



MICRO RESISTIVITY LOG

Company	Palomino Petroleum	Company	Palomino Petroleum
Well	Hillery #1	Well	Hillery #1
Field	Wildcat	Field	Wildcat
County	Logan	County	Logan
State	Kansas	State	Kansas
Location:	API #: 15 109 21577 2280' FSL & 2031' FWL SW-NE-NE-SW	Other Services CDNL DIL	
Permanent Datum	SEC 18 TWP 14S RGE 35W	Elevation	
Log Measured From	Ground Level	Elevation	3194'
Drilling Measured From	KB 6' AGL	K.B. 3200' D.F. 3199' G.L. 3194'	
Date	12-12-18		
Run Number	Two		
Depth Driller	4896'		
Depth Logger	4896'		
Bottom Logged Interval	4894'		
Top Log Interval	3500'		
Casing Driller	8 5/8" @ 220'		
Casing Logger	220'		
Bit Size	7 7/8"		
Type Fluid in Hole	Chemical		
Density / Viscosity	8.7772		
pH / Fluid Loss	10.5/8.0		
Source of Sample	Pit	Chlorides 6000 PPM	
Rm @ Meas. Temp	0.9@72degf		
Rmf @ Meas. Temp	0.68@72degf		
Rmc @ Meas. Temp	1.1@72degf		
Source of Rmf / Rmc	Calculated		
Rm @ BHT	0.58@111degf		
Time Circulation Stopped	7:30 a.m.		
Time Logger on Bottom	1:30 p.m.		
Maximum Recorded Temperature	111degf		
Equipment Number	T-127		
Location	Hays, KS		
Recorded By	C. Patterson		
Witnessed By	Mr. Ryan Seib	Mr. Glen Dinkel	

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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

Russell Springs, KS South to West on KS-25 3 mi. to Co Rd 240,
Then South on Co Rd. 240 3.6 mi. to Kiowa Rd, Then West on Kiowa Rd. 2 mi. to Co Rd 220,
South on Co Rd. 220 0.5 mi. East into Location

Thanks for using Gemini Wireline LLC
785-625-1182

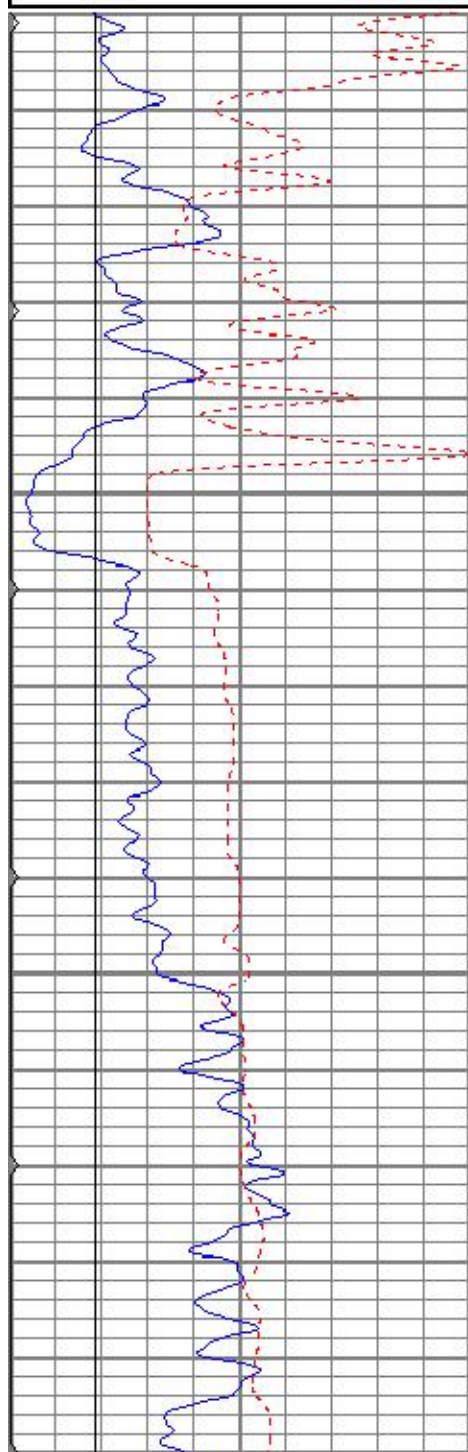


MAIN PASS

Database File pphillery#1oh.db
 Dataset Pathname pass5
 Presentation Format kml
 Dataset Creation Wed Dec 12 13:47:30 2018
 Charted by Depth in Feet scaled 1:240

