



NABORS

**COMPLETION
& PRODUCTION
SERVICES CO.**

MICRO LOG

Company	RAYMOND OIL COMPANY, INC.		
Well	#1 BIGGS		
Field	WILDCAT		
County	THOMAS	State	KANSAS
Location:	AP1 #: 15-193-20954-0000 1613' FNL & 1765' FWL		Other Services CDL/CNL DIL
Permanent Datum	SEC 36 TWP 6S RGE 36W	GROUND LEVEL	Elevation 3282
Log Measured From	KELLY BUSHING 5' A.G.L.		K.B. 3287
Drilling Measured From	KELLY BUSHING		D.F. 3285 G.L. 3282
Date	7/22/15		
Run Number	TWO		
Depth Driller	4840		
Depth Logger	4844		
Bottom Logged Interval	4842		
Top Log Interval	3500		
Casing Driller	8 5/8" @ 303'		
Casing Logger	302		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 4000 PPM	
Density / Viscosity	9.3/57		
pH / Fluid Loss	10.0/9.6		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	1.0 @ 93F		
Rmt @ Meas. Temp	.75 @ 93F		
Rmc @ Meas. Temp	1.2 @ 93F		
Source of Rmt / Rmc	MEASUREMENT		
Rm @ BHT	.75 @ 124F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom			
Maximum Recorded Temperature	124F		
Equipment Number	4010		
Location	HAYS, KANSAS		
Recorded By	JASON CAPPELLUCCI		
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 NABORS, HAYS, KS. (785) 628-6395
DIRECTIONS:
LEVANT, KS. - 9 NORTH TO Z RD. - 4 1/2 WEST - SOUTH INTO



NABORS

**COMPLETION
& PRODUCTION**

MAIN SECTION

Database File:

30510ddn.db

Dataset Pathname:

pass6.1

Presentation Format:

_micro

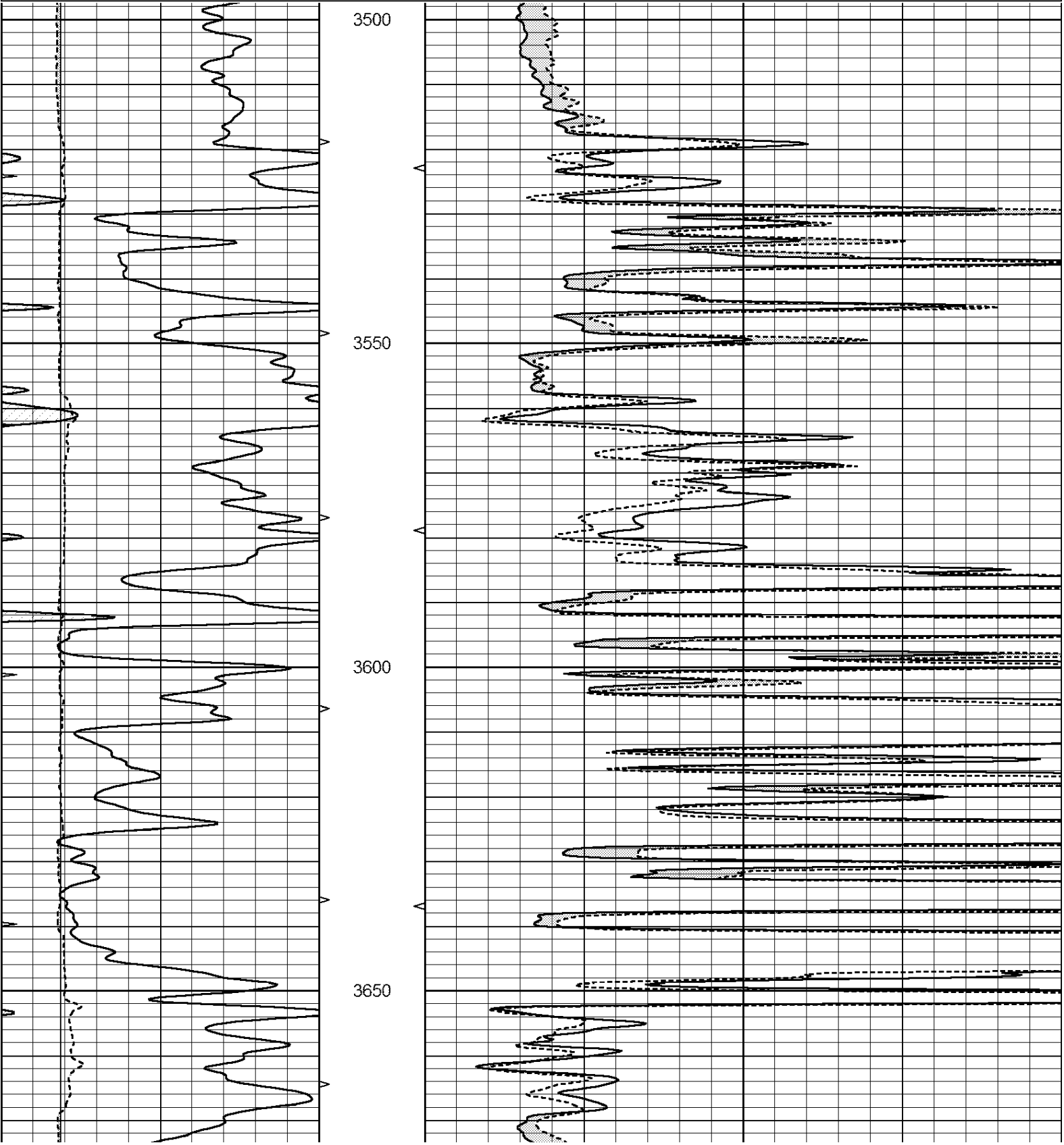
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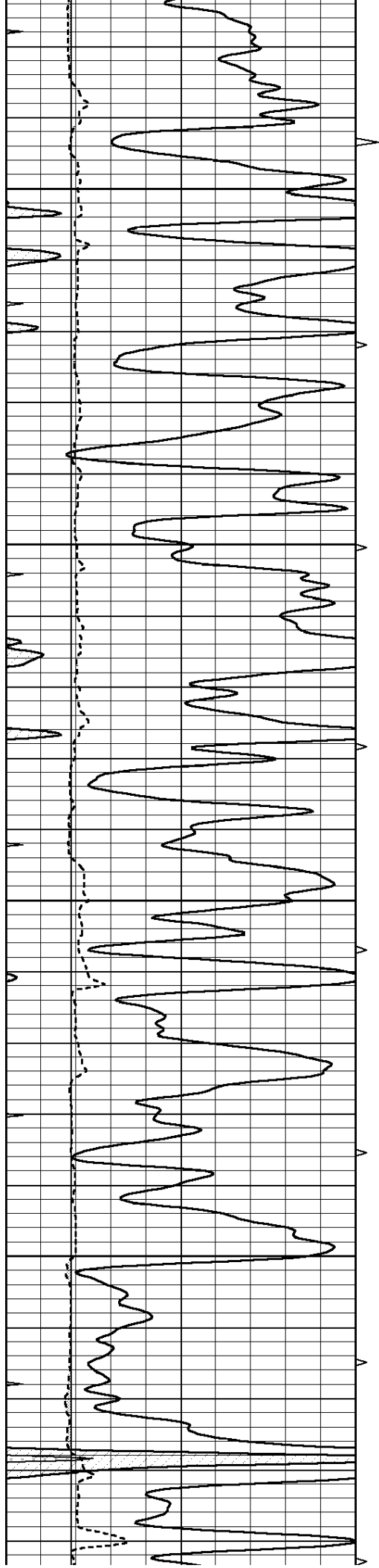
Wed Jul 22 05:52:00 2015 by Calc Open-Cased 090629

