



MICRO LOG

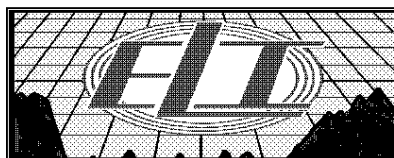
Company	MULL DRILLING COMPANY, INC.
Well	#1-29 COBERLY-BEOUGHER UNIT
Field	WILDCAT
County	GOVE
State	KANSAS
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Well	#1-29 COBERLY-BEOUGHER UNIT
Field	WILDCAT
County	GOVE
State	KANSAS
Location:	API # : 15-063-22340-0000 2195' FNL & 3' FVL NW - SW - SW - NW
Permanent Datum	GROUND LEVEL
Log Measured From	KELLY BUSHING 8' A.G.L.
Drilling Measured From	KELLY BUSHING
SEC 29 TWP 13S RGE 27W	
Elevation	2675
Other Services	CDL/CNL/PE DIL/SONIC
Date	10/17/18
Run Number	TWO
Depth Driller	4525
Depth Logger	4515
Bottom Logged Interval	4499
Top Log Interval	3600
Casing Driller	8 5/8"@221'
Casing Logger	221
Bit Size	7 7/8"
Type Fluid in Hole	CHEMICAL MUD
Density / Viscosity	9.0/55
pH / Fluid Loss	10.5/6.0
Source of Sample	FLOWLINE
Rim @ Meas. Temp	1.60@65F
Rinf @ Meas. Temp	1.20@65F
Rmc @ Meas. Temp	1.92@65F
Source of Rmf / Rmc	MEASUREMENT
Rim @ BHT	.860@121F
Time Circulation Stopped	4.5 HOURS
Time Logger on Bottom	2:00 P.M.
Maximum Recorded Temperature	121F
Equipment Number	922339
Location	HAYS, KANSAS
Recorded By	JEFF LUEBBERS
Witnessed By	KEVIN KESSLER

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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

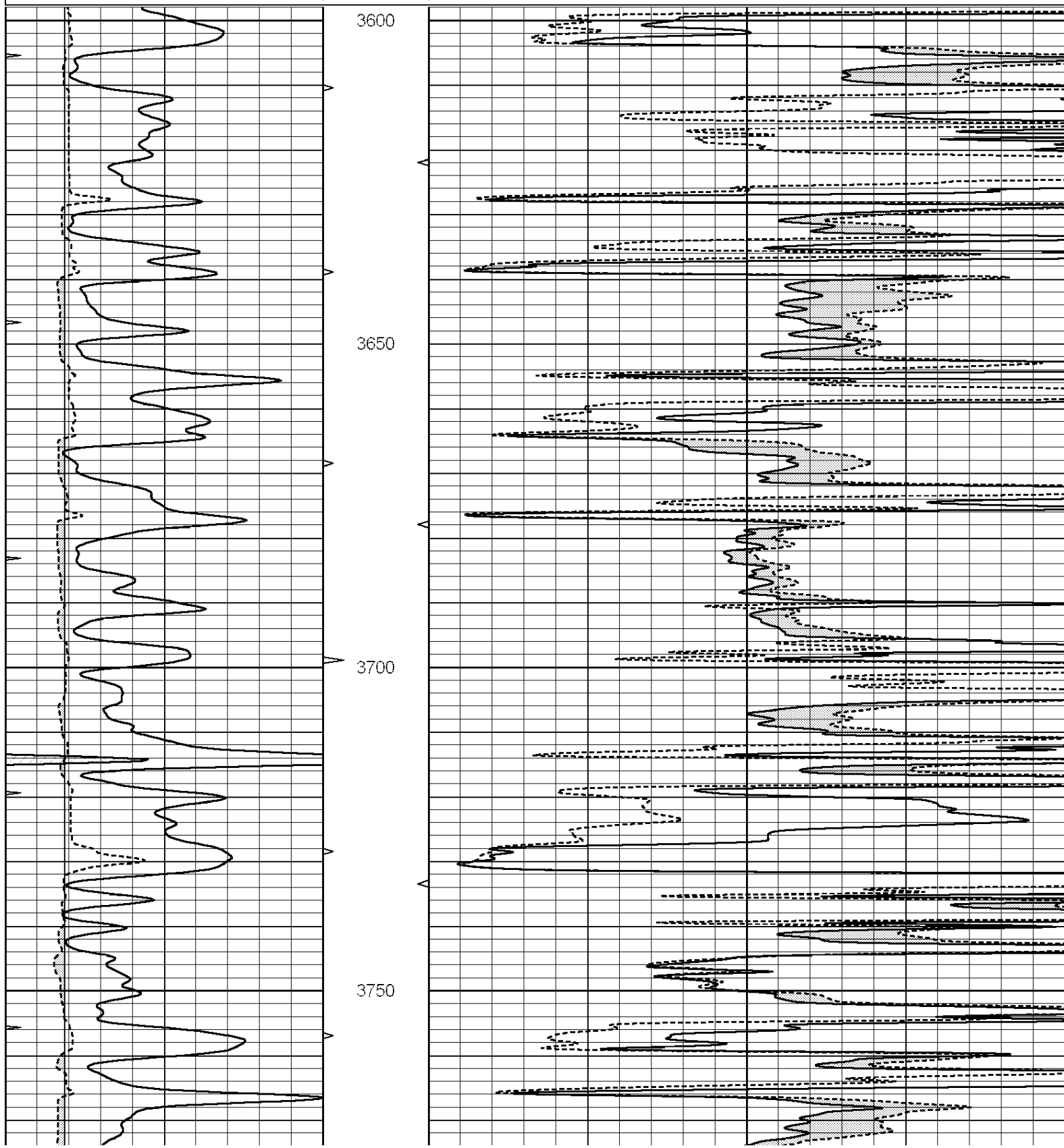
THANK YOU FOR USING ELI WIRELINE HAYS, KANSAS (785) 628-6395
DIRECTIONS
PARK, KS. & I-70 EXIT, 14S., 1 E.

