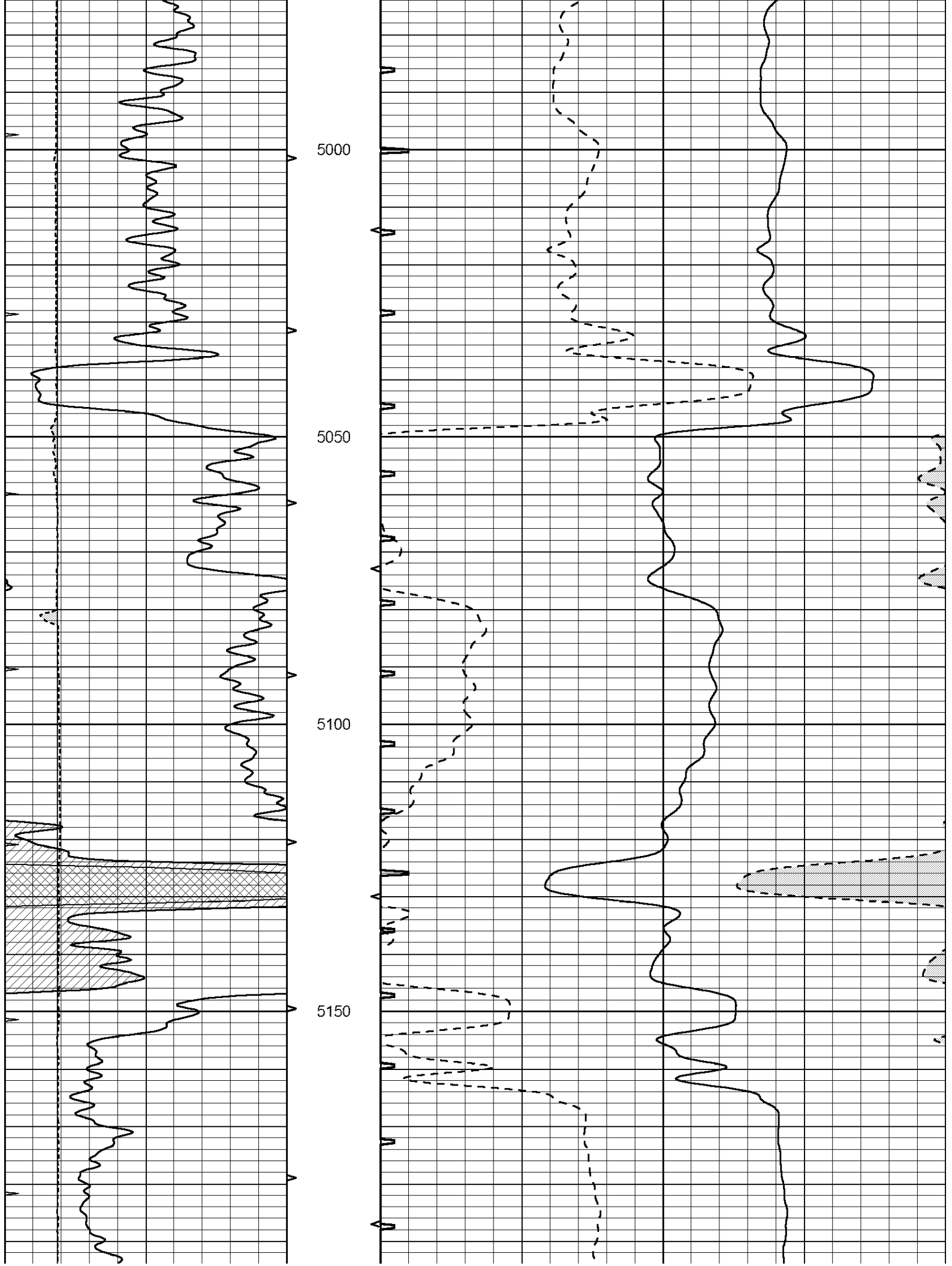
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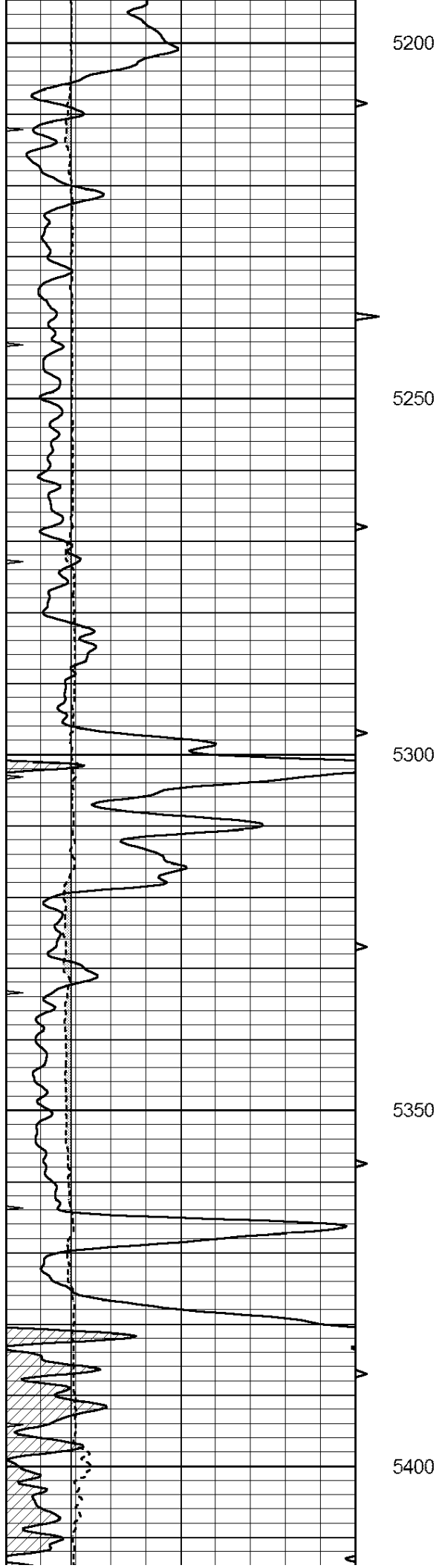
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