



MICRO LOG

Company	MULL DRILLING CO., INC.
Well	JOHNSON FARMS #1-18
Field	SPIVEY-GRABS-BASIL
County	KINGMAN
State	KANSAS
Location:	AP1 # : 15-095-22323-00-00 1650' FNL & 990' FEL
SEC 18 TWP 30S RGE 7W	GROUND LEVEL Elevation 1471 Log Measured From KELLY BUSHING 7' A.G.L. Drilling Measured From KELLY BUSHING
Permanent Datum	Elevation
Log Measured From	K.B. 1478 D.F. 1476 G.L. 1471
Drilling Measured From	
Date	06/26/18
Run Number	TWO
Depth Driller	4300
Depth Logger	4302
Bottom Logged Interval	4282
Top Log Interval	2900
Casing Driller	8 5/8" @ 215
Casing Logger	215
Bit Size	7 7/8"
Type Fluid in Hole	CHEMICAL MUD
Density / Viscosity	9.6/55
pH / Fluid Loss	9.5/10.4
Source of Sample	FLOWLINE
Rm @ Meas. Temp	.80@74
Rmt @ Meas. Temp	.60@74
Rmc @ Meas. Temp	.96@74
Source of Rmt / Rmc	MEASURED
Rm @ BHT	.49@119
Time Circulation Stopped	2 HOURS
Time Logger on Bottom	///
Maximum Recorded Temperature	119F
Equipment Number	1523
Location	HAYS, KANSAS
Recorded By	GUS PFANENSTIEL
Witnessed By	LOGAN WALKER

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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

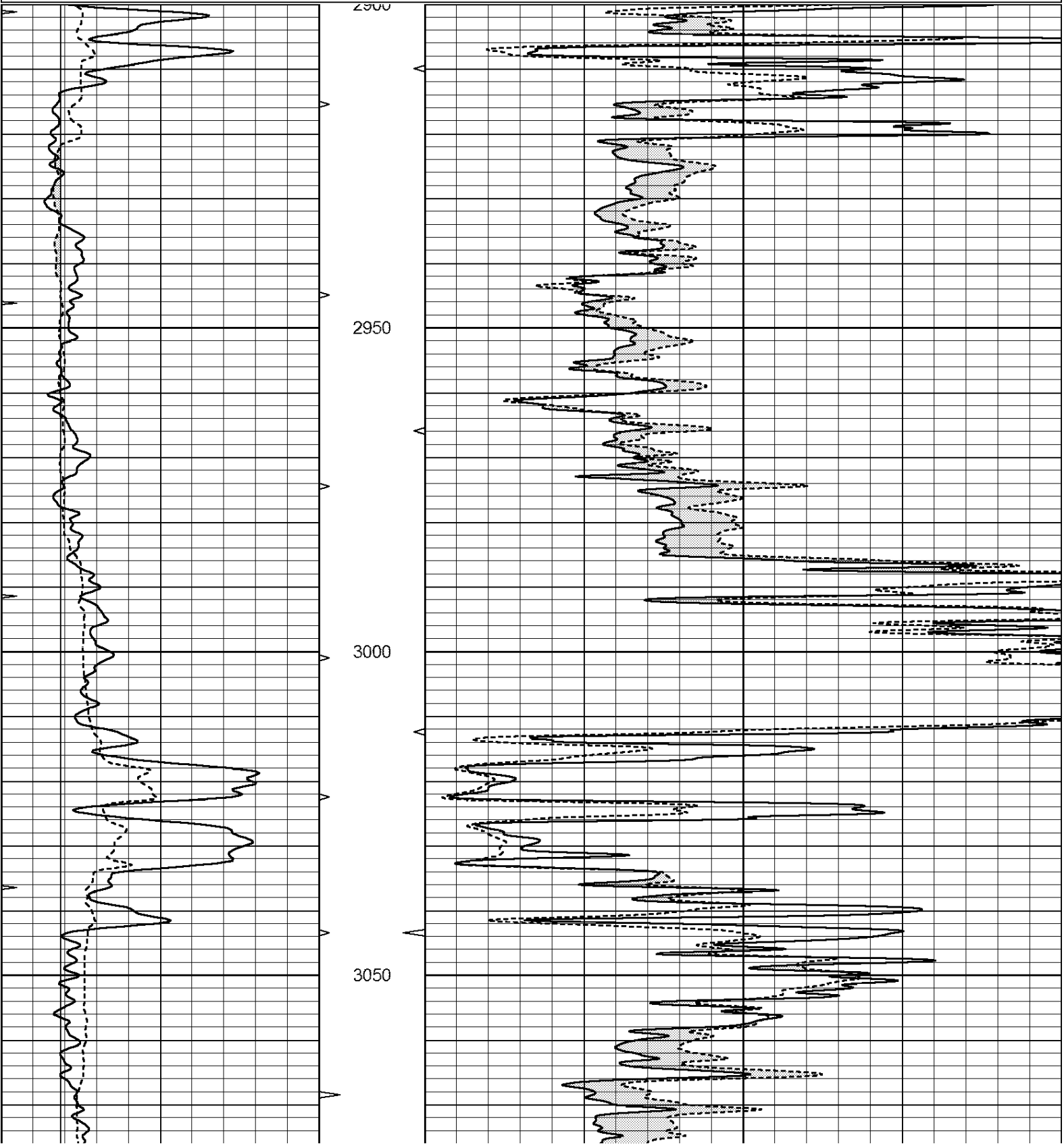
DIRECTIONS
SPIVEY KS SOUTH TO 150 TH EAST 2 1/4 MILES,
NORTH INTO.

