



SUPERIOR
Hays,
Kansas

MICRO
LOG

Company		MULL DRILLING COMPANY, INC.	
Well		#1-17 WIERMAN 'B'	
Field		WILDCAT	
County		NESS	
State		KANSAS	
Location:		API # : 15-135-25210-0000	
Permanent Datum		GROUND LEVEL	
Log Measured From		KELLY BUSHING 5' A.G.L.	
Drilling Measured From		KELLY BUSHING	
SEC 17 TWP 16S RGE 22W		Elevation	
1021' FSL & 401' FWL		CDL/CNL/PE	
		DIL/SONIC	
		Elevation	
		K.B. 2449	
		D.F. 2447	
		G.L. 2444	
Date	2/22/11		
Run Number	TWO		
Depth Driller	4530		
Depth Logger	4530		
Bottom Logged Interval	4507		
Top Log Interval	3700		
Casing Driller	8 5/8" @ 227'		
Casing Logger	224		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 4,500 PPM	
Density / Viscosity	9.0/69		
pH / Fluid Loss	10.0/8.4		
Source of Sample	FLOWLINE		
Rim @ Meas. Temp	.950 @ 65F		
Rmf @ Meas. Temp	.713 @ 65F		
Rmc @ Meas. Temp	1.14 @ 65F		
Source of Rmf / Rmc	MEASUREMENT		
Rim @ BHT	.510 @ 121F		
Time Circulation Stopped	4 HOURS		
Time Logger on Bottom	1:00 P.M.		
Maximum Recorded Temperature	121F		
Equipment Number	0836		
Location	HAYS, KANSAS		
Recorded By	JEFF LUEBBERS		
Witnessed By	KEVIN KESSLER		

<<< 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
BROWNELL, KS. 2W. ON HWY 4 TO "RD. Y", 1N., E. INTO