Charted by:

Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	ABHV	0	MEL1.5 (Ohm-m)	20
6	CALIPER (in)	16	10 (ft3)	0	MEL2.0 (Ohm-m)	20
0	MINMK	20	TBHV			
			0 (ft3)	10		



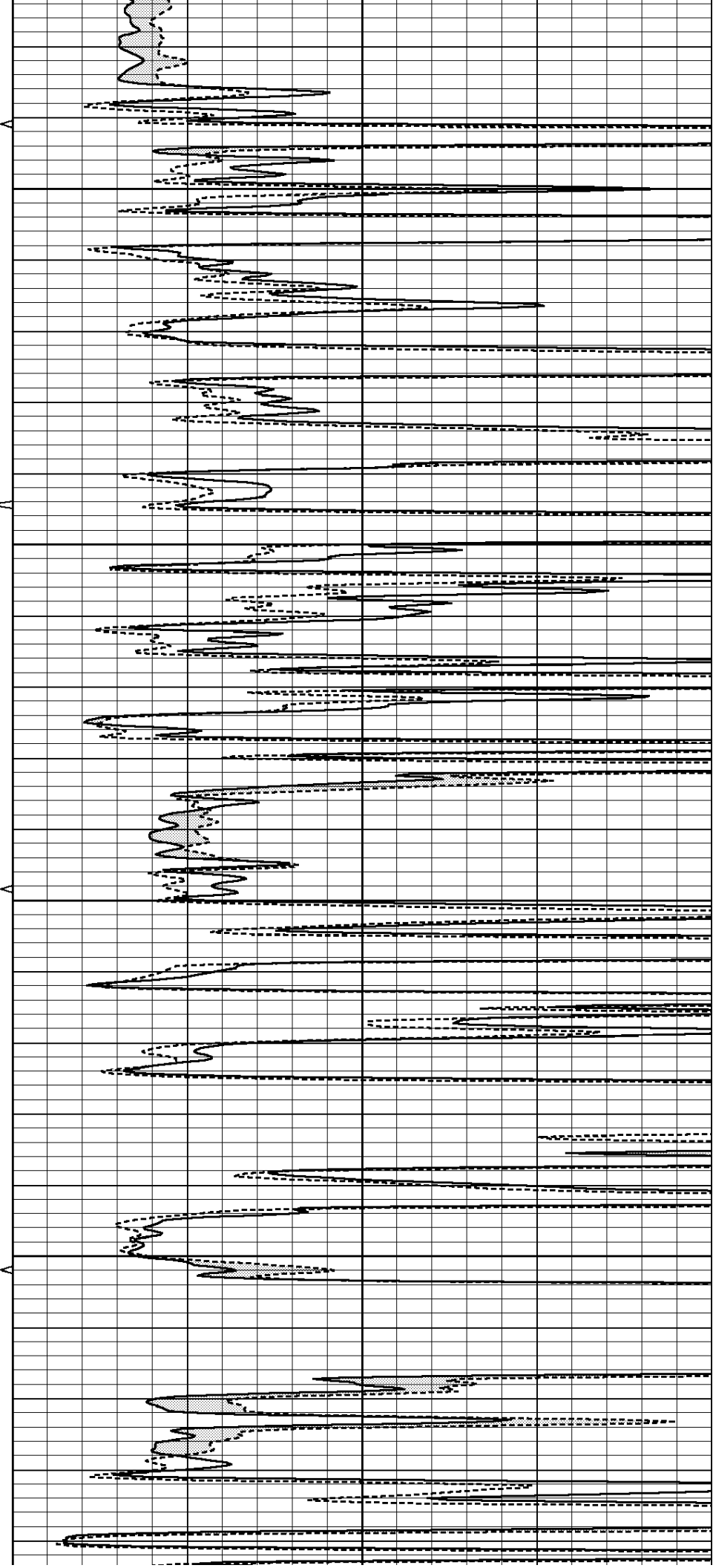


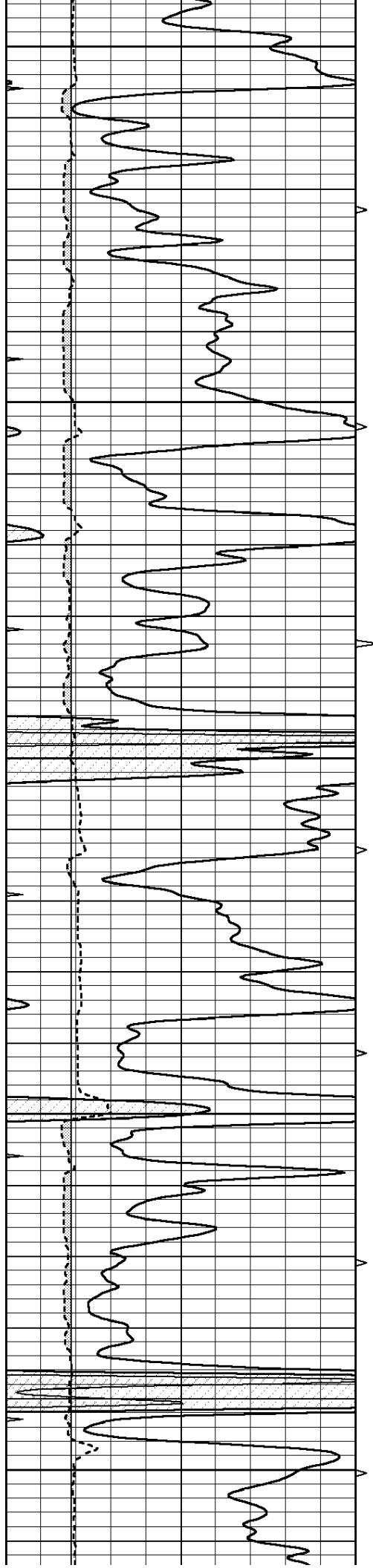
