



SUPERIOR
Hays,
Kansas

COMPENSATED DENSITY LOG

Company **BEREXCO, LLC.**
Well **DINGES #2**
Field **LEIKER**
County **ELLIS** State **KANSAS**

Location: **API # : 15-051-26010**
412' FSL & 996' FWL
SEC 10 TWP 15S RGE 18W
Permanent Datum **GROUND LEVEL** Elevation **2020**
Log Measured From **KELLY BUSHING 11' A.G.L.**
Drilling Measured From **KELLY BUSHING**
Other Services
RAG
MICRO
Elevation
K.B. 2031
D.F.
G.L. 2020

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Date	7-23-10		
Run Number	THREE		
Depth Driller	3675		
Depth Logger	3680		
Bottom Logged Interval	3677		
Top Log Interval	2700		
Casing Driller	1182		
Casing Logger	1182		
Bit Size	7.875		
Type Fluid in Hole	CHEMICAL MUD		
Density / Viscosity	8.8 / 60		
pH / Fluid Loss	11.8 / 8.2		
Source of Sample	FLOWLINE		
Rim @ Meas. Temp	0.40 @ 85F		
Rmf @ Meas. Temp	0.30 @ 85F		
Rmc @ Meas. Temp	0.48 @ 85F		
Source of Rmf / Rmc	MEASURED		
Rim @ BHT	.310 @ 111F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom	7:00 A.M.		
Maximum Recorded Temperature	111F		
Equipment Number	860		
Location	HAYS, KS.		
Recorded By	RUPP		
Witnessed By	BRYAN BYNOG		

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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: HAYS, 7S, E INTO.