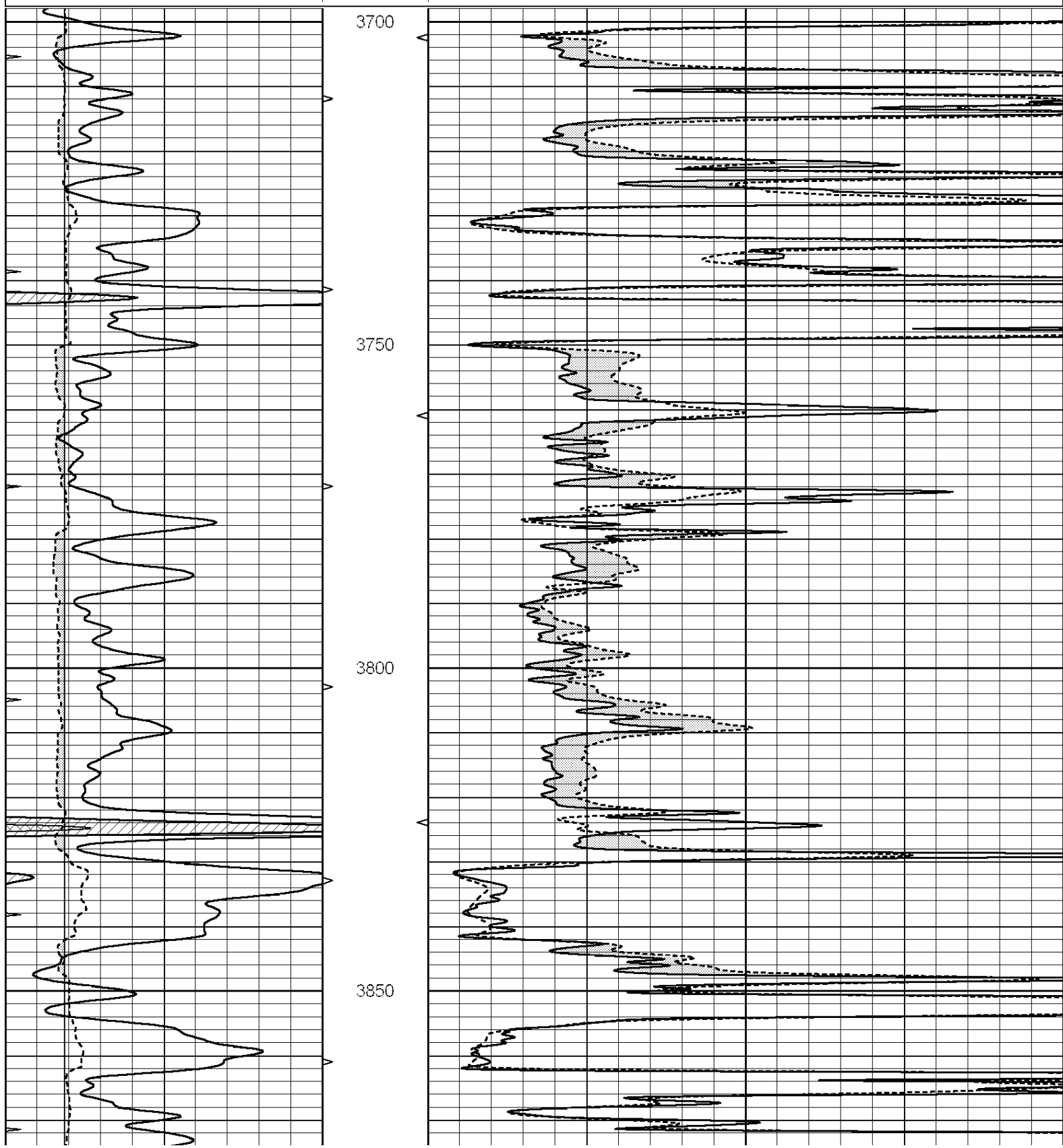


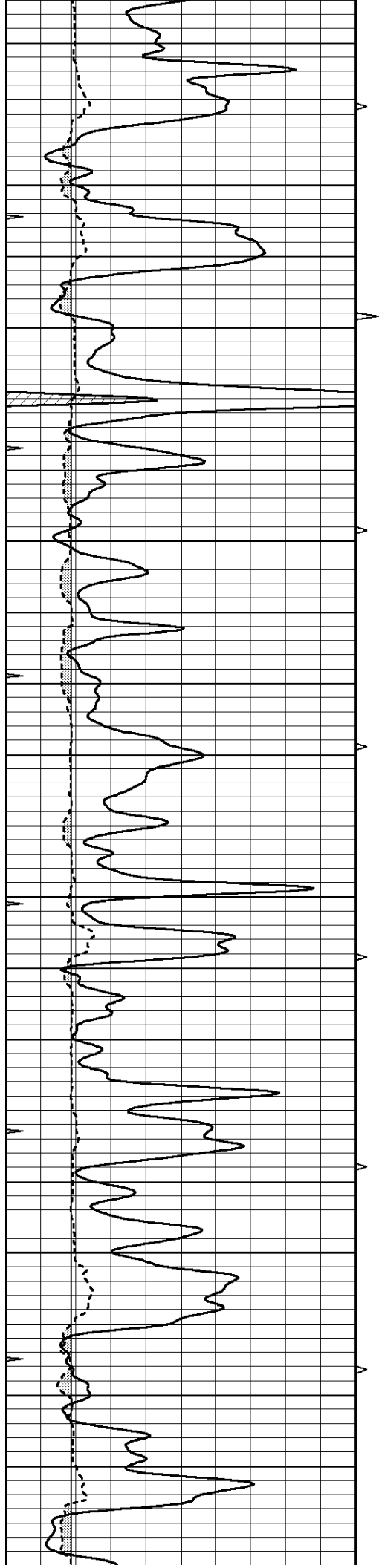
SUPERIOR
Hays,
Kansas

MAIN SECTION

Database File: 006294pe.db
Dataset Pathname: pass8.4
Presentation Format: micro
Dataset Creation: Tue Feb 22 16:17:20 2011 by Calc Open-Cased 090629
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 0	MEL2.0 (Ohm-m)	40
0	MINMK	20	TBHV			
			0 (ft3)	10		



