



NABORS

**COMPLETION
& PRODUCTION
SERVICES CO.**

**COMPENSATED
DENSITY / NEUTRON
LOG**

Company	PALOMINO PETROLEUM, INC.		
Well	#1 4J TRUST		
Field	WILDCAT		
County	PAWNEE	State	KANSAS
Location:	API # : 15-145-21695		Other Services
	2385' FSL & 543' FWL		DIL
	SEC 11 TWP 20S RGE 19W		SONIC/MEL
Permanent Datum	GROUND LEVEL	Elevation	2196
Log Measured From	KELLY BUSHING 11' A.G.L.		K.B. 2207
Drilling Measured From	KELLY BUSHING		D.F. 2196
Date	11-15-12		
Run Number	ONE		
Depth Driller	4330		
Depth Logger	4334		
Bottom Logged Interval	4332		
Top Log Interval	3250	2500 - 2100	
Casing Driller	520		
Casing Logger	519		
Bit Size	7.875		
Type Fluid in Hole	CHEMICAL MUD		
Density / Viscosity	9.3 / 62		
pH / Fluid Loss	10.0 / 9.2		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	0.95 @ 64F		
Rmf @ Meas. Temp	0.71 @ 64F		
Rmc @ Meas. Temp	1.14 @ 64F		
Source of Rmf / Rmc	MEASURED		
Rm @ BHT	.520 @ 118F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom	6:15 P.M.		
Maximum Recorded Temperature	118F		
Equipment Number	860		
Location	HAYS, KS.		
Recorded By	RUPP		
Witnessed By	NICK GERSTNER		

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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

NABORS COMPLETION & PRODUCTION CO.
THANK YOU FOR YOUR BUSINESS
DIRECTIONS: RUSH CENTER, S TO PAWNEE C.L., 2S TO X RD., 5W TO 280TH, 1/4N, E INTO.



