



MIDWEST WIRELINE

GAMMA RAY / CALIPER LOG

Company Pioneer Oil Company, Inc.
Well Bretz Community Unit #1-4
Field Freda
County Sheridan **State** Kansas

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Location: API #: 15-179-21481-00-00
 265 FNL & 1496 FEL
 SEC 4 TWP 9S RGE 28W
 Permanent Datum Ground Level Elevation 2670
 Log Measured From Kelly Bushing
 Drilling Measured From Kelly Bushing
 Other Services
 CNL/CDL
 DIL/MEL
 BHCS
 Elevation
 K.B. 2678
 D.F.
 G.L. 2670

Date	4/20/2022						
Run Number	One						
Type Log	BHV						
Depth Driller	4125						
Depth Logger	4128						
Bottom Logged Interval	4099						
Top Logged Interval	200						
Type Fluid In Hole	Chemical						
Salinity, PPM CL	3000						
Density	9.3						
Level	Full						
Max. Rec. Temp. F	117						
Operating Rig Time	4 Hours						
Equipment -- Location	P-24 Hays						
Recorded By	D. Schmidt						
Witnessed By	Jim Musgrove						
Borehole Record							
Run No.	Bit	From	To	Size	Wgt.	From	To
One	12.25	0	225	8.625	23	0	225
Two	7.875	225	TD				
Casing Record							

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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.

Hoxie,
 3 South to 40 S Rd, 300' West,
 South and West to location

Log Measured From: Kelly Bushing 8 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 Operator: Operator: Operator:	Primary Witness: Jim Musgrove Secondary Witness: Secondary Witness: Secondary Witness:

Case No.	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
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Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
GR	40.33		GR-M&W (101)	3.00	3.50	50.00
CNLSC CNSSC	37.23 36.48		CNT-M&W (207-MW)	5.00	3.50	100.00
LSD DCAL SSD	28.18 28.17 27.68		CDL-M&W (305-05)	8.50	4.00	250.00
MCAL MI MN	19.58 19.58 19.58		ML-PSIML (402)	7.58	4.00	65.00
RLL3F RLL3	15.50 15.50					
CILD	8.33		DIL-M&W (502 HT)	18.25	3.50	220.00
CILM	4.50					
SP	0.20					

Dataset: pioneer oil_bretz community unit 1-4.db: field/well/stkml/pass5.17
 Total length: 42.33 ft
 Total weight: 685.00 lb
 O.D.: 4.00 in