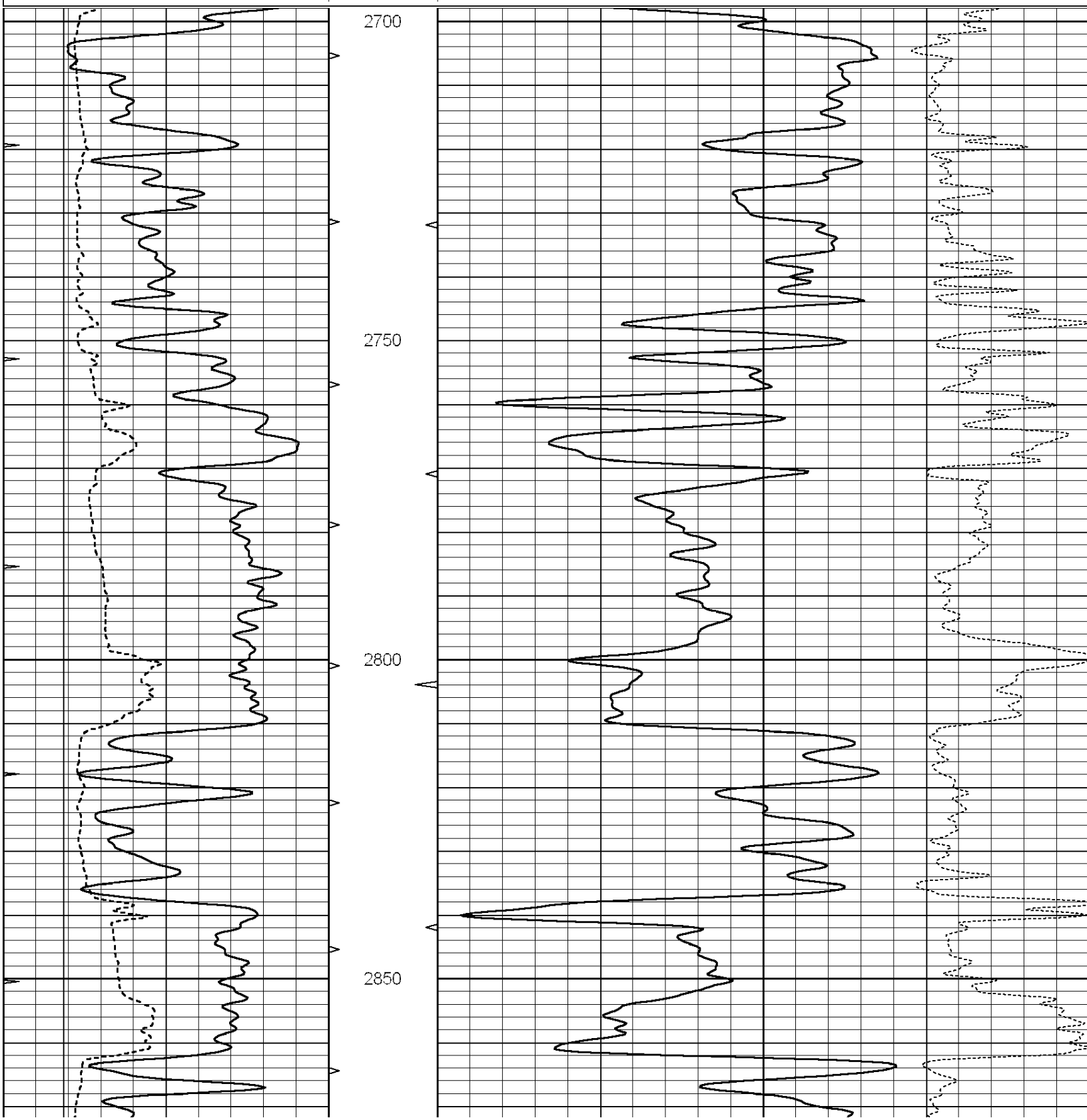


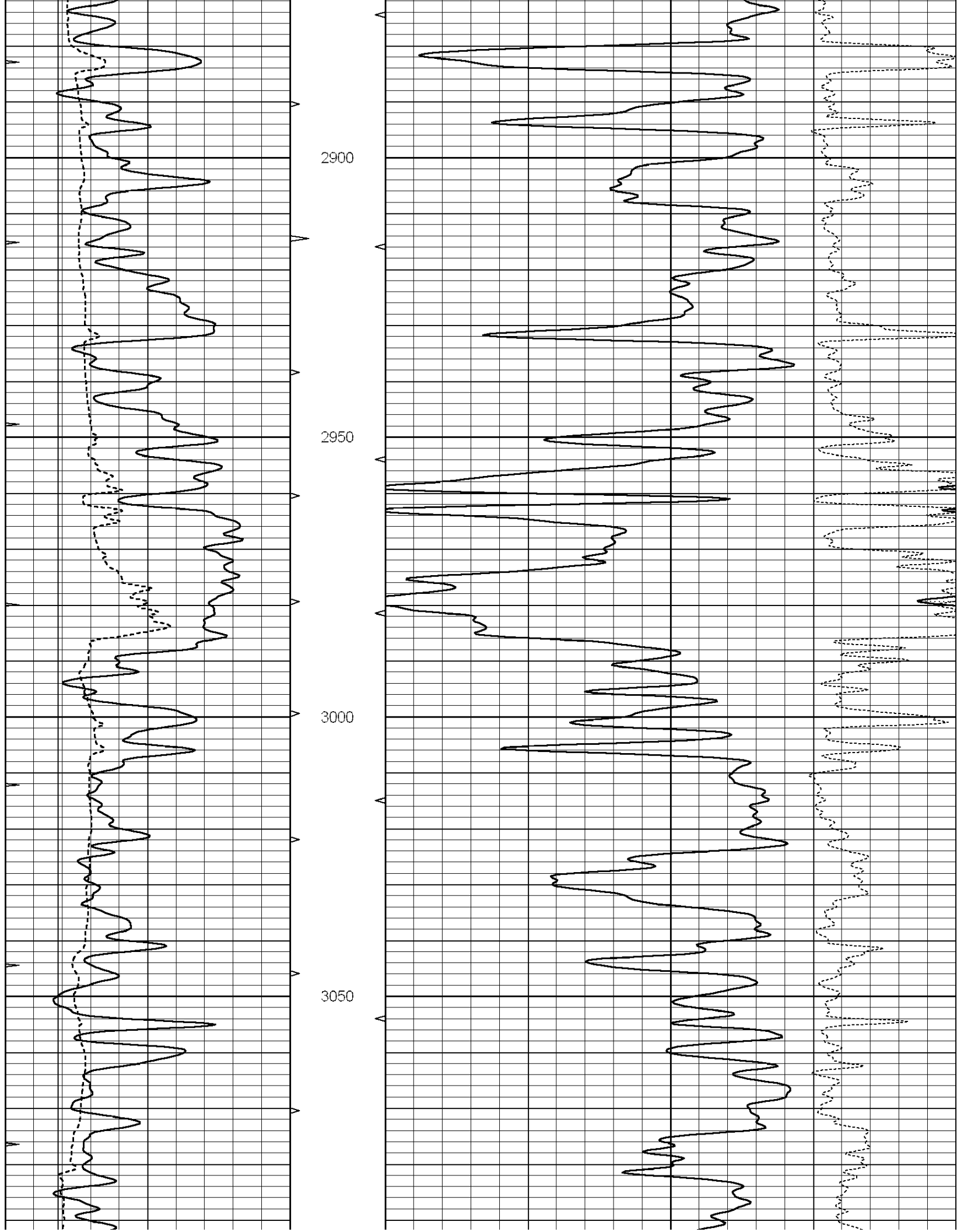