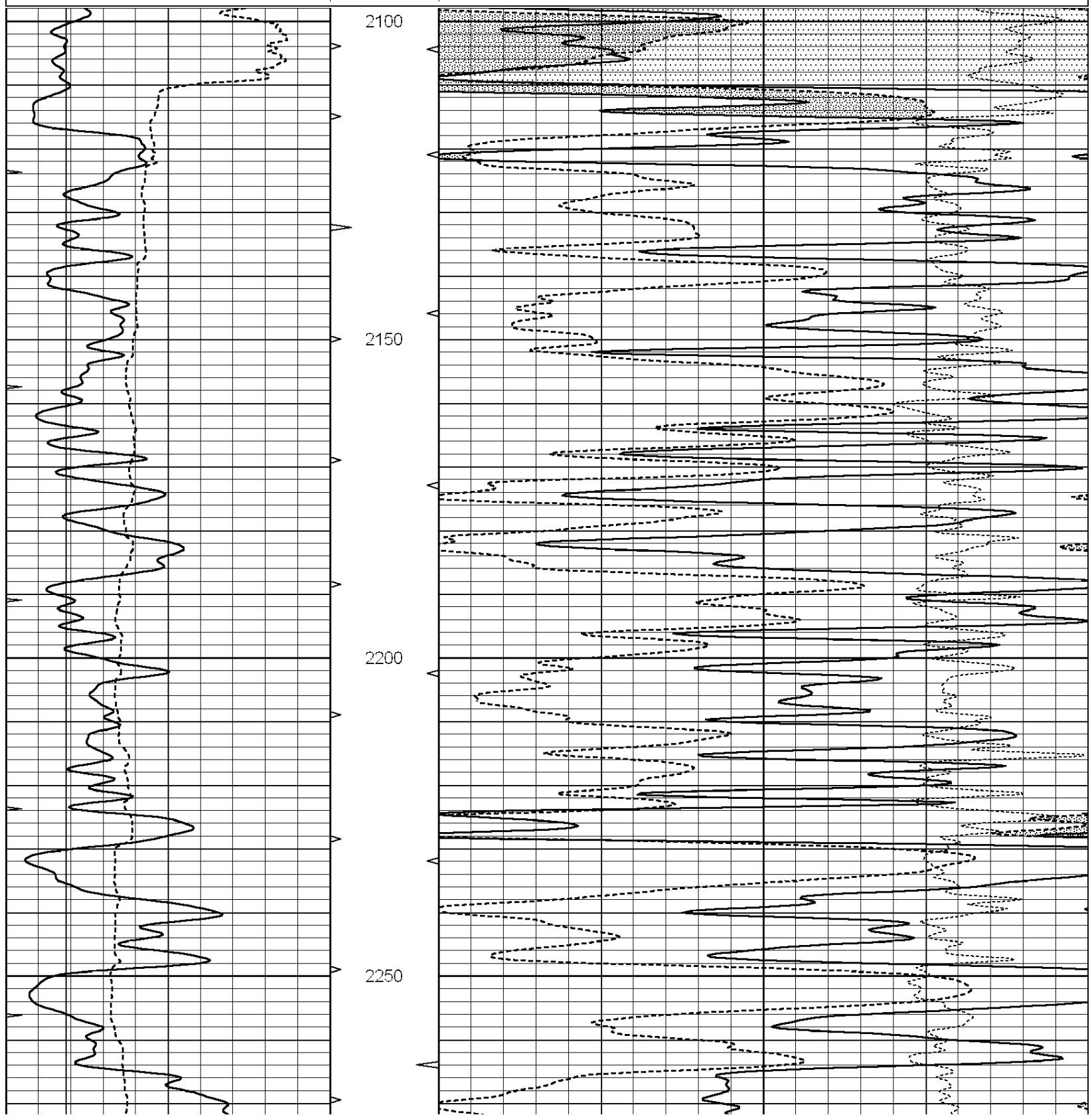
NABORS

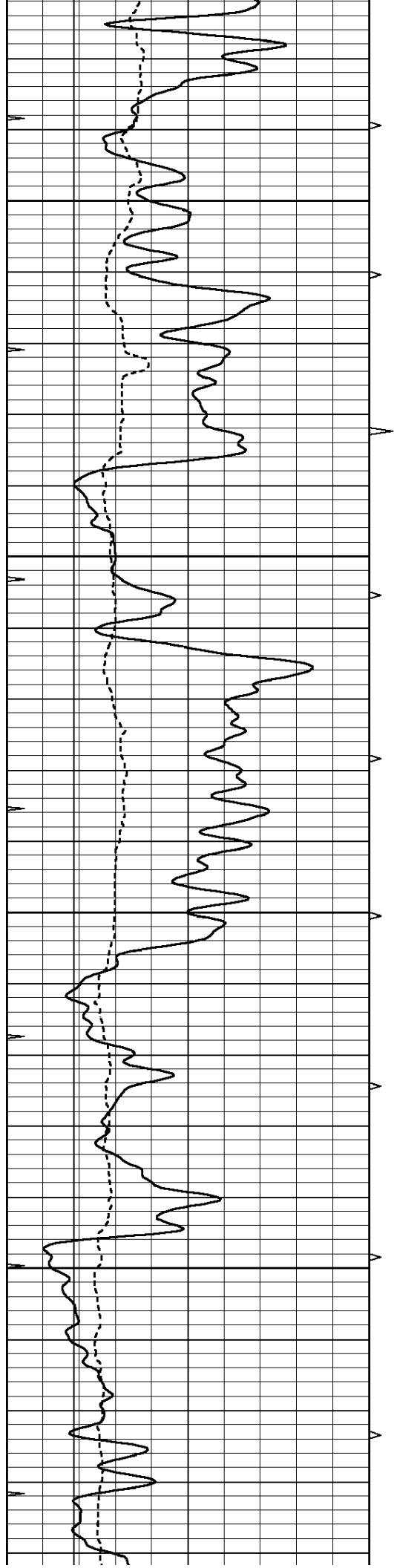
**COMPLETION
& PRODUCTION**

MAIN SECTION

Database File: 009948ddn.db
 Dataset Pathname: pass3.2
 Presentation Format: den_neu
