



SUPERIOR
Hays,
Kansas

MICRO LOG

Company	RAYMOND OIL COMPANY, INC.		
Well	ROSE "B" #2		
Field	LOGAN		
County	LOGAN	State	KANSAS
Location:	API # : 15-109-20870		Other Services CDL/CNL DIL
2041' FSL & 1615' FWL			
SEC 11 TWP 14S RGE 32W		Elevation	
Permanent Datum	GROUND LEVEL	Elevation	2758
Log Measured From	KELLY BUSHING 5' A.G.L.		K.B. 2763 D.F.
Drilling Measured From	KELLY BUSHING		G.L. 2758
Date	11-14-09		
Run Number	TWO		
Depth Driller	4520		
Depth Logger	4520		
Bottom Logged Interval	4517		
Top Log Interval	3300		
Casing Driller	261		
Casing Logger	NA		
Bit Size	7.875		
Type Fluid in Hole	CHEMICAL MUD		
Density / Viscosity	9.4 / 54		
pH / Fluid Loss	9.5 / 10.4		
Source of Sample	FLOWLINE		
Rim @ Meas. Temp	1.10 @ 65F		
Rinf @ Meas. Temp	0.83 @ 65F		
Rmc @ Meas. Temp	1.32 @ 65F		
Source of Rinf / Rmc	MEASURED		
Rim @ BHT	.600 @ 120F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom	4:30 P.M.		
Maximum Recorded Temperature	120F		
Equipment Number	860		
Location	HAYS, KS.		
Recorded By	RUPP		
Witnessed By	KIM SHOEMAKER		

<<< Fold Here >>>

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: OAKLEY, 18S TO MM #133, 1/2E.

