



MIDWEST WIRELINE

GAMMA RAY / CALIPER LOG

Company **Murfin Drilling Company, Inc.**
 Well **Dorsch B #1-9**
 Field **Wildcat**
 County **Cheyenne** State **Kansas**

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Location: **API #: 15-023-21553-00-00**
990' FSL & 330' FWL
SEC 9 TWP 3S RGE 37W
 Permanent Datum **Ground Level** Elevation **3431'**
 Log Measured From **Kelly Bushing**
 Drilling Measured From **Kelly Bushing**
 Other Services **CNL/CDL DIL/MEL BHCS**
 Elevation **3436'**
 K.B. **N/A**
 D.F. **N/A**
 G.L. **3431'**

Date	6/24/2021						
Run Number	One						
Type Log	BHV						
Depth Driller	5100'						
Depth Logger	5100'						
Bottom Logged Interval	5099'						
Top Logged Interval	350'						
Type Fluid In Hole	Chemical						
Salinity, PPM CL	1100						
Density	9.1						
Level	Full						
Max. Rec. Temp. F	127						
Operating Rig Time	6 Hours						
Equipment -- Location	P-108 HAYS						
Recorded By	D. Schmidt						
Witnessed By	Robert Hendrix						
Borehole Record		Casing Record					
Run No.	Bit	From	To	Size	Wgt.	From	To
One	12.25"	0'	389'	8.625"	23#	0'	389'
Two	7.875"	389'					

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All interpretations are opinions based on inferences from electrical or other measurements and Midwest Wireline LLC cannot and does not guarantee the accuracy or correctness of any interpretation, and Midwest Wireline LLC will not 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.

Comments

N/A DENOTES NOT AVAILABLE OR NON-APPLICABLE.

Bird City,
 East to 31 Rd, 3 North,
 East into

Log Measured From: Kelly Bushing 5 Ft. Above Permanent Datum

THANK YOU FOR USING MIDWEST WIRELINE LLC
785-625-3858

Your Midwest Wireline Crew	This Log Record Was Witnessed By
Engineer: D. Schmidt	Primary Witness: Robert Hendrix
Operator:	Secondary Witness:
Operator:	Secondary Witness:
Operator:	Secondary Witness:

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
GR	40.58		GR-M&W (89-M&W)	3.00	3.50	50.00
CNLSC CNSSC	37.48 36.73		CNT-M&W (tk10-MW)	5.50	3.50	100.00
LSD DCAL SSD	28.43 28.42 27.93		CDL-M&W (915-956)	8.50	4.00	250.00
MCAL MI MN	19.83 19.83 19.83		ML-PSI STKBL ML (PSI-02) Stackable Microlog Tools	7.58	4.00	65.00
RLL3F RLL3	15.80 15.80		DIL-PSI HIGH TEMP (959-1032)	18.50	3.50	220.00
CILD	8.00					
CILM	4.70					
SP	0.20					

Dataset: murfin_dorsch b 1-9.db: field/well/stkml/pass4.7
 Total length: 43.08 ft
 Total weight: 685.00 lb
 O.D.: 4.00 in

Log Variables

DatabaseC:\ProgramData\Warrior\Data\murfin_dorsch b 1-9.db
 Dataset field/well/stkml/pass4.7/_vars_

Top - Bottom

A	BOREID in	BOTTEMP degF	CASEOD in	CASETHCK in	FLUIDDEN g/cc	M	MATRXDEN g/cc
1	7.875	127	5.5	0	1	2	2.71
NPORSEL	PERFS	SNDERR mmho/m	SNDERRM mmho/m	SPSHIFT mV	SRFTEMP degF	SZCOR	TDEPTH ft
Limestone	0	0	0	355	80	Off	5100