 Dataset Creation: Thu Nov 15 20:13:10 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			



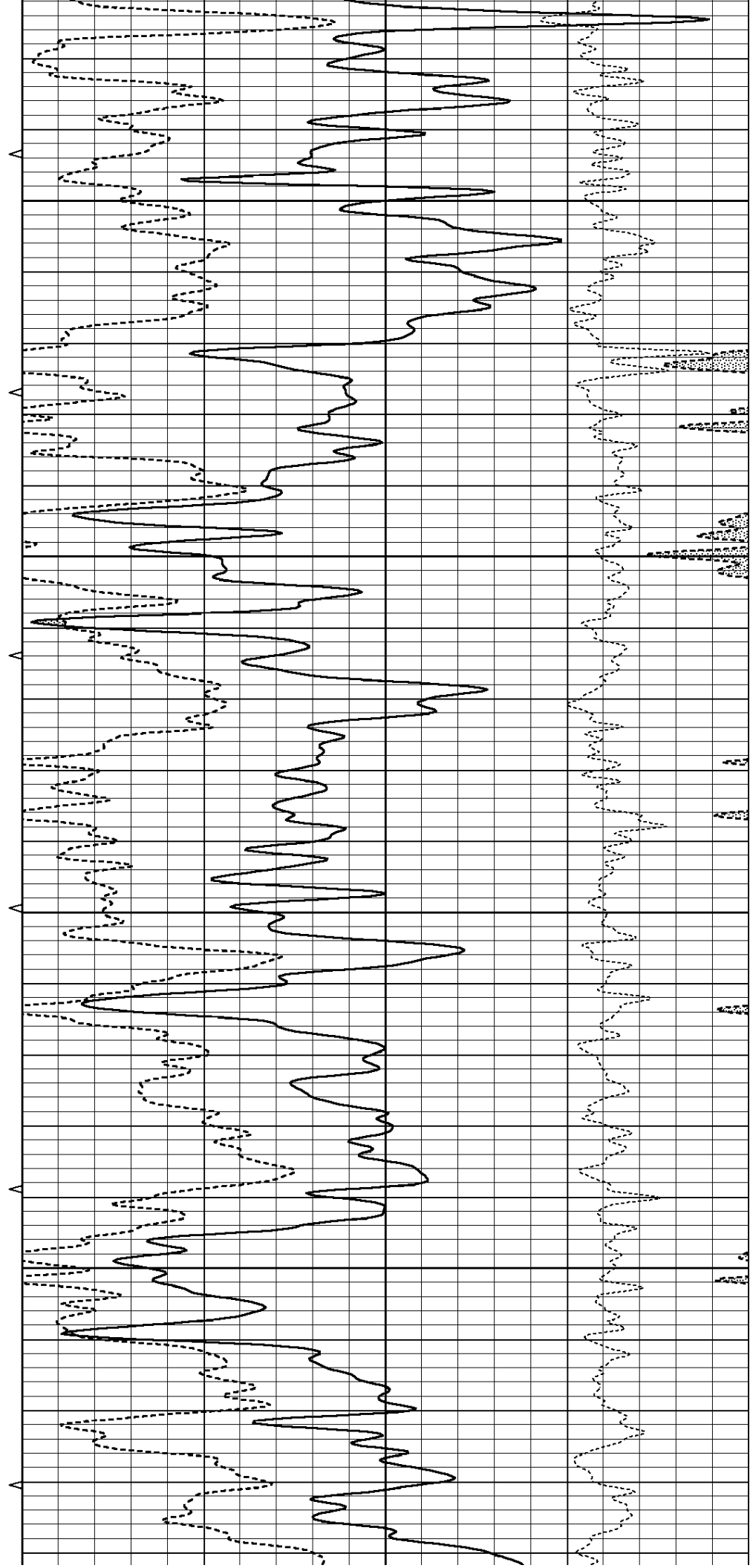


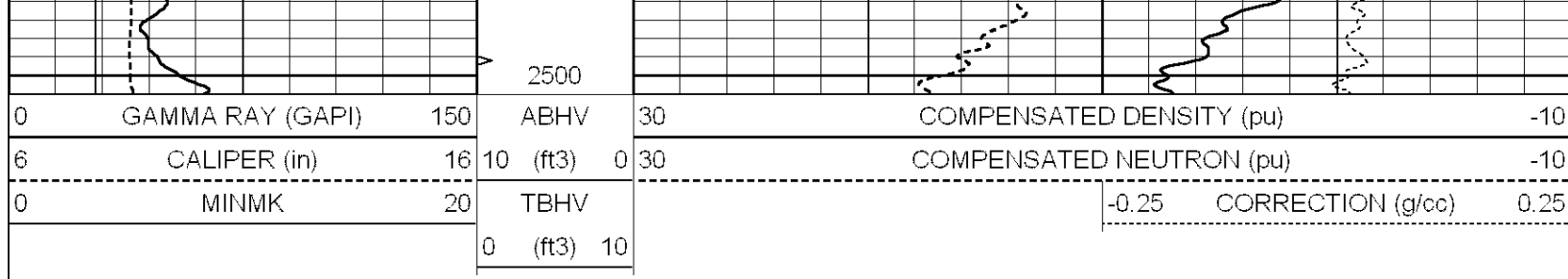
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2350