0	GR (GAPI)	150
6	MCAL (in)	16
6	BOREID (in)	16
0	MINMK	50

0	MN 2" (Ohm-m)	20
0	MI 1" (Ohm-m)	20
10000	LTEN (lb)	0

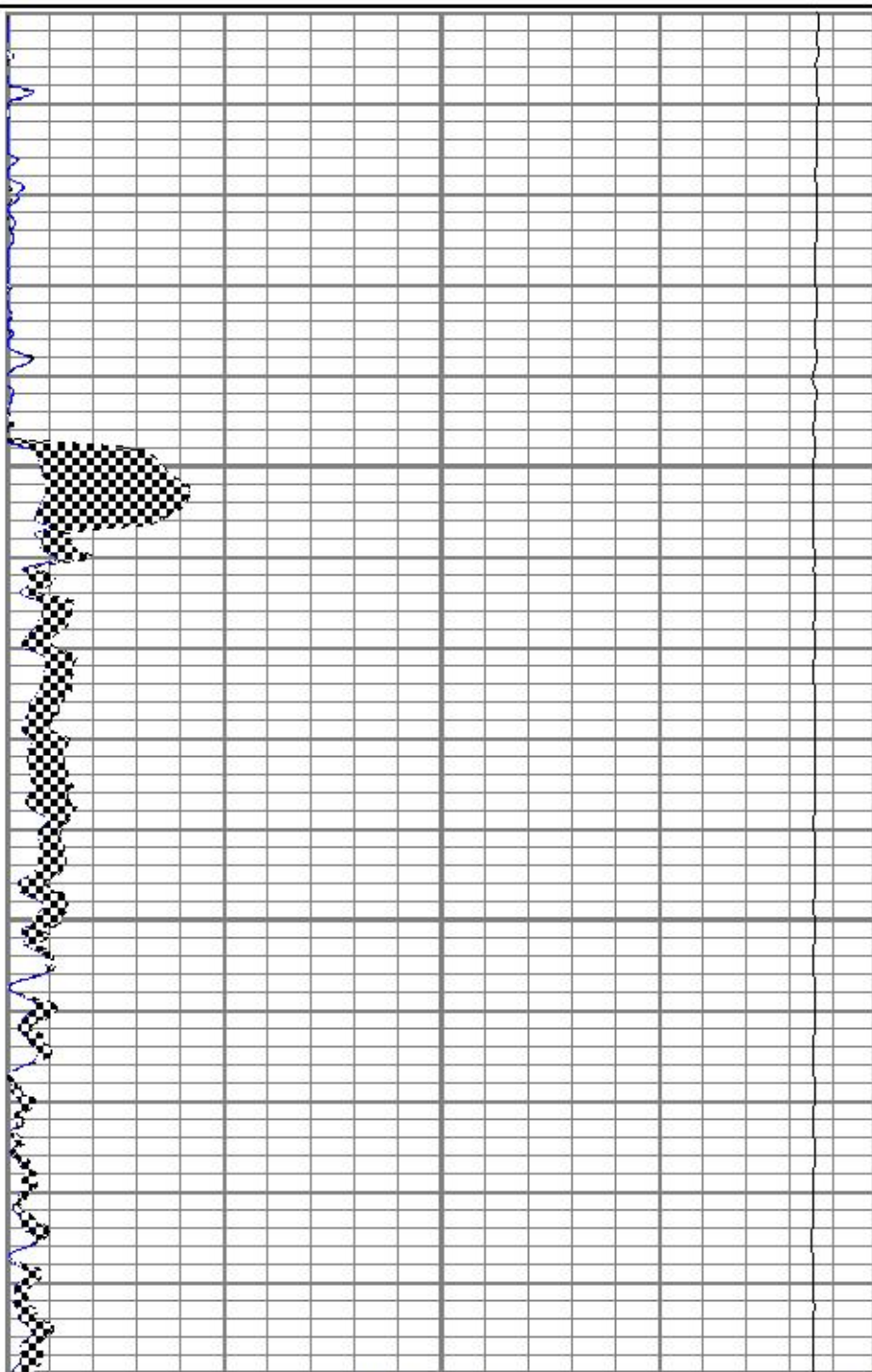


2150

2200

2250

2300



0	GR (GAPI)	150
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6	BOREID (in)	16
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0	MN 2" (Ohm-m)	20
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MAIN PASS

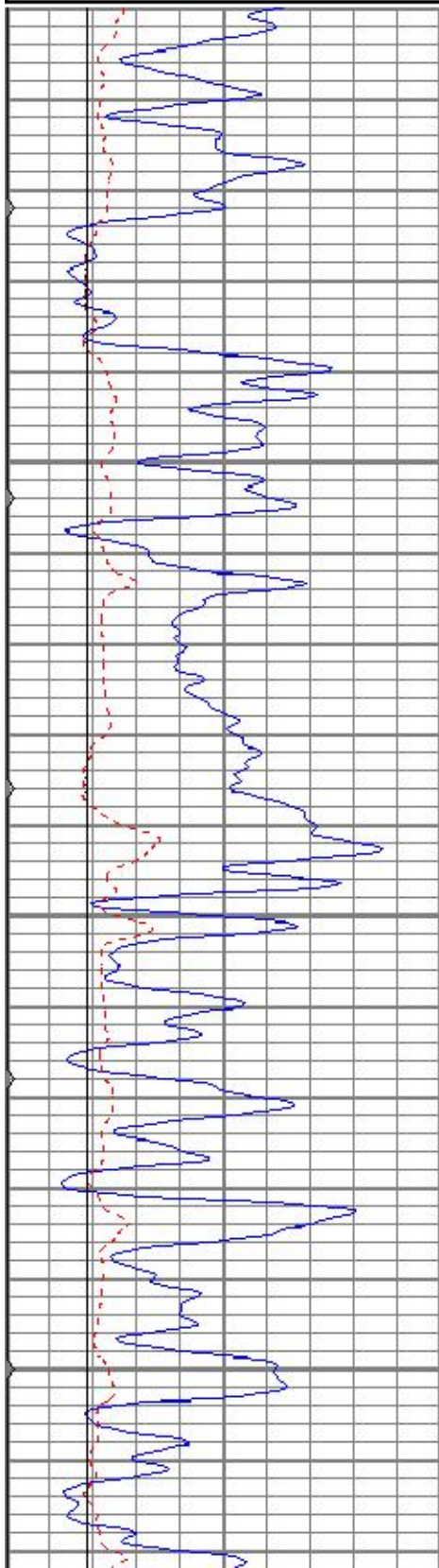


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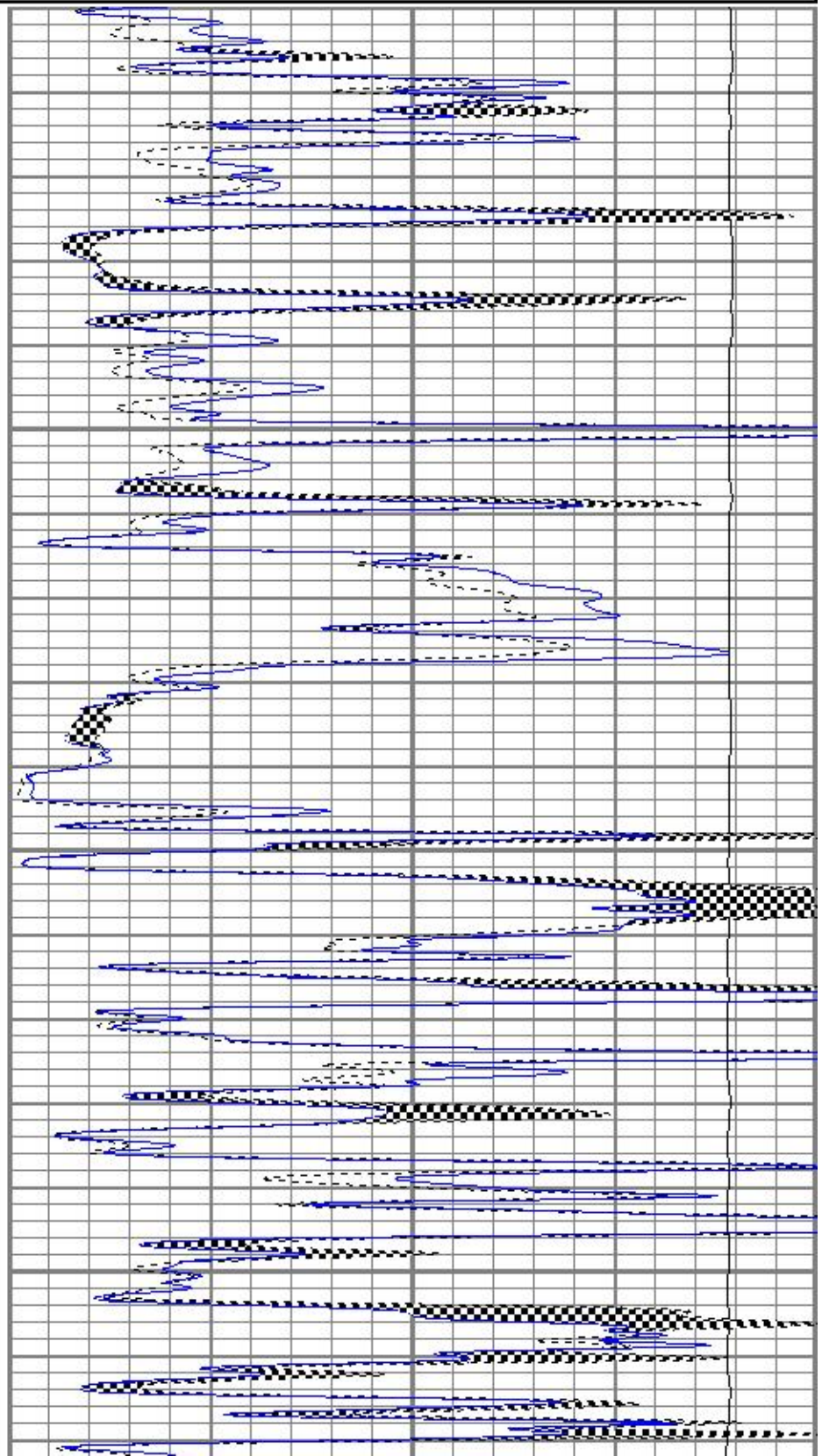


