

MICRO LOG

Company	L.D. DRILLING, INC.	Company	L.D. DRILLING, INC.
Well	TERRY #1-24	Well	TERRY #1-24
Field	WILDCAT	Field	WILDCAT
County	ROOKS	County	ROOKS
State	KANSAS	State	KANSAS
Location:	API # : 15-163-24386-00-00	Other Services	CDL/CNL/DIL
	2310' FNL & 360' FWL		
	SEC 24 TWP 6S RGE 18W		
Permanent Datum	GROUND LEVEL	Elevation	1983
Log Measured From	KELLY BUSHING 5' A.G.L.	K.B. 1988	
Drilling Measured From	KELLY BUSHING	D.F. 1986	
		G.L. 1983	
Date	04/04/19		
Run Number	ONE		
Depth Driller	3610		
Depth Logger	3608		
Bottom Logged Interval	3607		
Top Log Interval	2800		
Casing Driller	8 5/8" @ 257		
Casing Logger	257		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD		
Density / Viscosity	9.2/52		
pH / Fluid Loss	10.0/7.6		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	.80@65		
Rmt @ Meas. Temp	.60@65		
Rmc @ Meas. Temp	.96@65		
Source of Rmt / Rmc	MEASURED		
Rm @ BHT	.46@112		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom	///		
Maximum Recorded Temperature	112F		
Equipment Number	4010		
Location	HAYS, KANSAS		
Recorded By	GUS PFANENSTIEL		
Witnessed By	KIM SHOEMAKER		

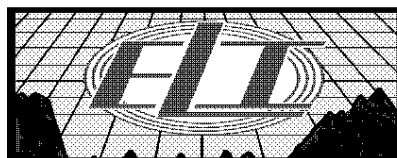
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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on 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, KS. (785) 628-6395

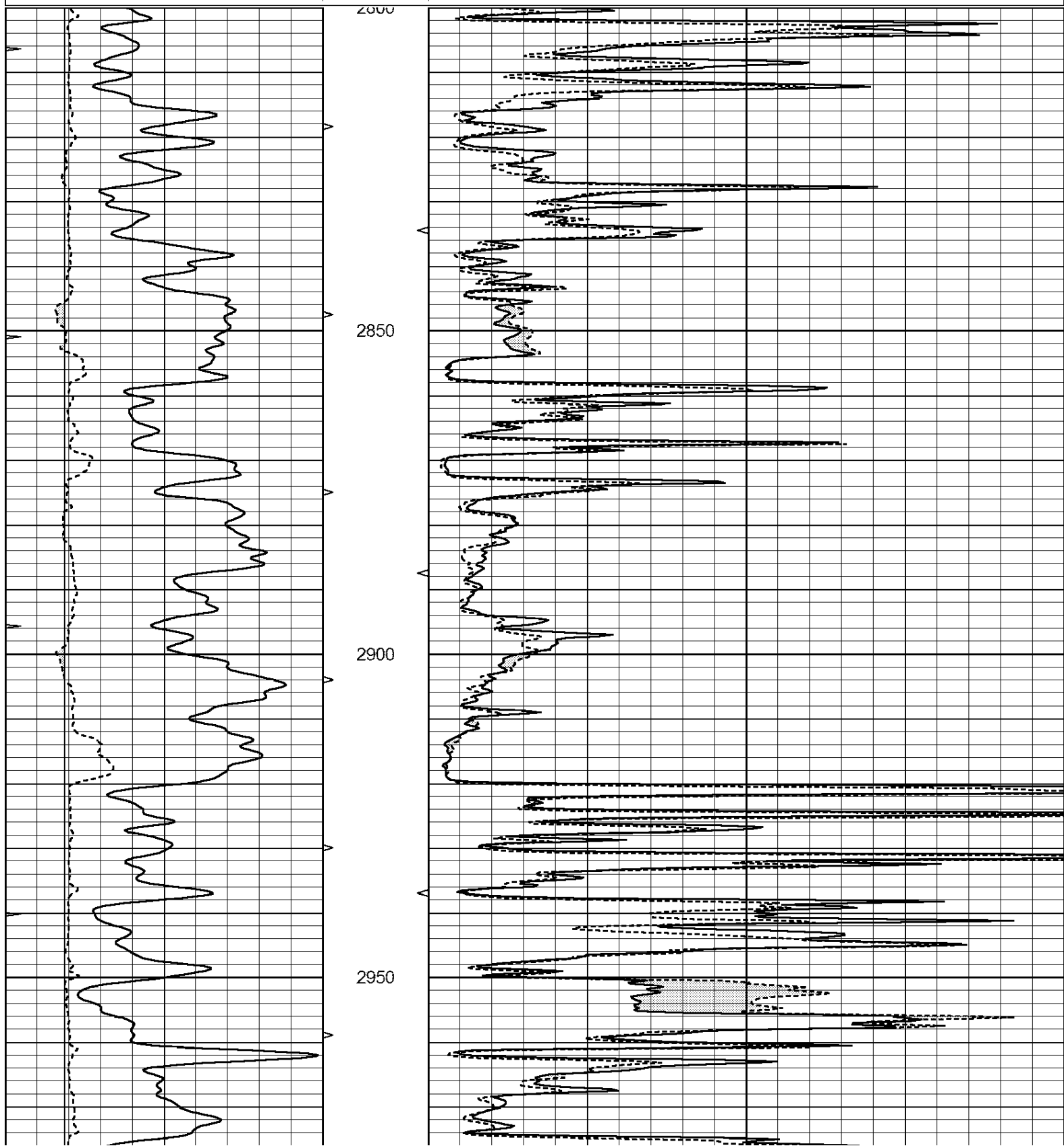
DIRECTIONS
STOCKTON NORTH 5 MILES, EAST INTO.

