



GAMMA RAY / CALIPER
LOG

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Comments

N/A DENOTES NOT AVAILABLE OR NON-APPLICABLE.

Newton,
East to Purity Springs Rd, 2 South, 1/4 East,
South into

Log Measured From: Kelly Bushing 6 Ft. Above Permanent Datum

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

Your Midwest Wireline Crew

Engineer: D. Schmidt
Operator:
Operator:
Operator:

This Log Record Was Witnessed By

Primary Witness: Ray Gilbert
Secondary Witness: Bill Stout
Secondary Witness:
Secondary Witness:

Component	Offset (ft)	Substation	Description	Length (ft)	OD (in)	Weight (lb)
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Log Variables

DatabaseC:\ProgramData\Warrior\Data\epoc_eck a swd 1.db
Dataset field/well/stkml/pass3.11/_vars_

Top - Bottom

A	BOREID in	BOTTEMP degF	CASEOD in	CASETHCK in	FLUIDDEN g/cc	M	MATRXDEN g/cc
1	7.875	106	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	112	70	Off	3046

Variable Description

A : Cement Factor (a)
BOREID : Borehole I.D.
BOTTEMP : Bottom Hole Temperature
CASEOD : Casing O.D.
CASETHCK : Casing Thickness
FLUIDDEN : Fluid Density
M : Cement Exp (m)
MATRXDEN : Matrix Density

NPORSEL : Neutron Porosity Curve Select
PERFS : Perforation Flag
SNDERR : Deep Sonde Error Correction
SNDERRM : Medium Sonde Error Correction
SPSHIFT : S.P. Baseline Offset
SRFTEMP : Surface Temperature
SZCOR : CN Size Cor. ?
TDEPTH : Total Depth

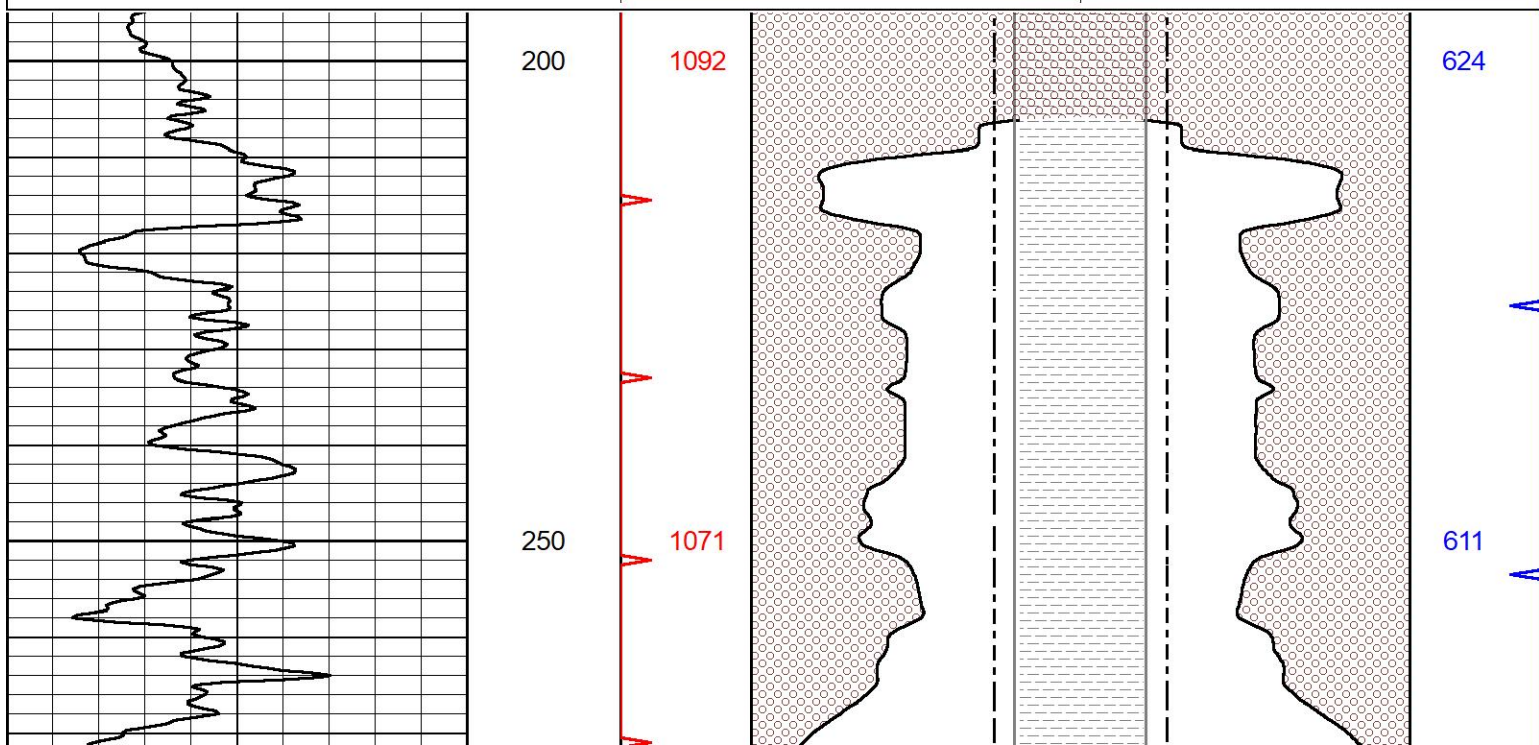


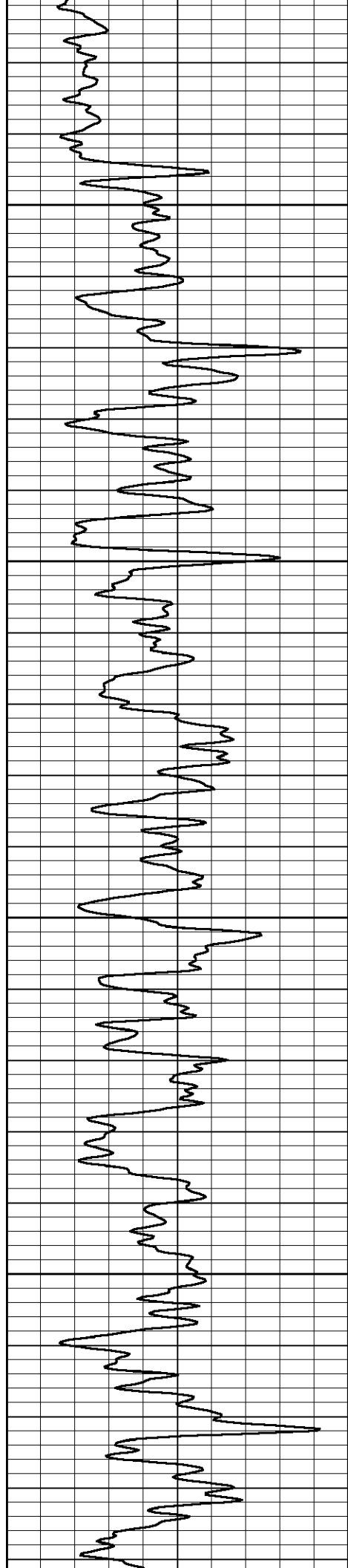
DETAIL SECTION

MAIN PASS

Database File epoc_eck a swd 1.db
Dataset Pathname stkml/pass3.1
Presentation Format bhv5half
Dataset Creation Thu Aug 11 06:50:23 2022
Charted by Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	16	CALIPER (in)	6	6	CALIPER (in)	16
			16	BIT SIZE	6	6	BIT SIZE	16
			0	BVTX (ft3)	15	15	AVTX (ft3)	0





