



SUPERIOR
Hays,
Kansas

COMPENSATED
DENSITY / NEUTRON
LOG

Company	RITCHIE EXPLORATION, INC.		
Well	#1 BEOUGHER - OTTLEY		
Field	WILDCAT		
County	GOVE	State	KANSAS
Location:	API # : 15-063-22024		Other Services
600' FSL & 145' FEL		DIL	
SEC 12 TWP 13S RGE 31W		Elevation	
Permanent Datum	GROUND LEVEL	Elevation	2879
Log Measured From	KELLY BUSHING 10' A.G.L.	K.B.	2889
Drilling Measured From	KELLY BUSHING	D.F.	
		G.L.	2879
Date	8-5-12		
Run Number	ONE		
Depth Driller	4700		
Depth Logger	4701		
Bottom Logged Interval	4677		
Top Log Interval	3500		
Casing Driller	225		
Casing Logger	225		
Bit Size	7.875		
Type Fluid in Hole	CHEMICAL MUD		
Density / Viscosity	9.3 / 63		
pH / Fluid Loss	11.5 / 8.0		
Source of Sample	FLOWLINE		
Rim @ Meas. Temp	1.20 @ 80F		
Rmf @ Meas. Temp	0.90 @ 80F		
Rmc @ Meas. Temp	1.44 @ 80F		
Source of Rmf / Rmc	MEASURED		
Rim @ BHT	.790 @ 122F		
Time Circulation Stopped	3 HOURS		
Time Logger on Bottom	9:30 A.M.		
Maximum Recorded Temperature	122F		
Equipment Number	860		
Location	HAYS, KS.		
Recorded By	RUPP		
Witnessed By	MIKE ENGELBRECHT		

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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

SUPERIOR WELL SERVICES
785-628-6395
THANK YOU FOR YOUR BUSINESS
DIRECTIONS: OAKLEY, 11S TO GOVE RD., 8E TO RD. #22, 2S, W INTO.

