



SUPERIOR
Hays,
Kansas

MICRO LOG

Company	MAI OIL OPERATIONS, INC.		
Well	SCHMIDT - FLEGGER UNIT #2		
Field	KENNEBEC		
County	RUSSELL	State	KANSAS
Location:	API # : 15-167-23785-0000		Other Services CDL/CNL DIL
Permanent Datum	GROUND LEVEL	Elevation	1763
Log Measured From	KELLY BUSHING 8' A.G.L.		
Drilling Measured From	KELLY BUSHING		
	SEC 4	TWP 15S	RGE 14W
Date	4/3/12		
Run Number	TWO		
Depth Driller	3298		
Depth Logger	3298		
Bottom Logged Interval	3296		
Top Log Interval	2200		
Casing Driller	8 5/8" @ 336'		
Casing Logger	334		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 7,700 PPM	
Density / Viscosity	9.3/48		
pH / Fluid Loss	10.5/10.0		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	.600 @ 70F		
Rmt @ Meas. Temp	.450 @ 70F		
Rmc @ Meas. Temp	.720 @ 70F		
Source of Rm / Rmc	MEASUREMENT		
Rm @ BHT	.382 @ 110F		
Time Circulation Stopped	3.5 HOURS		
Time Logger on Bottom	10:00 A.M.		
Maximum Recorded Temperature	110F		
Equipment Number	4010		
Location	HAYS, KANSAS		
Recorded By	JEFF LUEBBERS		
Witnessed By	JIM MUSGROVE	ALLEN BANGERT	

<<< 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

THANK YOU FOR USING SUPERIOR WELL SERVICE HAYS, KANSAS (785) 628-6395
DIRECTIONS
RUSSELL, KS. & I-70, 6S. ON HWY 281 TO "WALTERS RD." (JUST PAST RIVER BRIDGE) 1W., 1/2S., W. IN

