



**COMPLETION
& PRODUCTION
SERVICES CO.**

**COMPENSATED
DENSITY / NEUTRON
LOG**

Company	MAI OIL OPERATIONS, INC.		
Well	BEISEL #2		
Field	BEISEL		
County	RUSSELL	State	KANSAS
Location:	API # : 15-167-23836		Other Services DIL SONIC/MEL
	1125' FNL & 2560' FEL		
	SEC 15 TWP 14S RGE 12W		
Permanent Datum	GROUND LEVEL	Elevation	1803
Log Measured From	KELLY BUSHING 8' A.G.L.	K.B. 1811 D.F. G.L. 1803	
Drilling Measured From	KELLY BUSHING		
Date	11-29-12		
Run Number	ONE		
Depth Driller	3370		
Depth Logger	3370		
Bottom Logged Interval	3346		
Top Log Interval	2100		
Casing Driller	367		
Casing Logger	367		
Bit Size	7.875		
Type Fluid in Hole	CHEMICAL MUD		
Density / Viscosity	9.5 / 56		
pH / Fluid Loss	11.0 / 8.0		
Source of Sample	FLOWLINE		
Rim @ Meas. Temp	0.75 @ 62F		
Rmf @ Meas. Temp	0.56 @ 62F		
Rmc @ Meas. Temp	0.90 @ 62F		
Source of Rmf / Rmc	MEASURED		
Rim @ BHT	.430 @ 108F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom	6:30 A.M.		
Maximum Recorded Temperature	108F		
Equipment Number	860		
Location	HAYS, KS.		
Recorded By	RUPP		
Witnessed By	JIM MUSGROVE		

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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: BUNKER HILL & I-70 EXIT, 2E ON OLD #40, 1S, 1 1/2E, S INTO.