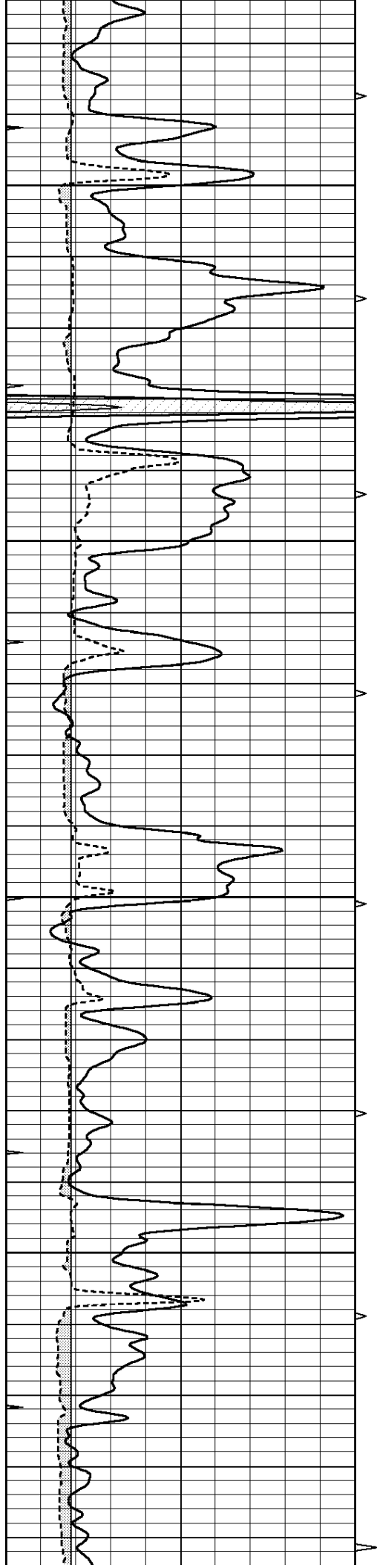


MAIN SECTION

Database File: 2945pe.db
 Dataset Pathname: pass7.3
 Presentation Format: micro
 Dataset Creation: Wed Oct 17 14:23:44 2018 by Calc SOC 120430
 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	MEL 20 (Ohm-m)	40
0	MINMK	20	TBHV			
			0 (ft3)	10		



