

MICRO  
LOG



Company ELK ENERGY HOLDINGS, LLC.  
Well F & J FARMS #1-18  
Field WILD CAT  
County THOMAS State KANSAS

Location: API #: 15-193-21078-0000  
2304' FNL & 335' FWL  
NE - SW - SW - NW  
SEC 18 TWP 10S RGE 32W  
Permanent Datum GROUND LEVEL Elevation 3096  
Log Measured From KELLY BUSHING 5" A.G.L.  
Drilling Measured From KELLY BUSHING  
Other Services  
CDL/CNL/PE  
DIL  
Elevation  
K.B. 3101  
D.F. 3099  
G.L. 3096

Date	6/28/20
Run Number	TWO
Depth Driller	4703
Depth Logger	4704
Bottom Logged Interval	4702
Top Log Interval	3800
Casing Driller	8 5/8"@300'
Casing Logger	306
Bit Size	7 7/8"
Type Fluid in Hole	CHEMICAL MUD
Density / Viscosity	9.4/59
pH / Fluid Loss	10.0/8.4
Source of Sample	FLOWLINE
Rm @ Meas. Temp	.860@100F
Rmf @ Meas. Temp	.645@100F
Rmc @ Meas. Temp	1.03@100F
Source of Rmf / Rmc	MEASUREMENT
Rm @ BHT	.705@122F
Time Circulation Stopped	4 HOURS
Time Logger on Bottom	3:15 P.M.
Maximum Recorded Temperature	122F
Equipment Number	922339
Location	HAYS, KANSAS
Recorded By	JEFF LUEBBERS
Witnessed By	SEAN DEENIHAN

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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 E.L.I. WIRELINE SERVICES HAYS, KANSAS (785)628-6395  
DIRECTIONS  
OAKLEY, KS. & EXIT 70, 2S. TO "RD. C", 4W. TO "RD. 25" 1 1/2N., E. INTO