300

1045

350

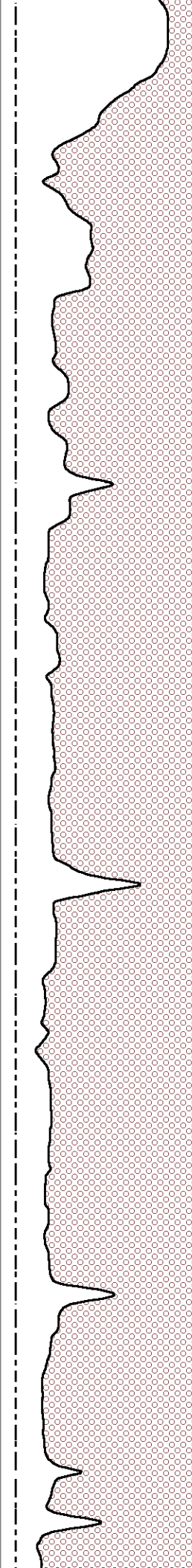
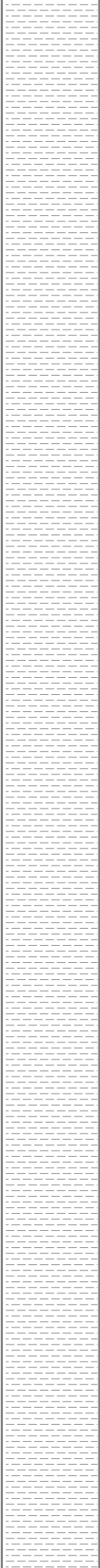
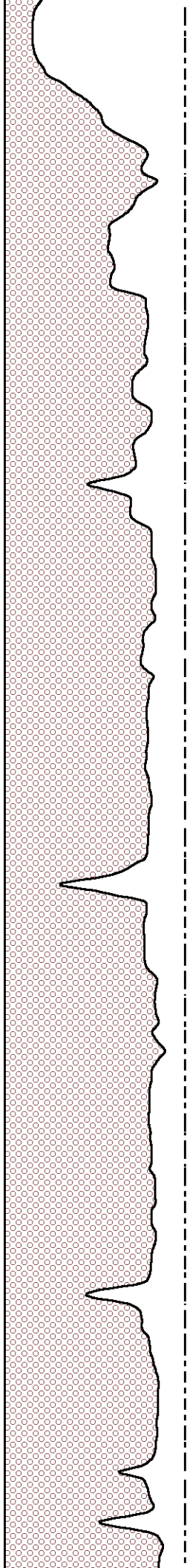
1021

400

998

450

975

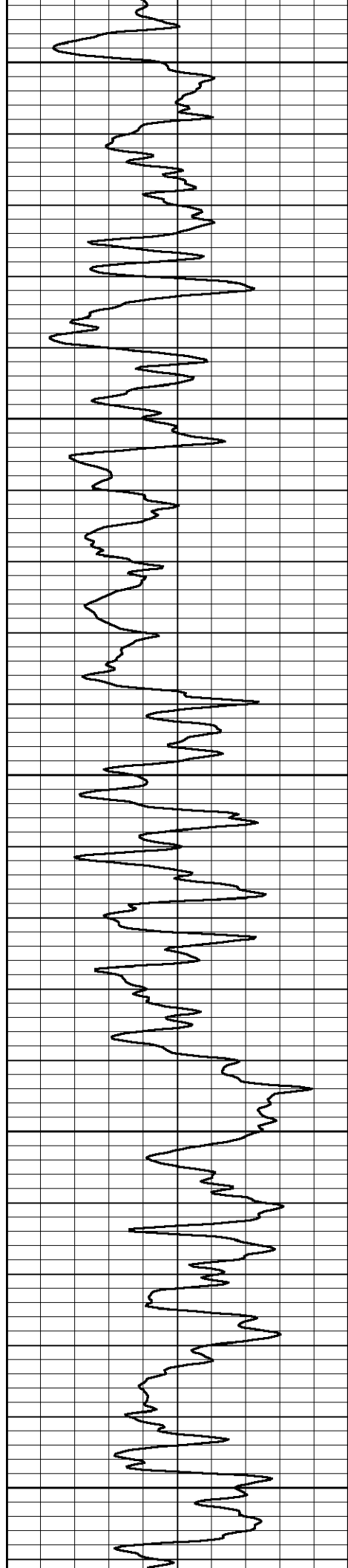


593

577

562

548



500

550

600

650

700

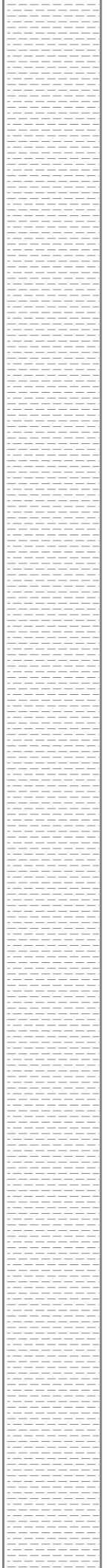
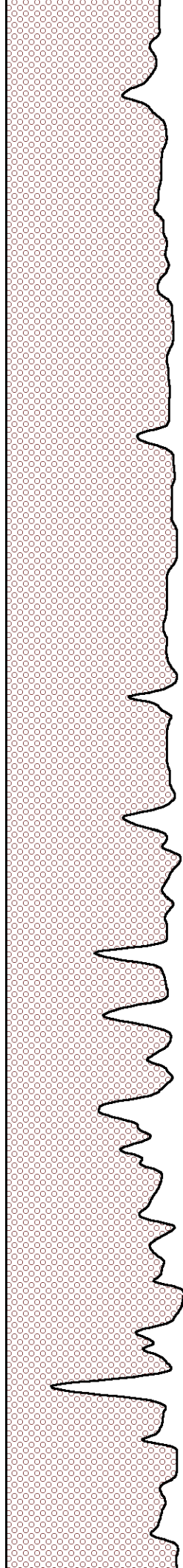
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930

910

889

869



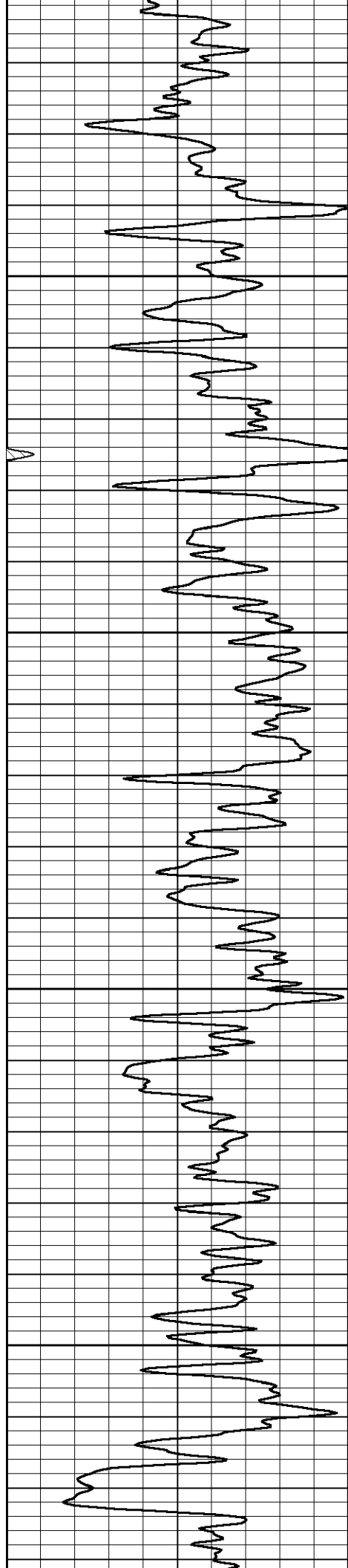
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520