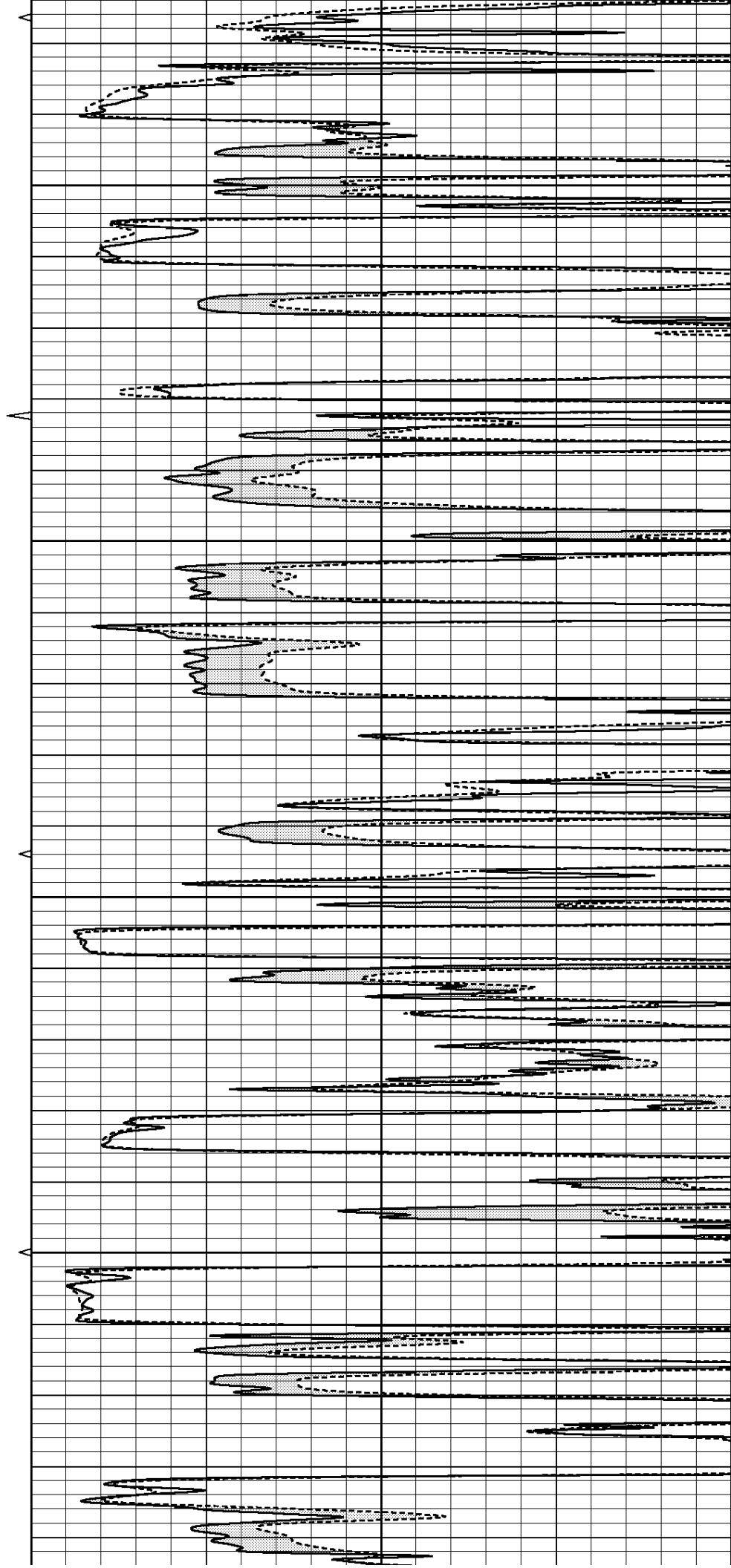


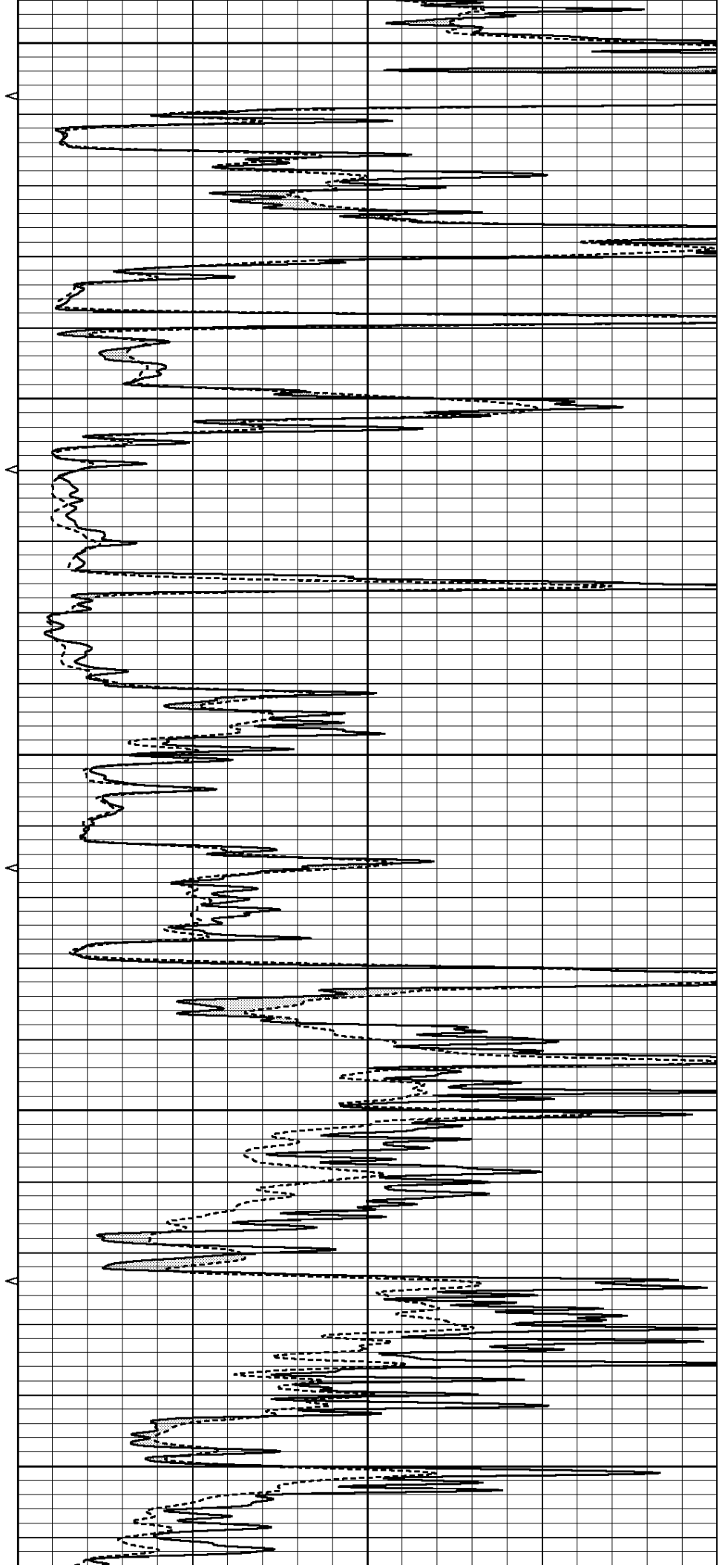
