

MICRO LOG

Company		CARMEN SCHMITT, INC.	
Well		WERTH #3	
Field		OVERLAND NORTHEAST	
County		TREGO	
State		KANSAS	
Location:		API # : 15-195-23055-0000	
Permanent Datum		GROUND LEVEL	
Log Measured From		KELLY BUSHING 5' A.G.L.	
Drilling Measured From		KELLY BUSHING	
SEC 7 TWP 14S RGE 25W		Elevation	
		K.B. 2419	
		D.F. 2417	
		G.L. 2414	
Other Services		CDL/CNL/PE	
		DIL	
Date	6/14/18		
Run Number	TWO		
Depth Driller	4350		
Depth Logger	4350		
Bottom Logged Interval	4348		
Top Log Interval	3400		
Casing Driller	8 5/8"@217'		
Casing Logger	217		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 5,600 PPM	
Density / Viscosity	9.2/52		
pH / Fluid Loss	10.5/7.2		
Source of Sample	FLOWLINE		
Rim @ Meas. Temp	.650@90F		
Rmf @ Meas. Temp	.488@90F		
Rmc @ Meas. Temp	.780@90F		
Source of Rmf / Rmc	MEASUREMENT		
Rim @ BHT	.492@119F		
Time Circulation Stopped	4.5 HOURS		
Time Logger on Bottom	6:00 A.M.		
Maximum Recorded Temperature	119F		
Equipment Number	922339		
Location	HAYS, KANSAS		
Recorded By	JEFF LUEBBERS		
Witnessed By	BRAD RINE		

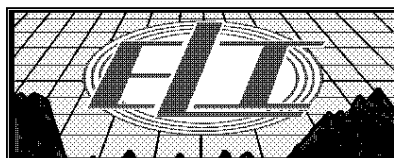
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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on 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

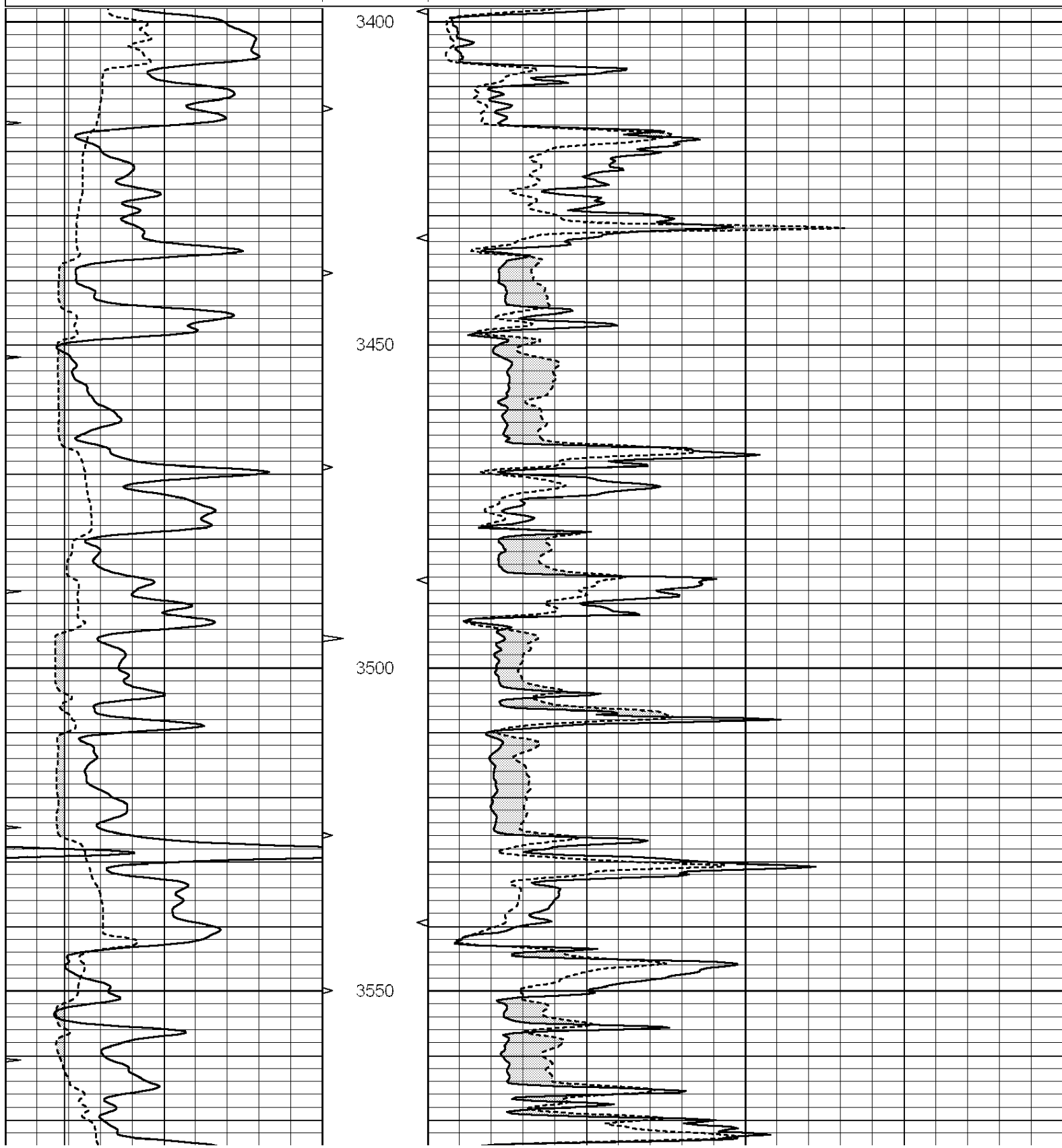
(I-70 & COLLYER EXIT), 12S. ON "BANNER RD." TO "RD. U", 1W., N. INTO AT FIRST TANK BATTERY

