



SUPERIOR
Hays,
Kansas

COMPENSATED
DENSITY / NEUTRON
LOG

Company	RED OAK ENERGY, INC.	Company	RED OAK ENERGY, INC.
Well	FRAHM #1-19	Well	FRAHM #1-19
Field	WILDCAT	Field	WILDCAT
County	THOMAS	County	THOMAS
State	KANSAS	State	KANSAS
Location:	API # : 15-193-20776 220' FSL & 400' FWL	Other Services DIL SONIC/MEL	
Permanent Datum	GROUND LEVEL	Elevation	3255
Log Measured From	KELLY BUSHING 6' A.G.L.	K.B. 3261 D.F. G.L. 3255	
Drilling Measured From	KELLY BUSHING		
SEC 19 TWP 8S RGE 34W			
Date	6-29-10		
Run Number	ONE		
Depth Driller	4810		
Depth Logger	4810		
Bottom Logged Interval	4786		
Top Log Interval	3600		
Casing Driller	361		
Casing Logger	361		
Bit Size	7.875		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES: 5000 ppm	
Density / Viscosity	9.3 / 55		
pH / Fluid Loss	11.0 / 6.8		
Source of Sample	FLOWLINE		
Rim @ Meas. Temp	0.65 @ 102F		
Rmf @ Meas. Temp	0.49 @ 102F		
Rmc @ Meas. Temp	0.78 @ 102F		
Source of Rmf / Rmc	MEASURED		
Rim @ BHT	.540 @ 123F		