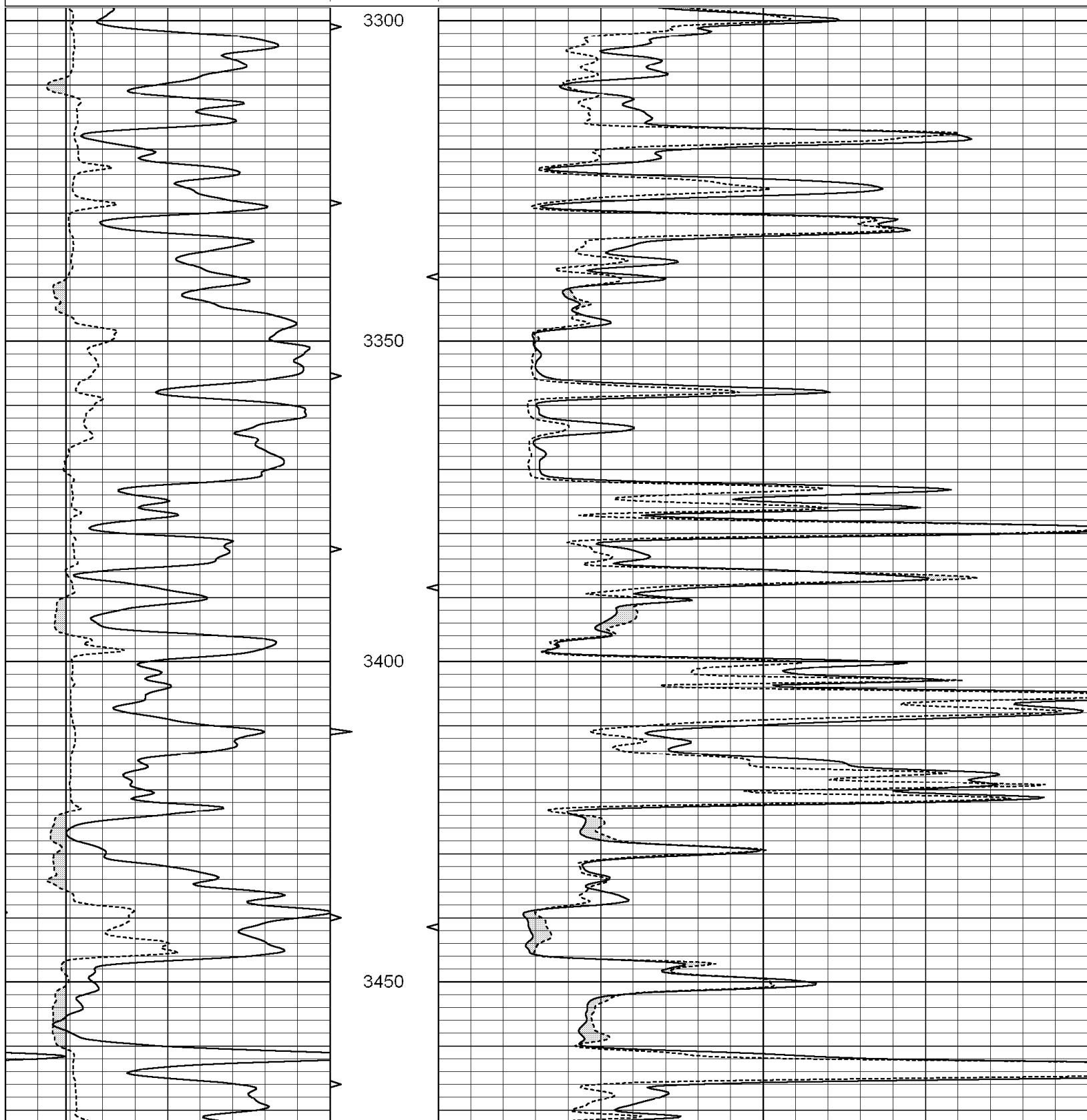


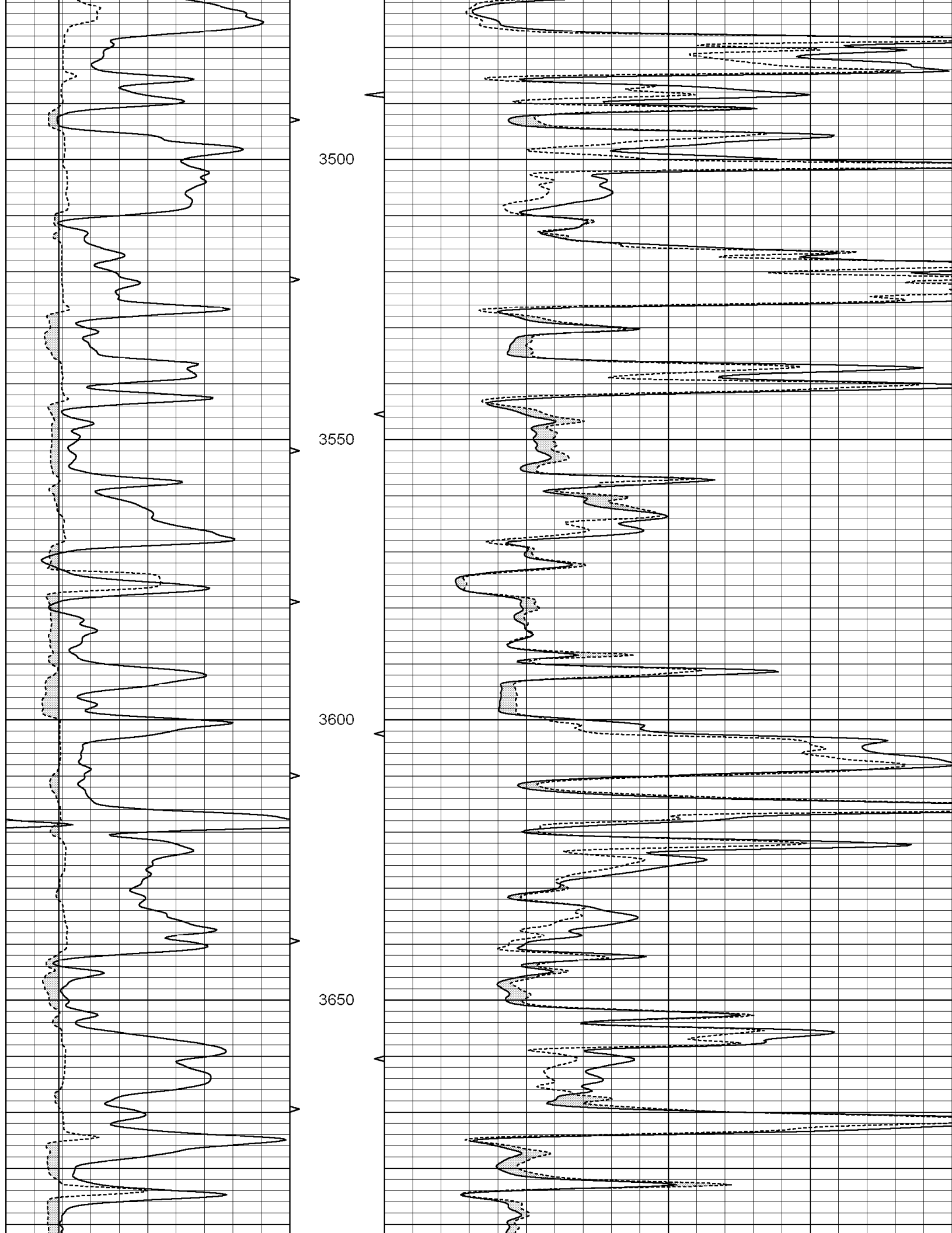
SUPERIOR
Hays,
Kansas

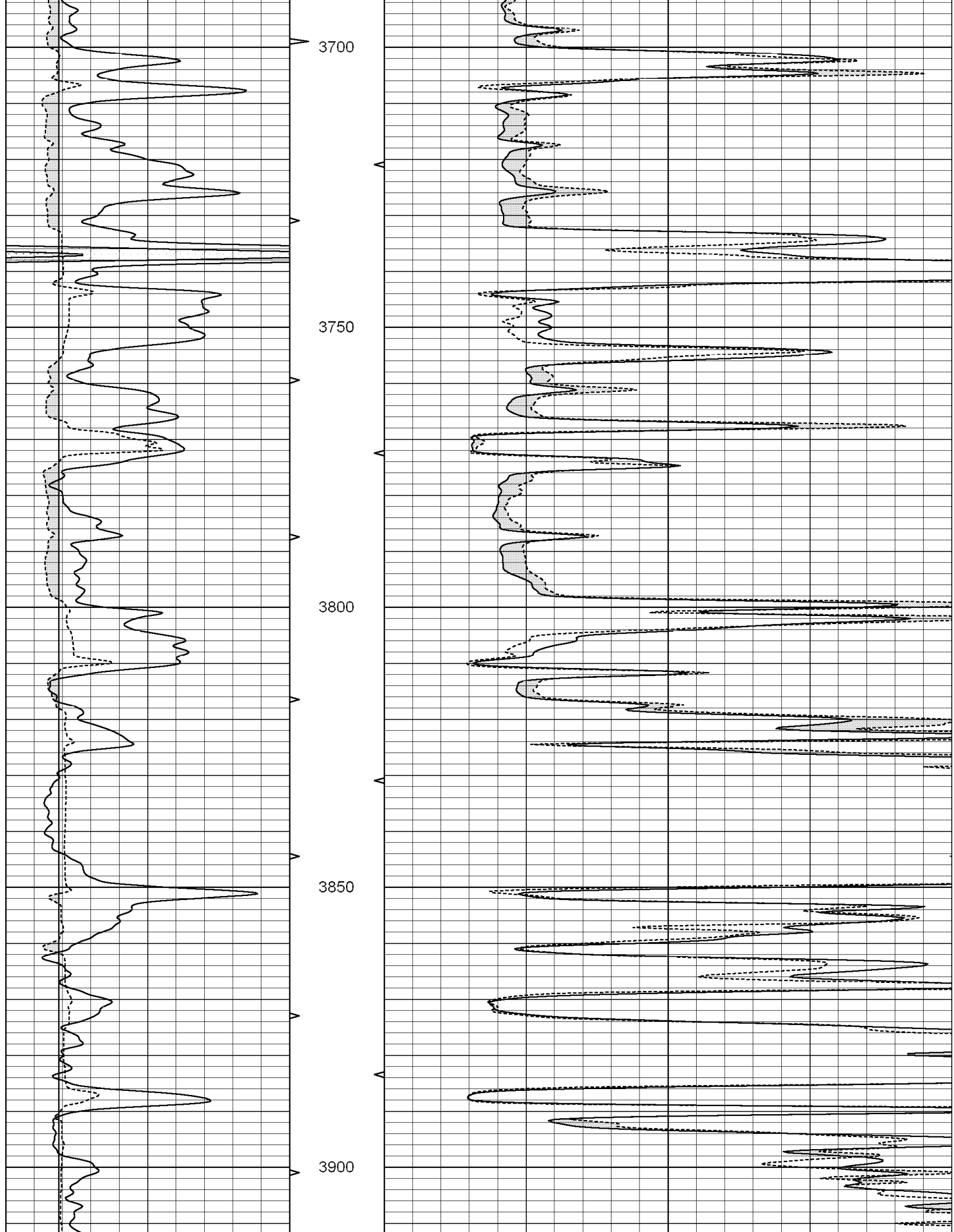