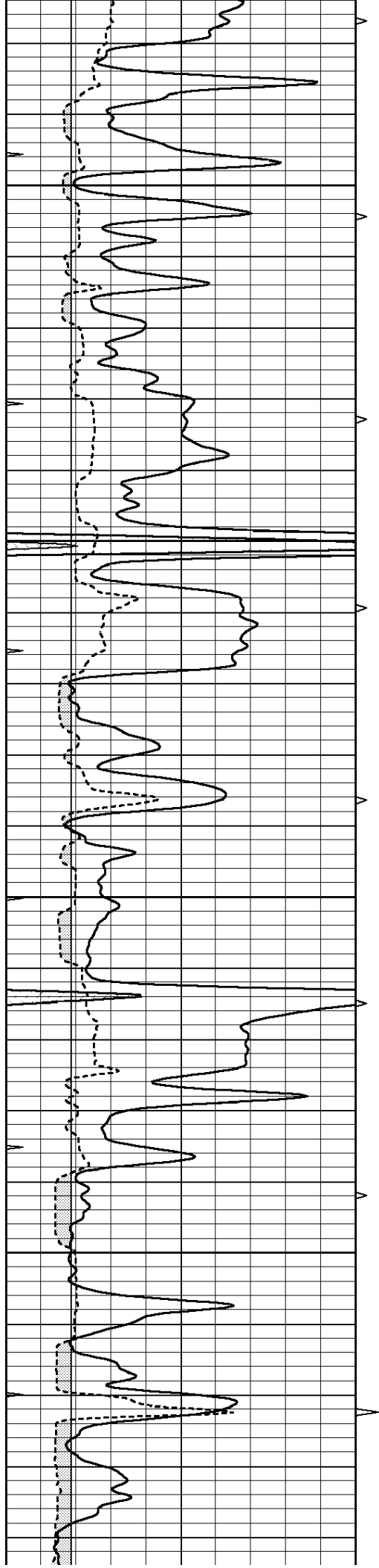


MAIN SECTION

Database File: 2652ddn.db
 Dataset Pathname: pass9.1
 Presentation Format: micro
 Dataset Creation: Thu Jun 14 06:55:02 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		



