

MICRO LOG

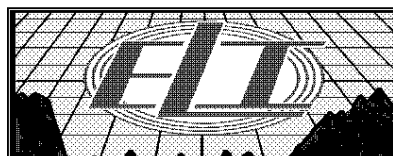
Company	L D DRILLING, INC.		
Well	#2 ARENSMAN		
Field	KRAFT - PRUSA		
County	BARTON		
State	KANSAS		
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Well	#2 ARENSMAN		
Field	KRAFT - PRUSA		
County	BARTON		
State	KANSAS		
Location:	API # : 15-009-26183-0000		Other Services CDL/CNL DIL/SON
Permanent Datum	GROUND LEVEL		Elevation
Log Measured From	330' FNL & 2310' FWL NE - NE - NW		1917
Drilling Measured From	SEC 28 TWP 16S RGE 11W		K.B. 1922 D.F. 1920 G.L. 1917
Date	9/1/17		
Run Number	TWO		
Depth Driller	3465		
Depth Logger	3464		
Bottom Logged Interval	3448		
Top Log Interval	2600		
Casing Driller	8 5/8"@413'		
Casing Logger	413		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD		
Density / Viscosity	9.4/56		
pH / Fluid Loss	10.0/9.2		
Source of Sample	FLOWLINE		
Rim @ Meas. Temp	.600@90F		
Rinf @ Meas. Temp	.450@90F		
Rmc @ Meas. Temp	.720@90F		
Source of Rinf / Rmc	MEASUREMENT		
Rim @ BHT	.486@111F		
Time Circulation Stopped	3.5 HOURS		
Time Logger on Bottom	6:30 A.M.		
Maximum Recorded Temperature	111F		
Equipment Number	922339		
Location	HAYS, KANSAS		
Recorded By	JEFF LUEBBERS		
Witnessed By	KIM SHOEMAKER		

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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

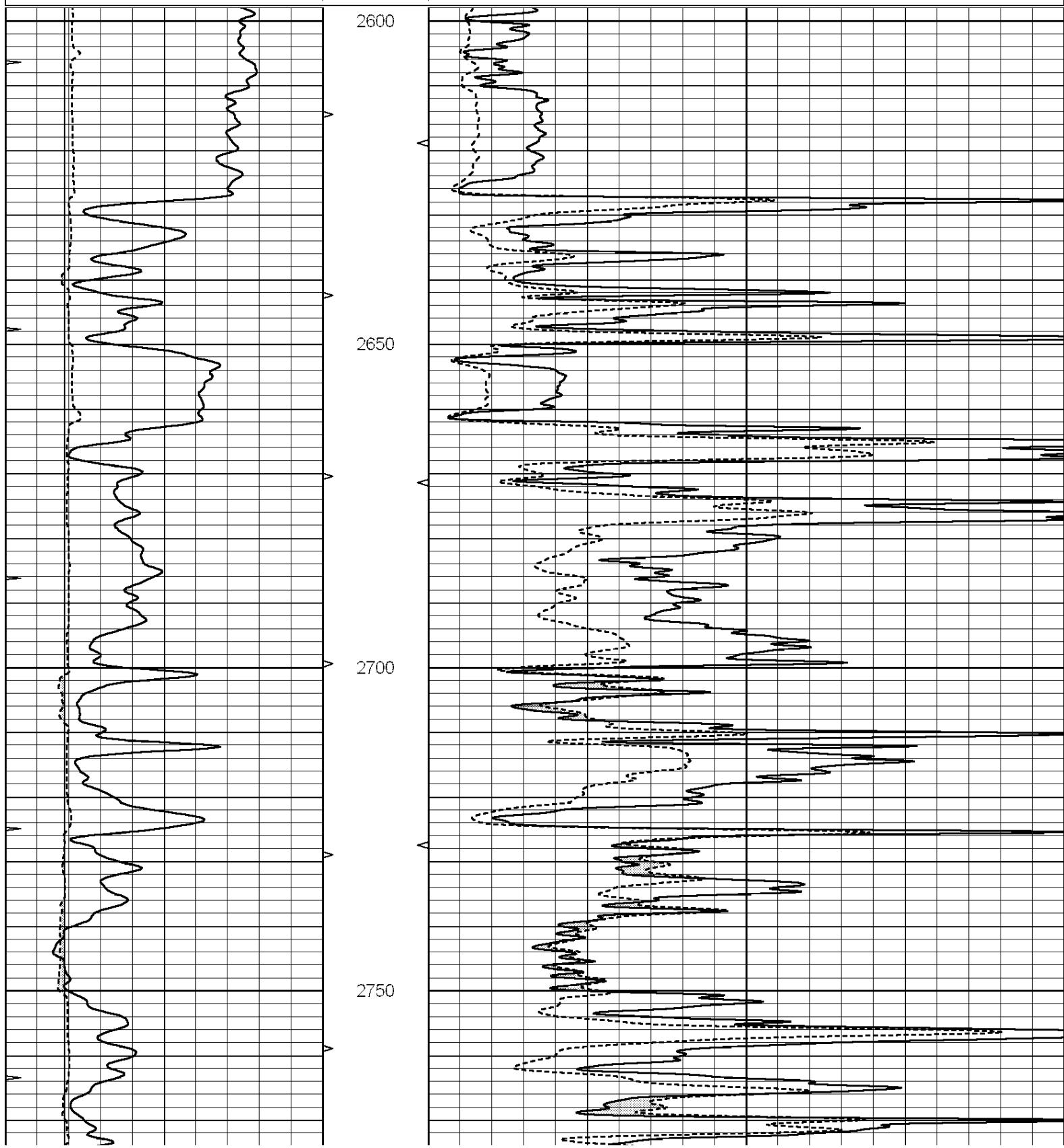
THANK YOU FOR USING ELI WIRELINE HAYS, KANSAS (785) 628-6395
DIRECTIONS
(CLAFLIN, KS.& HWY 4) 8N. ON 3RD. STREET TO "190 RD.", 1/2W., S. INTO