MAIN SECTION

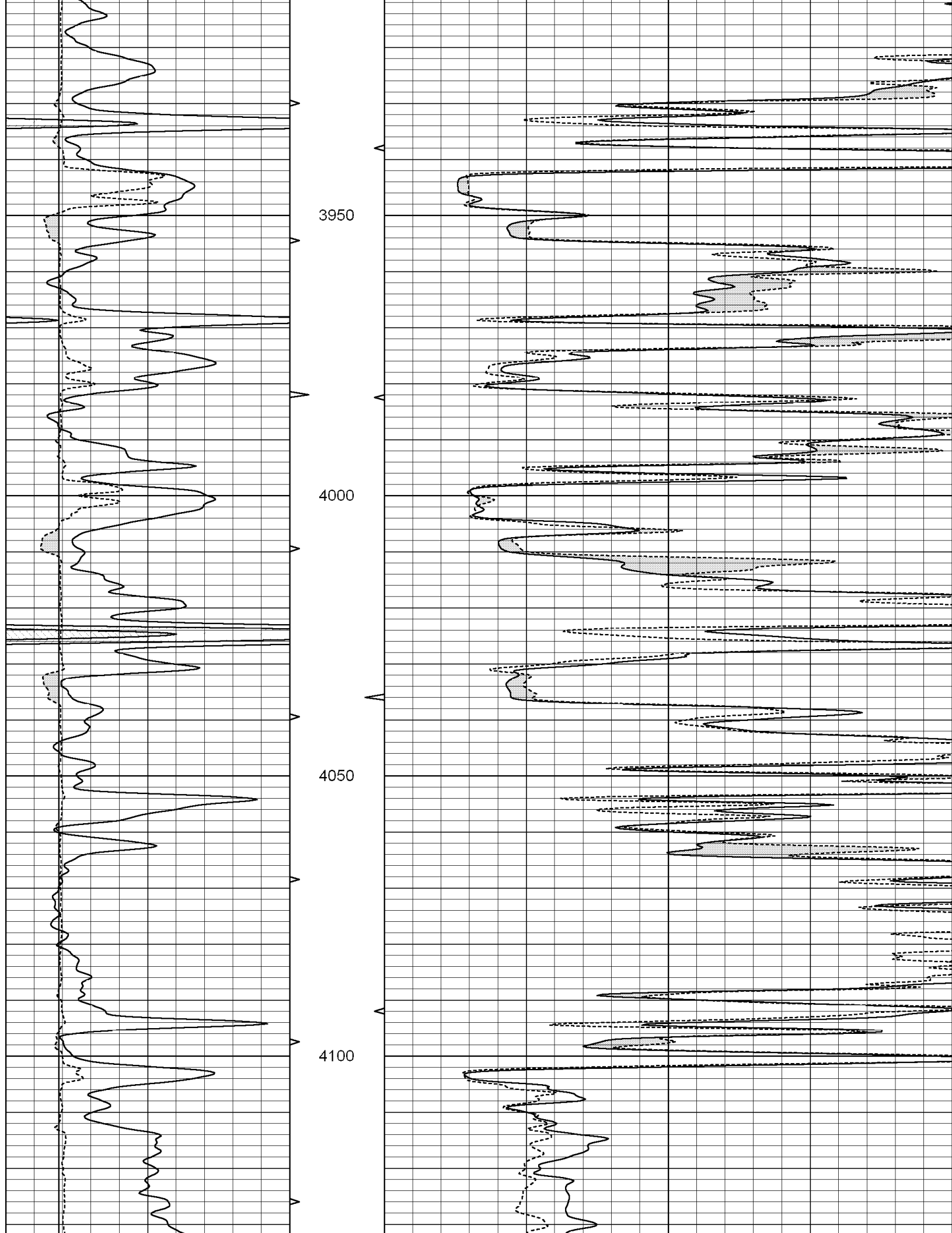
Database File: 004307ddn.db
Dataset Pathname: pass6.A
Presentation Format: micro
Dataset Creation: Sat Nov 14 20:07:07 2009 by Calc Open-Cased 051020
Charted by: Depth in Feet scaled 1:240

