



**COMPLETION
& PRODUCTION
SERVICES CO.**

**SONIC
LOG**

Company WHITE EXPLORATION, INC.
Well CHAIN RANCH "A" #2
Field WILDCAT
County BARBER
State KANSAS

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Field WILDCAT
County BARBER State KANSAS

Location: API # : 15-007-24018-0000
2050' FNL & 330' FEL
SEC 1 TWP 31S RGE 12W
Permanent Datum GROUND LEVEL Elevation 1689
Log Measured From KELLY BUSHING 10' A.G.L.
Drilling Measured From KELLY BUSHING
Other Services
CDL/CNL/PE
DIL/ME/LFF
Elevation
K.B. 1699
D.F. 1697
G.L. 1689

Date	5/20/13
Run Number	TWO
Depth Driller	4548
Depth Logger	4548
Bottom Logged Interval	4536
Top Log Interval	3000
Casing Driller	8 5/8"@310'
Casing Logger	307
Bit Size	7 7/8"
Type Fluid in Hole	CHEMICAL MUD
Density / Viscosity	9.5/44
pH / Fluid Loss	9.5/12.8
Source of Sample	FLOWLINE
Rim @ Meas. Temp	.680@88F
Rmf @ Meas. Temp	.510@88F
Rmc @ Meas. Temp	.816@88F
Source of Rmf / Rmc	MEASUREMENT
Rim @ BHT	.495@121F
Time Circulation Stopped	5 HOURS
Time Logger on Bottom	7:30 P.M.
Maximum Recorded Temperature	121F
Equipment Number	4854
Location	HAYS, KANSAS
Recorded By	JEFF LUEBBERS
Witnessed By	TOM WILLIAMS

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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

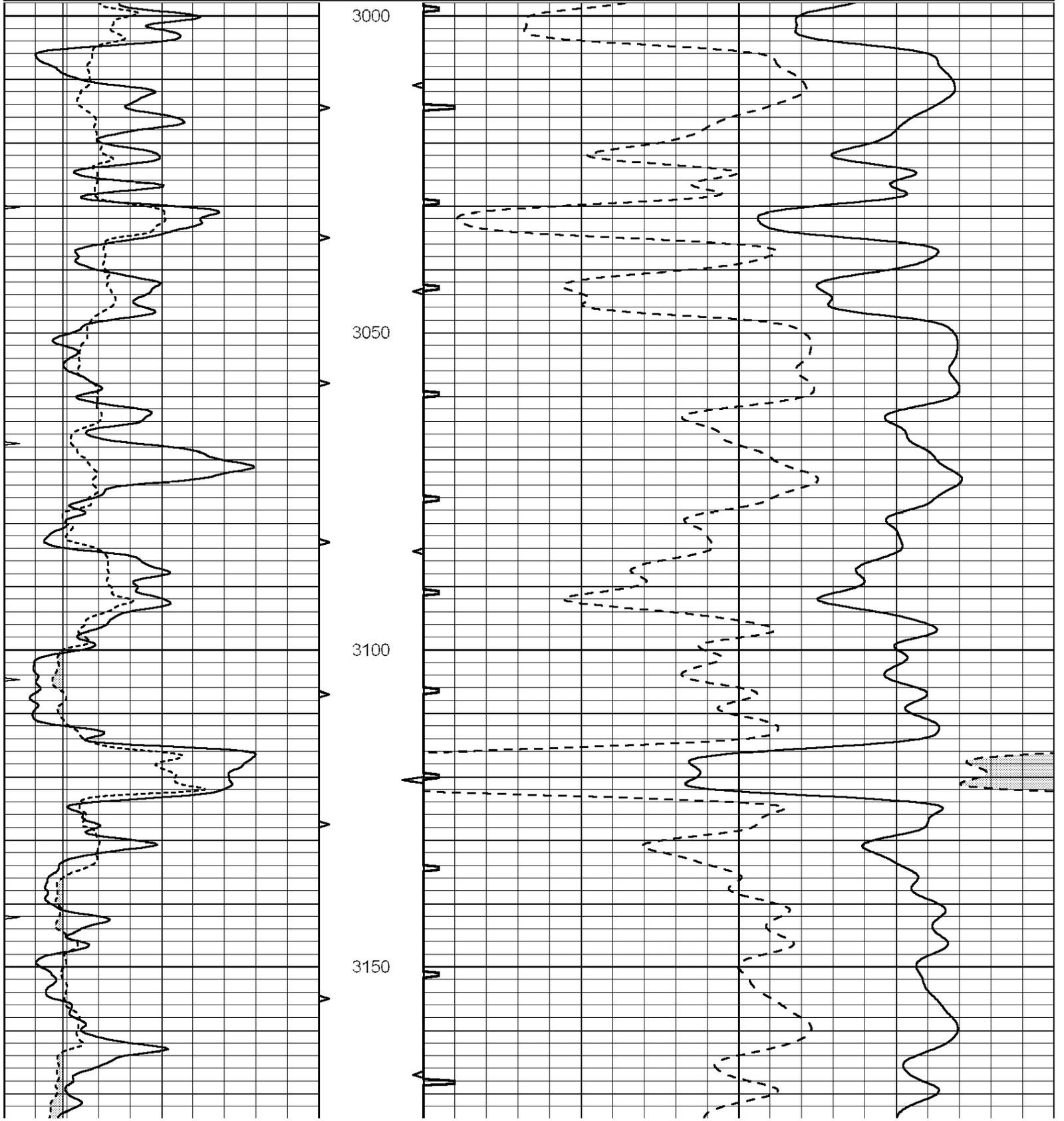
THANK YOU FOR USING "NABORS" HAYS, KANSAS (785) 628-6395
DIRECTIONS
MEDICINE LODGE, KS., 6N. ON HWY 281 TO (99 SPRINGS SIGN) JOG 1/2 N.E. TO "GAILLANDIA RD.", TURN RIGHT & GO 1 E. AROUND CURVES TO CATTLE GUARD, 1S. ON LEASE RD. IN PASTURE