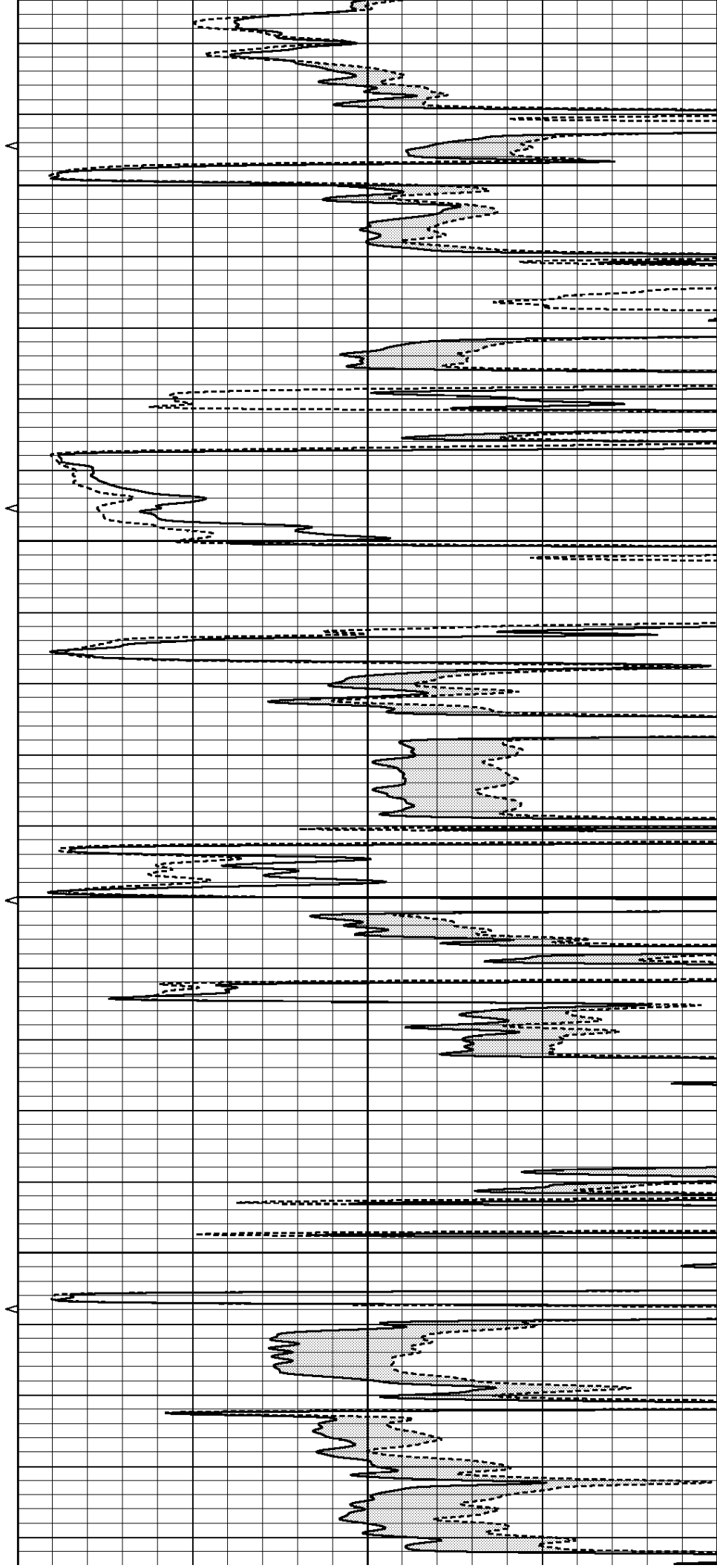


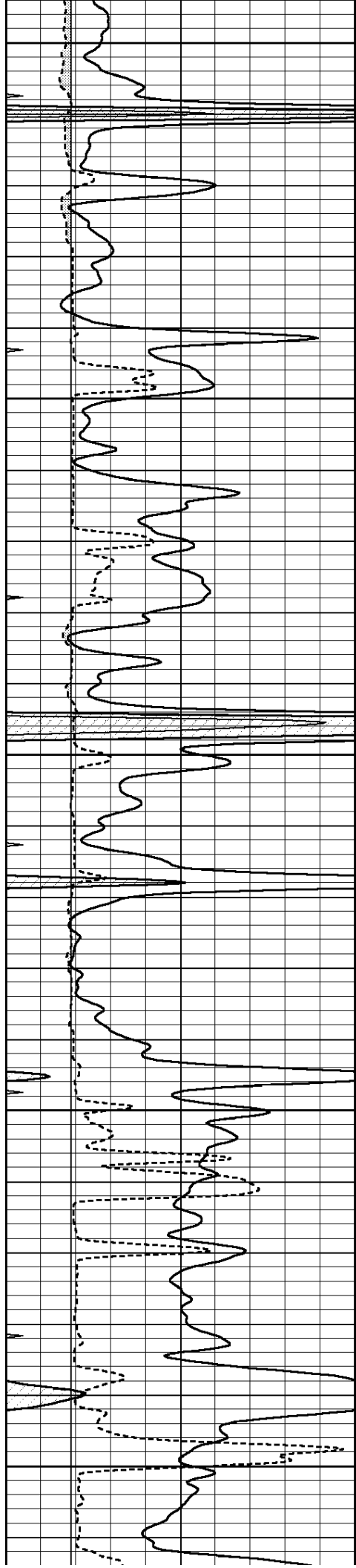
3800

3850

3900

3950