2400

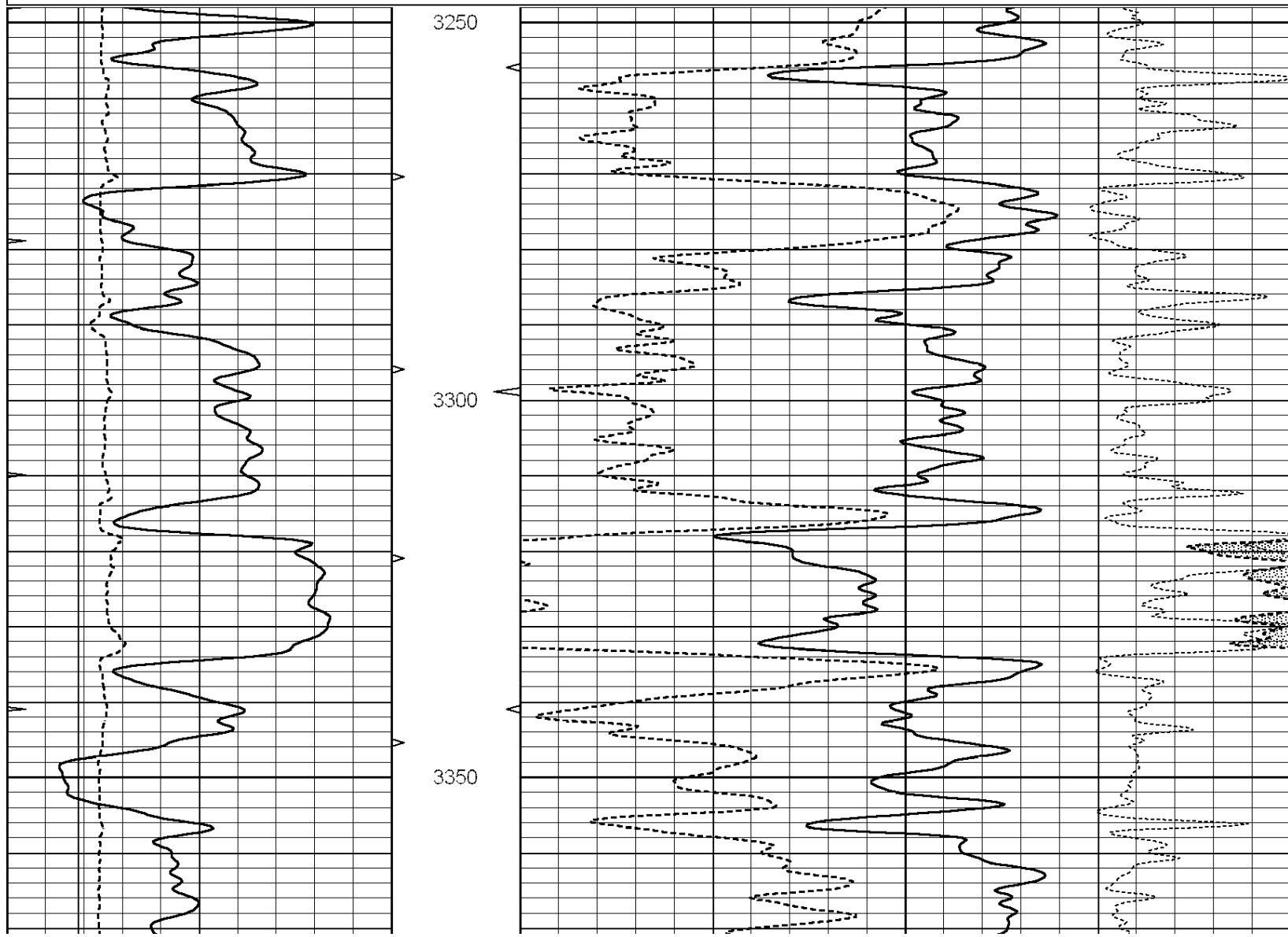
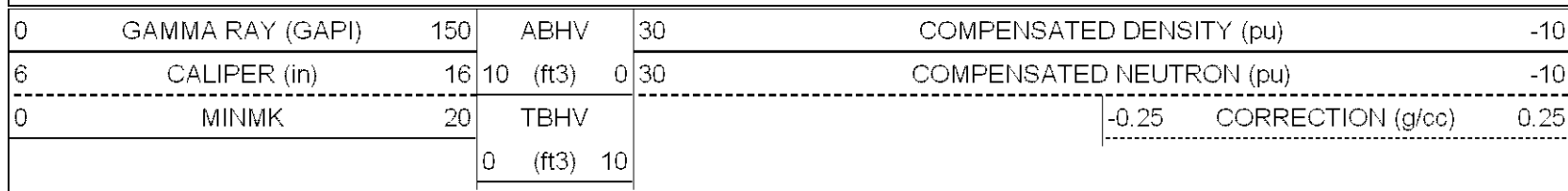
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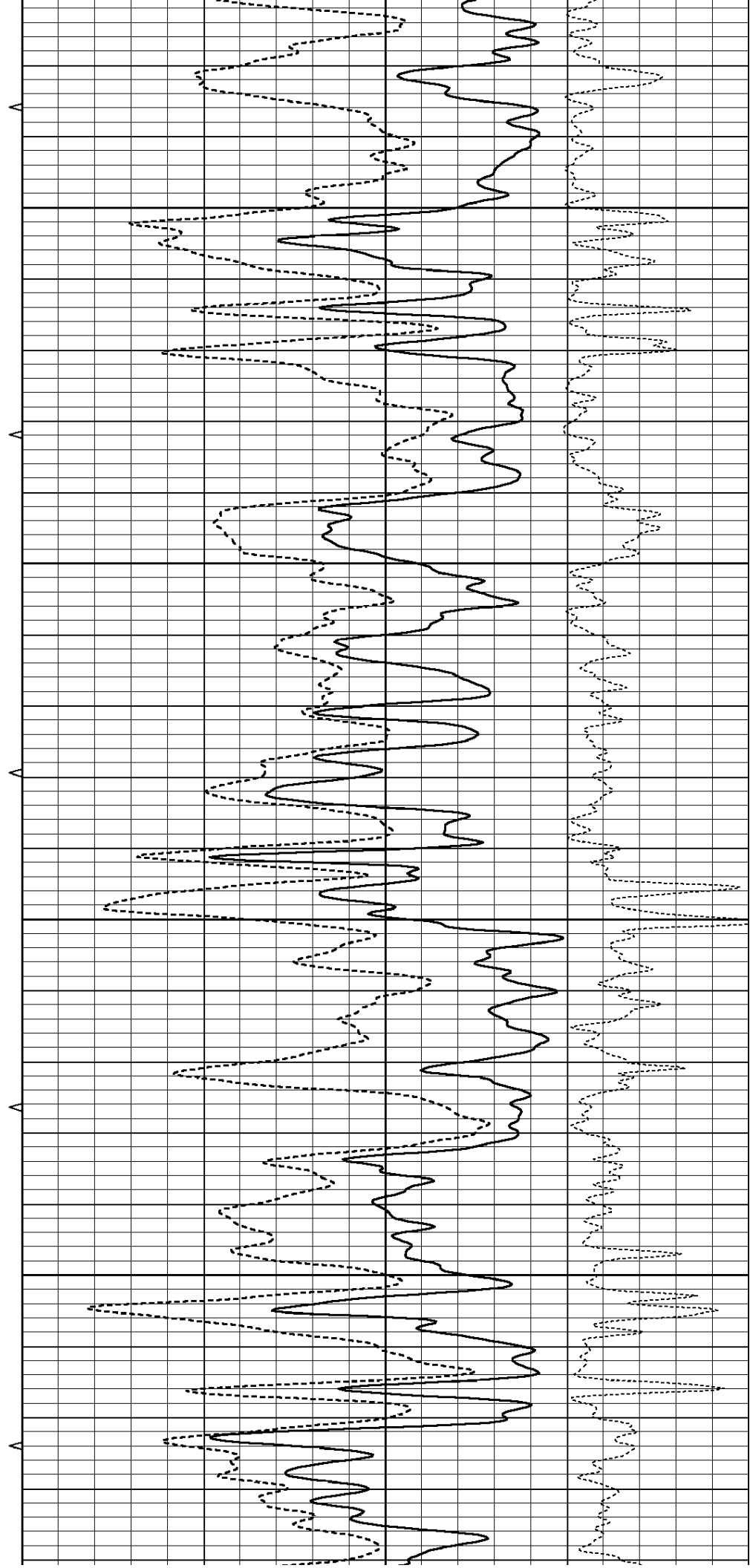
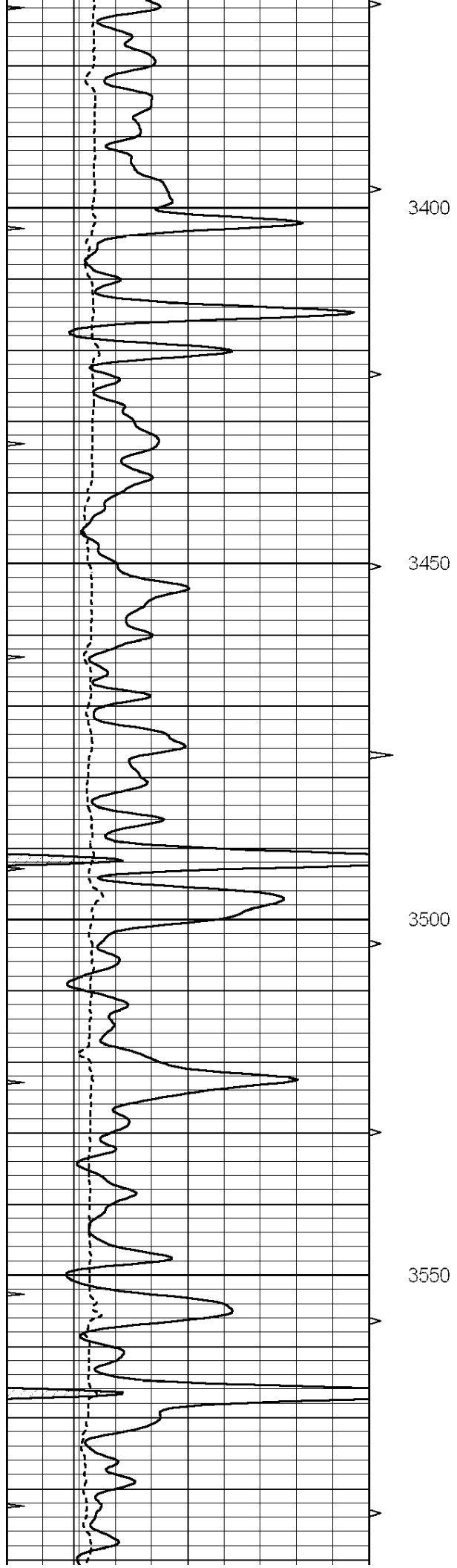