507

495

483



750

800

850

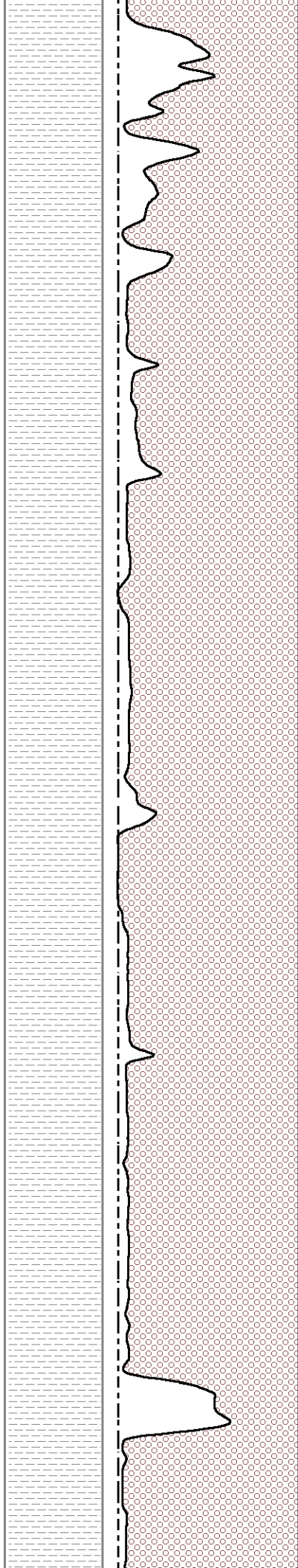
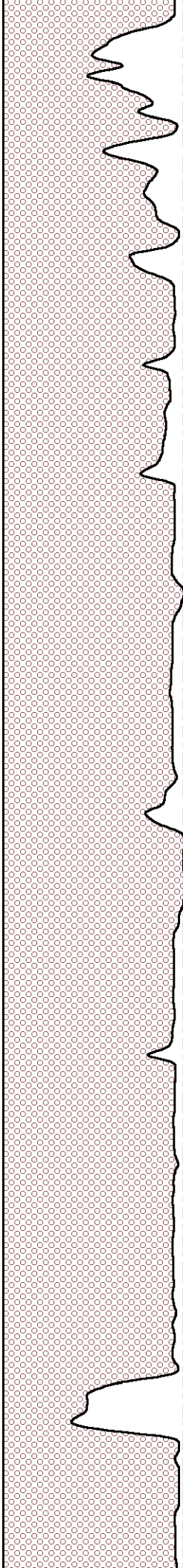
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846