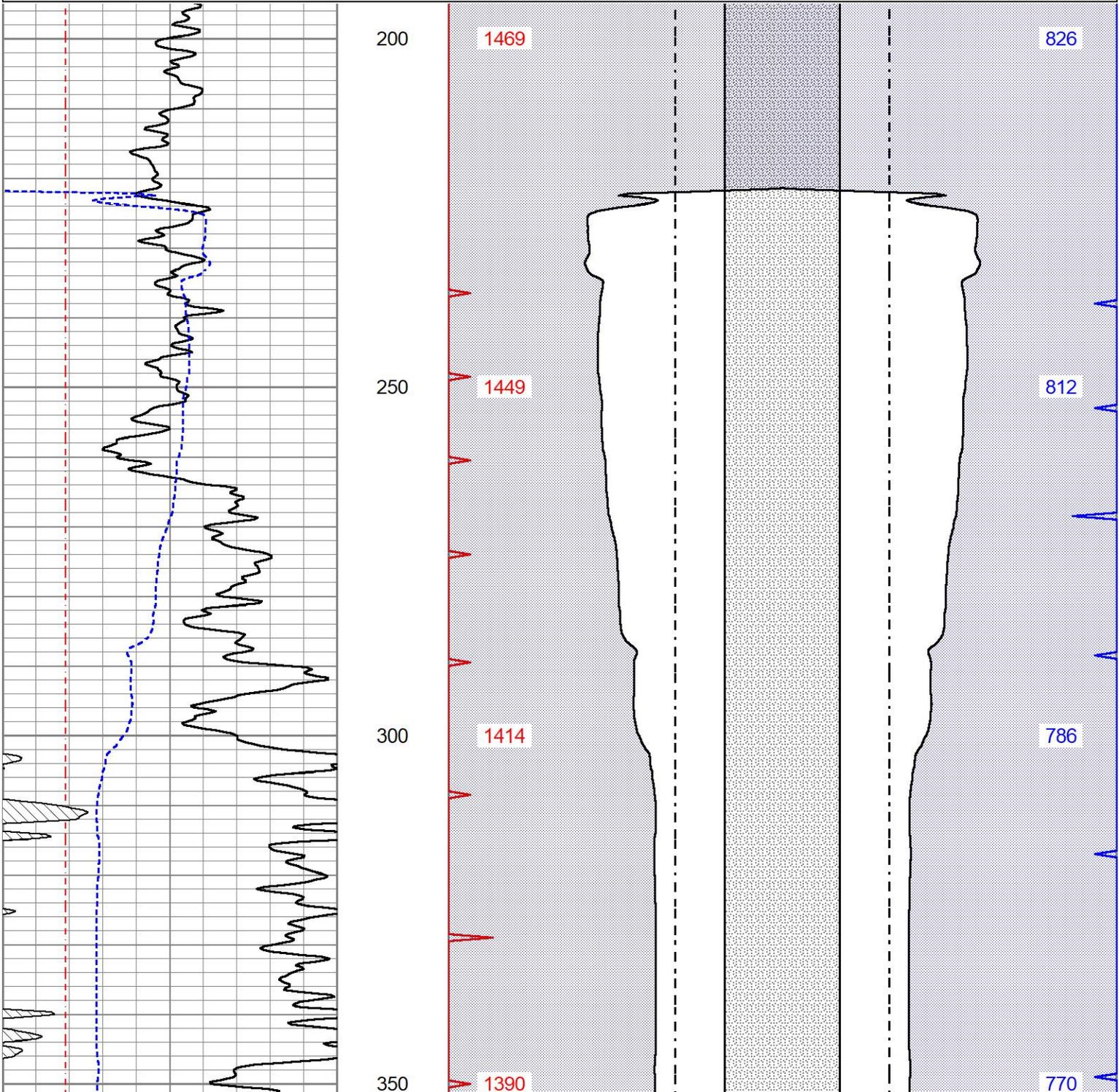
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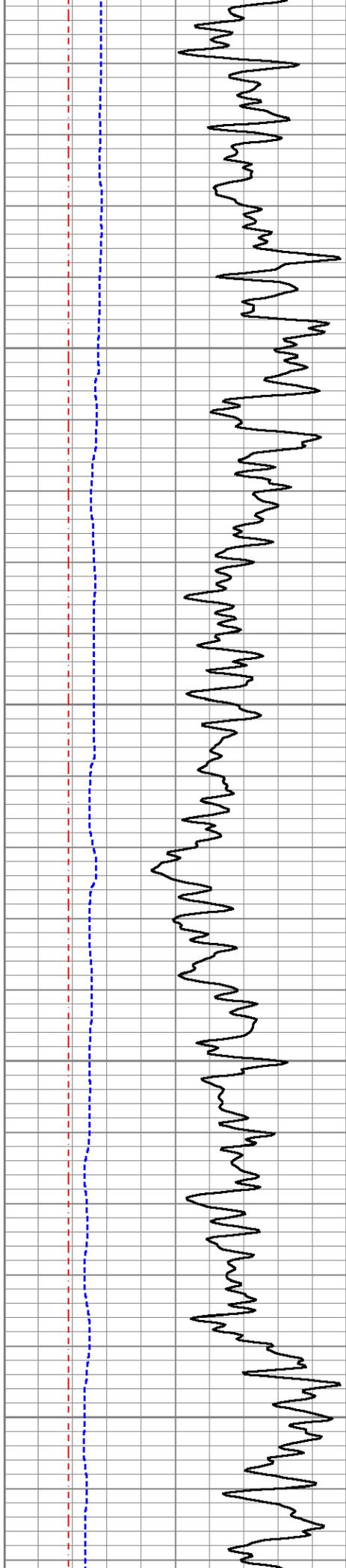
MAIN PASS