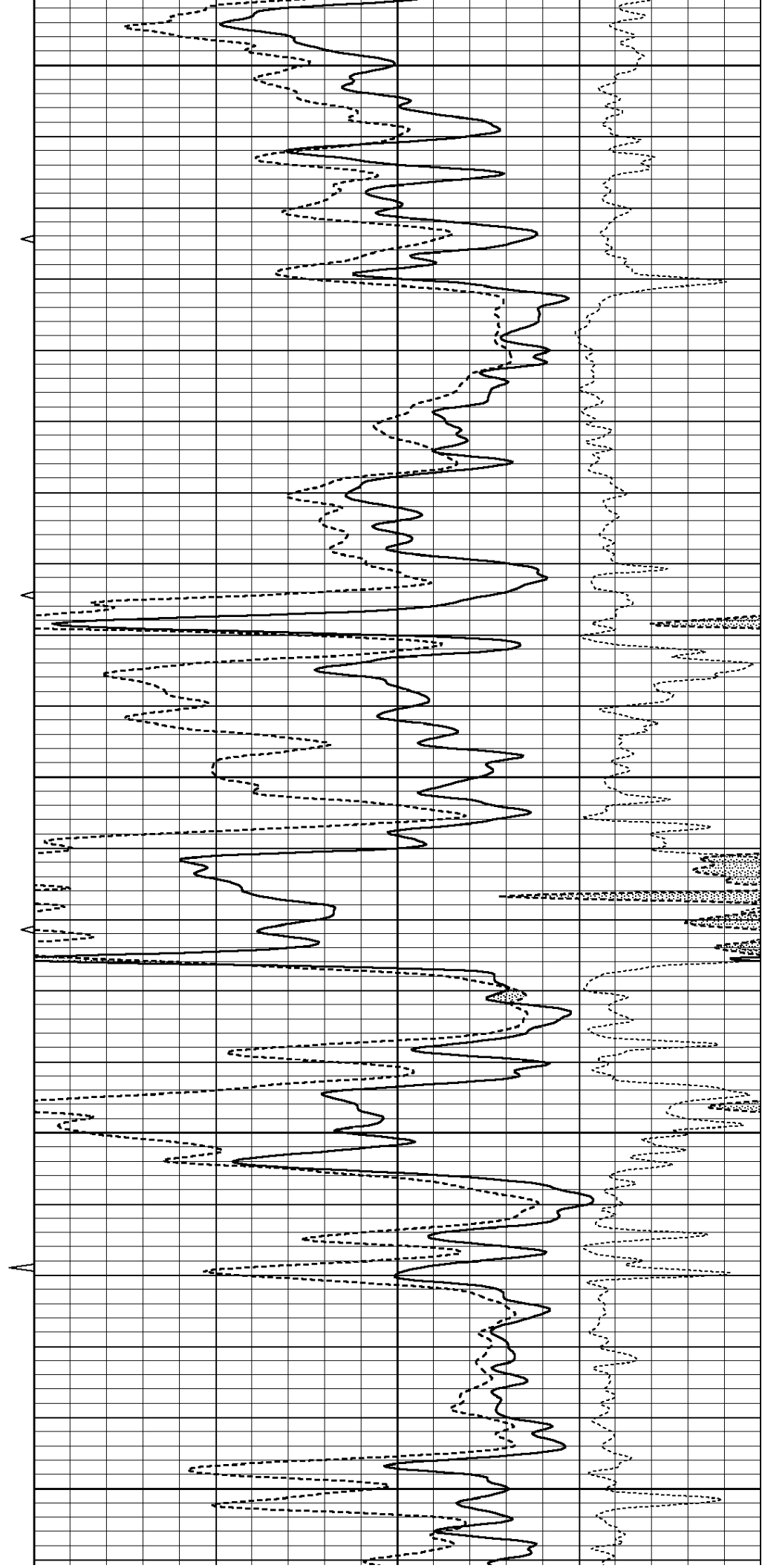
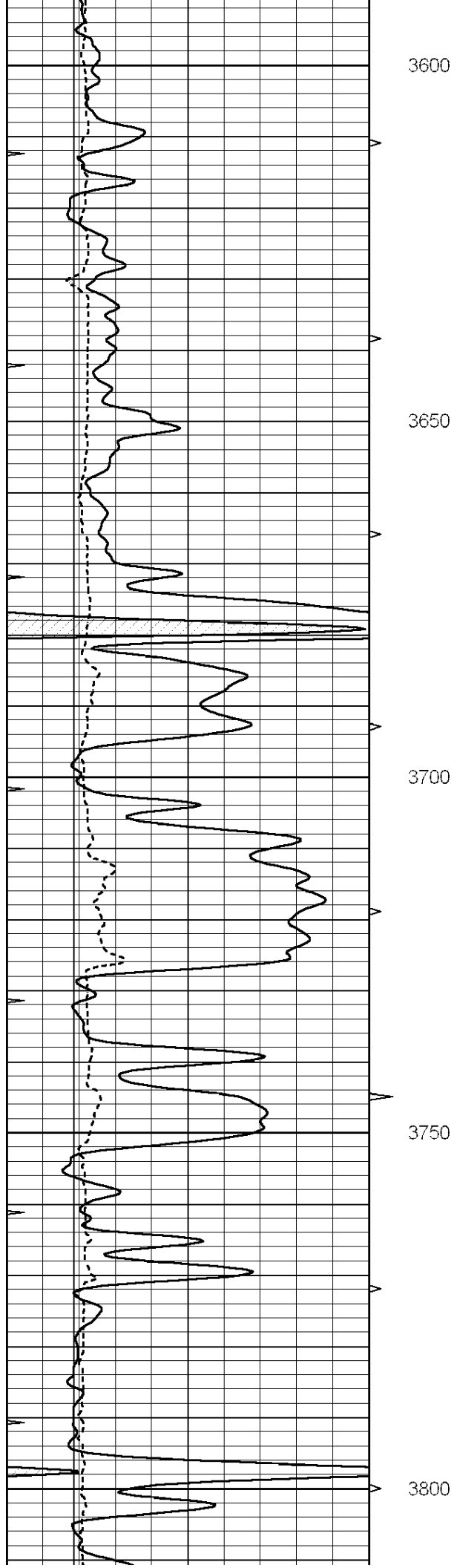


