



MICRO LOG

Company	PHILLIPS EXPLORATION CO. L.C.
Well	DEINES #1-17 SHR
Field	WILDCAT
County	TREGO
State	KANSAS
Company	PHILLIPS EXPLORATION COMPANY, L.C.
Well	DEINES #1-17 SHR
Field	WILDCAT
County	TREGO
State	KANSAS
Location:	API # : 15-195-23088-0000
Permanent Datum	1200' FNL & 1100' FVL
Log Measured From	SE - SE - NW - NW
Drilling Measured From	SEC 17 TWP 13S RGE 23W
GROUND LEVEL	Elevation 2487
KELLY BUSHING	5' A.G.L.
KELLY BUSHING	Elevation 2487
Other Services	CDL/CNL
DIL	
Date	6/20/19
Run Number	TWO
Depth Driller	4475
Depth Logger	4475
Bottom Logged Interval	4473
Top Log Interval	3500
Casing Driller	8 5/8"@217'
Casing Logger	217
Bit Size	7 7/8"
Type Fluid in Hole	CHEMICAL MUD
Density / Viscosity	9.4/59
pH / Fluid Loss	10.0/6.2
Source of Sample	FLOWLINE
Rim @ Meas. Temp	1.00@100F
Rmf @ Meas. Temp	.750@100F
Rmc @ Meas. Temp	1.20@100F
Source of Rmf / Rmc	MEASUREMENT
Rim @ BHT	.833@120F
Time Circulation Stopped	3.5 HOURS
Time Logger on Bottom	7:45 P.M.
Maximum Recorded Temperature	120F
Equipment Number	922339
Location	HAYS, KANSAS
Recorded By	JEFF LUEBBERS
Witnessed By	PAT DEENIHAN

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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

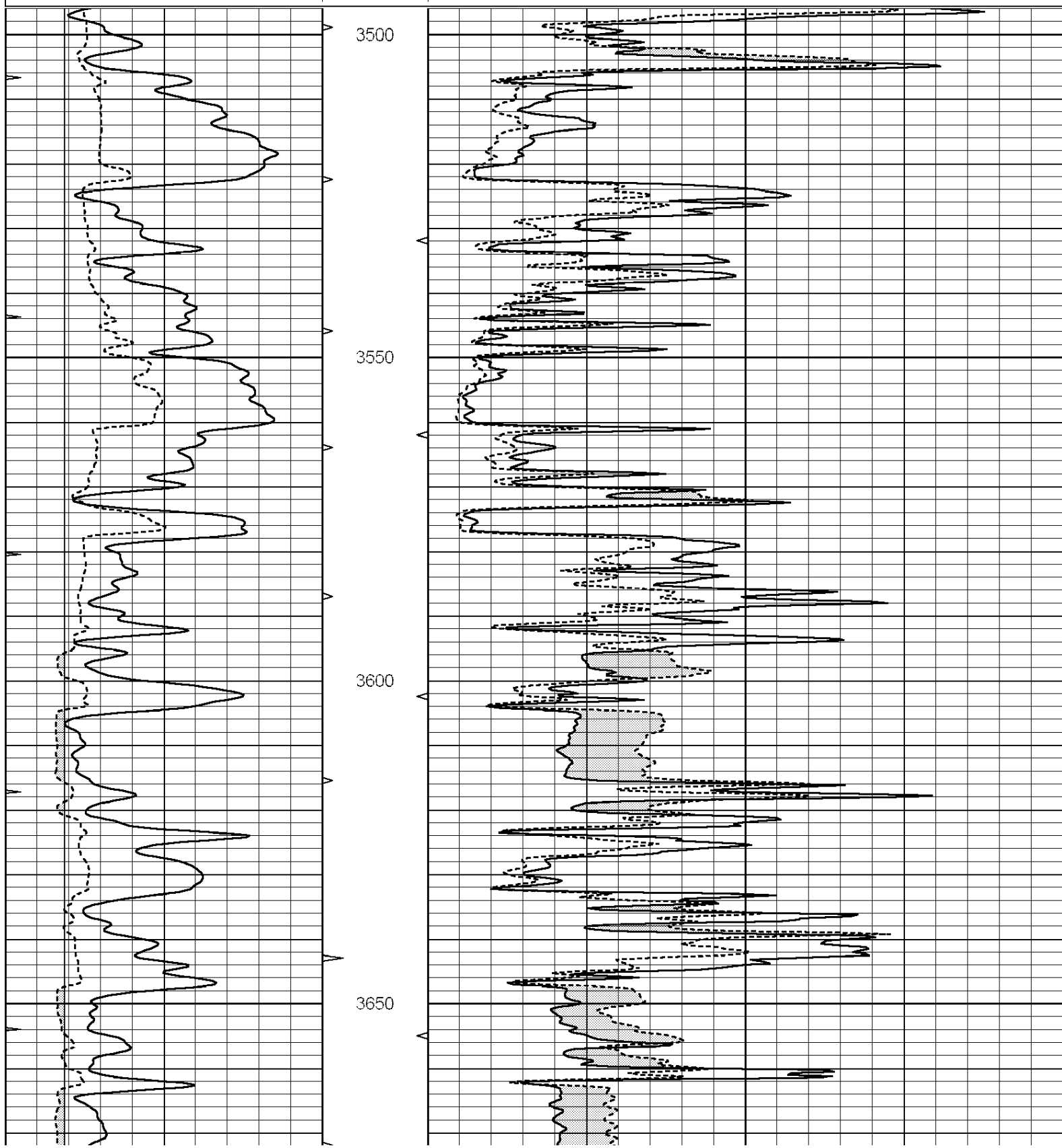
THANK YOU FOR USING ELI WIRELINE HAYS, KANSAS (785) 628-6395
DIRECTIONS
WAKENNEY, KS., 5S. ON HWY 283 TO "RD. O", 1W., 1/4N., E. INTO