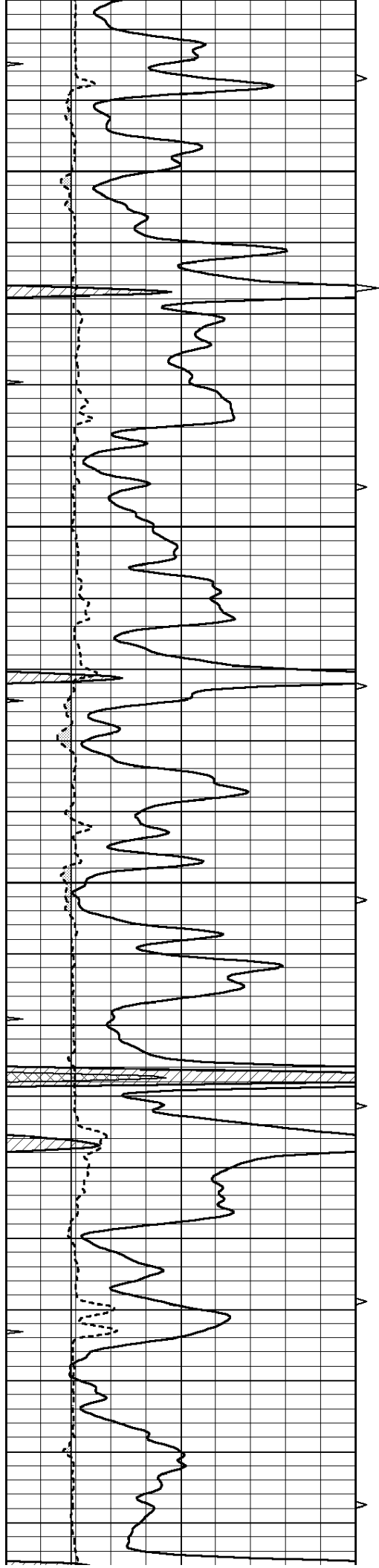


MAIN PASS

Database File: 3493ddn.db
 Dataset Pathname: pass5MAIN
 Presentation Format: _micro
 Dataset Creation: Thu Apr 04 15:53:42 2019
 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	MEL2.0 (Ohm-m)	40
0	MINMK	20	TBHV			
			0 (ft3)	10		