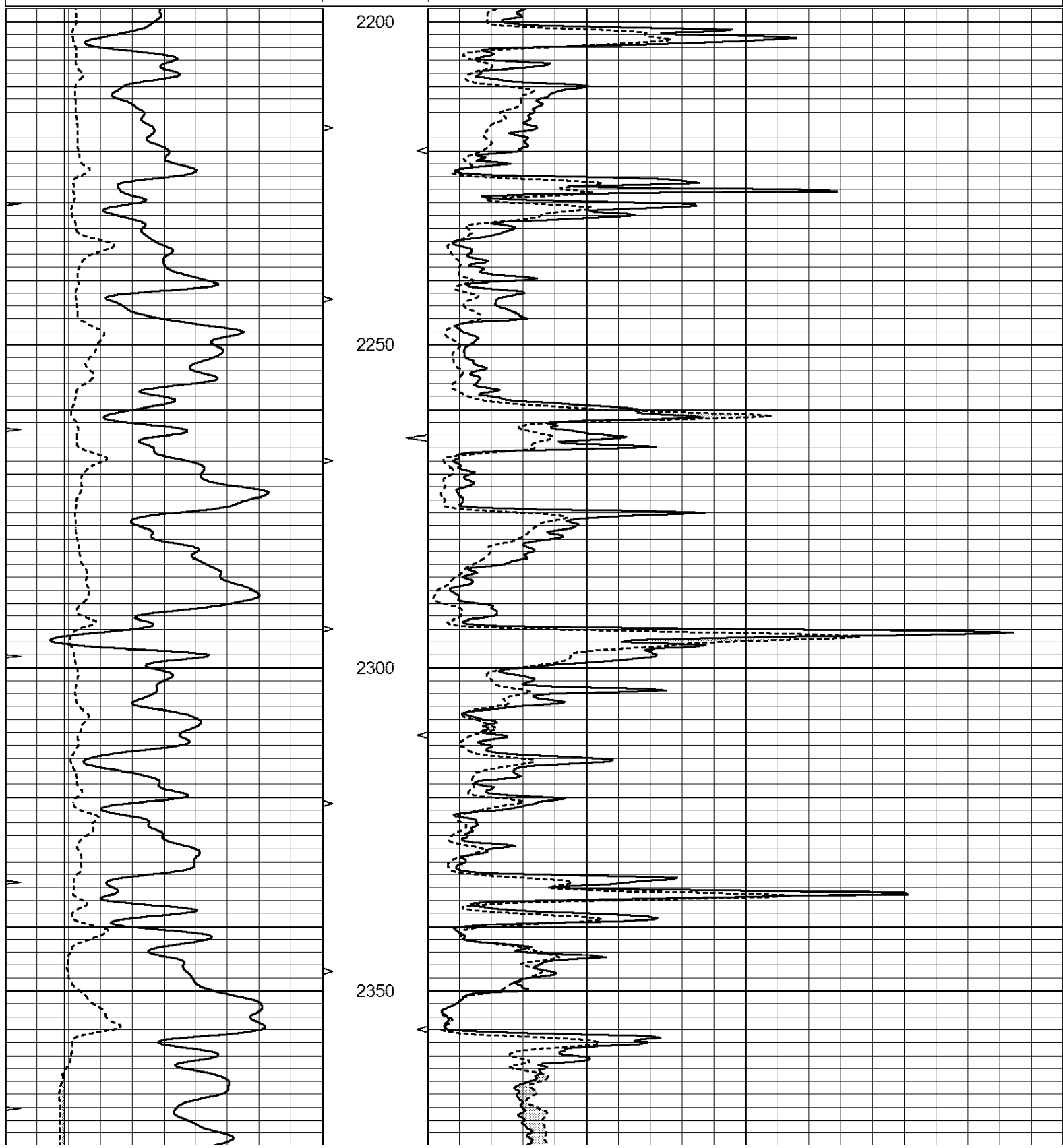


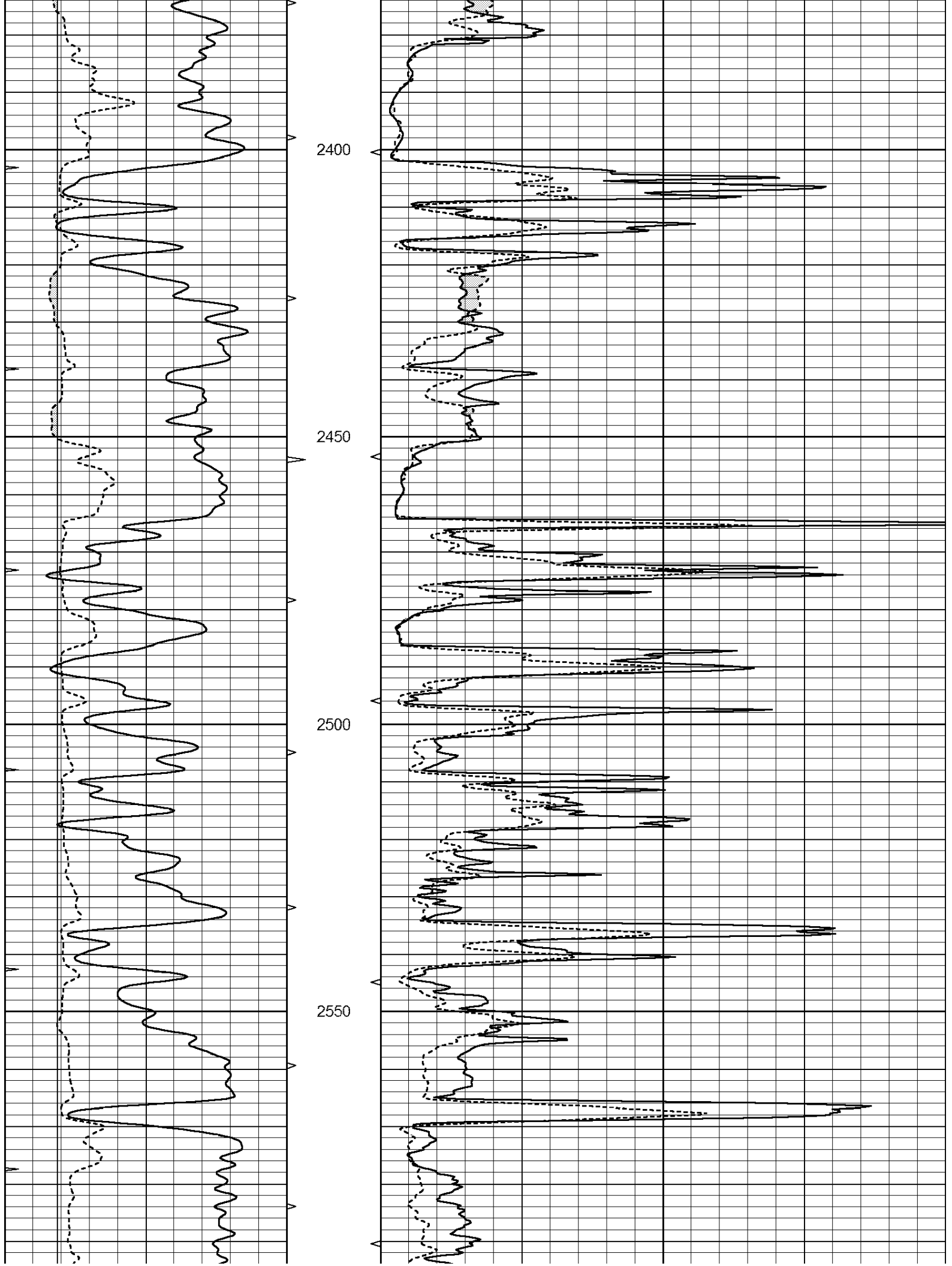
SUPERIOR
Hays,