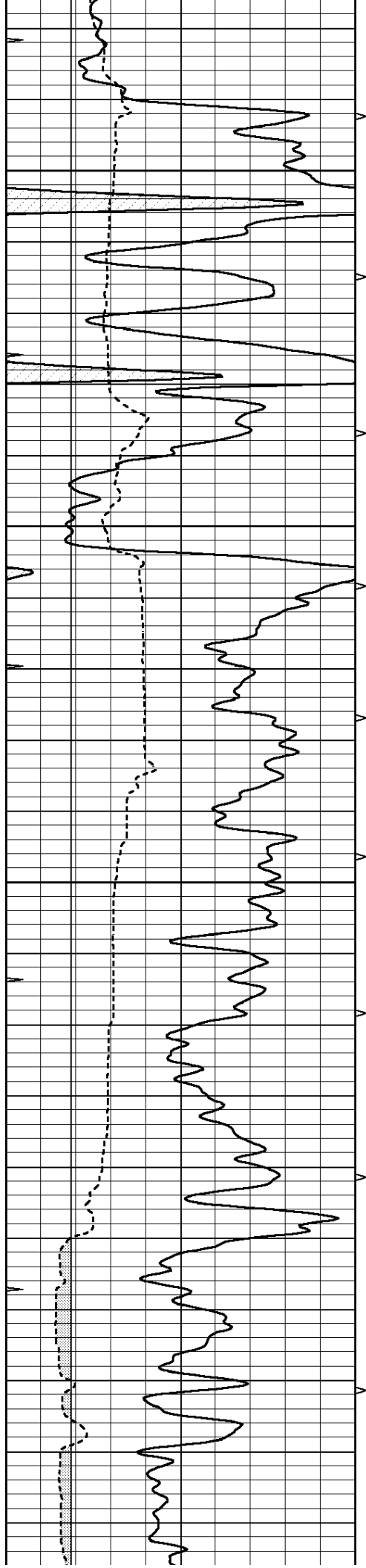


MAIN PASS

Database File: 2687pe.db
Dataset Pathname: pass5MAIN
Presentation Format: _micro
Dataset Creation: Tue Jun 26 17:08:35 2018
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		