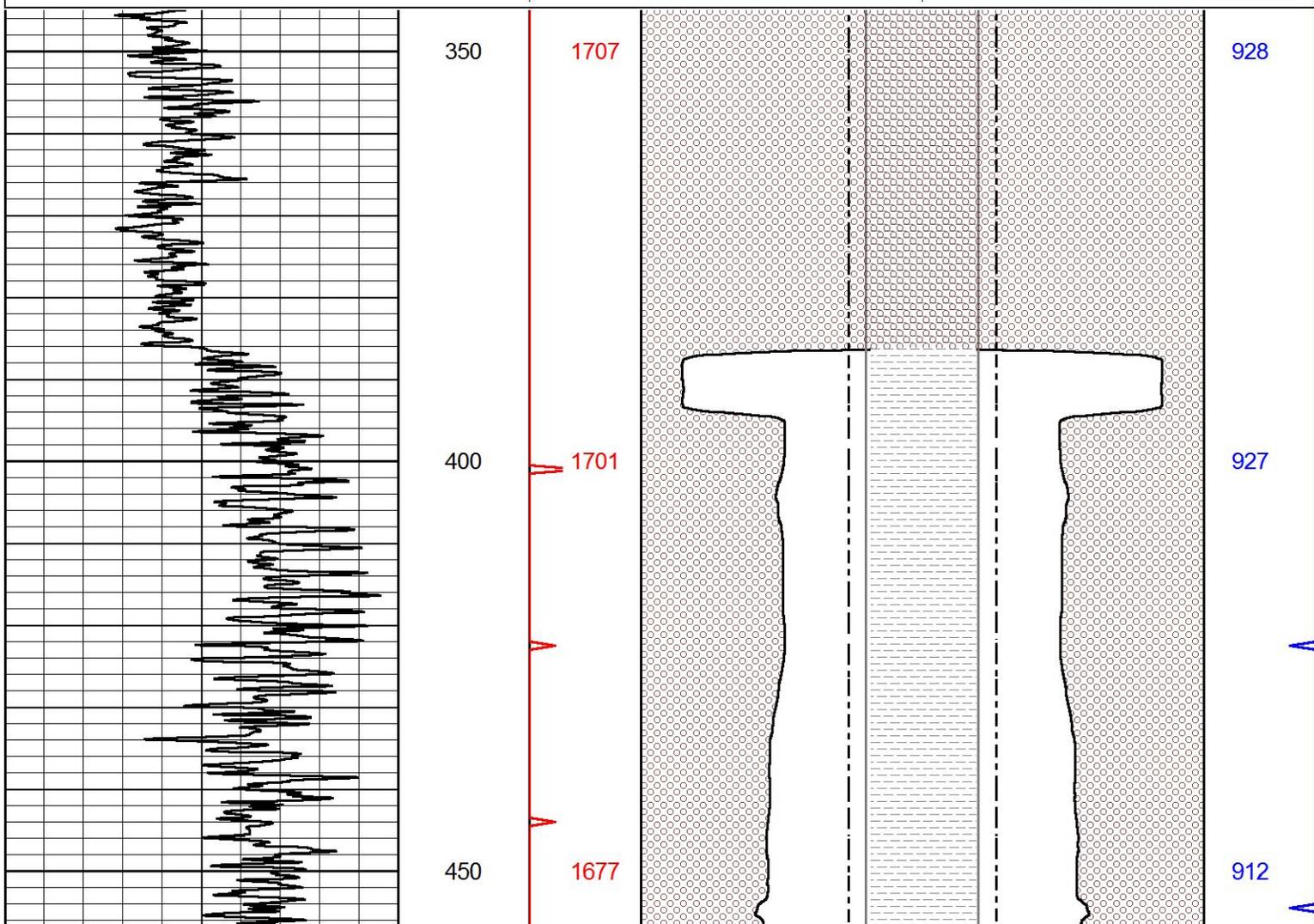
MIDWEST WIRELINE

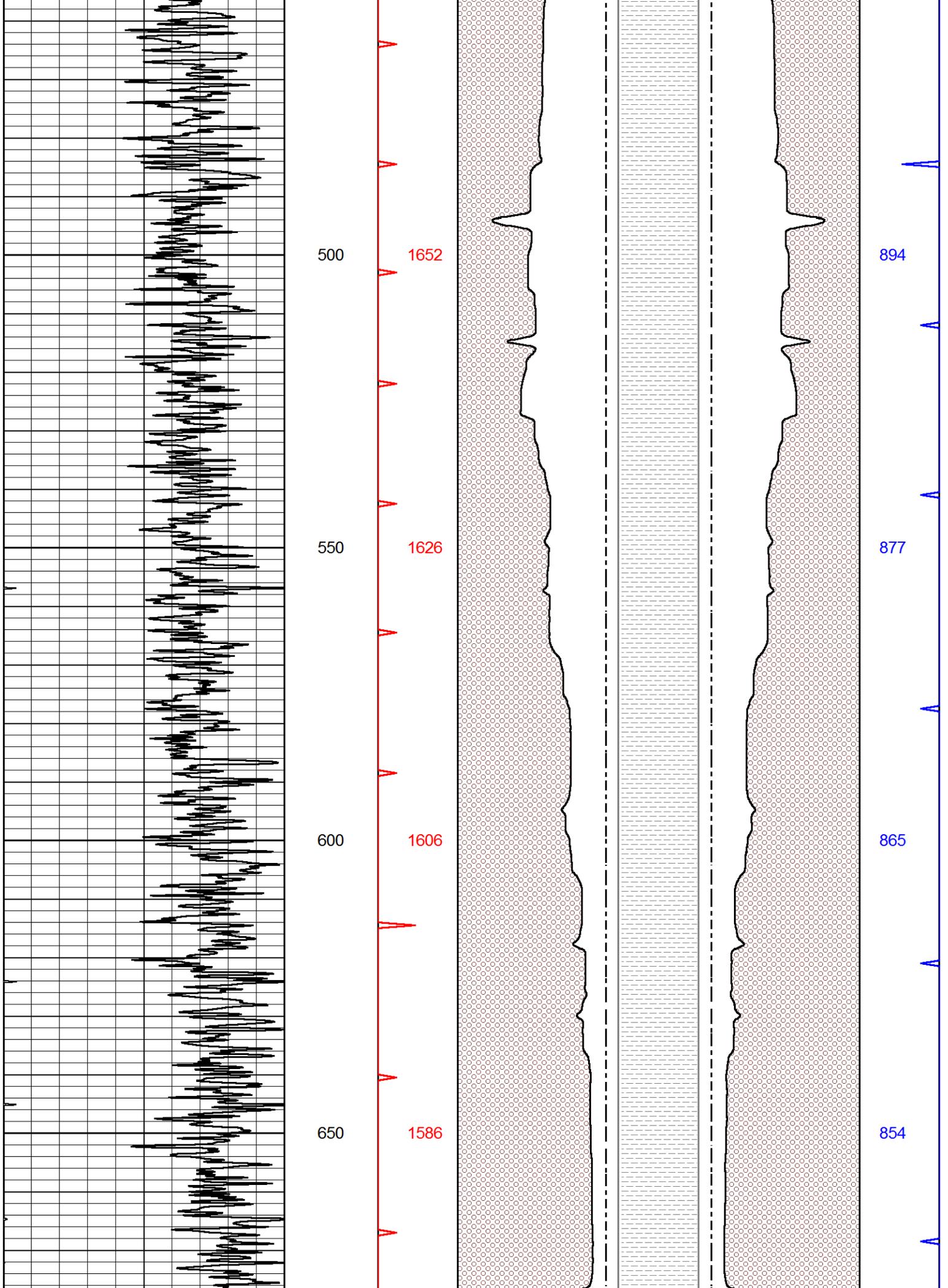
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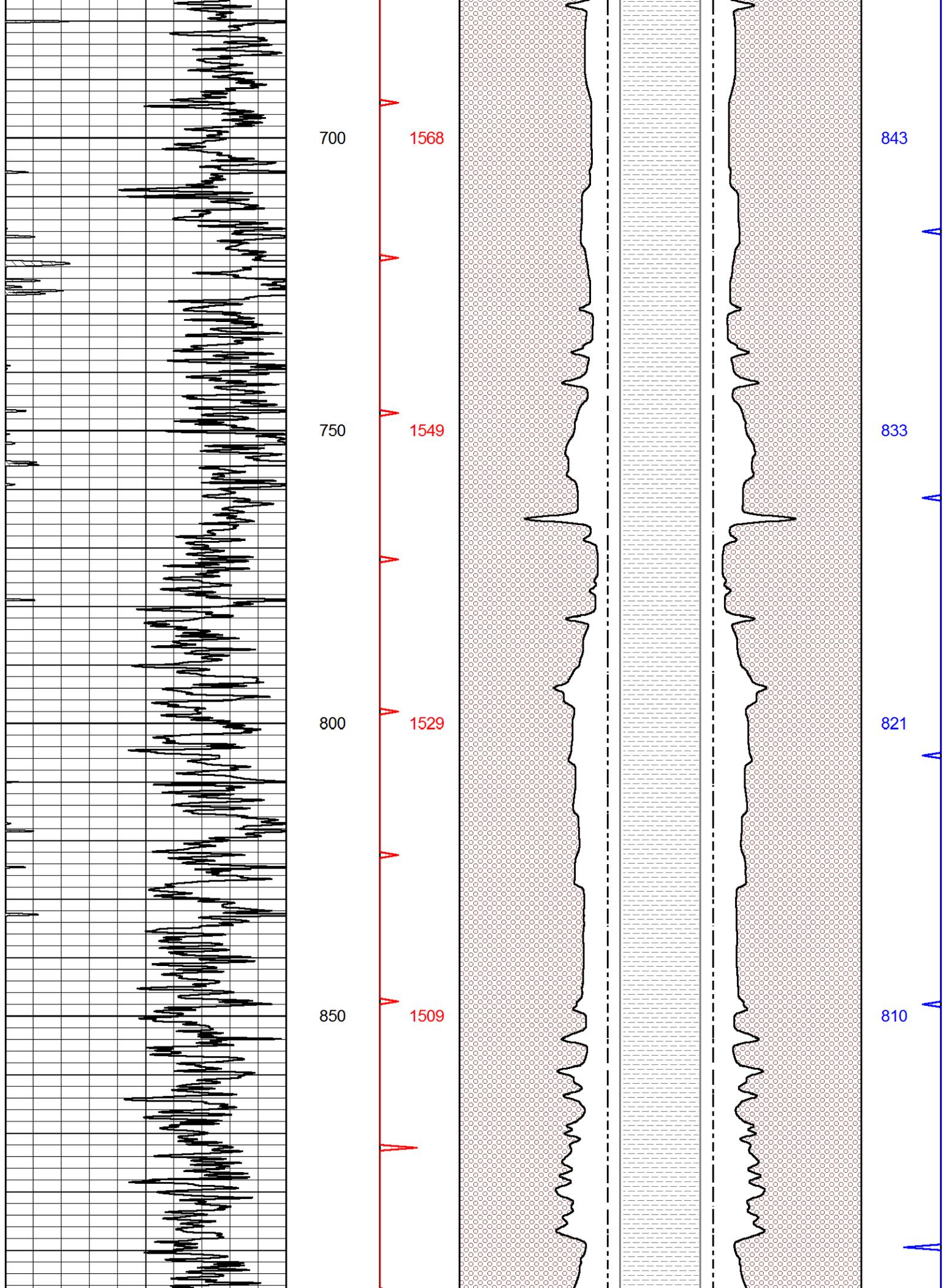
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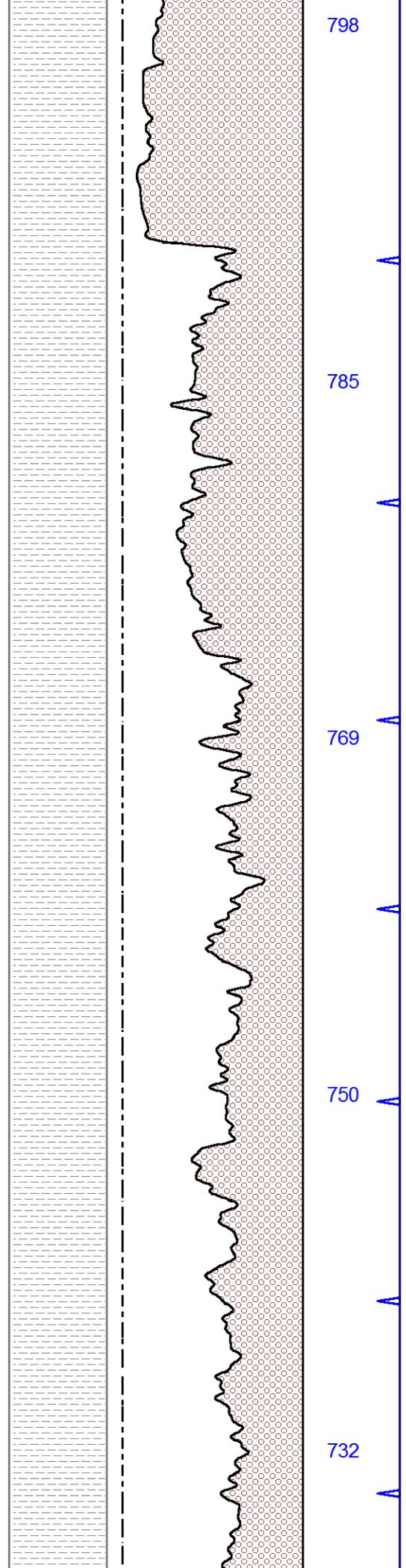
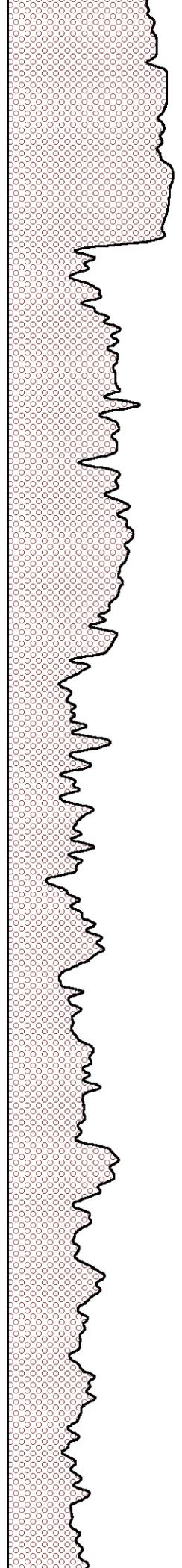
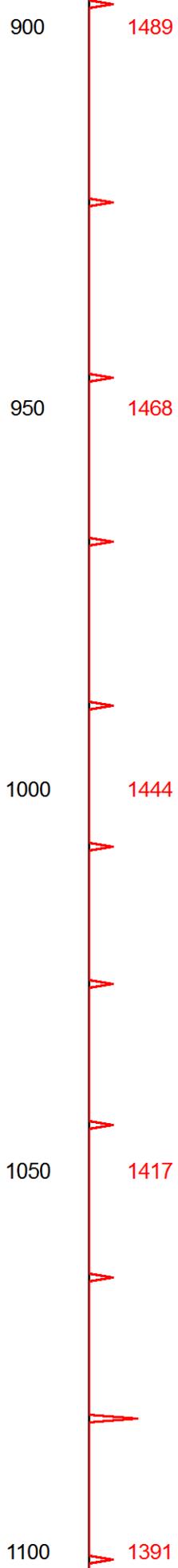
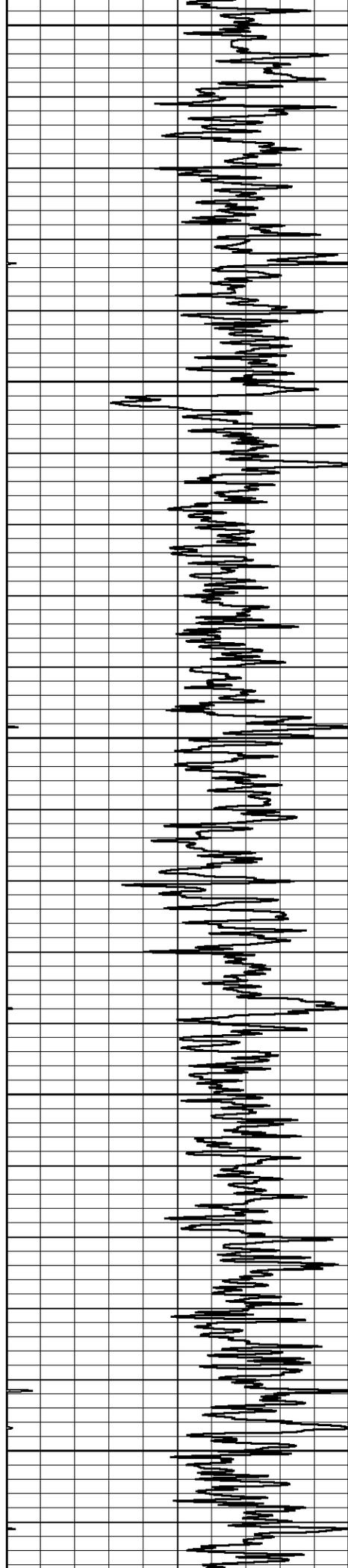
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 Dataset Creation Fri Jun 25 00:52:28 2021
 Charted by Depth in Feet scaled 1:240