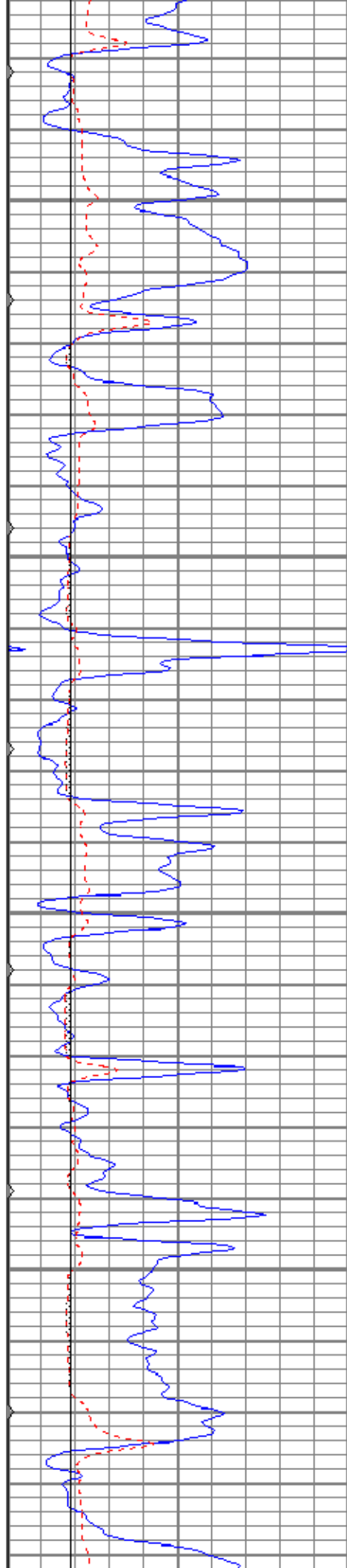
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3550