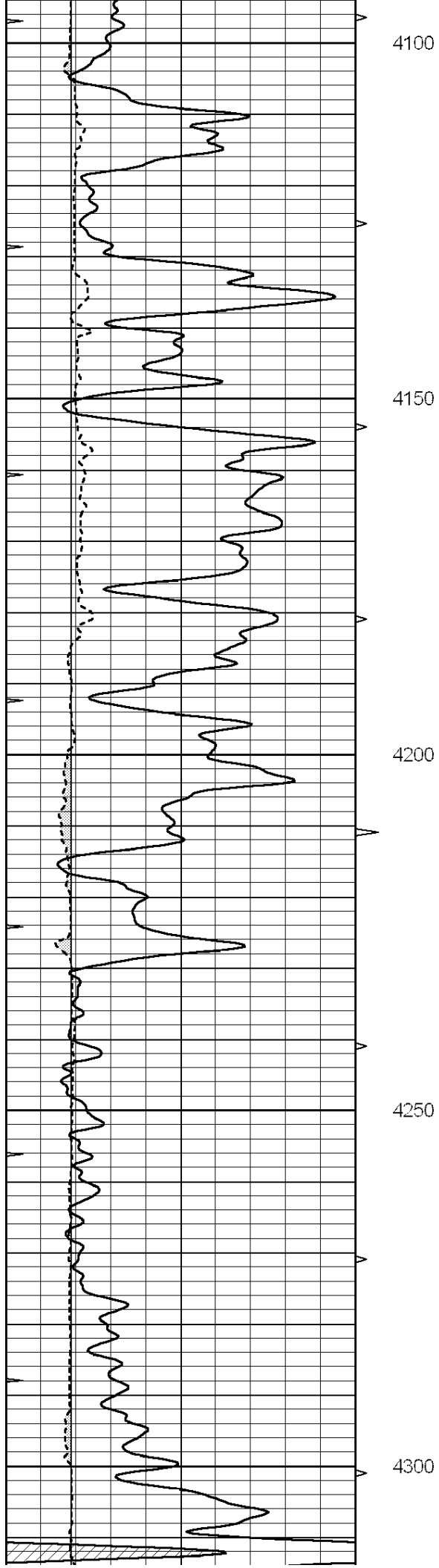
3900