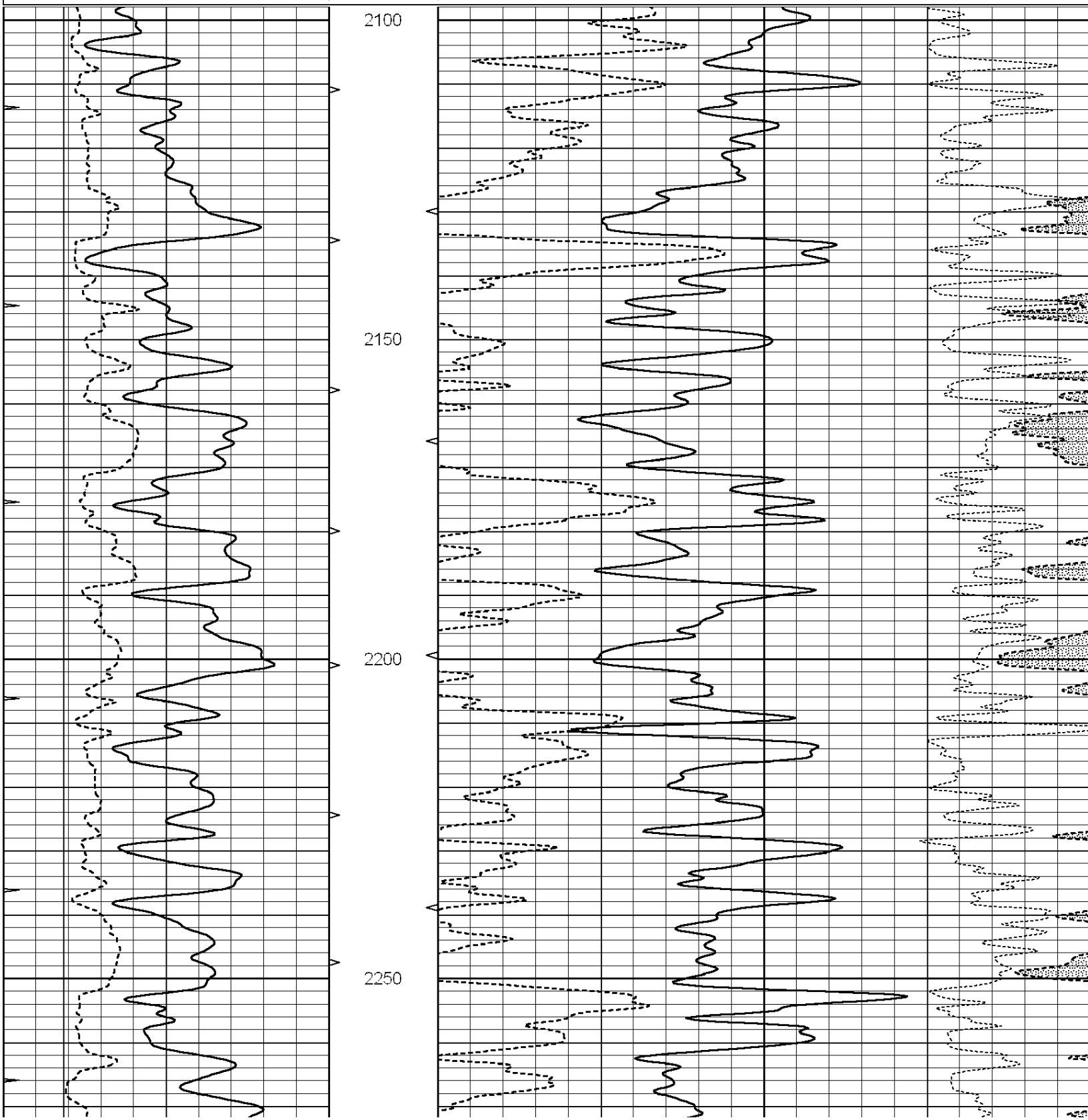


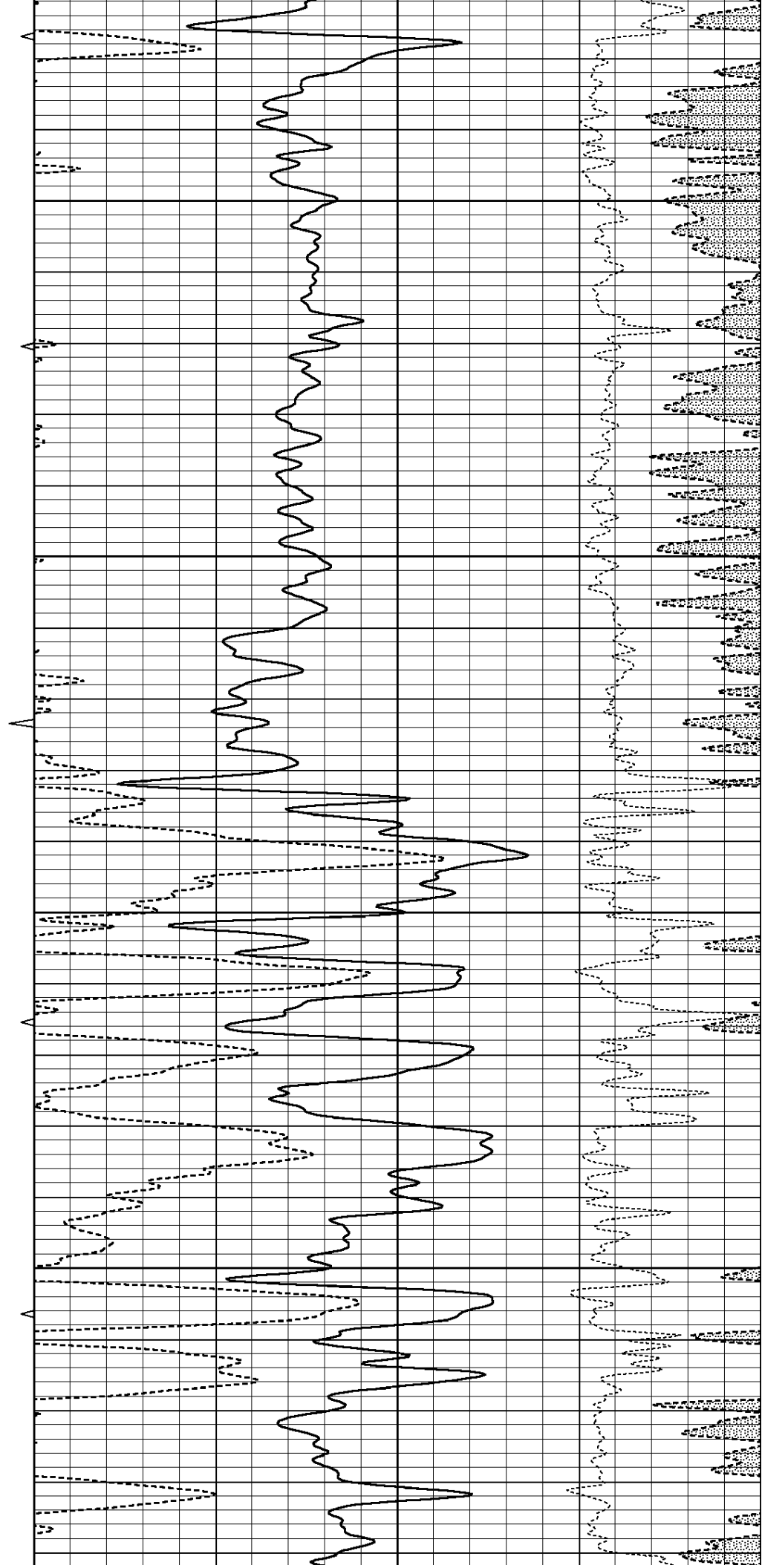