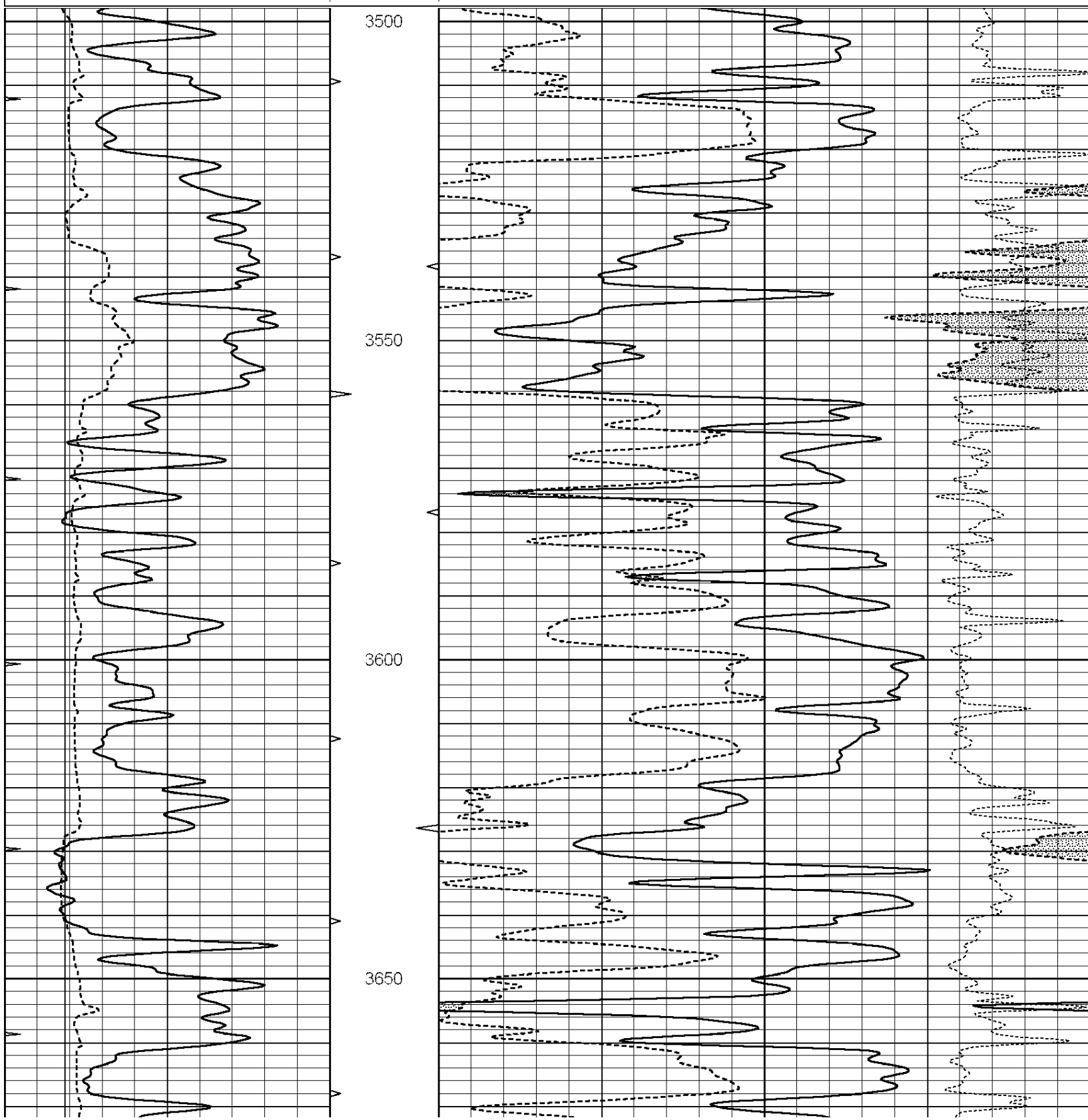


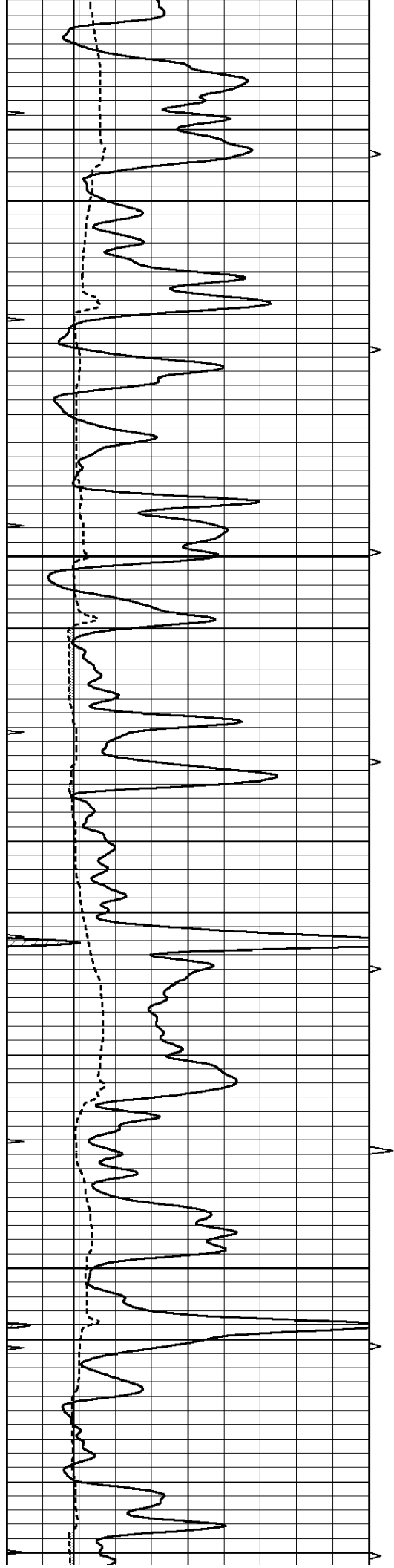
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MAIN SECTION

Database File: 009566ddn.db
Dataset Pathname: pass3.2
Presentation Format: den_neu
Dataset Creation: Sun Aug 05 11:47:32 2012
Charted by: Depth in Feet scaled 1:240