826

807

788

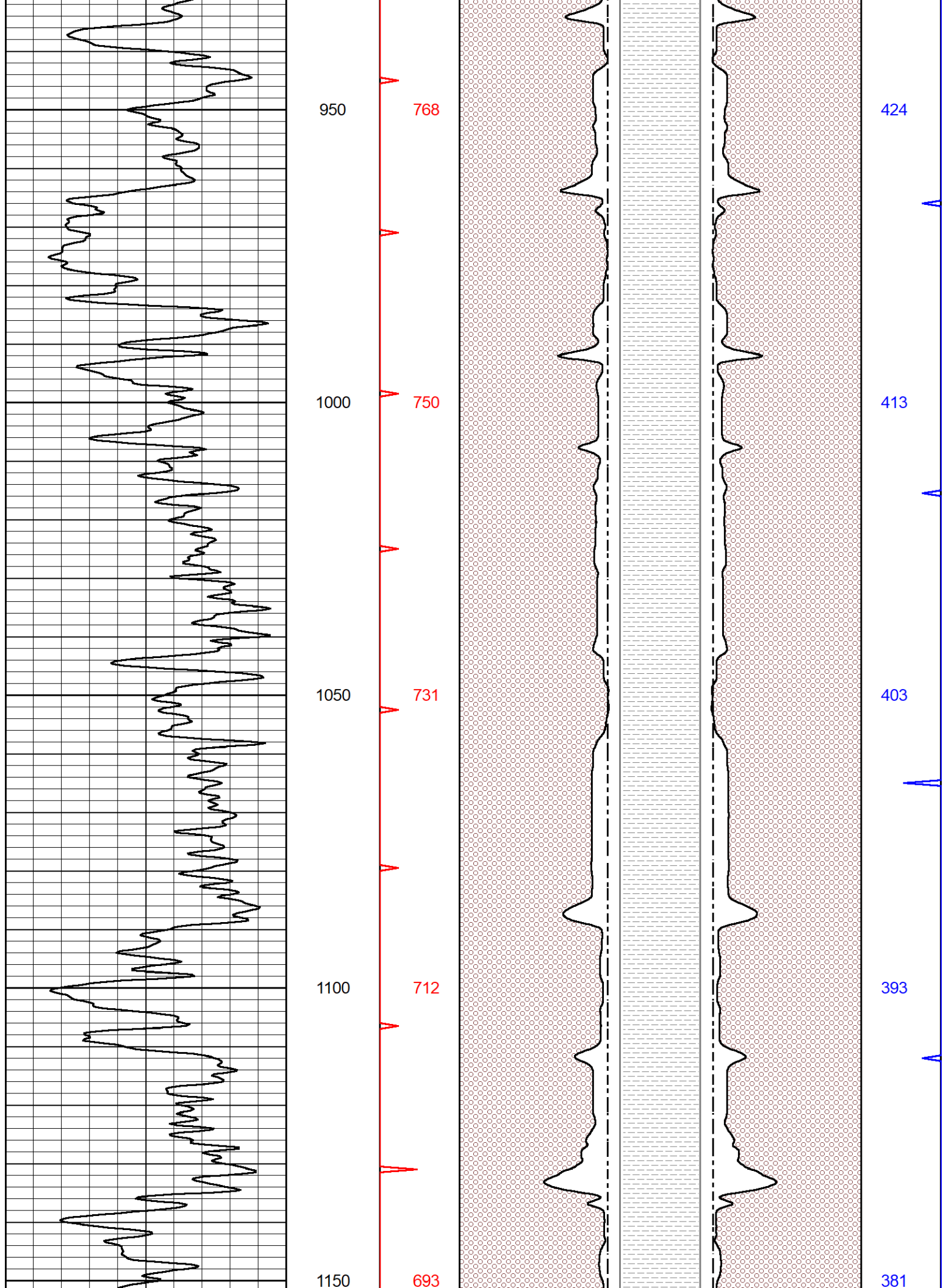


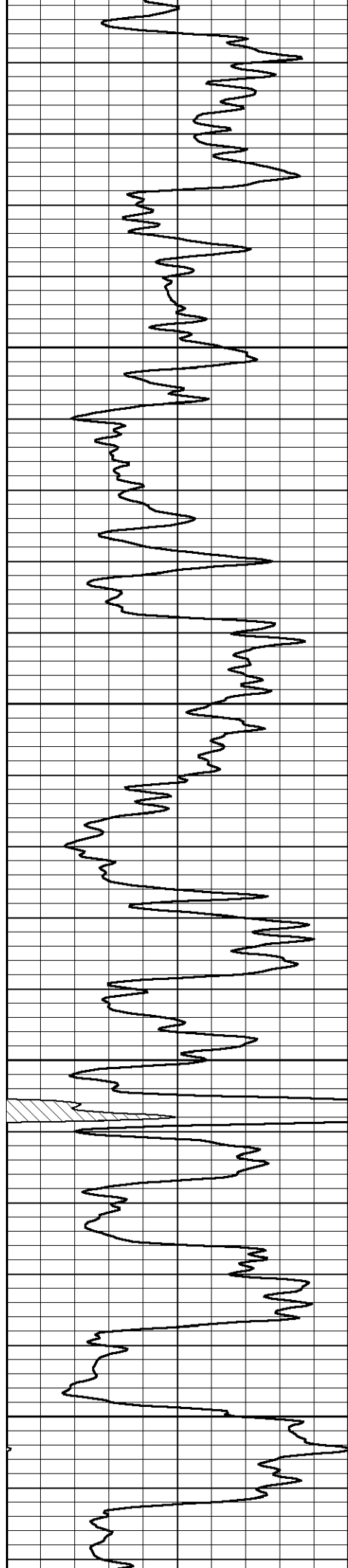
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457

446

435





1200

1250

1300

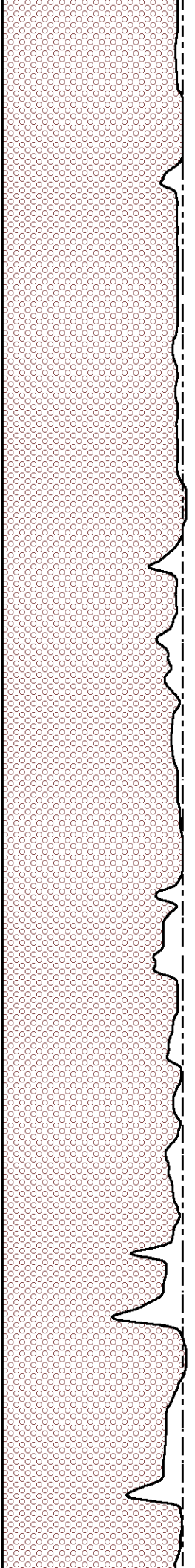
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674

656

637

619

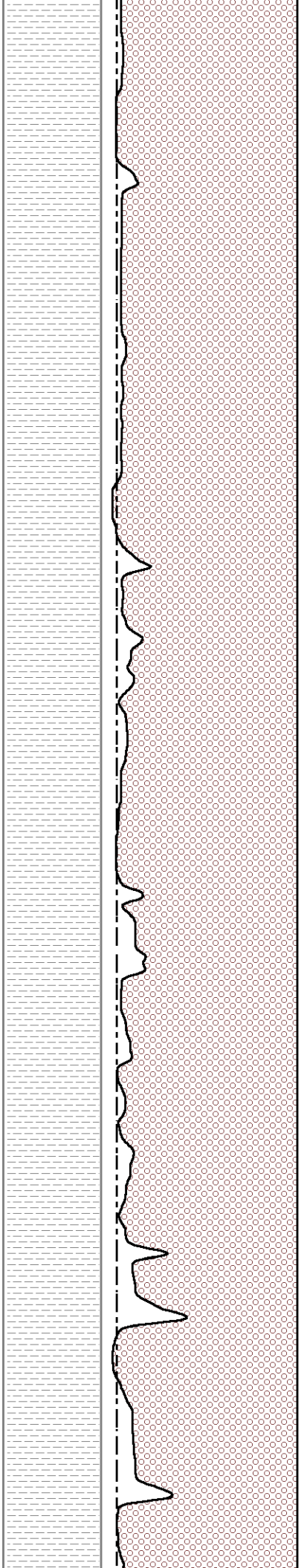


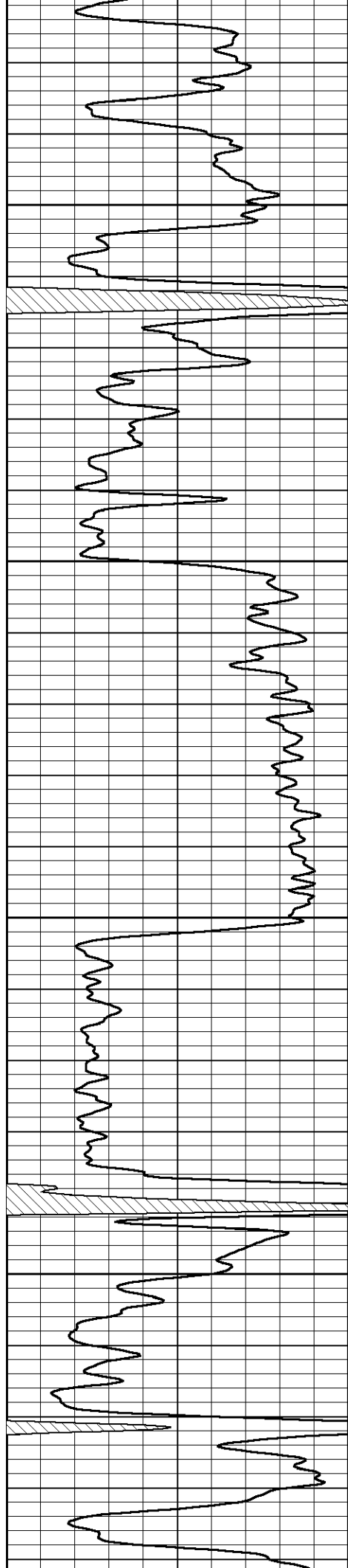
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361

351

340





1400

1450

1500

1550

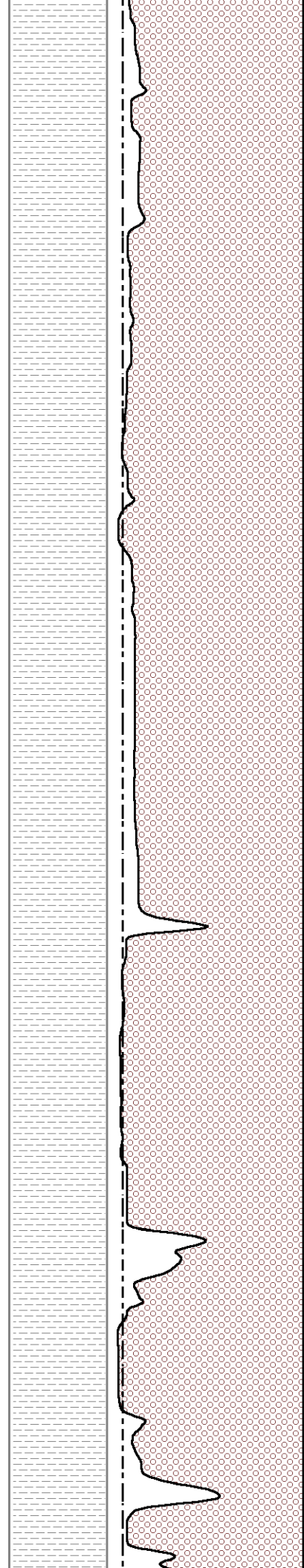
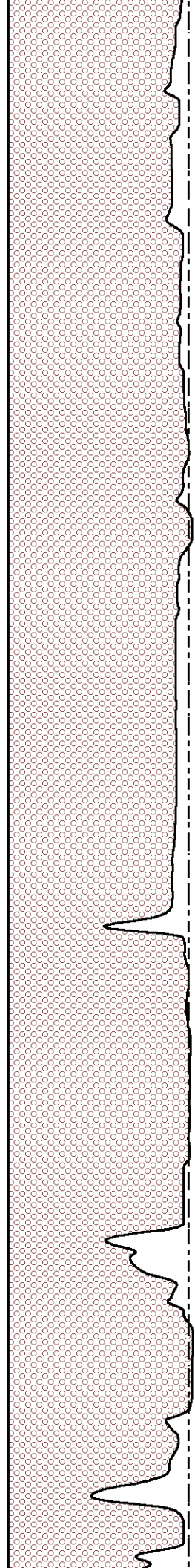