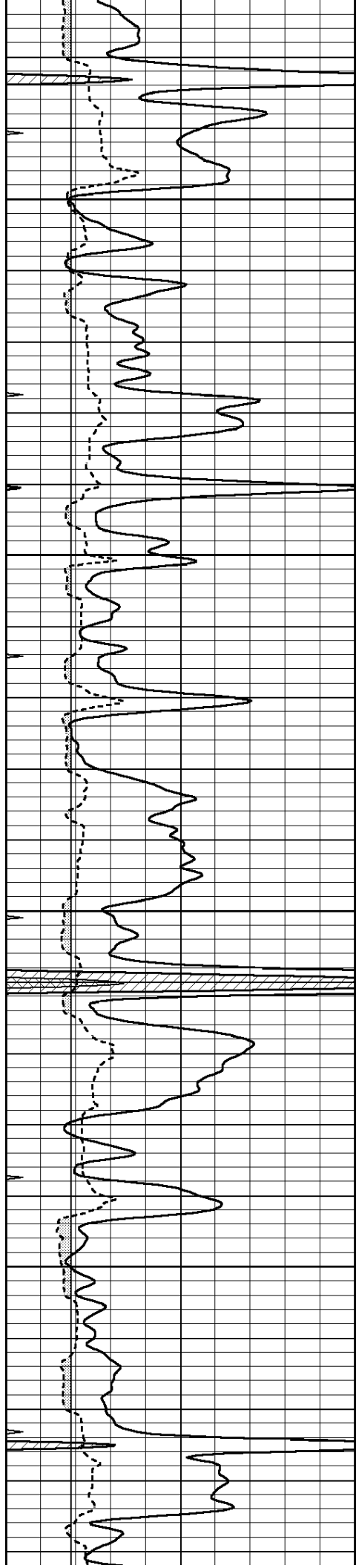


MAIN SECTION

Database File: 3732ddn.db
Dataset Pathname: pass6.5
Presentation Format: micro
Dataset Creation: Fri Jun 21 20:39:29 2019 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	MEL 20 (Ohm-m)	40
0	MINMK	20	TBHV			
			0 (ft3)	10		