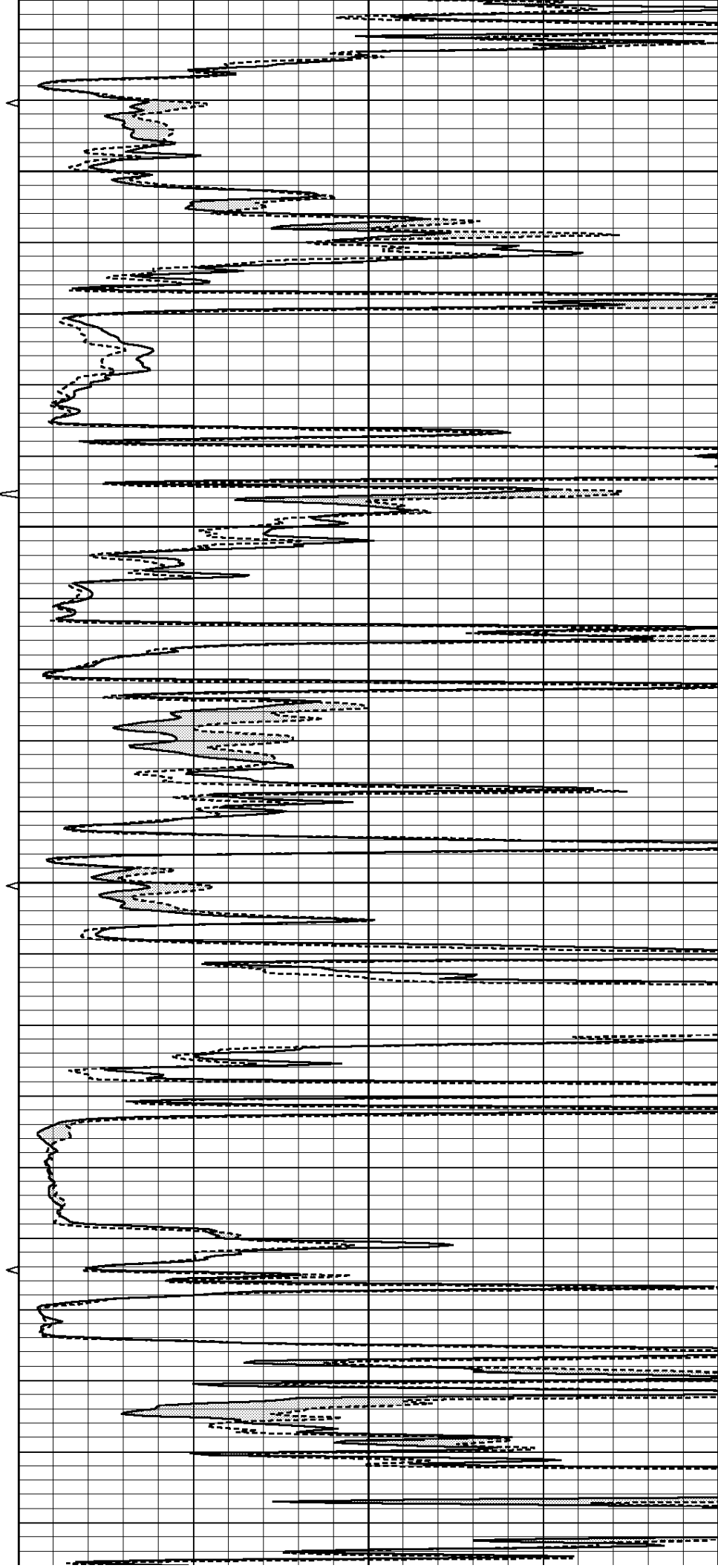


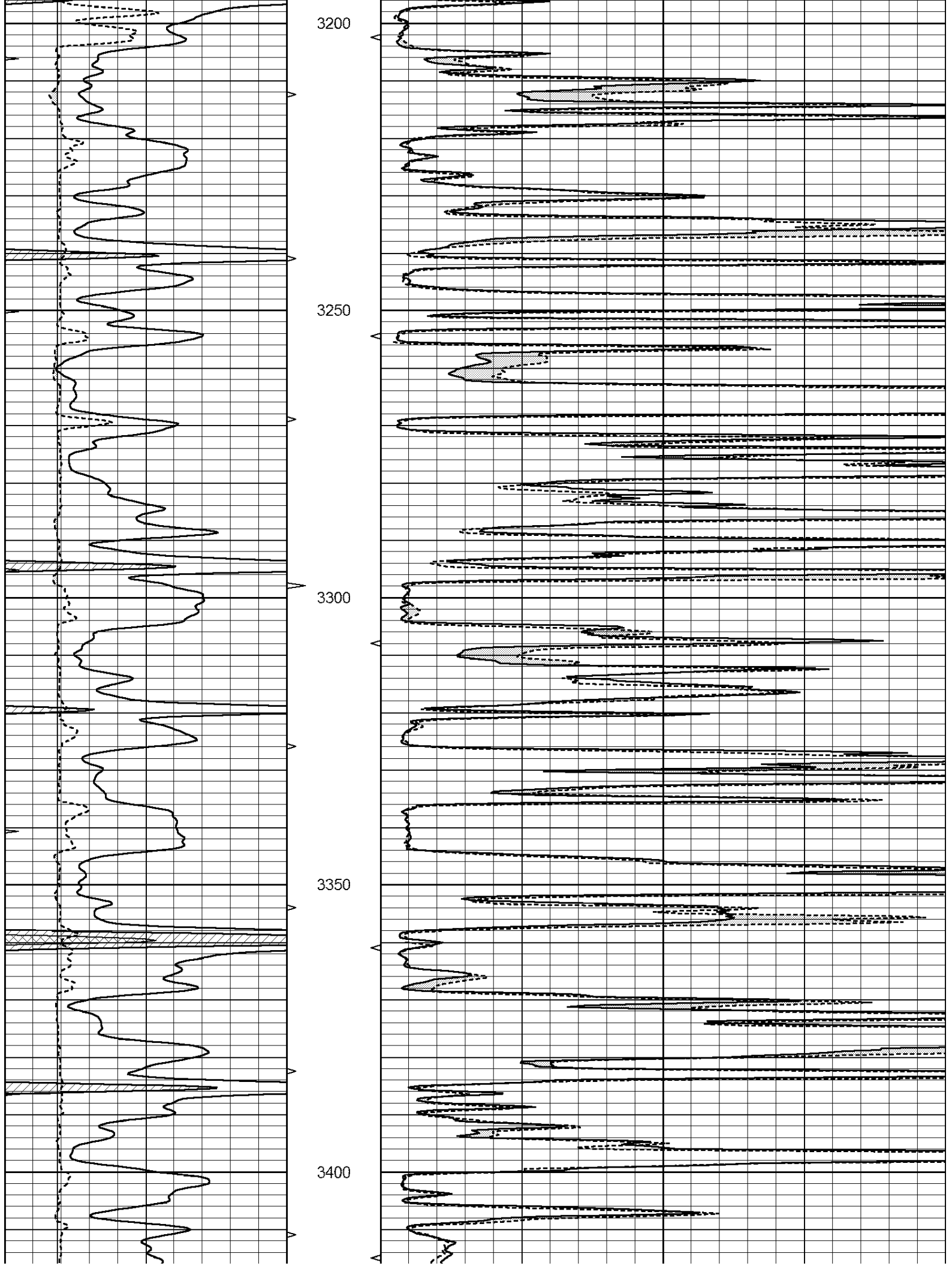
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