



SUPERIOR
Hays,
Kansas

COMPENSATED
DENSITY / NEUTRON
LOG

Company	PALOMINO PETROLEUM, INC.		
Well	POPP #1		
Field	WILDCAT		
County	NESS	State	KANSAS
Location:	API # : 15-135-25330		Other Services
1731' FNL & 1565' FWL		DIL MICRO	
SEC 9 TWP 17S RGE 26W		Elevation	
Permanent Datum	GROUND LEVEL	Elevation	2594
Log Measured From	KELLY BUSHING 5' A.G.L.	K.B.	2599
Drilling Measured From	KELLY BUSHING	D.F.	
		G.L.	2594
Date	12-16-11		
Run Number	ONE		
Depth Driller	4645		
Depth Logger	4646		
Bottom Logged Interval	4622		
Top Log Interval	3550		
Casing Driller	219		
Casing Logger	219		
Bit Size	7.875		
Type Fluid in Hole	CHEMICAL MUD		
Density / Viscosity	9.4 / 56		
pH / Fluid Loss	10.0 / 6.8		
Source of Sample	FLOWLINE		
Rim @ Meas. Temp	1.20 @ 70F		
Rmf @ Meas. Temp	0.90 @ 70F		
Rmc @ Meas. Temp	1.44 @ 70F		
Source of Rmf / Rmc	MEASURED		
Rim @ BHT	.690 @ 121F		
Time Circulation Stopped	3 HOURS		
Time Logger on Bottom	10:00 P.M.		
Maximum Recorded Temperature	121F		
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

SUPERIOR WELL SERVICES
785-628-6395
THANK YOU FOR YOUR BUSINESS
DIRECTIONS: UTICA, 2 1/2W TO RD. "B", 3S, E INTO.