600

582

563

545



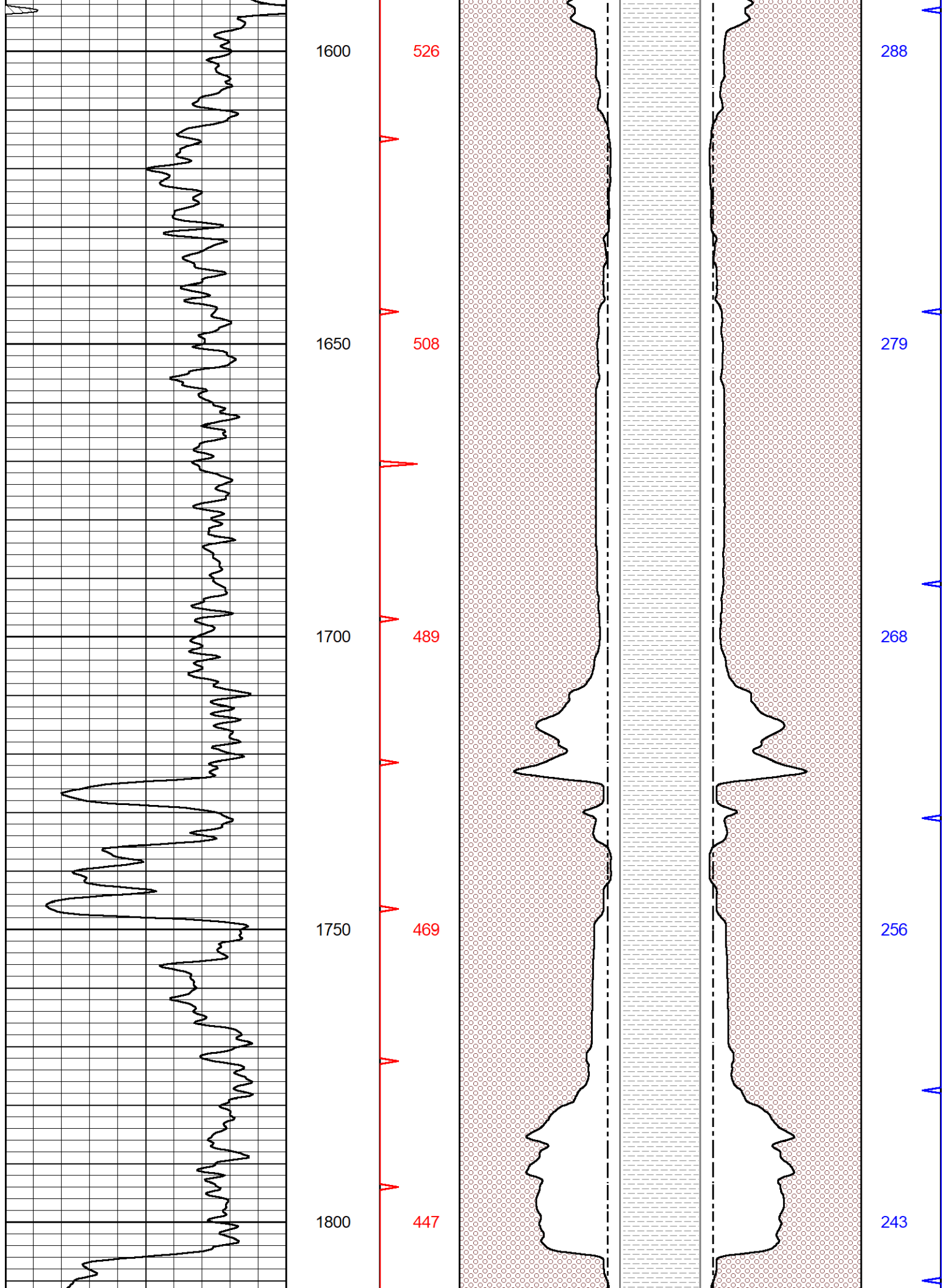
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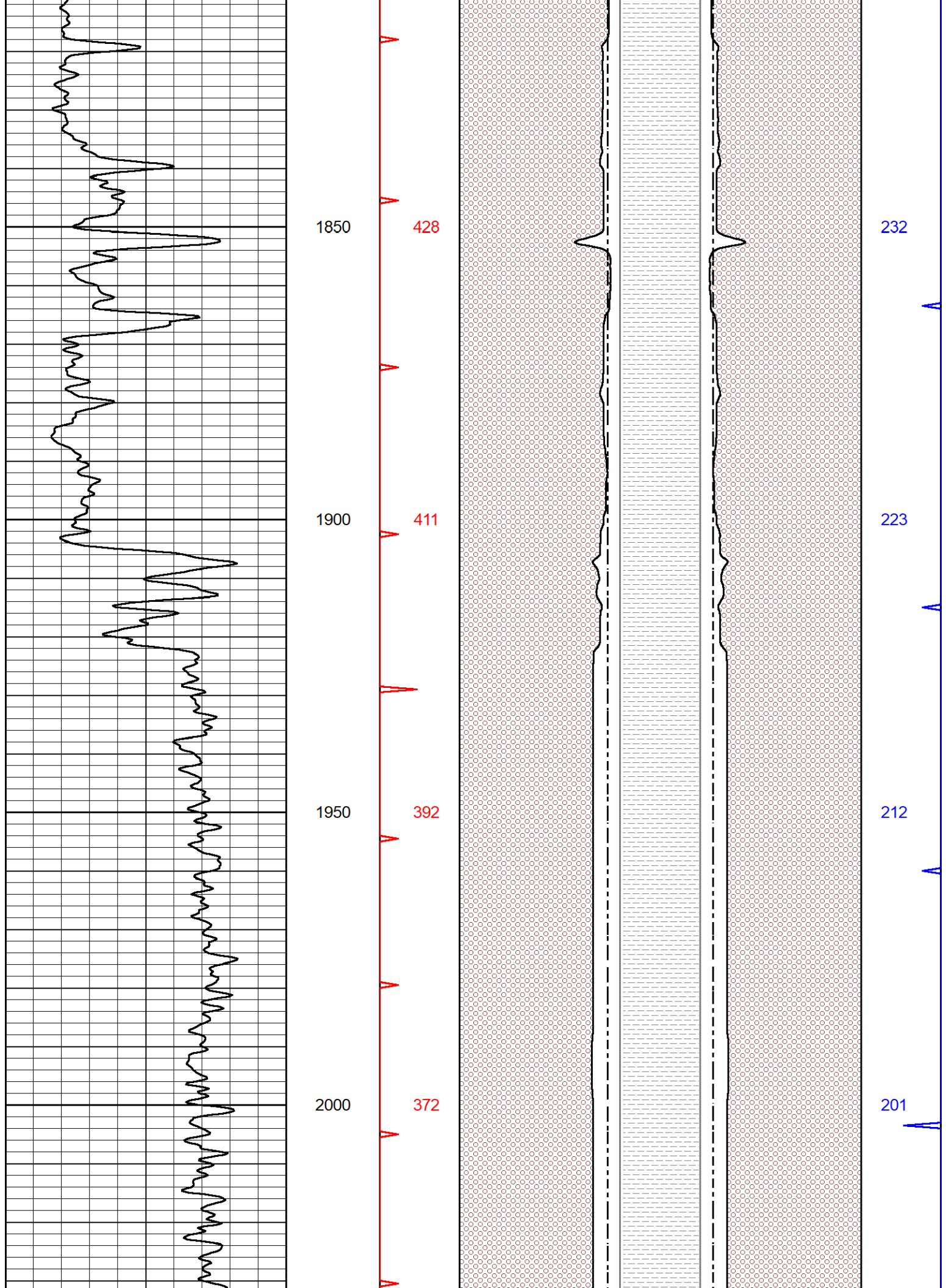
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