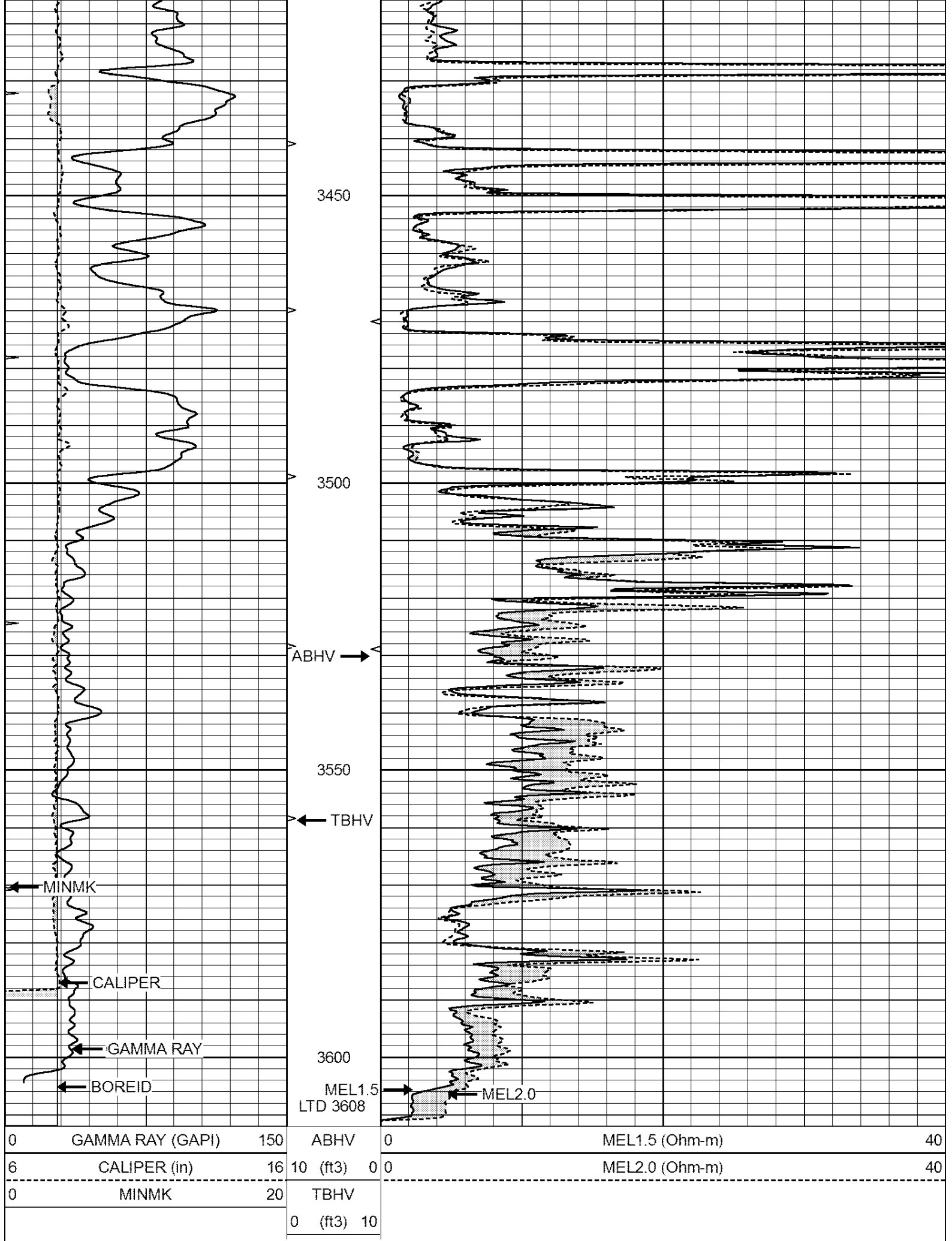
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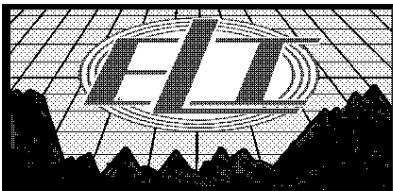
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3150