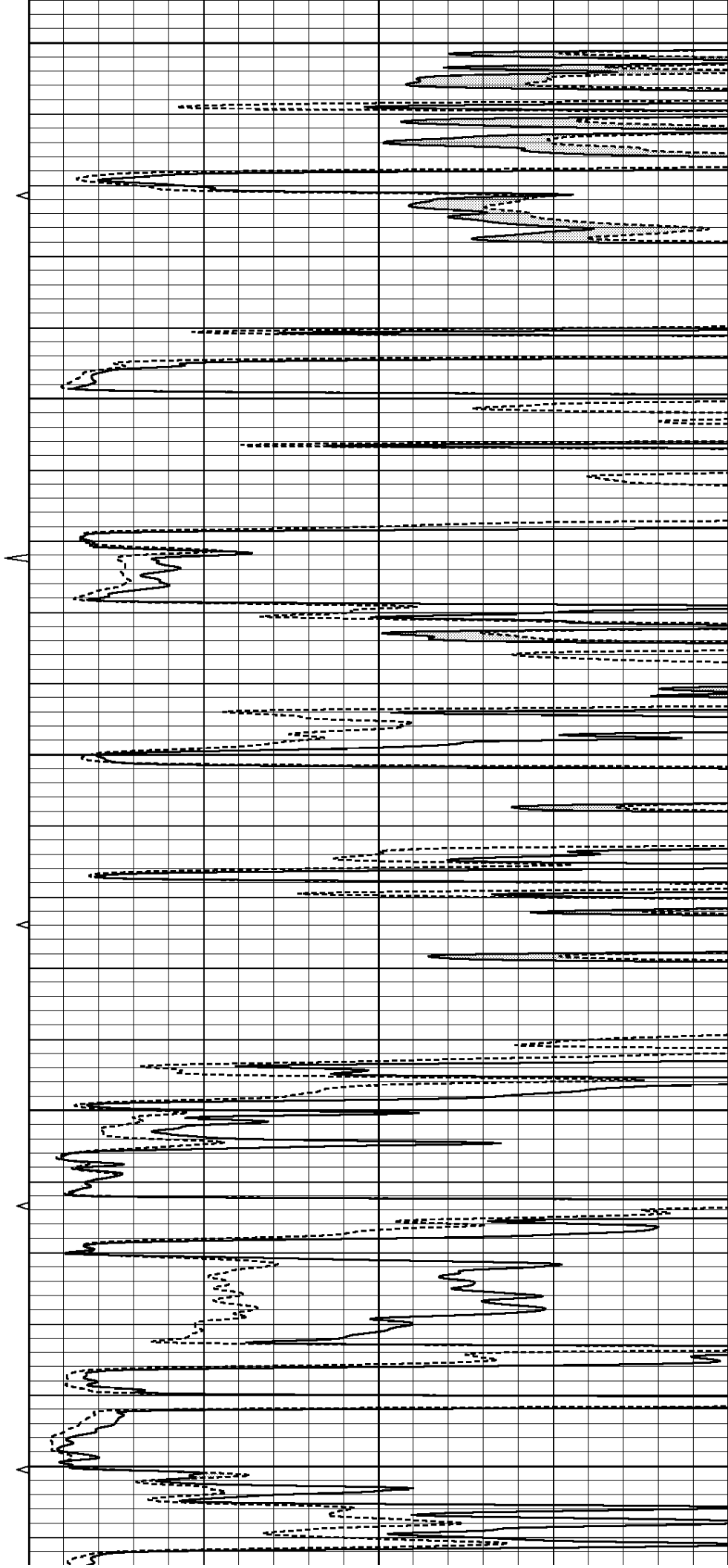
4000

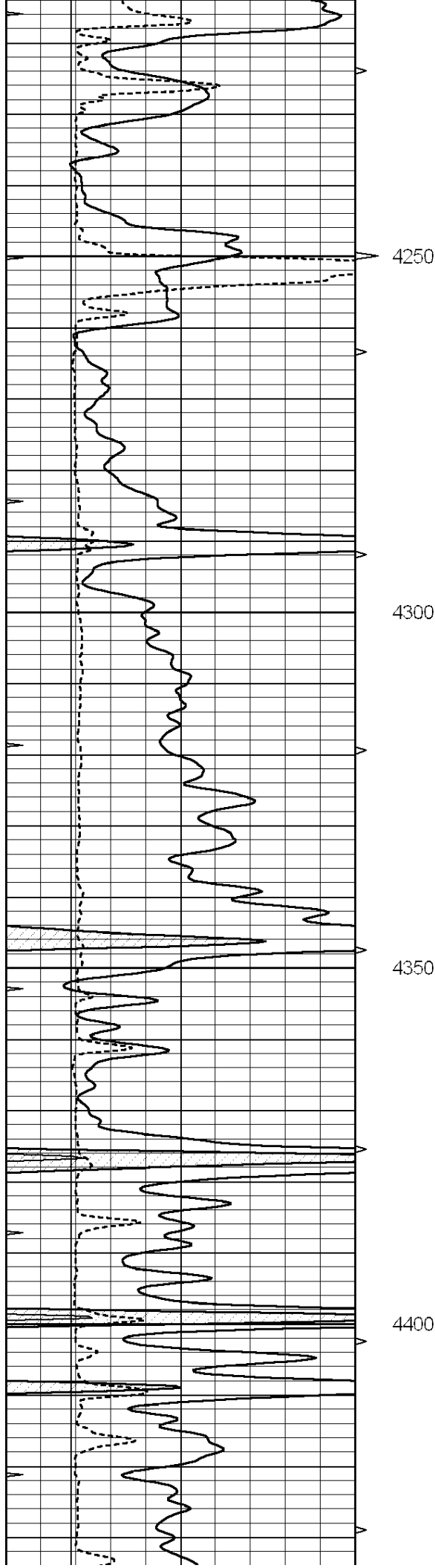
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4100