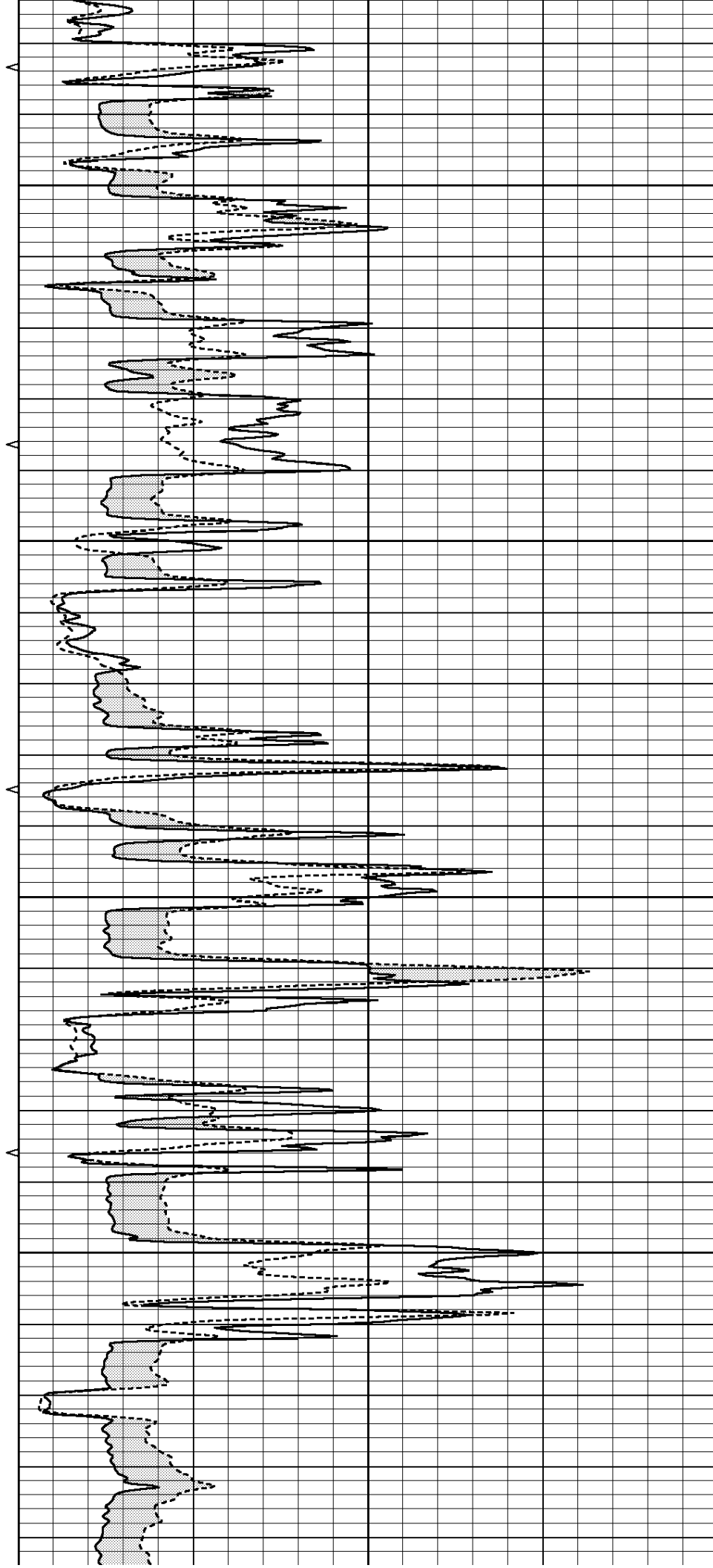


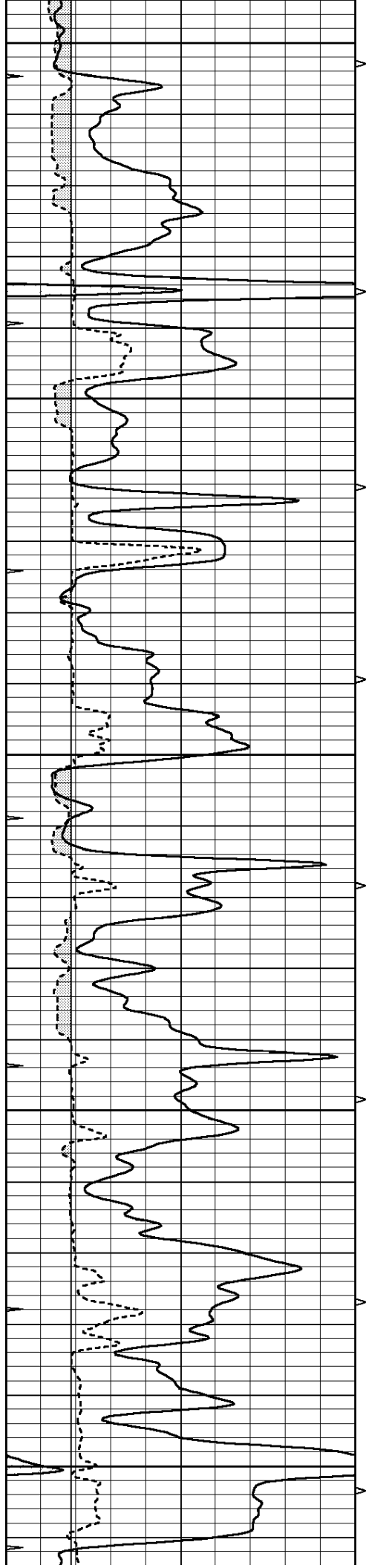
3600

3650

3700