Time Circulation Stopped	3 HOURS		
Time Logger on Bottom	4:00 P.M.		
Maximum Recorded Temperature	123F		
Equipment Number	860		
Location	HAYS, KS.		
Recorded By	RUPP		
Witnessed By	SEAN DEENIHAN	KEVIN DAVIS	

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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: COLBY, 2S TO RD. "O", 6W, N INTO.

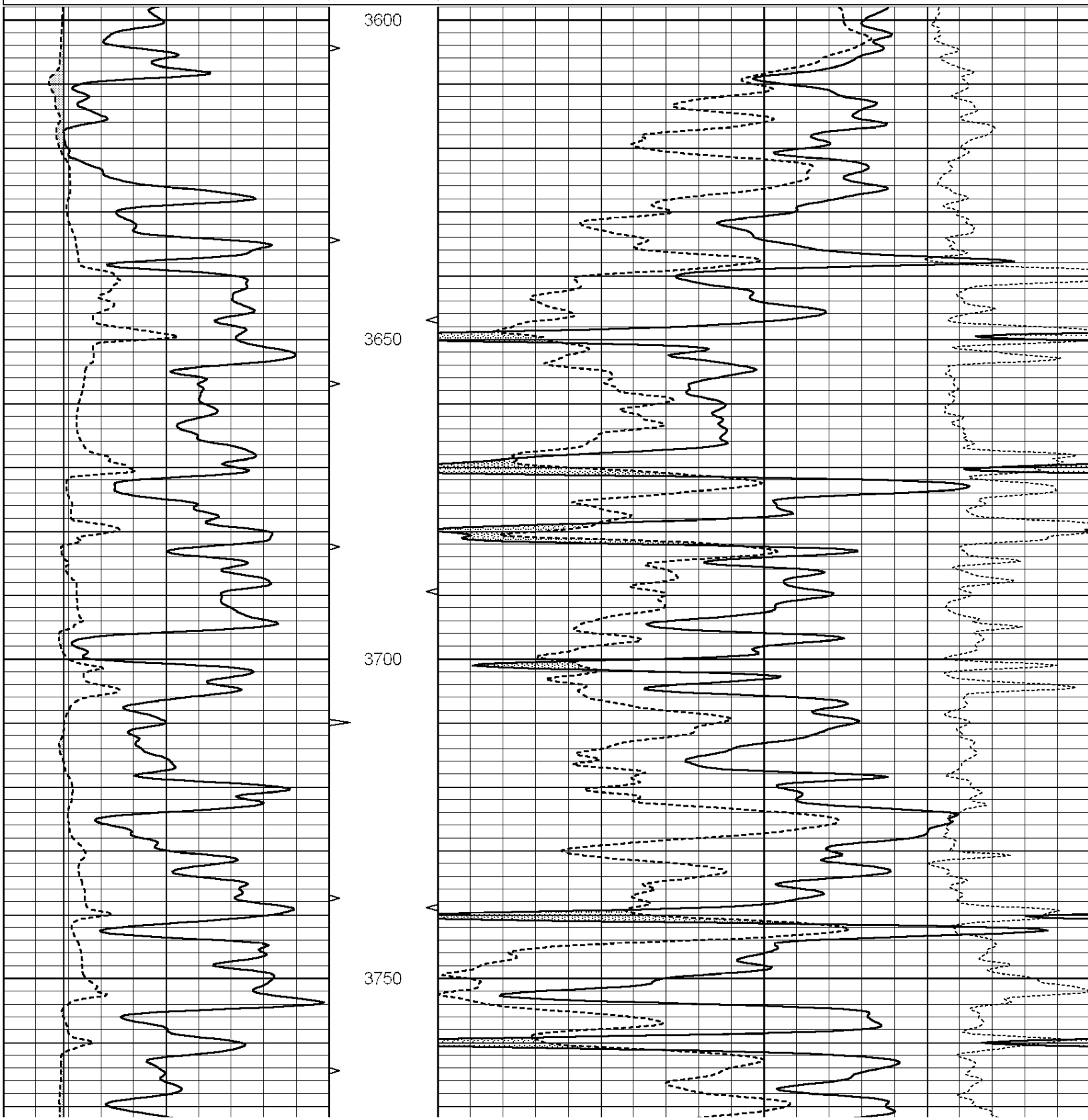


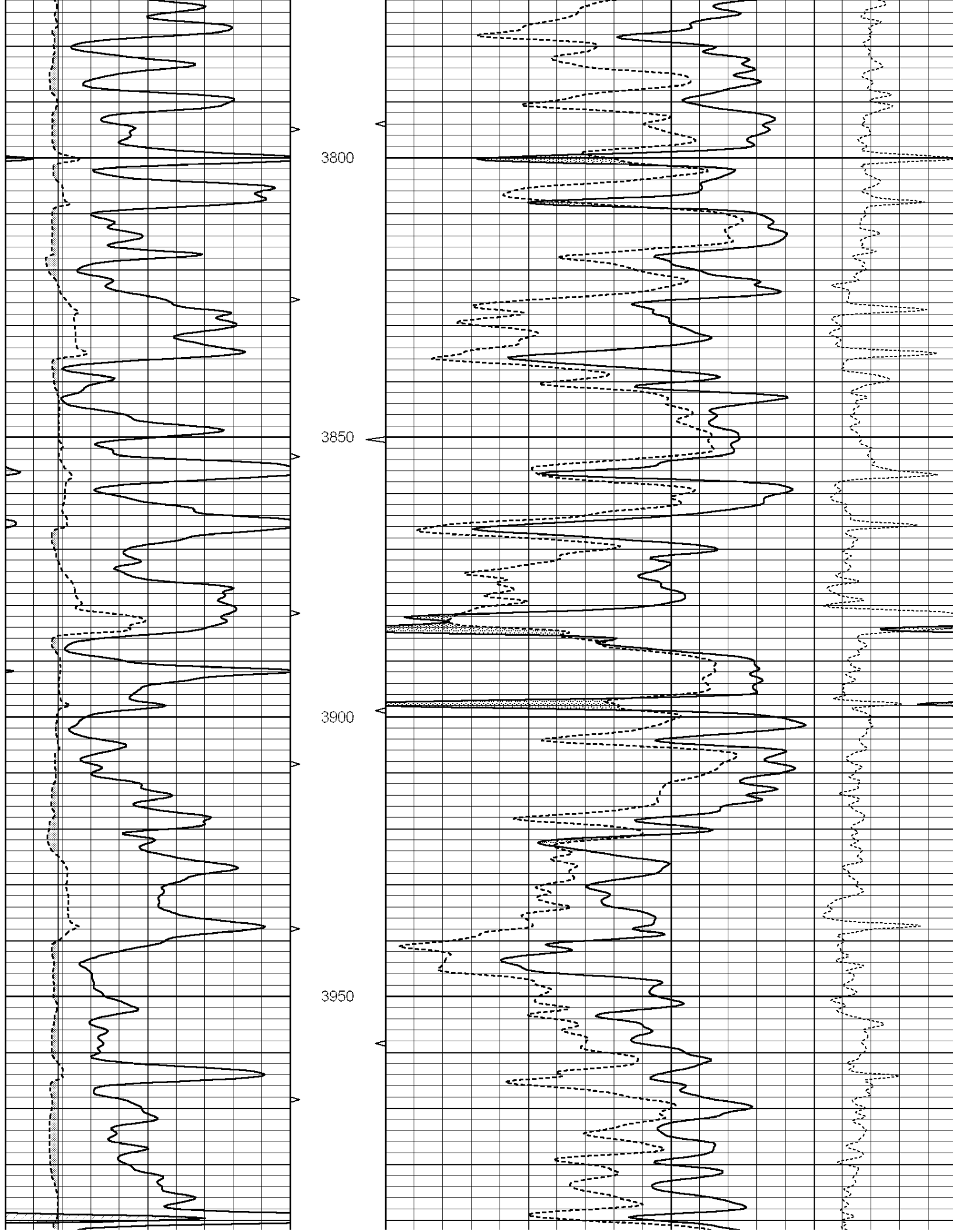
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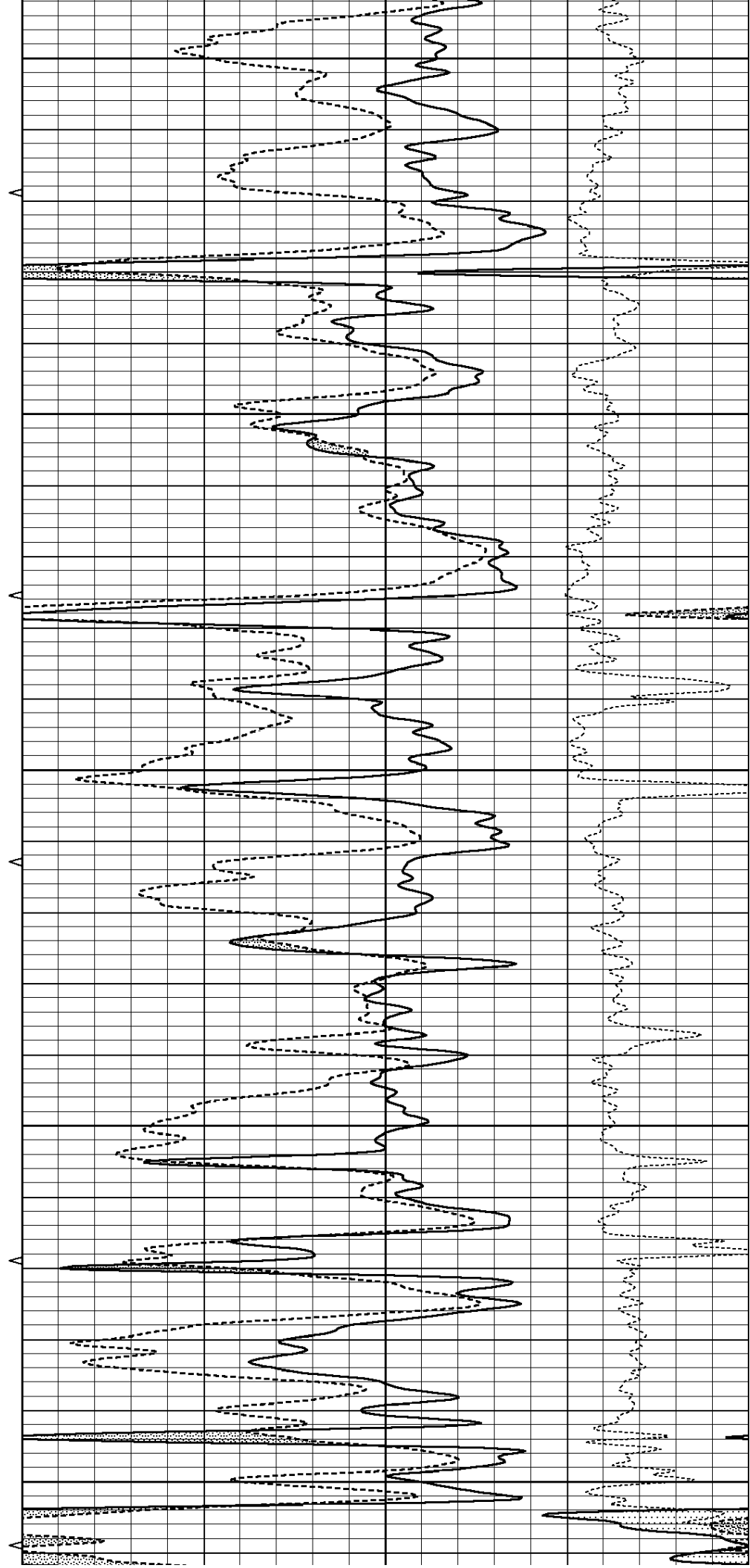
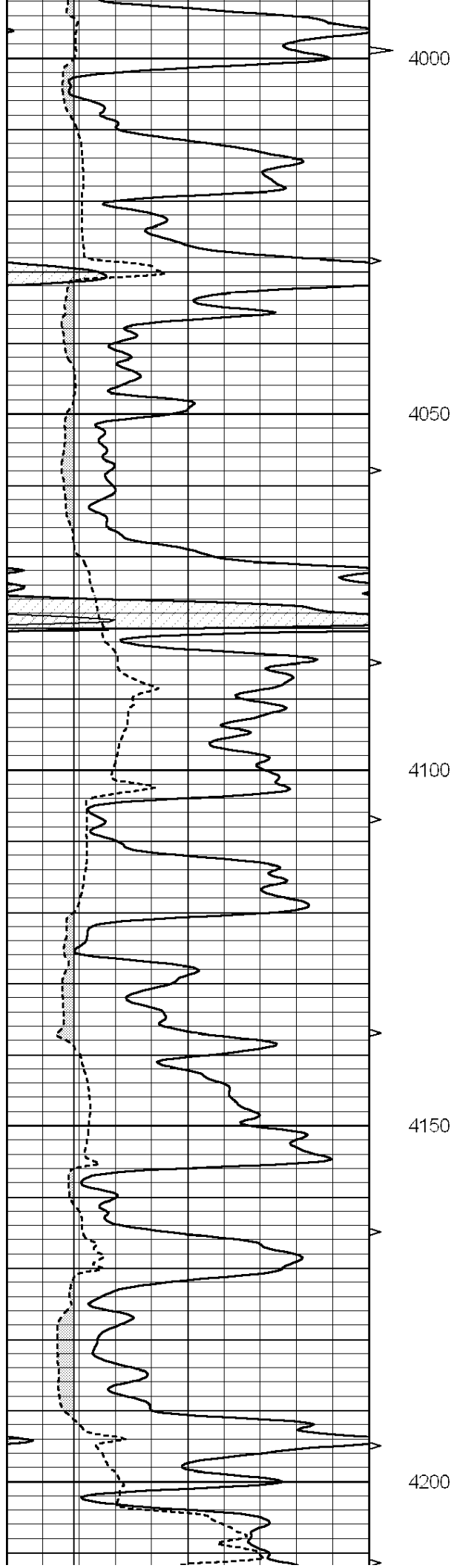
MAIN SECTION

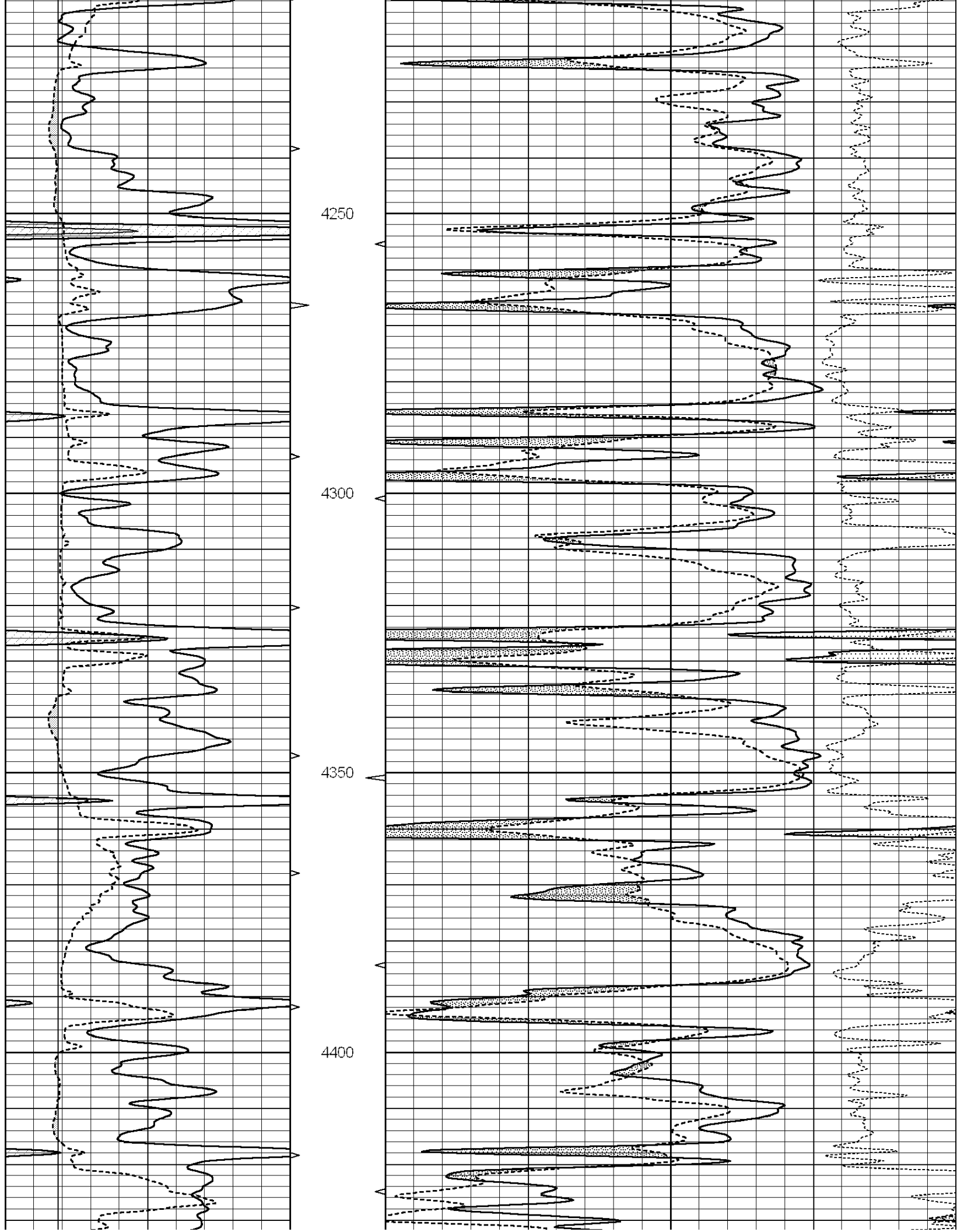