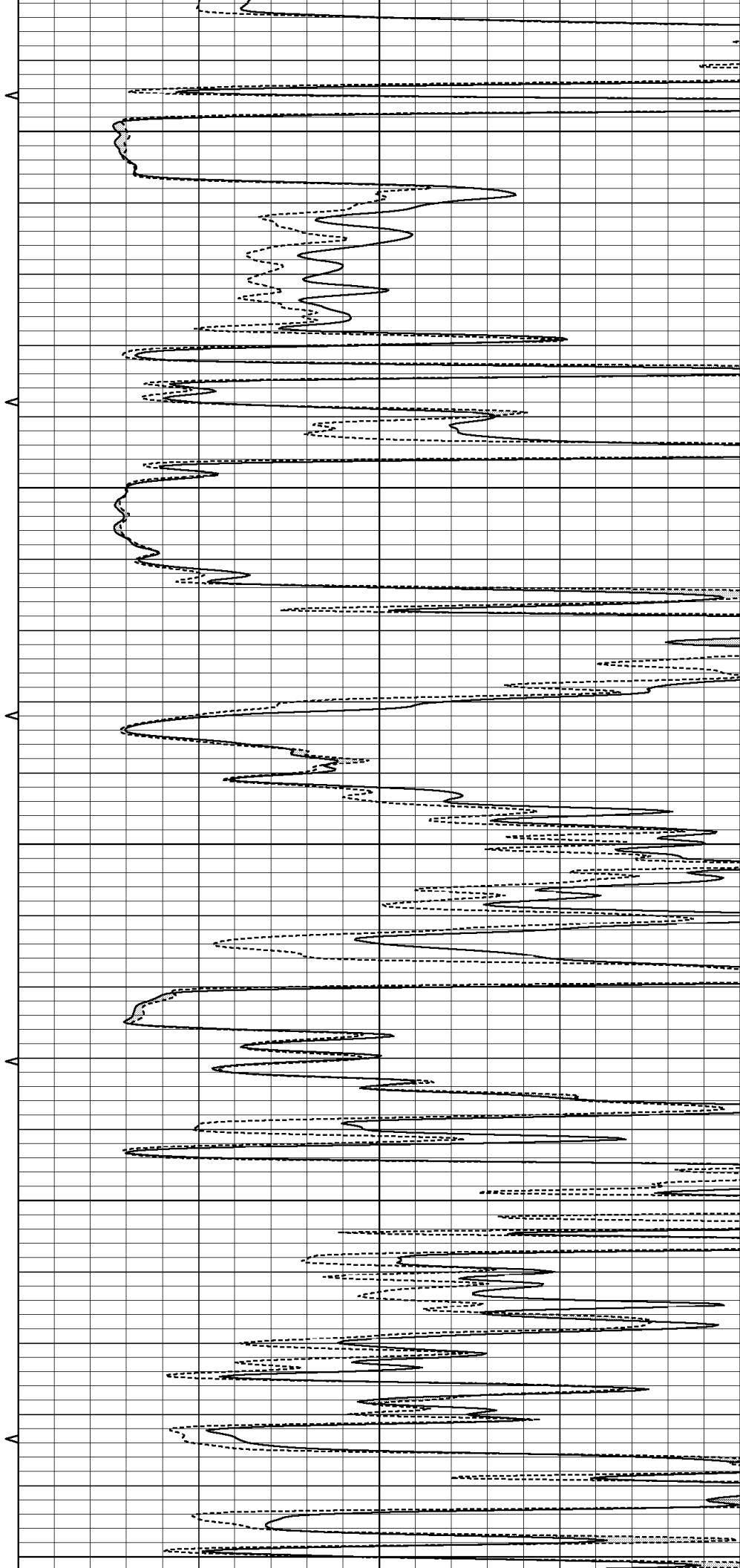
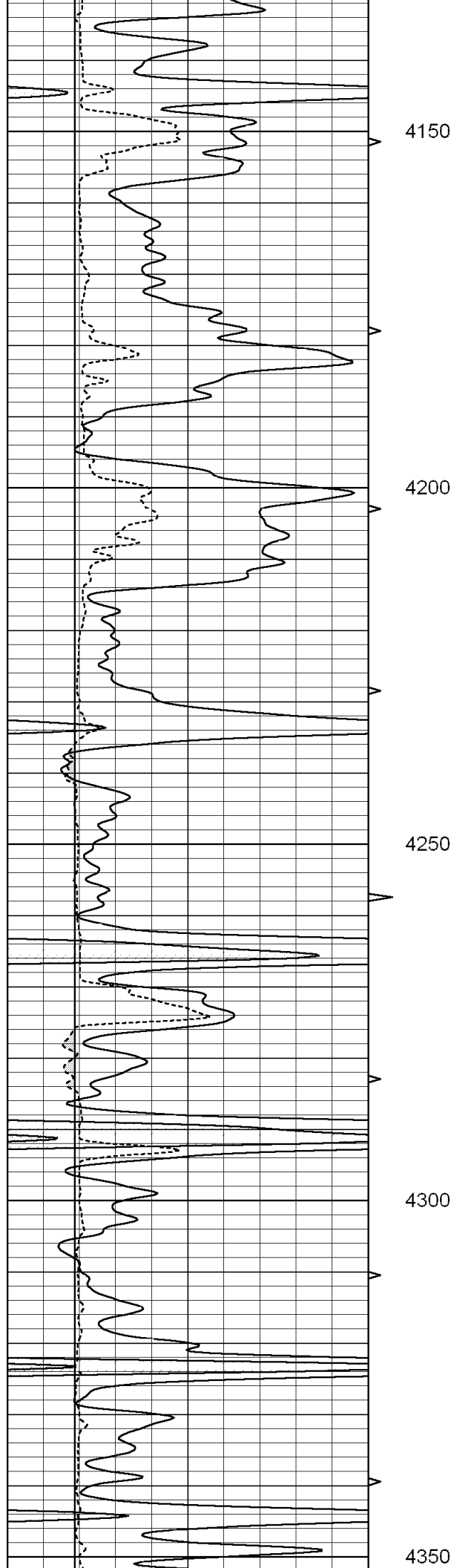
0	GAMMA RAY (GAPI)	150	ABHV	0	MEL1.5 (Ohm-m)	20
6	CALIPER (in)	16	10 (ft3) 0	0	MEL2.0 (Ohm-m)	20
			TBHV			
			0 (ft3) 10			