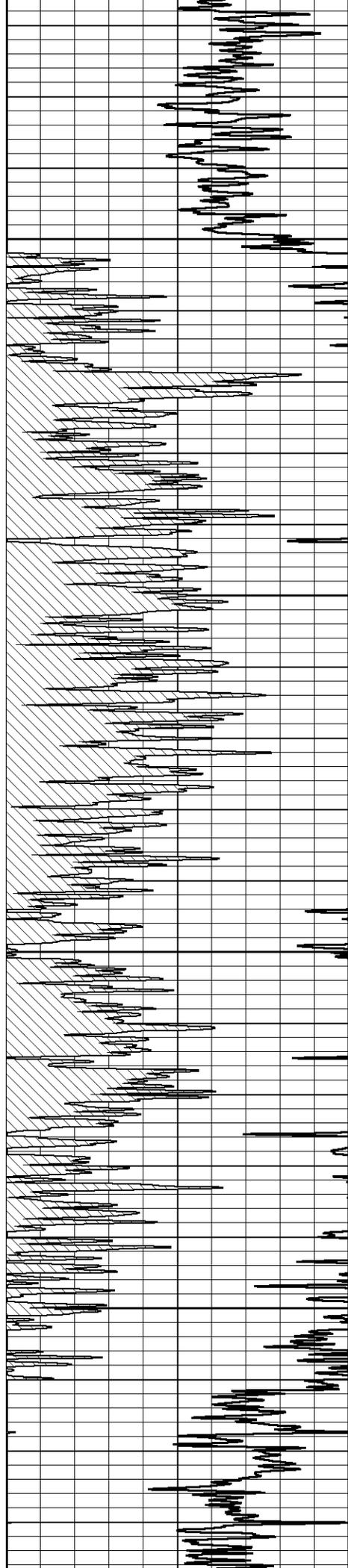
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			16	BIT SIZE	6	6	BIT SIZE	16
			0	BVTX (ft3)	15	15	AVTX (ft3)	0











1150

1200

1250

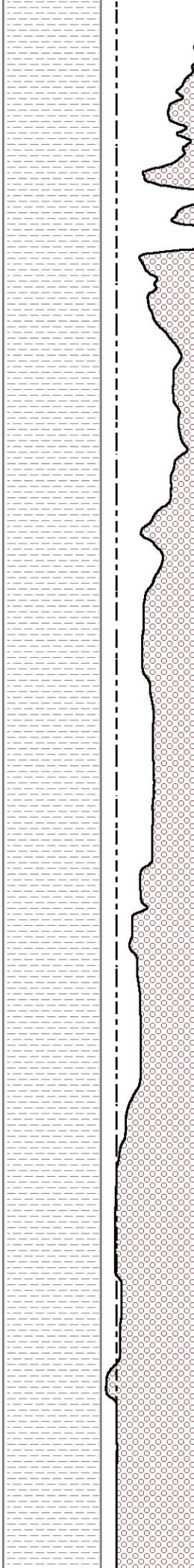
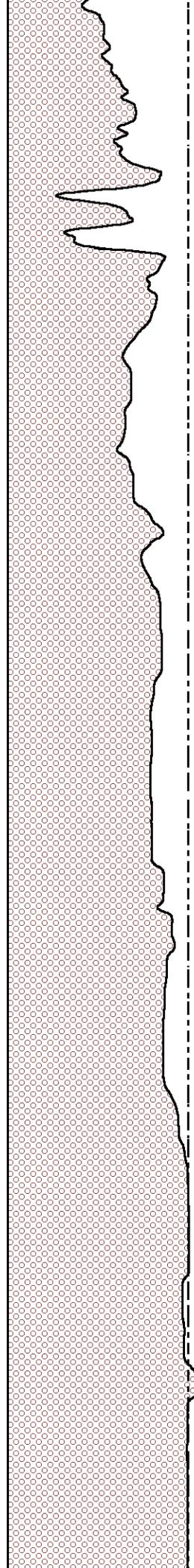
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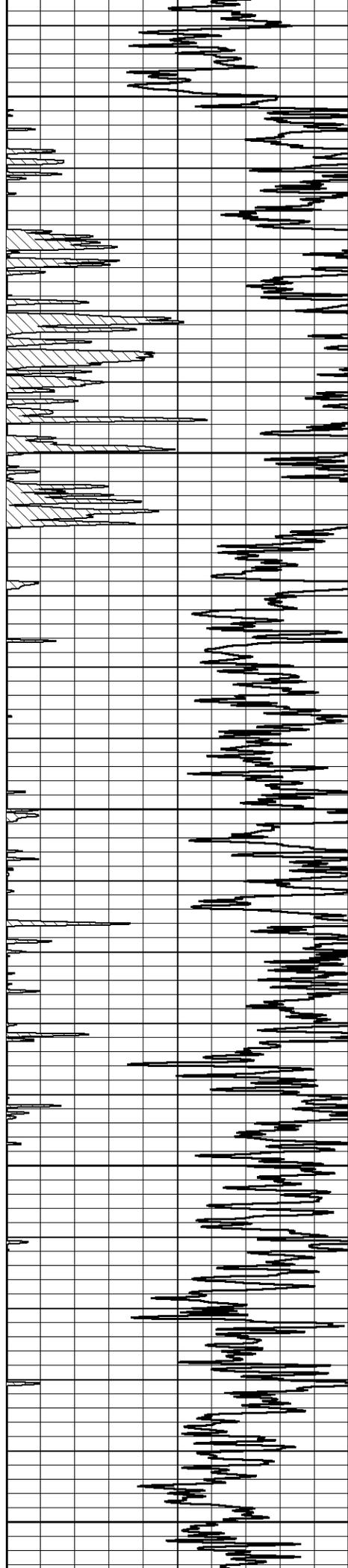


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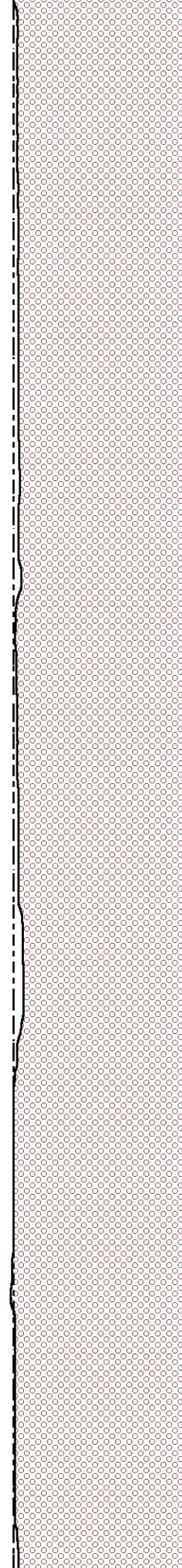
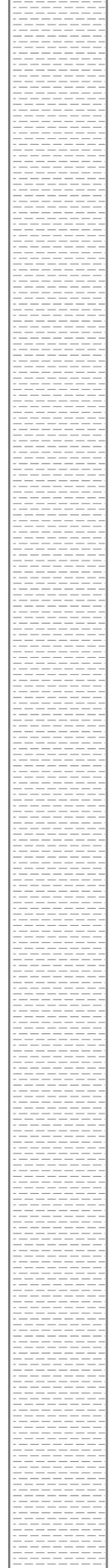
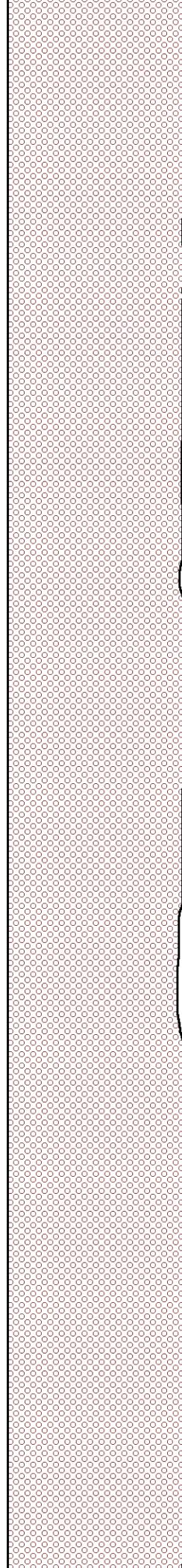
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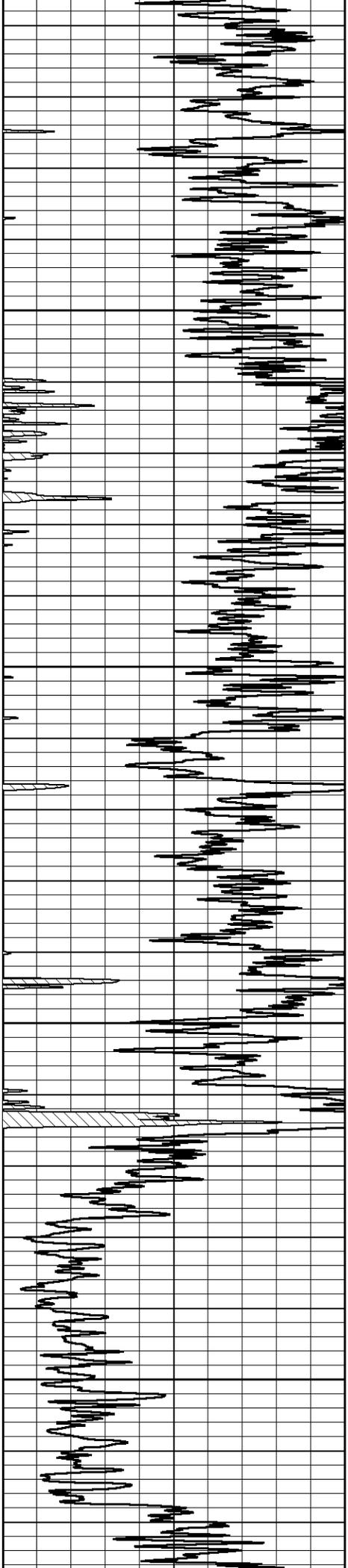
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1211