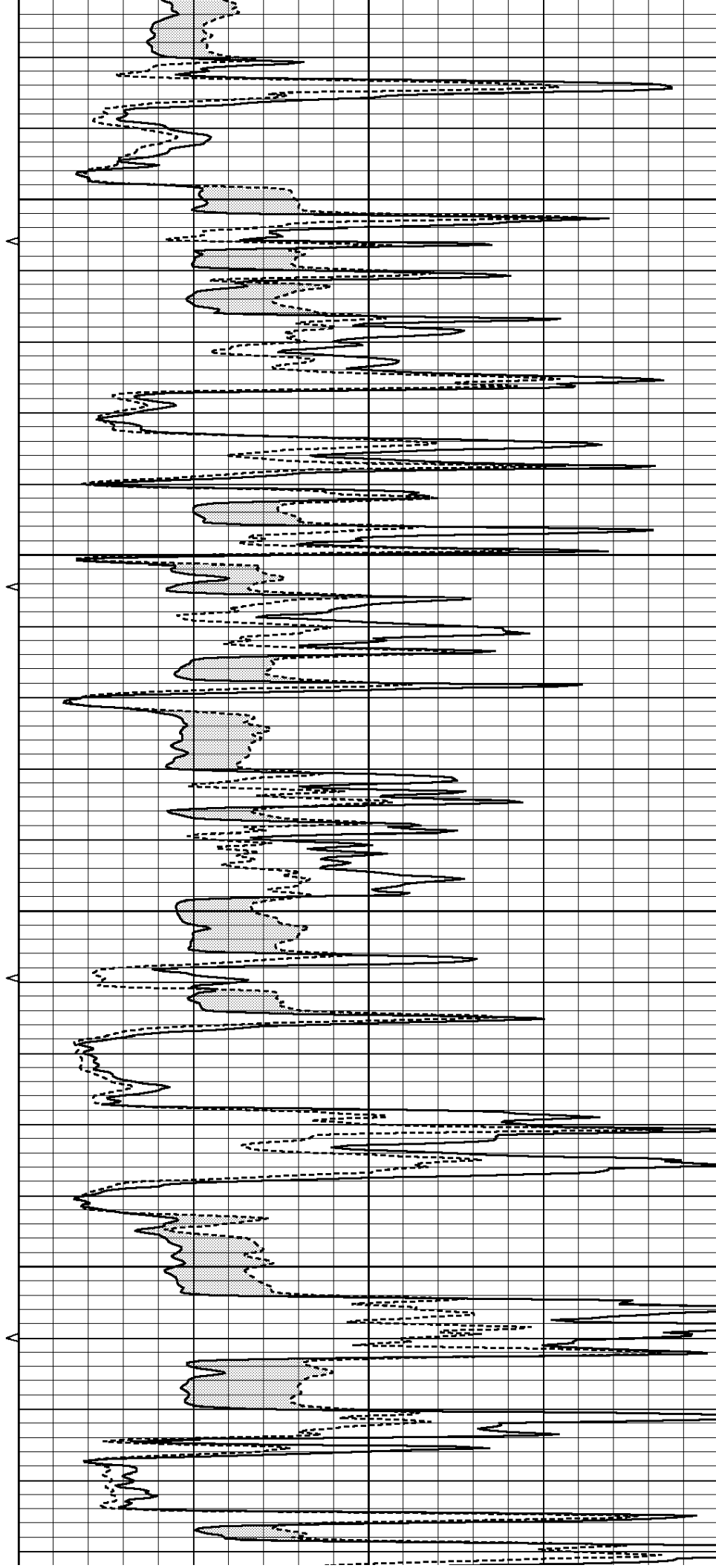


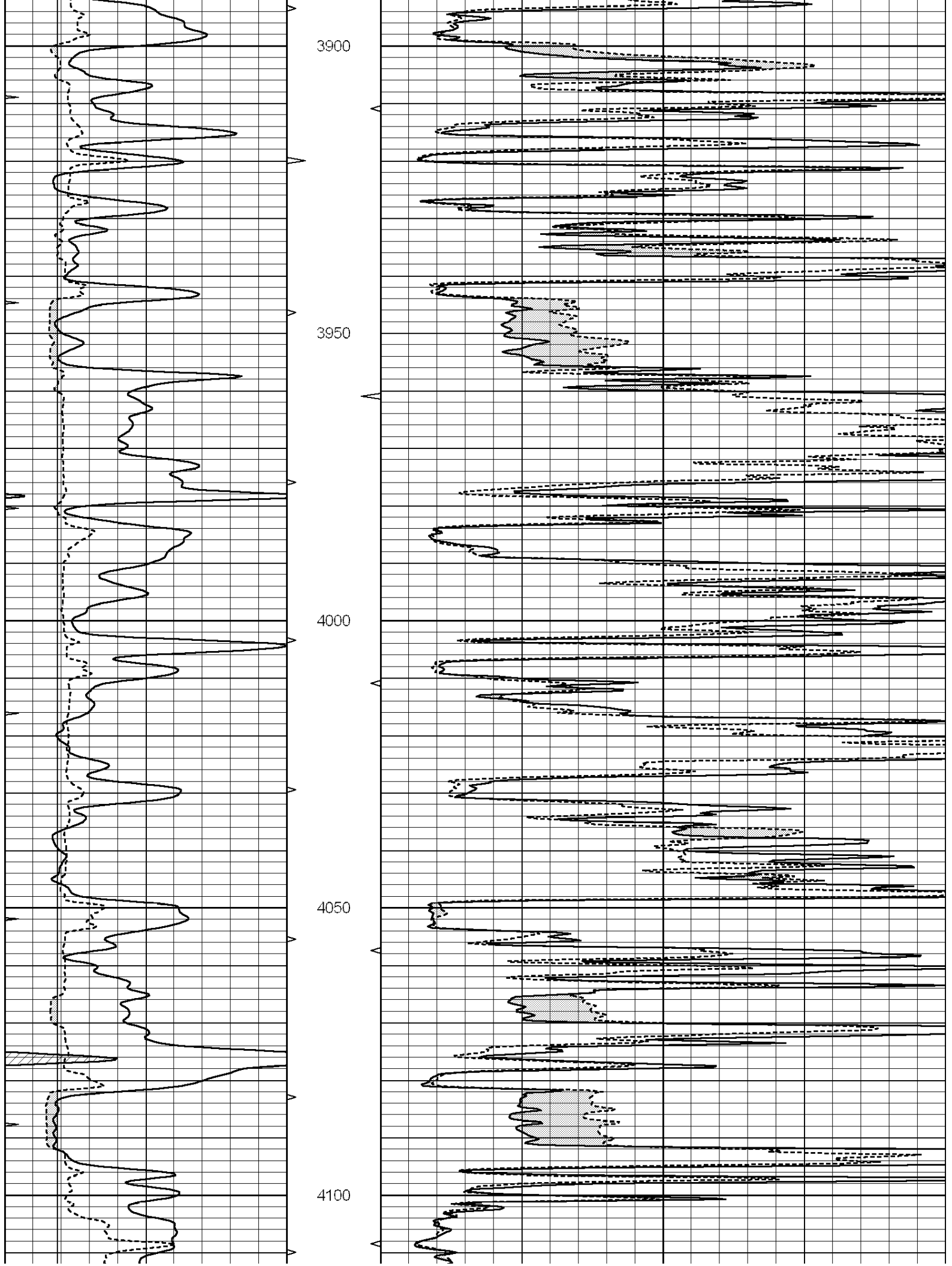
3700