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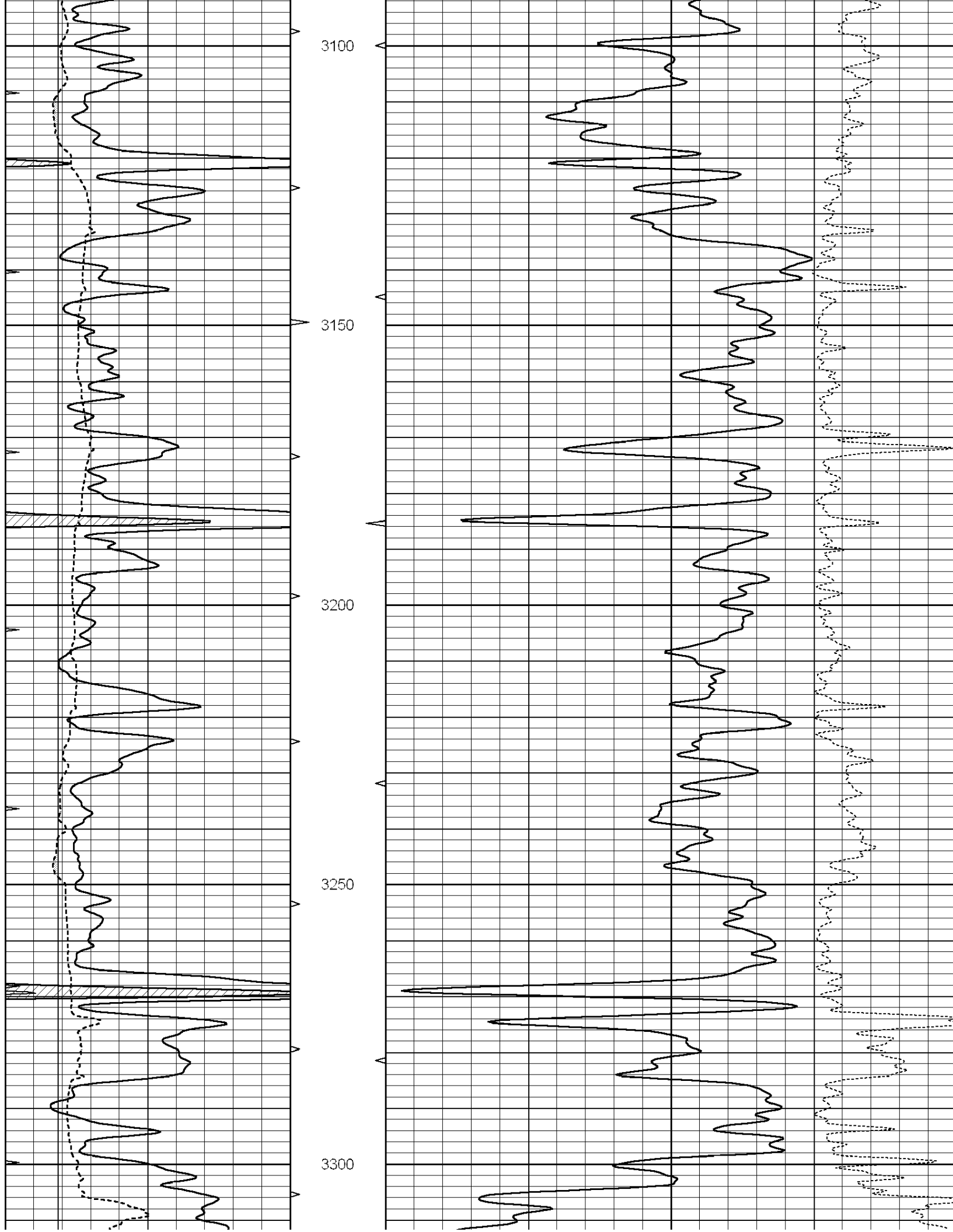
MAIN SECTION