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3750

3800

3850





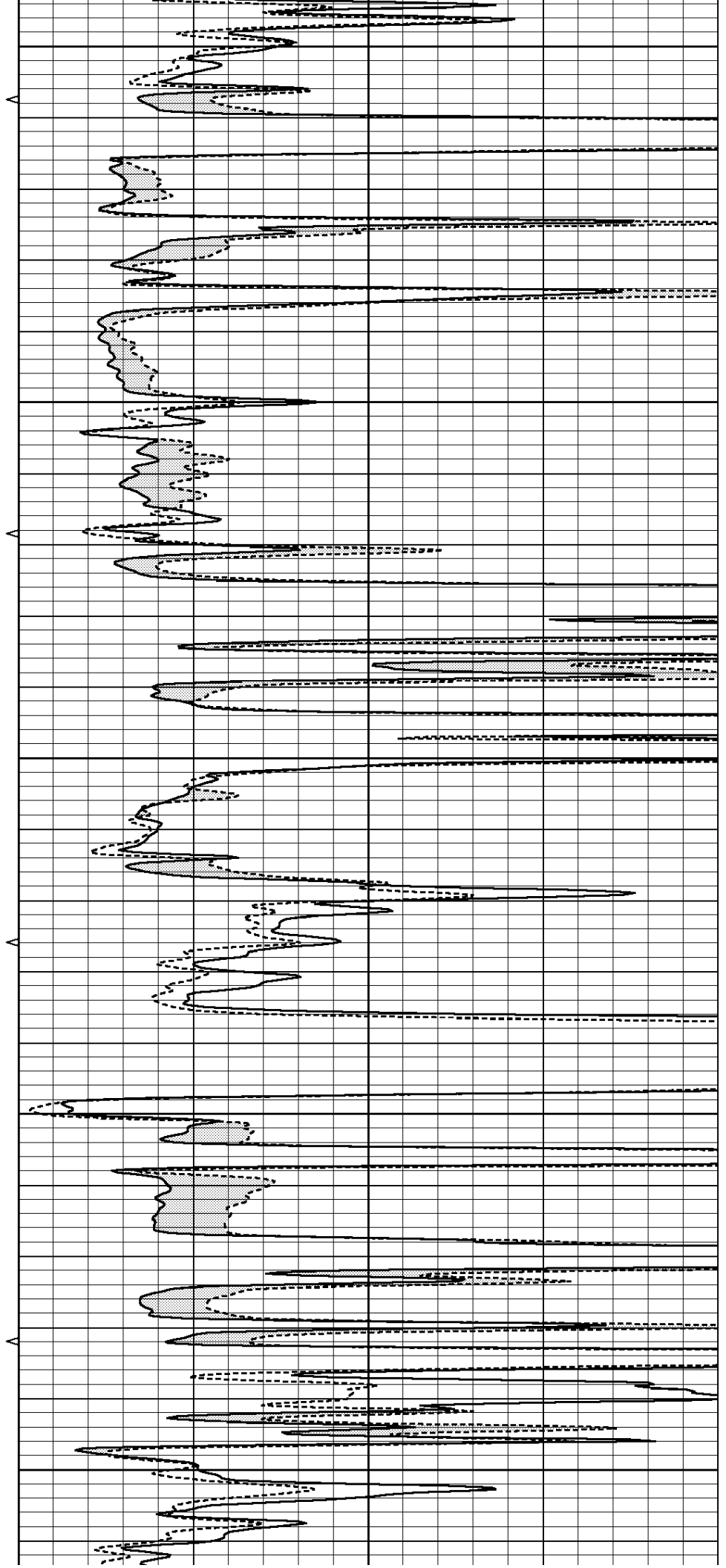
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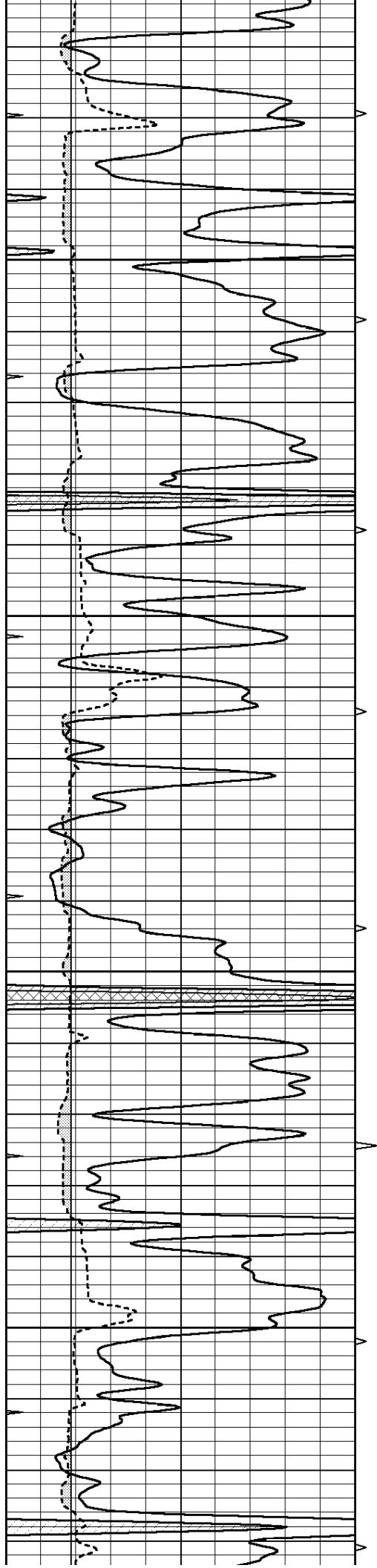
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4000