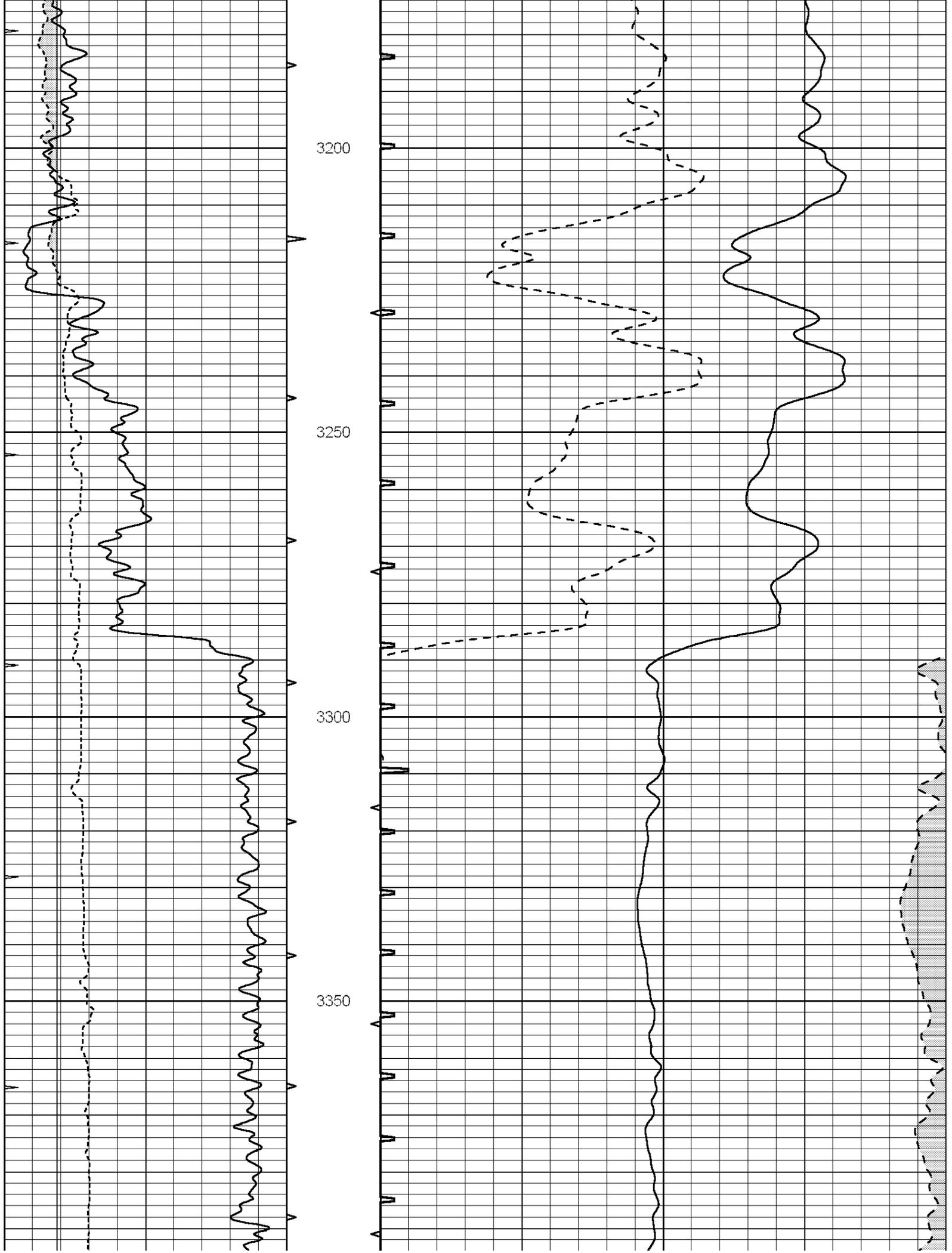


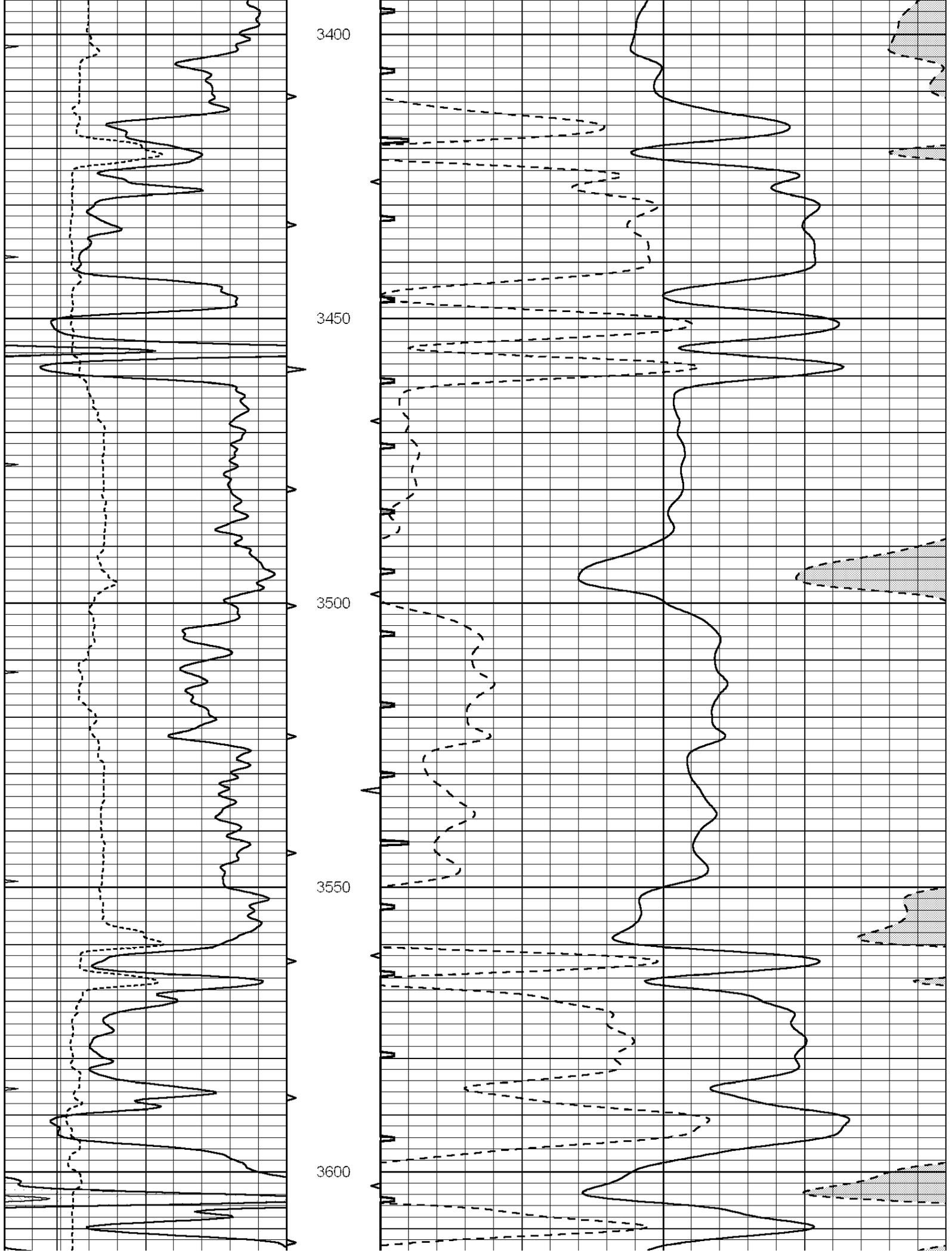
REPEAT SECTION

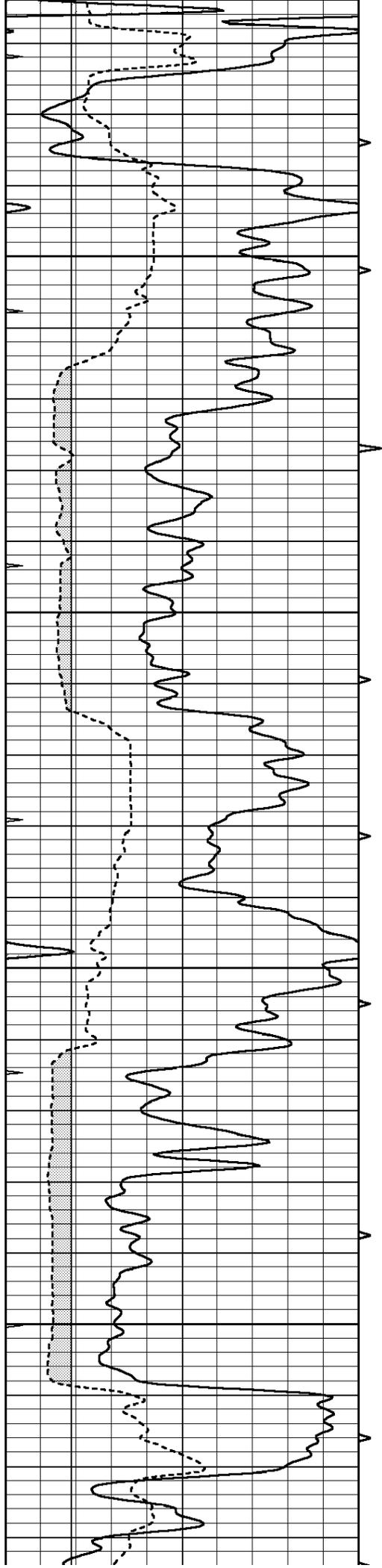
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 Presentation Format: slt
 Dataset Creation: Mon May 20 22:57:50 2013
 Charted by: Depth in Feet scaled 1:240