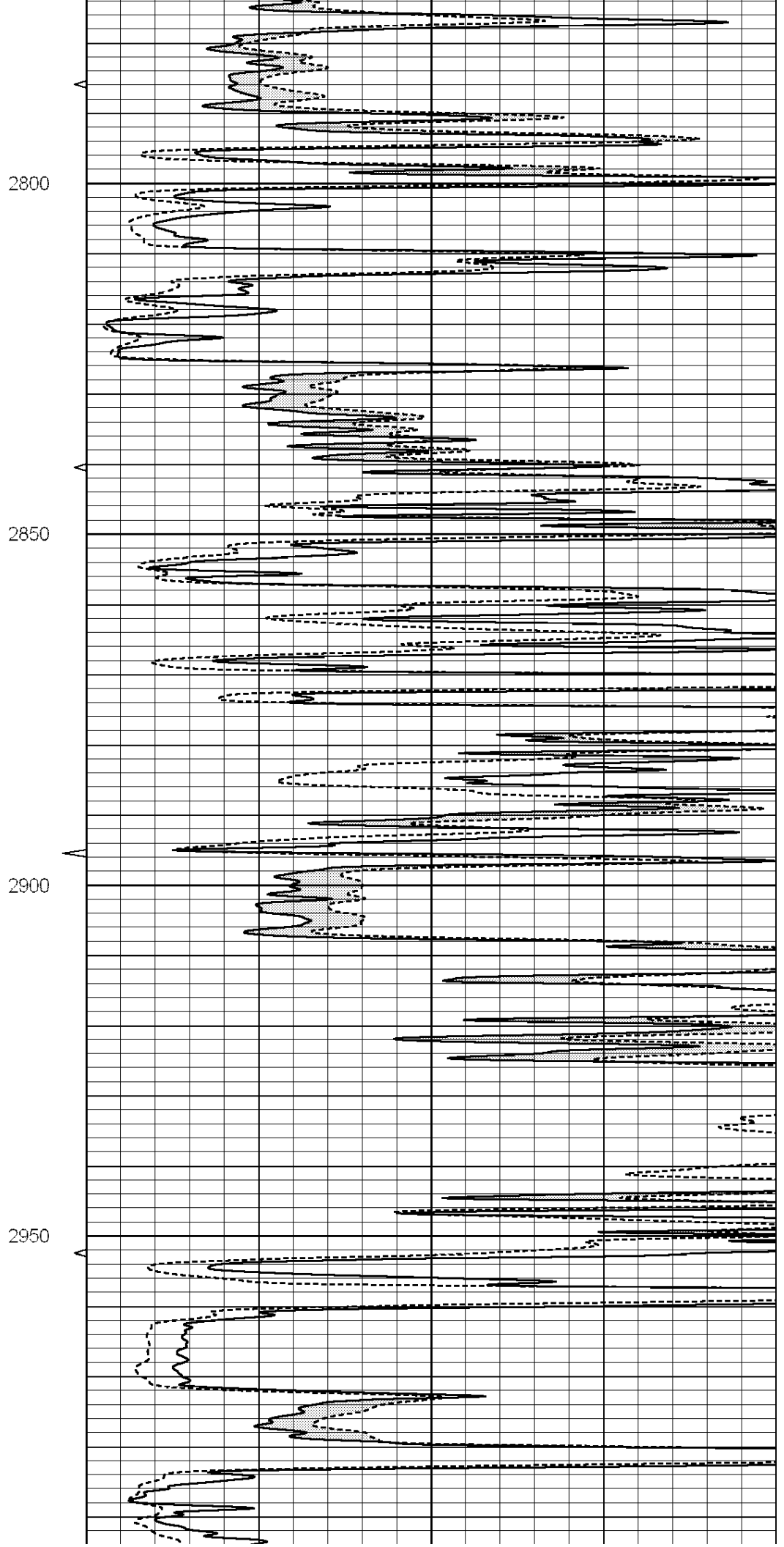
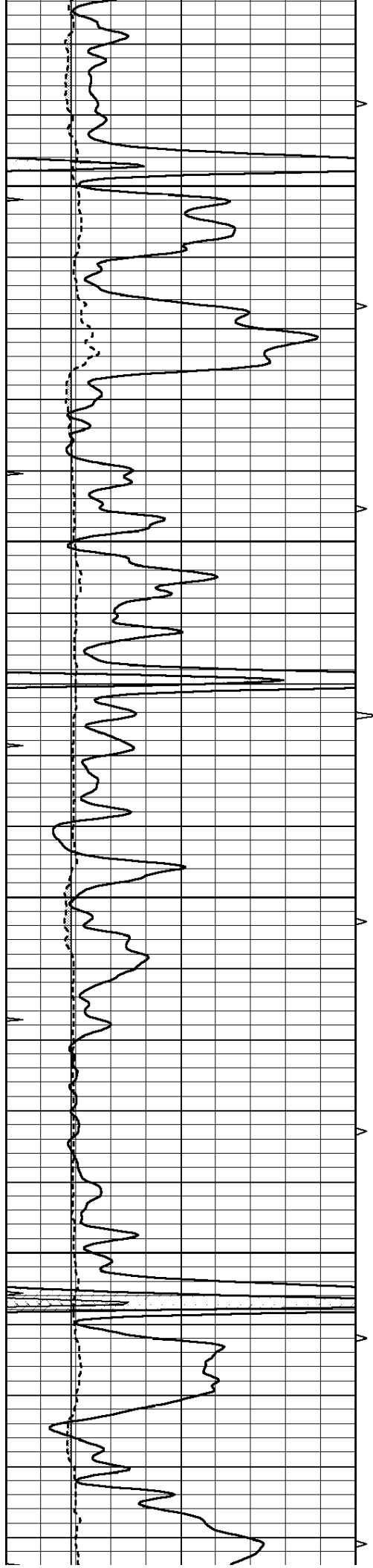