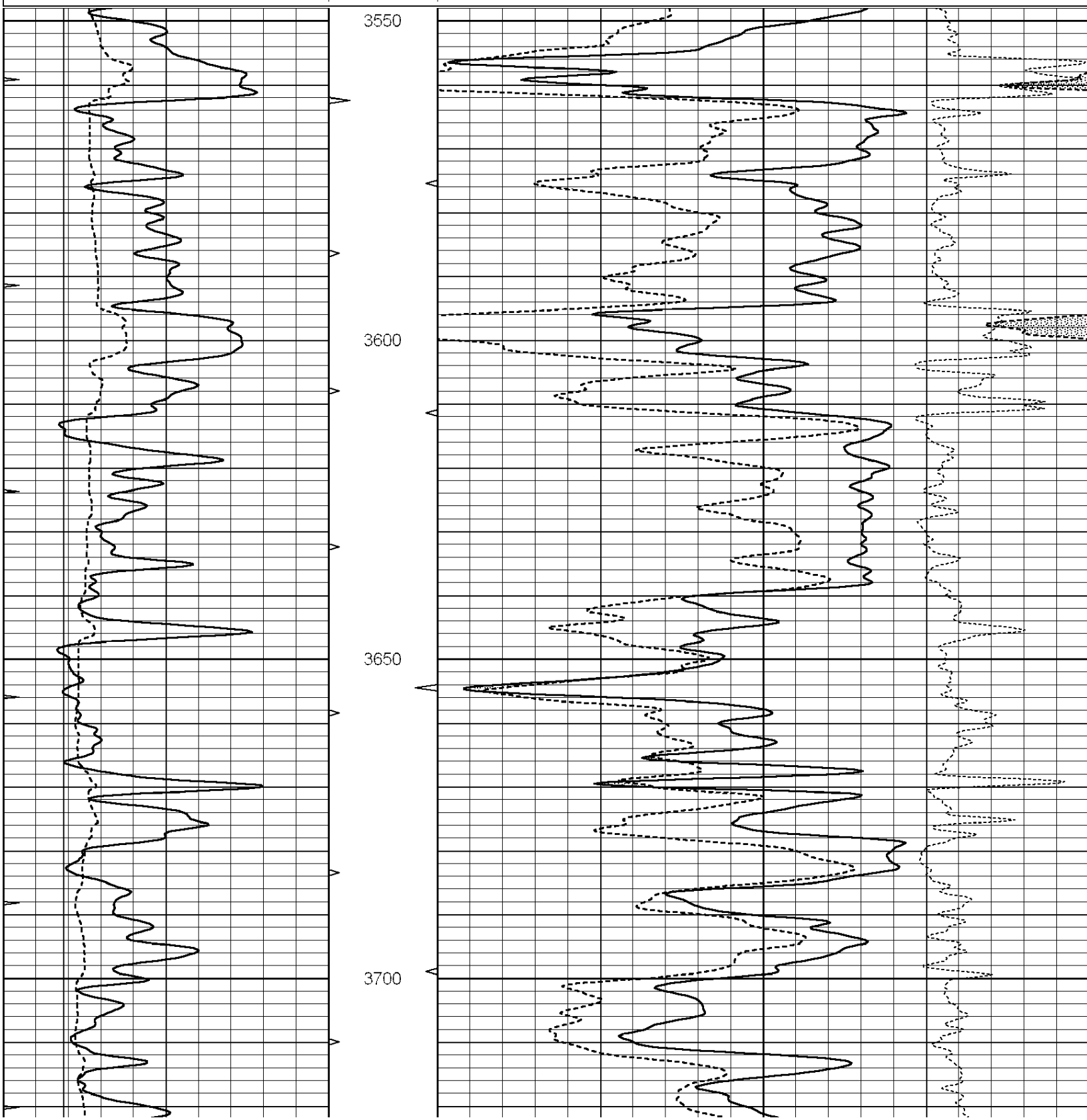


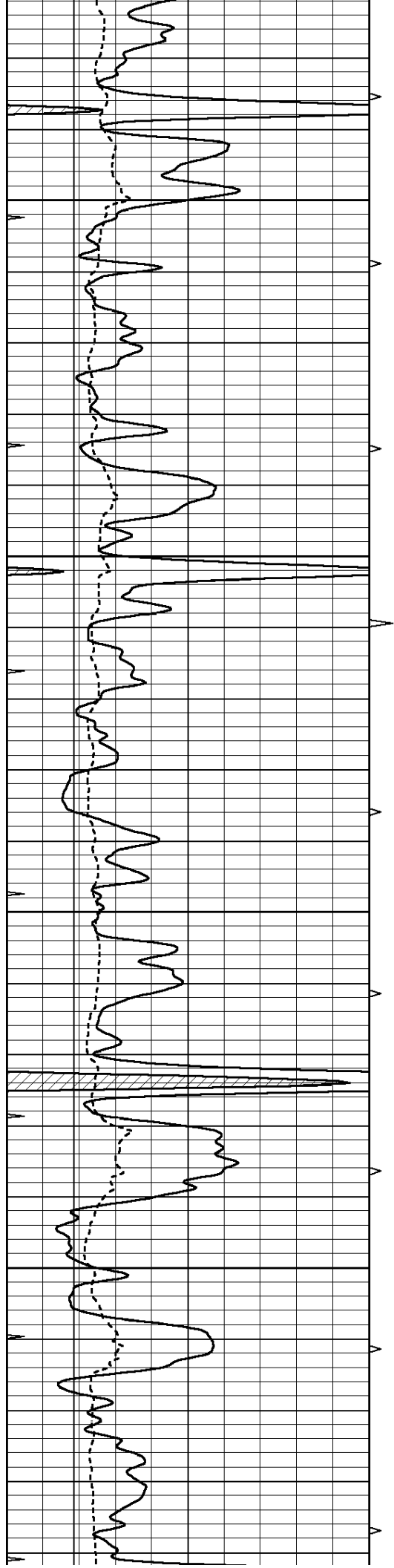
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MAIN SECTION

Database File: 001217ddn.db
 Dataset Pathname: pass3.1A
 Presentation Format: den_neu
 Dataset Creation: Sat Dec 17 00:19:08 2011
 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		