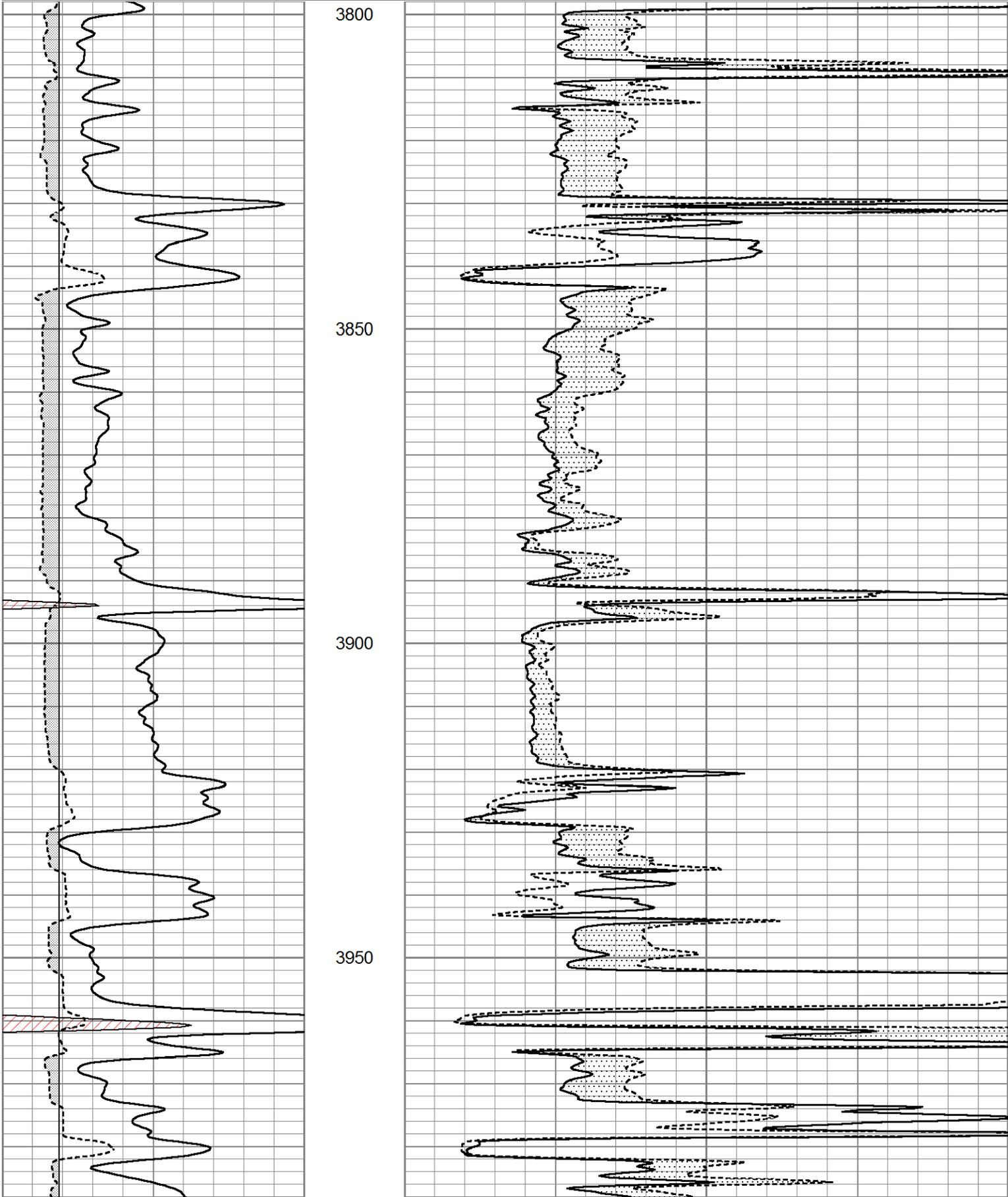


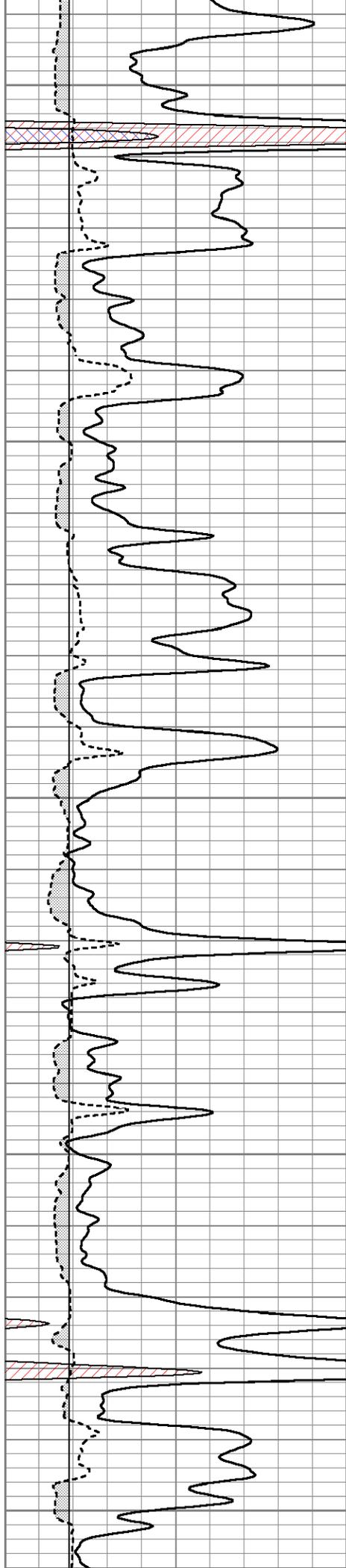
MAIN SECTION

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 Dataset Pathname pass6.1  
 Presentation Format micro  
 Dataset Creation Sun Jun 28 16:04:21 2020  
 Charted by Depth in Feet scaled 1:240