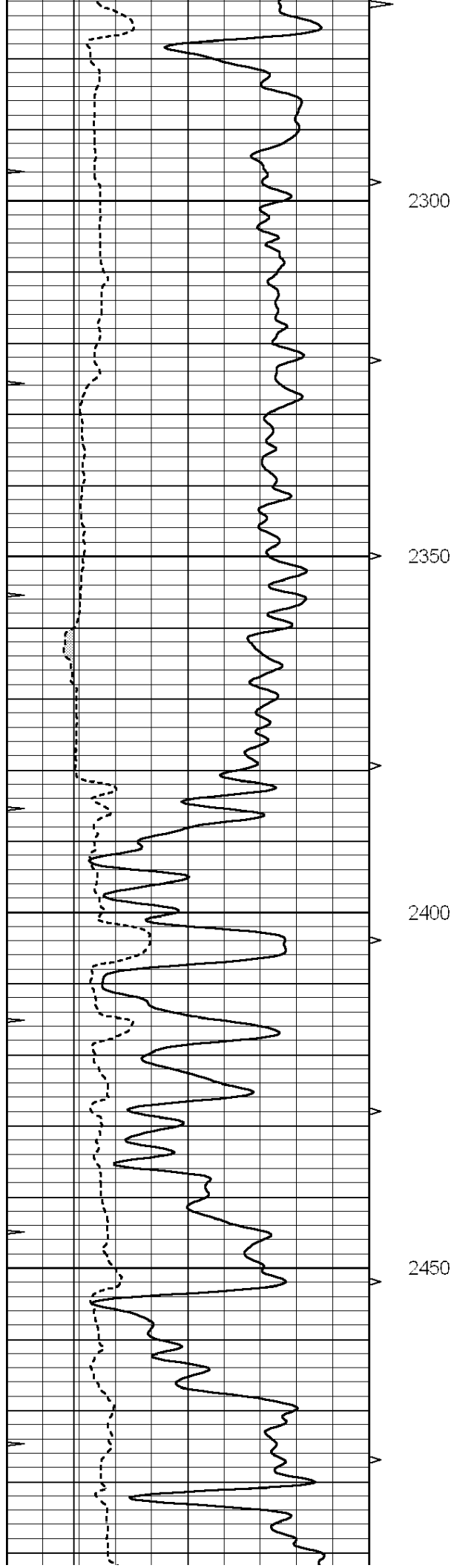
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