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			







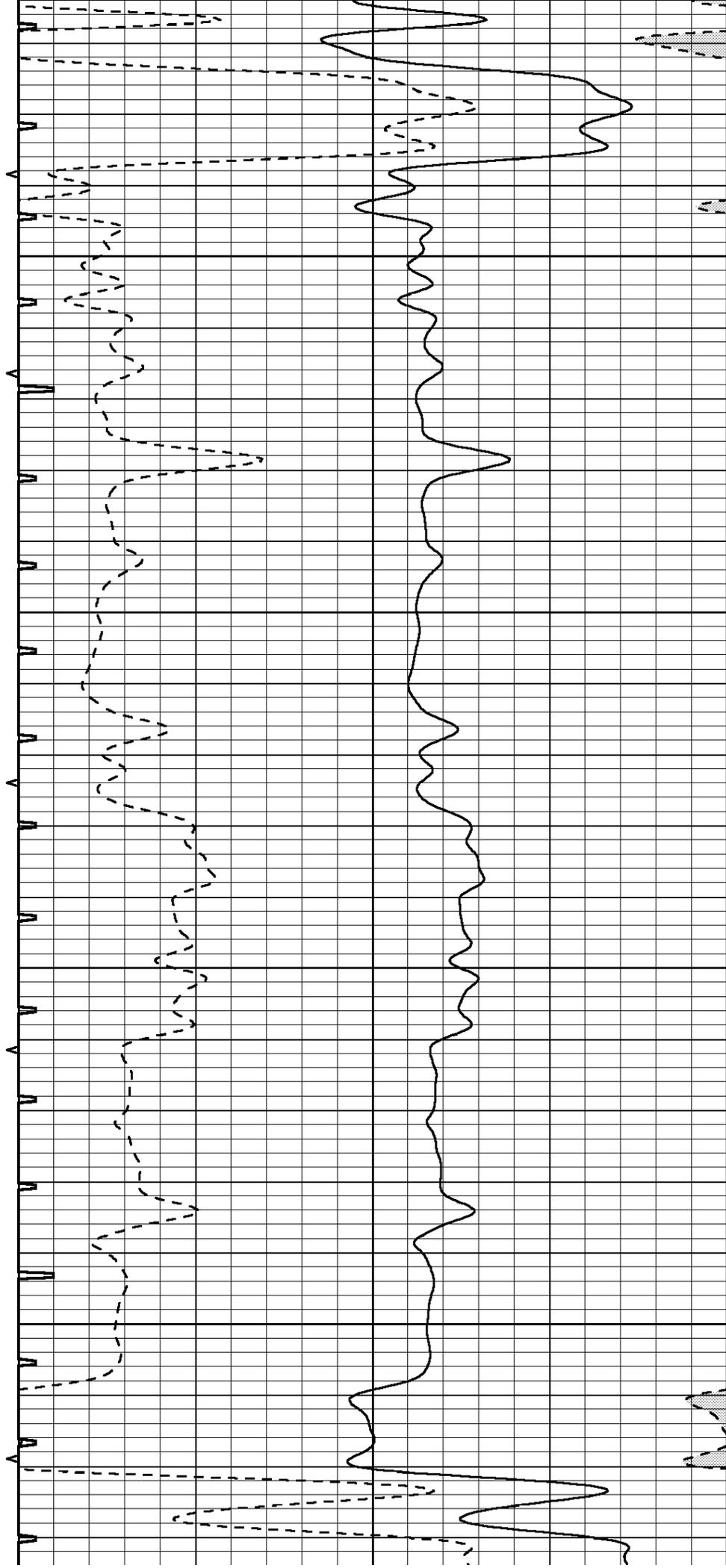


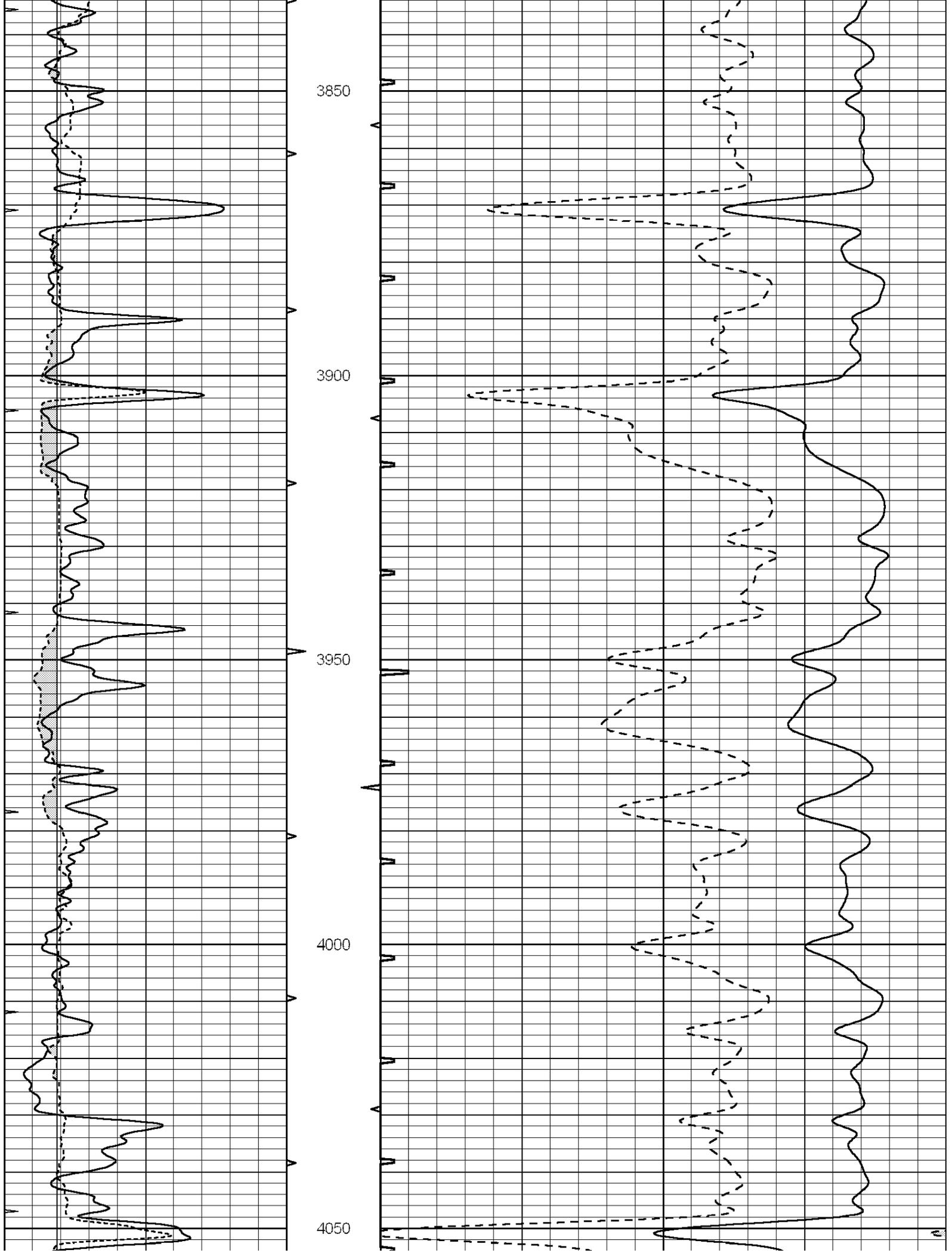