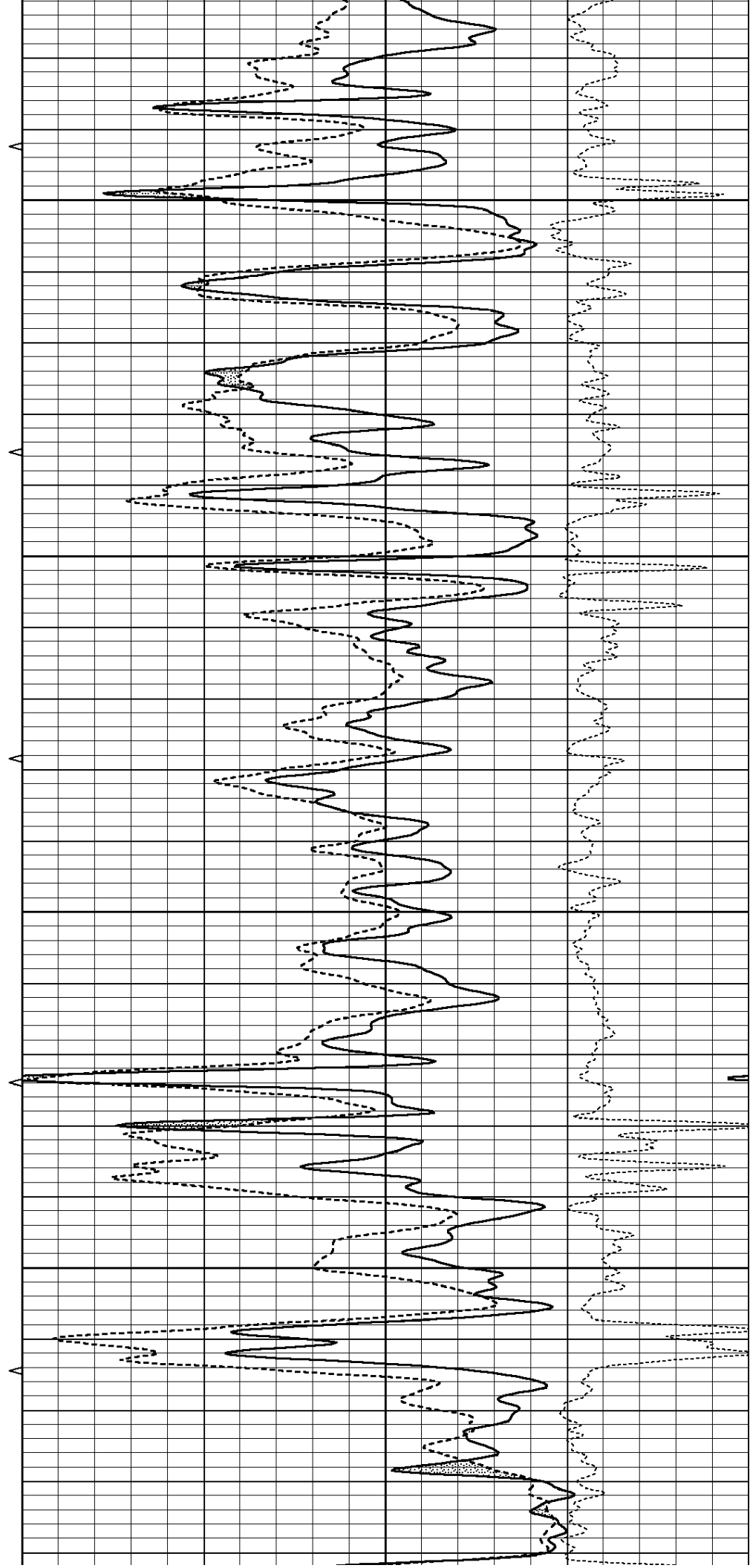


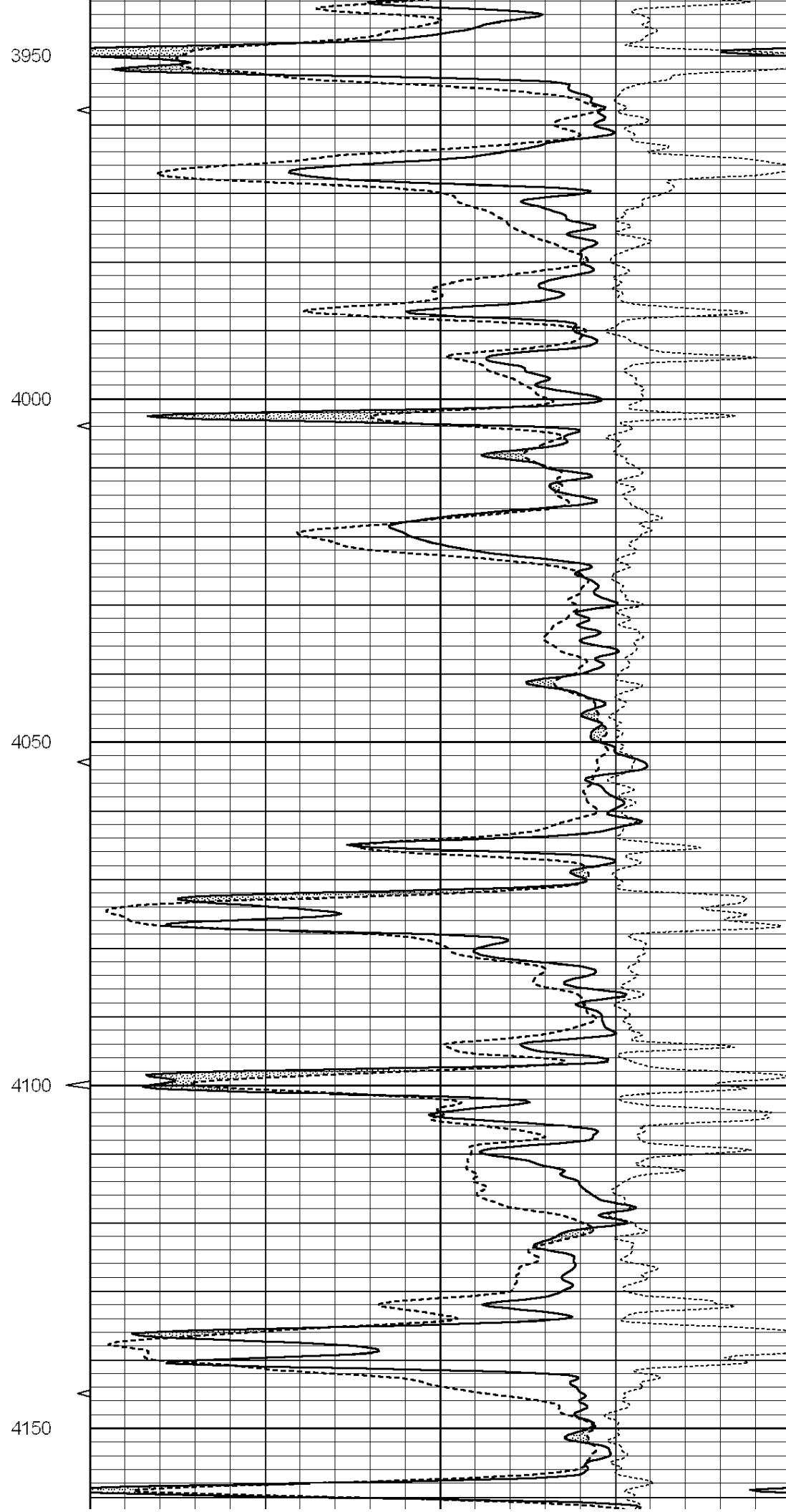
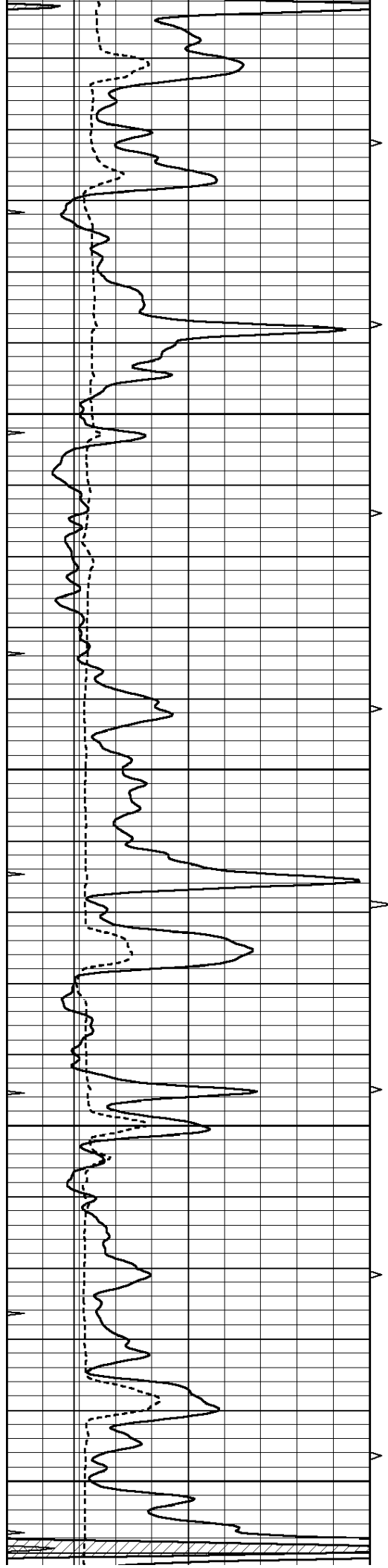