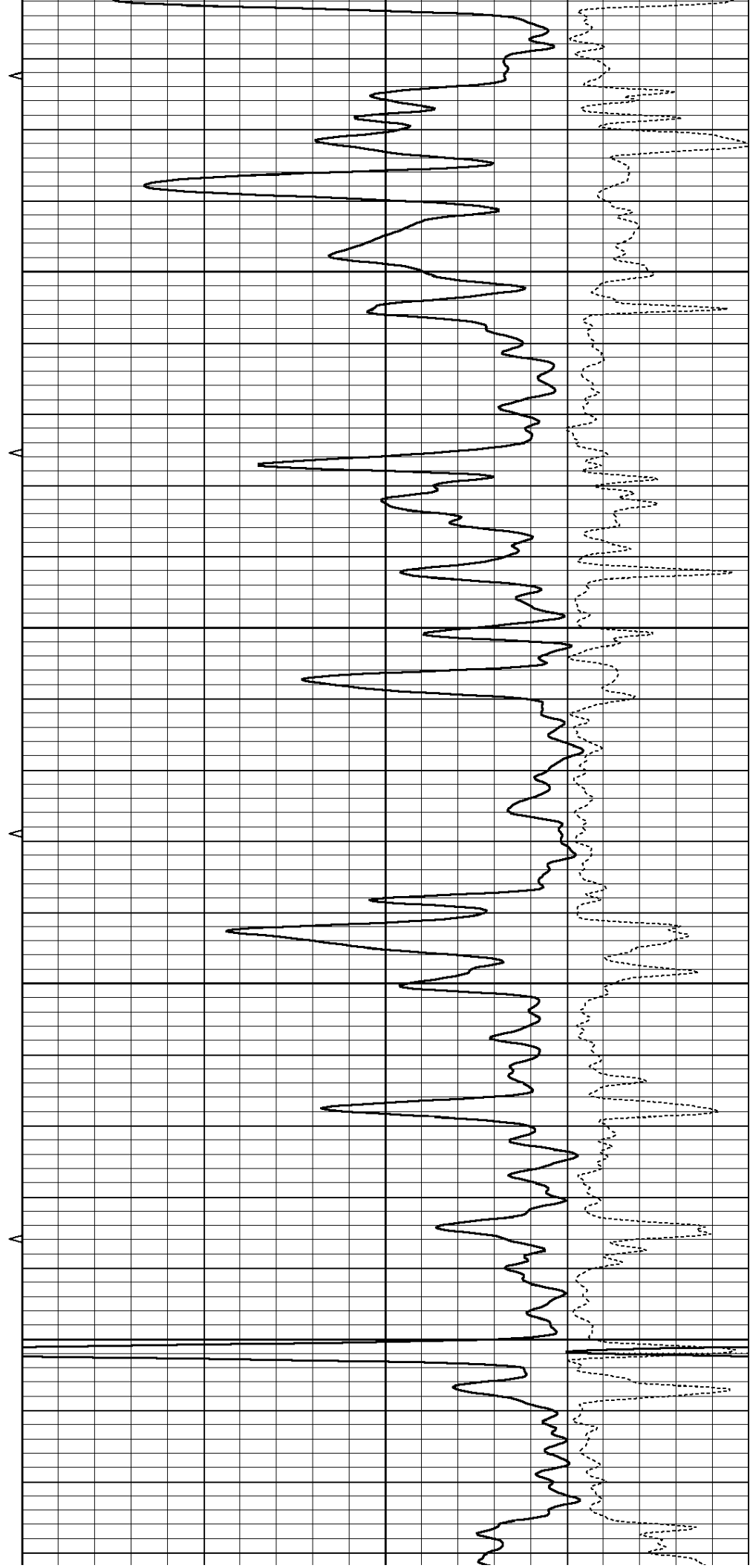
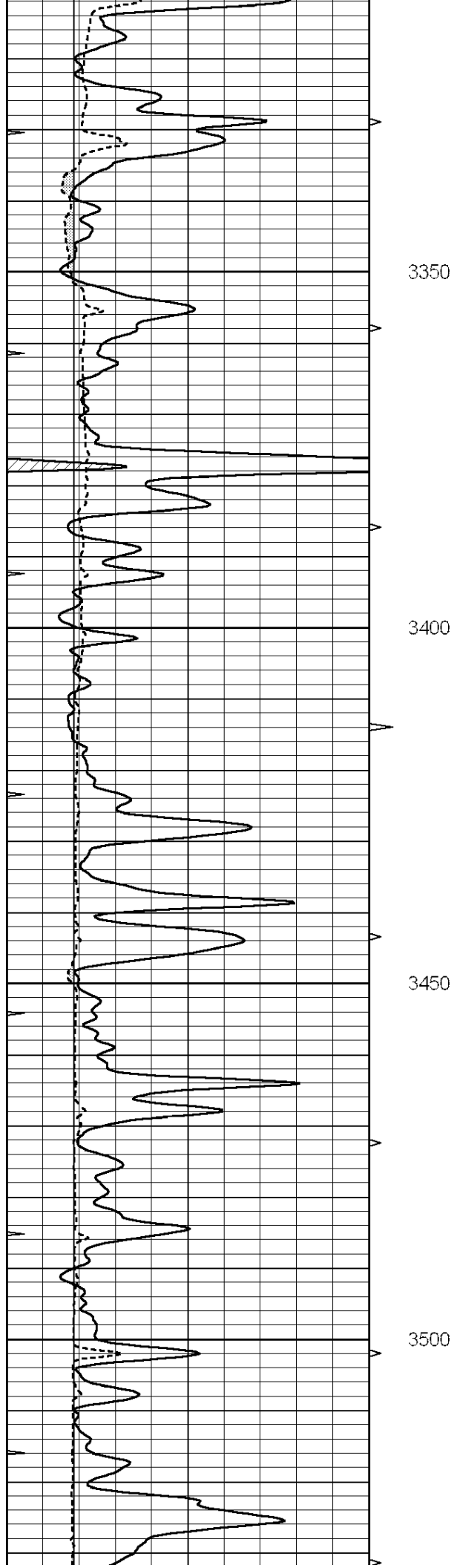
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 Dataset Pathname: pass8
 Presentation Format: den_neu
 Dataset Creation: Fri Jul 23 10:41:08 2010 by Log Open-Cased 090629
 Charted by: Depth in Feet scaled 1:240