3750





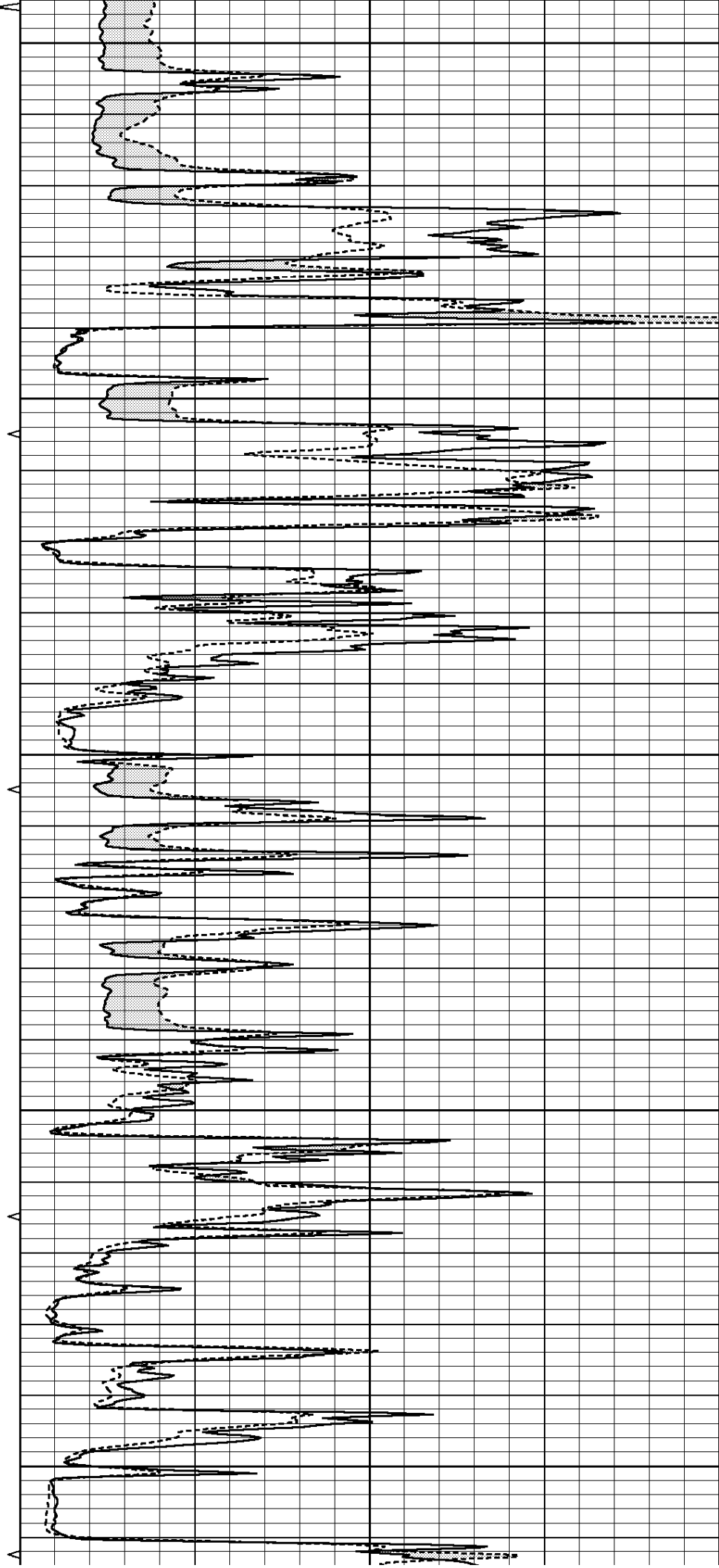
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