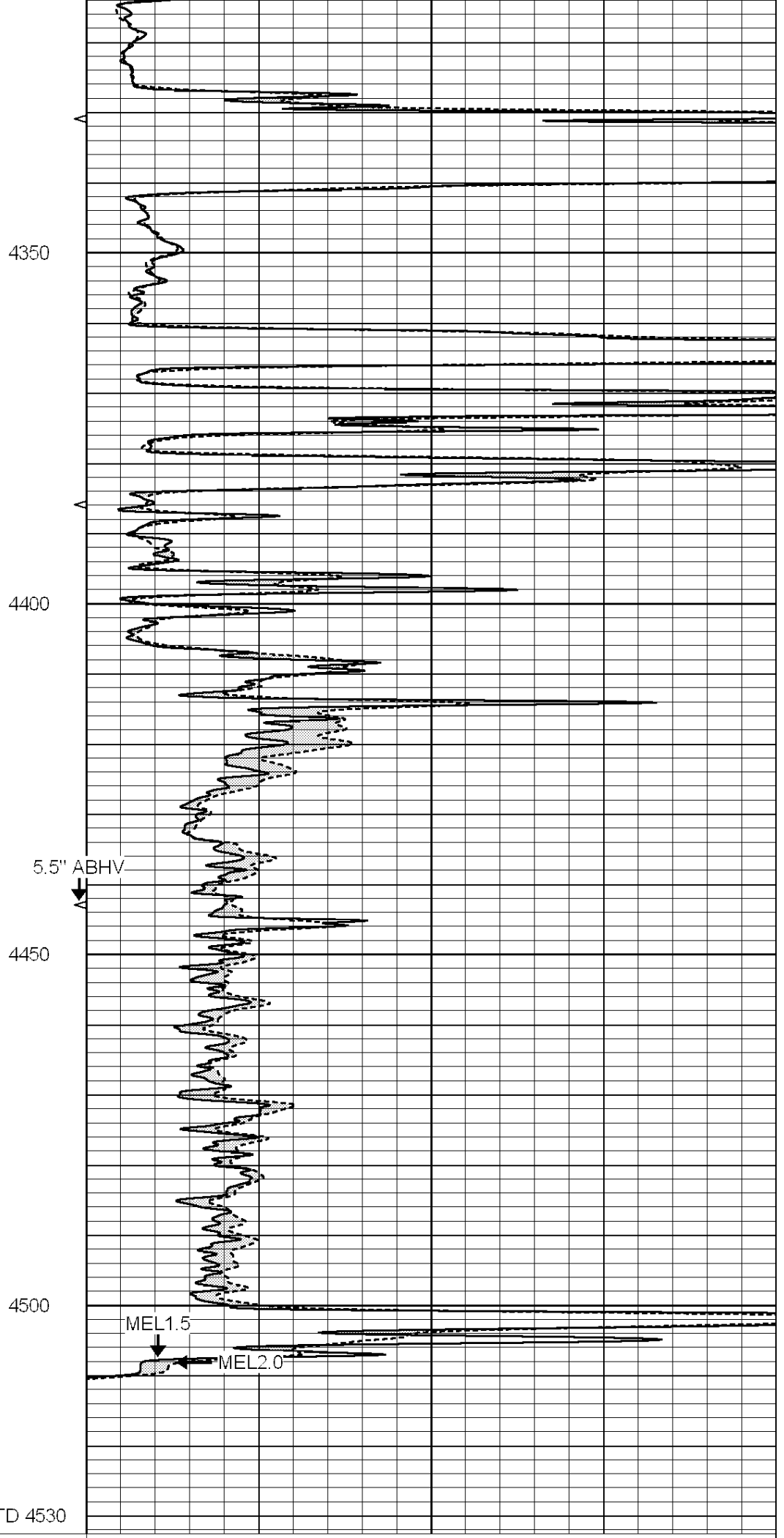
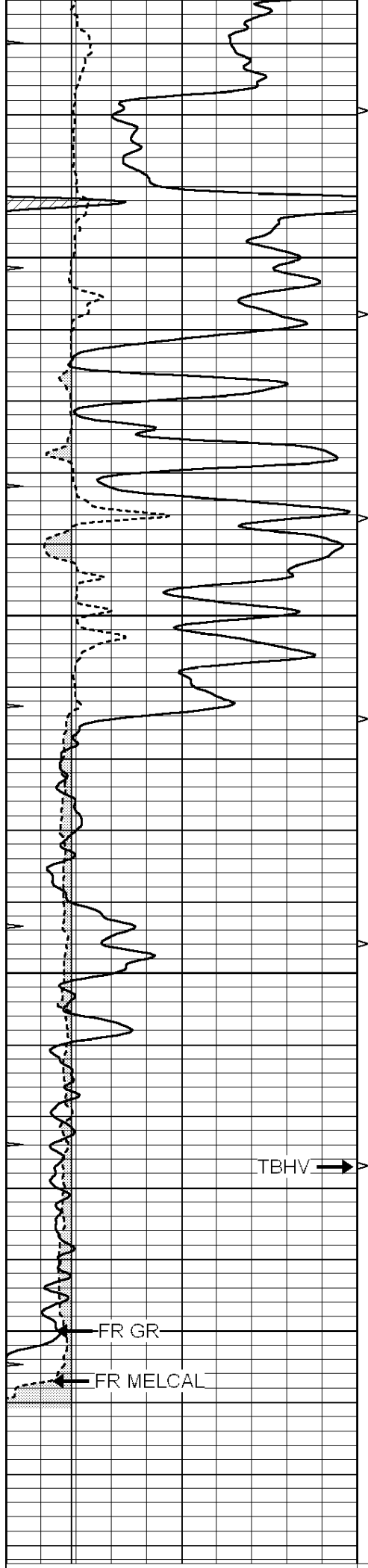
3950