Database File: pioneer oil_bretz community unit 1-4.db
 Dataset Pathname: stkml/pass5.1
 Presentation Format: bhv5half
 Dataset Creation: Wed Apr 20 14:57:20 2022
 Charted by: Depth in Feet scaled 1:240

0	Gamma Ray (GAPI)	150
150	GR (GAPI)	300
6	DCAL (in)	16
6	BOREID (in)	16

DCAL	DCAL
BOREID	BOREID
Borehole Volume (ft3)	Annular Volume (ft3)





400

1367

450

1348

500

1328

550

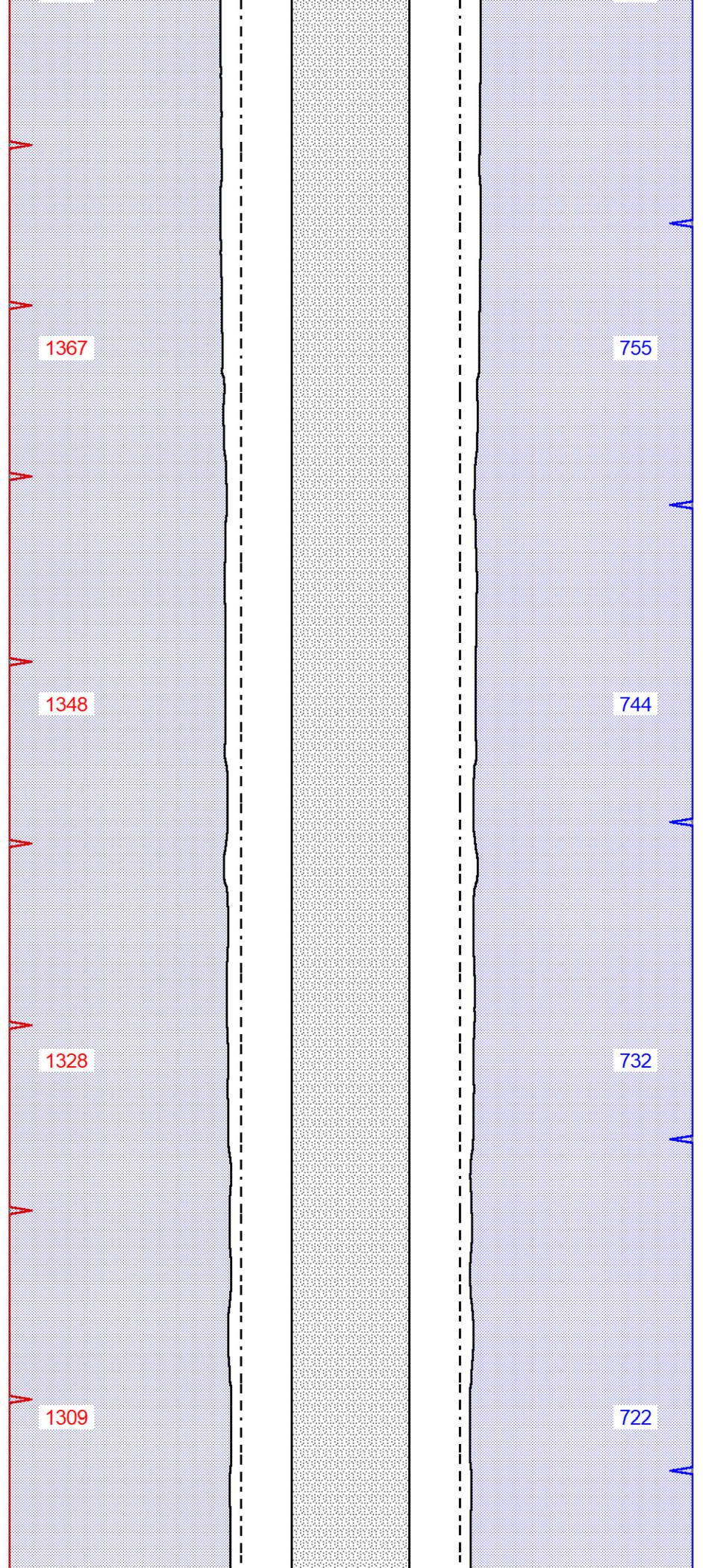
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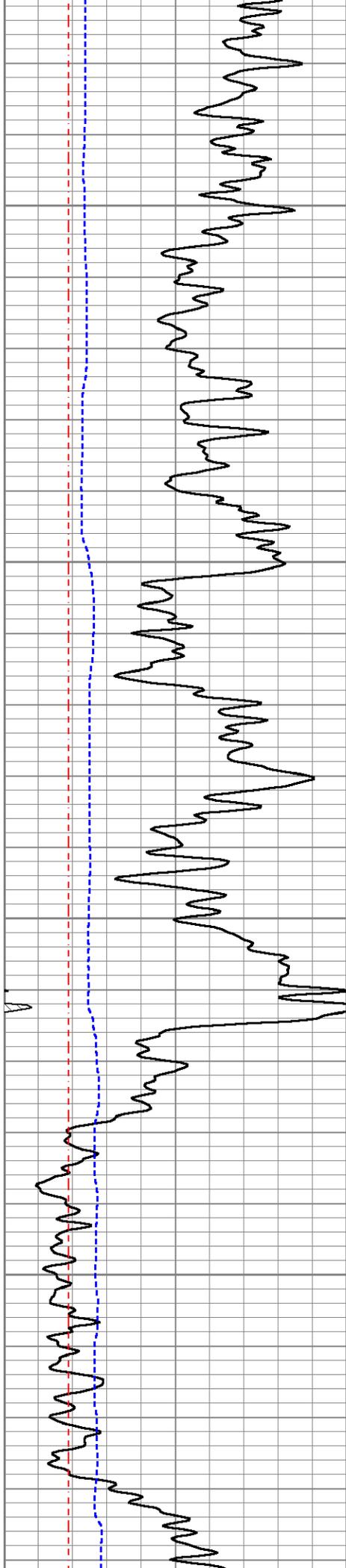
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744