Kansas

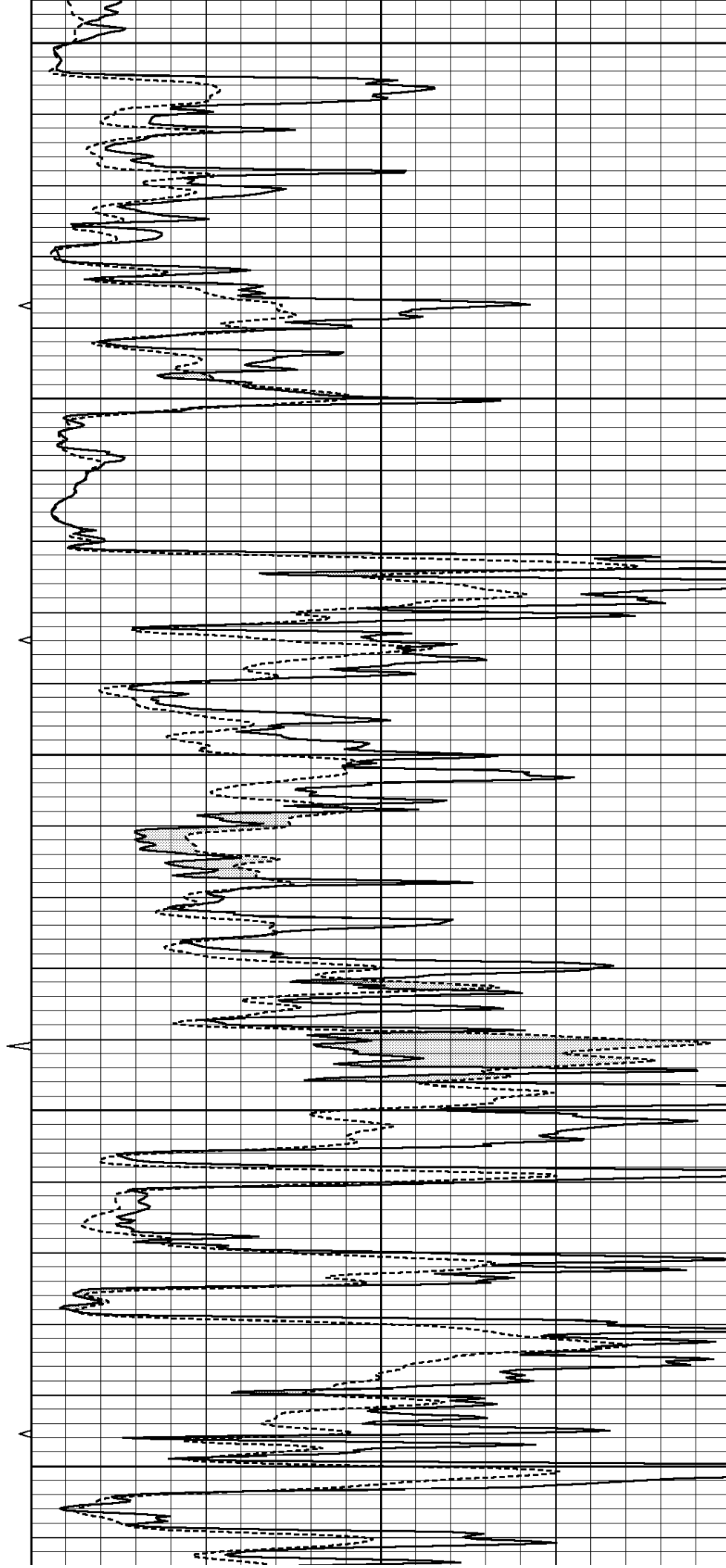
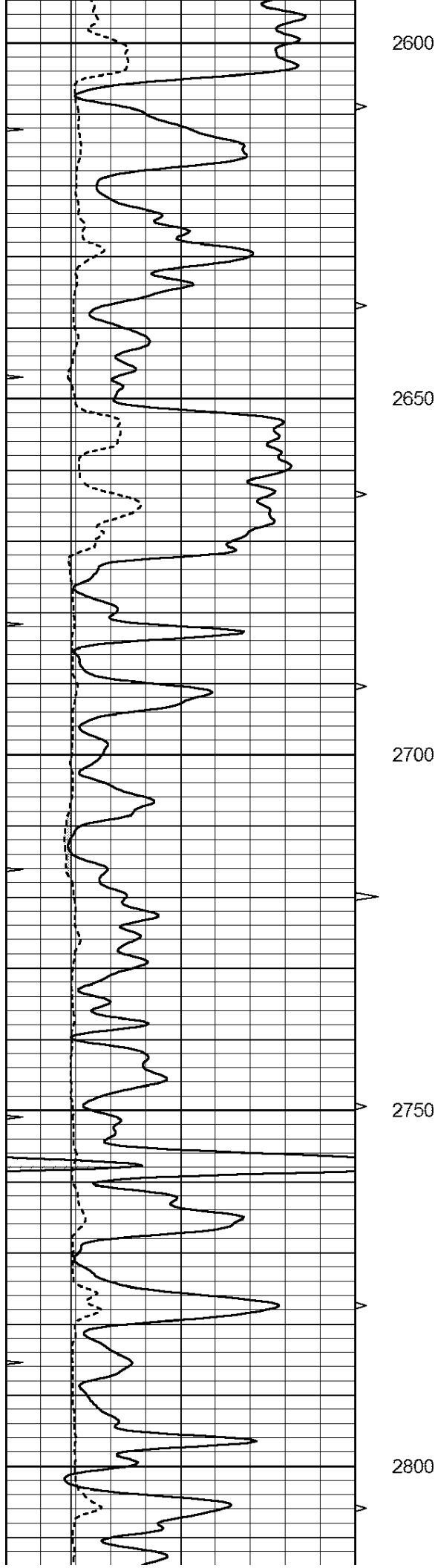
MAIN SECTION