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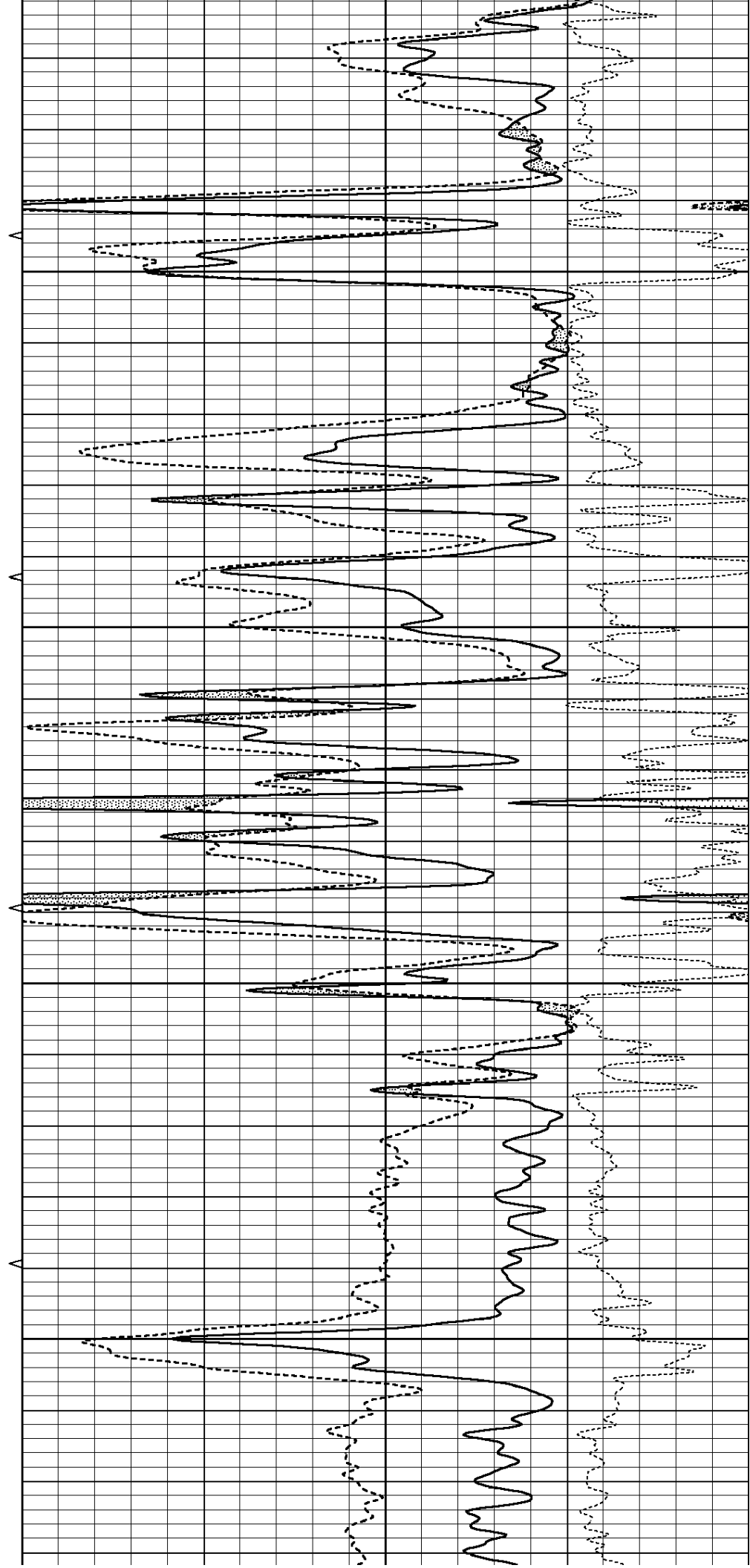
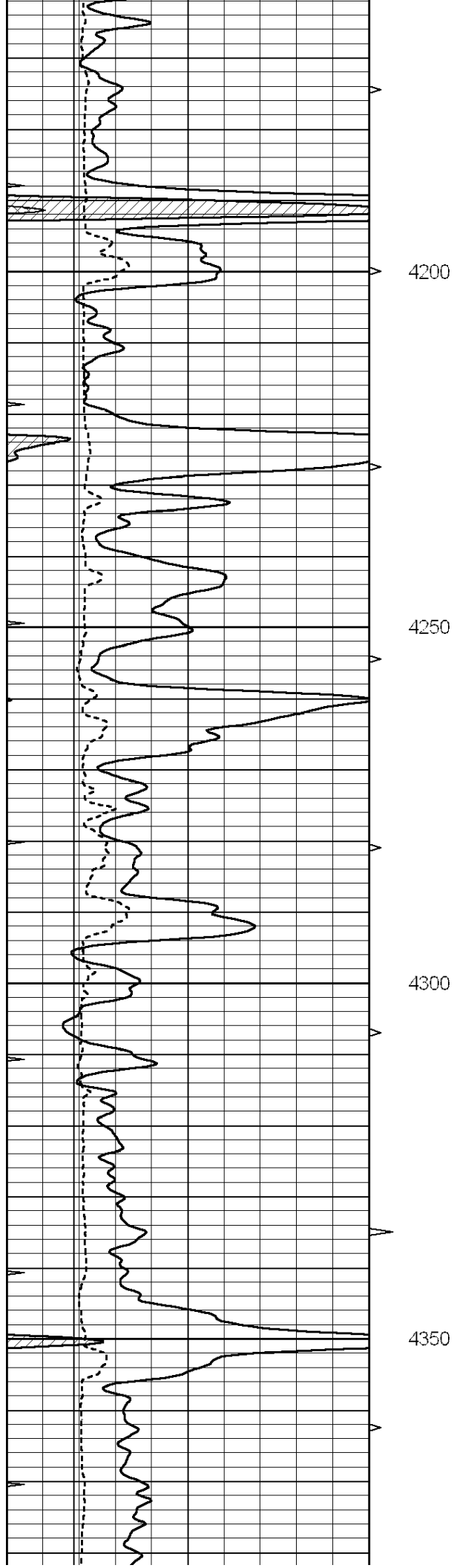