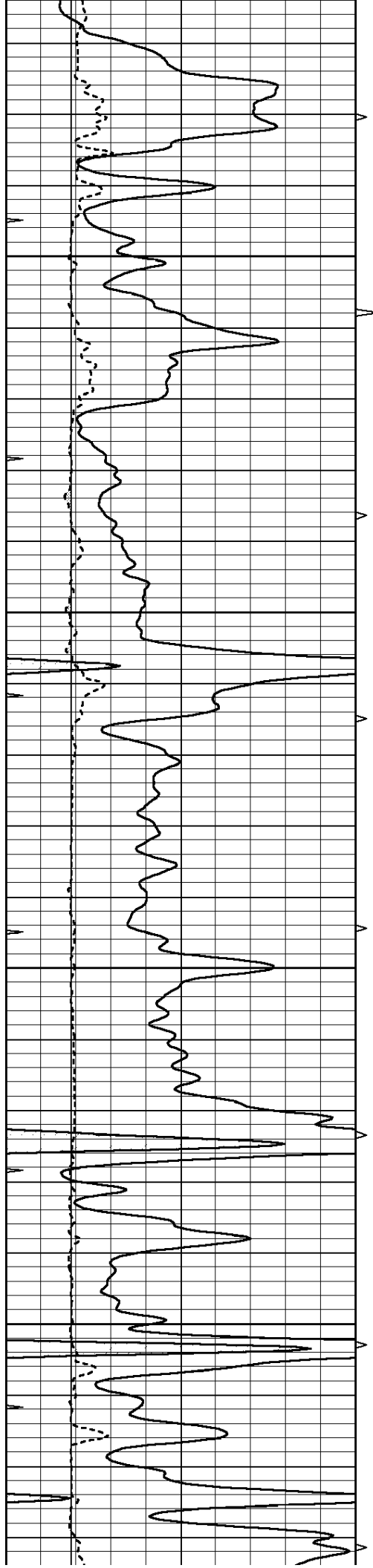
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3900