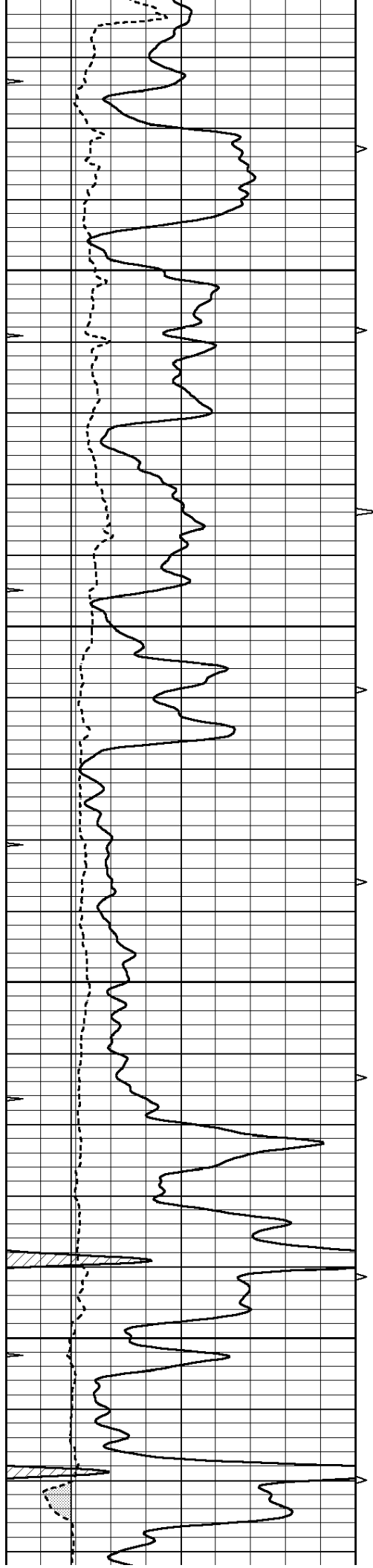
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3800