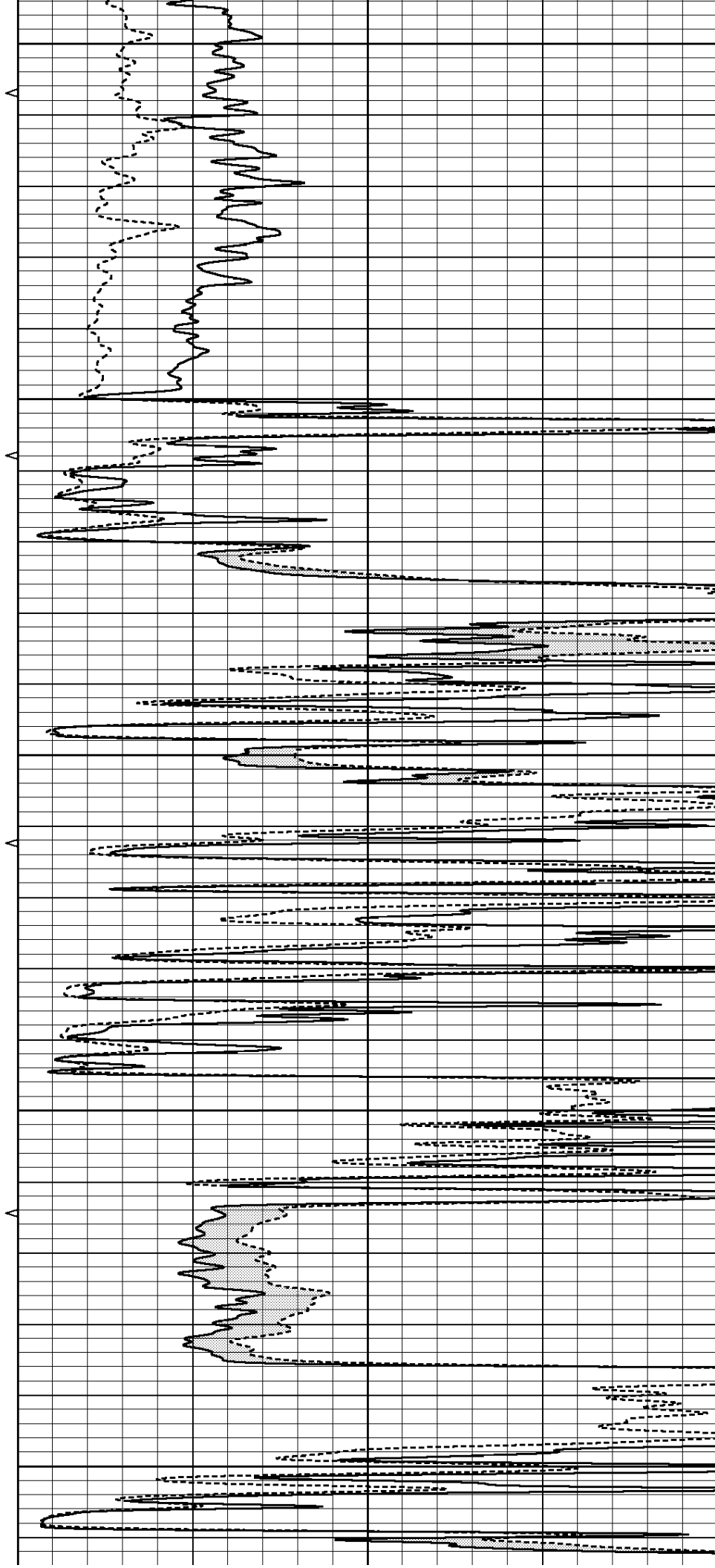
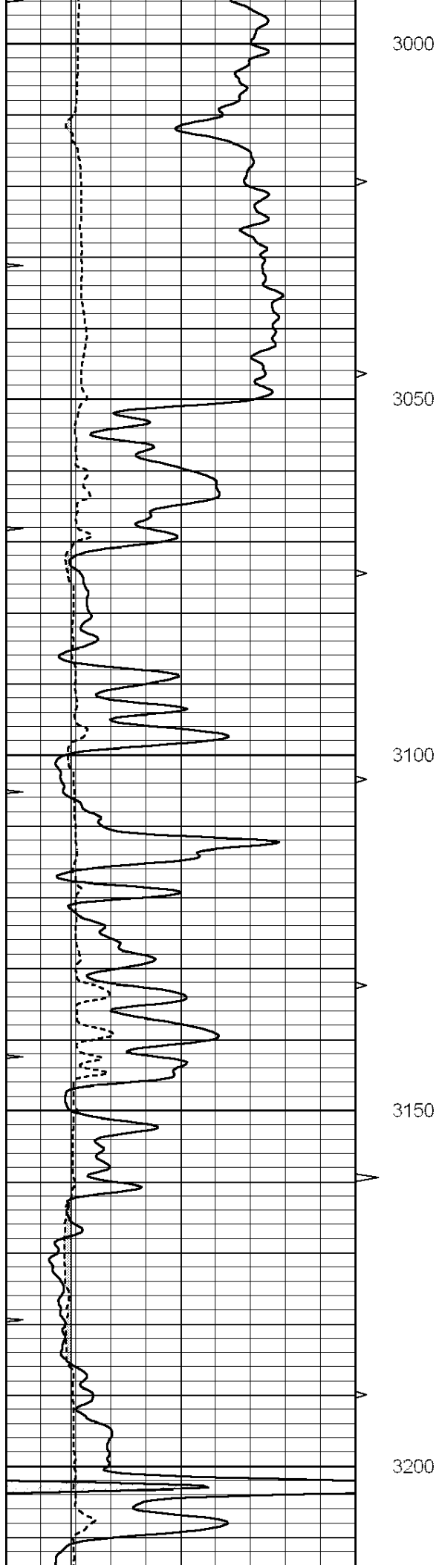
MAIN SECTION