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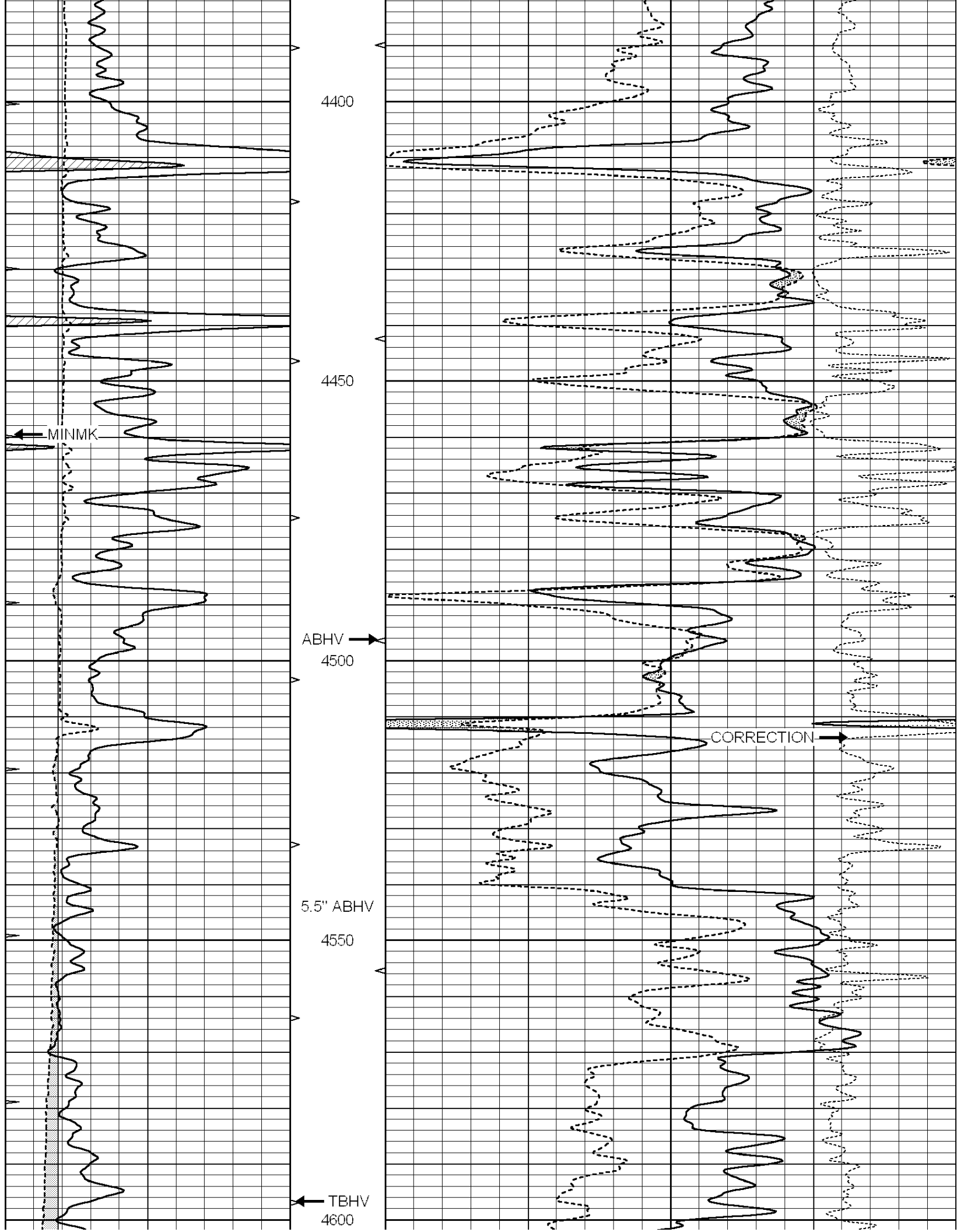
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