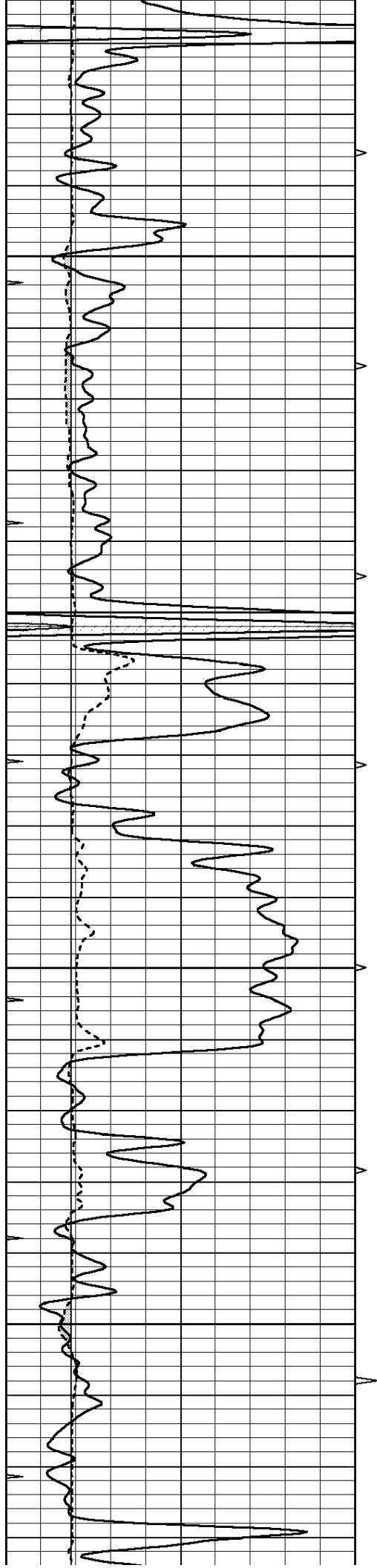
Database File: 408618ddn.db
Dataset Pathname: pass6.4
Presentation Format: micro
Dataset Creation: Tue Apr 03 12:59:41 2012
Charted by: Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	ABHV	0	MEL1.5 (Ohm-m)	40
6	CALIPER (in)	16	10 (ft3)	0	MEL2.0 (Ohm-m)	40
0	MINMK	20	TBHV			
			0 (ft3)	10		