3600

3650



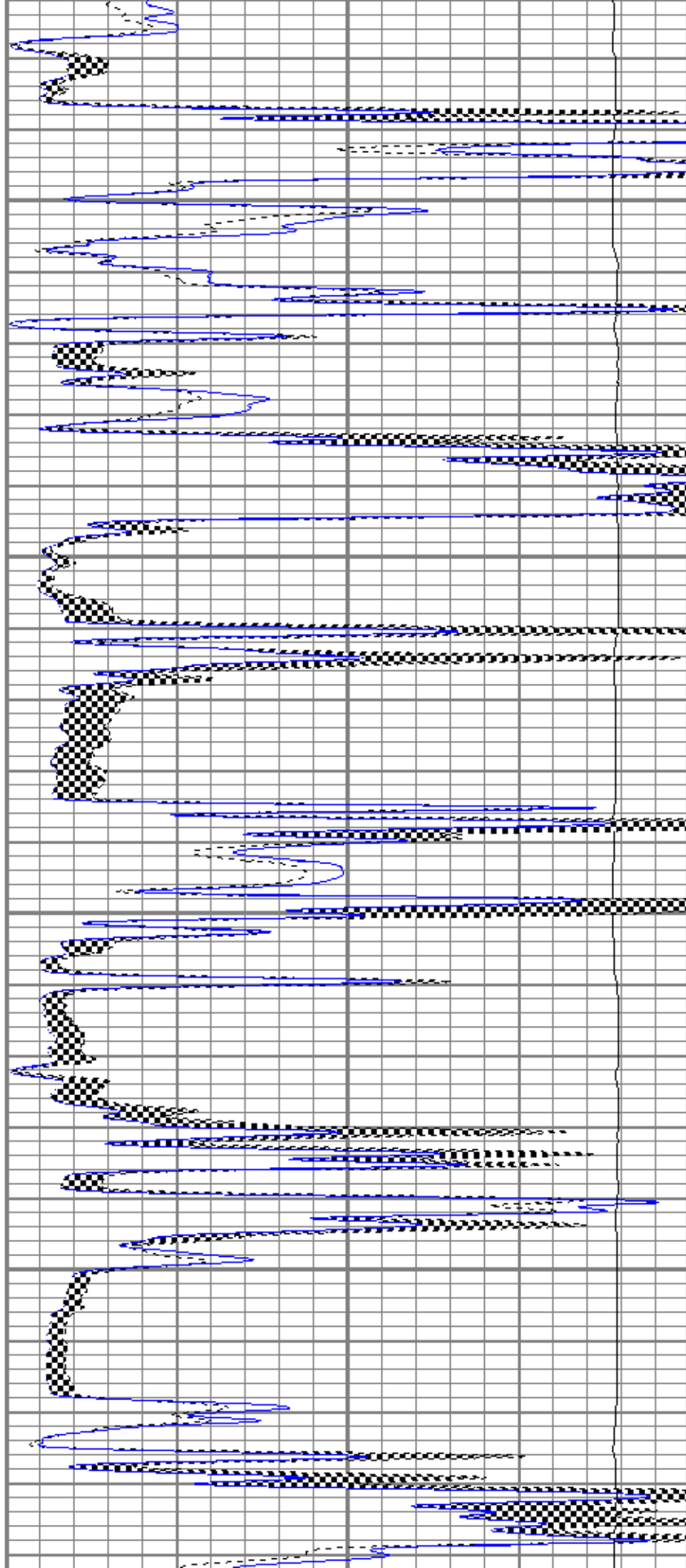


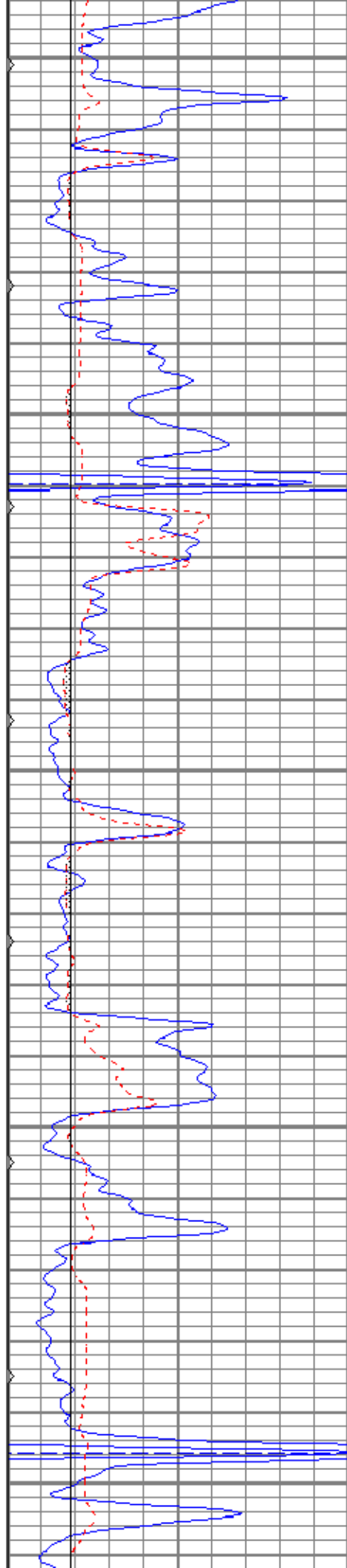
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3750

3800

3850





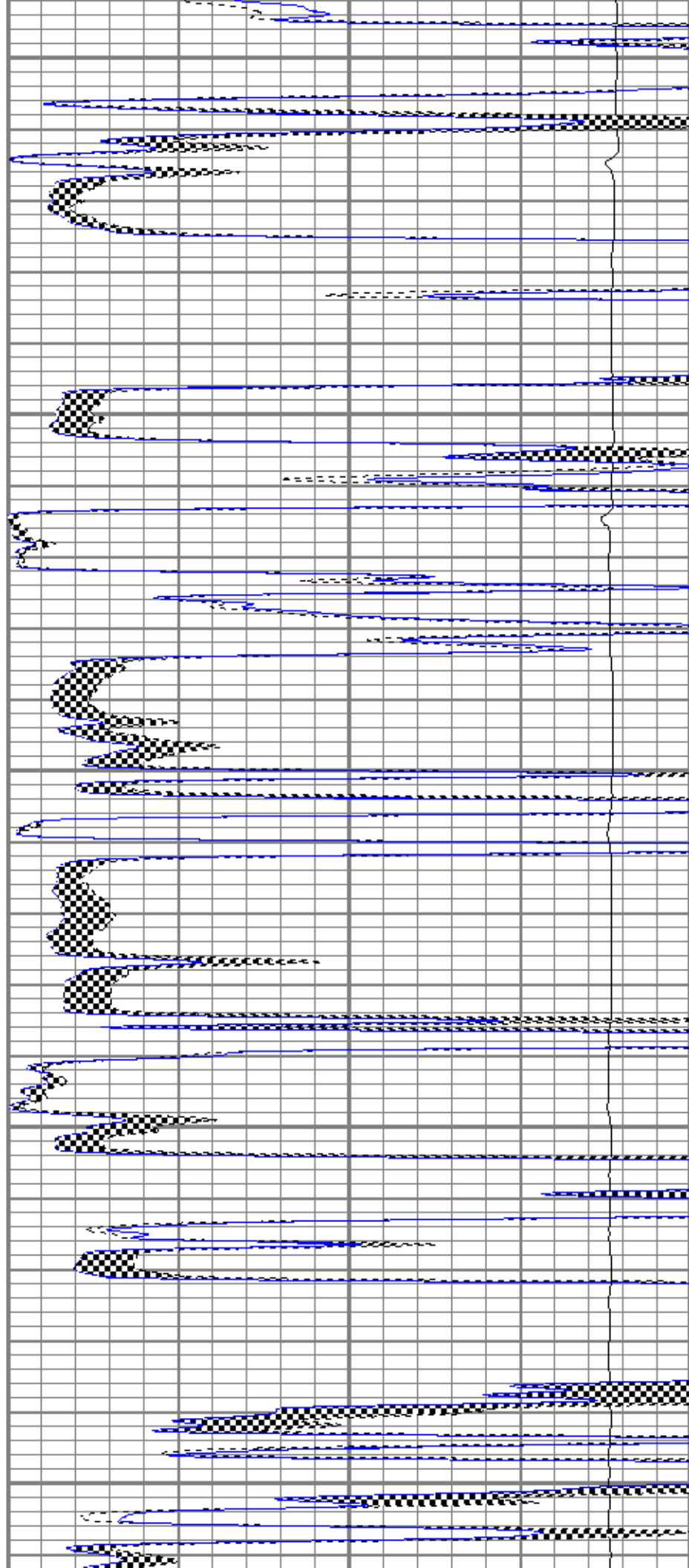
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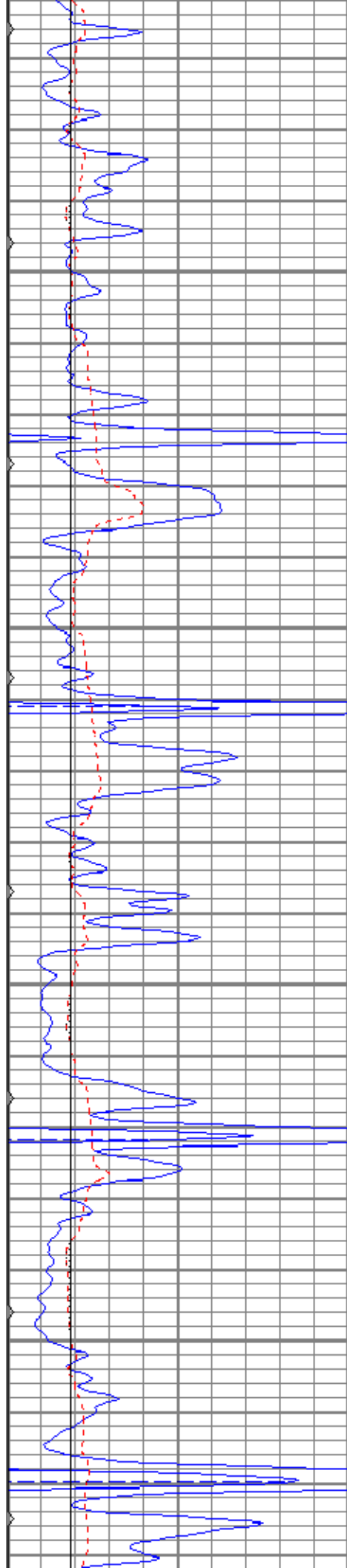
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4000