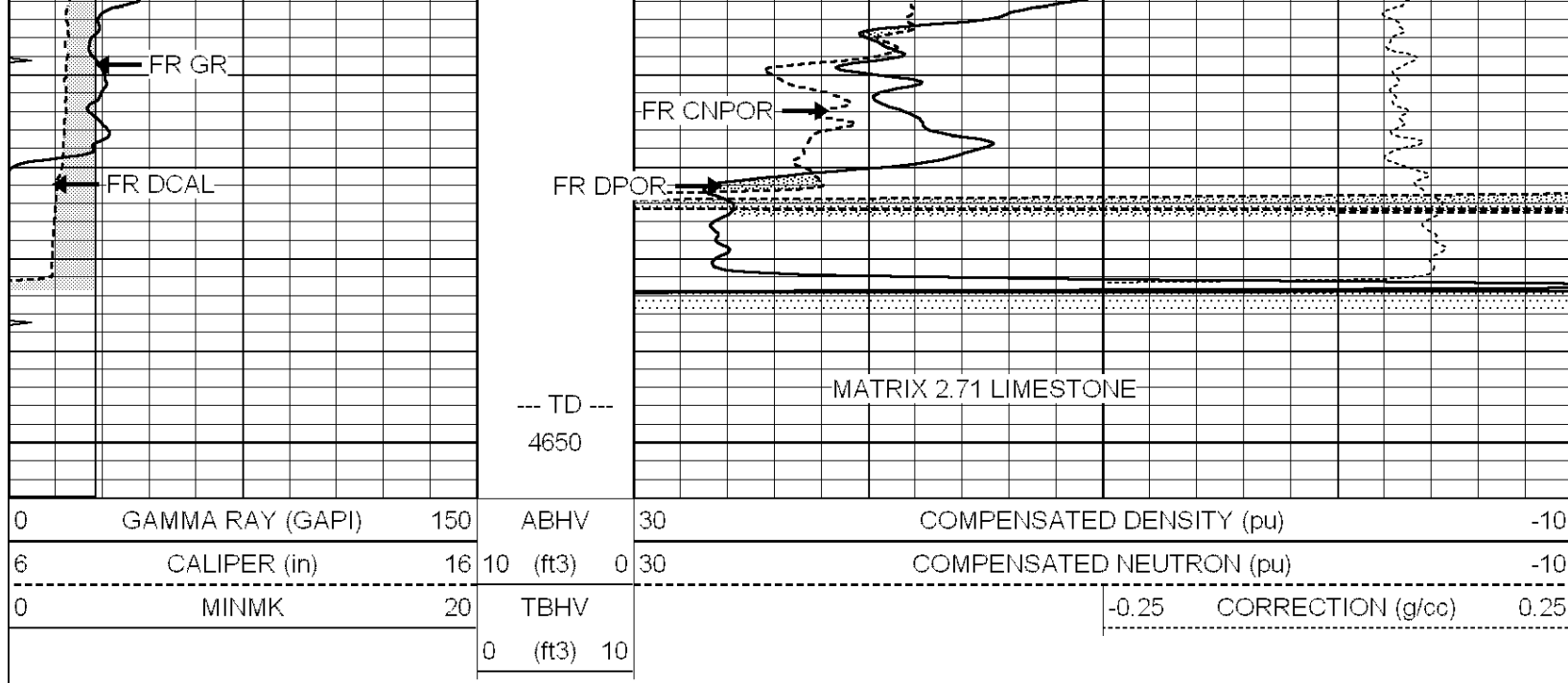
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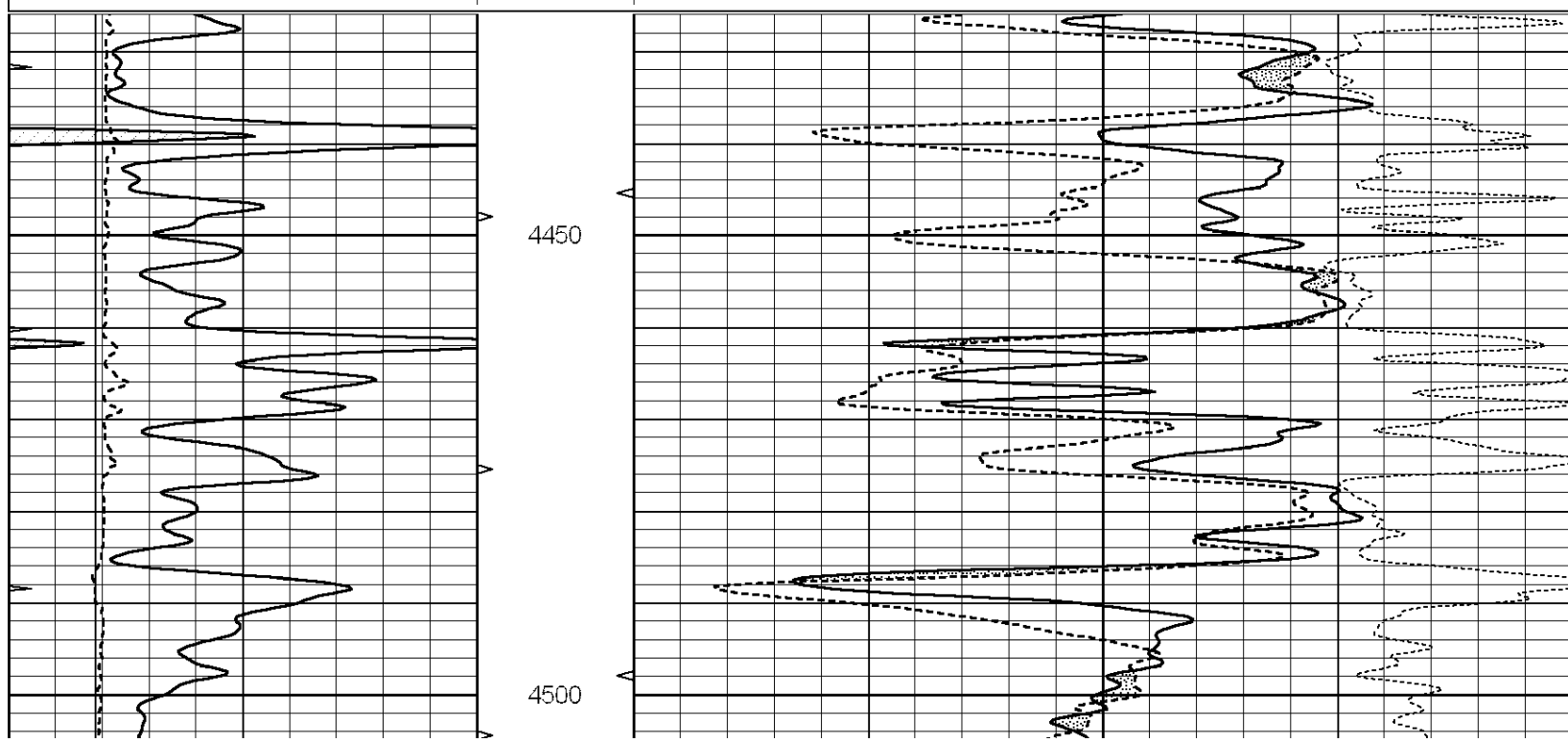