0	GR (GAPI)	150
6	MELCAL (in)	16

0	MEL20 (Ohm-m)	40
0	MEL15 (Ohm-m)	40





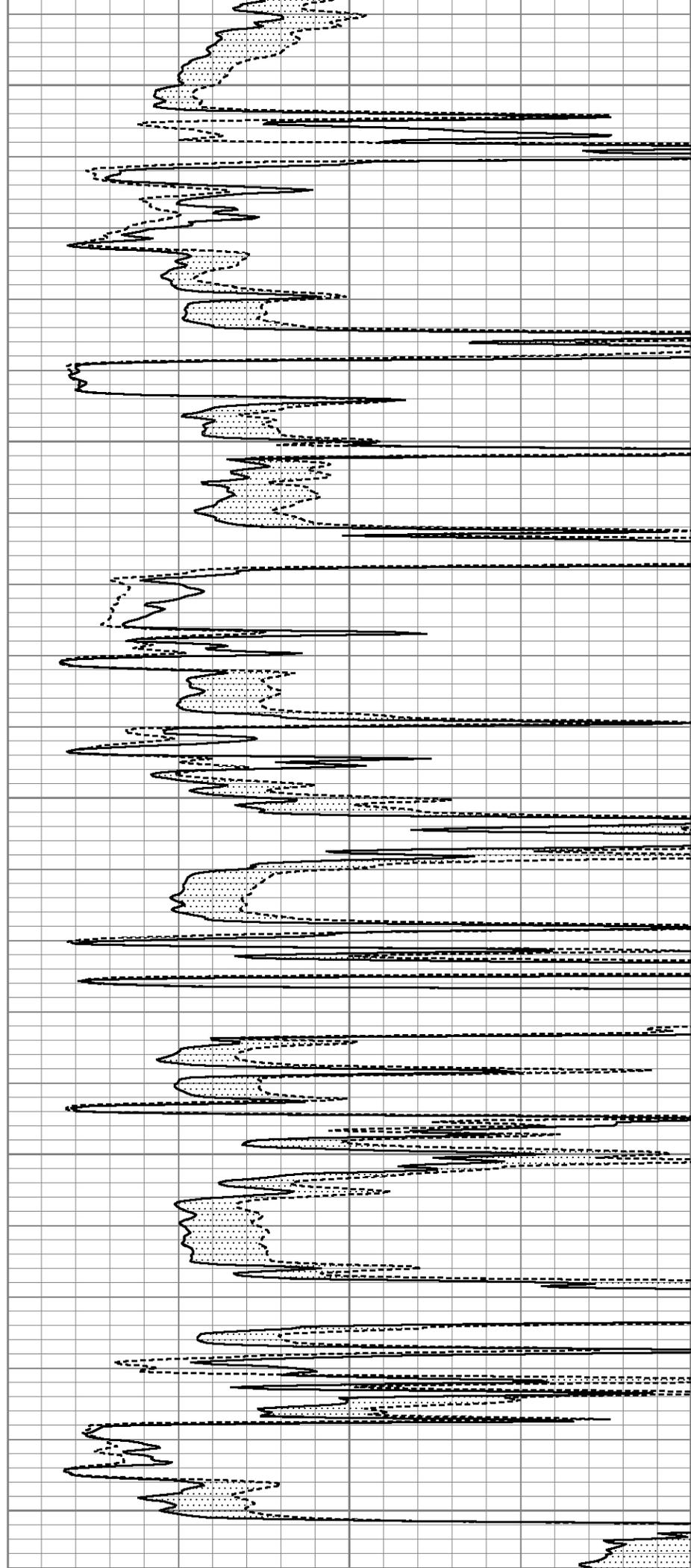
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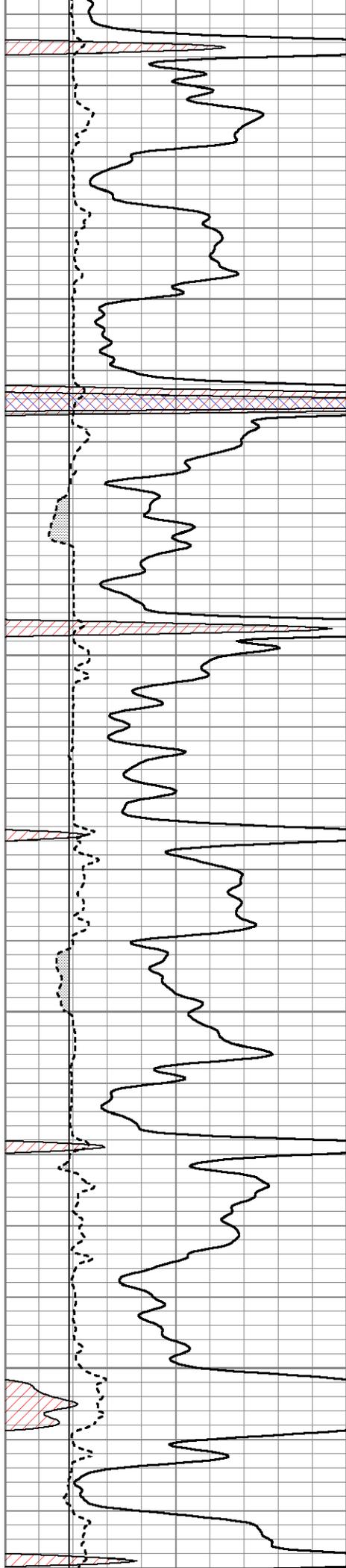
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4150