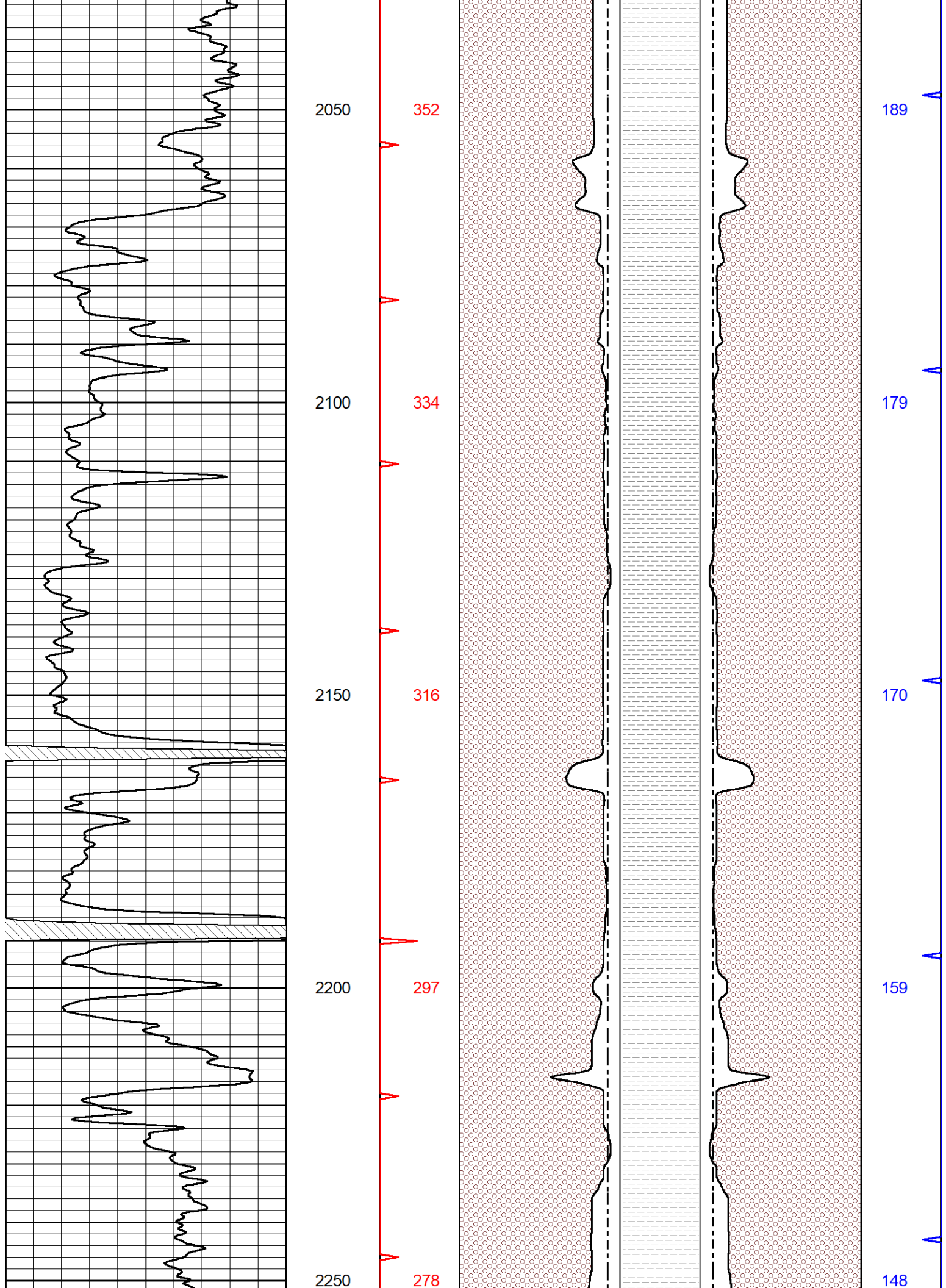
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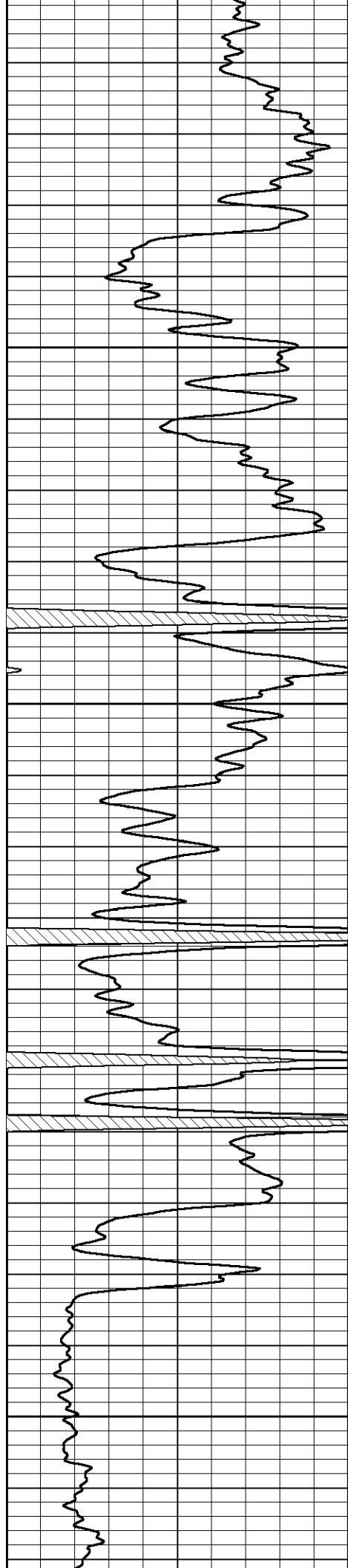
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2300