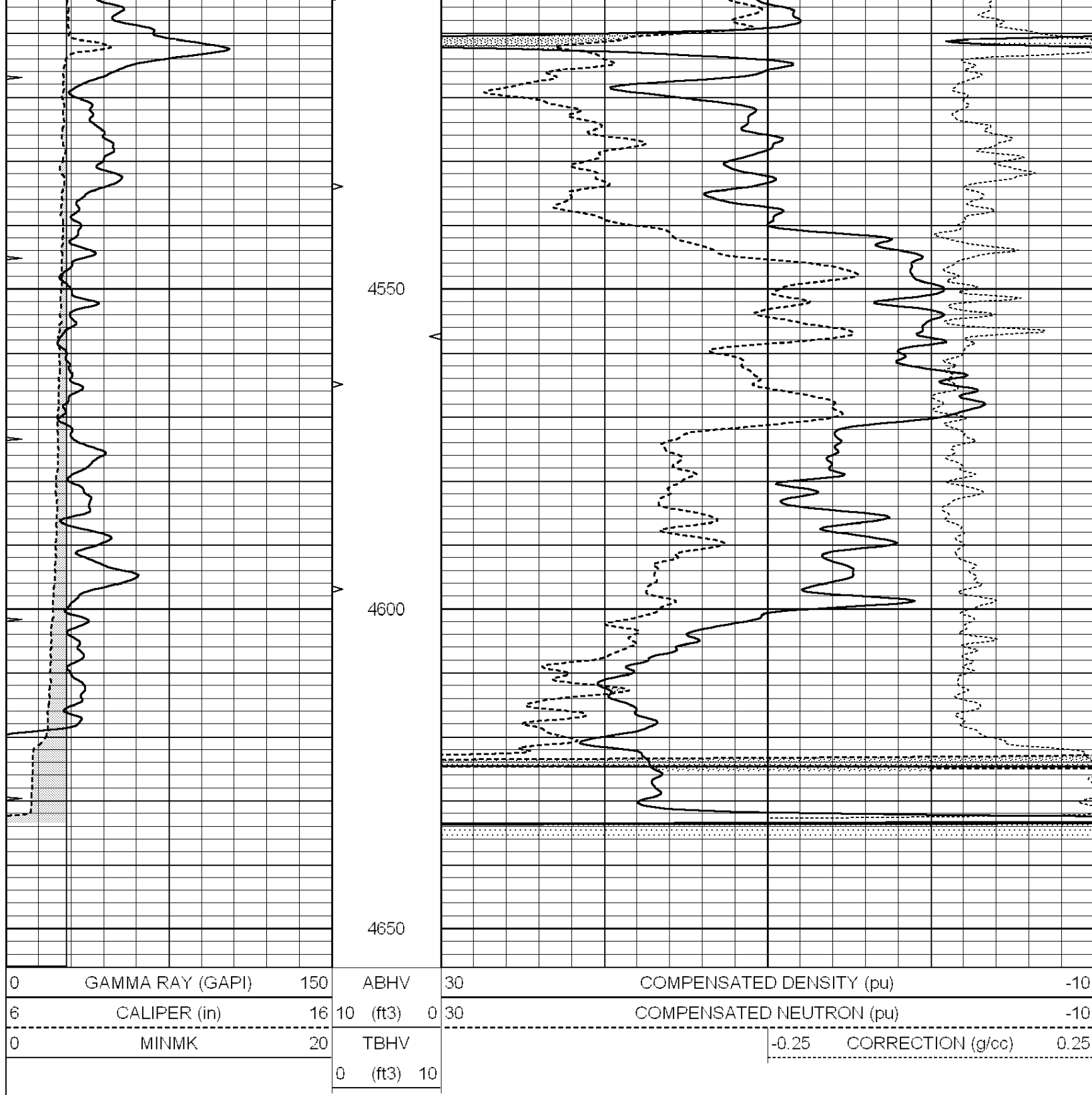
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REPEAT SECTION