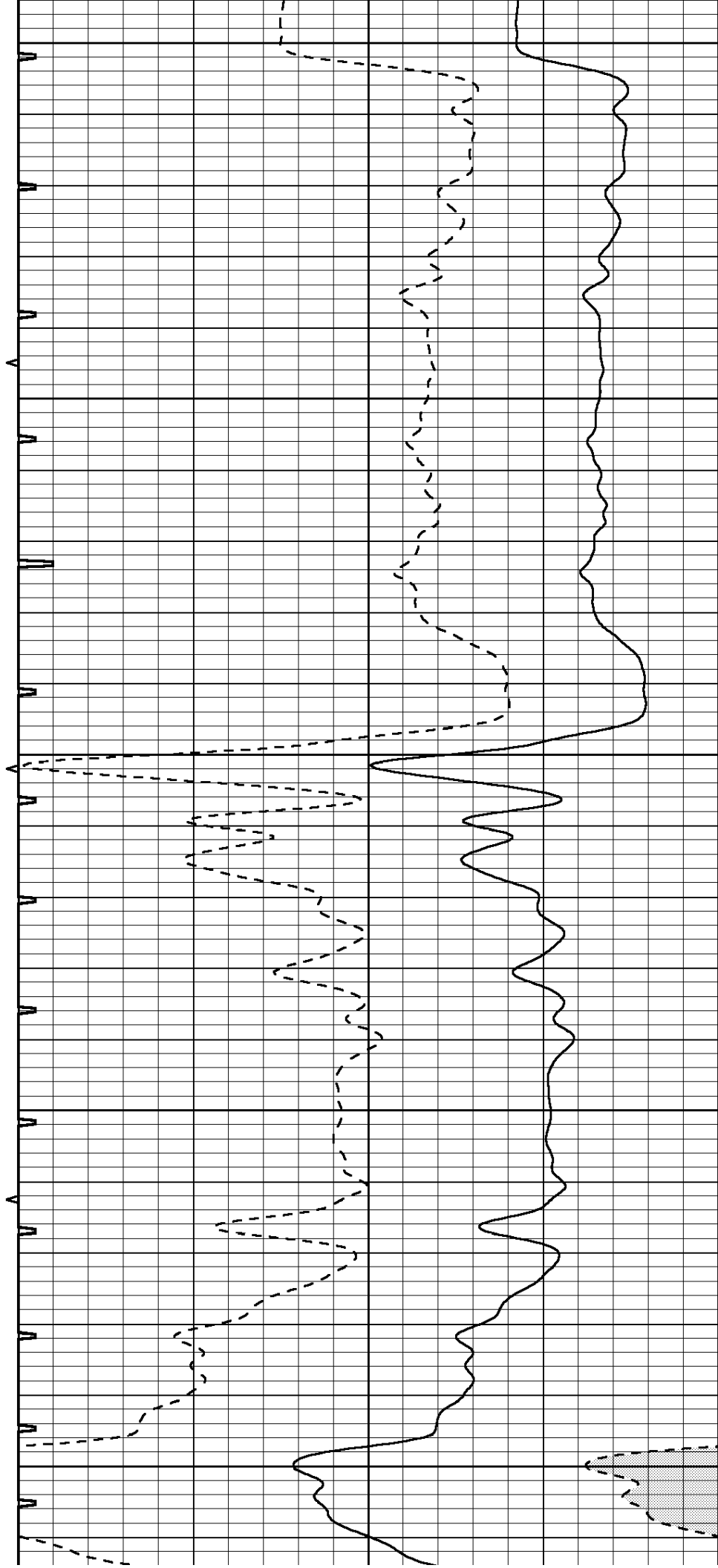
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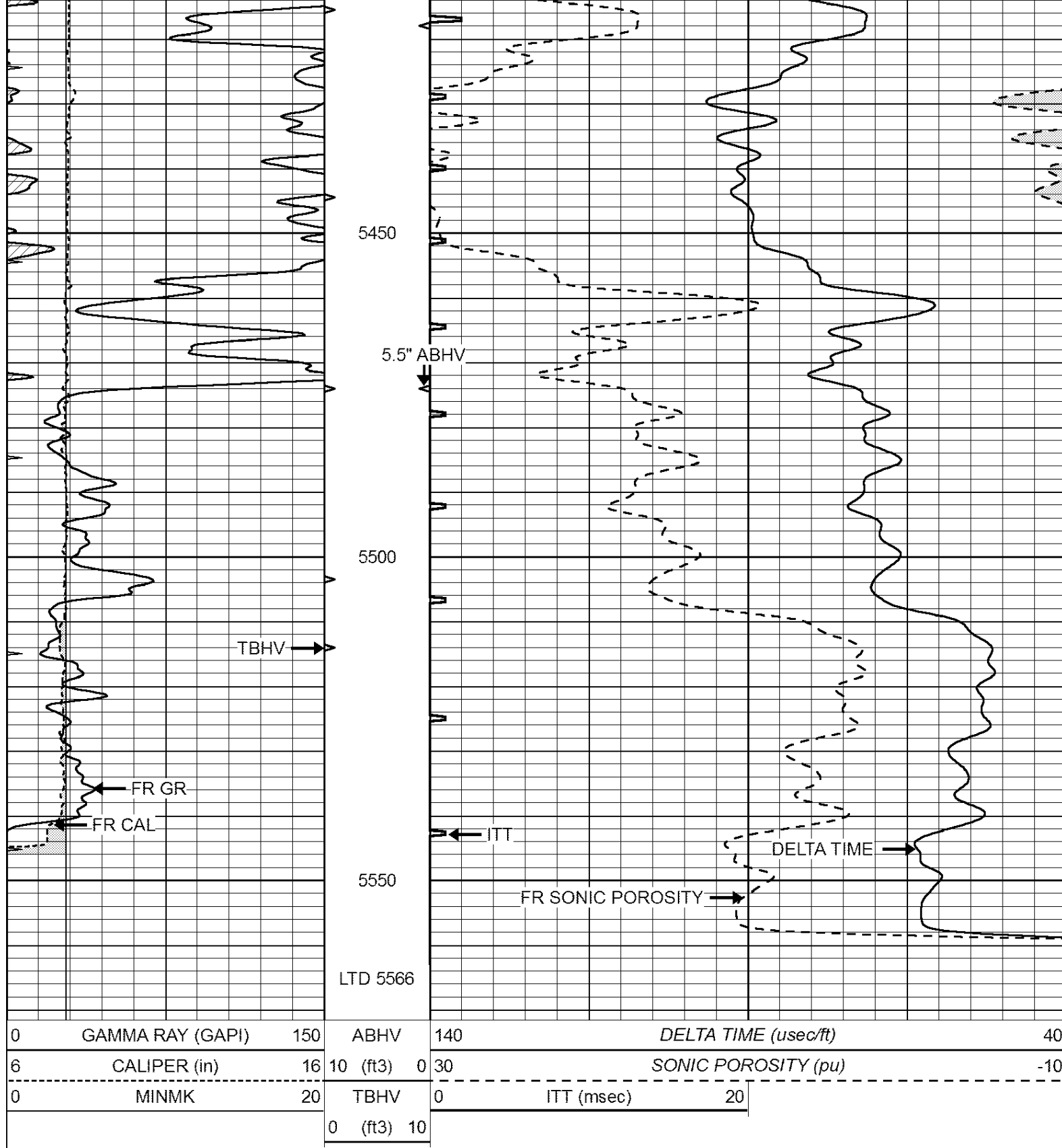
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REPEAT SECTION

Database File: 007456pe.db
 Dataset Pathname: pass5.3
 Presentation Format: slt
 Dataset Creation: Wed Sep 28 11:51:41 2011
 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			