732

722





600

1290

650

1272

700

1252

750

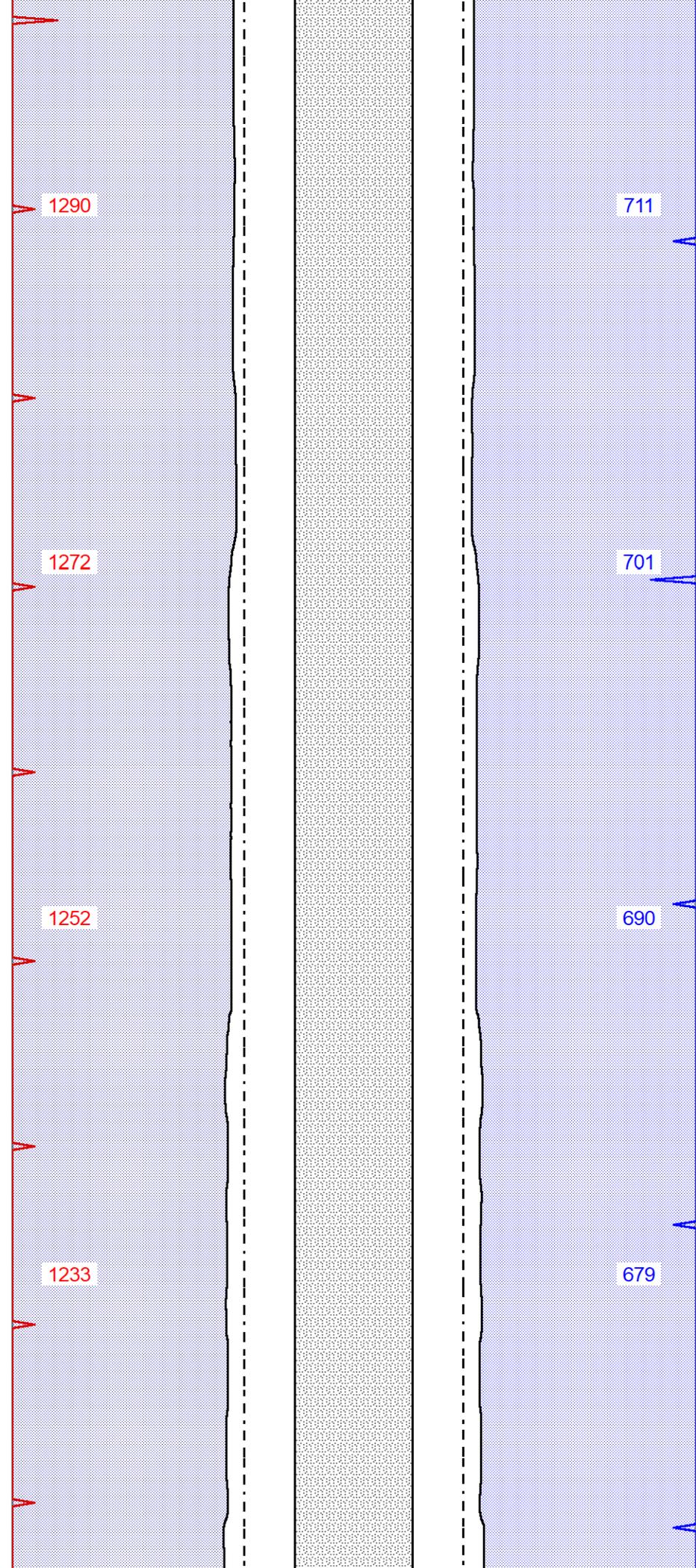
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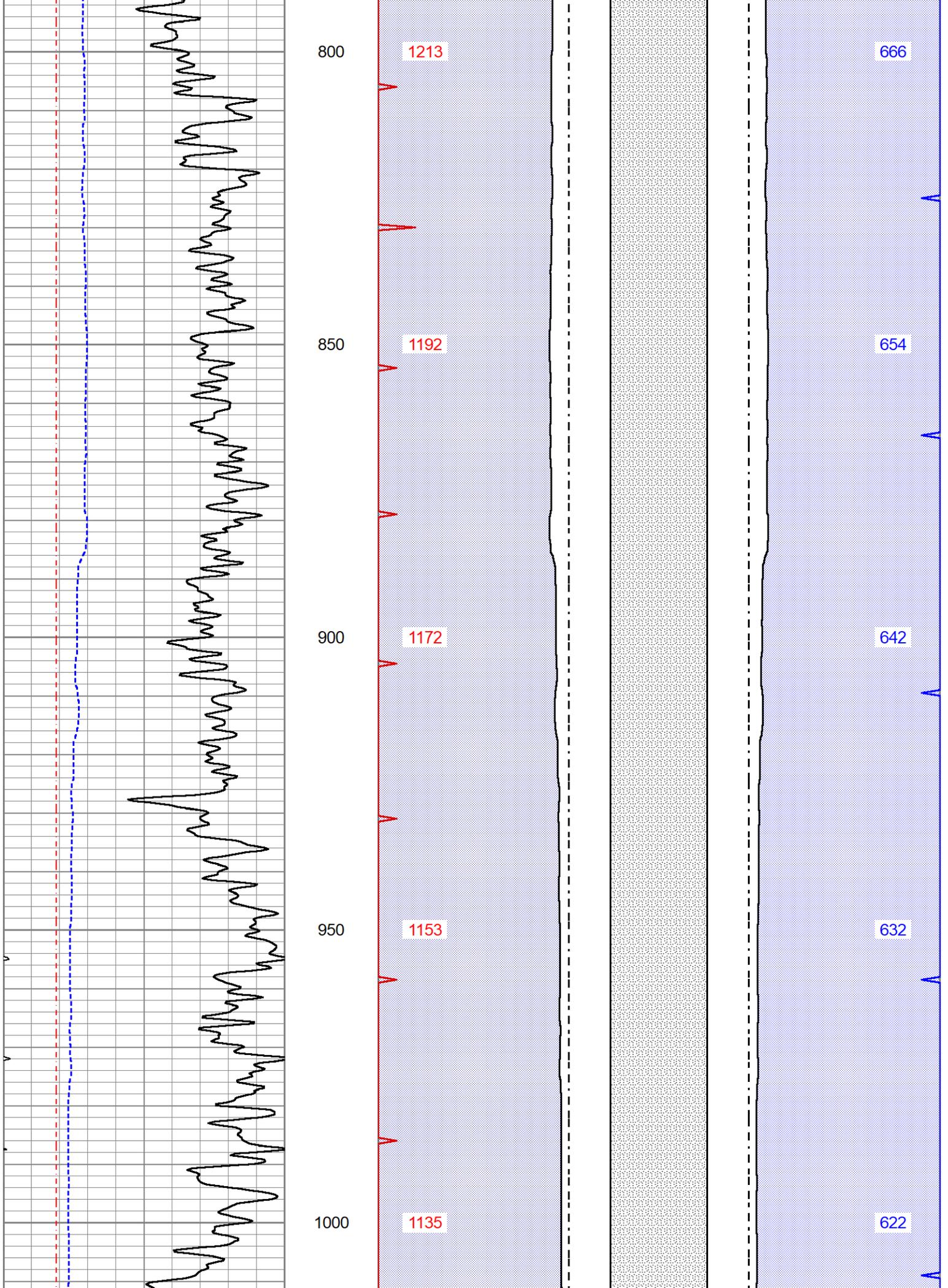