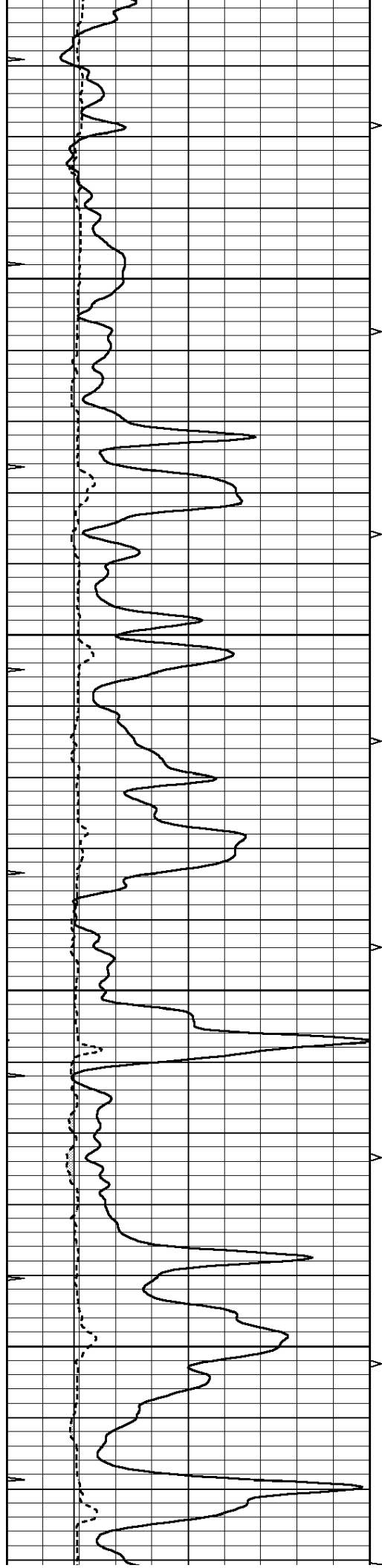
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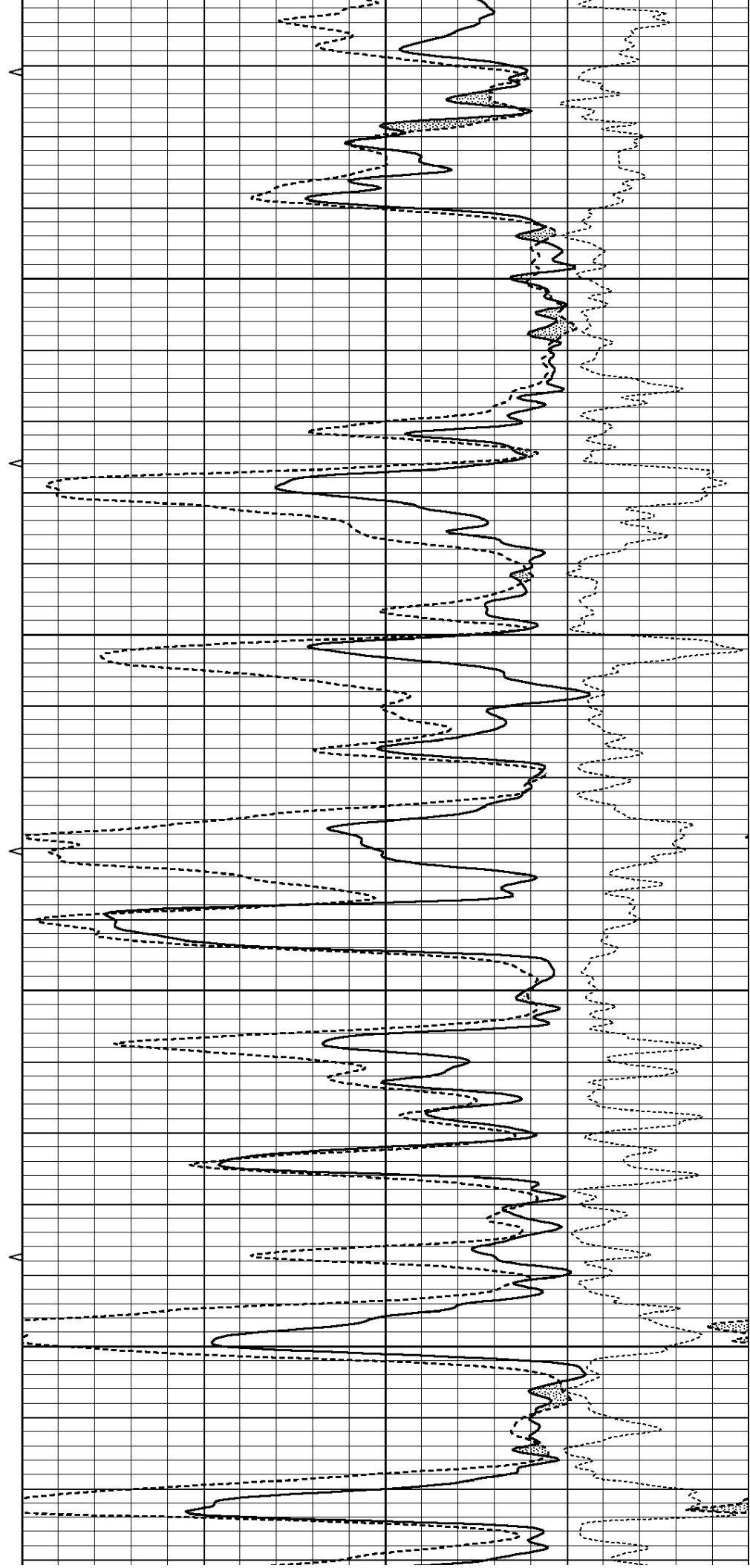