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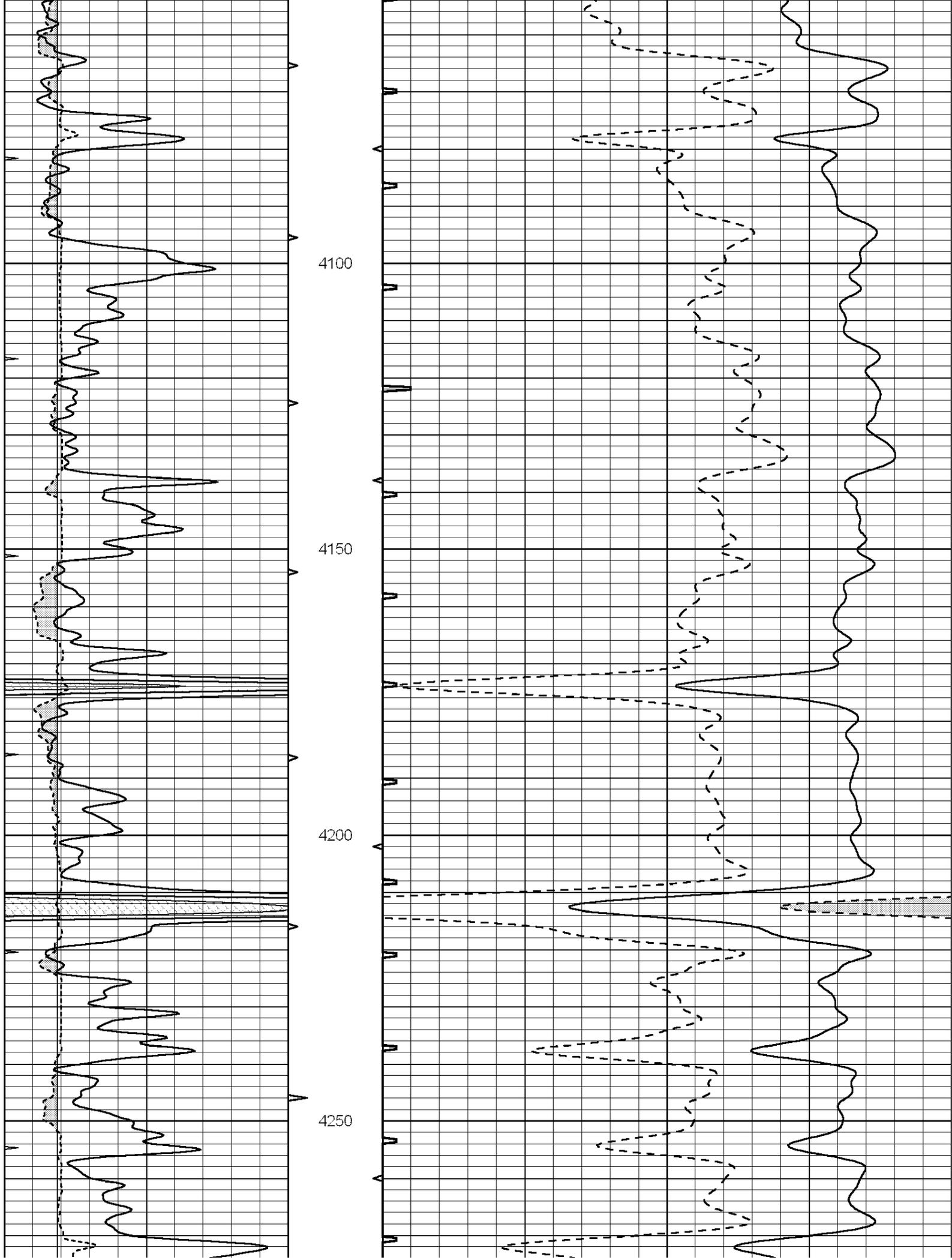
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