4050

4100



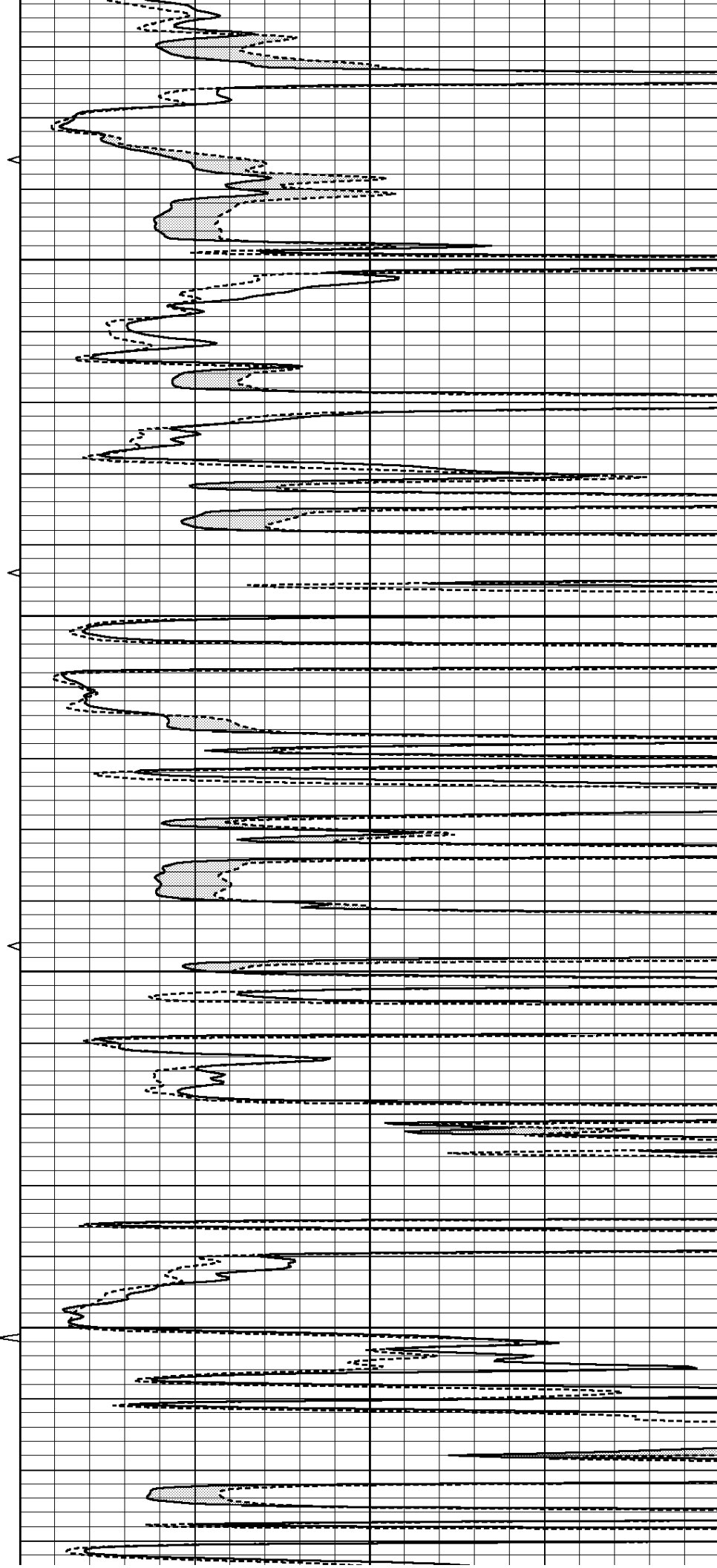


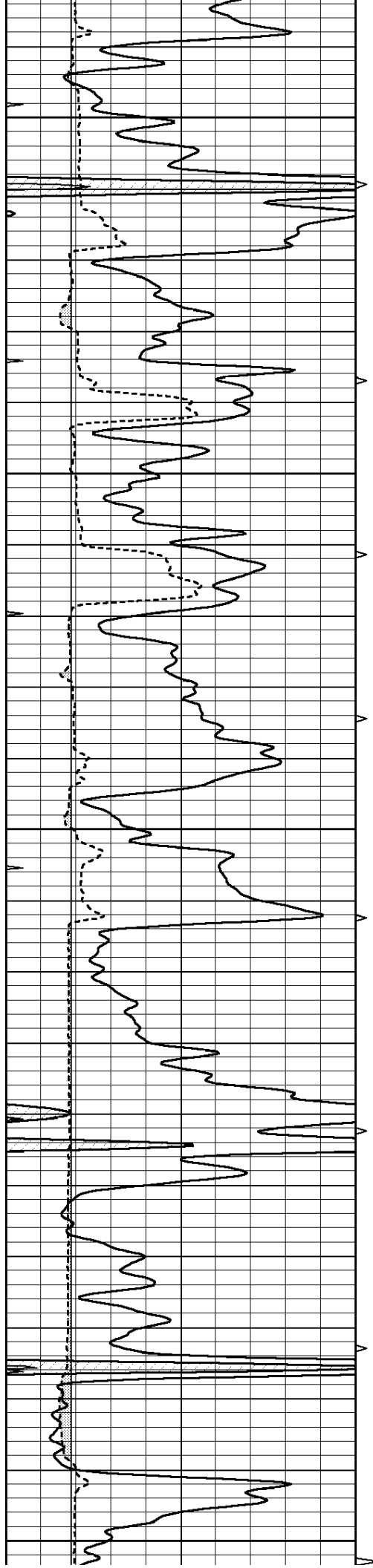
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4200