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		



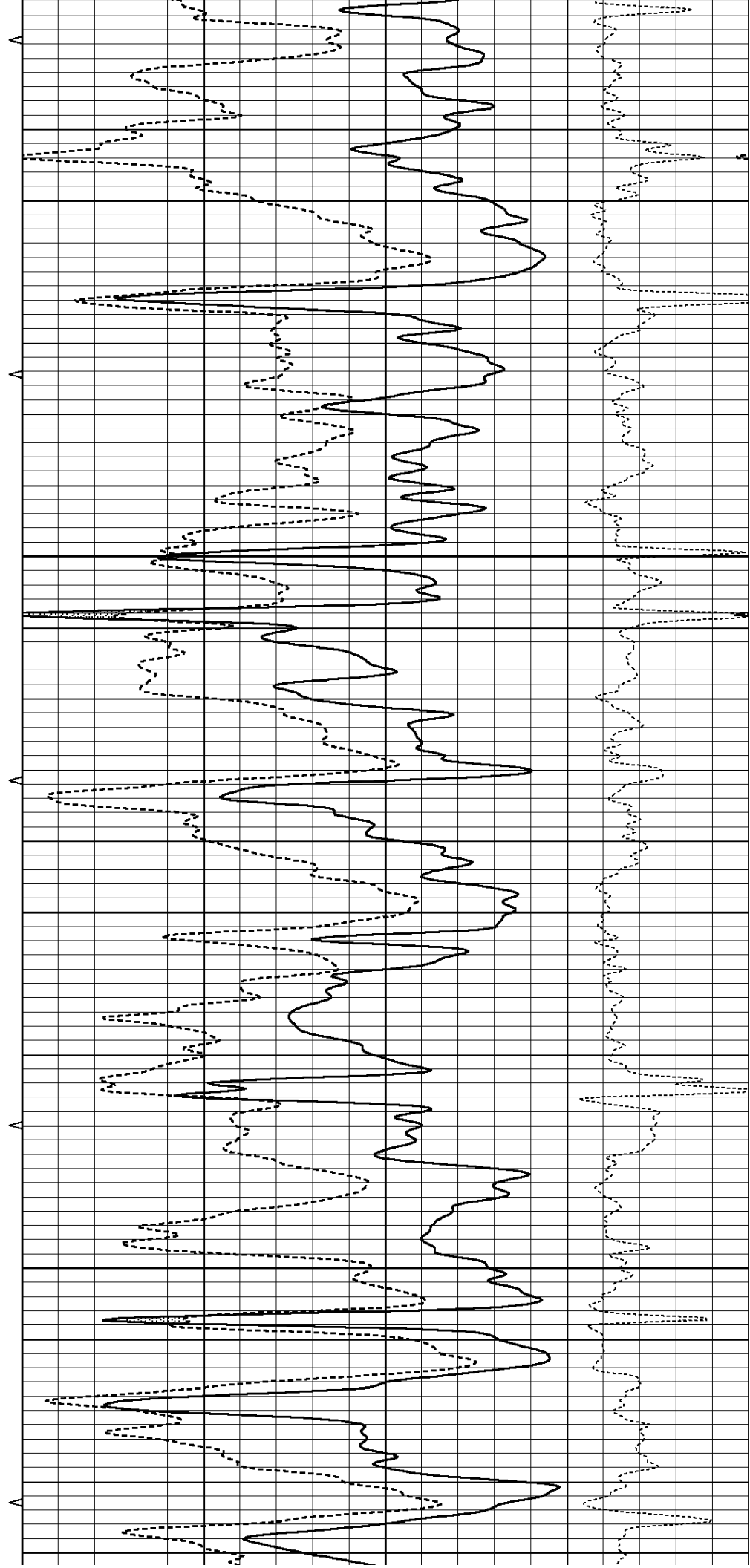


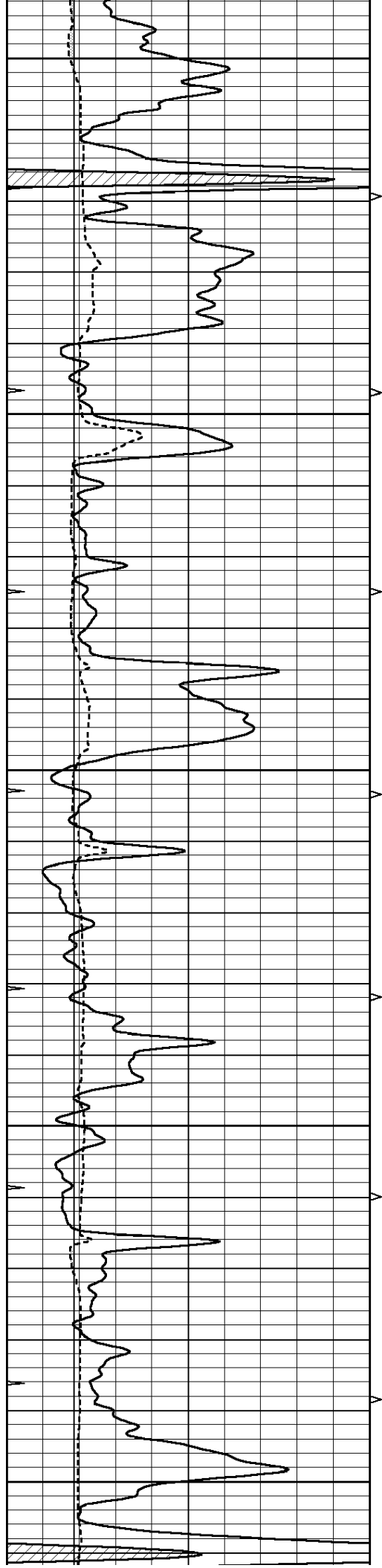
3700

3750

3800

3850