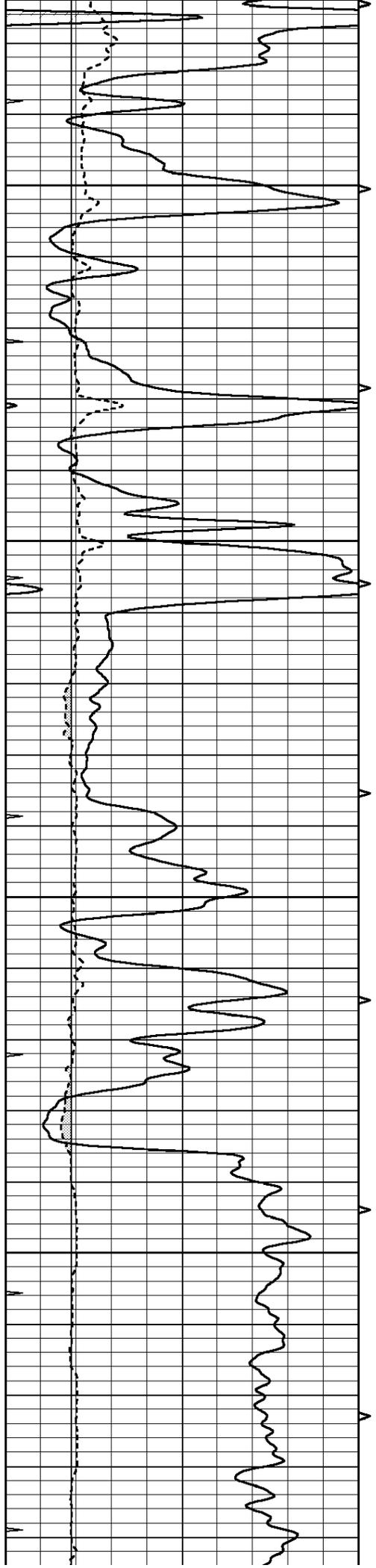
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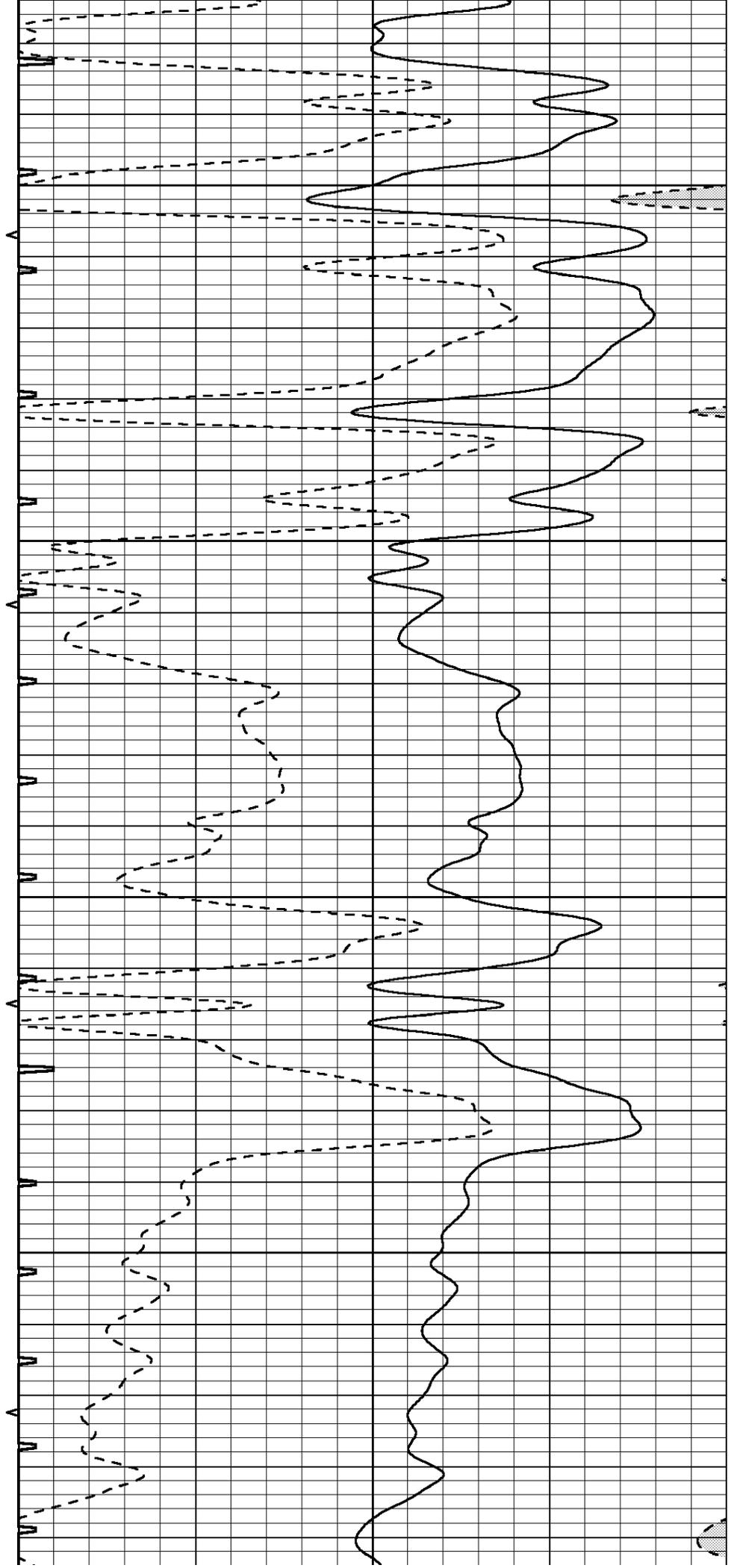