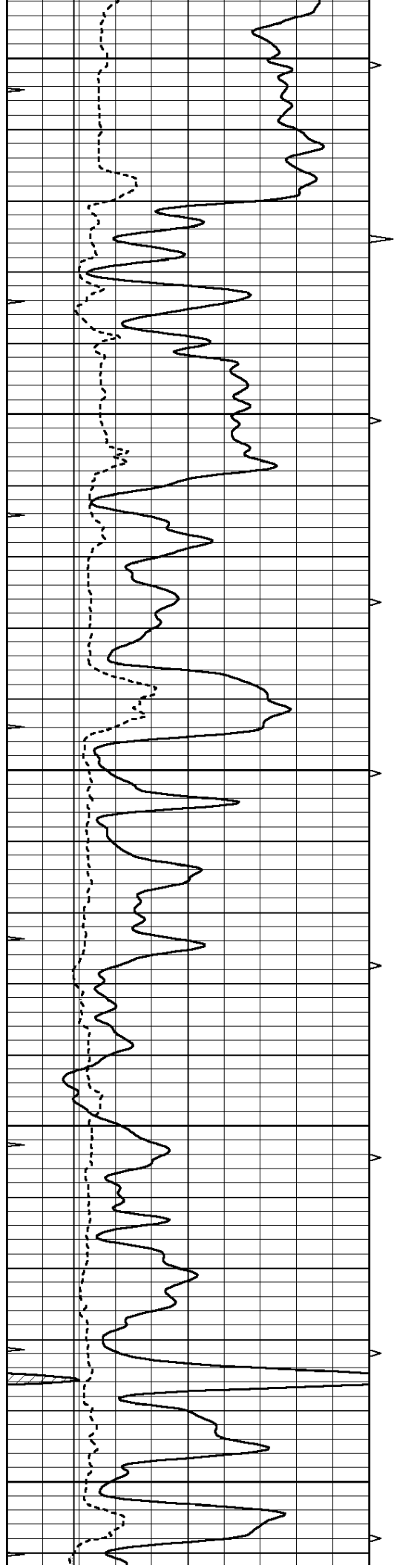
MAIN SECTION