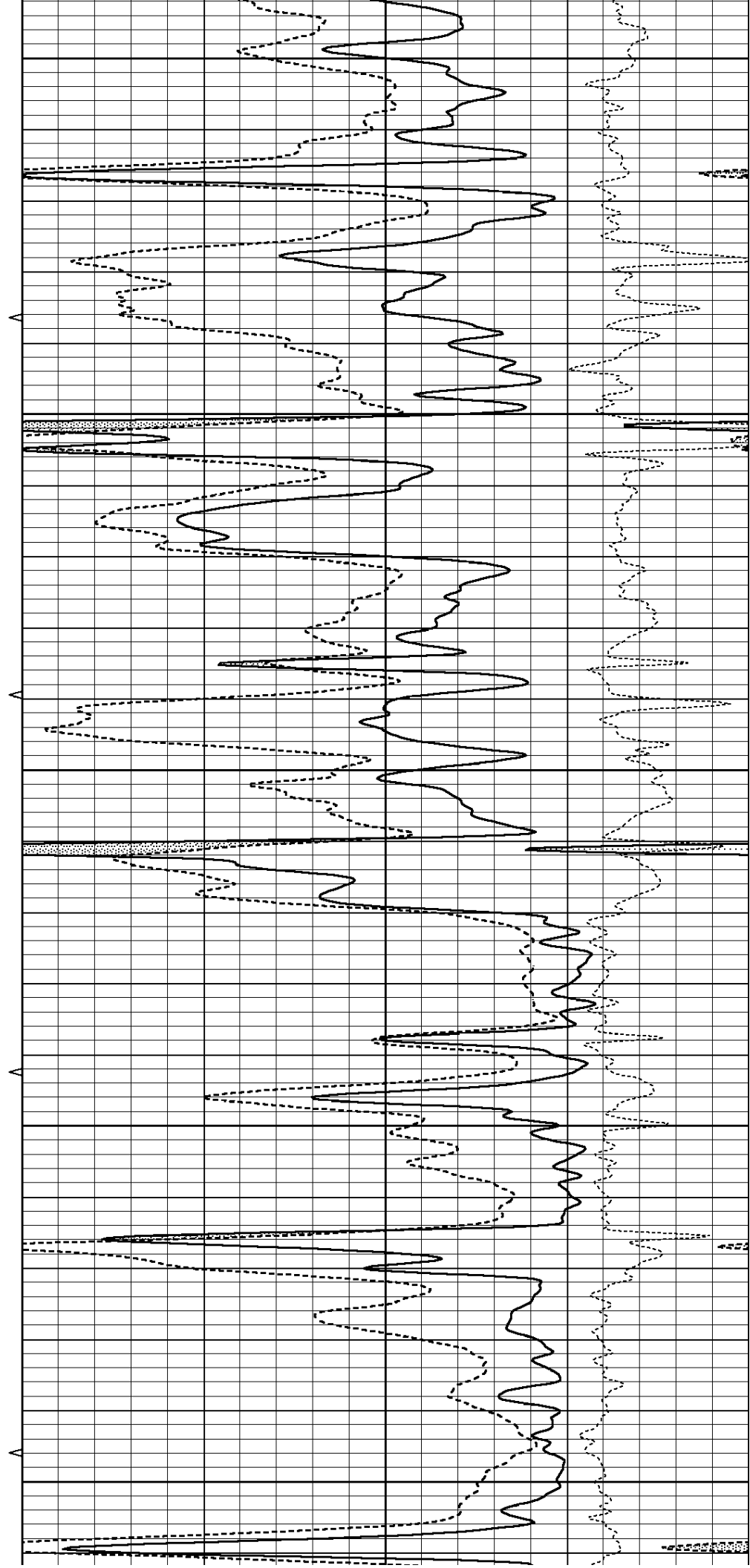
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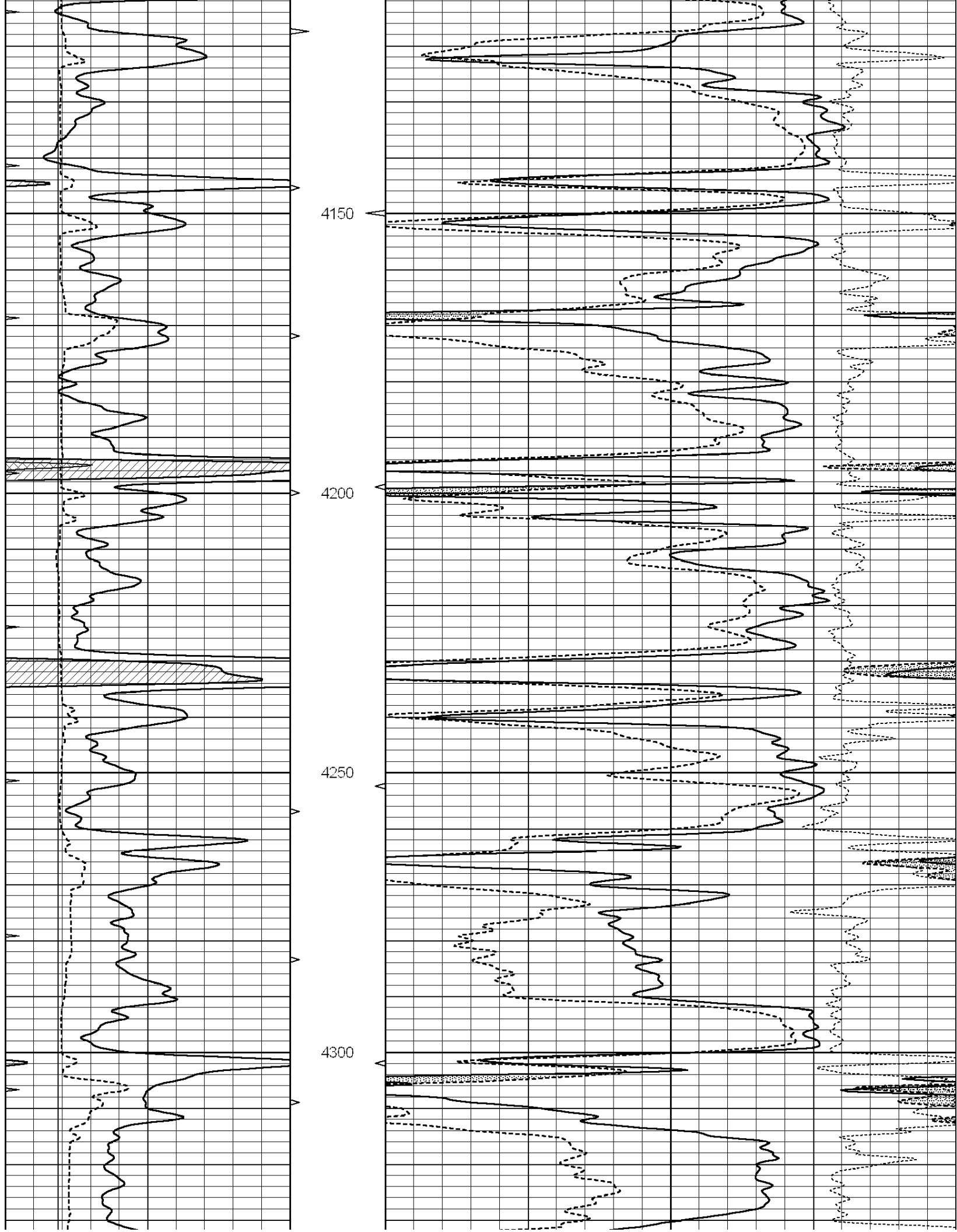
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