4200



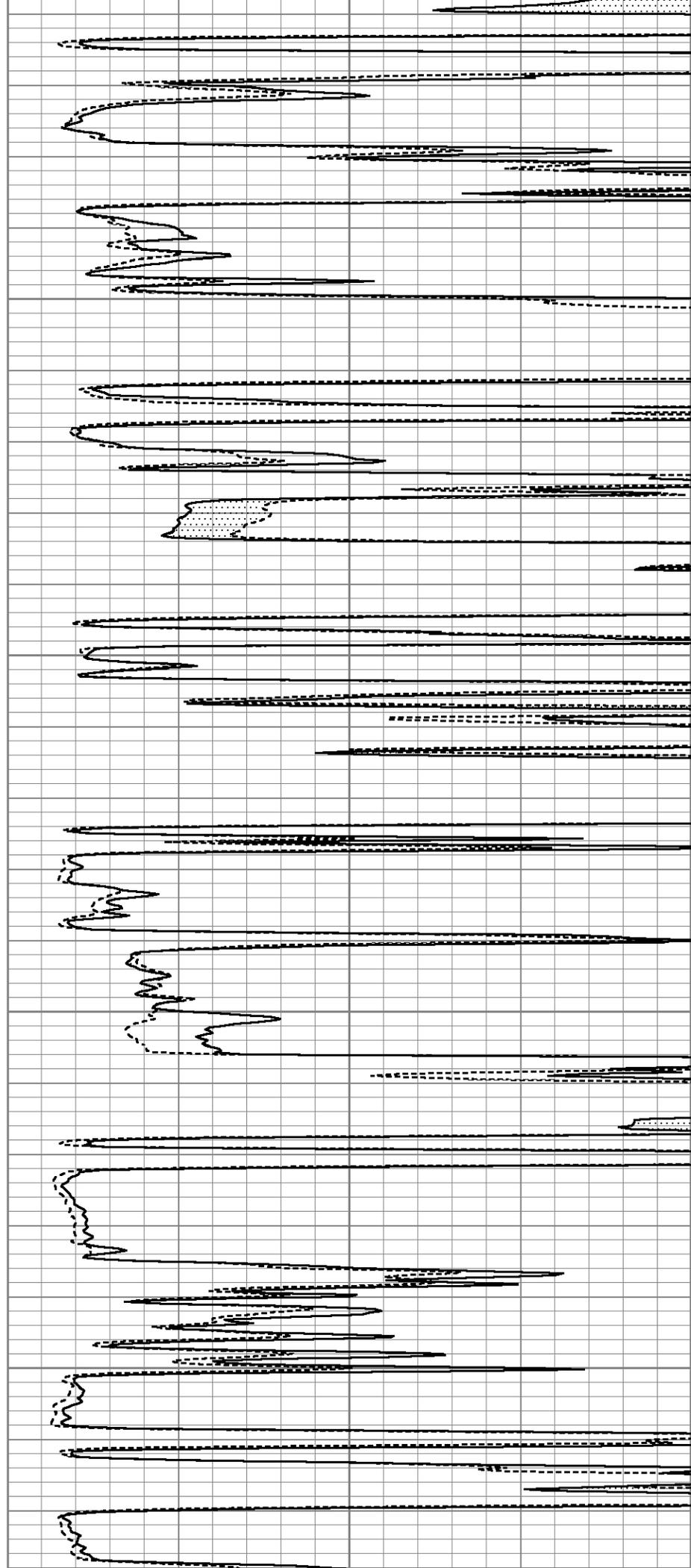


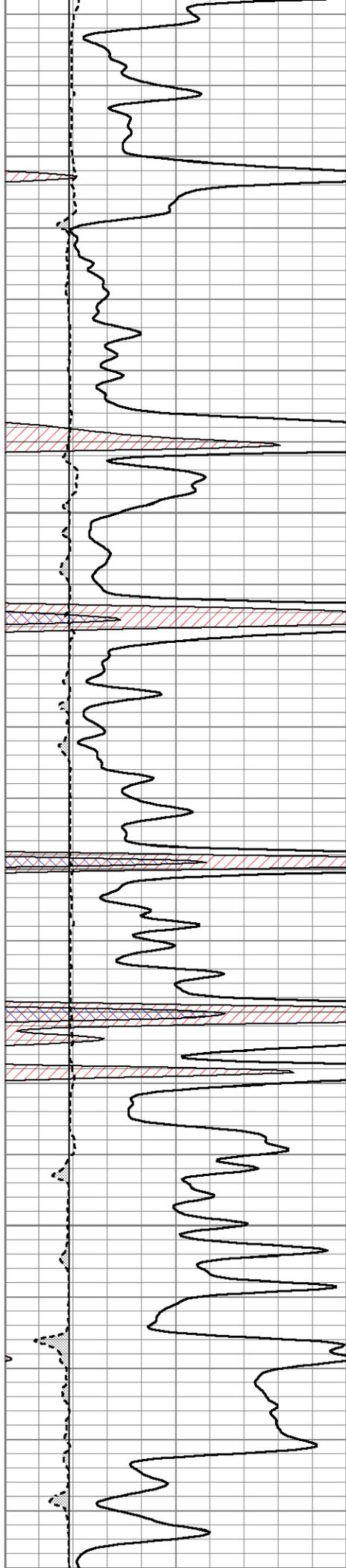
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4350