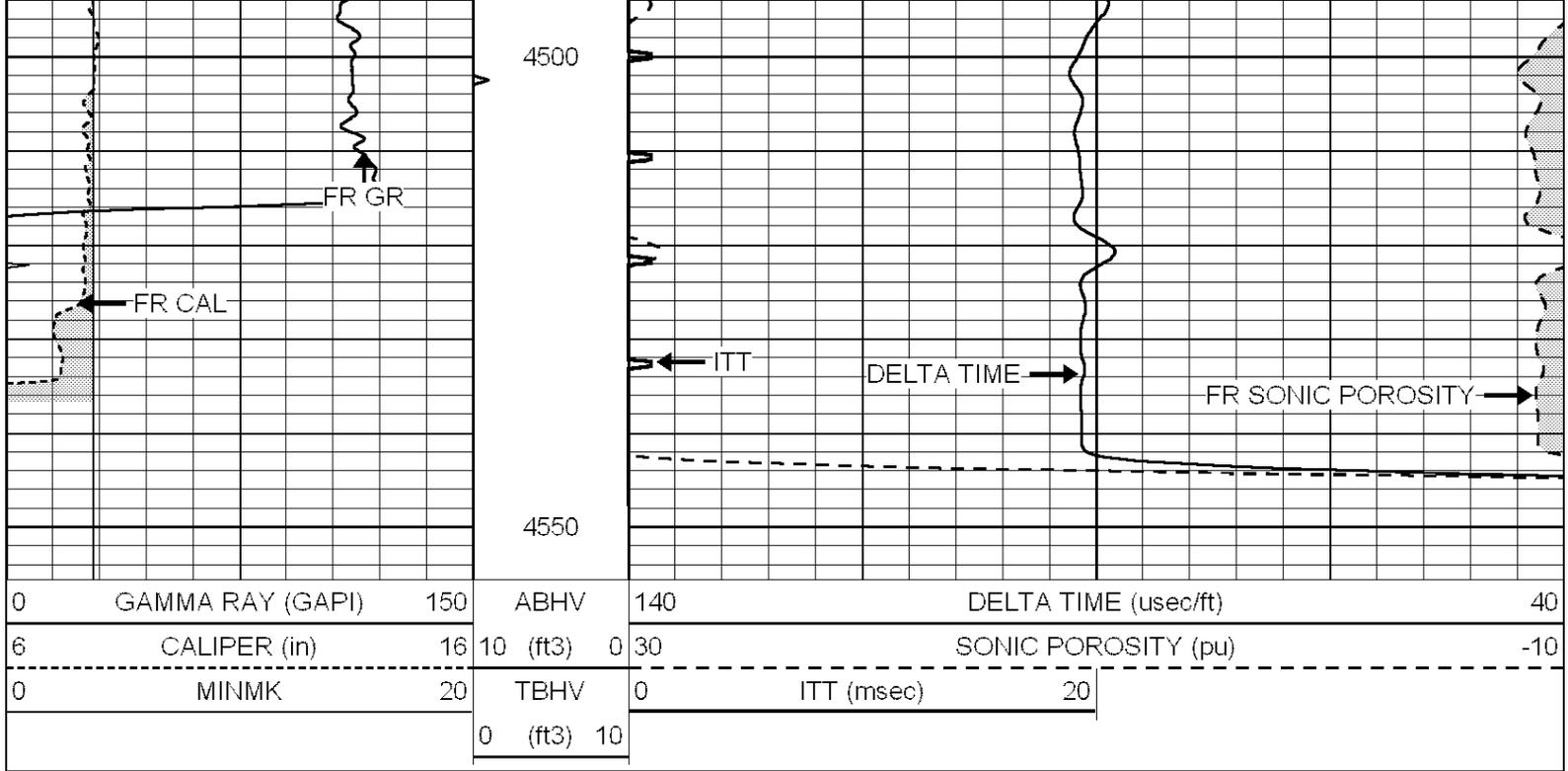
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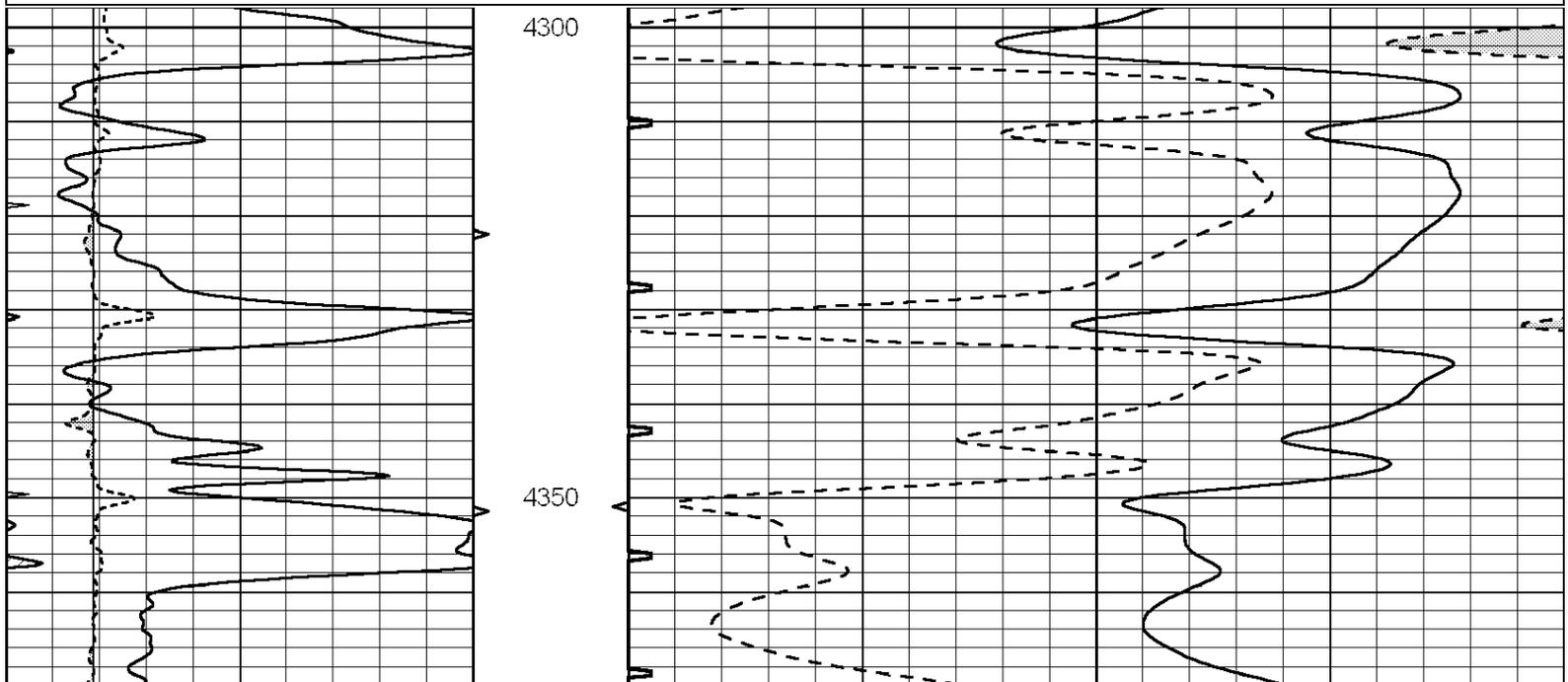
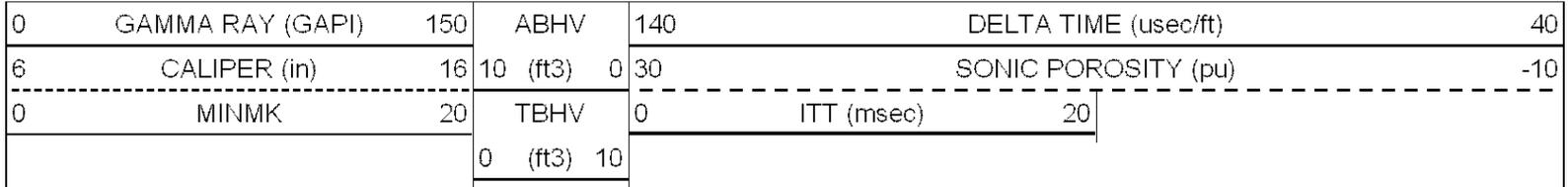