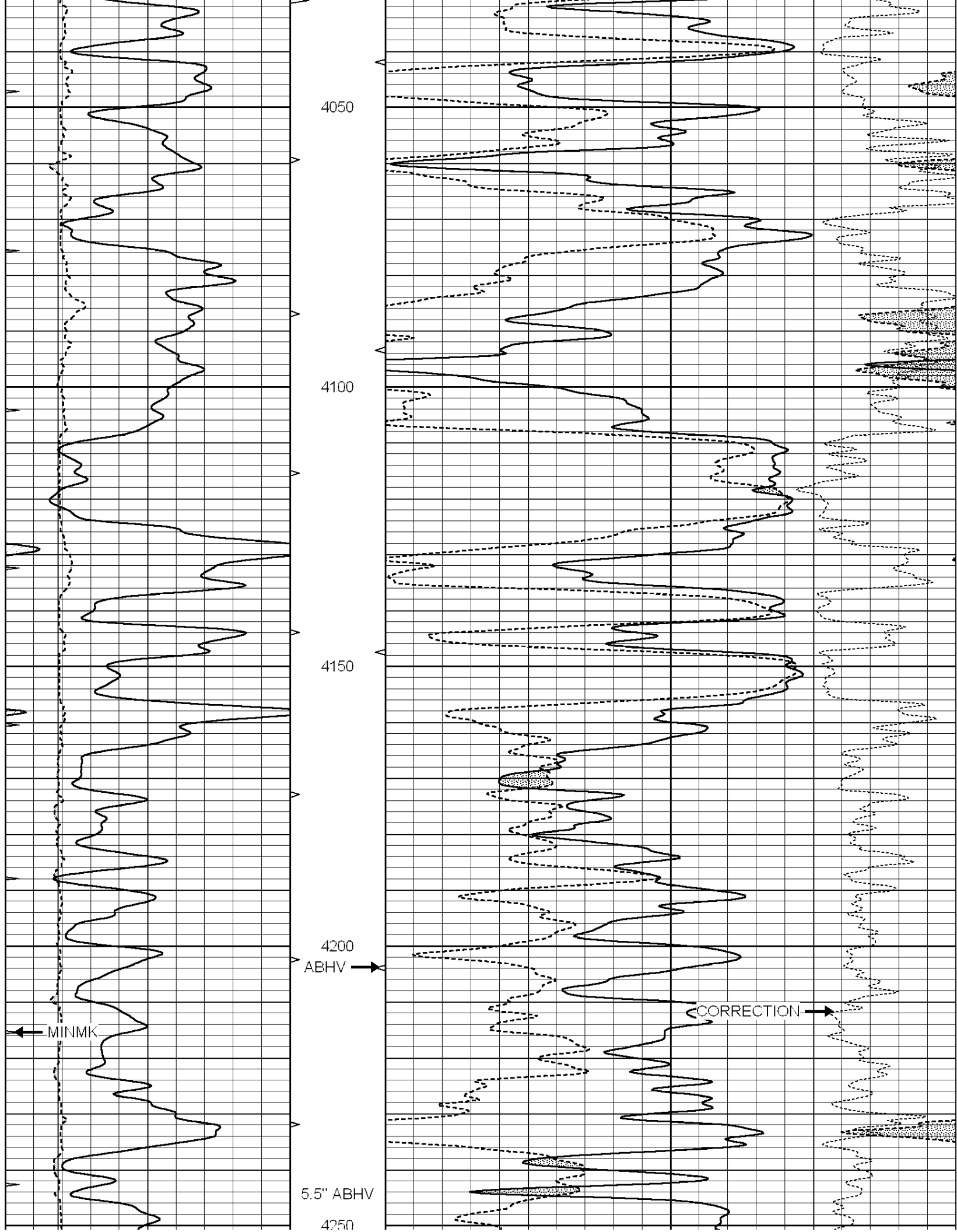
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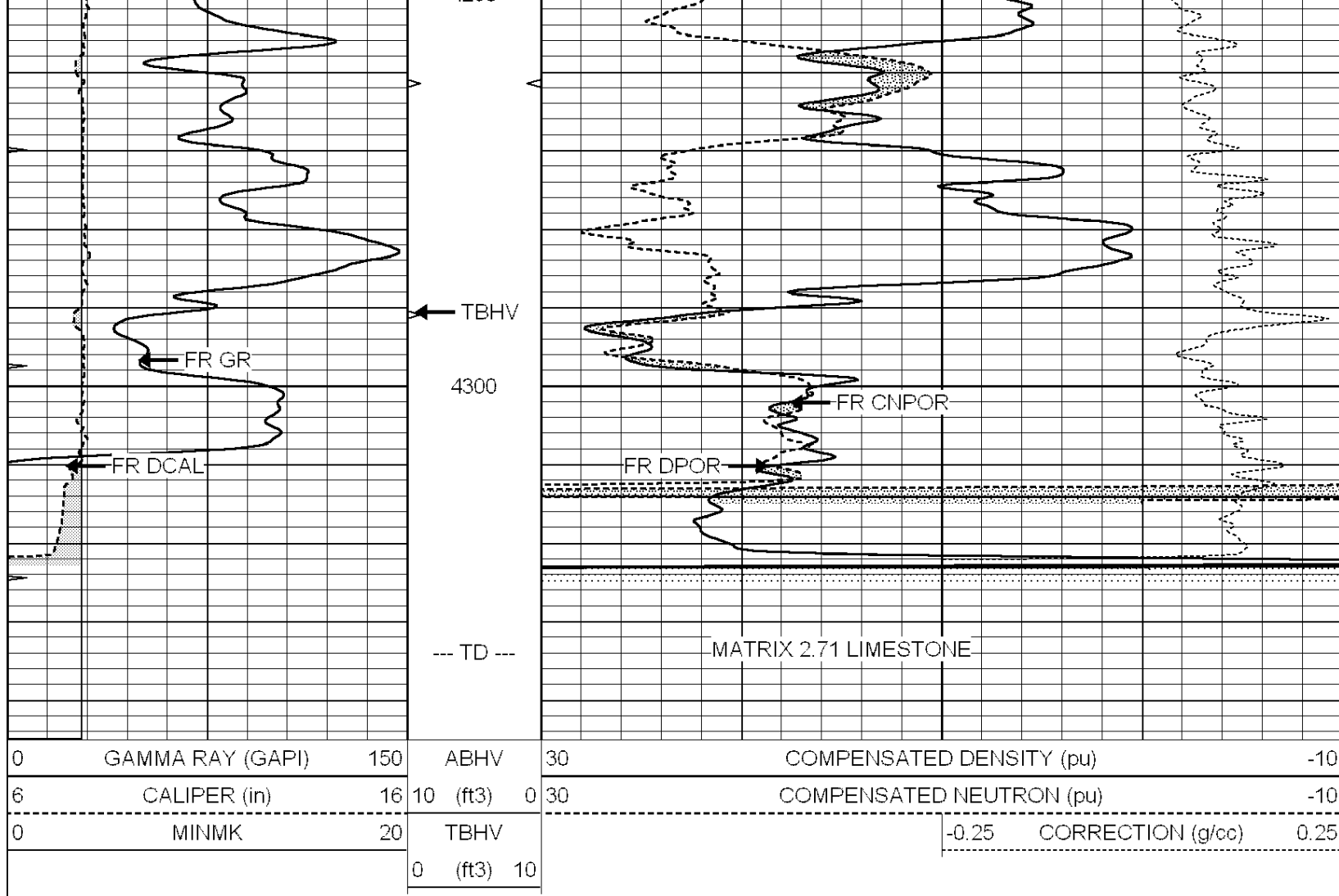
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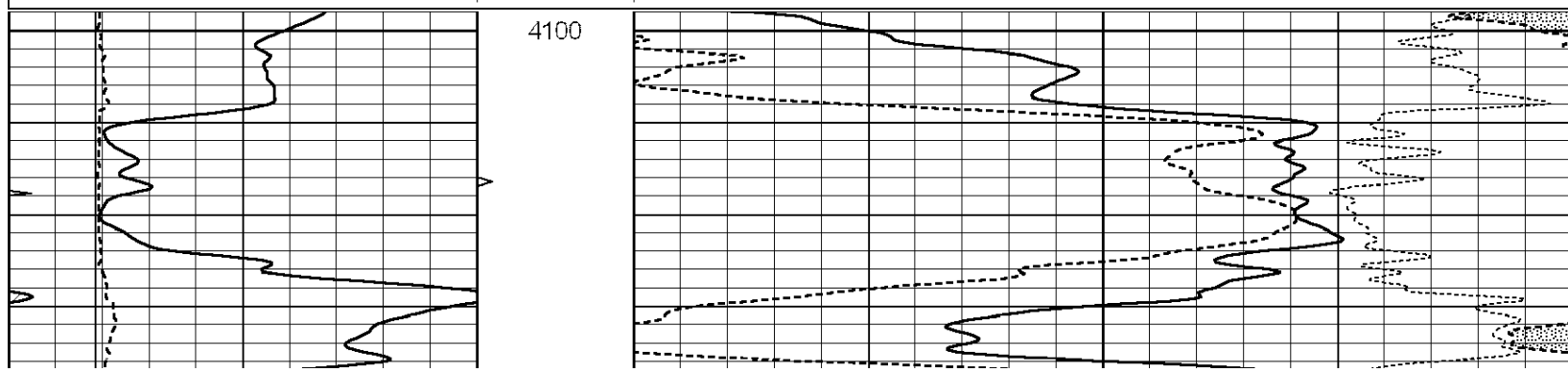