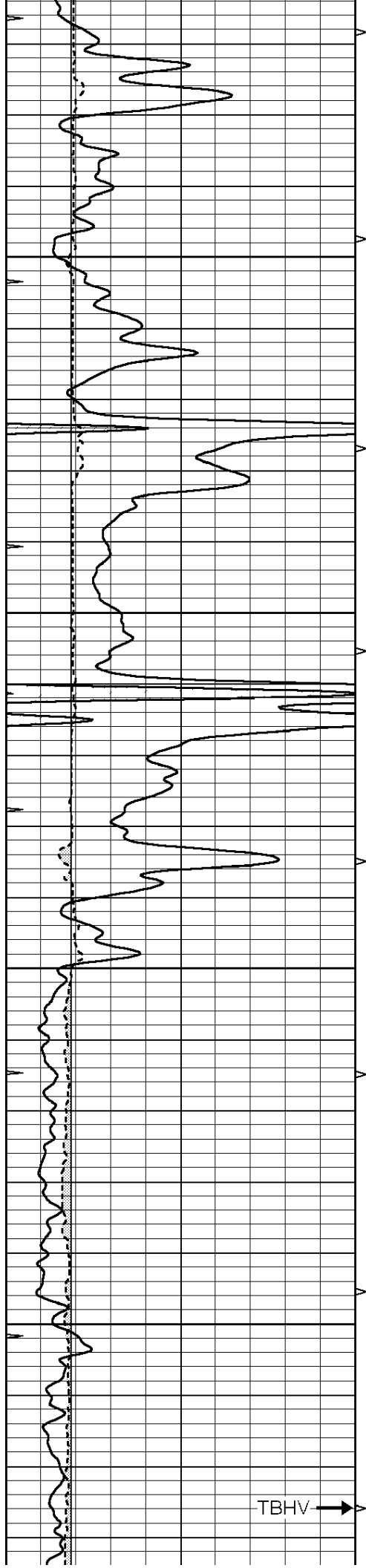
Database File: 1599ddn.db
Dataset Pathname: pass7.4
Presentation Format: micro
Dataset Creation: Fri Sep 01 07:07:52 2017
Charted by: Depth in Feet scaled 1:240