3850





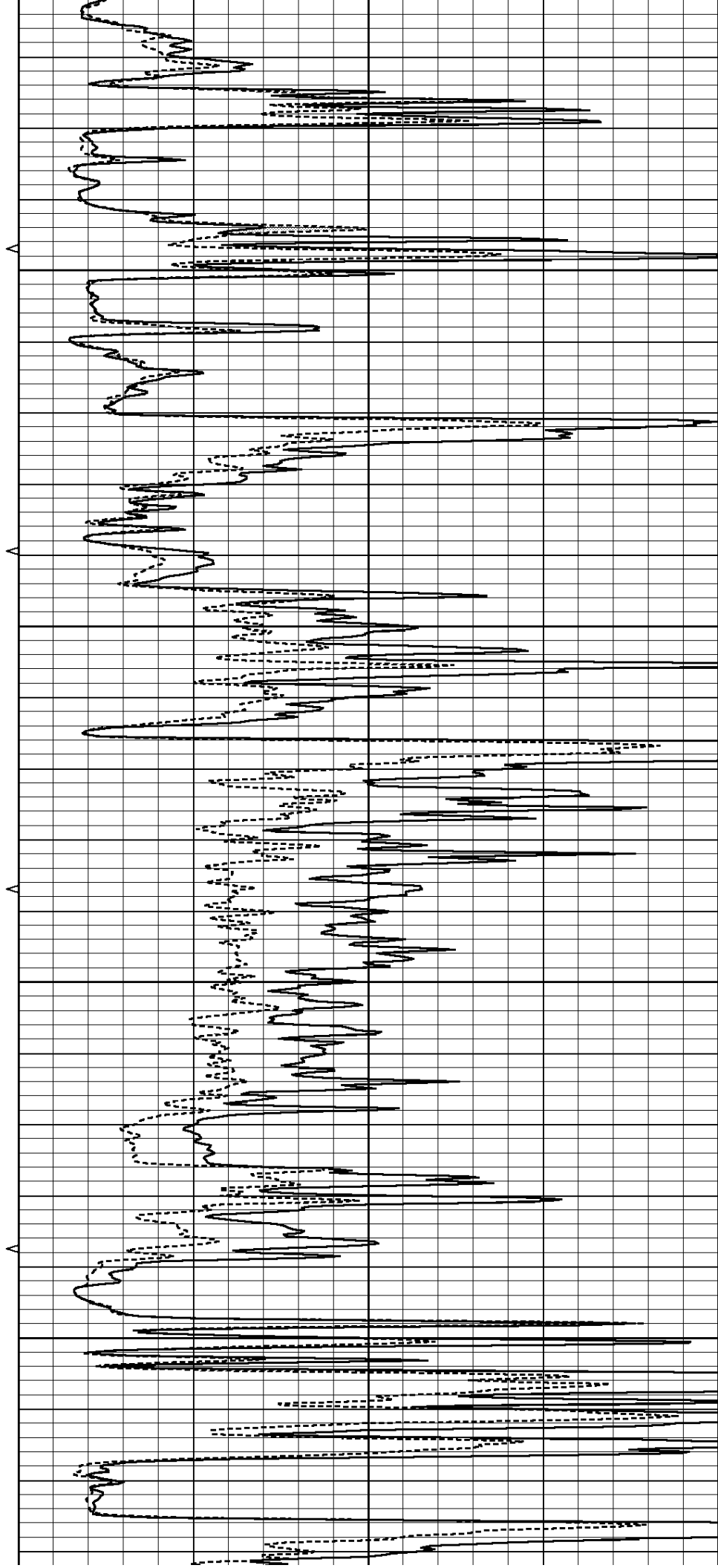