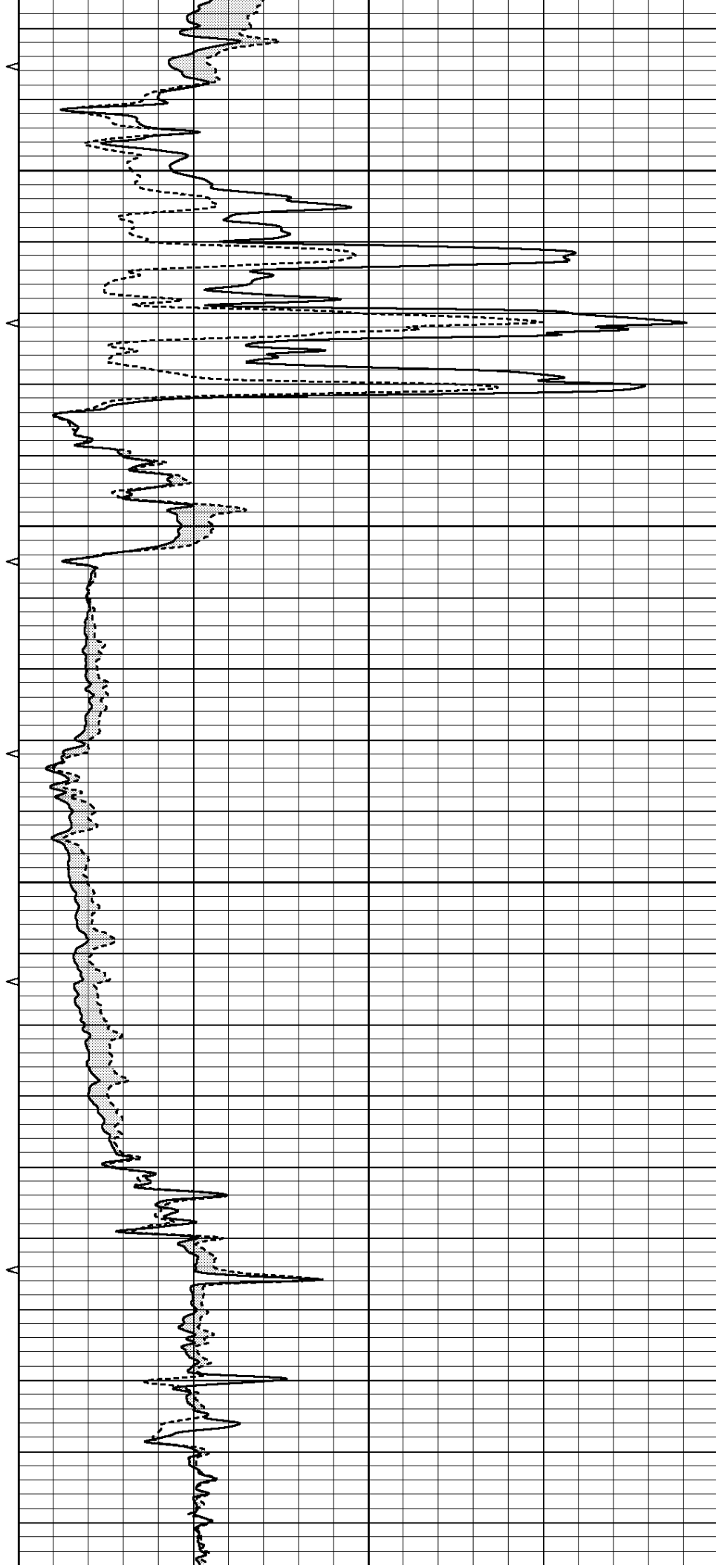


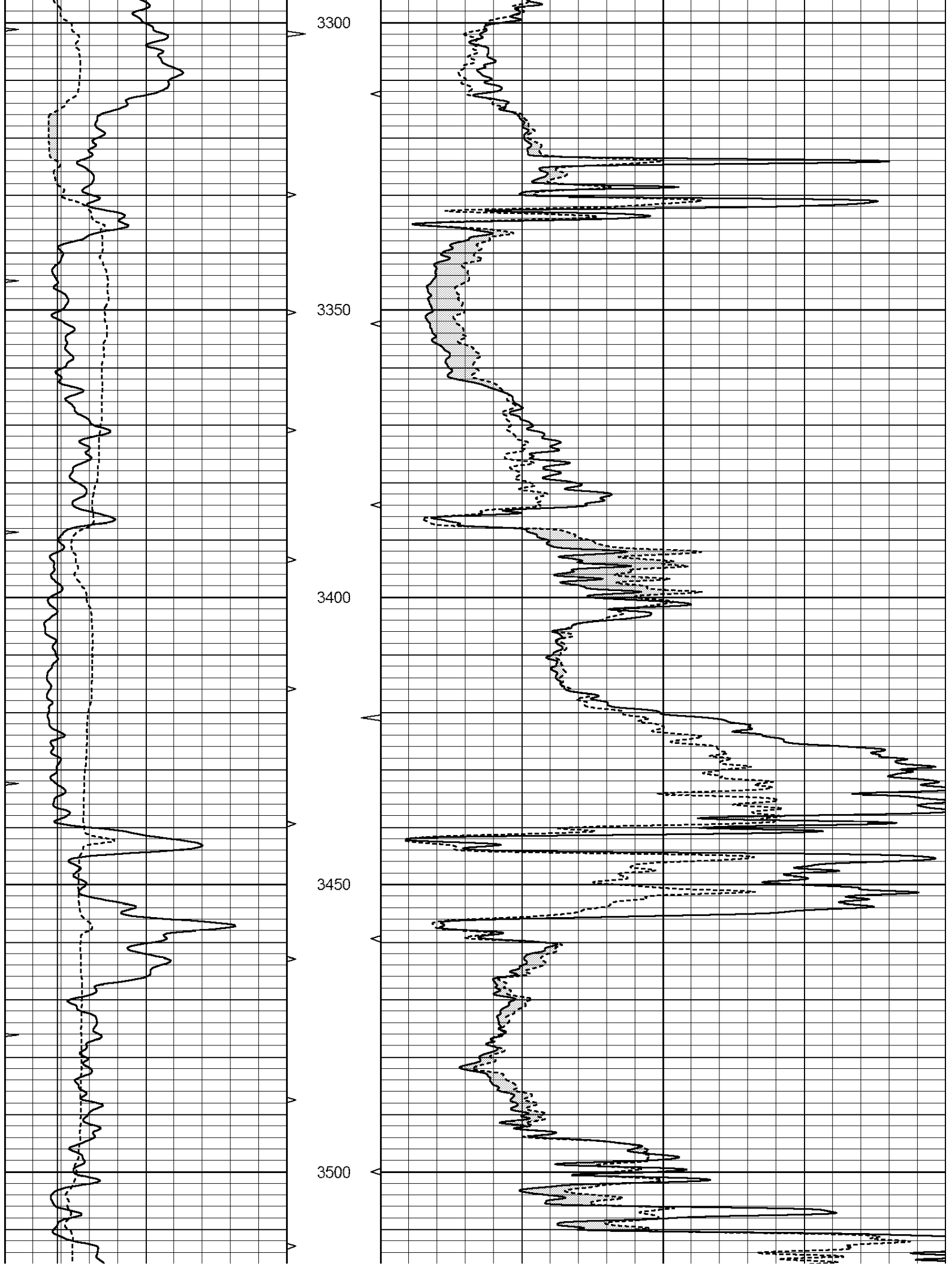
3100

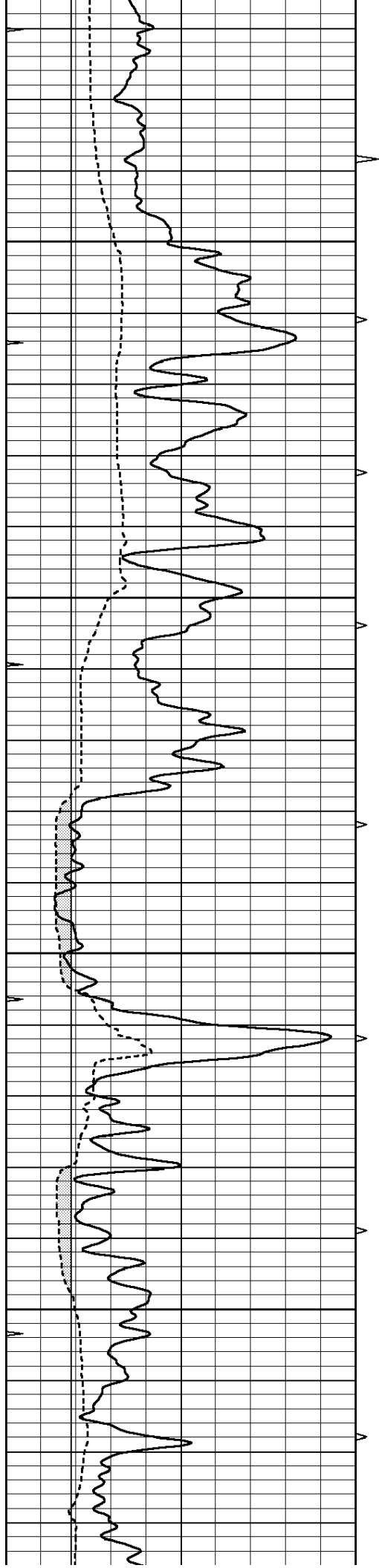
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3200