4150

4200



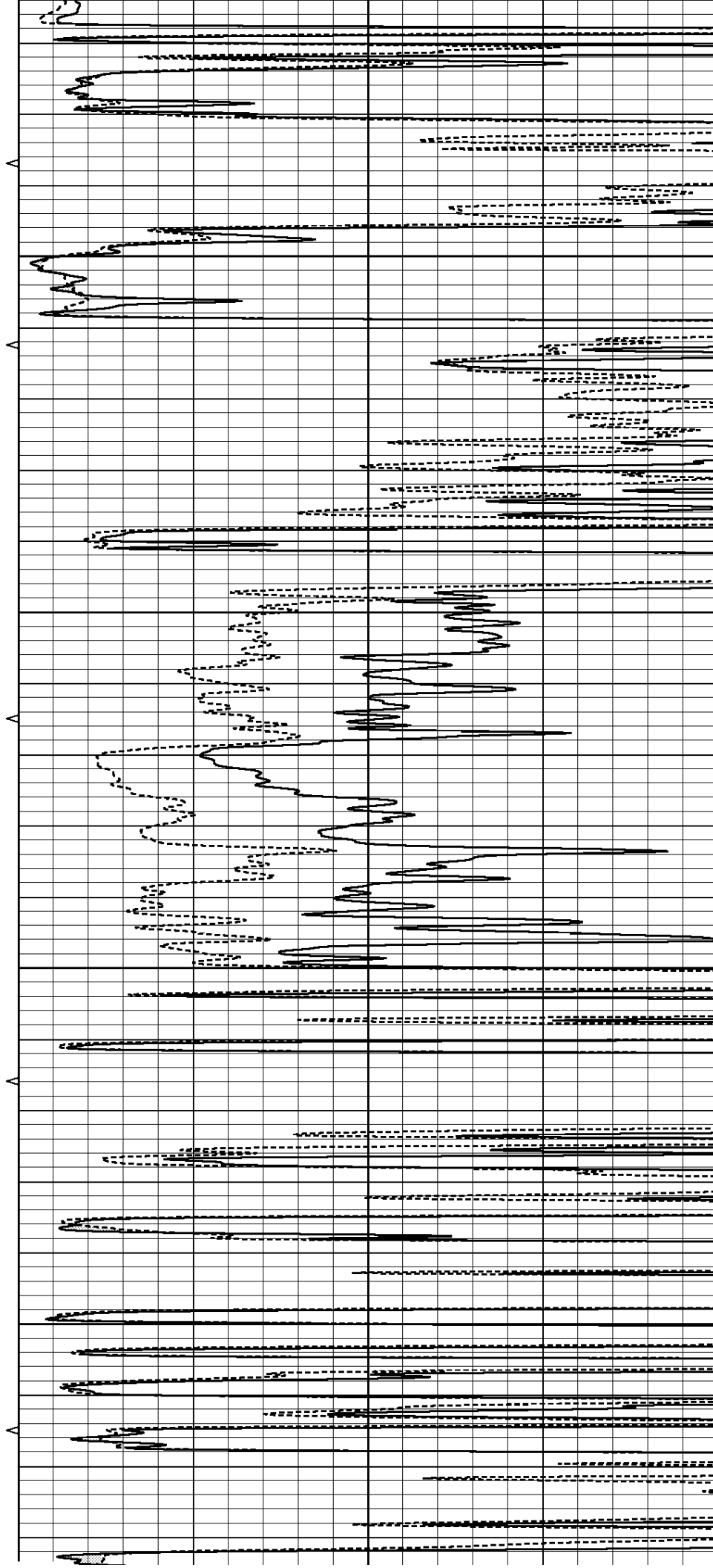


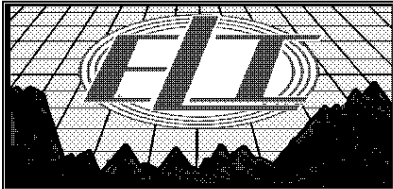