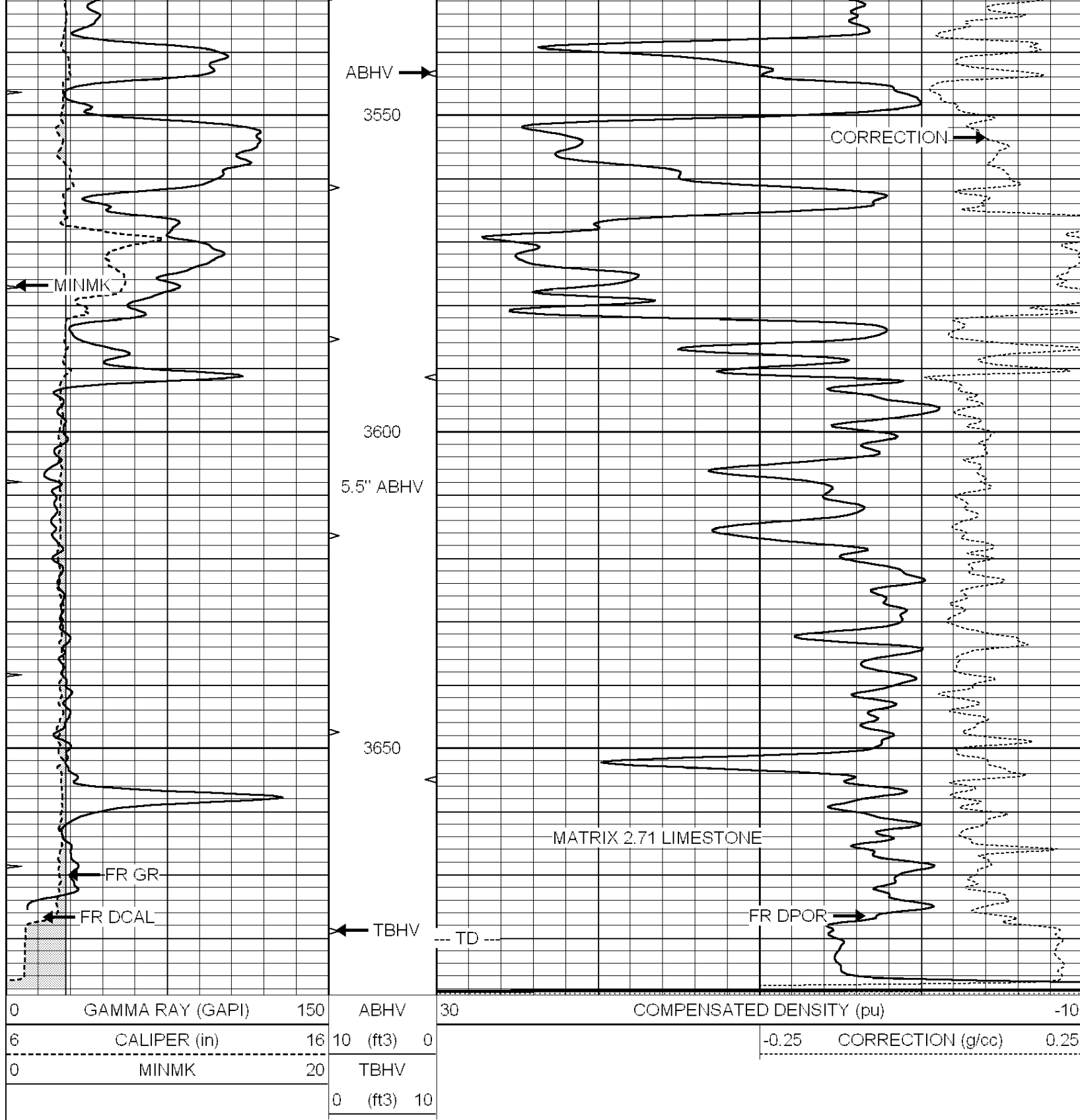
0	GAMMA RAY (GAPI)	150	ABHV	30	COMPENSATED DENSITY (pu)	-10
6	CALIPER (in)	16	10 (ft3) 0		-0.25	CORRECTION (g/cc) 0.25
0	MINMK	20	TBHV			
			0 (ft3) 10			