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1650

1195

627

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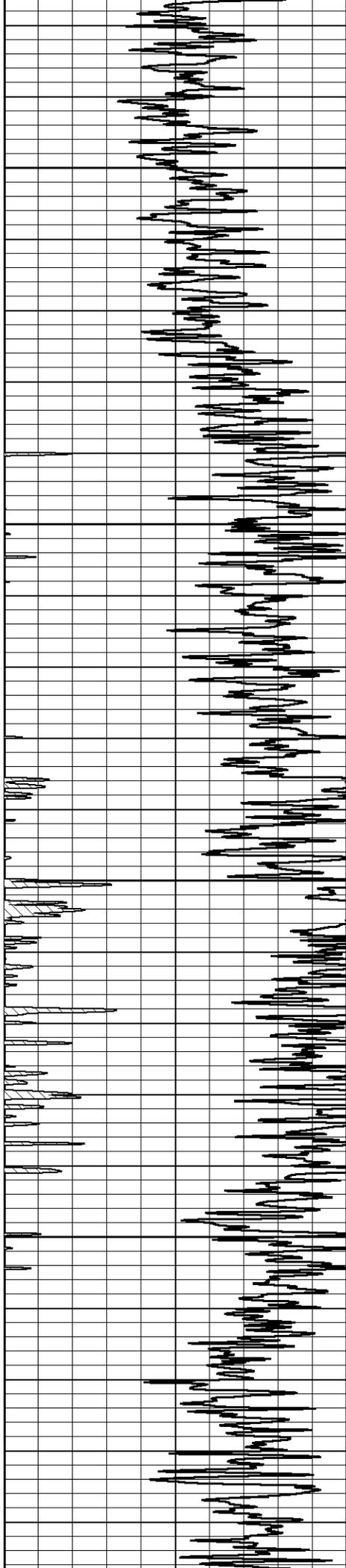
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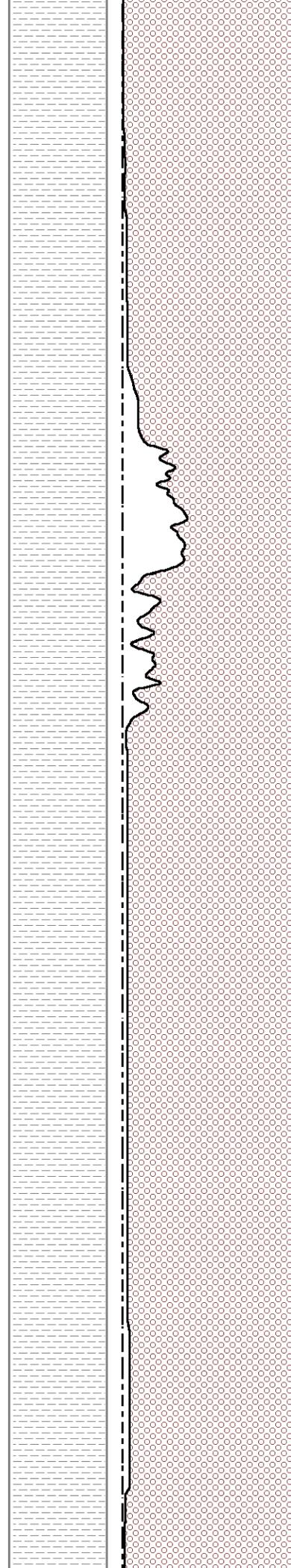
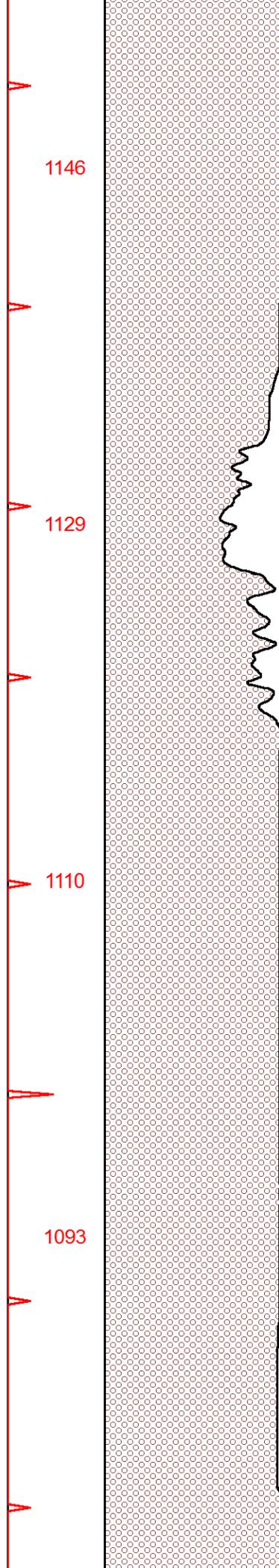
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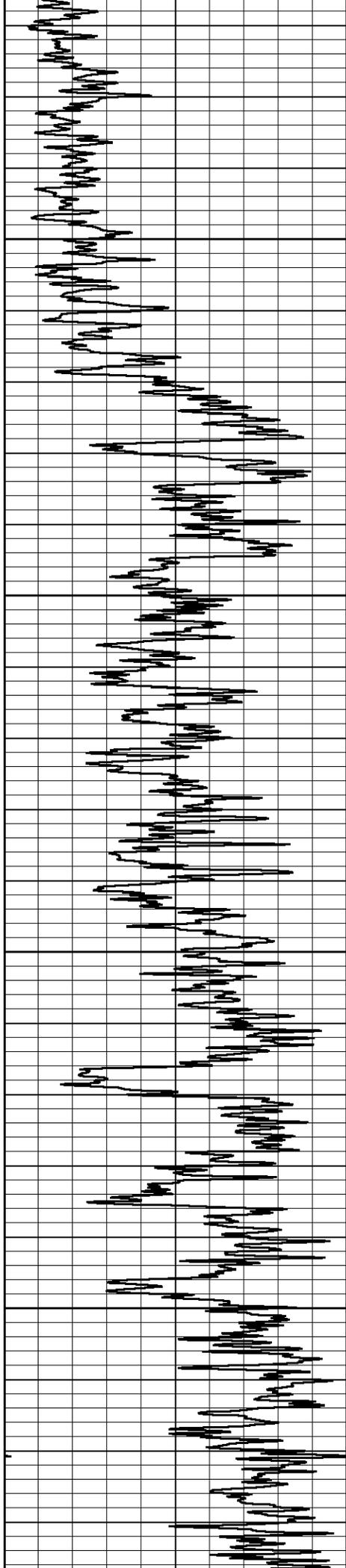
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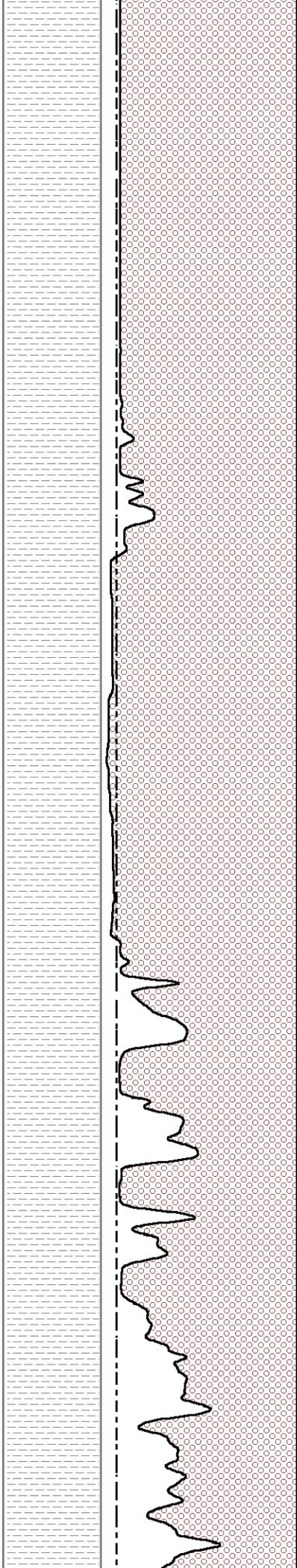
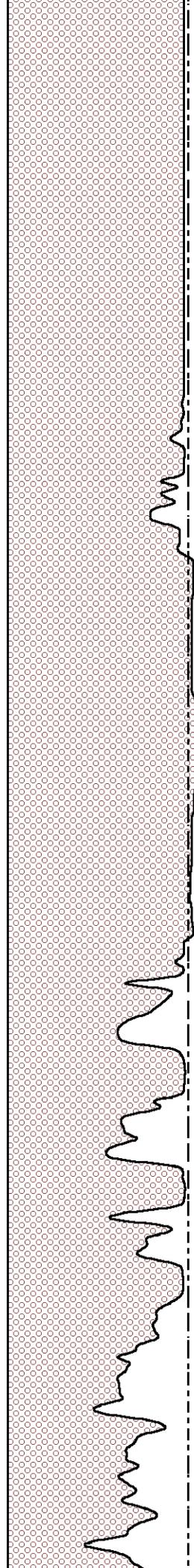
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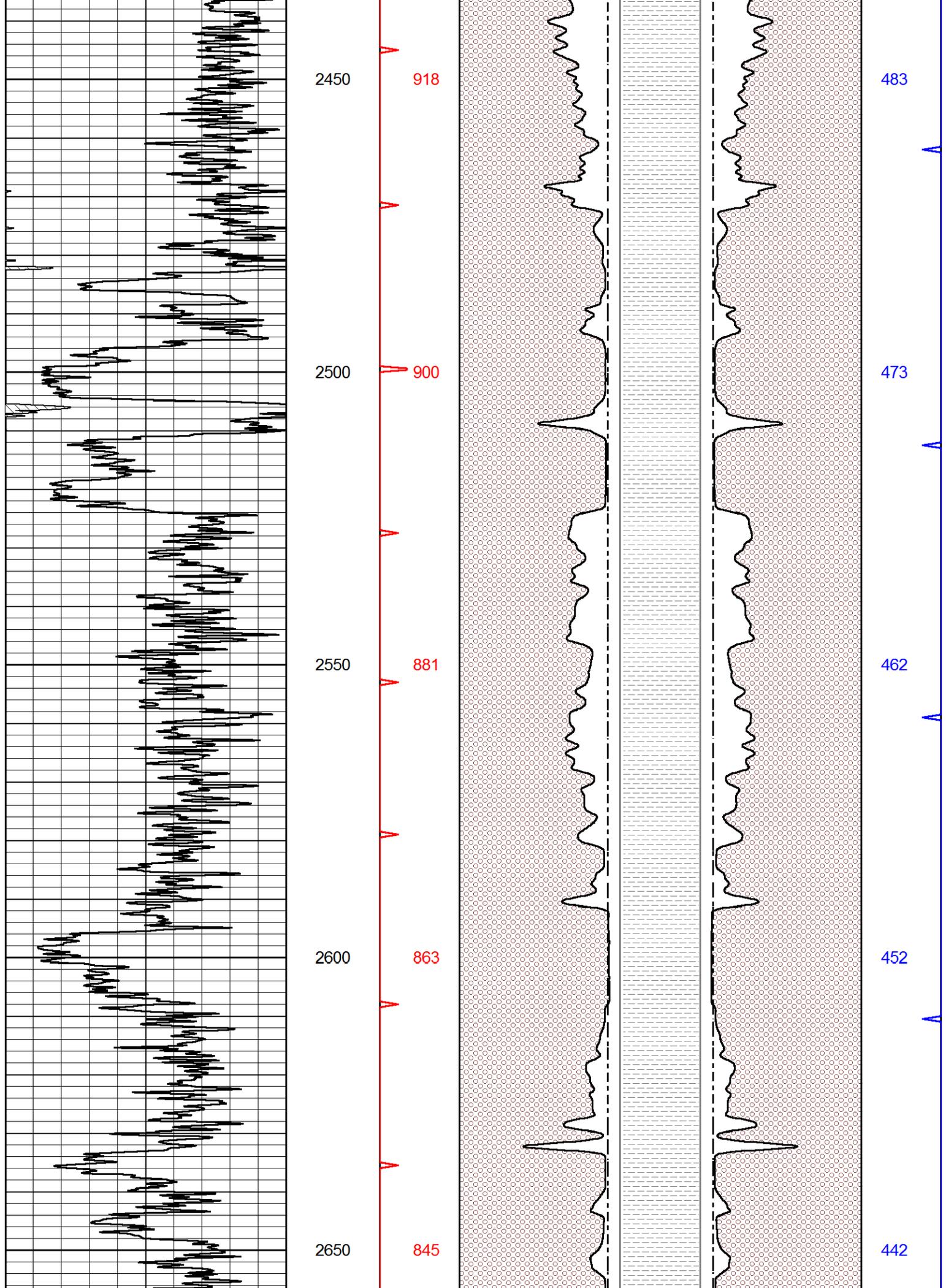
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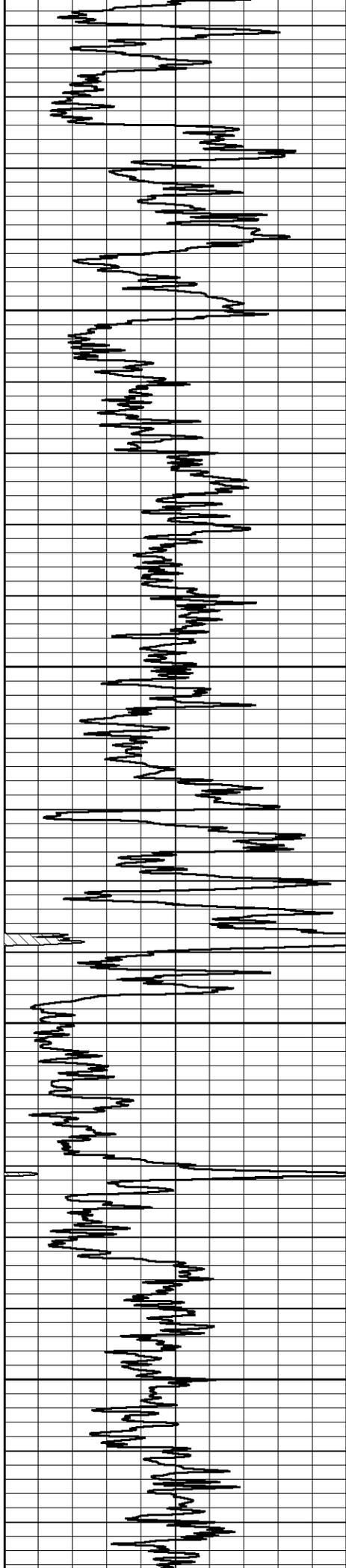
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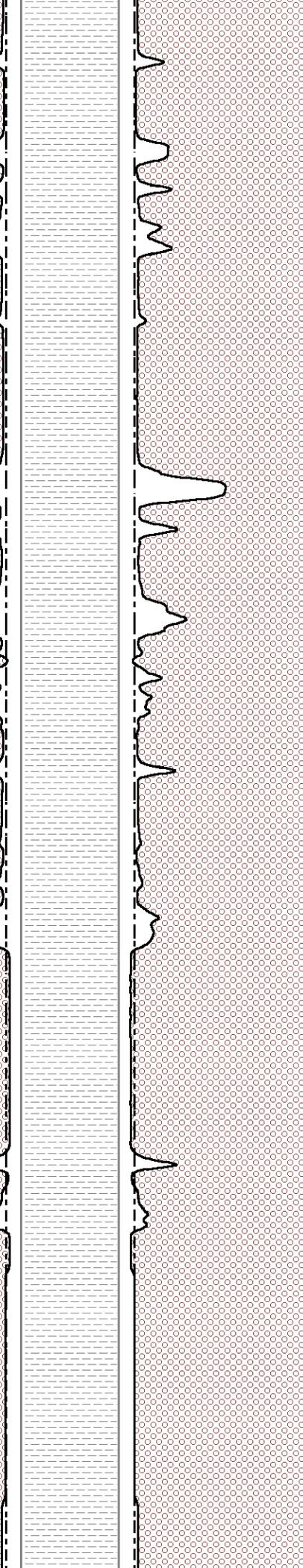
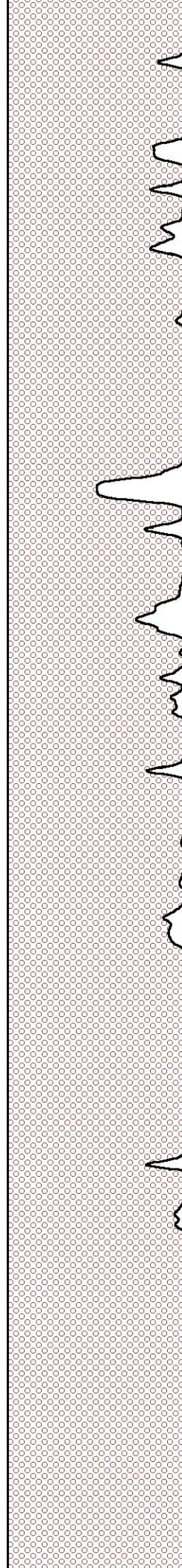
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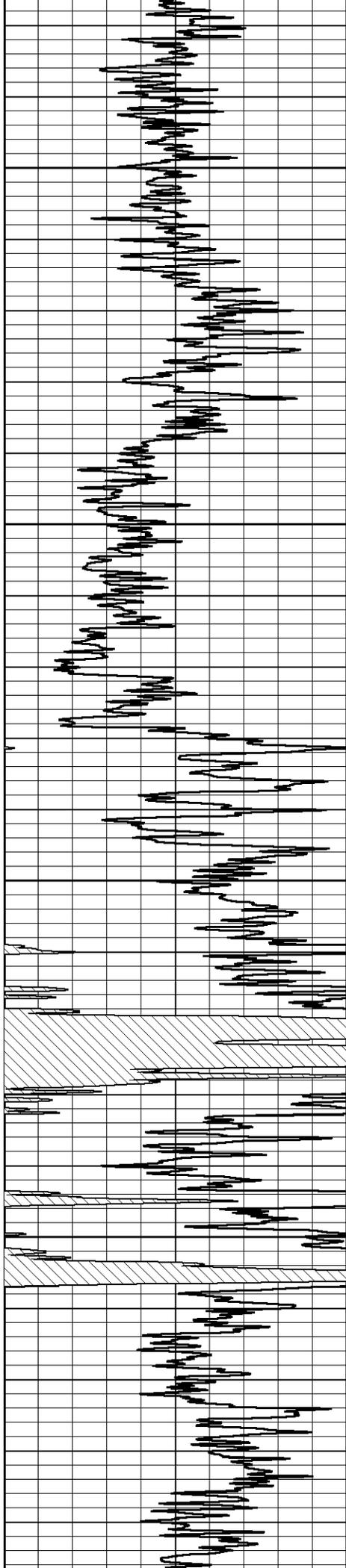