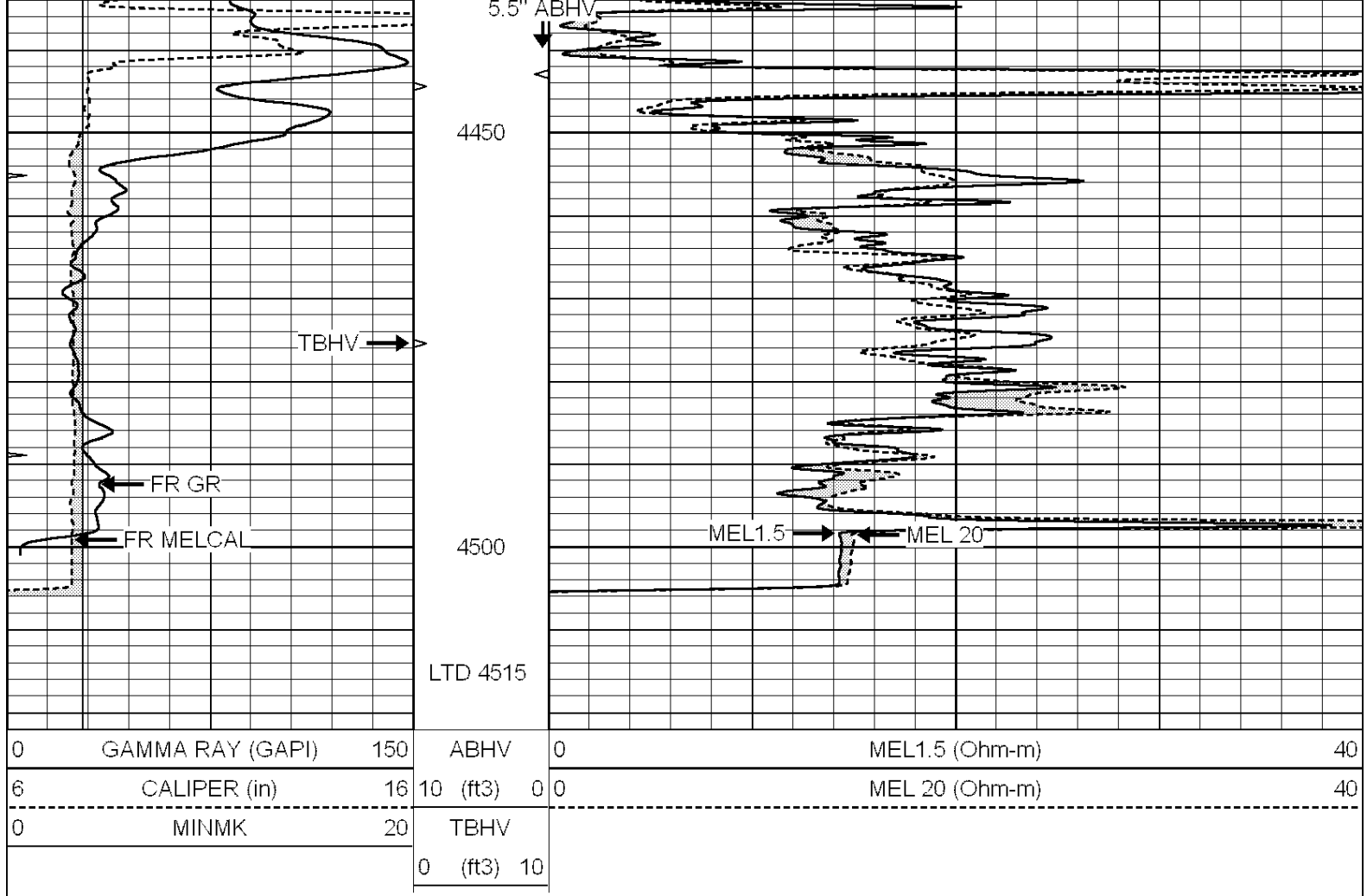
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4300