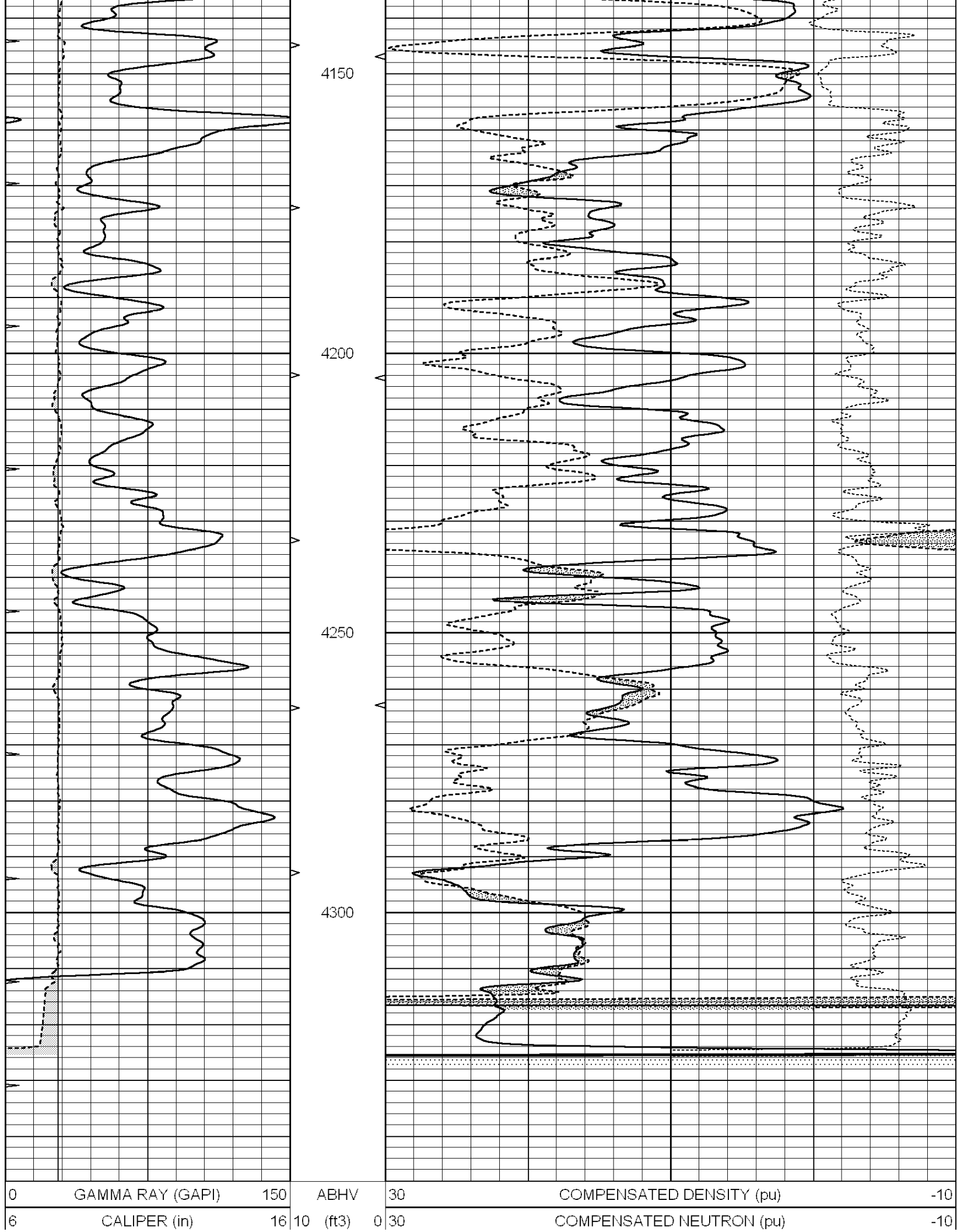


REPEAT SECTION

Database File: 009948ddn.db
 Dataset Pathname: pass2.1
 Presentation Format: den_neu
 Dataset Creation: Thu Nov 15 18:14:50 2012 by Calc Open-Cased 090629
 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			





0	MINMK	20	TBHV		-0.25	CORRECTION (g/cc)	0.25
			0 (ft3) 10				

Calibration Report

Database File: 009948ddn.db
Dataset Pathname: pass3.2
Dataset Creation: Thu Nov 15 20:13:10 2012

Dual Induction Calibration Report

Serial-Model: DIL5-GEAR
Performed: Thu Nov 15 18:42:09 2012

Readings				References			Results	
Loop:	Air	Loop		Air	Loop		m	b
Deep	0.004	0.654	V	0.000	400.000	mmho/m	470.000	-10.000
Medium	-0.005	0.737	V	0.000	462.500	mmho/m	500.000	-8.000
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.006	0.655	V	0.000	400.000	mmho/m	615.668	-3.483
Medium	0.010	0.747	V	0.000	462.500	mmho/m	627.607	-6.064

Compensated Density Calibration Report

Serial-Model: GEAR1-GEARHART
Source / Verifier: 147 / 147
Master Calibration Performed: Thu Nov 15 17:45:31 2012

Master Calibration

	Density		Far Detector		Near Detector	
Magnesium	1.710	g/cc	1205.67		613.10	cps
Aluminum	2.590	g/cc	277.64		430.46	cps
Spine Angle = 76.46			Density/Spine Ratio = 0.583			
	Size		Reading			
Small Ring	9.10	in	4.69	V		
Large Ring	14.00	in	6.52	V		

Compensated Neutron Calibration Report

Serial Number: NUE_2I
Tool Model: G

CALIBRATION

Detector	Readings		Target		Normalization
Short Space	1.00	cps	1.00	cps	1.0000
Long Space	1.00	cps	1.00	cps	1.0000

Gamma Ray Calibration Report

Serial Number: GR5
Tool Model: OPEN
Performed: Thu Nov 15 18:18:34 2012

Calibrator Value: 1.0 GAPI

Background Reading: 0.0 cps
Calibrator Reading: 1.0 cps

Calibrator Reading:

1.0

cps

Sensitivity:

0.7400

GAPI/cps