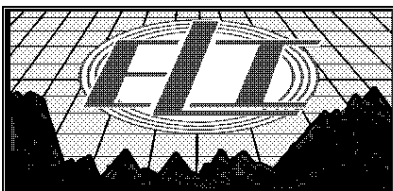
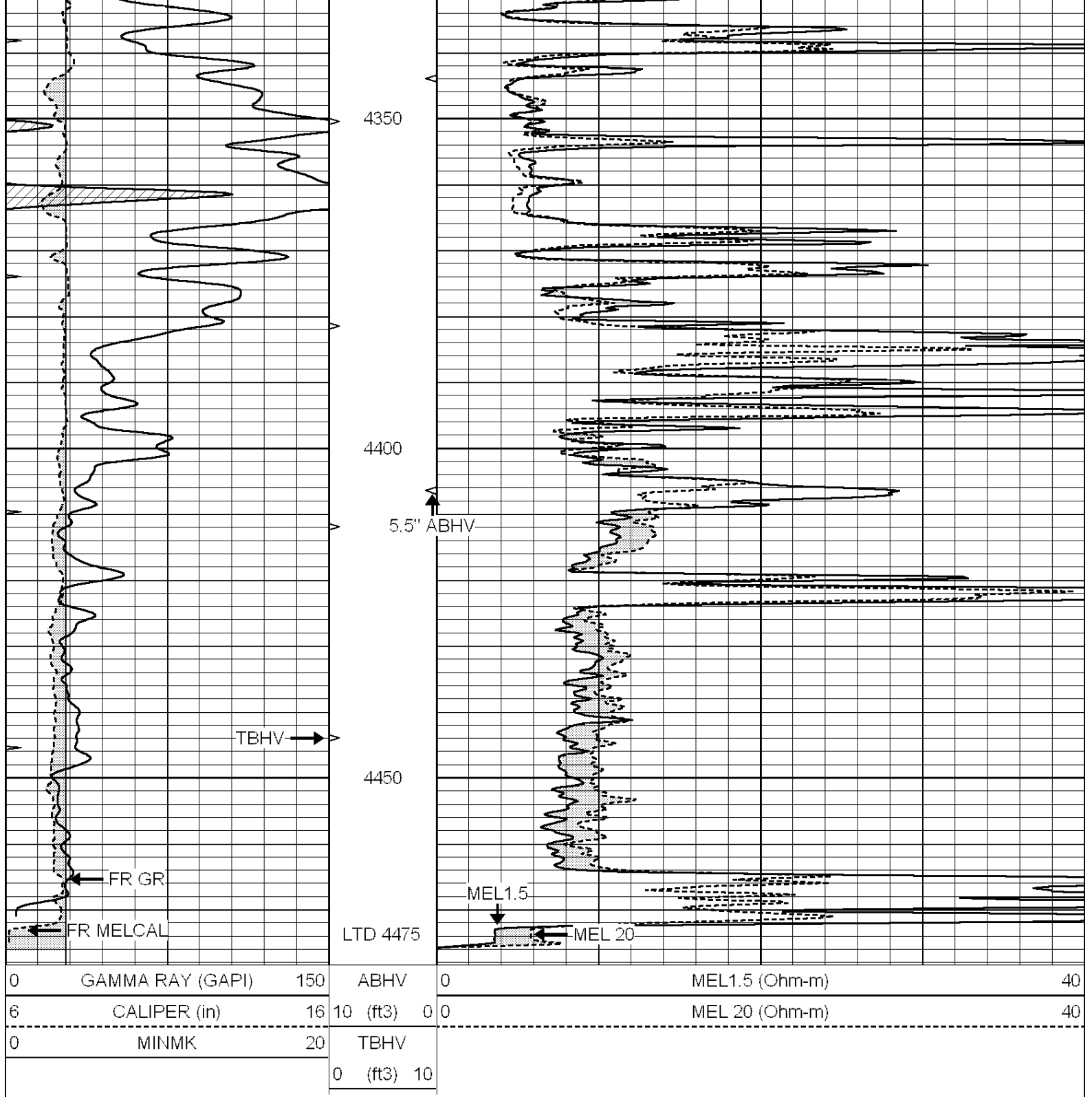
4150