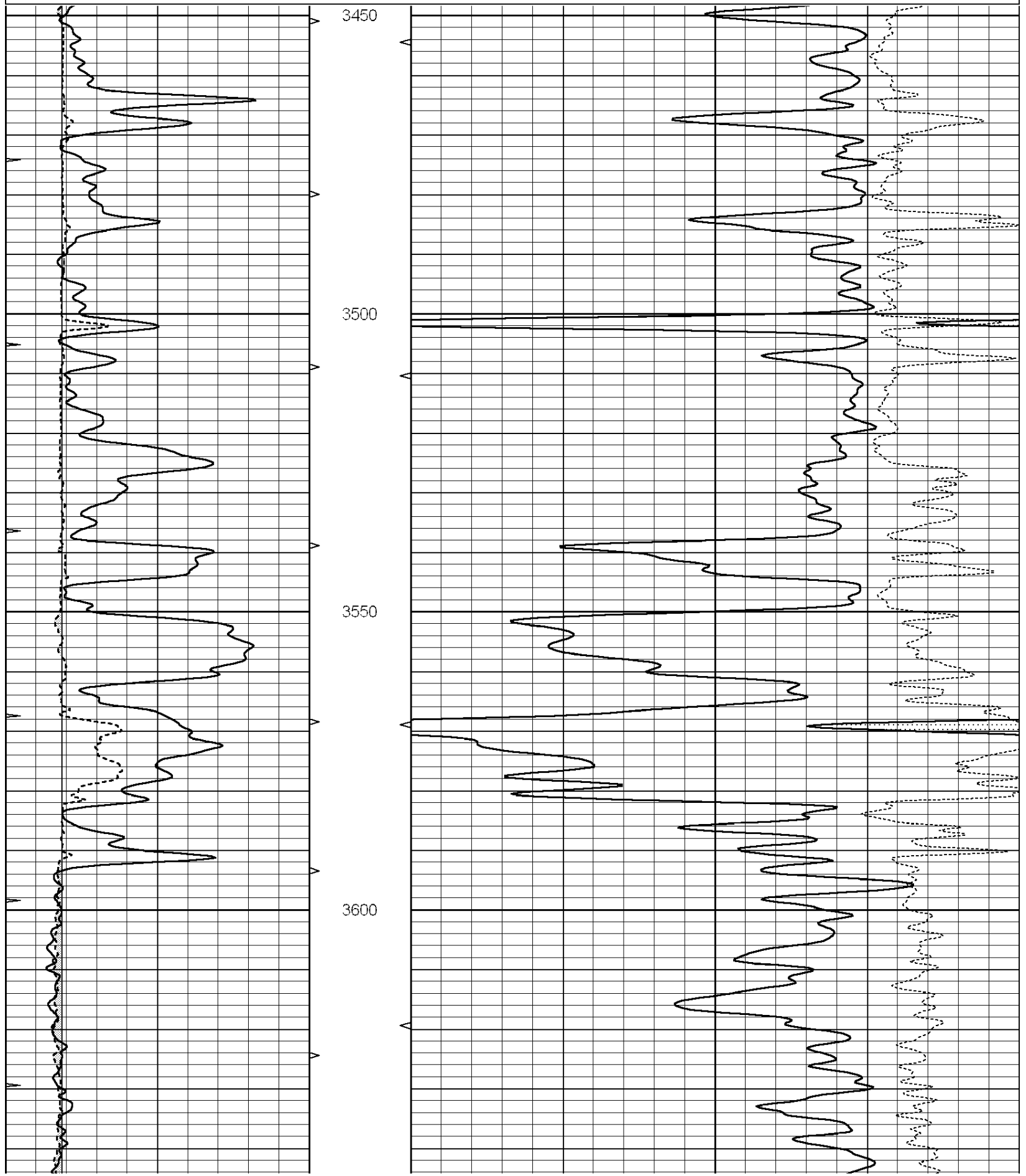
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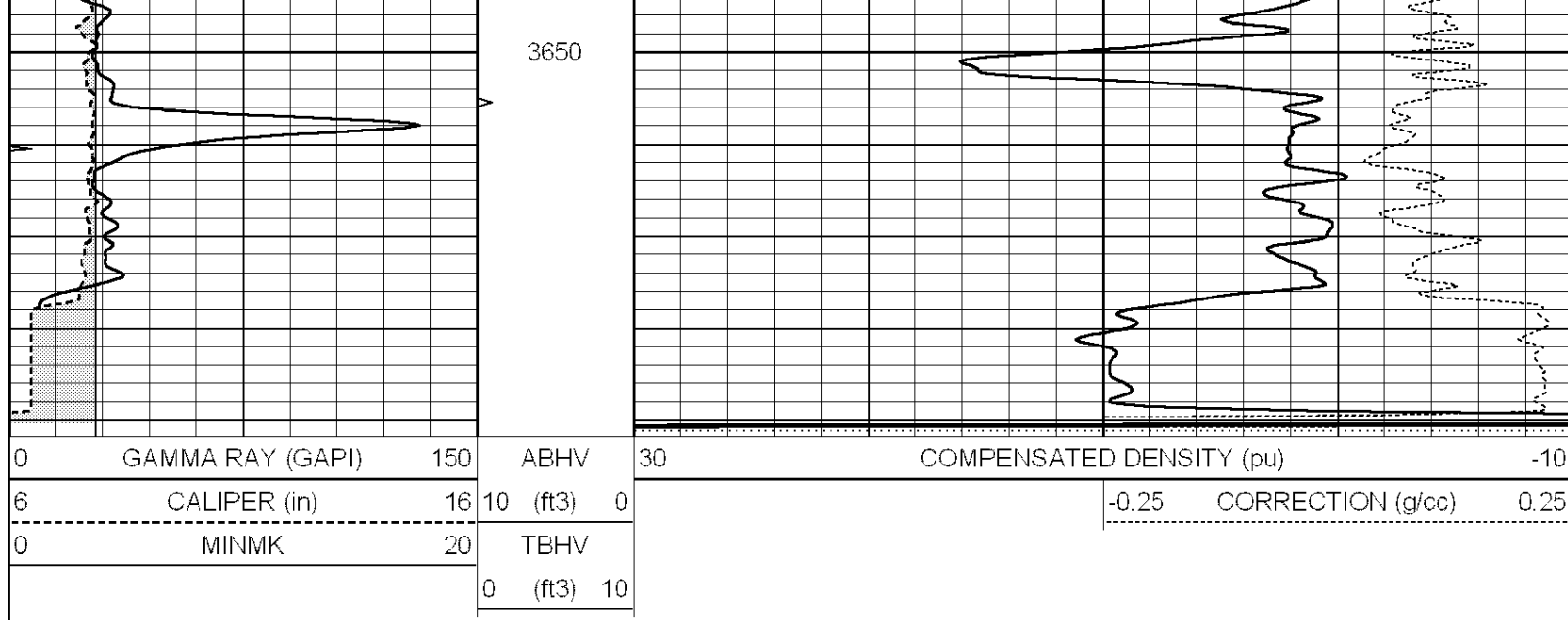
REPEAT SECTION