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		









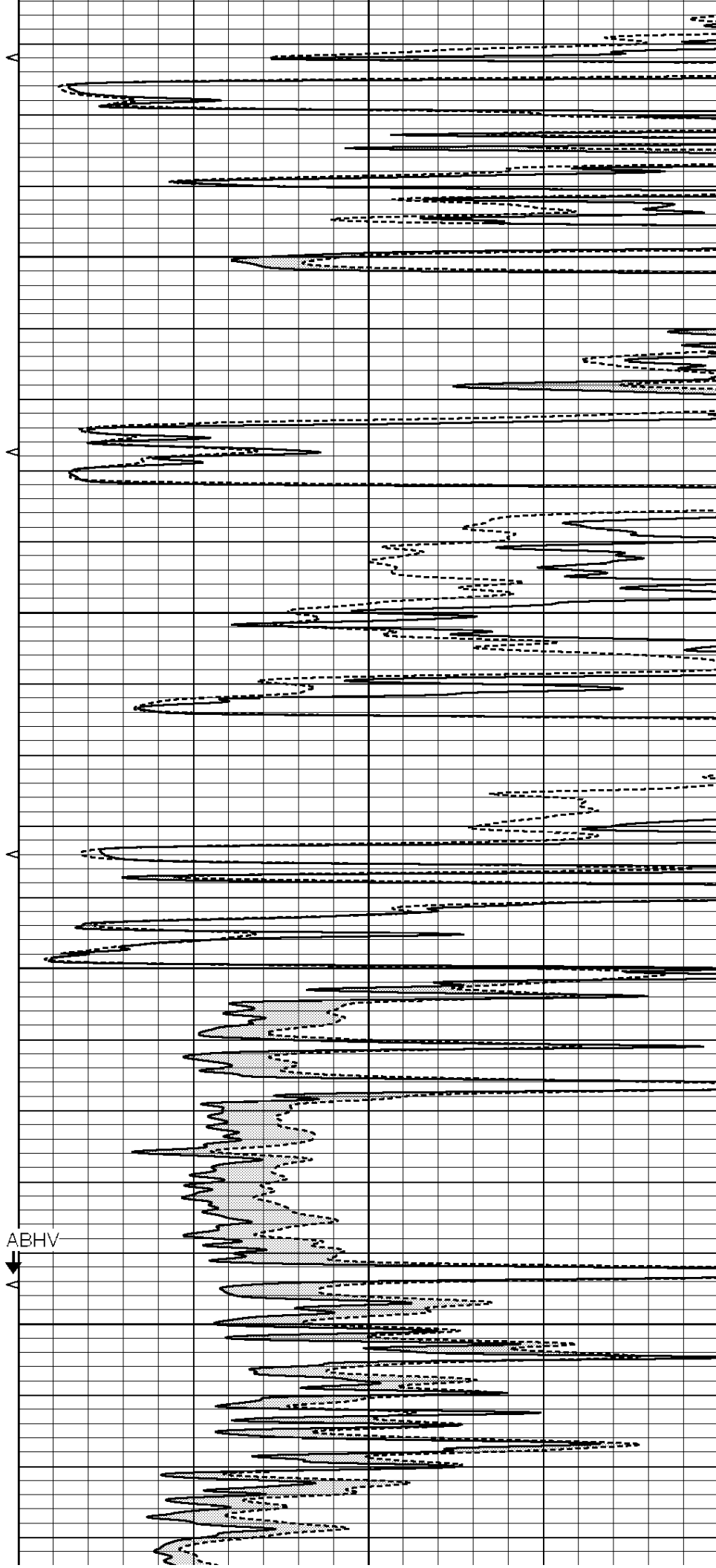