4050

4100



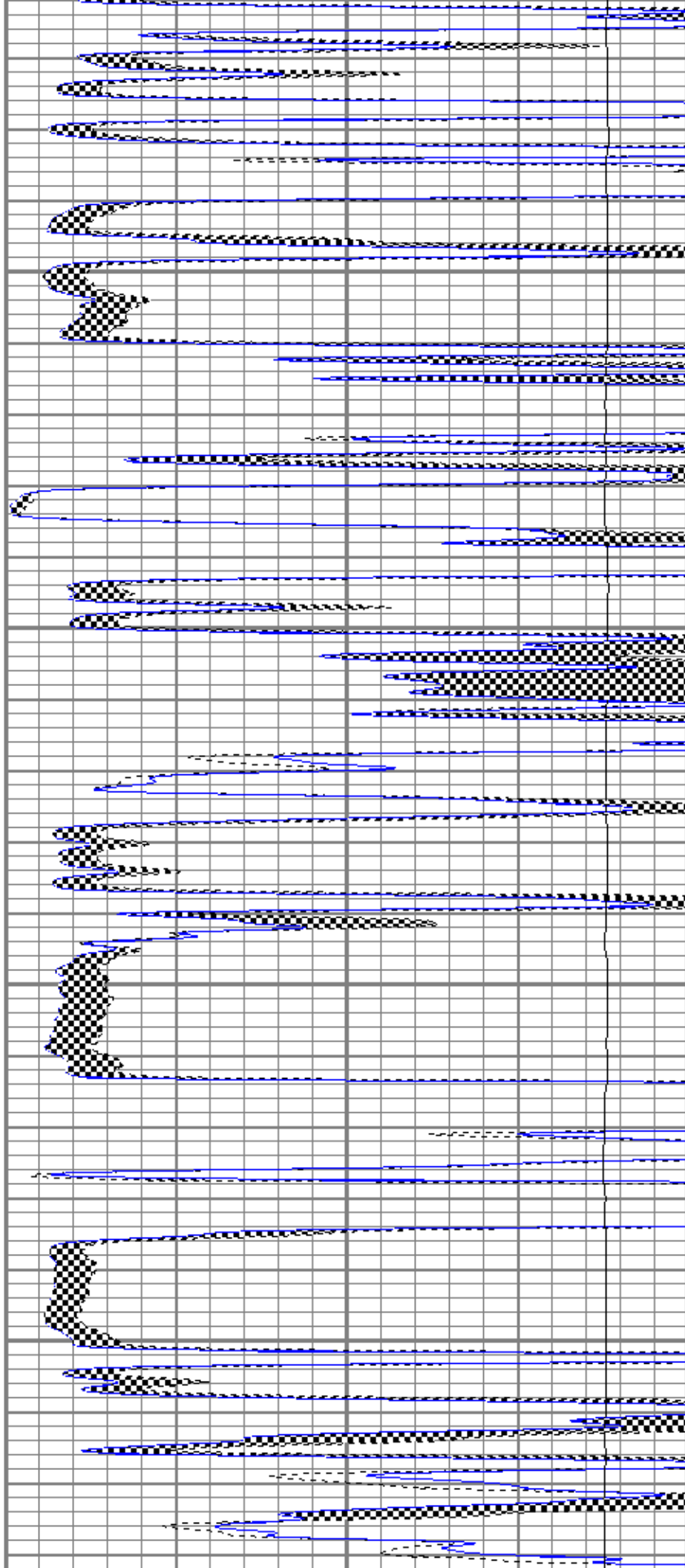


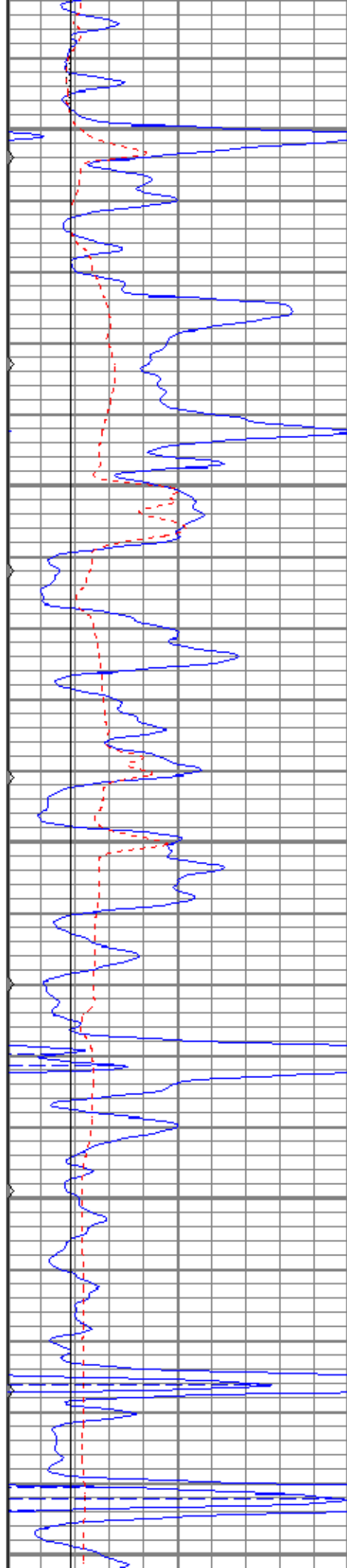
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4200