4250

4300





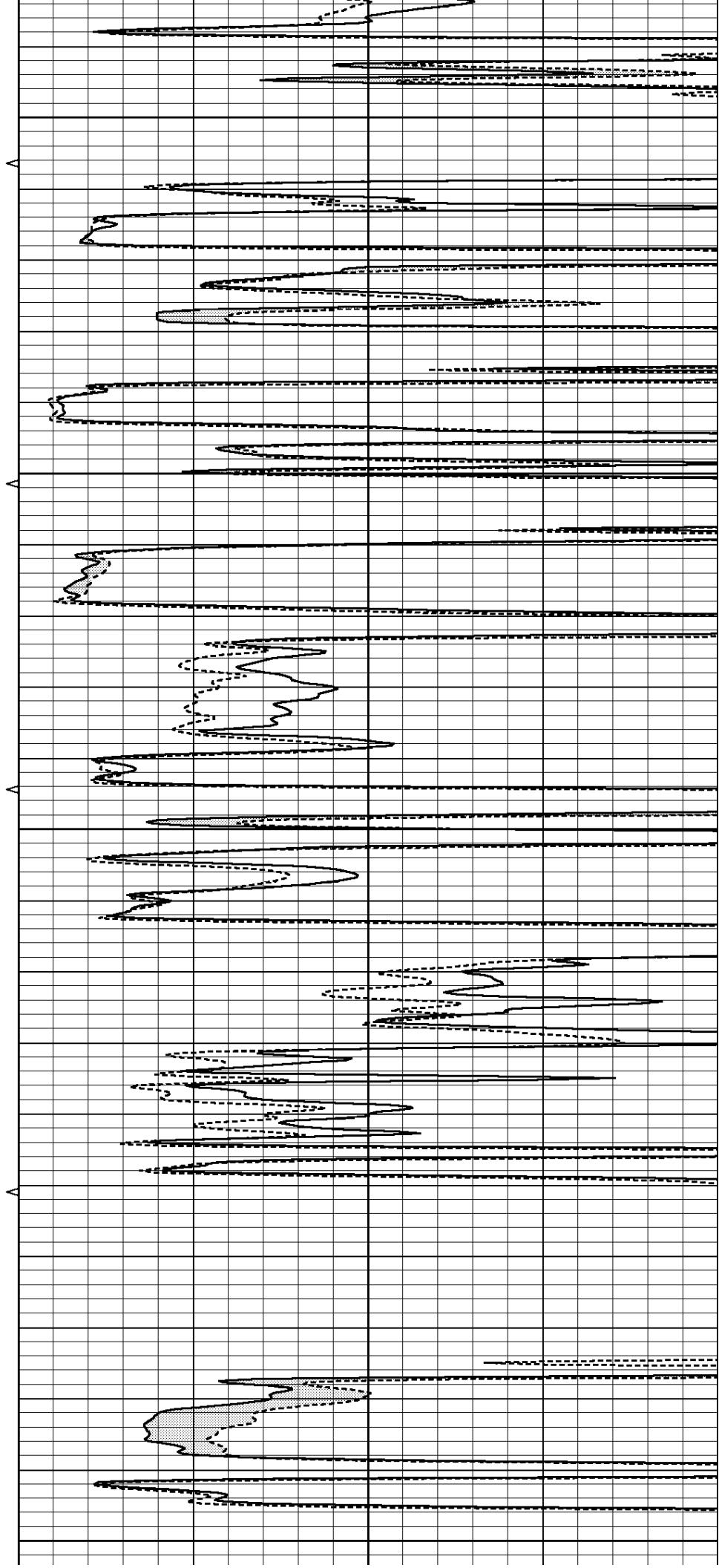
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