3250

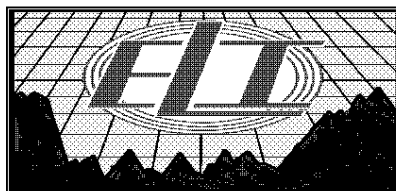
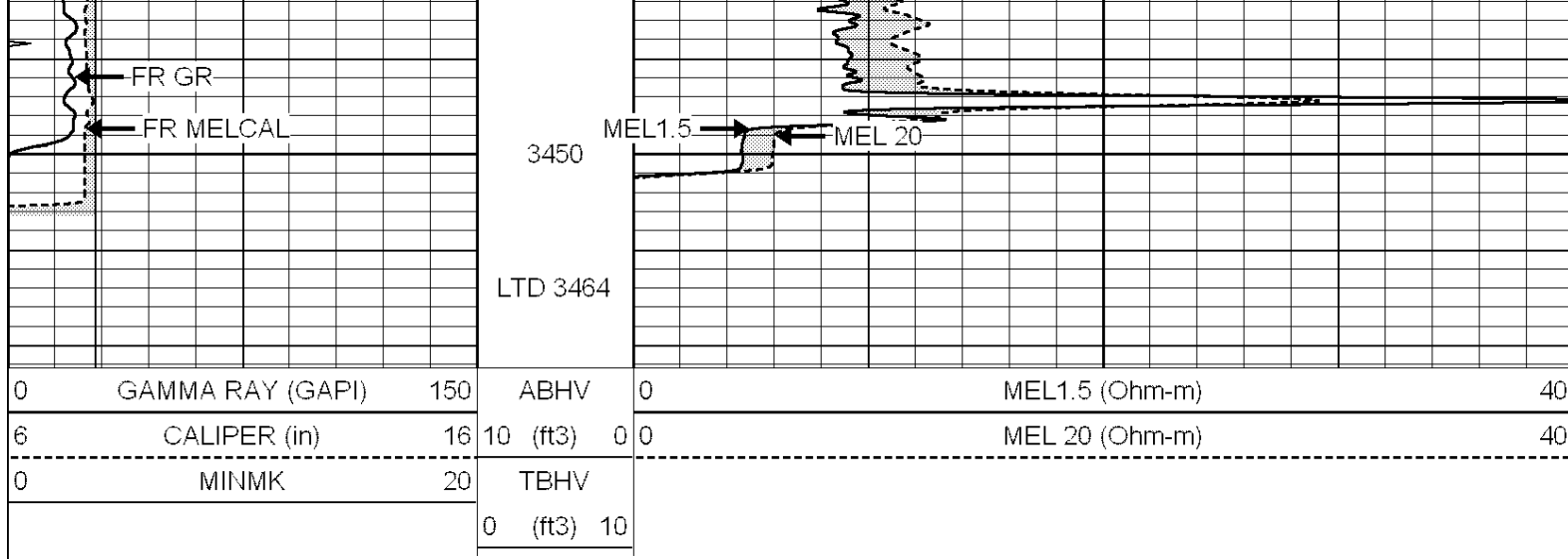
3300