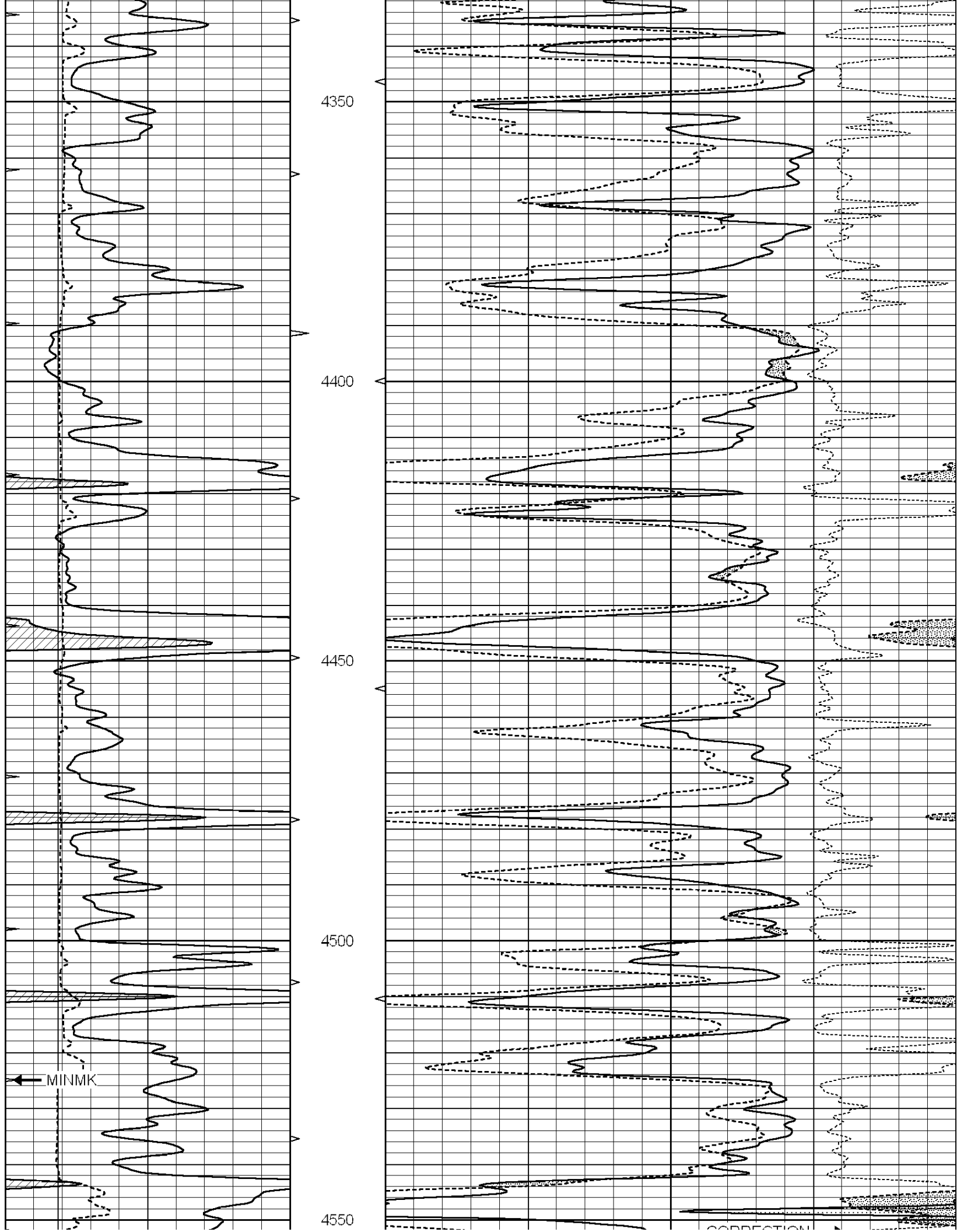
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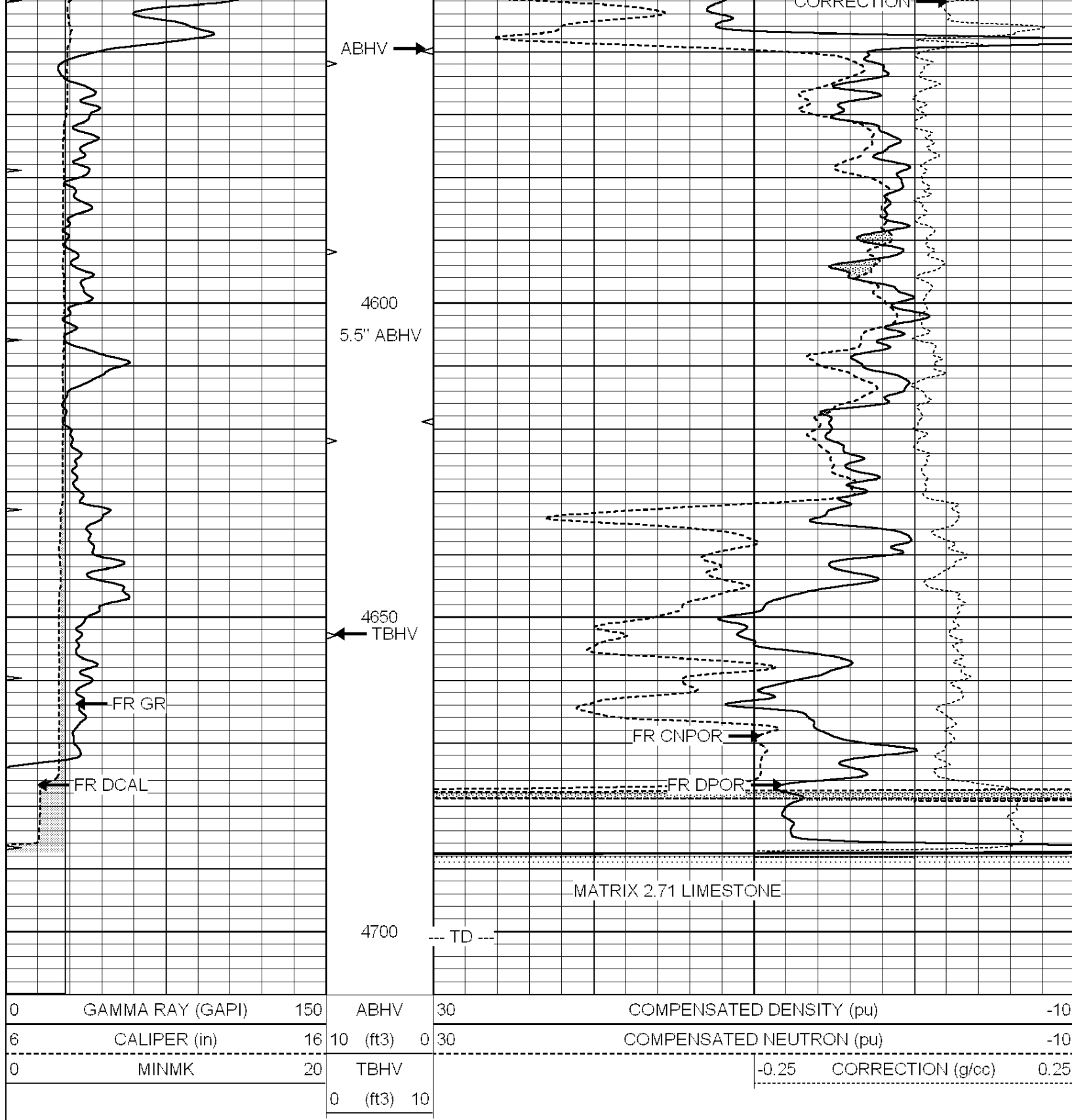
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