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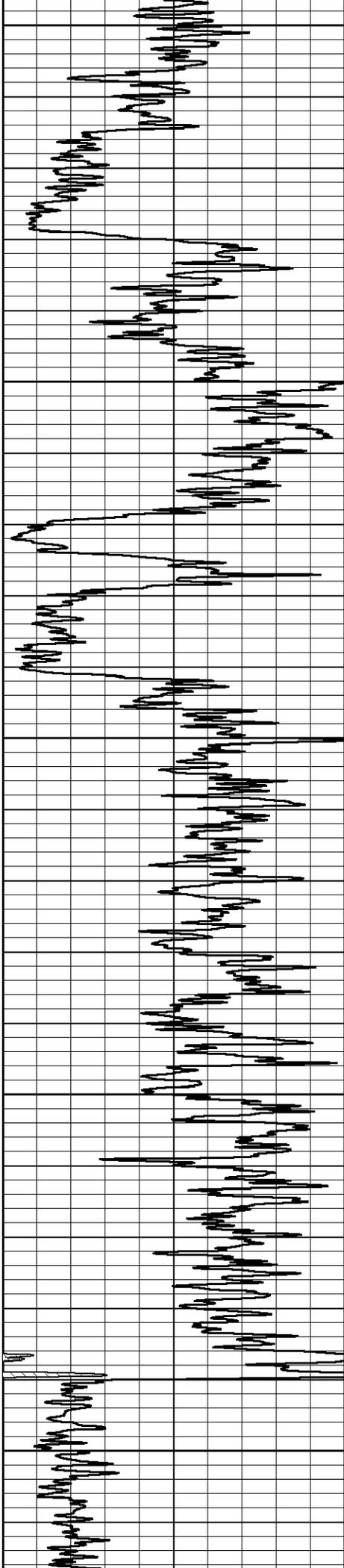
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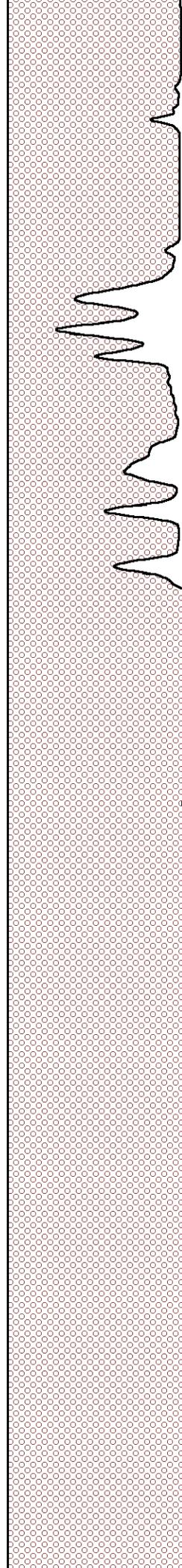
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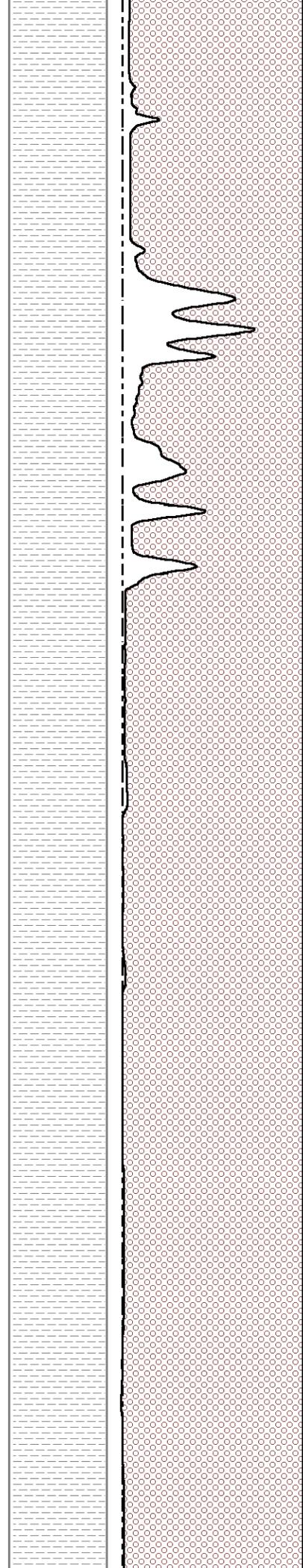
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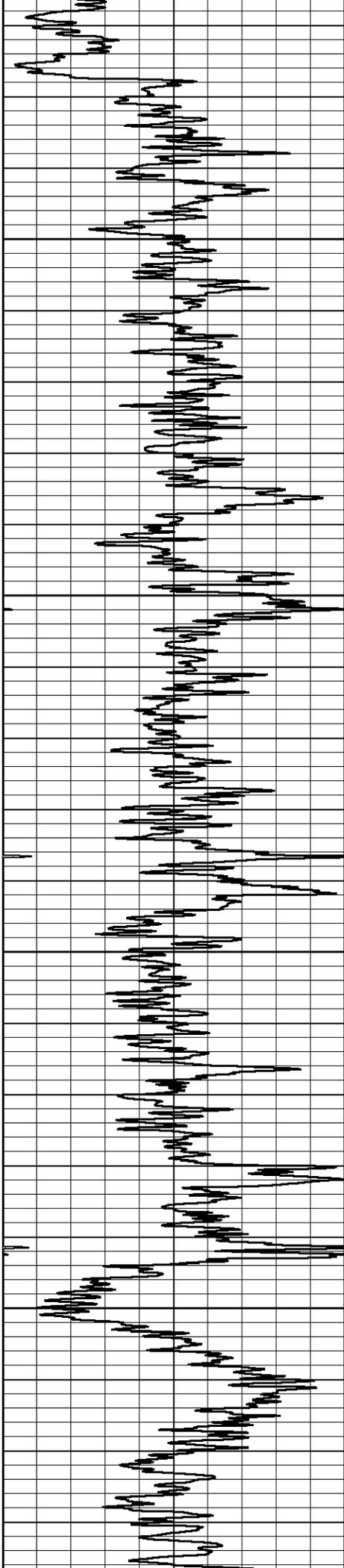
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3350