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 Dataset Creation: Tue Jun 29 16:24:37 2010 by Log Open-Cased 090629
 Charted by: Depth in Feet scaled 1:240

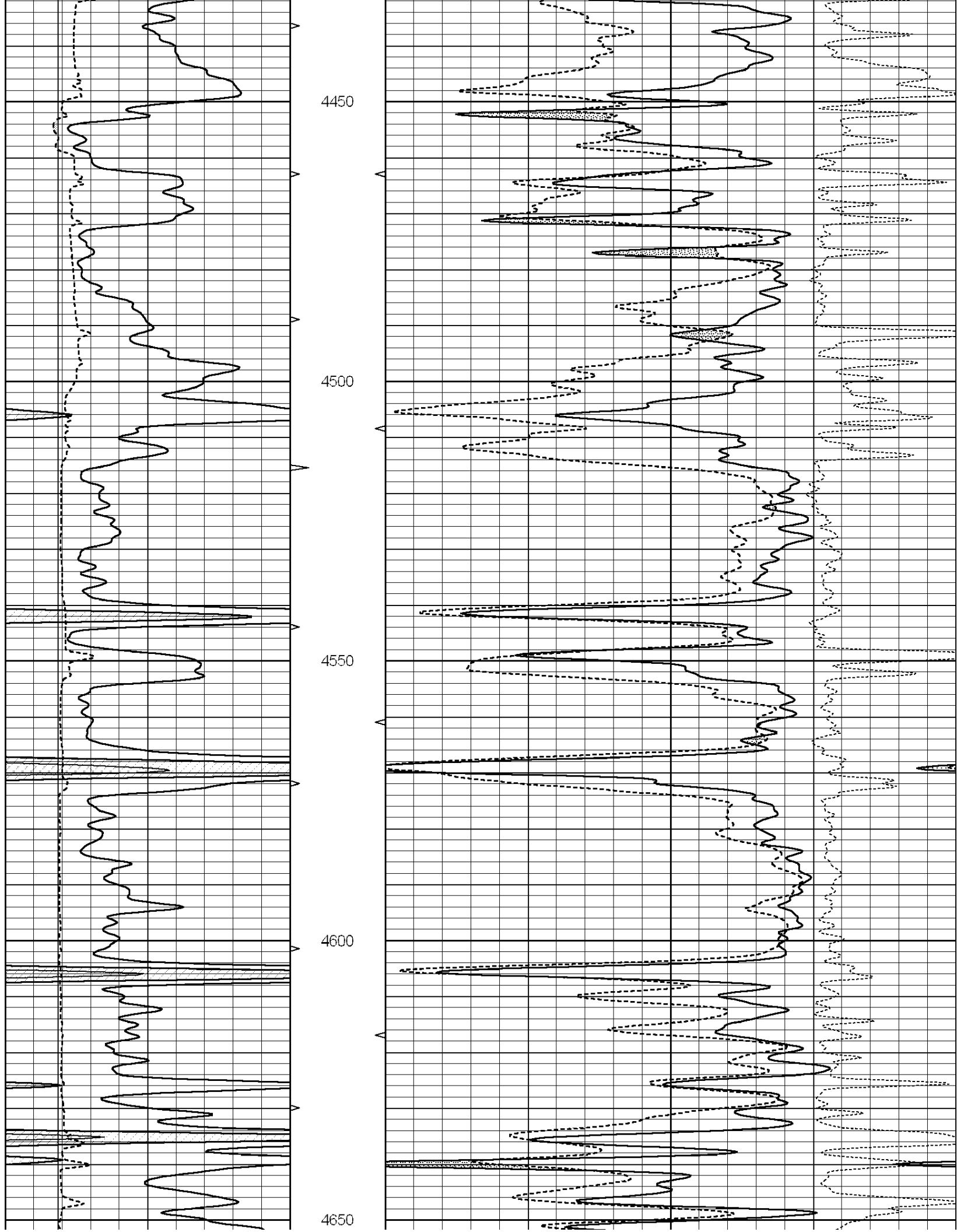
0	GAMMA RAY (GAPI)	150	ABHV	30	COMPENSATED DENSITY (pu)	-10
6	CALIPER (in)	16	10 (ft3) 0	30	COMPENSATED NEUTRON (pu)	-10
			TBHV		-0.25	CORRECTION (g/cc) 0.25