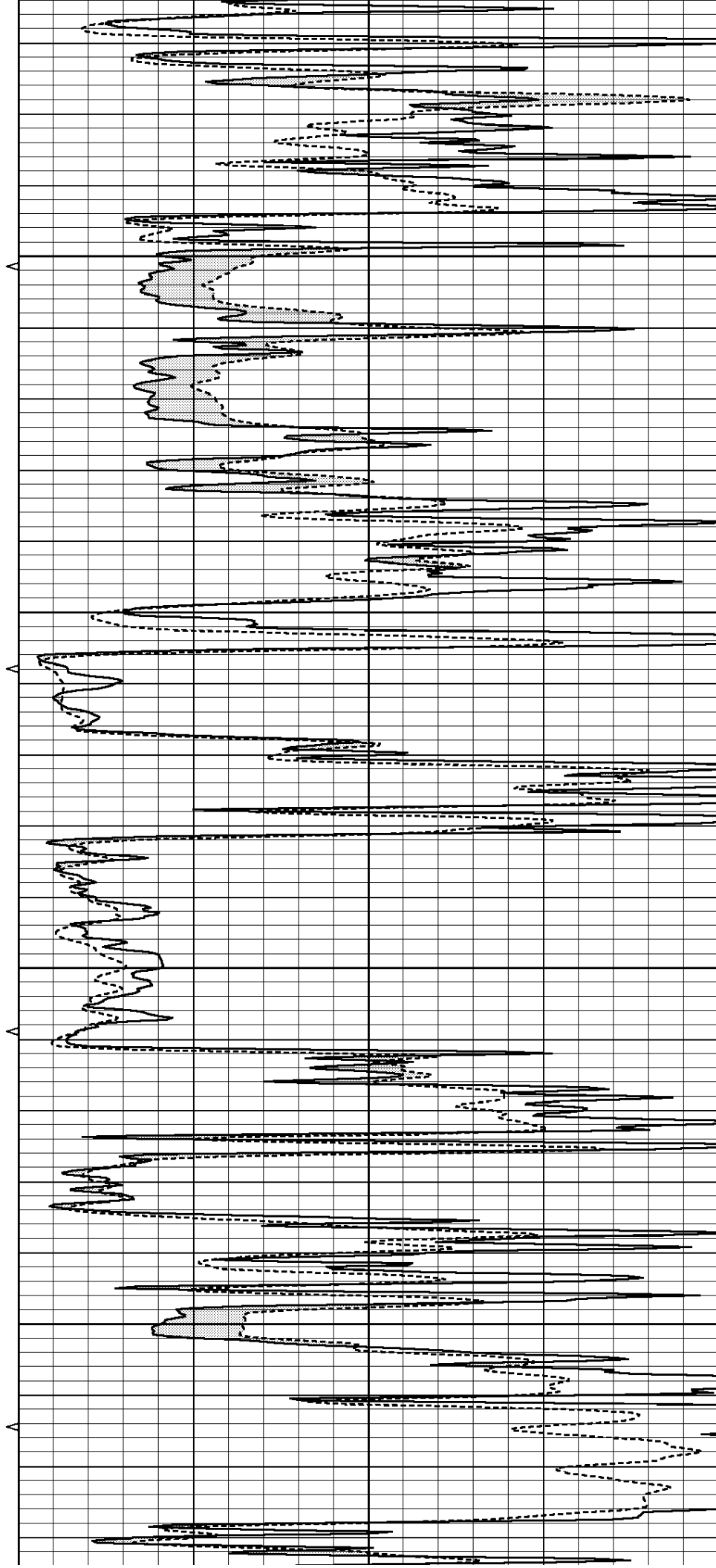


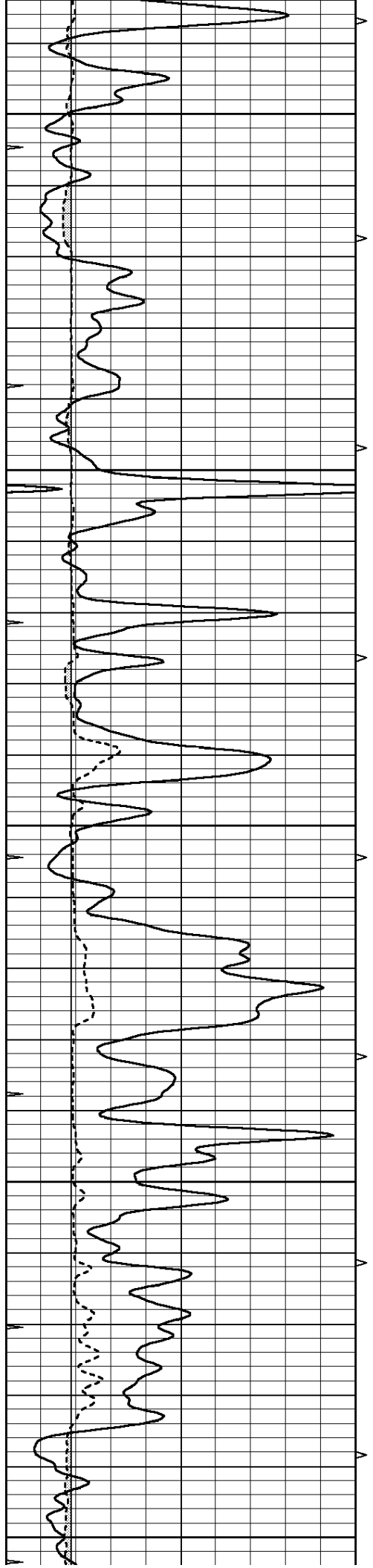
2850

2900

2950

3000





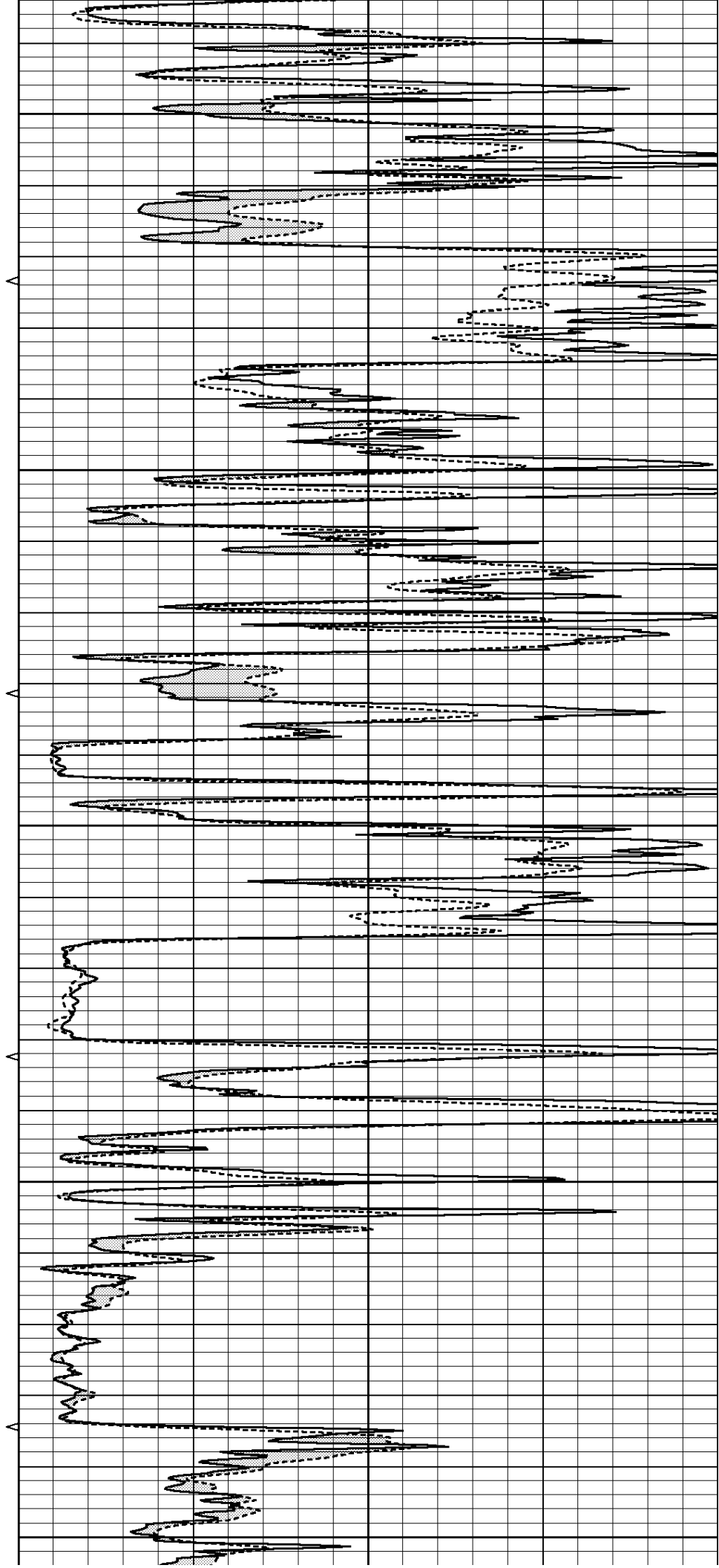
3050

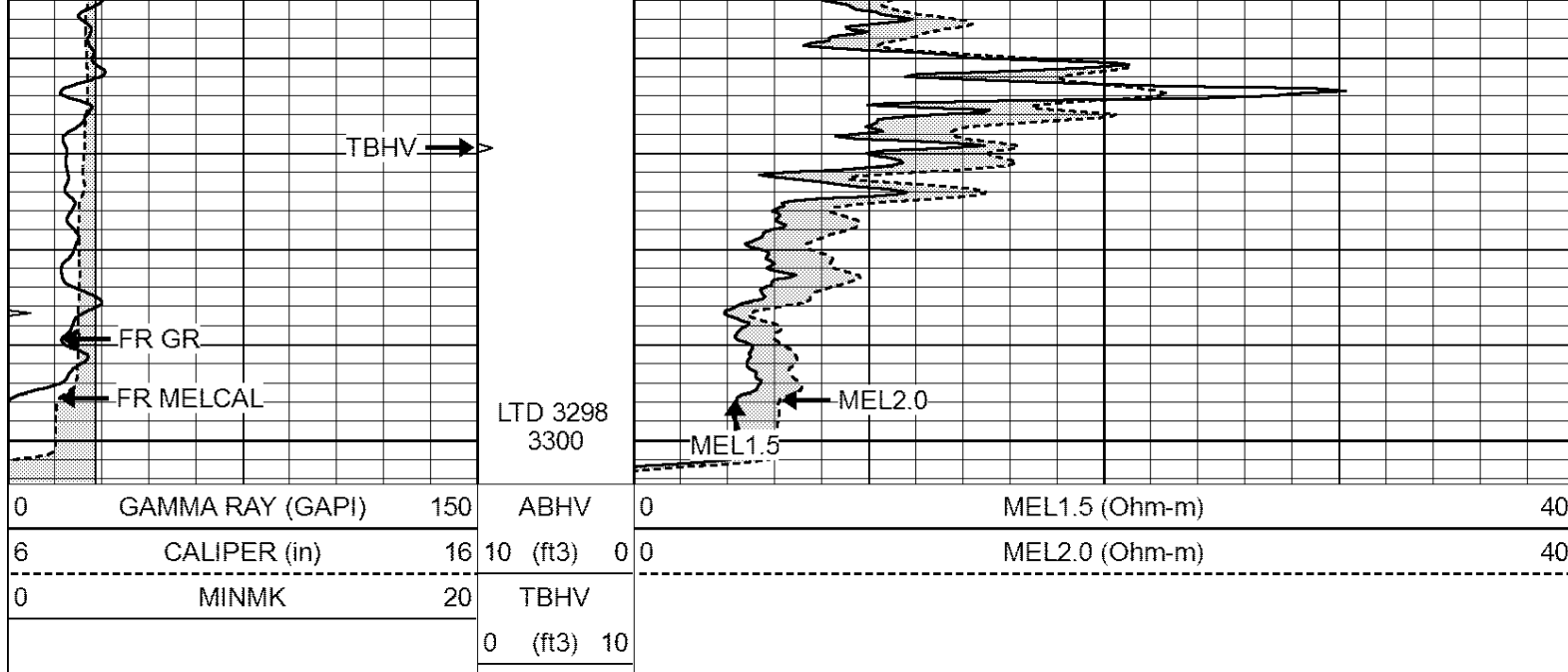
3100

3150

3200

3250



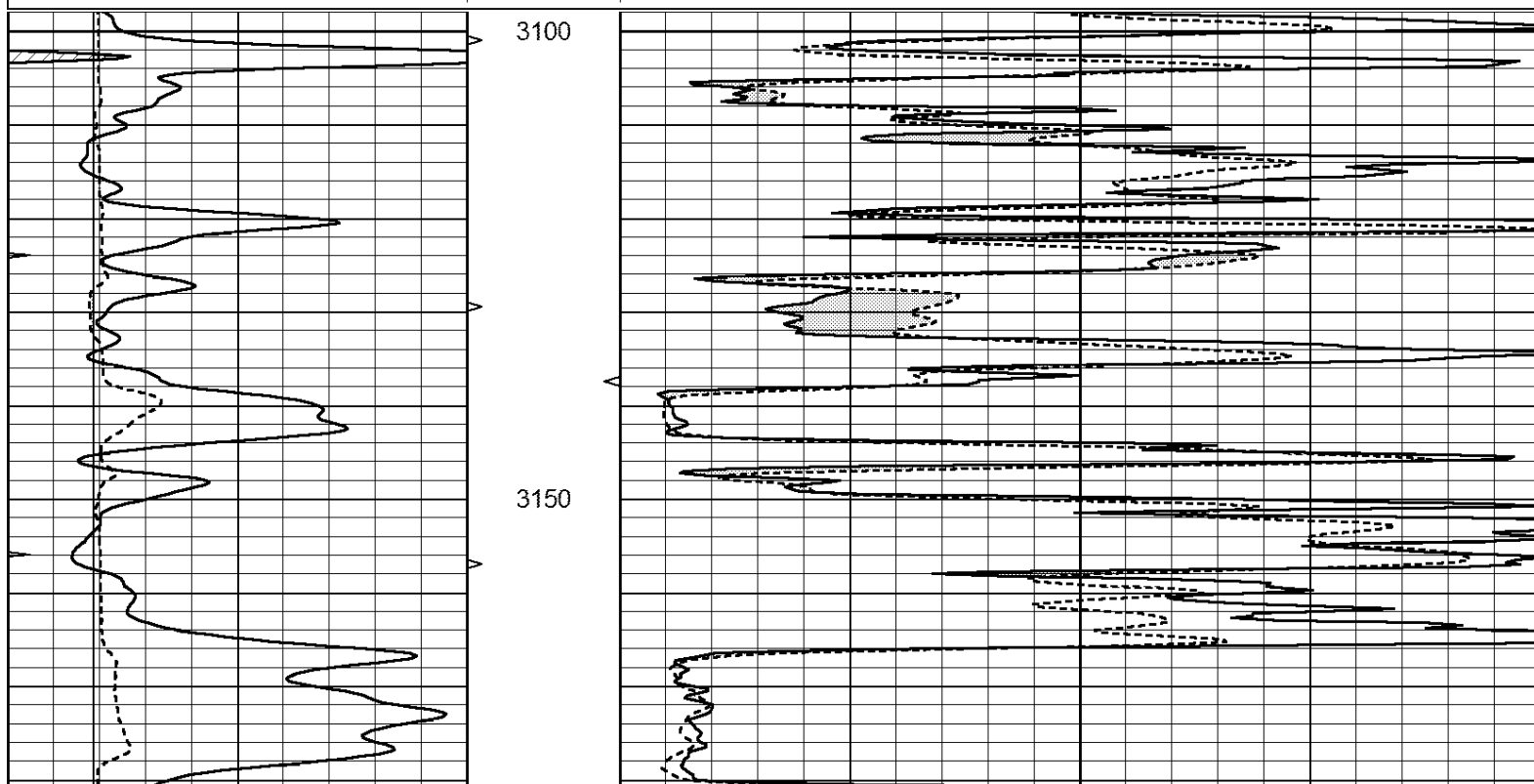


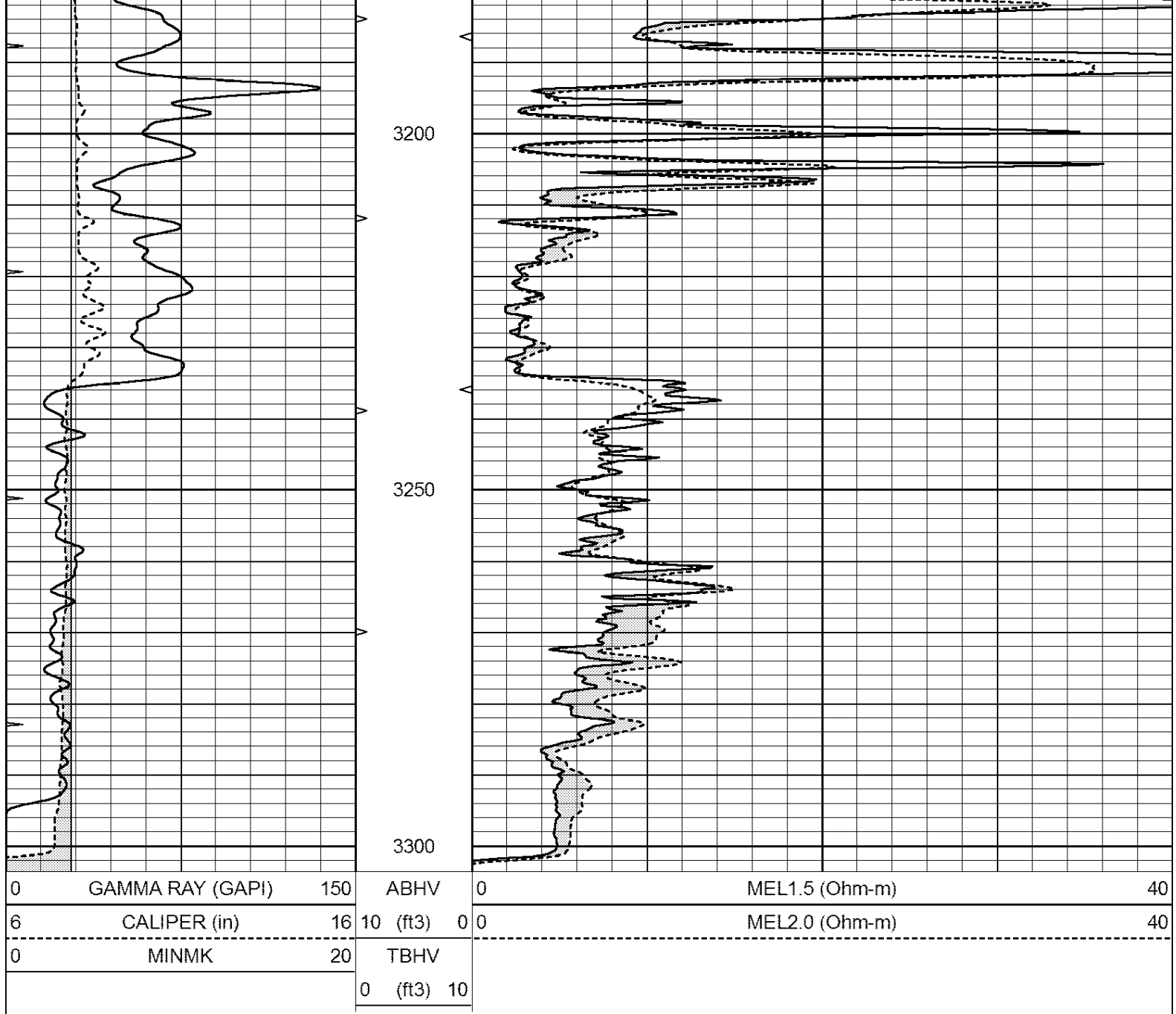
SUPERIOR
Hays,
Kansas

REPEAT SECTION