Database File: 005629rag.db
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 Presentation Format: den_neu
 Dataset Creation: Fri Jul 23 10:54:46 2010 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		-0.25	CORRECTION (g/cc)	0.25

0	MINMK	20	TBHV					
			0 (ft3)	10				





Calibration Report

Database File: 005629rag.db
 Dataset Pathname: pass8
 Dataset Creation: Fri Jul 23 10:41:08 2010 by Log Open-Cased 090629

Compensated Density Calibration Report

Serial-Model: GEAR1-GEARHART
 Source / Verifier: 147 / 147
 Master Calibration Performed: Tue Jul 20 21:30:44 2010

Master Calibration

	Density		Far Detector	Near Detector	
Magnesium	1.710	g/cc	1243.76	629.14	cps
Aluminum	2.580	g/cc	282.16	435.01	cps
Spine Angle = 76.03			Density/Spine Ratio = 0.569		
	Size		Reading		
Small Ring	7.60	in	3.82	V	
Large Ring	14.00	in	6.37	V	

Compensated Neutron Calibration Report

Serial Number: NEU_11
 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 Jul 23 10:40:36 2010

Calibrator Value: 1.0 GAPI

Background Reading: 0.0 cps

Calibrator Reading:

1.0

cps

Sensitivity:

0.6200

GAPI/cps