Database File: 001217ddn.db
 Dataset Pathname: pass2.1A
 Presentation Format: den_neu
 Dataset Creation: Sat Dec 17 00:16:50 2011
 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			





Calibration Report

Database File: 001217ddn.db
 Dataset Pathname: pass3.1A
 Dataset Creation: Sat Dec 17 00:19:08 2011

Dual Induction Calibration Report

Serial-Model: DIL5-GEAR
 Performed: Fri Dec 16 22:56:09 2011

Readings

Loop: Air Loop

References

Air Loop

Results

m b

Deep	0.004	0.654	V	0.000	400.000	mmho/m	540.000	-14.000
Medium	-0.005	0.737	V	0.000	462.500	mmho/m	550.000	-10.000
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: Fri Dec 16 21:28:25 2011

Master Calibration

	Density		Far Detector	Near Detector	
Magnesium	1.710	g/cc	1243.76	629.14	cps
Aluminum	2.590	g/cc	282.16	435.01	cps
Spine Angle = 76.03			Density/Spine Ratio = 0.576		
	Size		Reading		
Small Ring	8.90	in	3.47	V	
Large Ring	14.00	in	5.80	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: Fri Dec 16 22:35:37 2011

Calibrator Value: 1.0 GAPI

Background Reading: 0.0 cps
 Calibrator Reading: 1.0 cps

Sensitivity: 0.6500 GAPI/cps