3350

5.5" ABHV

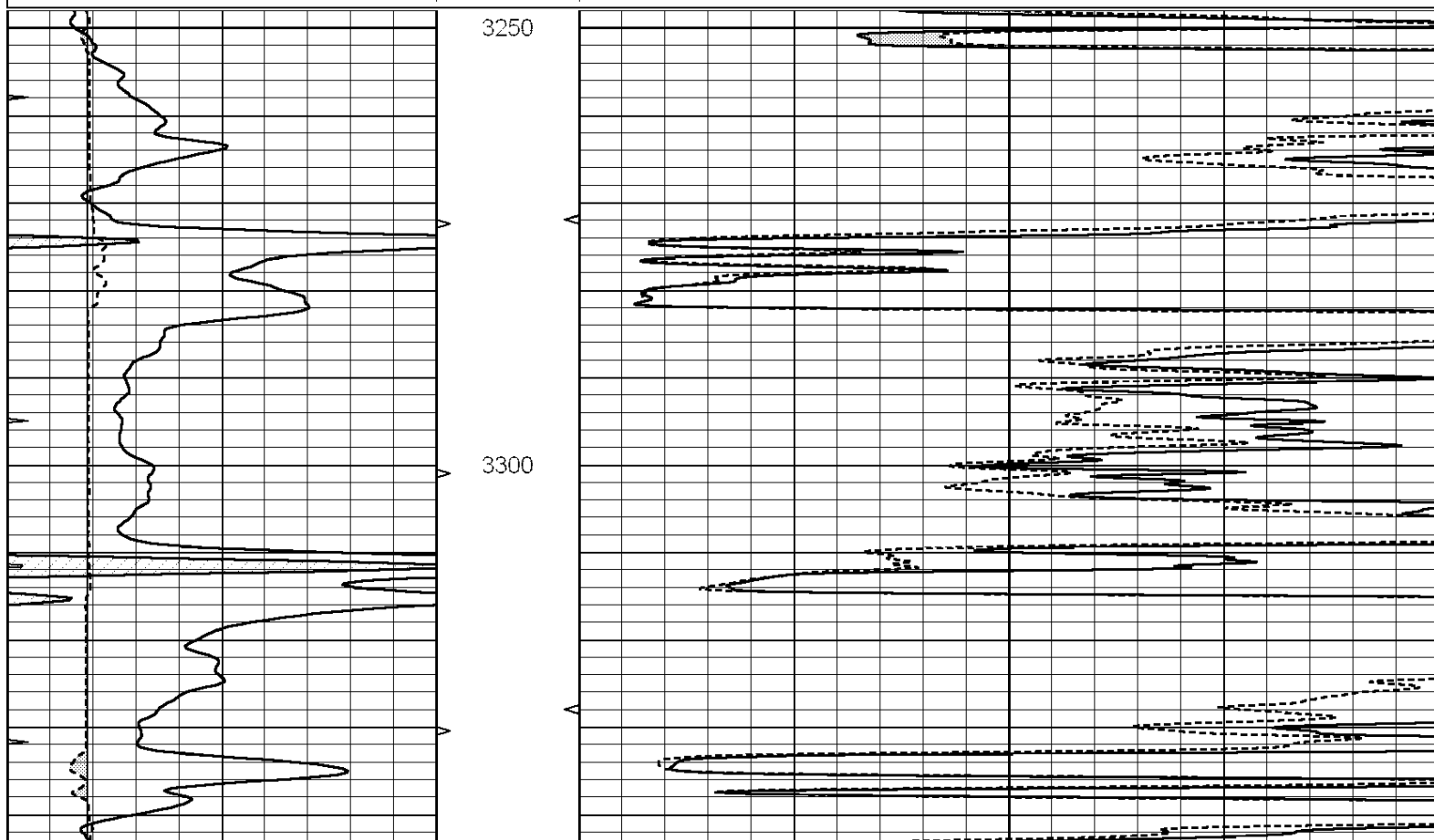
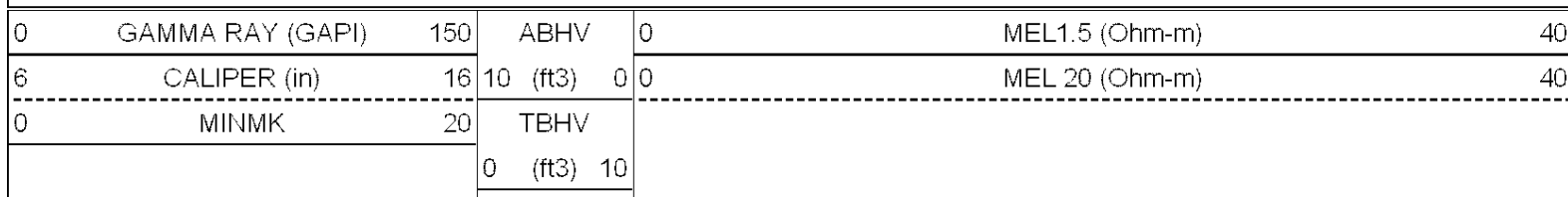
3400