602

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306

3450

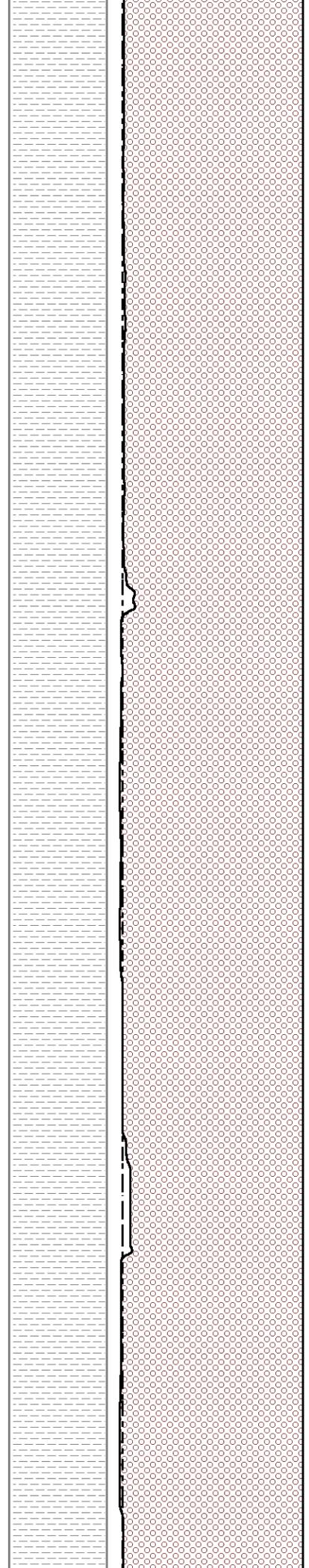
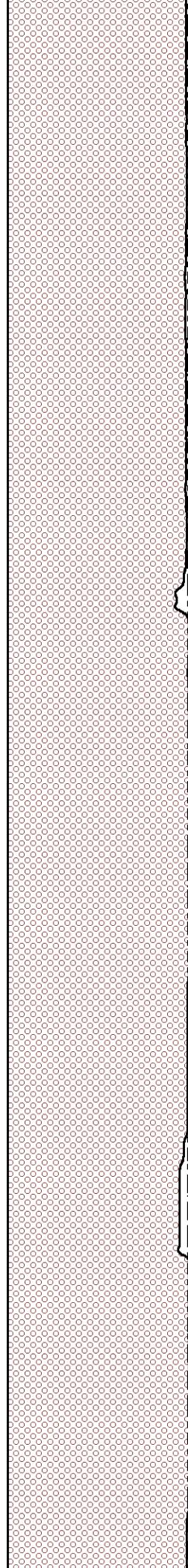
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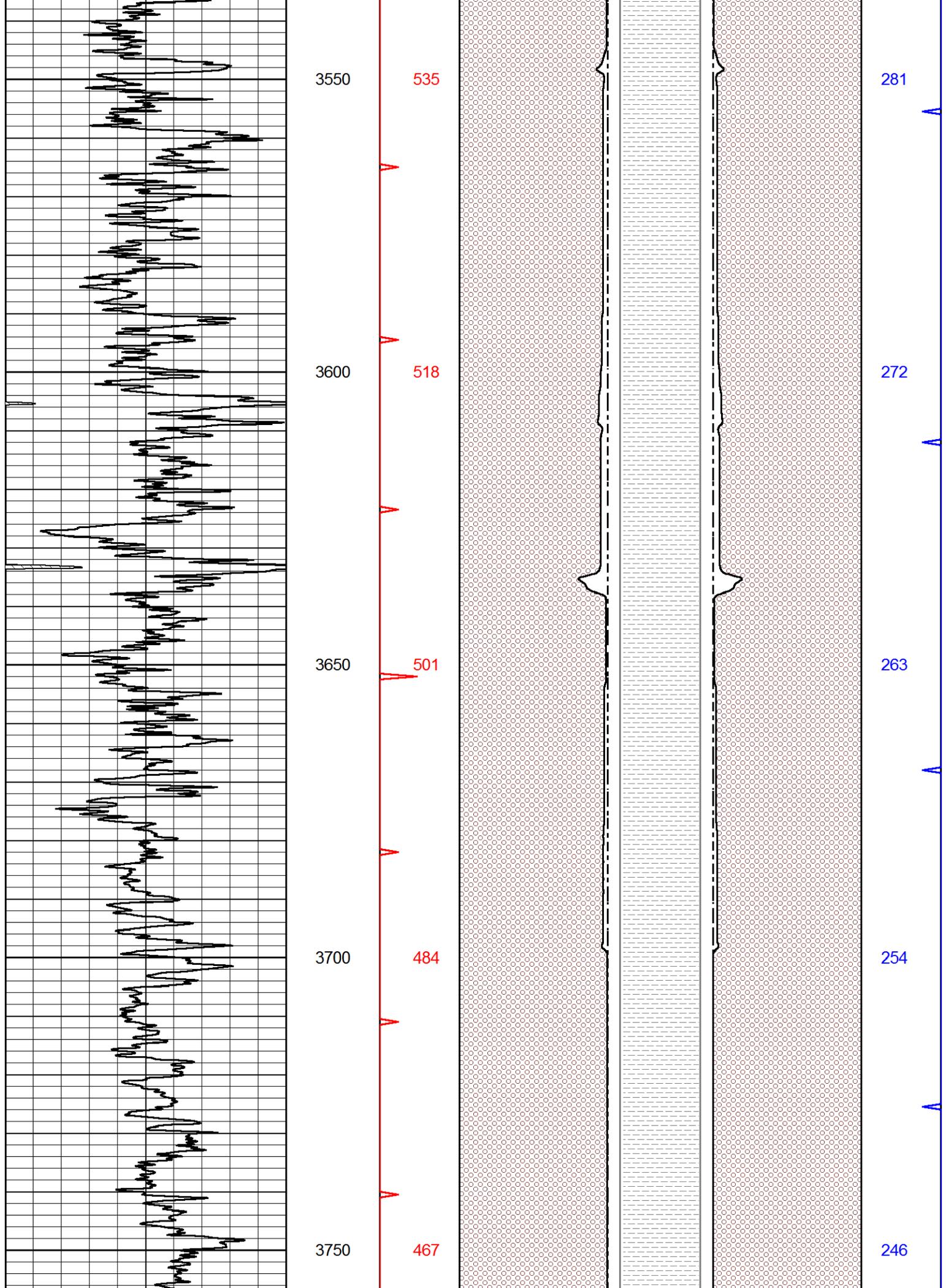
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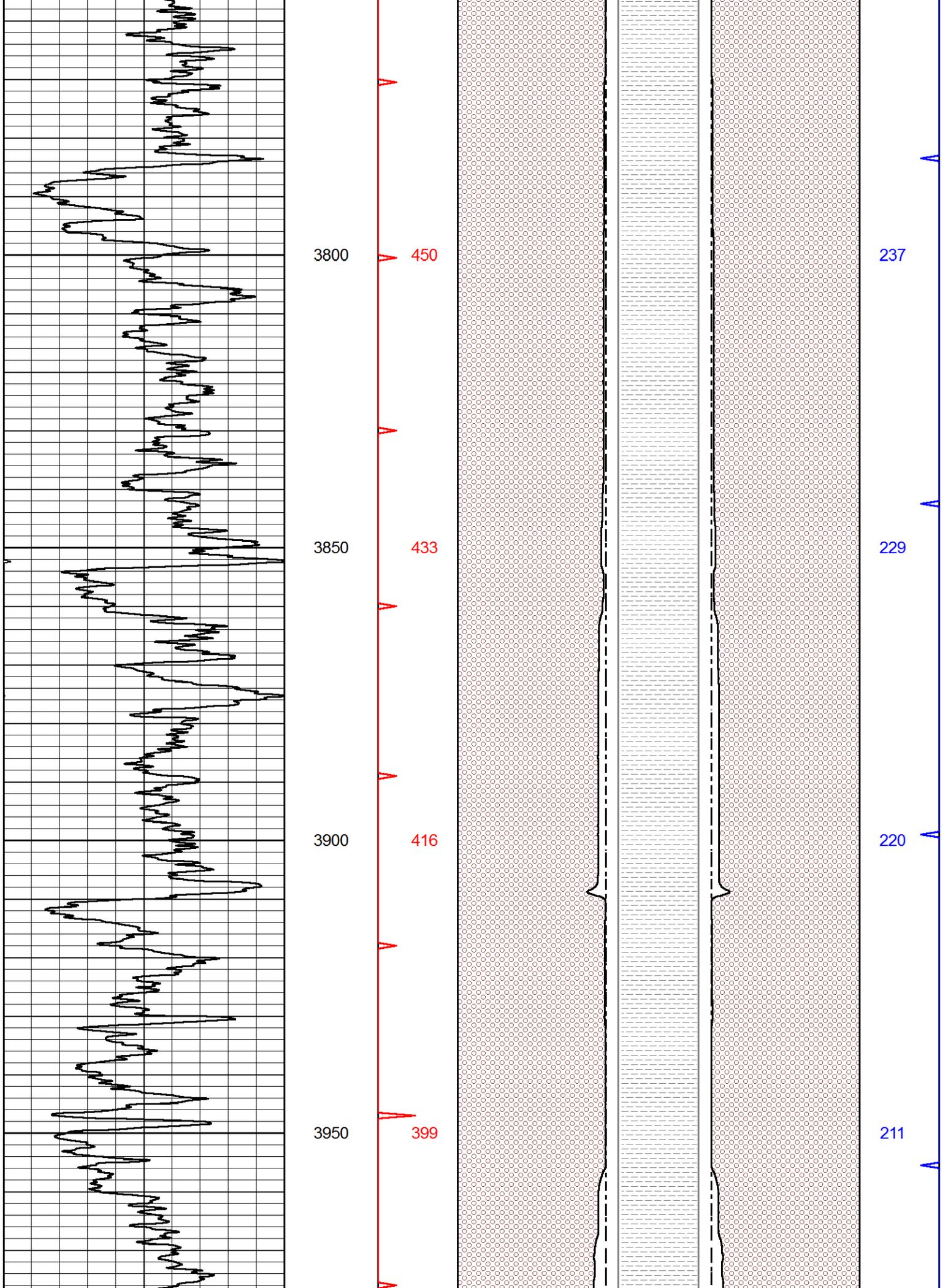