3250





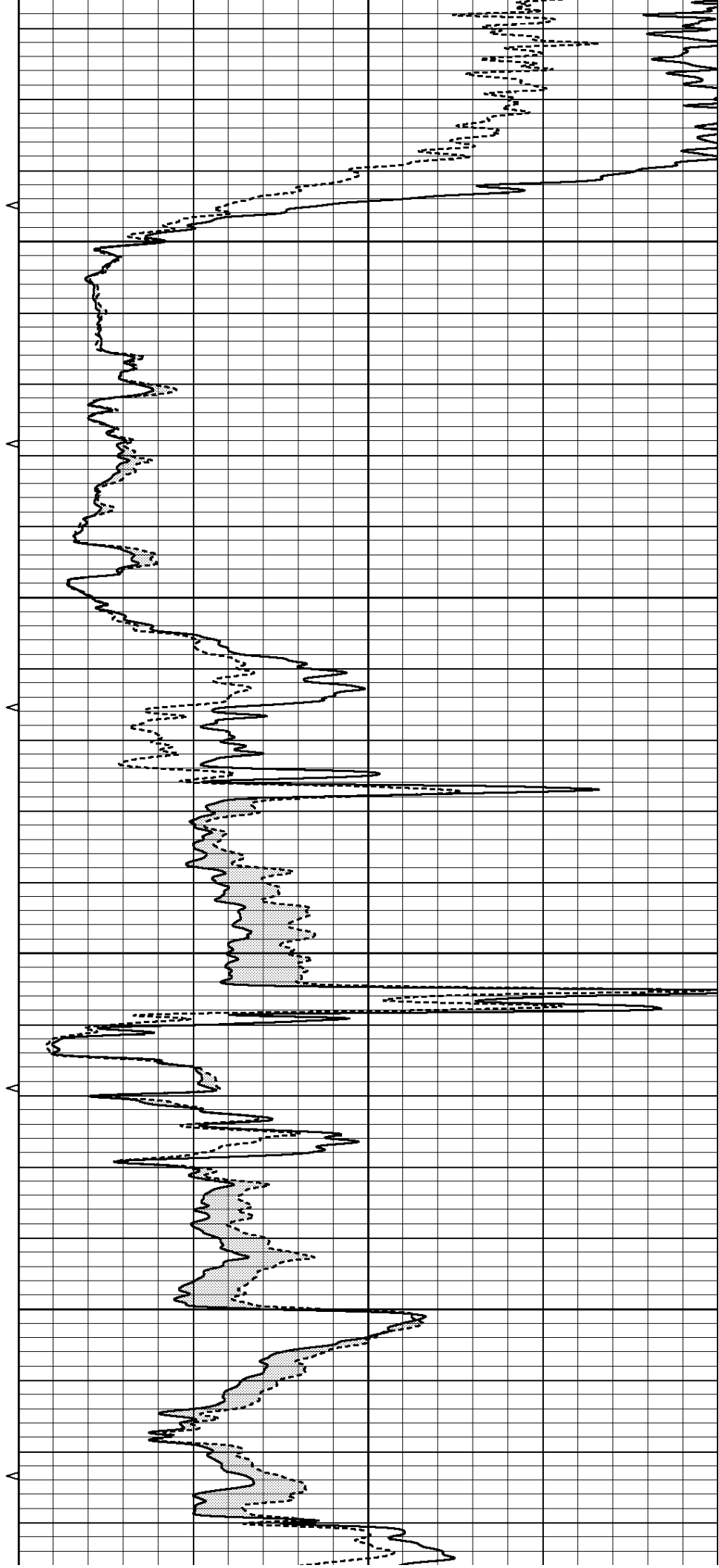


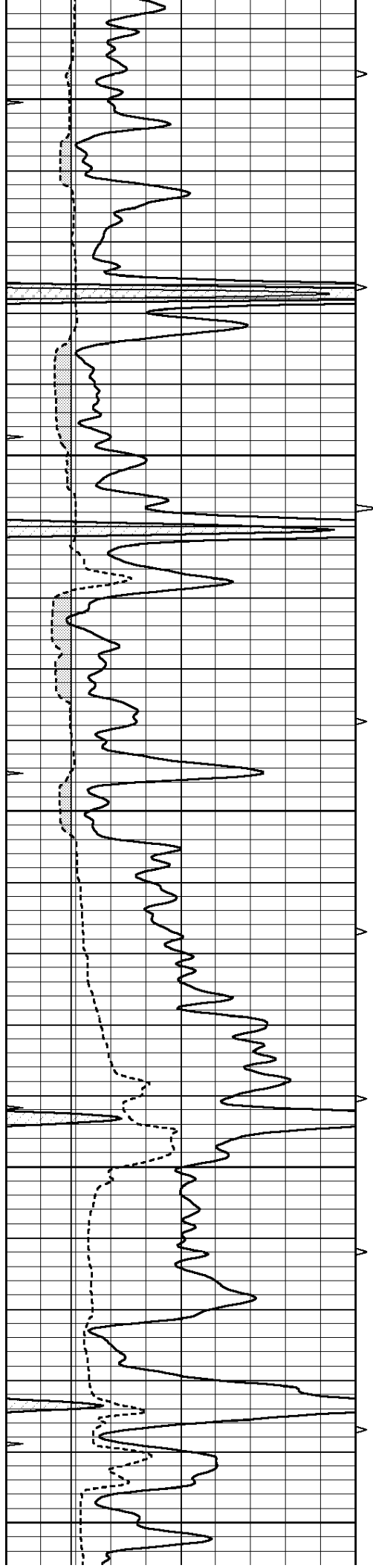
3550

3600

3650

3700