4400



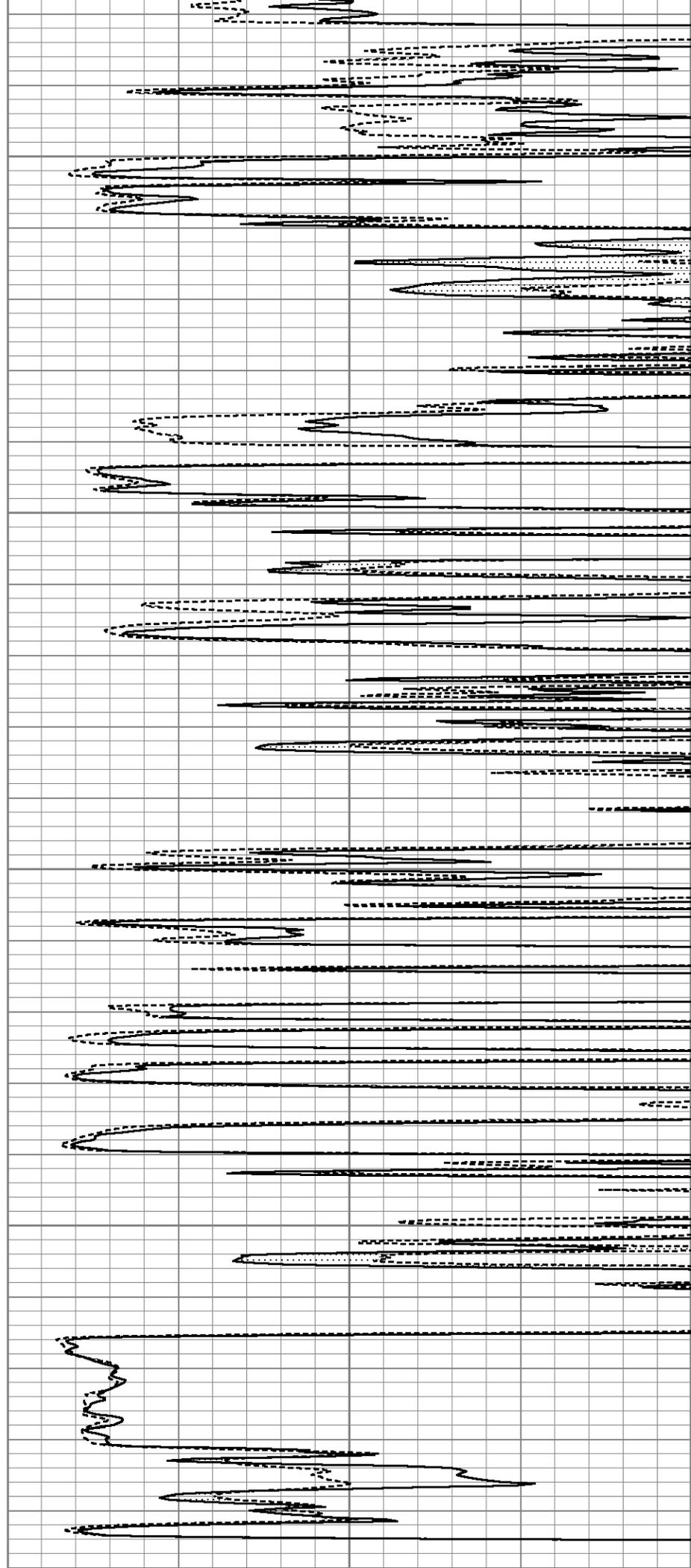


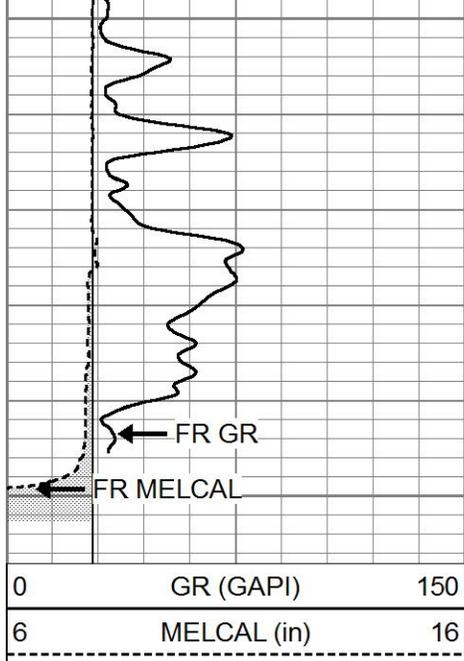
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