2350

2400

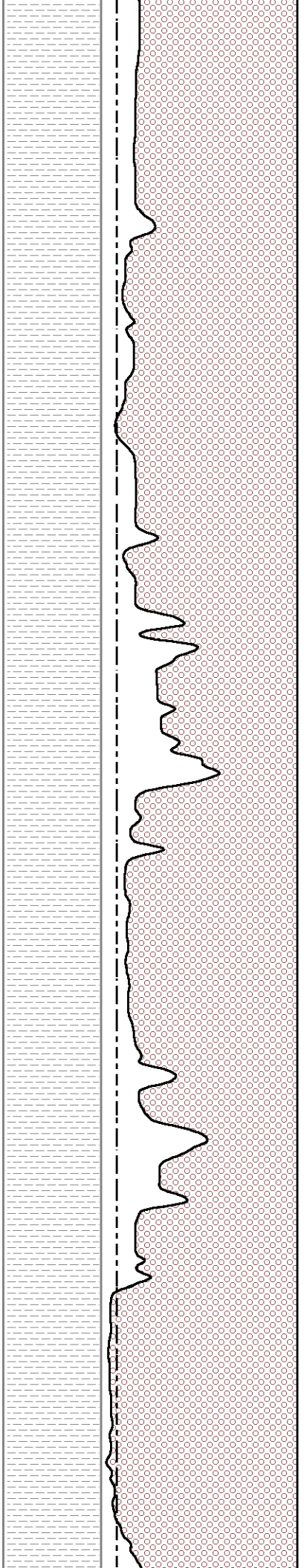
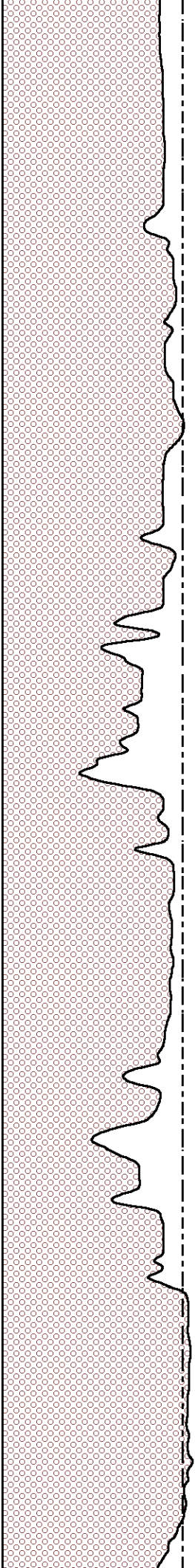
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258