3950

4000



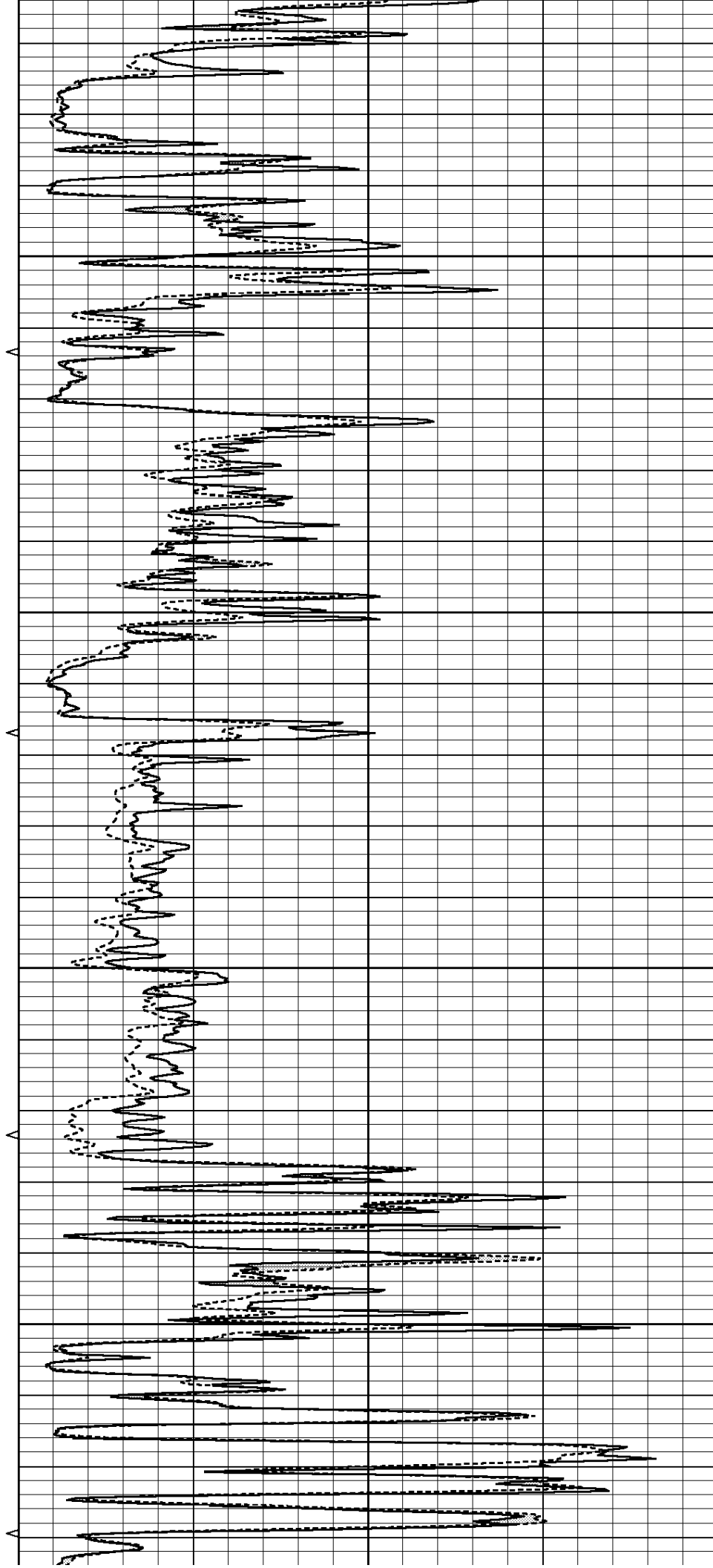


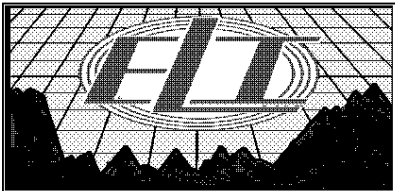