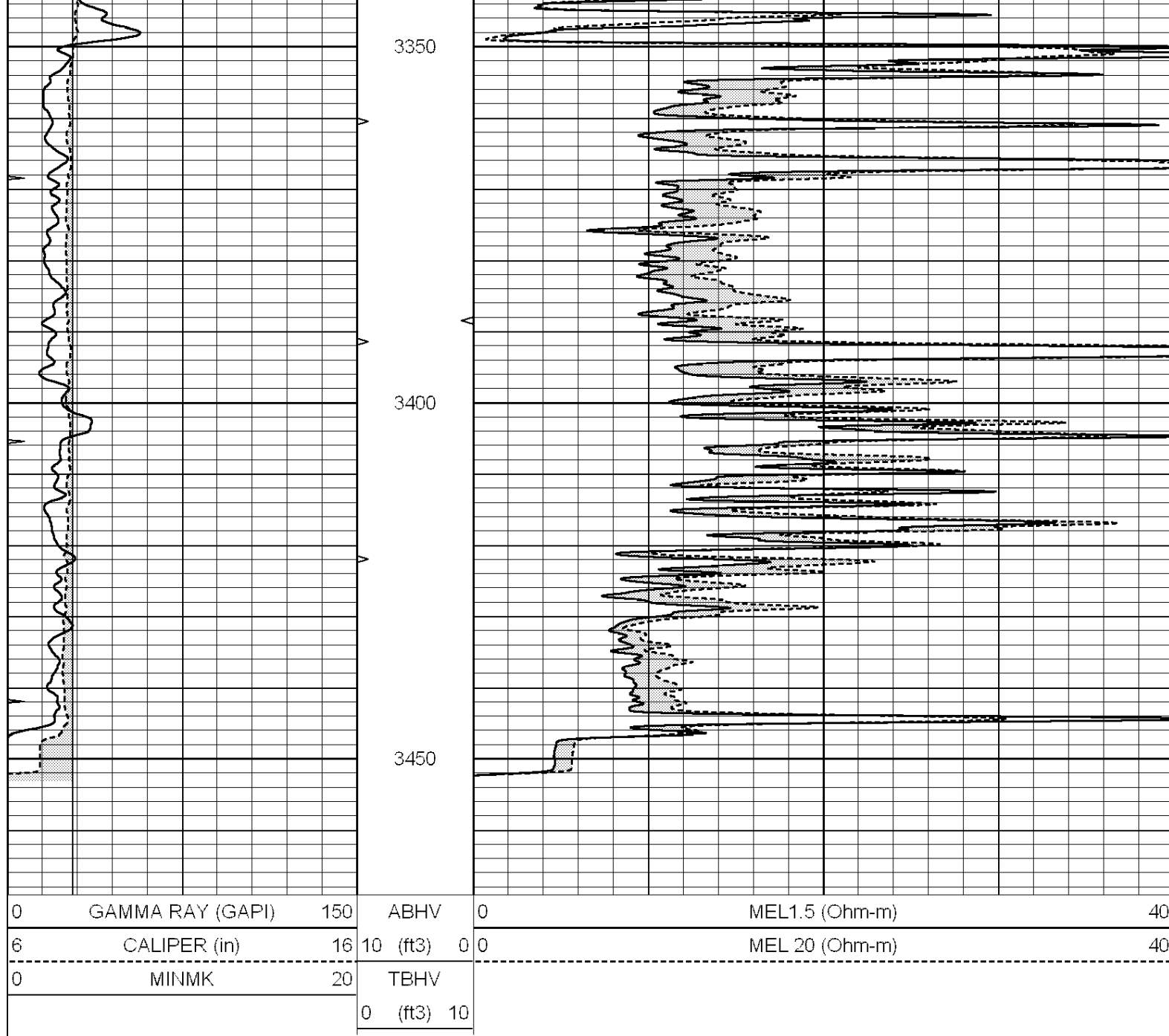




REPEAT SECTION

Database File: 1599ddn.db
 Dataset Pathname: pass6.1
 Presentation Format: micro
 Dataset Creation: Fri Sep 01 06:32:50 2017 by Calc SOC 120430
 Charted by: Depth in Feet scaled 1:240





Calibration Report

Database File: 1599ddn.db
 Dataset Pathname: pass7.4
 Dataset Creation: Fri Sep 01 07:07:52 2017

MICRO Calibration Report

Serial Number: 070911
 Tool Model: ProbeN
 Performed: Tue Aug 08 06:25:06 2017

Caliper Calibration: Gain=3.922 Offset=2.314

References	Low Cal	High Cal
Readings	8.000	18.000
	1.450	4.000

1.5" Calibration: Gain=42.000 Offset=-1.000

References	Low Cal	High Cal
	0.000	20.000

Readings	0.001	1.240
2" Calibration:	Gain=46.000	Offset=-1.000
References	Low Cal 0.000	High Cal 20.000
Readings	0.001	1.076

Gamma Ray Calibration Report

Serial Number:	110959	
Tool Model:	OPEN_GR	
Performed:	Tue Aug 08 03:45:01 2017	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	0.2200	GAPI/cps