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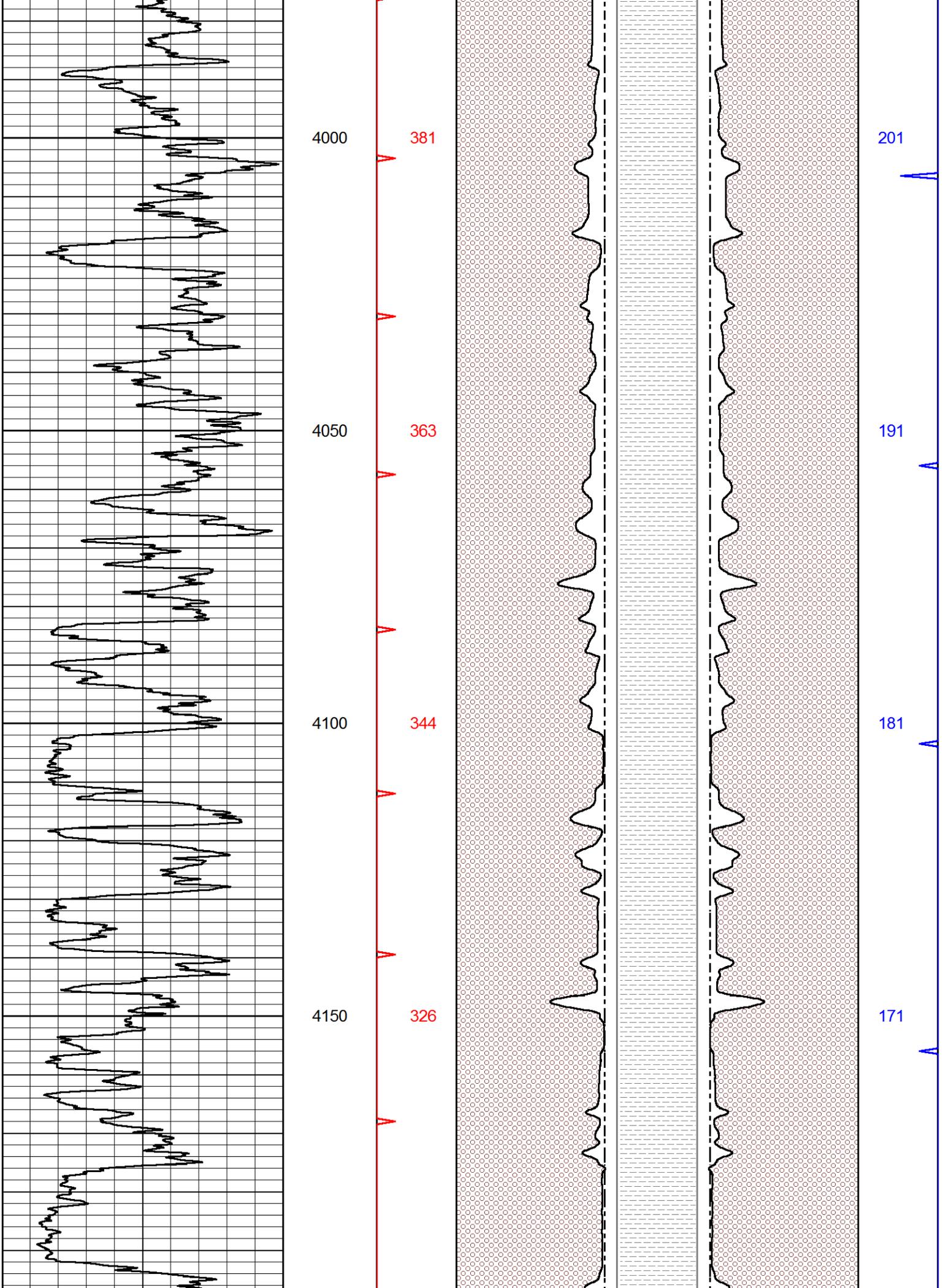
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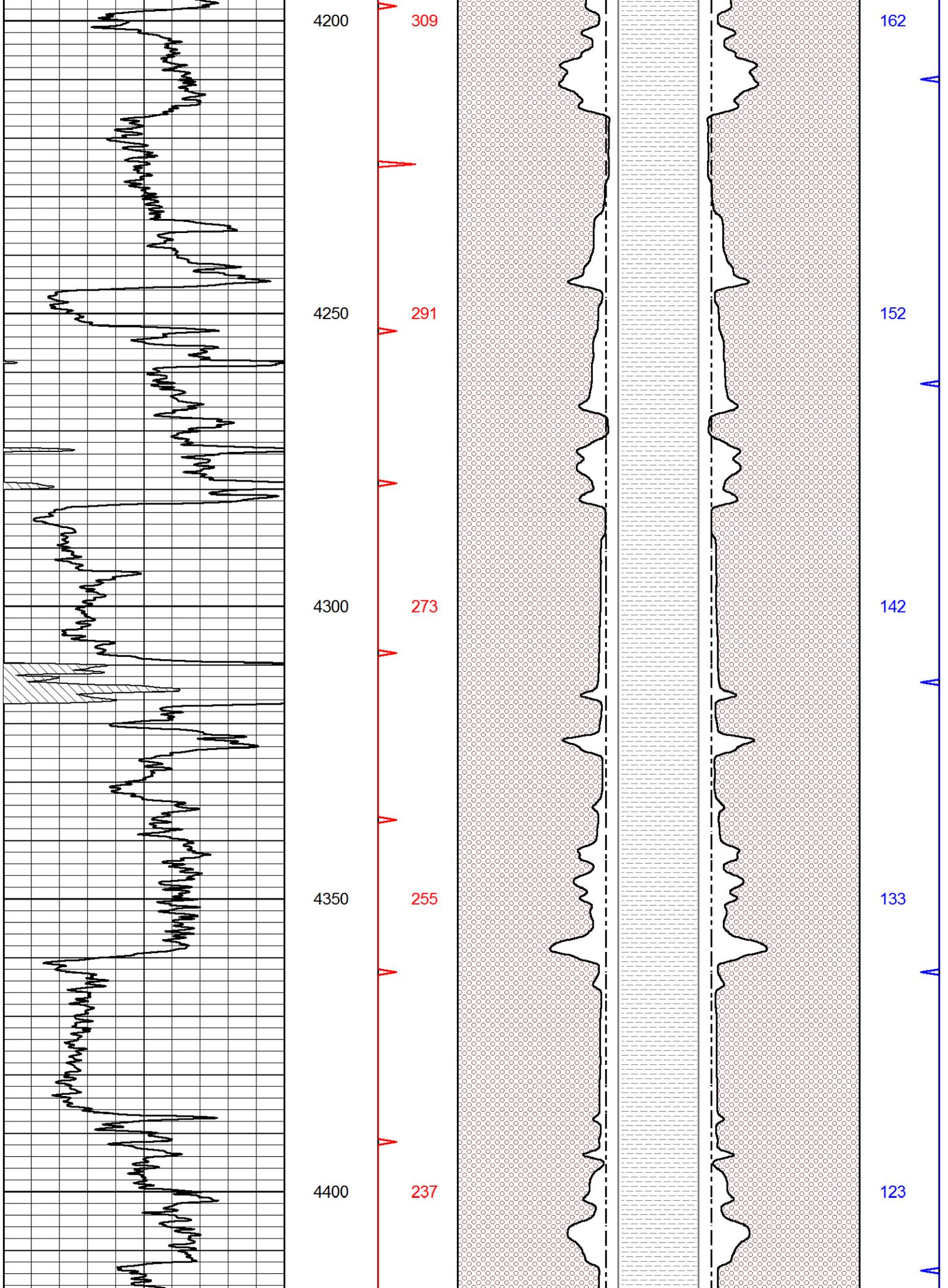
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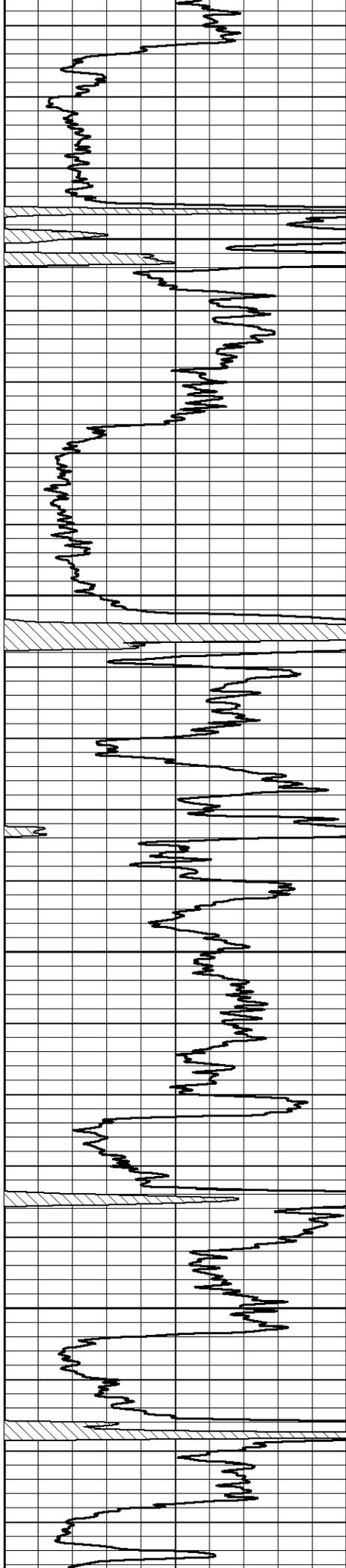