4250

4300





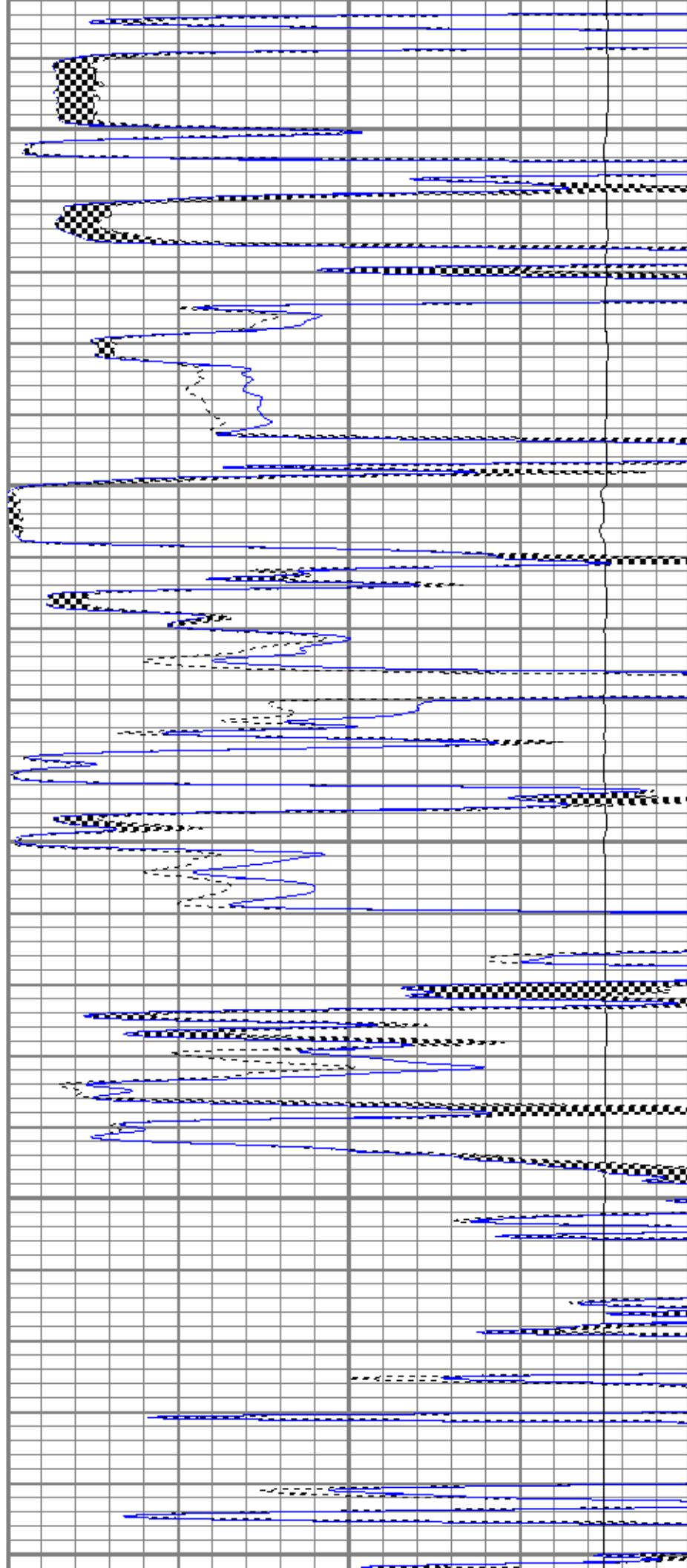
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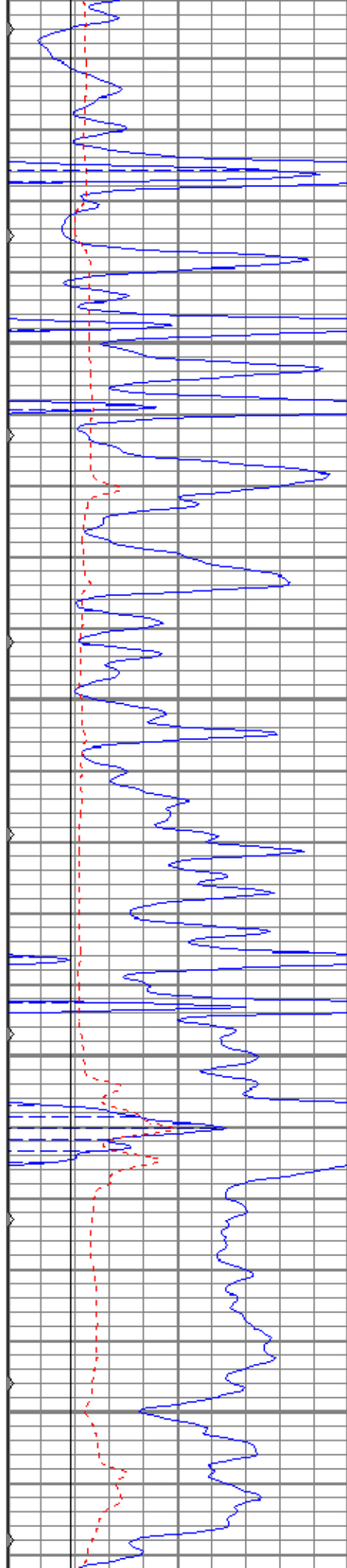
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4450