Database File: 408618ddn.db
 Dataset Pathname: pass5.3
 Presentation Format: micro
 Dataset Creation: Tue Apr 03 13:02:33 2012 by Calc Open-Cased 110302
 Charted by: Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	ABHV	0	MEL1.5 (Ohm-m)	40
6	CALIPER (in)	16	10 (ft3)	0	MEL2.0 (Ohm-m)	40
0	MINMK	20	TBHV			
			0 (ft3)	10		





Calibration Report

Database File: 408618ddn.db
 Dataset Pathname: pass6.4
 Dataset Creation: Tue Apr 03 12:59:41 2012

MICRO Calibration Report

Serial Number: 2
 Tool Model: PROBE
 Performed: Wed Mar 14 20:31:07 2012

Caliper Calibration: Gain=4.223 Offset=3.027

References	Low Cal	High Cal
Readings	7.800	15.000
	1.130	2.835

1.5" Calibration: Gain=30.000 Offset=-0.500

References	Low Cal	High Cal
Readings	0.000	20.000
	0.065	1.210

2" Calibration:	Gain=60.000	Offset=-1.000
References	Low Cal 0.000	High Cal 20.000
Readings	0.012	1.043
Gamma Ray Calibration Report		
Serial Number:	GR4	
Tool Model:	OPEN	
Performed:	Tue Apr 03 12:16:01 2012	
Calibrator Value:	200.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	189.0	cps
Sensitivity:	1.2000	GAPI/cps