4200

4250

4300



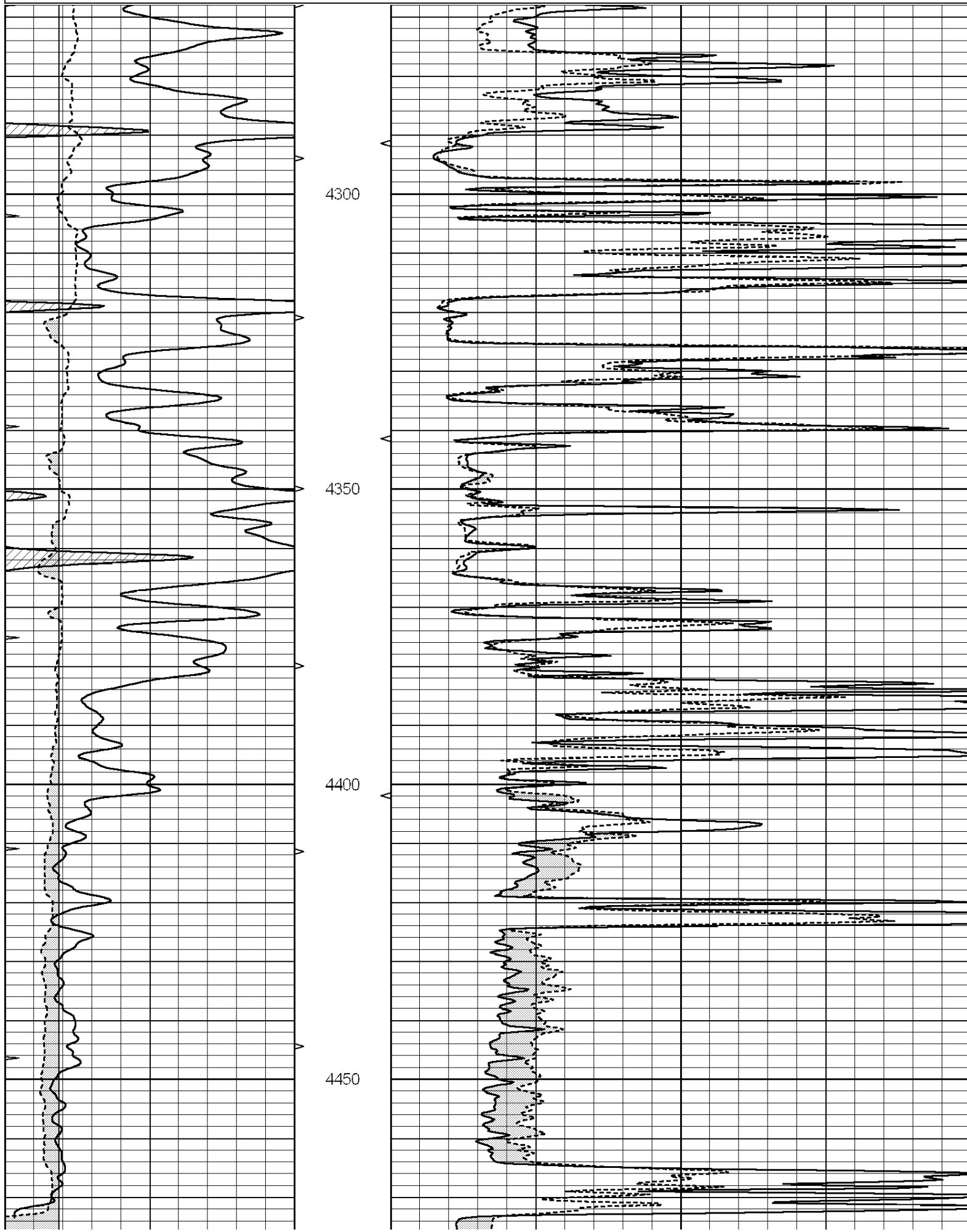


REPEAT SECTION

Database File: 3732ddn.db
 Dataset Pathname: pass5.4
 Presentation Format: micro
 Dataset Creation: Fri Jun 21 20:42:46 2019 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



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

Calibration Report					
Database File:	3732ddn.db				
Dataset Pathname:	pass6.5				
Dataset Creation:	Fri Jun 21 20:39:29 2019 by Calc SOC 120430				
MICRO Calibration Report					
Serial Number:	070911				
Tool Model:	ProbeN				
Performed:	Fri Jun 21 20:16:11 2019				
Caliper Calibration:	Gain=6.774	Offset=1.065			
References	Low Cal	High Cal			
Readings	7.500	18.000			
	0.950	2.500			
1.5" Calibration:	Gain=34.000	Offset=0.000			
References	Low Cal	High Cal			
Readings	0.000	20.000			
	0.001	1.240			
2" Calibration:	Gain=52.000	Offset=-0.800			
References	Low Cal	High Cal			
Readings	0.000	20.000			
	0.001	1.076			
Gamma Ray Calibration Report					
Serial Number:	070559				
Tool Model:	OPEN_GR				
Performed:	Wed Jun 12 08:08:27 2019				
Calibrator Value:	1.0	GAPI			
Background Reading:	0.0	cps			
Calibrator Reading:	1.0	cps			
Sensitivity:	0.2500	GAPI/cps			