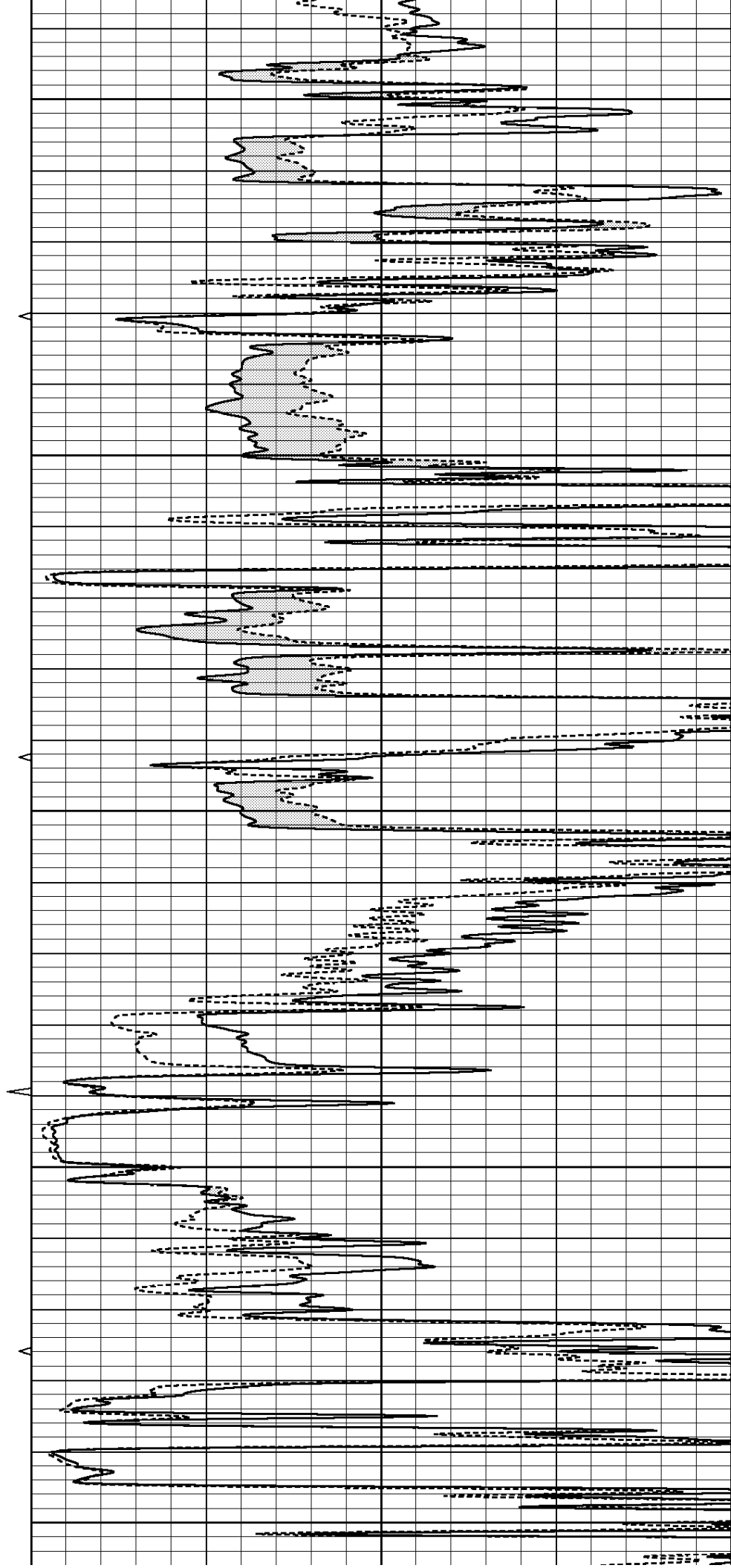
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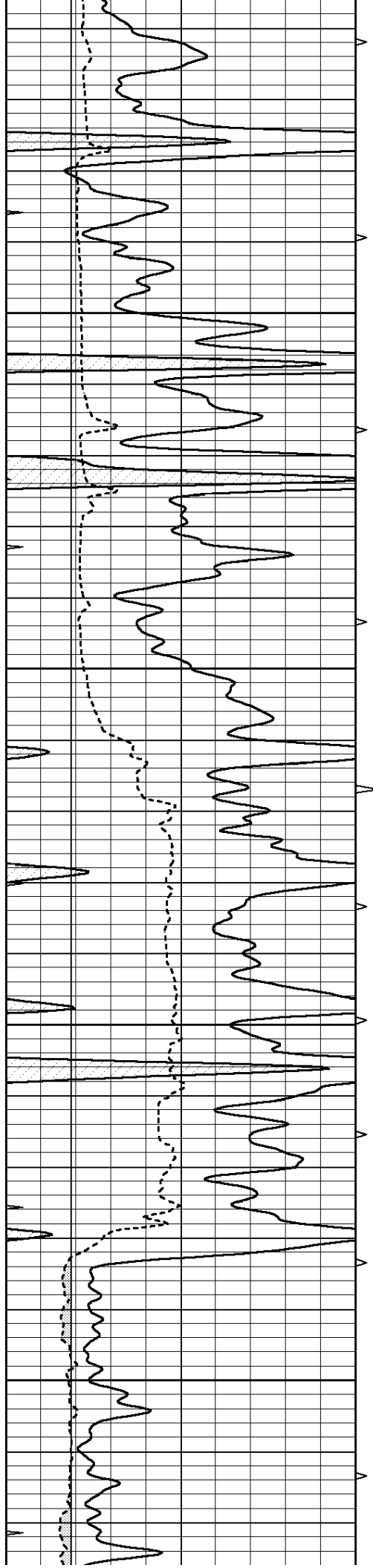
3800