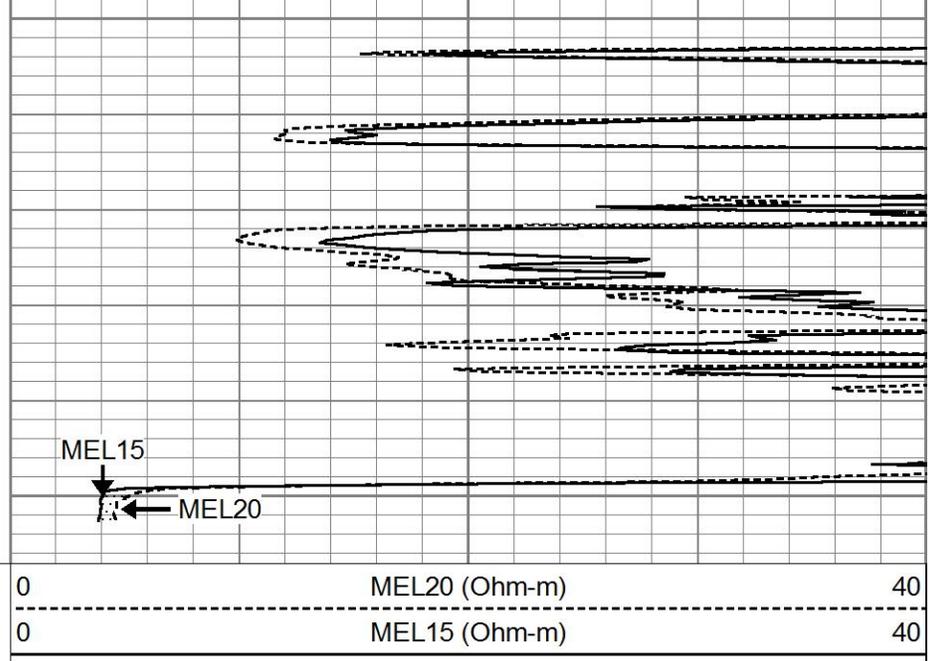
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4600