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4550



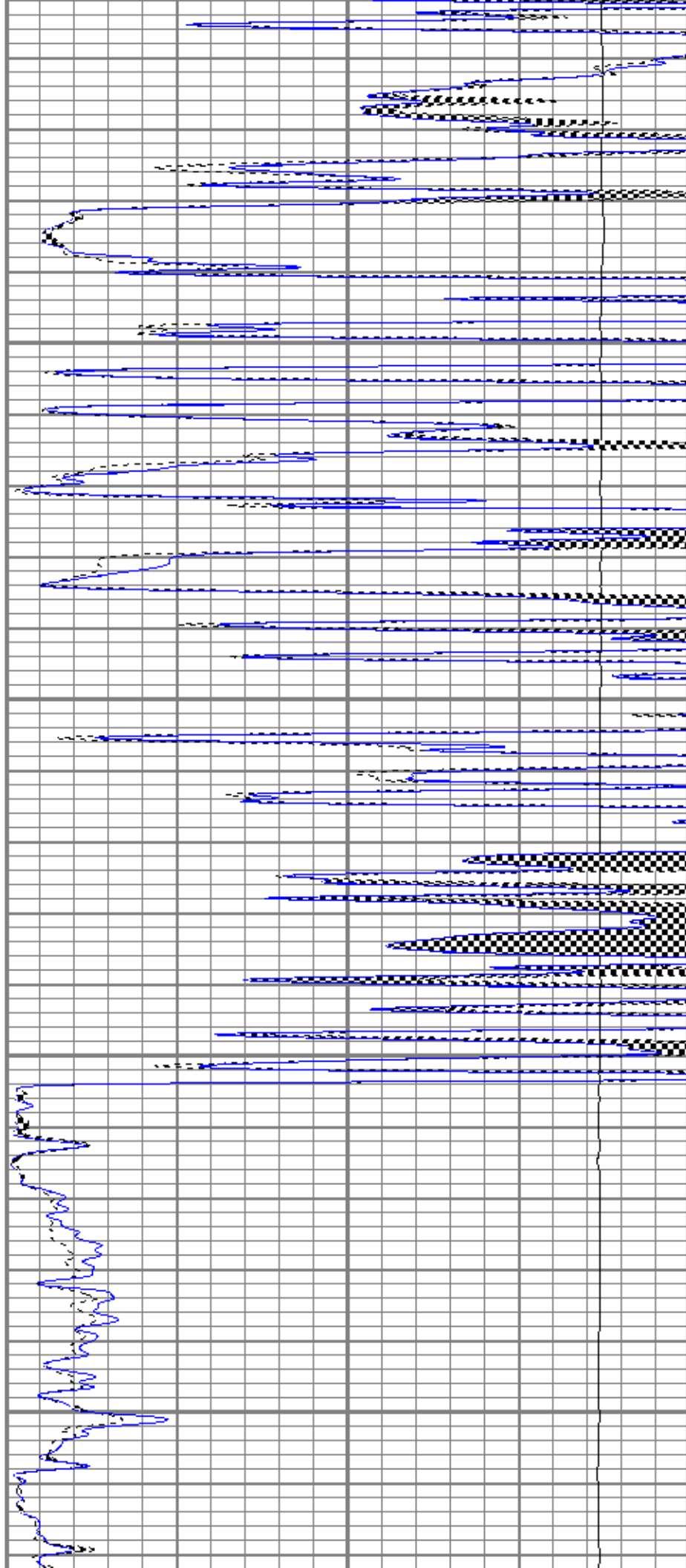


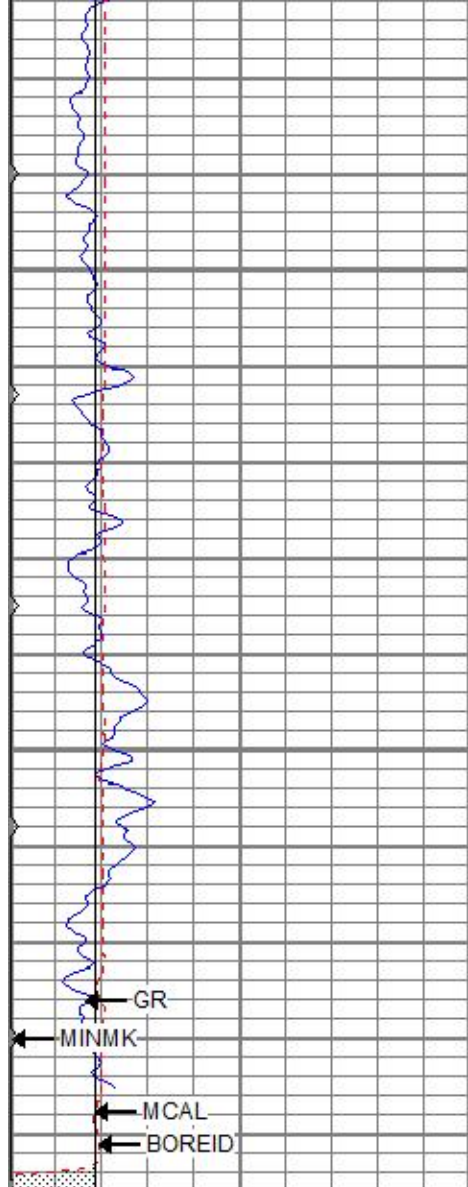
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4650

4700

4750

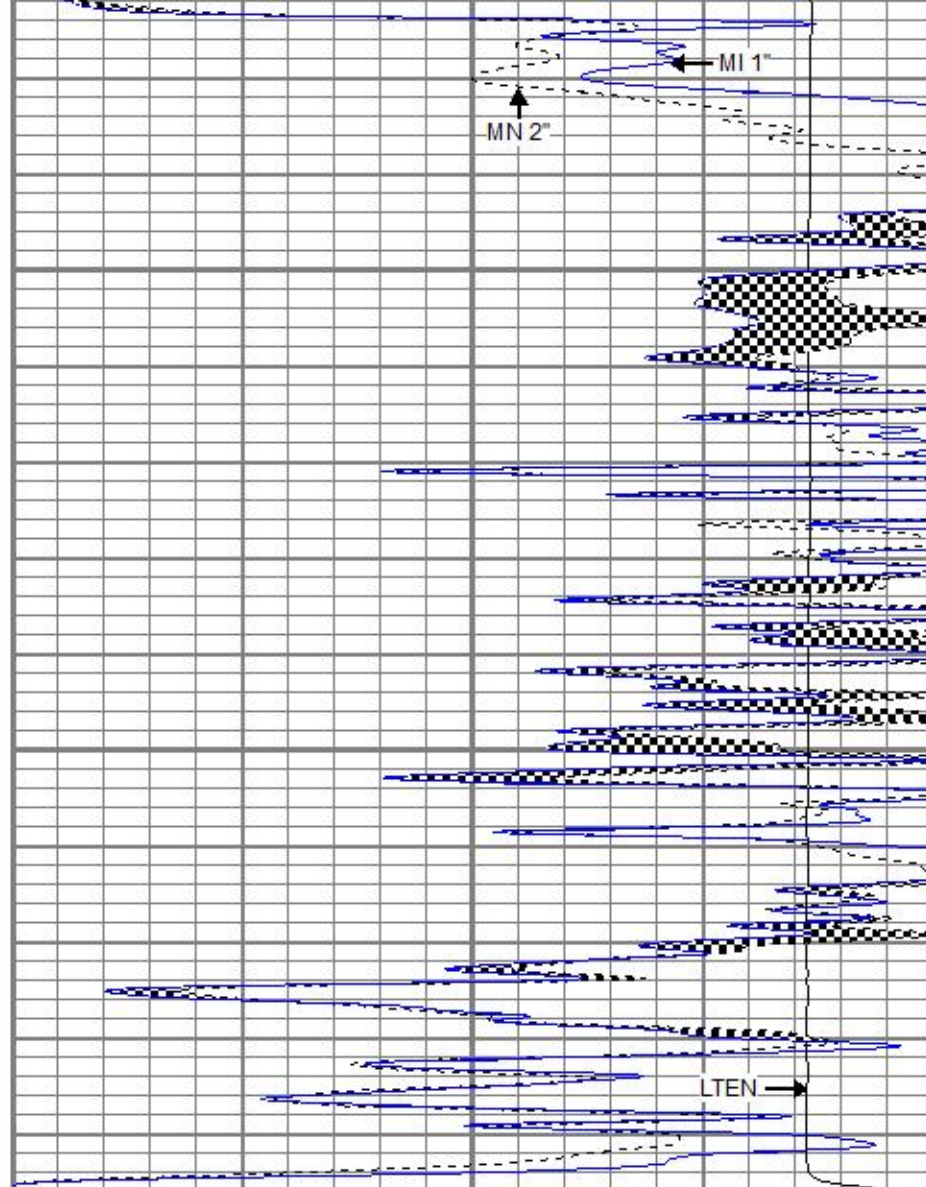




0	GR (GAPI)	150
6	MCAL (in)	16
6	BOREID (in)	16
0	MINMK	50

4800

4850



0	MN 2" (Ohm-m)	20
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10000	LTEN (lb)	0

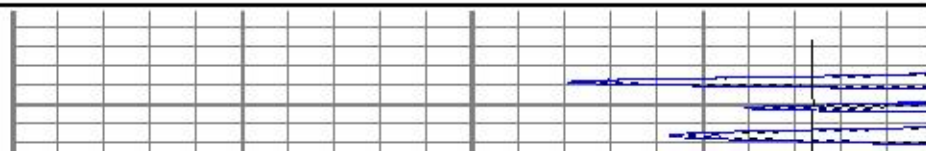
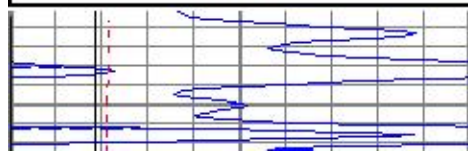