3850

3900

3950



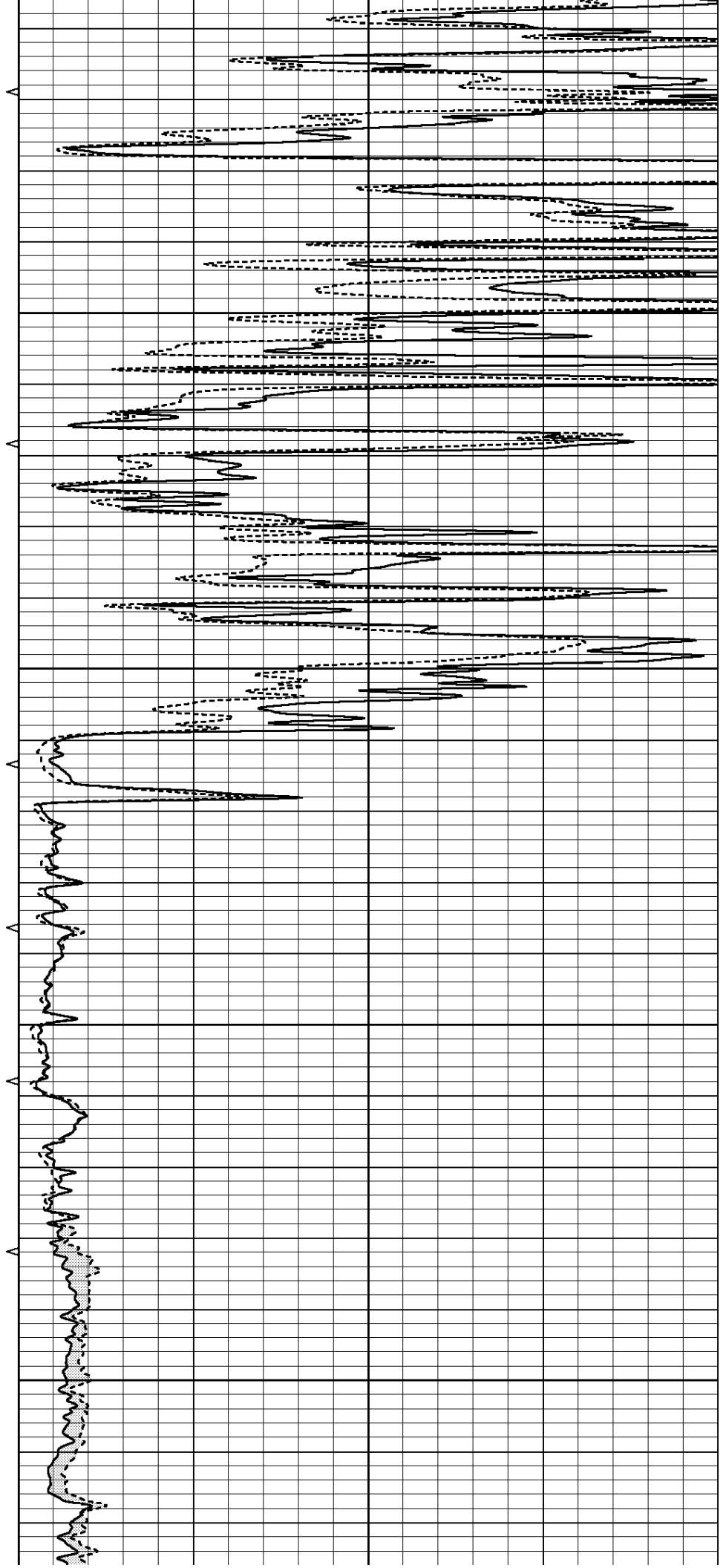


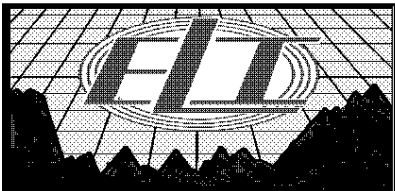
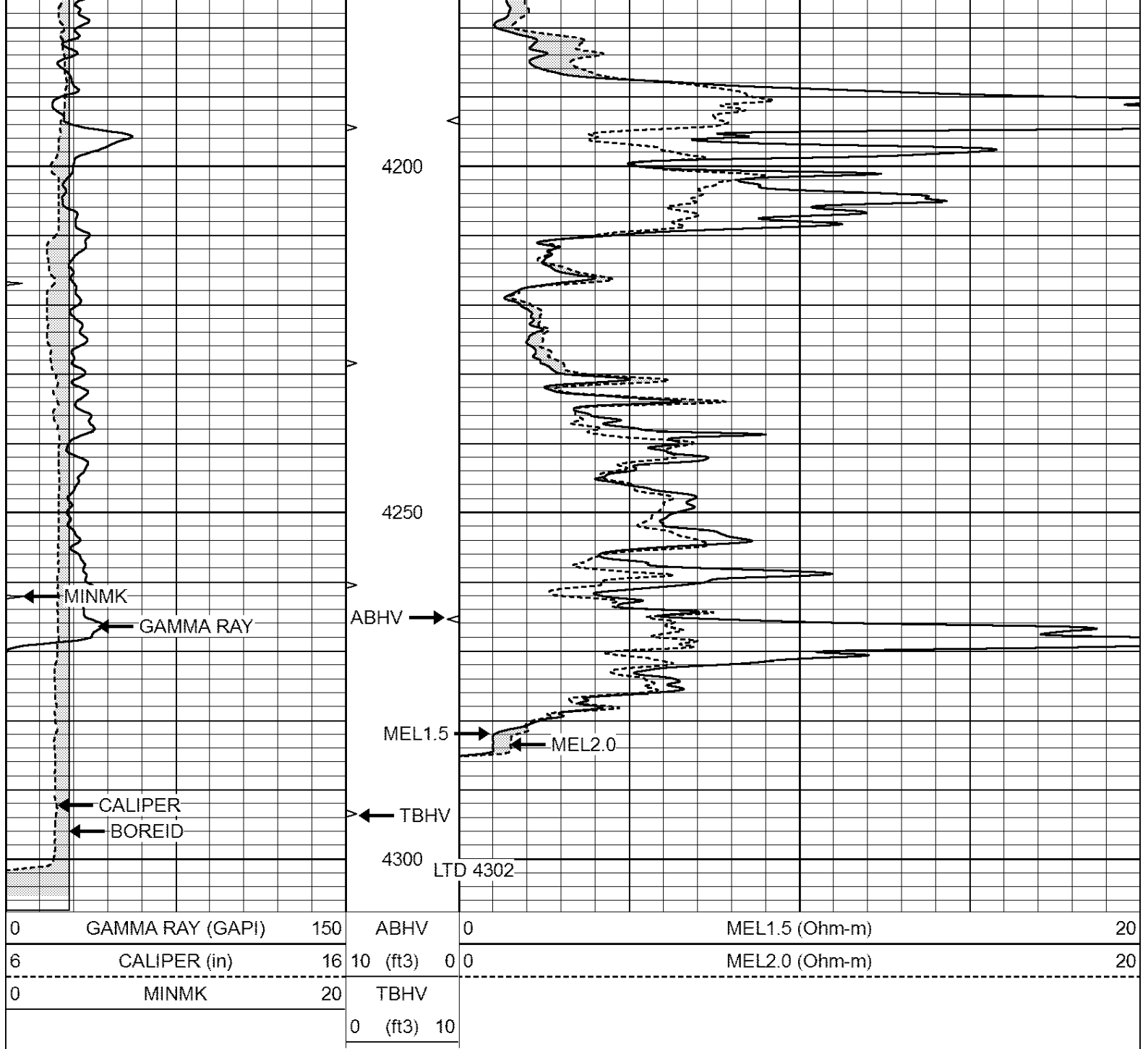
4000

4050

4100

4150

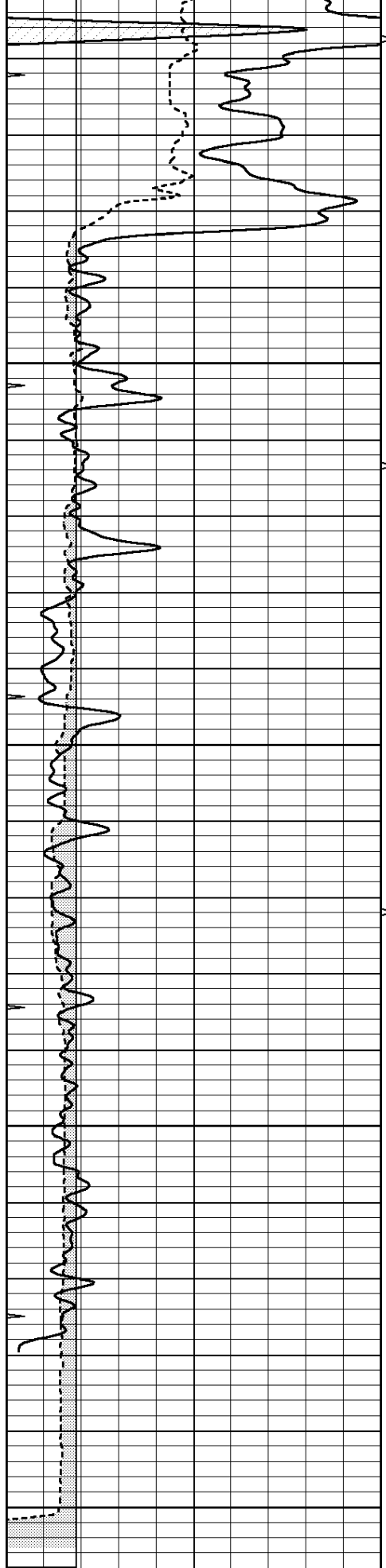




REPEAT SECTION

Database File: 2687pe.db
 Dataset Pathname: pass4RP
 Presentation Format: _micro
 Dataset Creation: Tue Jun 26 16:54:01 2018
 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 0	MEL2.0 (Ohm-m)	20
0	MINMK	20	TBHV			
			0 (ft3)	10		