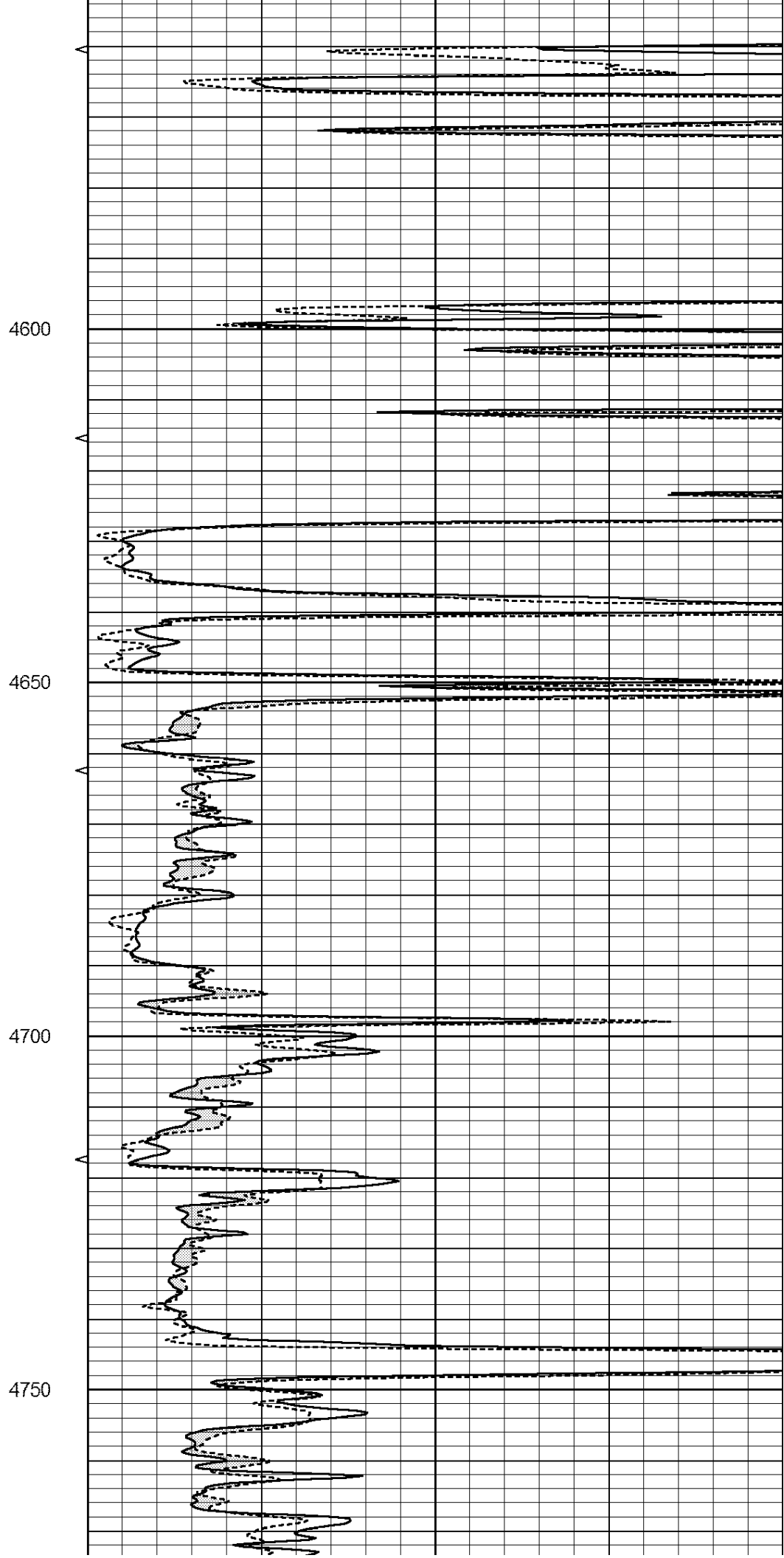
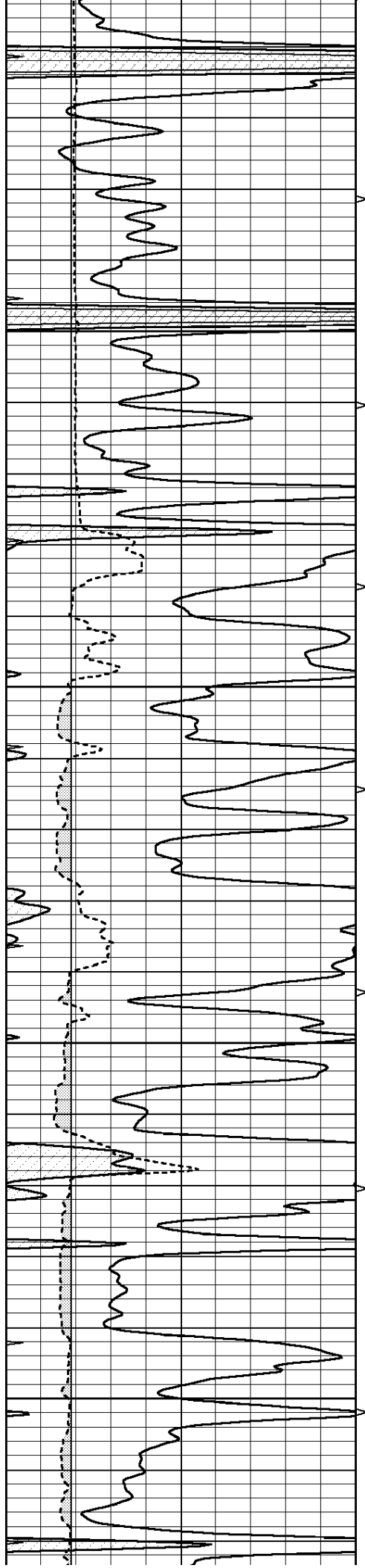
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