4350

4400

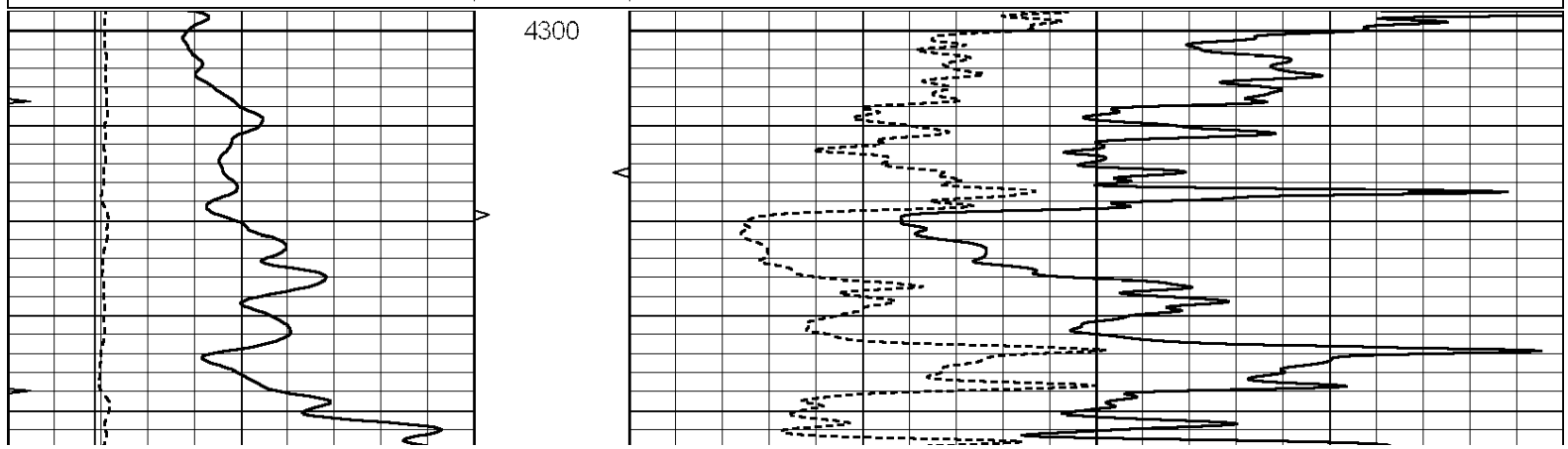


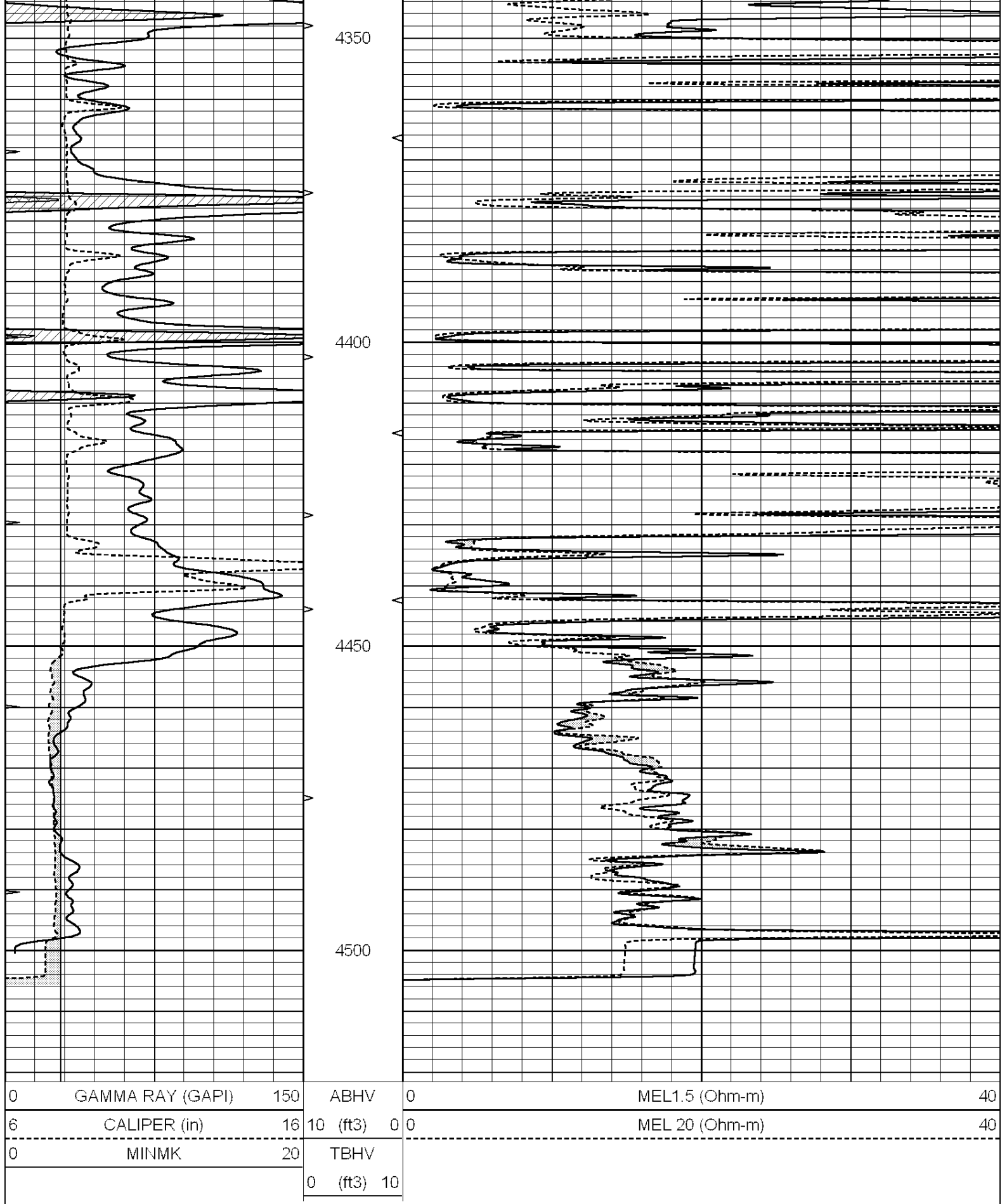


REPEAT SECTION

Database File: 2945pe.db
 Dataset Pathname: pass6.2
 Presentation Format: micro
 Dataset Creation: Wed Oct 17 14:14:32 2018 by Calc SOC 120430
 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	MEL 20 (Ohm-m)	40
0	MINMK	20	TBHV			
			0 (ft3)	10		





Calibration Report

Database File: 2945pe.db
Dataset Pathname: pass7.3
Dataset Creation: Wed Oct 17 14:23:44 2018 by Calc SOC 120430

MICRO Calibration Report		
Serial Number:	070911	
Tool Model:	ProbeN	
Performed:	Sat Oct 13 05:05:39 2018	
Caliper Calibration:	Gain=4.650	Offset=1.050
	Low Cal	High Cal
References	7.700	20.000
Readings	1.430	4.075
1.5" Calibration:	Gain=60.000	Offset=-3.700
	Low Cal	High Cal
References	0.000	20.000
Readings	0.001	1.240
2" Calibration:	Gain=58.000	Offset=-2.500
	Low Cal	High Cal
References	0.000	20.000
Readings	0.001	1.076
Gamma Ray Calibration Report		
Serial Number:	110959	
Tool Model:	OPEN_GR	
Performed:	Wed Oct 17 13:39:46 2018	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	0.2300	GAPI/cps