0	GAMMA RAY (GAPI)	150
6	CALIPER (in)	16
0	MINMK	20

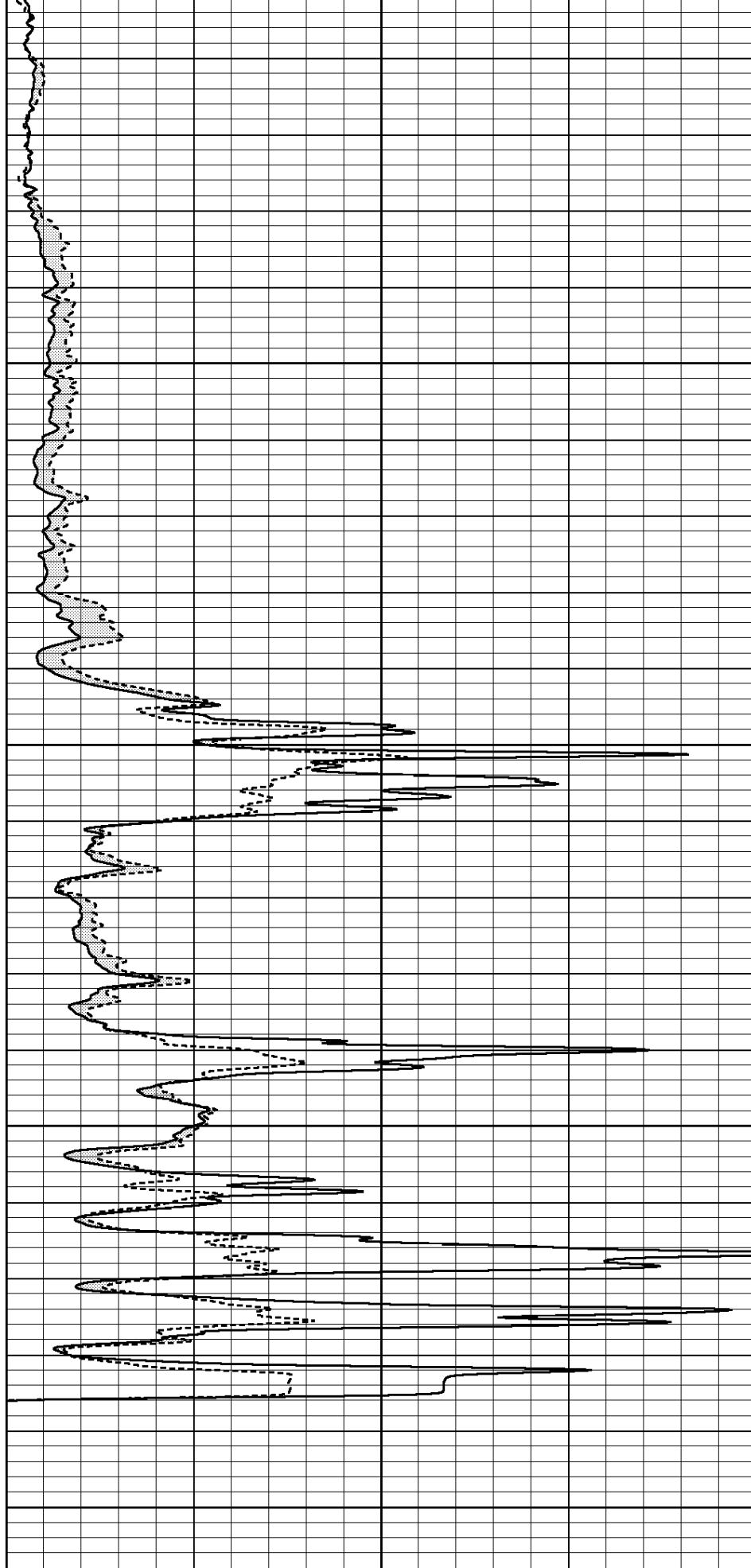
4150

4200

4250

4300

ABHV
10 (ft3)
TBHV



0	MEL1.5 (Ohm-m)	20
0	MEL2.0 (Ohm-m)	20

Calibration Report

Database File: 2687pe.db
 Dataset Pathname: pass4RP
 Dataset Creation: Tue Jun 26 16:54:01 2018

MICRO Calibration Report

Serial Number: MICRO6
 Tool Model: PROBE
 Performed: Wed May 09 00:54:36 2018

Caliper Calibration: Gain=26.621 Offset=0.453

	Low Cal	High Cal
References	7.000	14.000
Readings	0.217	0.478

1.5" Calibration: Gain=32.075 Offset=-0.400

	Low Cal	High Cal
References	0.000	20.000
Readings	0.004	1.196

2" Calibration: Gain=45.000 Offset=-1.000

	Low Cal	High Cal
References	0.000	20.000
Readings	0.006	0.913

Gamma Ray Calibration Report

Serial Number: #8
 Tool Model: OPEN
 Performed: Tue May 15 00:49:07 2018

Calibrator Value: 150.0 GAPI

Background Reading:	0.0	cps
Calibrator Reading:	175.0	cps

Sensitivity: 0.9000 GAPI/cps