4000

4050







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

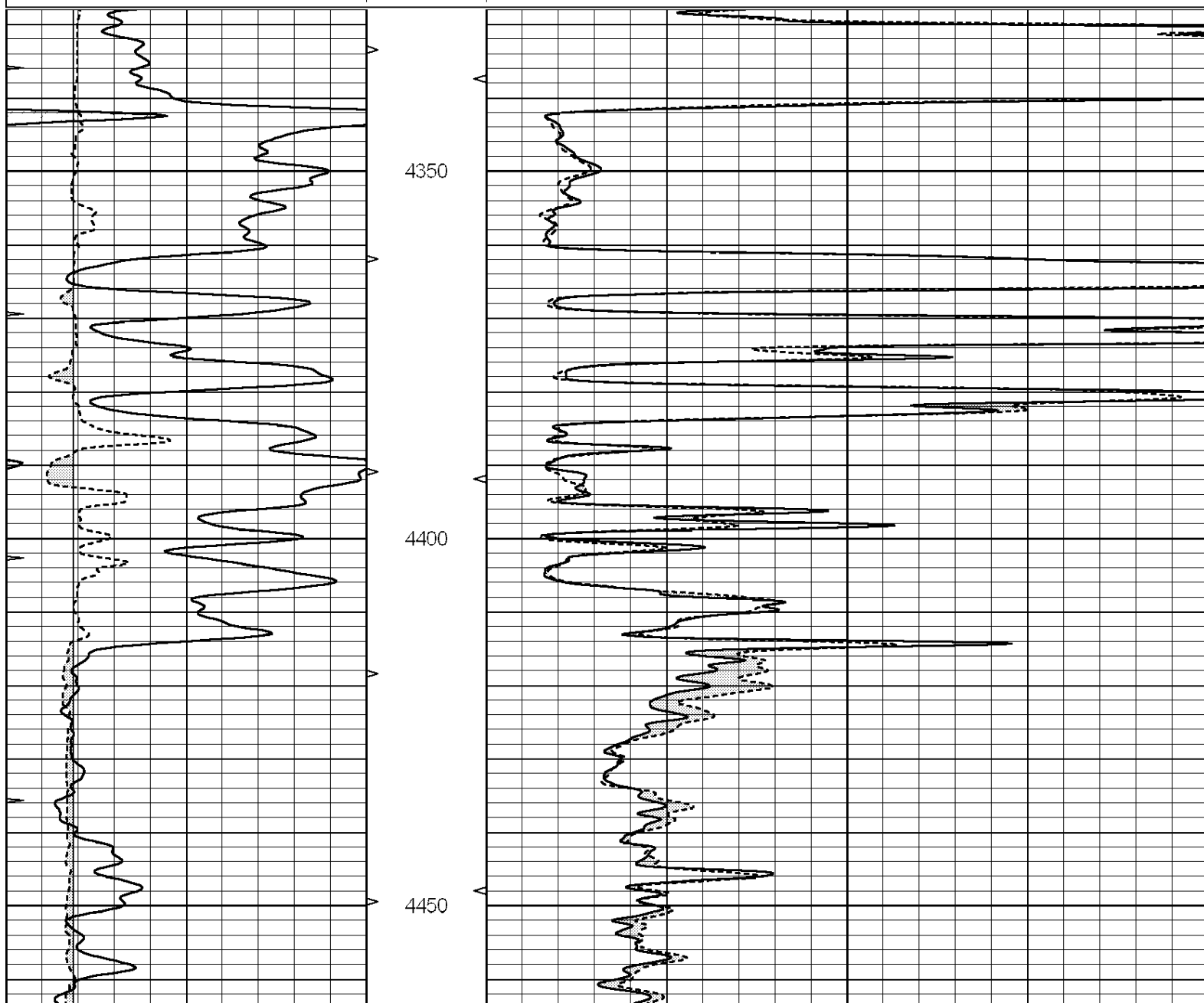


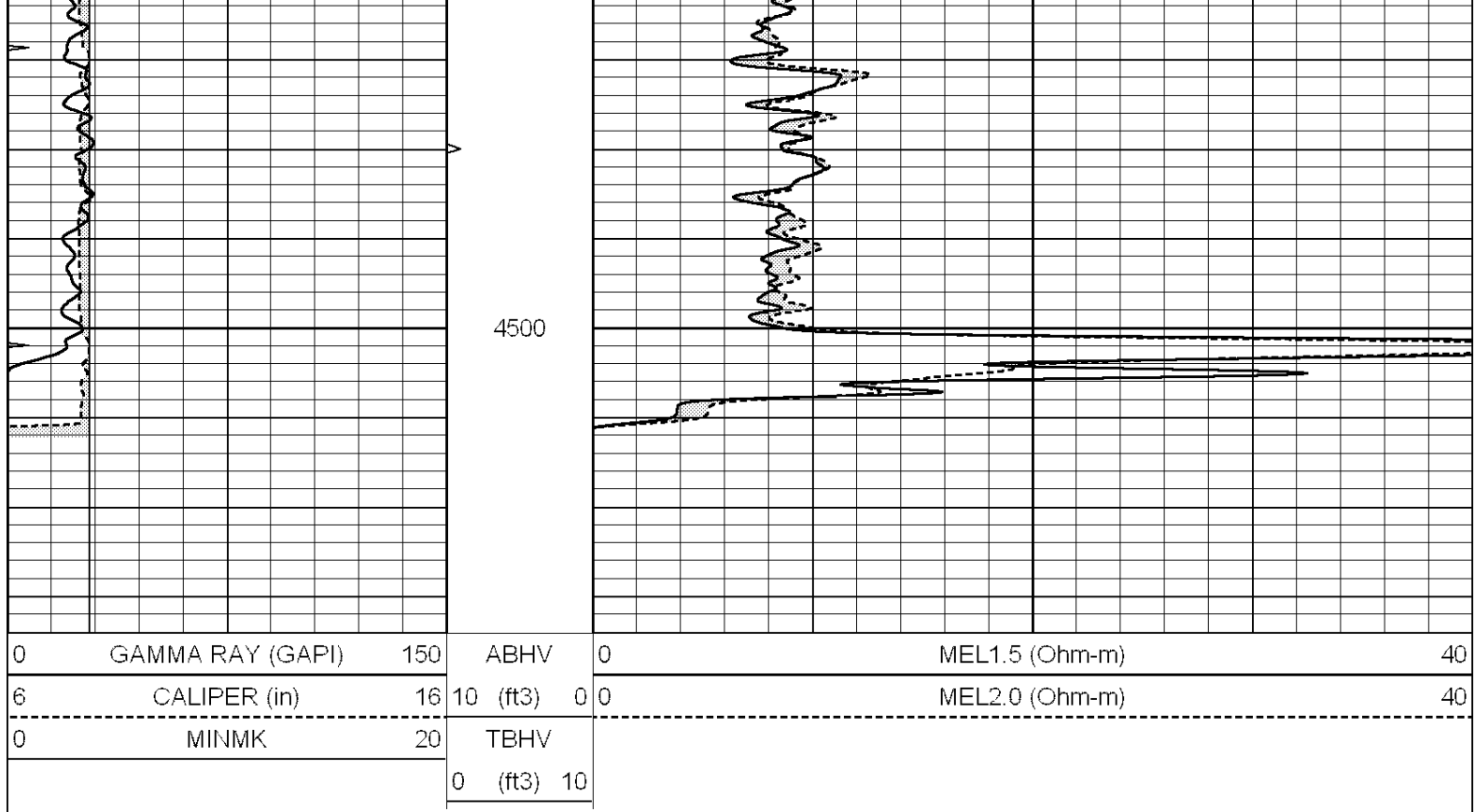
SUPERIOR
Hays,
Kansas

REPEAT SECTION

Database File: 006294pe.db
Dataset Pathname: pass7.6
Presentation Format: micro
Dataset Creation: Tue Feb 22 15:50:05 2011
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 0	MEL2.0 (Ohm-m)	40
0	MINMK	20	TBHV			
			0 (ft3) 10			





Calibration Report

Database File: 006294pe.db
Dataset Pathname: pass8.4
Dataset Creation: Tue Feb 22 16:17:20 2011 by Calc Open-Cased 090629

MICRO Calibration Report

Serial Number:	MICRO5	
Tool Model:	PROBE	
Performed:	Tue Feb 22 15:34:30 2011	
Caliper Calibration:	Gain=5.851	Offset=-34.518
	Low Cal	High Cal
References	7.500	15.000
Readings	7.181	8.463
1.5" Calibration:	Gain=40.000	Offset=-0.800
	Low Cal	High Cal
References	0.000	20.000
Readings	0.008	0.991
2" Calibration:	Gain=52.000	Offset=-1.500
	Low Cal	High Cal
References	0.000	20.000
Readings	0.014	0.905

Gamma Ray Calibration Report

Serial Number:	GR3	
Tool Model:	OPEN	
Performed:	Tue Feb 22 15:34:27 2011	
Calibrator Value:	200.0	GAPI
Background Reading:	3.0	cps
Calibrator Reading:	196.0	cps

Calibrator Reading:

100.0

cps

Sensitivity:

1.1000

GAPI/cps