4650  
4700  
LTD 4704

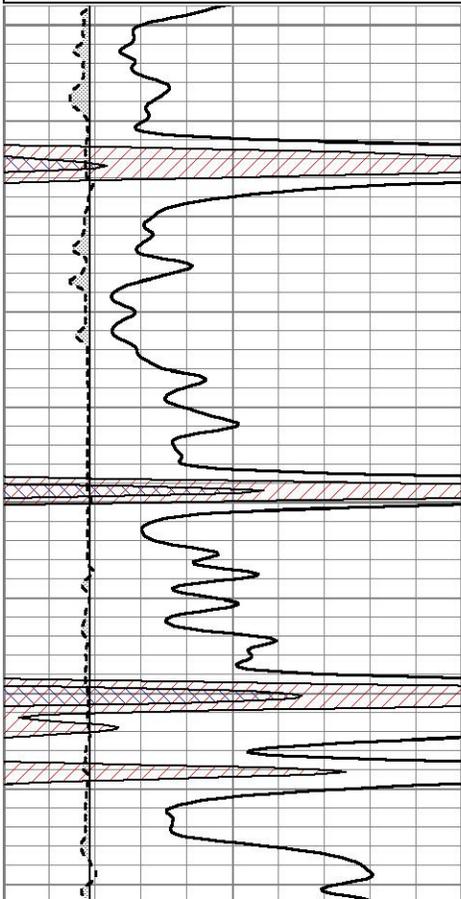


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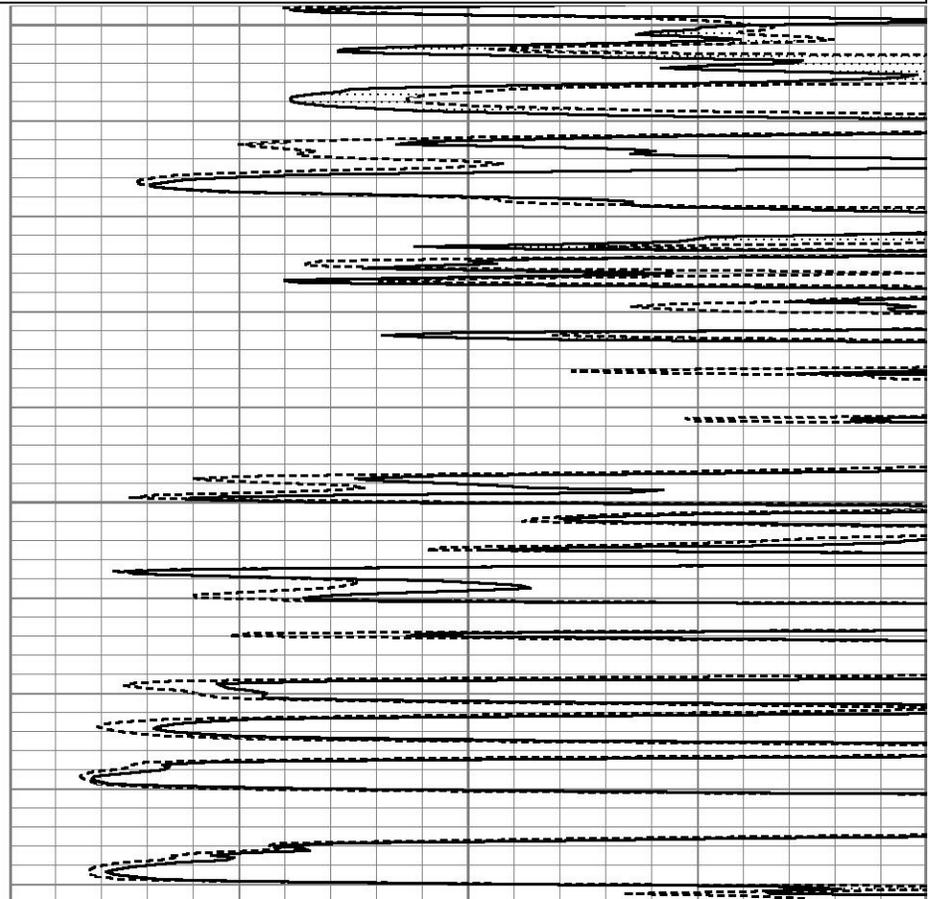
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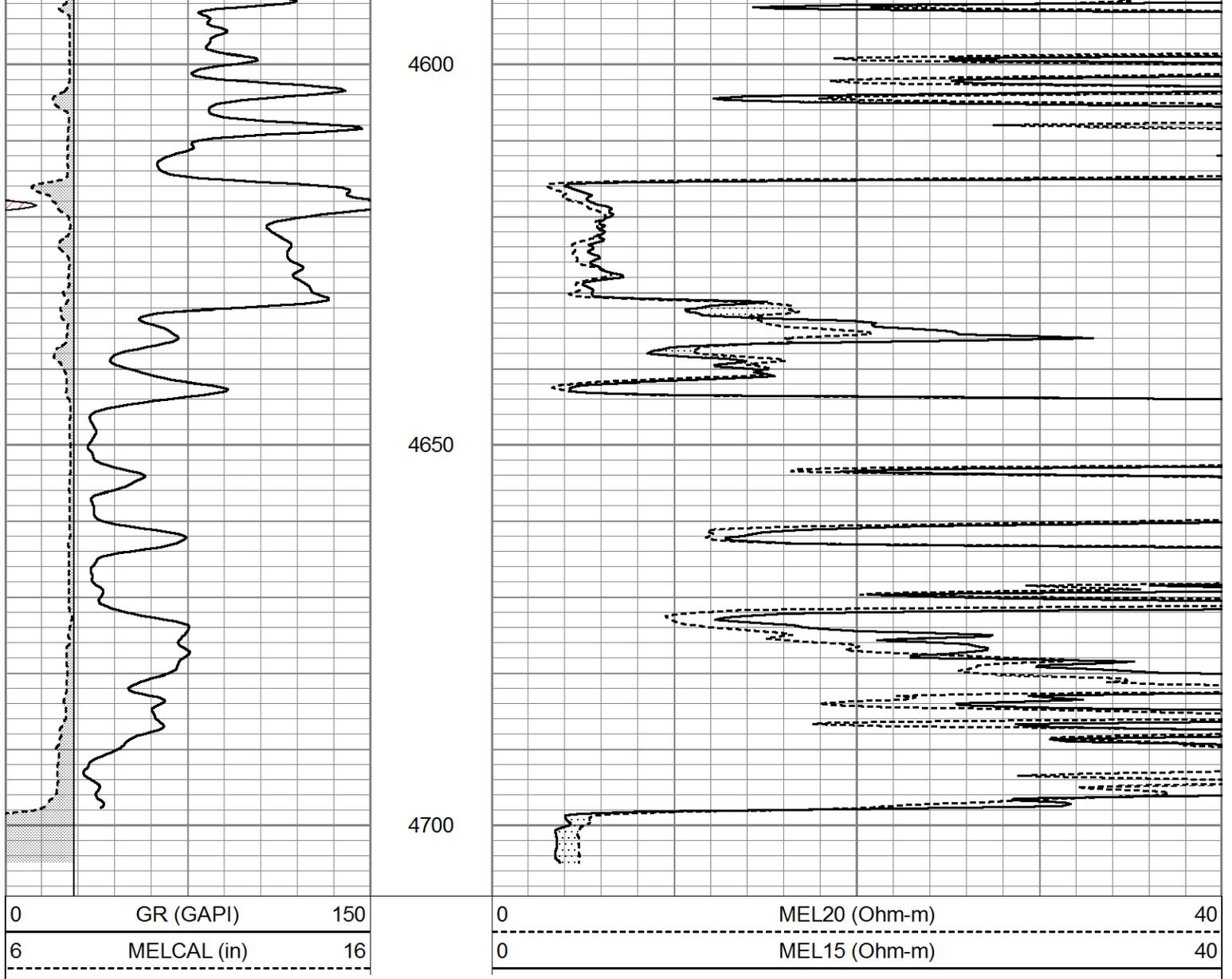
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4500  
4550





### Calibration Report

Database File      4547pe.db  
 Dataset Pathname    pass6.1  
 Dataset Creation    Sun Jun 28 16:04:21 2020

#### MICRO Calibration Report

Serial Number:      070911  
 Tool Model:         ProbeN  
 Performed:         Wed Mar 11 11:42:51 2020

Caliper Calibration:      Gain=6.349      Offset=-1.778

References	Low Cal	High Cal
Readings	8.000	16.000
	1.540	2.800

1.5" Calibration:      Gain=44.000      Offset=0.200

References	Low Cal	High Cal
Readings	0.000	20.000
	0.001	1.240

2" Calibration:      Gain=48.000      Offset=0.000

References	Low Cal	High Cal
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References	0.000	20.000
Readings	0.001	1.076

Gamma Ray Calibration Report

Serial Number:	070559
Tool Model:	OPEN_GR
Performed:	Thu Jun 18 11:25:33 2020

Calibrator Value:	1.0	GAPI
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Background Reading:	0.0	cps
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Calibrator Reading:	1.0	cps
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Sensitivity:	0.3200	GAPI/cps
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