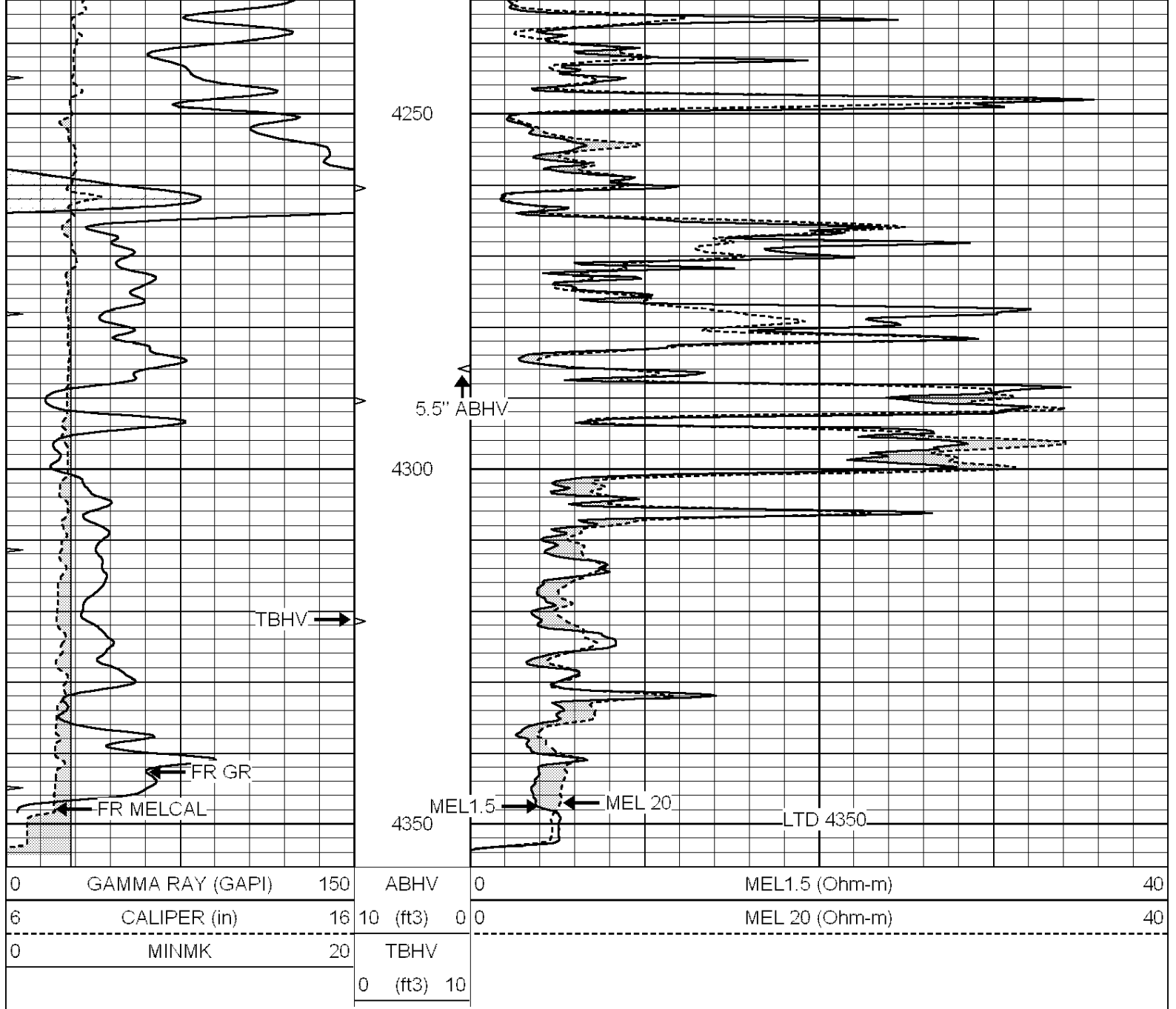
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4100