239

218

198

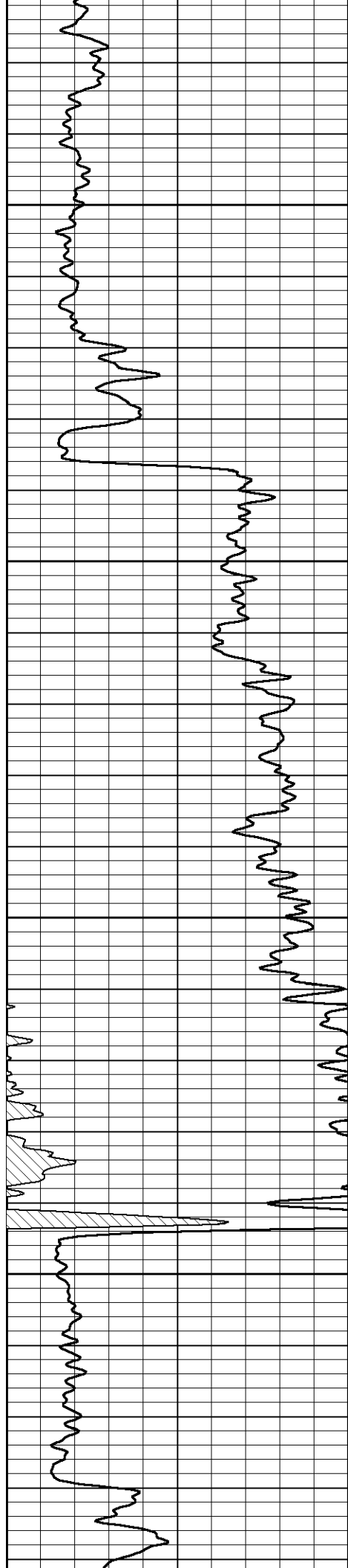


137

125

113

101



2500

2550

2600

2650

179

162

143

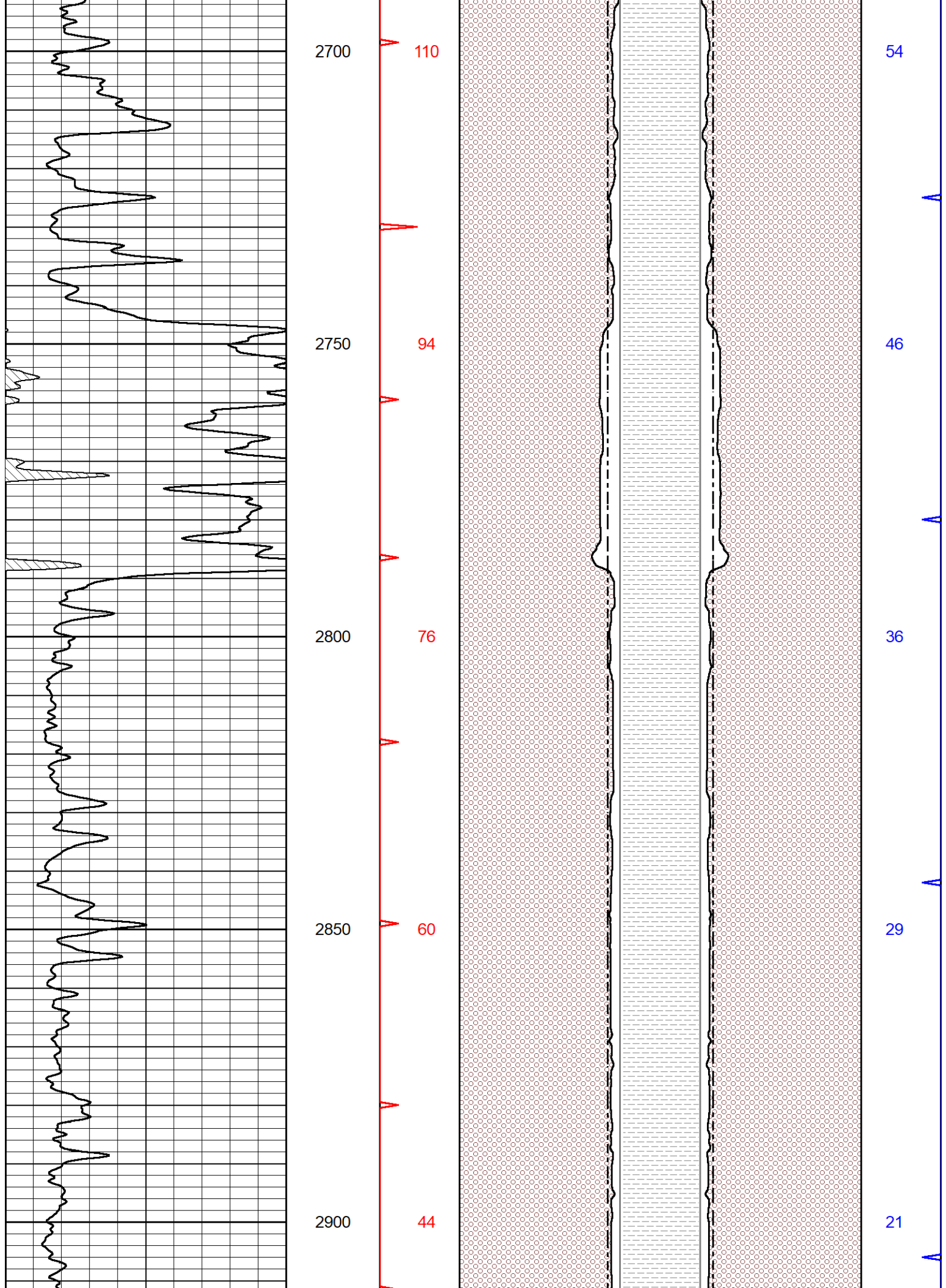
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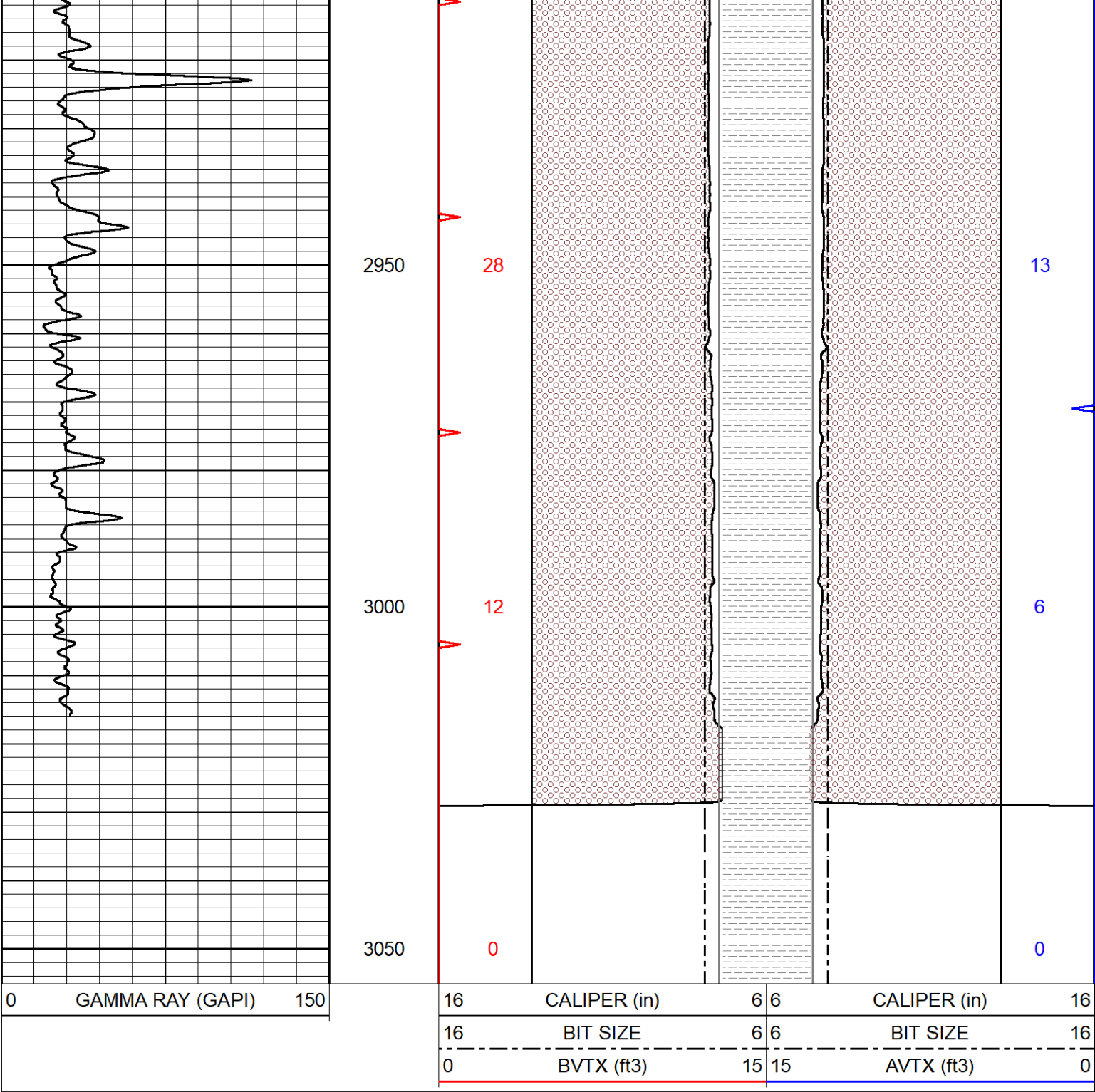
90

81

71

61





Calibration Report							
Database File	epoc_eck a swd 1.db						
Dataset Pathname	stkml/pass3.11						
Dataset Creation	Thu Aug 11 06:13:52 2022						
Dual Induction Calibration Report							
Serial-Model:				505 HT-M&W			
Surface Cal Performed:				Wed Feb 2 12:55:14 2022			
Readings			References			Results	
Loop:	Air	Loop	Air	Loop		m	b
Deep	167.000	835.000	0.000	255.800	mmho/m	0.480	-55.000
Medium	1348.000	1348.000	0.000	255.800	mmho/m	0.390	15.000

Microlog Calibration Report							
Serial-Model: Performed:			401-PSI STKBL ML Mon Aug 1 06:22:24 2022				
Readings			References			Results	
	Zero	Cal		Zero	Cal	m	b
Normal	0.0037	0.0043		0.0000	10.0000	Ohm-m	11000.0000
Inverse	0.1208	0.0013		0.0000	10.0000	Ohm-m	10700.0000
Caliper	1.0049	1.0846		5.5000	20.0000	in	135.0000
Compensated Density Calibration Report							
Serial-Model: Source #: Master Calibration Performed:			303-03-M&W 21170B Thu Aug 11 05:43:18 2022				
Master Calibration							
	Density			Far Detector		Near Detector	
Magnesium	1.755	g/cc		3841.78		5151.73	cps
Aluminum	2.655	g/cc		700.98		3068.49	cps
	Spine Angle = 73.06			Density/Spine Ratio = 0.506			
	Size			Reading			
Small Ring	4.00	in		1.17			
Large Ring	14.00	in		1.04			
Compensated Neutron Calibration Report							
Serial-Model: Source #: Master Calibration Performed:			210-M&W N-1238 Fri Dec 3 09:16:24 2021				
Master Calibration							
	Detector	Readings		Target		Normalization	
	Short Space	6240.00	cps	1000.00	cps	1.6025	
	Long Space	460.00	cps	1000.00	cps	1.9500	
Gamma Ray Calibration Report							
Serial Number:		103					
Tool Model:		M&W					
Performed:		Fri Dec 3 12:13:24 2021					
Calibrator Value:		500.0		GAPI			
Background Reading:		28.0		cps			
Calibrator Reading:		986.0		cps			
Sensitivity:		0.5700		GAPI/cps			





Company	EWI, LLC
Well	Eck 'A' SWD #1
Field	Hazlett
County	Butler
State	Kanas