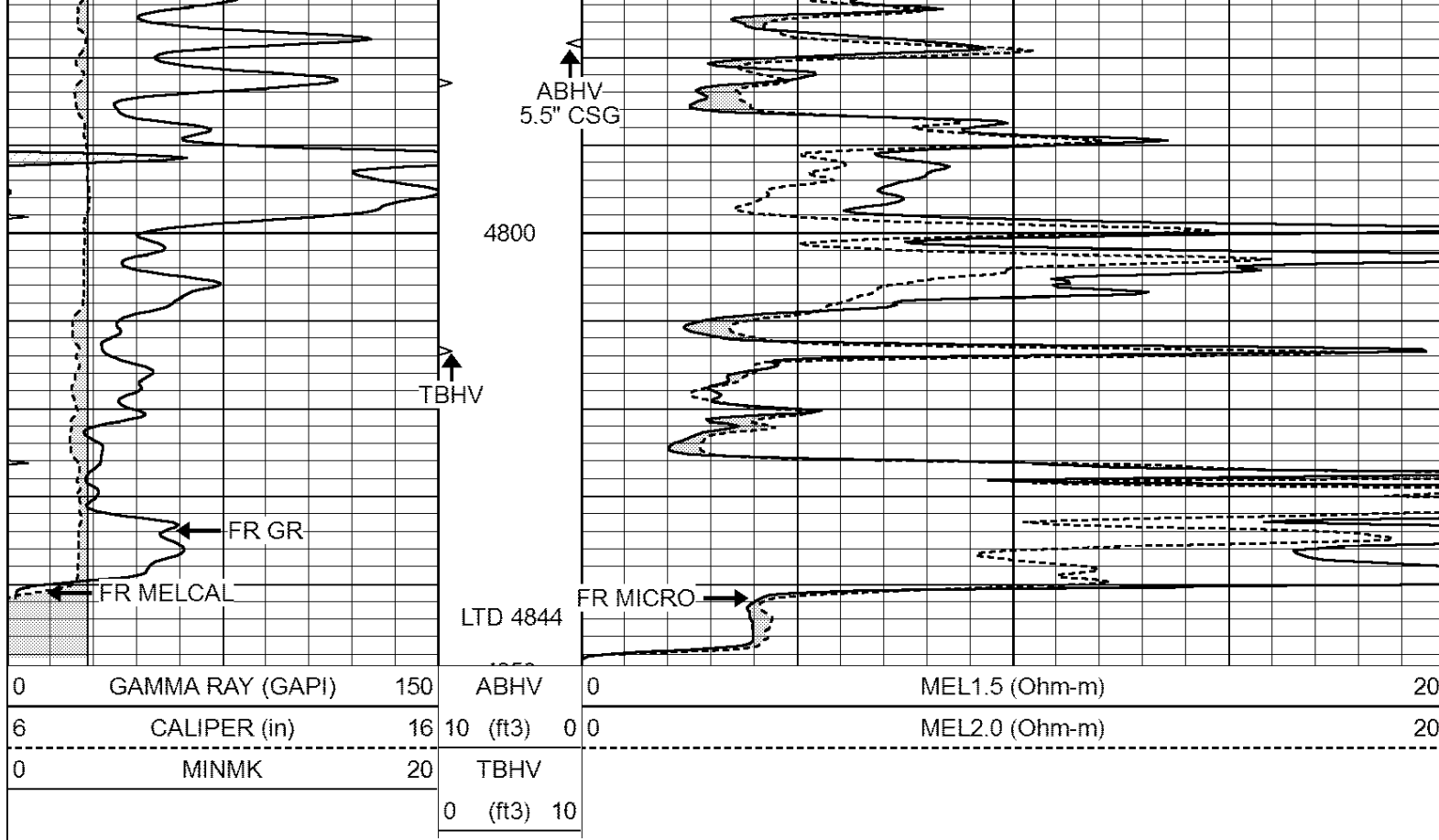
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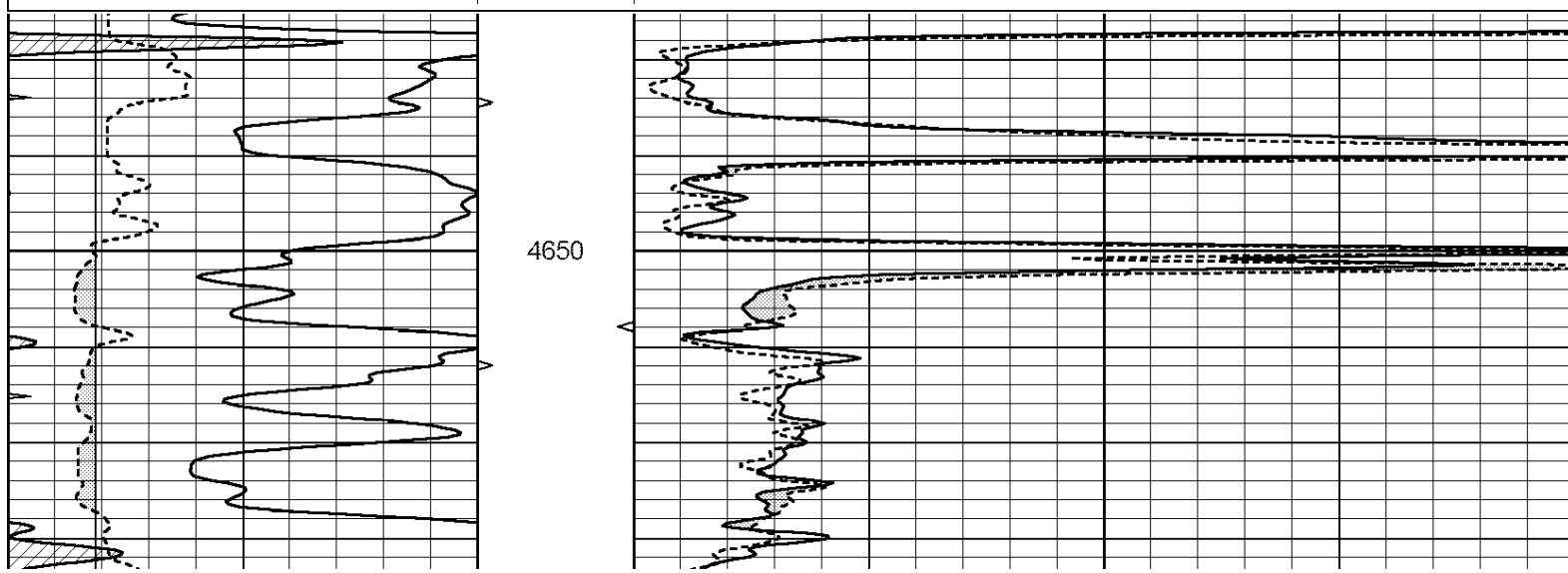