4150

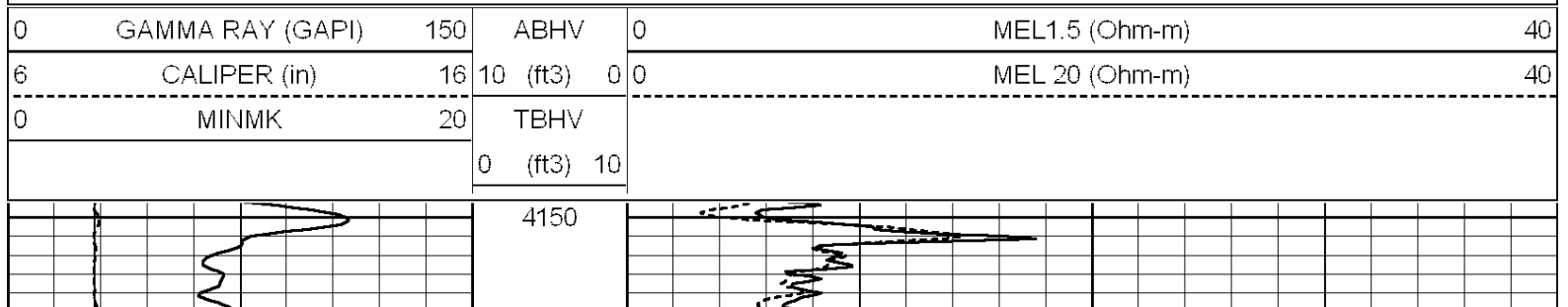
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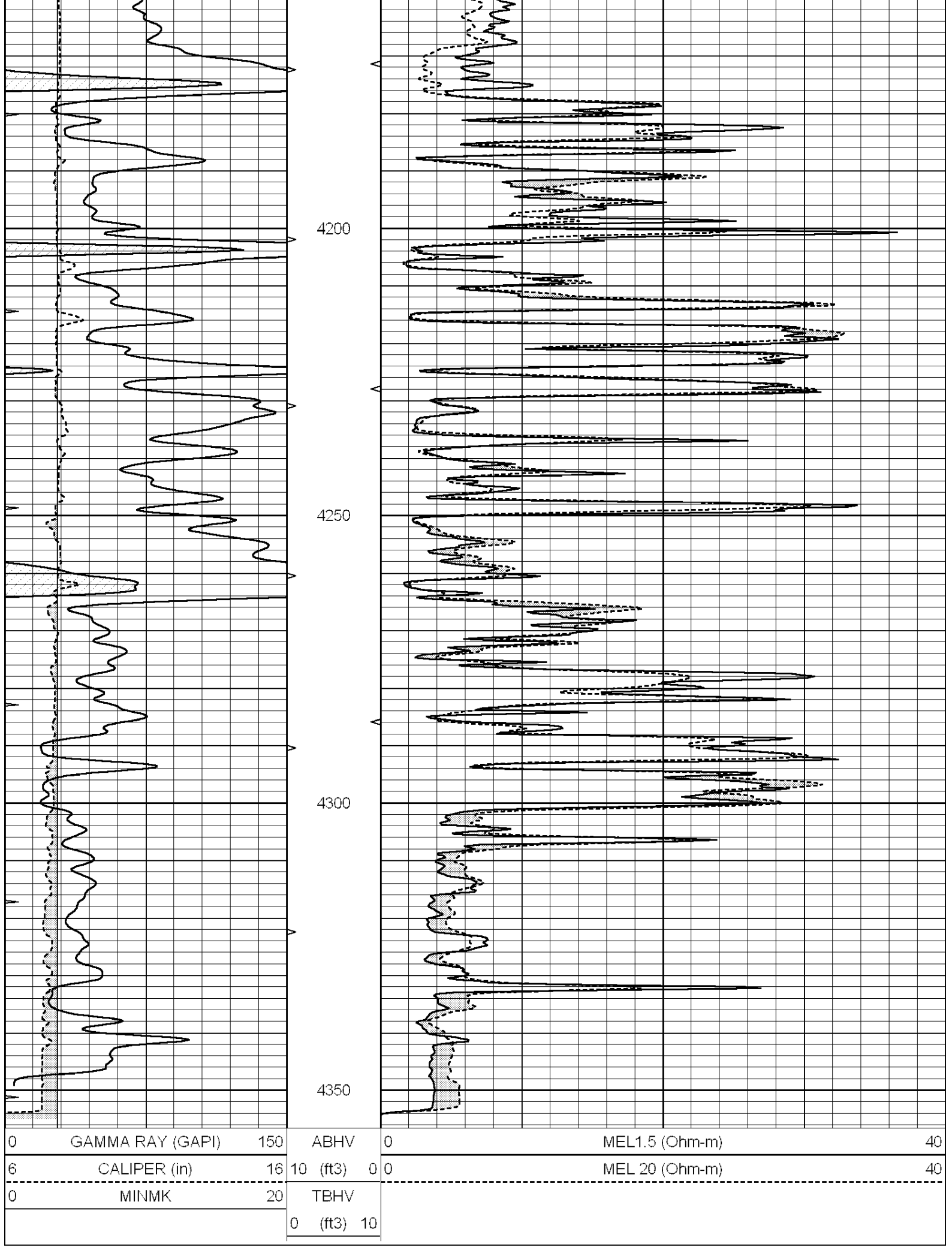




REPEAT SECTION

Database File: 2652ddn.db
 Dataset Pathname: pass8.1
 Presentation Format: micro
 Dataset Creation: Thu Jun 14 06:52:50 2018 by Calc SOC 120430
 Charted by: Depth in Feet scaled 1:240





Calibration Report

Database File: 2652ddn.db
 Dataset Pathname: pass9.1
 Dataset Creation: Thu Jun 14 06:55:02 2018 by Calc SOC 120430

MICRO Calibration Report

Serial Number: 070912
 Tool Model: ProbeN
 Performed: Sat May 26 11:49:47 2018

Caliper Calibration:	Gain=3.861	Offset=0.471
	Low Cal	High Cal
References	8.000	18.000
Readings	1.950	4.540

1.5" Calibration:	Gain=30.000	Offset=0.000
	Low Cal	High Cal
References	0.000	20.000
Readings	0.002	1.239

2" Calibration:	Gain=48.000	Offset=-0.700
	Low Cal	High Cal
References	0.000	20.000
Readings	0.003	1.075

Gamma Ray Calibration Report

Serial Number: 070559
 Tool Model: OPEN_GR
 Performed: Sat May 26 11:32:20 2018

Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	0.2600	GAPI/cps