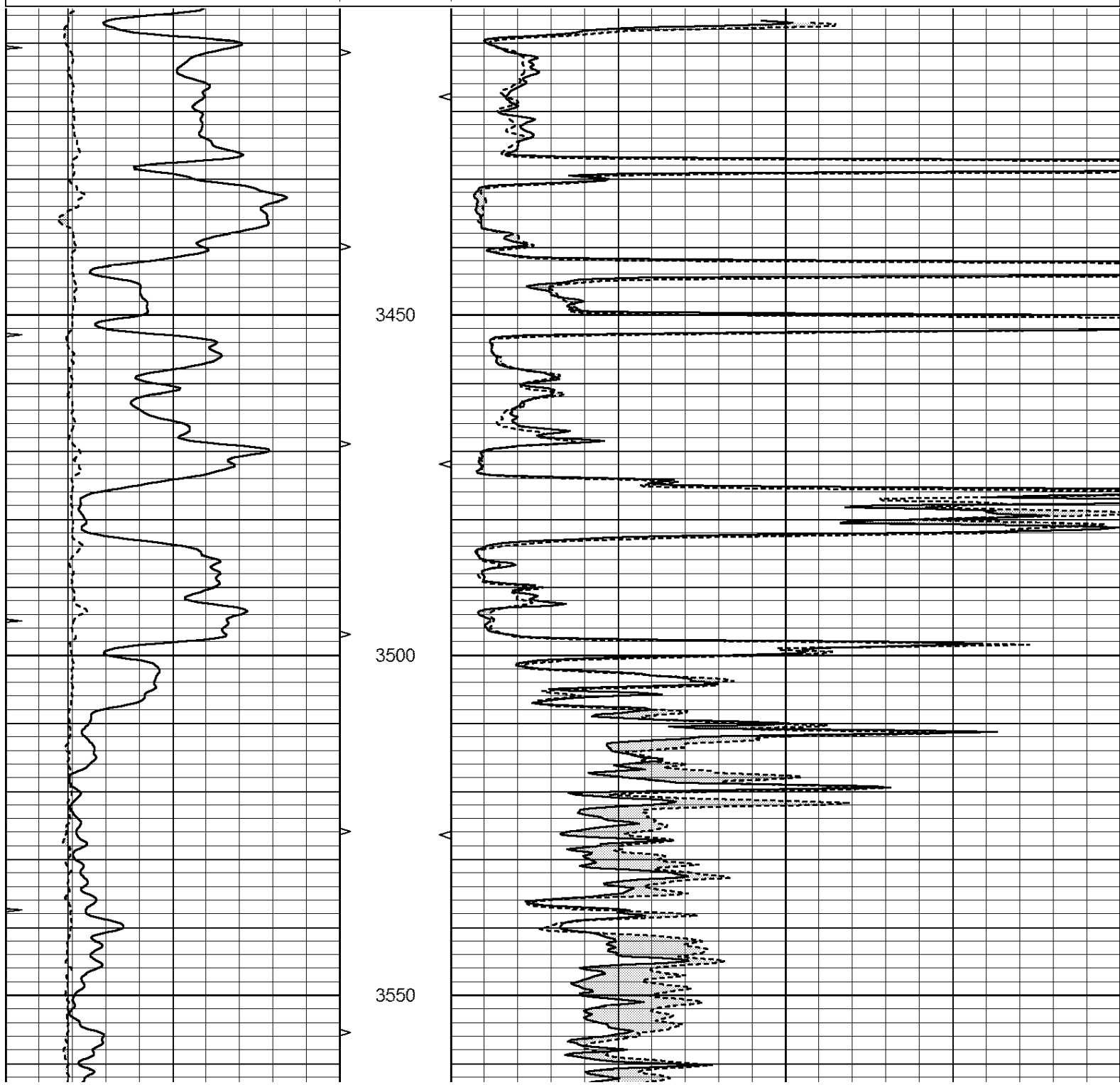


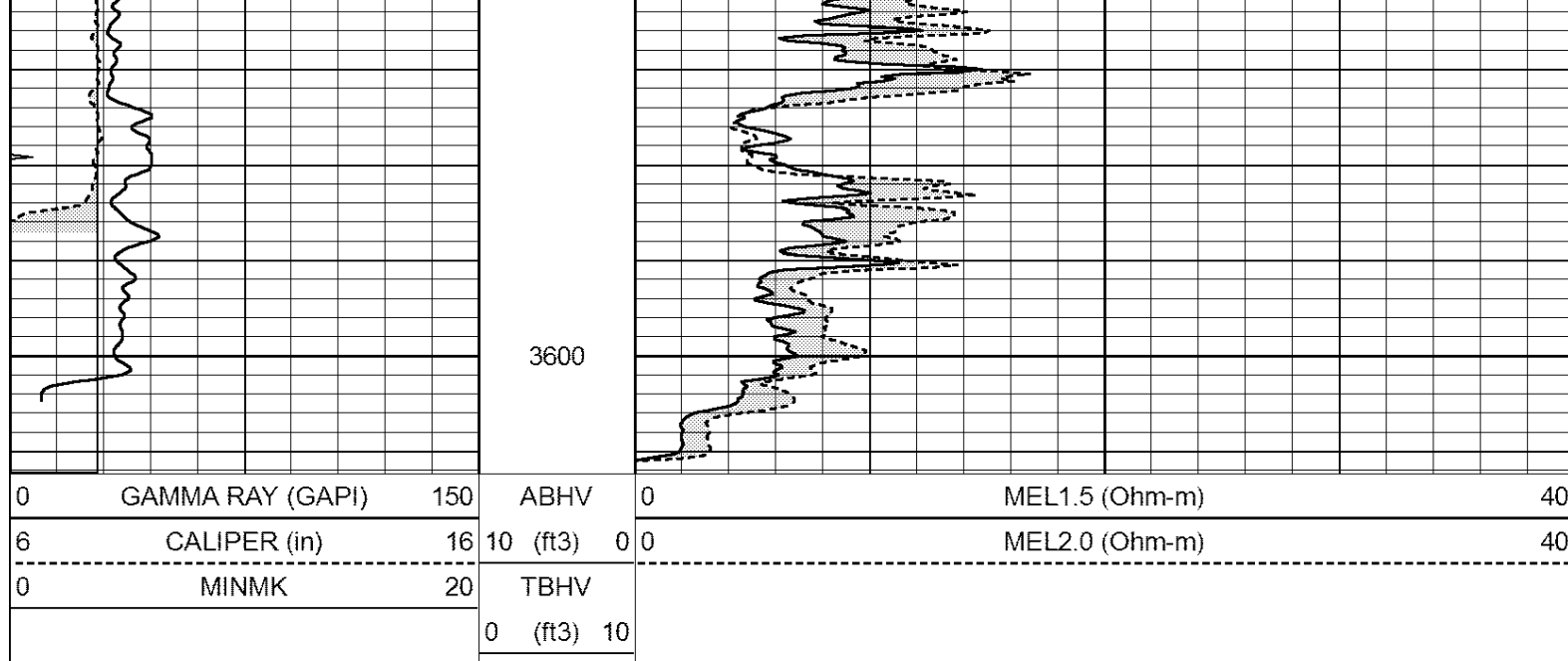


REPEAT SECTION

Database File: 3493ddn.db
Dataset Pathname: pass4.1
Presentation Format: _micro
Dataset Creation: Thu Apr 04 15:38:58 2019
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	MEL2.0 (Ohm-m)	40
0	MINMK	20	TBHV			
			0 (ft3)	10		





Calibration Report

Database File: 3493ddn.db
Dataset Pathname: pass4.1
Dataset Creation: Thu Apr 04 15:38:58 2019

MICRO Calibration Report

Serial Number: MICRO3
Tool Model: PROBE
Performed: Sat Feb 23 04:08:48 2019

Caliper Calibration: Gain=5.761 Offset=-23.102

References	Low Cal	High Cal
Readings	7.000	14.000
	5.339	6.500

1.5" Calibration: Gain=77.606 Offset=-0.120

References	Low Cal	High Cal
Readings	0.000	20.000
	0.001	0.230

2" Calibration: Gain=118.028 Offset=-1.176

References	Low Cal	High Cal
Readings	0.000	20.000
	0.018	0.188

Gamma Ray Calibration Report

Serial Number: GR5
Tool Model: OPEN
Performed: Wed Feb 27 04:44:36 2019

Calibrator Value: 1.0 GAPI

Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps

Sensitivity: 0.5600 GAPI/cps