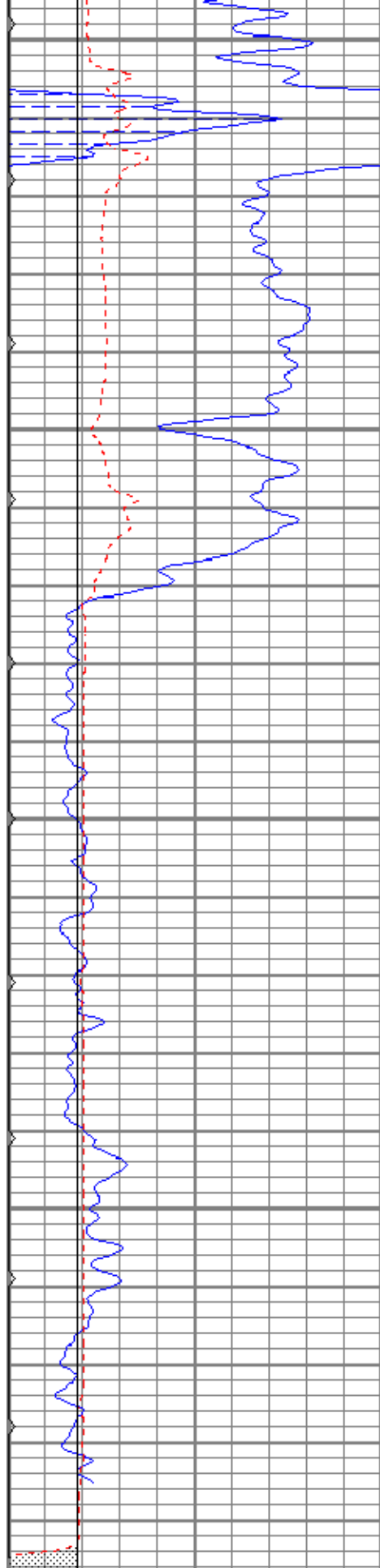
REPEAT SECTION

Database File pphillery#1oh.db
 Dataset Pathname pass4
 Presentation Format kml
 Dataset Creation Wed Dec 12 13:34:11 2018
 Charted by Depth in Feet scaled 1:240

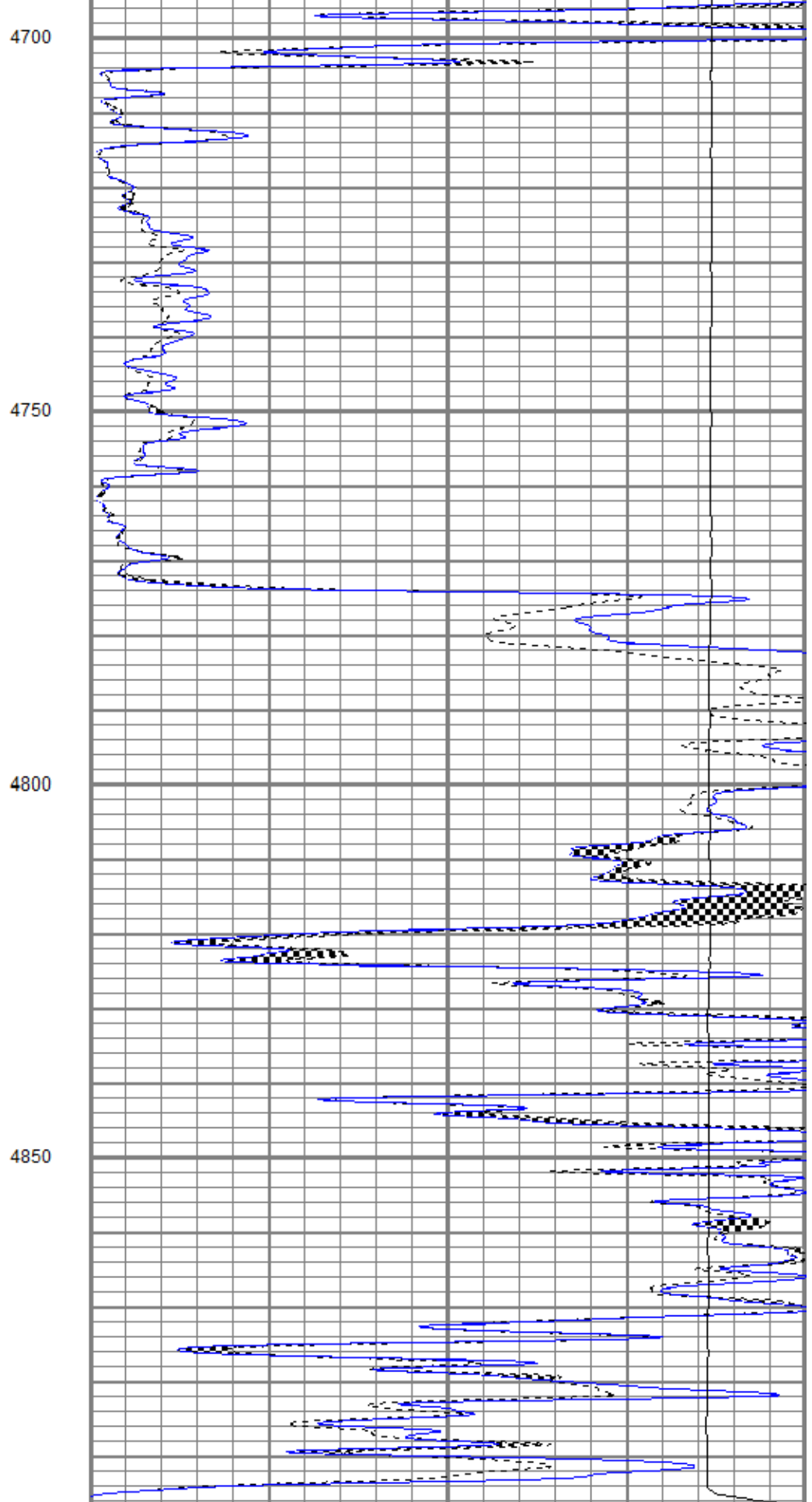
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0	MINMK	50

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6	MCAL (in)	16
6	BOREID (in)	16
0	MINMK	50



0	MN 2" (Ohm-m)	20
0	MI 1" (Ohm-m)	20
10000	LTEN (lb)	0

Calibration Report								
Database File	pphillery#1oh.db							
Dataset Pathname	pass5							
Dataset Creation	Wed Dec 12 13:47:30 2018							
Microlog Calibration Report								
Serial-Model:			1600-Pengo					
Performed:			Wed Dec 12 13:30:21 2018					
Readings			References				Results	
	Zero	Cal		Zero	Cal		m	b
Normal	0.0053	0.4836	V	0.0000	10.0000	Ohm-m	20.9081	-0.1108
Inverse	0.0067	0.6314	V	0.0000	10.0000	Ohm-m	16.0078	-0.1075
Caliper	3.9124	9.9563	V	8.0000	17.0000	in	1.4891	2.1741
Gamma Ray Calibration Report								
Serial Number:			2000					
Tool Model:			P2000					
Performed:			Sun May 06 10:04:13 2018					
Calibrator Value:			1.0		GAPI			
Background Reading:			0.0		cps			
Calibrator Reading:			1.0		cps			
Sensitivity:			0.7000		GAPI/cps			

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
GR	8.38		CHD-None	0.75	1.50	5.00
MCAL	1.30		GR-P2000 (2000)	3.67	3.25	40.00
MI	1.30		ML-Pengo (1600)	6.97	3.50	100.00
MN	1.30					
Dataset: pphillery#1oh.db: field/well/run1/pass5						
Total length: 11.38 ft						
Total weight: 145.00 lb						
O.D.: 3.50 in						