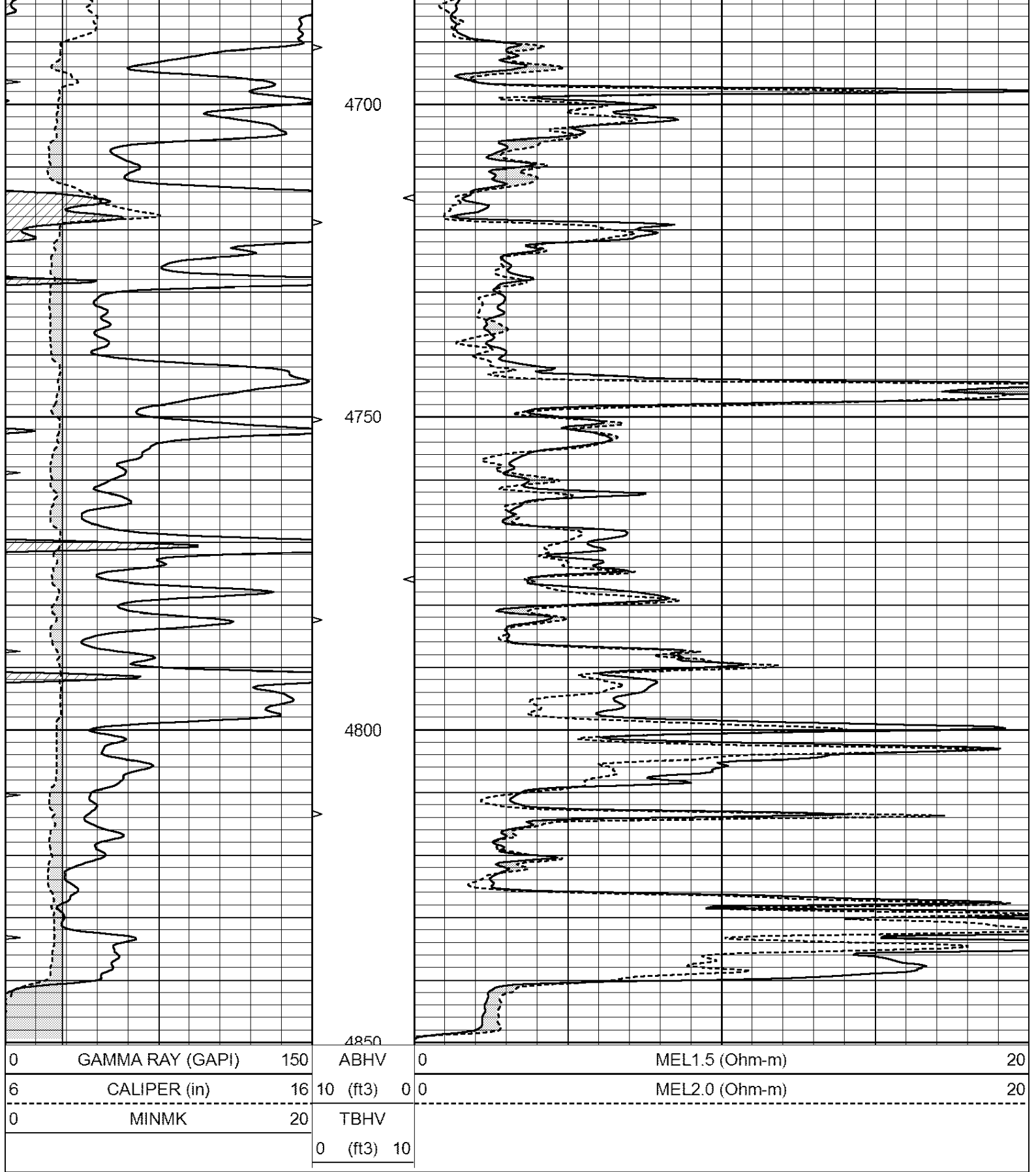


REPEAT SECTION

Database File: 30510ddn.db
 Dataset Pathname: pass5.1
 Presentation Format: _micro
 Dataset Creation: Wed Jul 22 05:21:15 2015 by Calc Open-Cased 090629
 Charted by: Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	ABHV	0	MEL1.5 (Ohm-m)	20
6	CALIPER (in)	16	10 (ft3)	0	MEL2.0 (Ohm-m)	20
0	MINMK	20	TBHV			
			0 (ft3)	10		





Calibration Report

Database File: 30510ddn.db
Dataset Pathname: pass5.1
Dataset Creation: Wed Jul 22 05:21:15 2015 by Calc Open-Cased 090629

MICRO Calibration Report

Serial Number:

MICRO3

Tool Model: Performed:	PROBE Sun May 10 22:04:02 2015	
Caliper Calibration:	Gain=3.853	Offset=-9.512
References	Low Cal 7.000	High Cal 14.000
Readings	4.182	5.998
1.5" Calibration:	Gain=100.000	Offset=0.000
References	Low Cal 0.000	High Cal 20.000
Readings	0.004	0.228
2" Calibration:	Gain=150.553	Offset=-1.220
References	Low Cal 0.000	High Cal 20.000
Readings	0.005	0.175
Gamma Ray Calibration Report		
Serial Number:	GR6	
Tool Model:	OPEN	
Performed:	Sun May 10 18:59:16 2015	
Calibrator Value:	150.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	276.0	cps
Sensitivity:	0.8000	GAPI/cps