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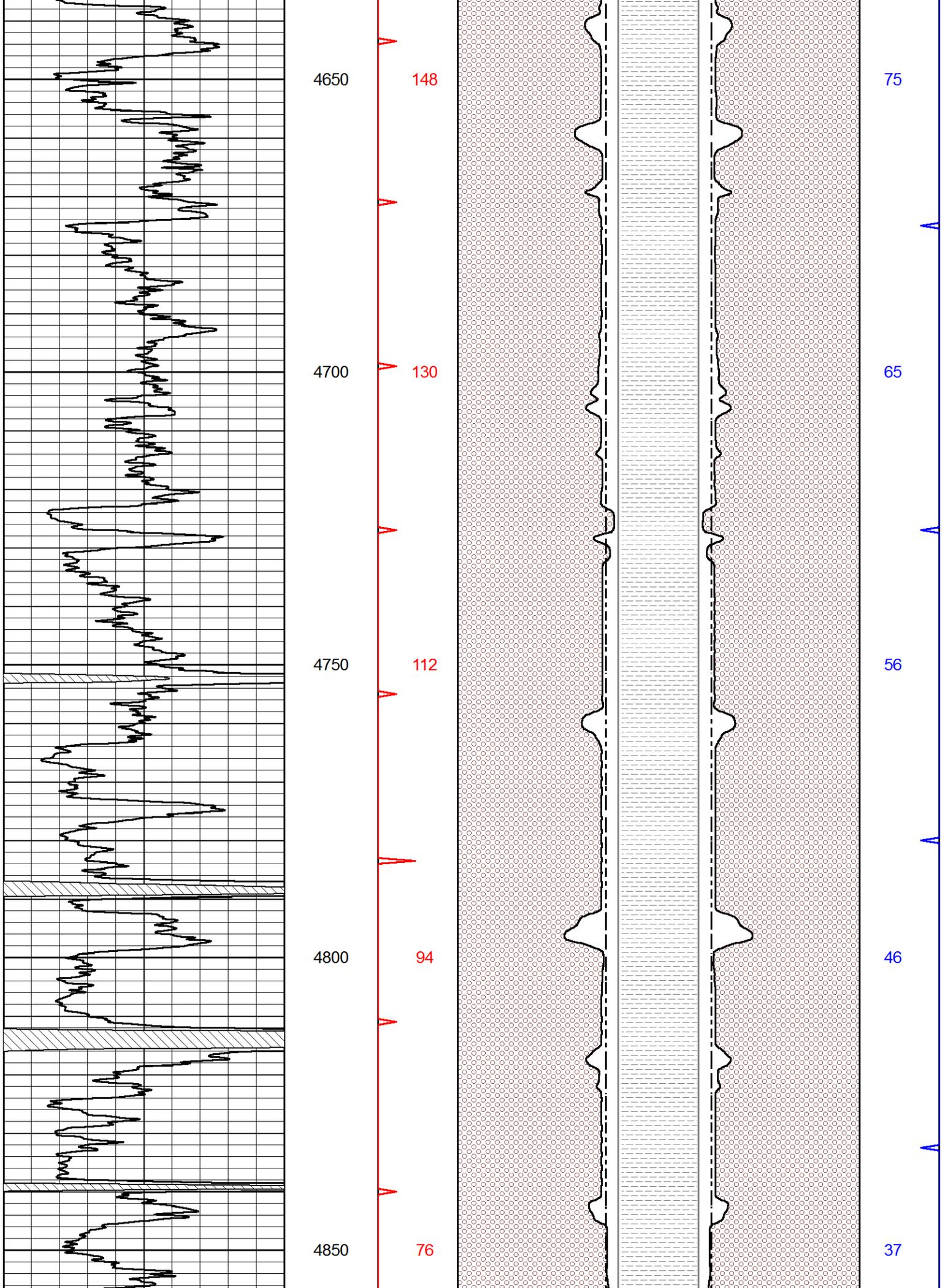
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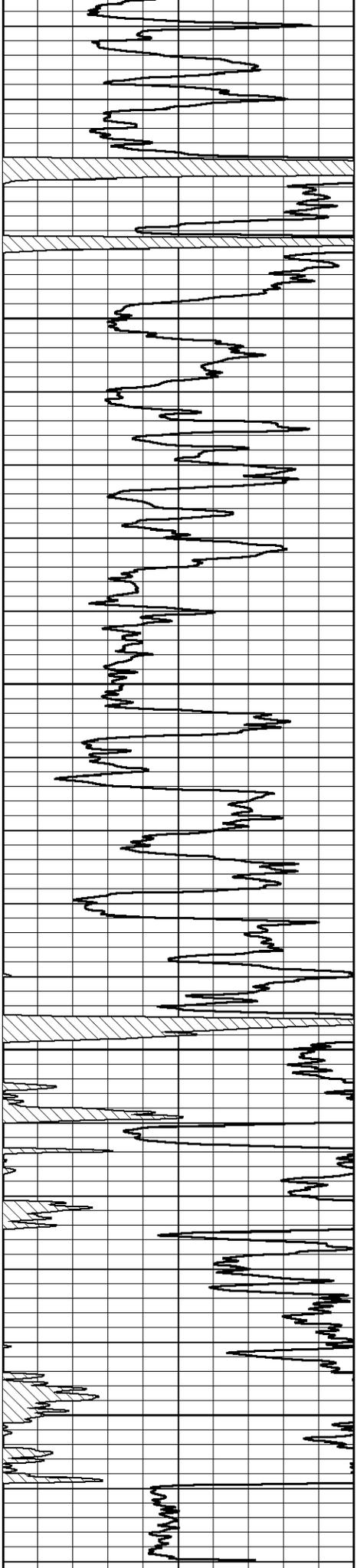
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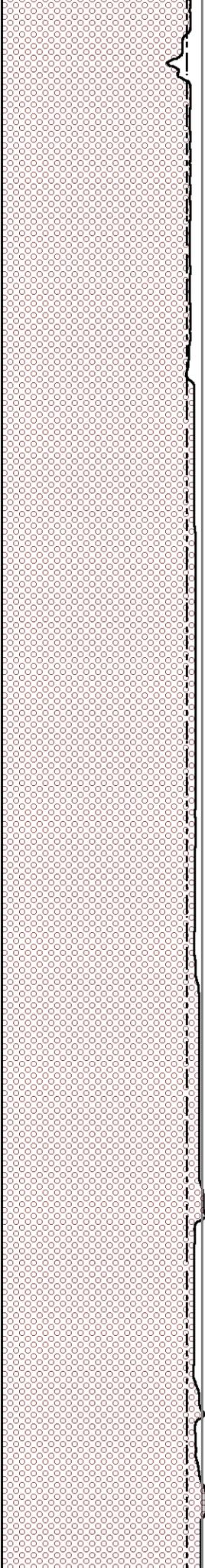
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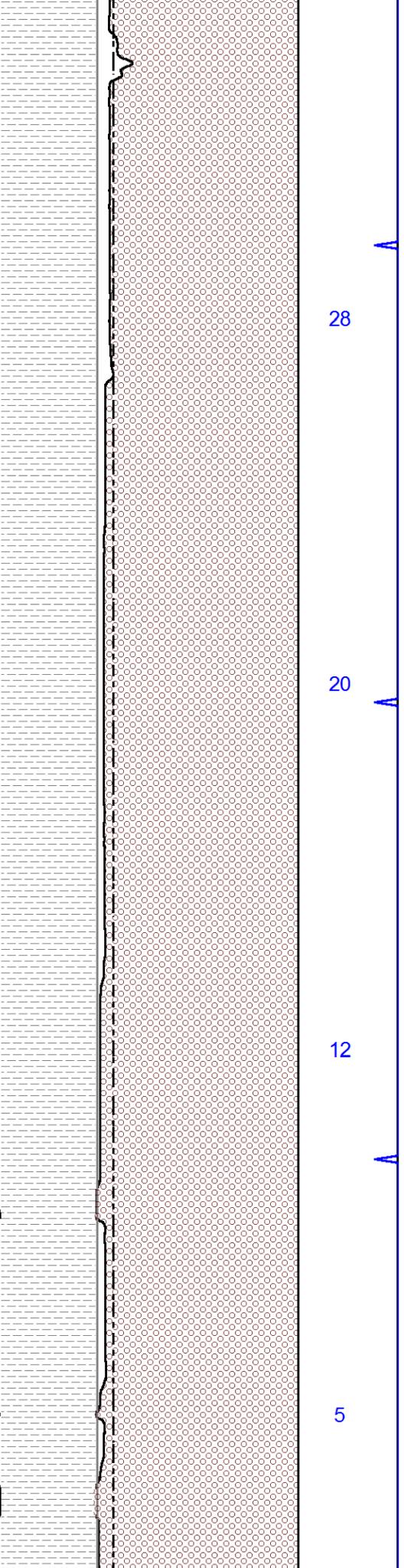


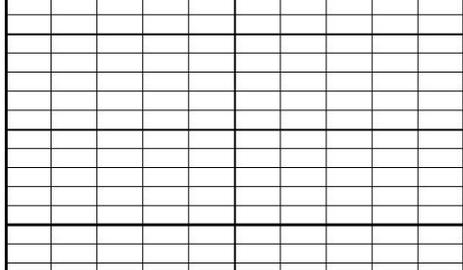
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5





5100

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16	BIT SIZE	6	6	BIT SIZE	6	6	BIT SIZE	16
0	BVTX (ft3)	15	15	AVTX (ft3)	0	0	AVTX (ft3)	0



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