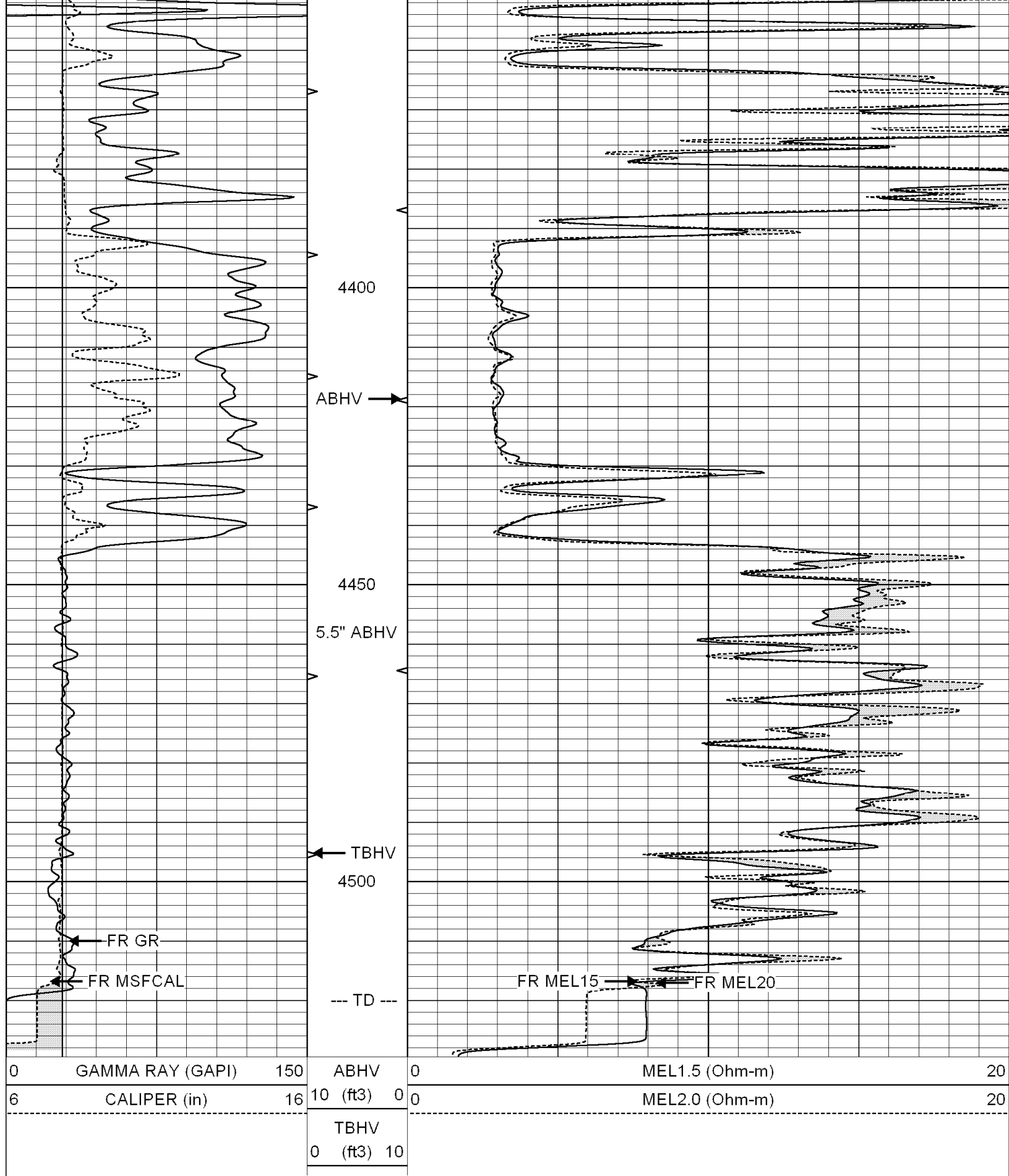












SUPERIOR
Hays,
Kansas

REPEAT SECTION

Database File: 004307ddn.db

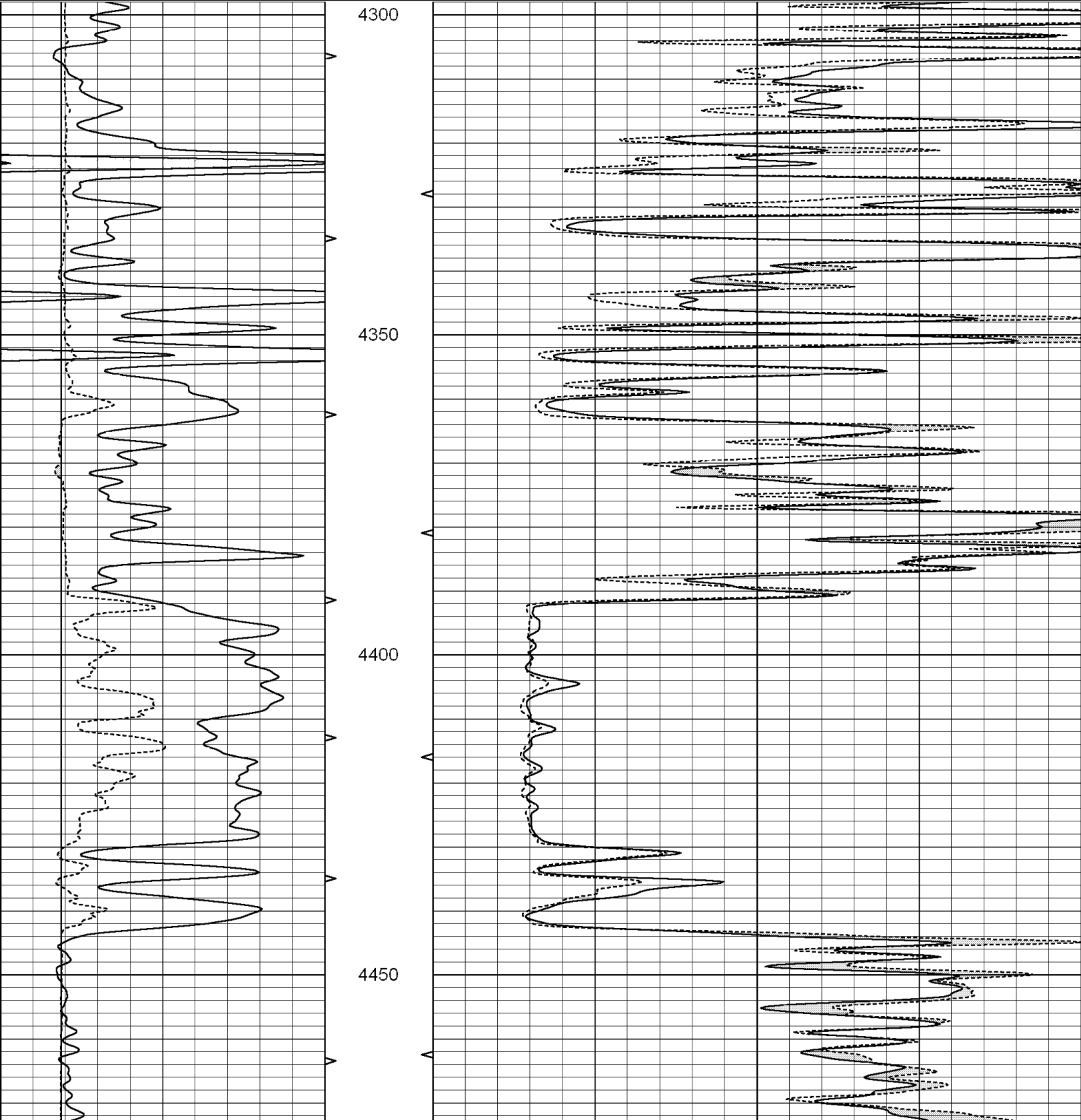
Dataset Pathname: pass5.1

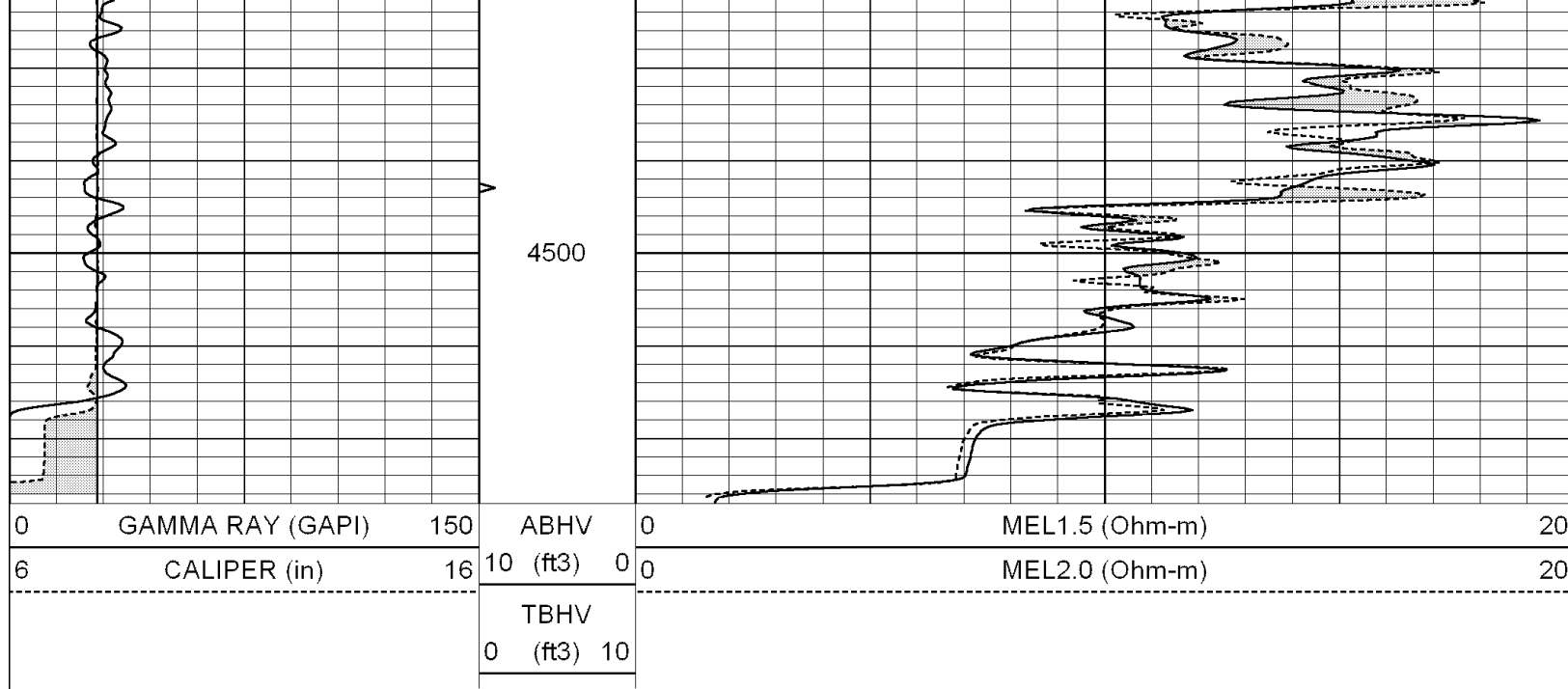
Presentation Format: micro

Dataset Creation: Sat Nov 14 20:12:12 2009 by Calc Open-Cased 051020

Charted by: Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	ABHV	0	MEL1.5 (Ohm-m)	20
6	CALIPER (in)	16	10 (ft3) 0	0	MEL2.0 (Ohm-m)	20
			TBHV			
			0 (ft3) 10			





Calibration Report

Database File: 004307ddn.db
Dataset Pathname: pass6.A
Dataset Creation: Sat Nov 14 20:07:07 2009 by Calc Open-Cased 051020

MICRO Calibration Report

Serial Number:	Micro1	
Tool Model:	ProbeL	
Performed:	Sat Nov 14 19:07:44 2009	
Caliper Calibration:	Gain=3.512	Offset=-1.889
References	Low Cal	High Cal
Readings	7.600	14.000
	2.702	4.525
1.5" Calibration:	Gain=36.000	Offset=1.700
References	Low Cal	High Cal
Readings	0.000	20.000
	0.004	0.843
2" Calibration:	Gain=25.000	Offset=1.500
References	Low Cal	High Cal
Readings	0.000	20.000
	0.021	0.810

Gamma Ray Calibration Report

Serial Number:	GR5	
Tool Model:	OPEN	
Performed:	Sat Nov 14 16:52:22 2009	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	0.5500	GAPI/cps