			0 (ft3) 10			

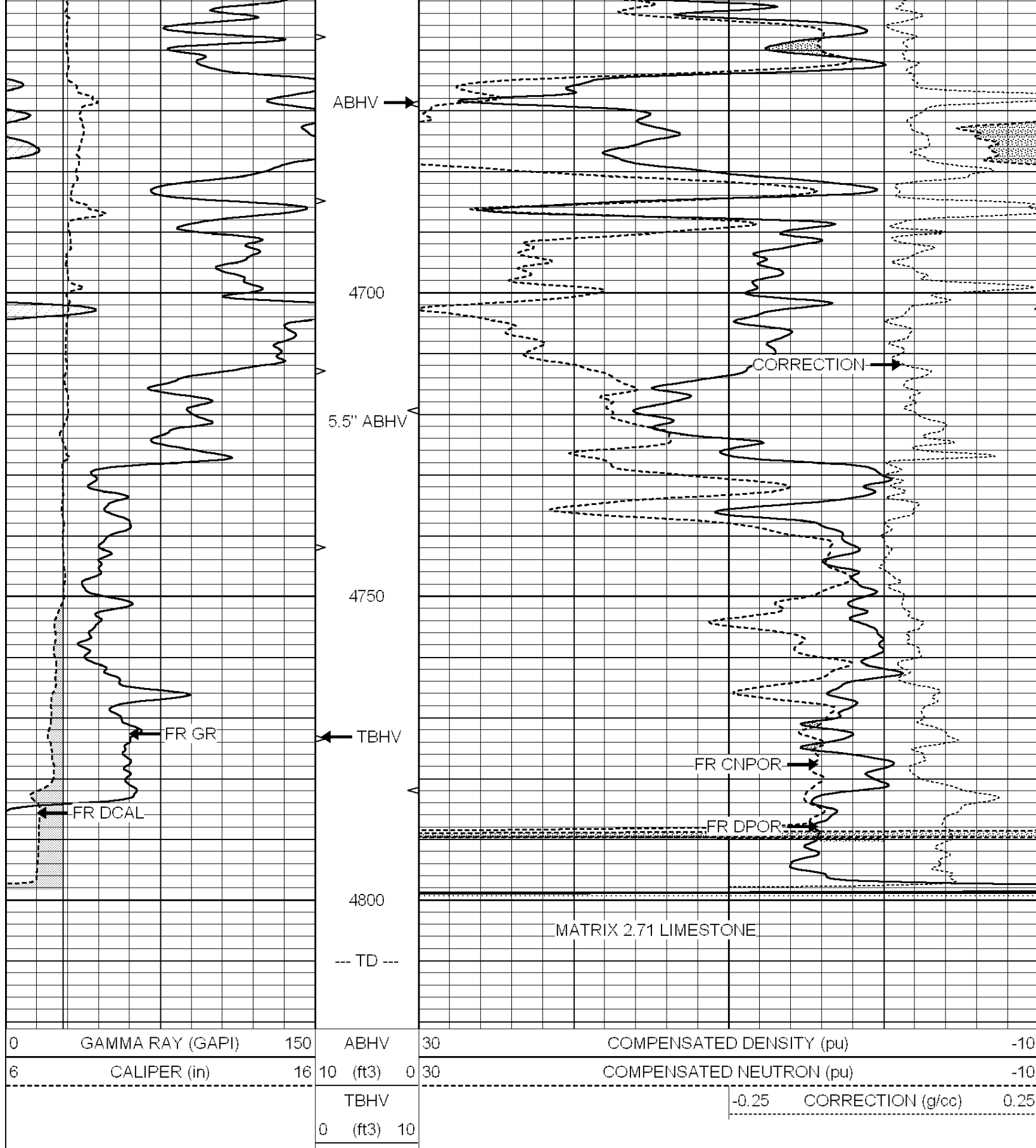










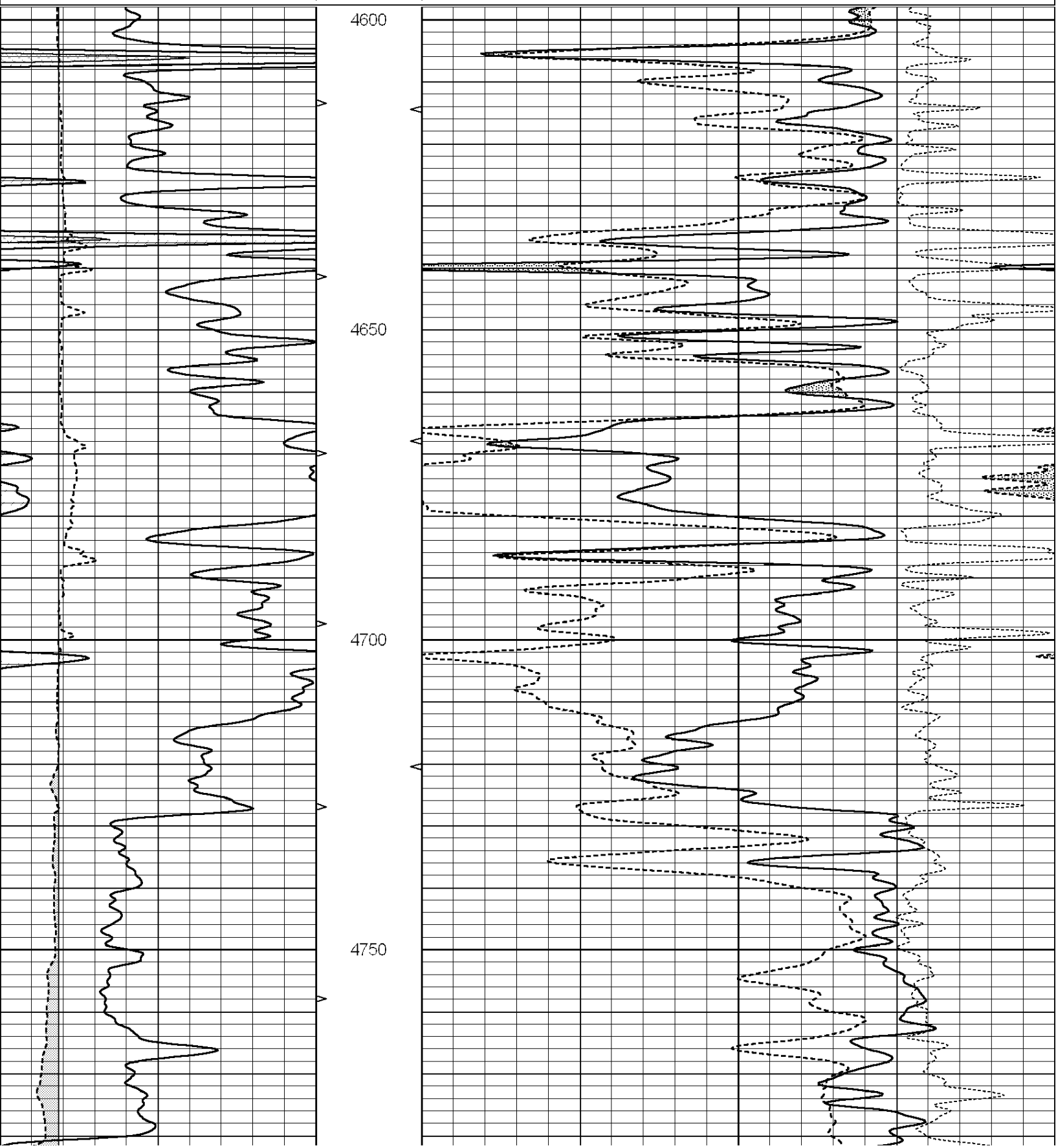


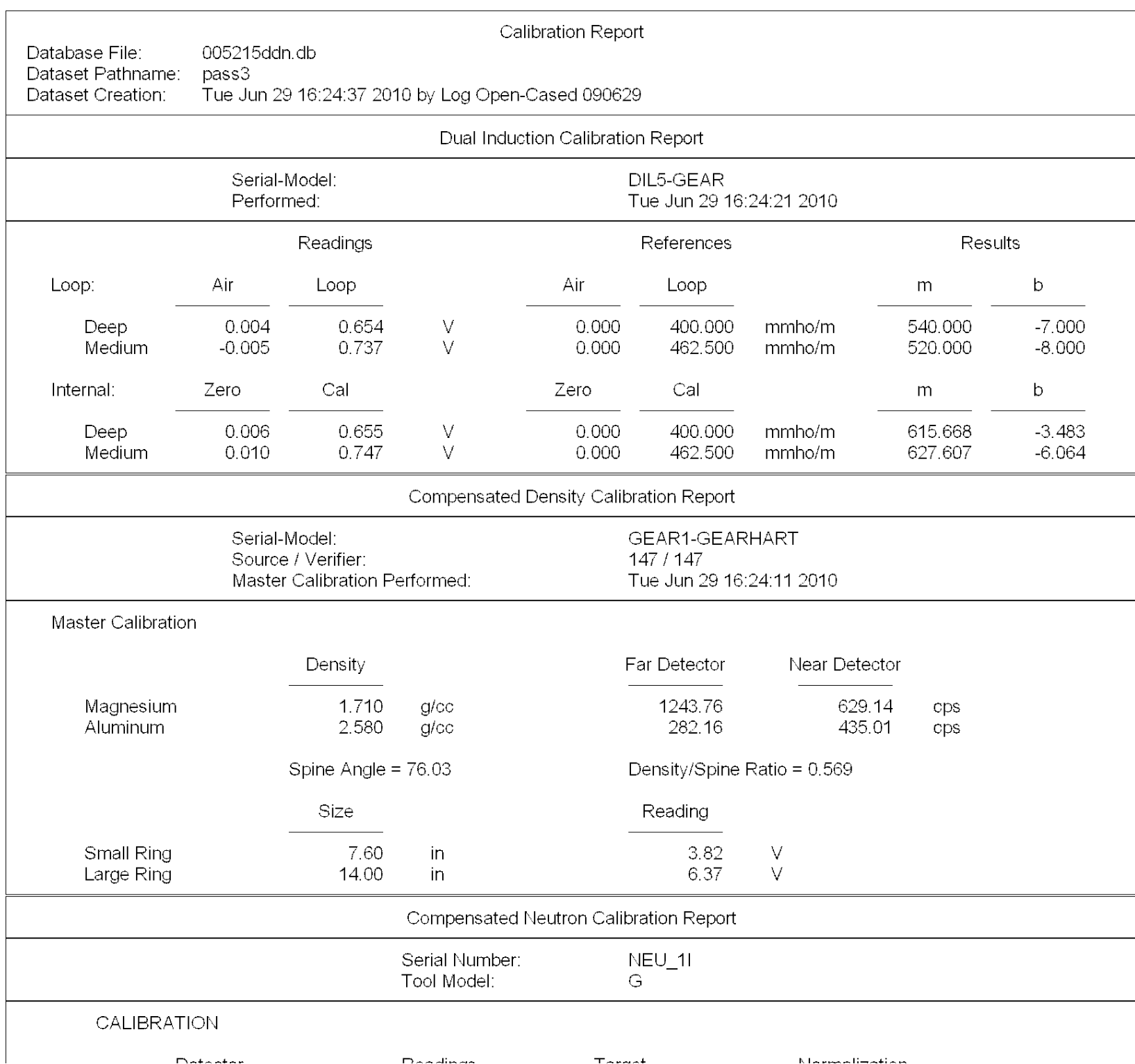
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REPEAT SECTION

Dataset Pathname: pass2.A
Presentation Format: den_neu
Dataset Creation: Tue Jun 29 17:53:02 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	30	COMPENSATED NEUTRON (pu)	-10
			TBHV		-0.25	CORRECTION (g/cc) 0.25
			0 (ft3) 10			





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:	Tue Jun 29 15:55:15 2010		
Calibrator Value:	1.0	GAPI	
Background Reading:	0.0	cps	
Calibrator Reading:	1.0	cps	
Sensitivity:	0.6200	GAPI/cps	