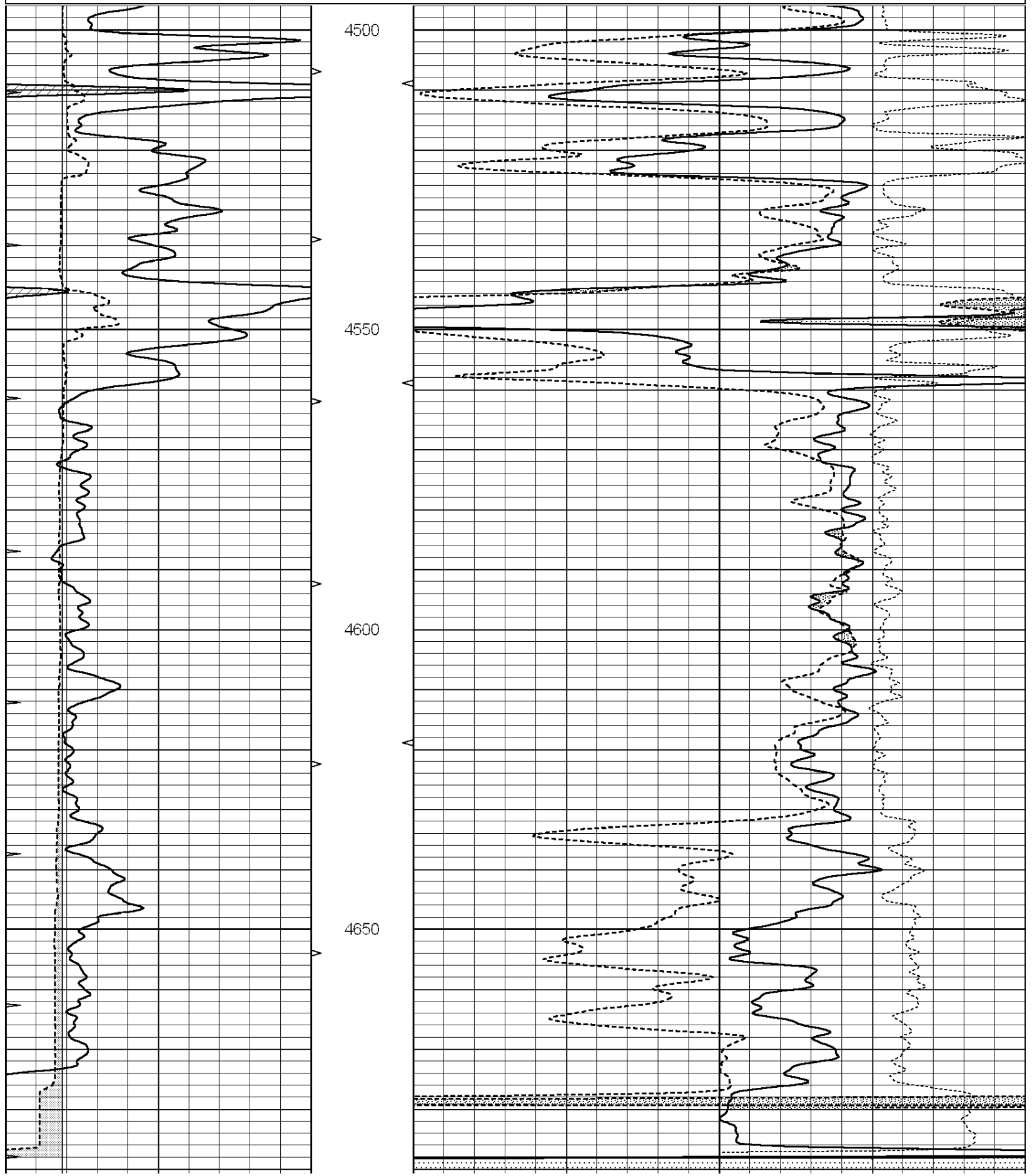


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REPEAT SECTION

Database File: 009566ddn.db
 Dataset Pathname: pass2.2
 Presentation Format: den_neu
 Dataset Creation: Sun Aug 05 11:53:17 2012

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			



Gamma Ray Calibration Report

Gamma Ray Calibration Report

Serial Number:	GR2	
Tool Model:	OPEN	
Performed:	Sun Aug 05 10:02:18 2012	
Calibrator Value:	200.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	740.0	cps
Sensitivity:	0.7500	GAPI/cps