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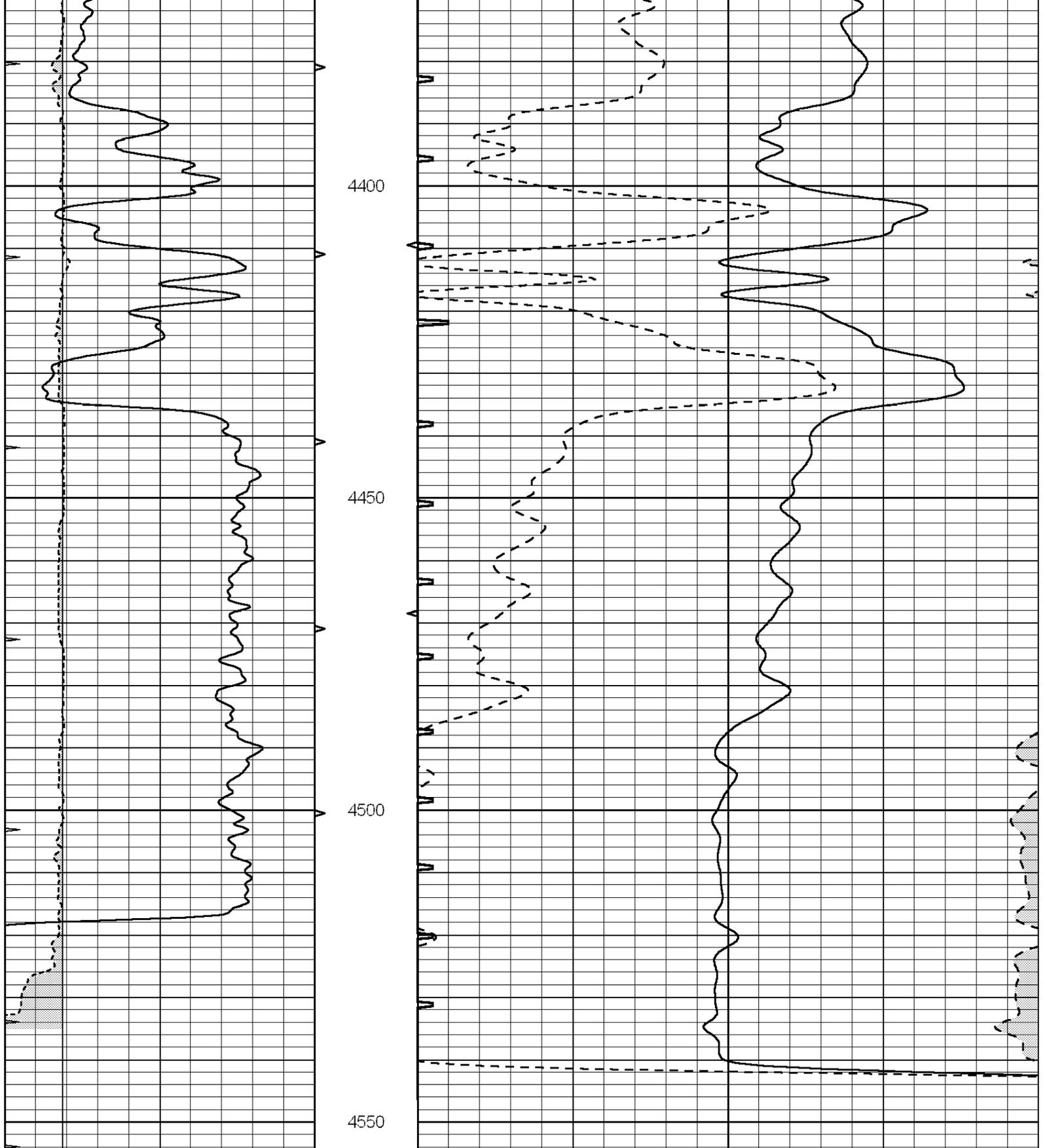




REPEAT SECTION

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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			