Database File: 010155ddn.db
 Dataset Pathname: pass3.1A
 Presentation Format: den_neu
 Dataset Creation: Thu Nov 29 08:16:09 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		







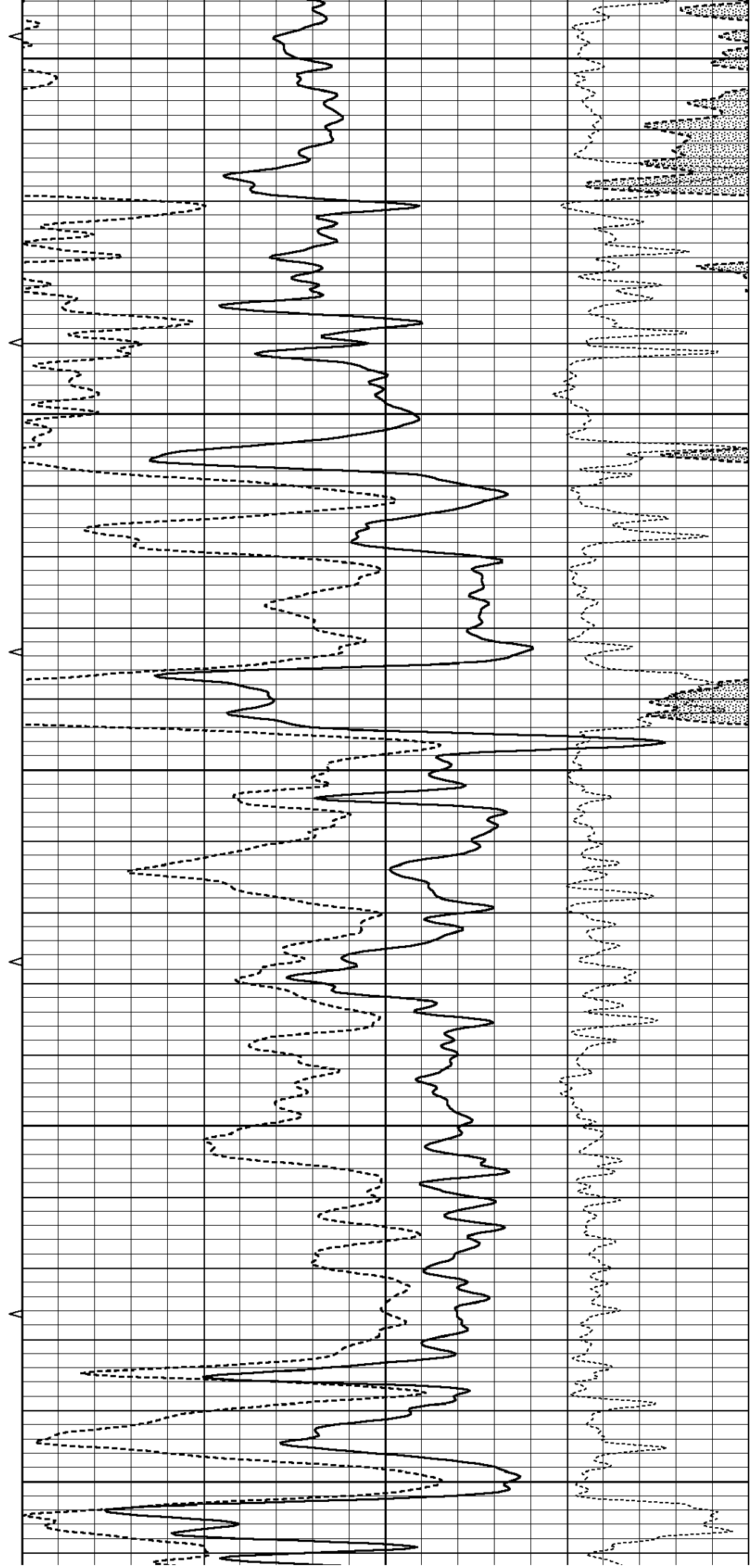
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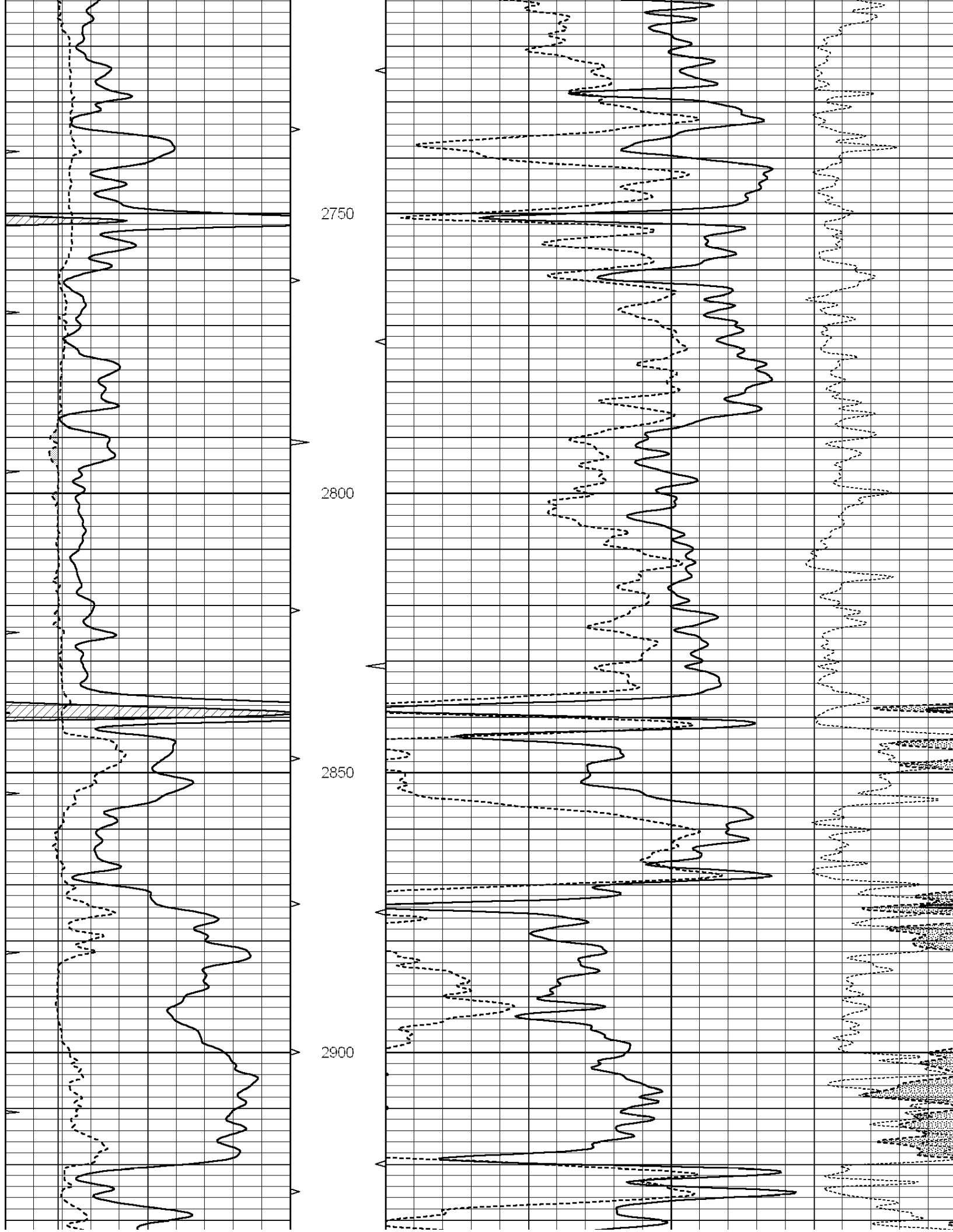
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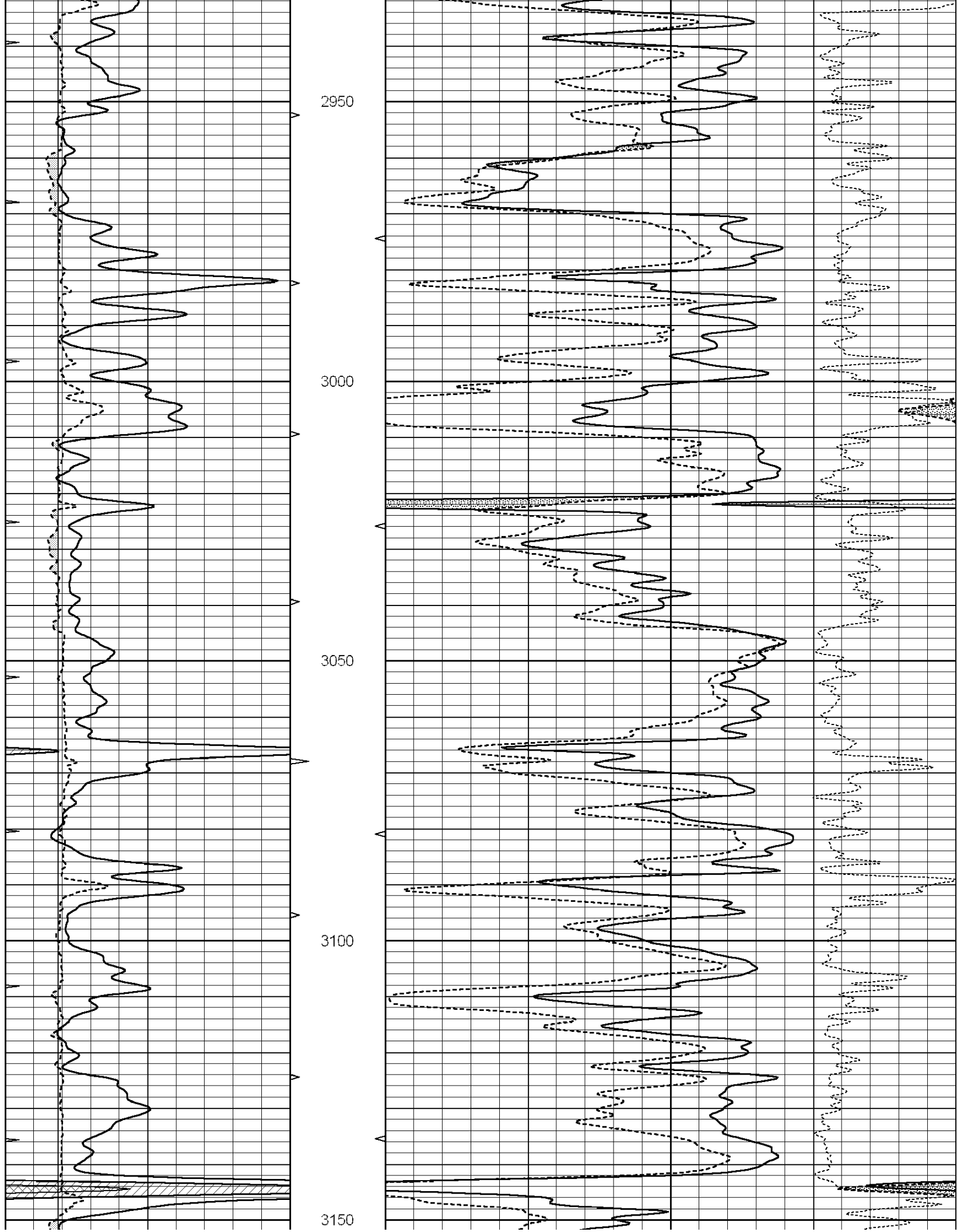
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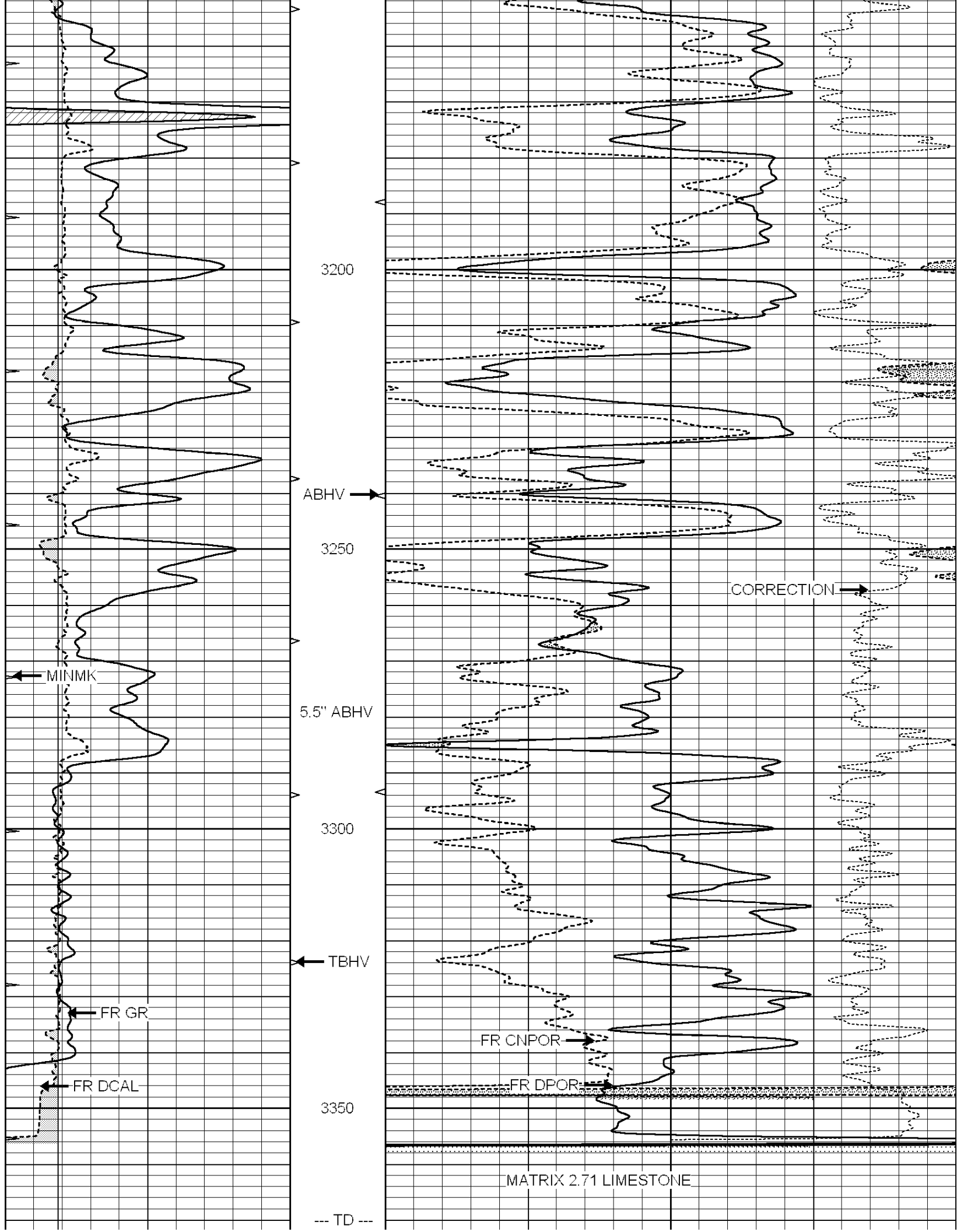
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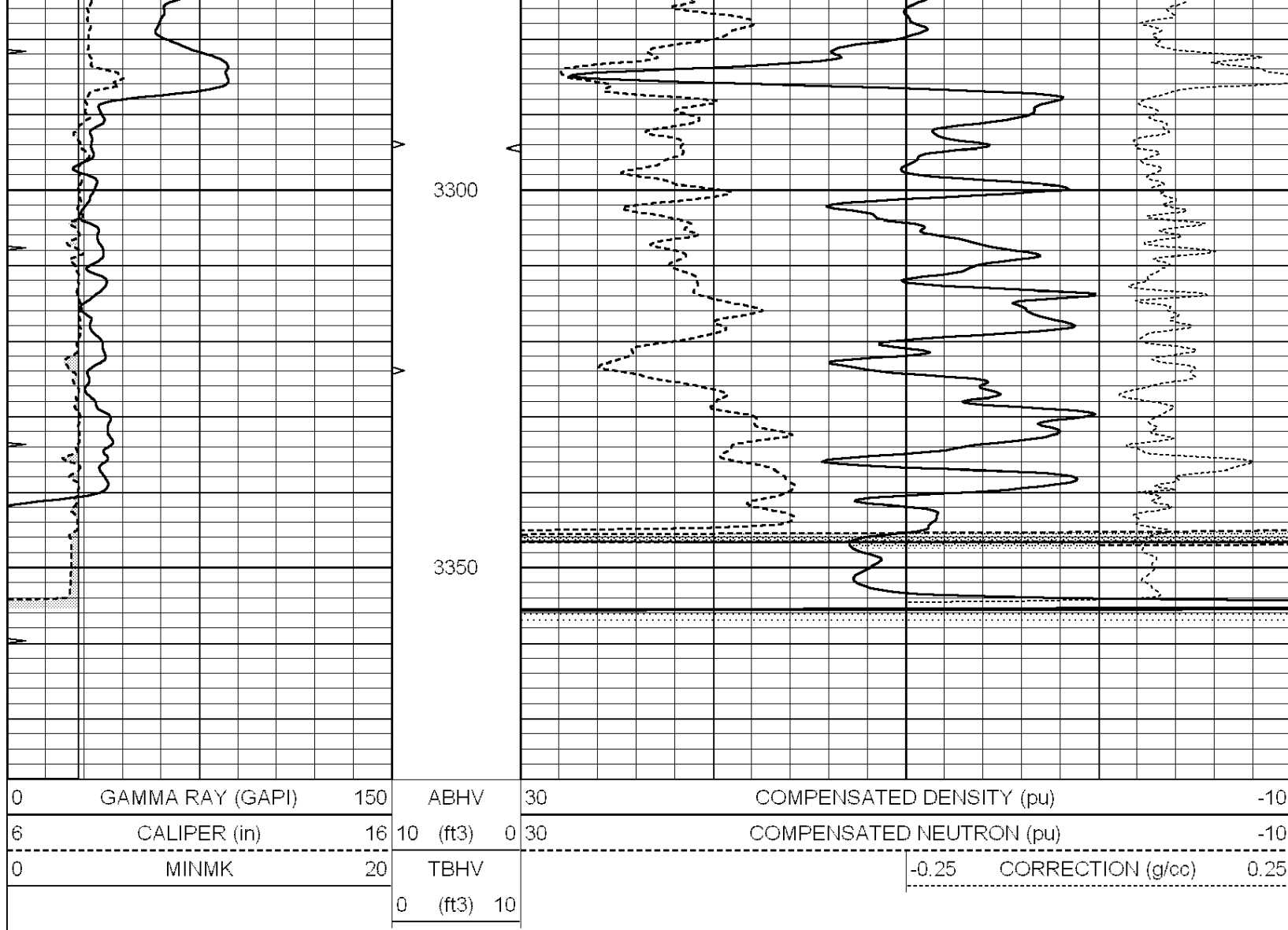
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Calibration Report

Database File: 010155ddn.db
 Dataset Pathname: pass3.1A
 Dataset Creation: Thu Nov 29 08:16:09 2012

Dual Induction Calibration Report

Serial-Model: DIL5-GEAR
 Performed: Thu Nov 29 05:51:56 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	-12.000
Medium	-0.005	0.737	V	0.000	462.500	mmho/m	490.000	-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 29 05:51:45 2012

	Density		Far Detector		Near Detector	
Magnesium	1.710	g/cc	1205.67		613.10	cps
Aluminum	2.580	g/cc	277.64		430.46	cps
Spine Angle = 76.46			Density/Spine Ratio = 0.576			
	Size		Reading			
Small Ring	7.30	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 29 07:03:19 2012

Calibrator Value: 1.0 GAPI

Background Reading: 0.0 cps
Calibrator Reading: 1.0 cps

Sensitivity: 0.7500 GAPI/cps