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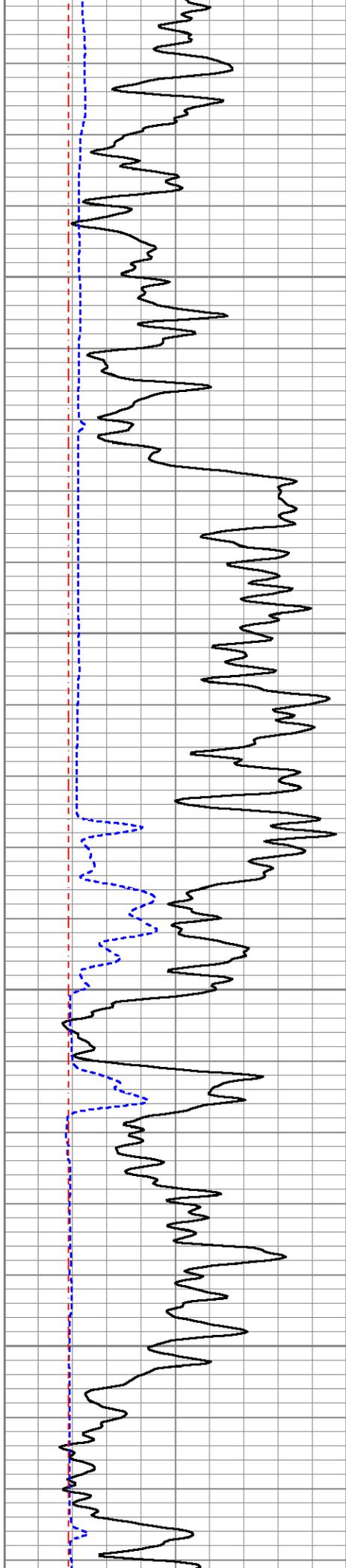
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690

679







1050

1117

1100

1099

1150

1077

1200

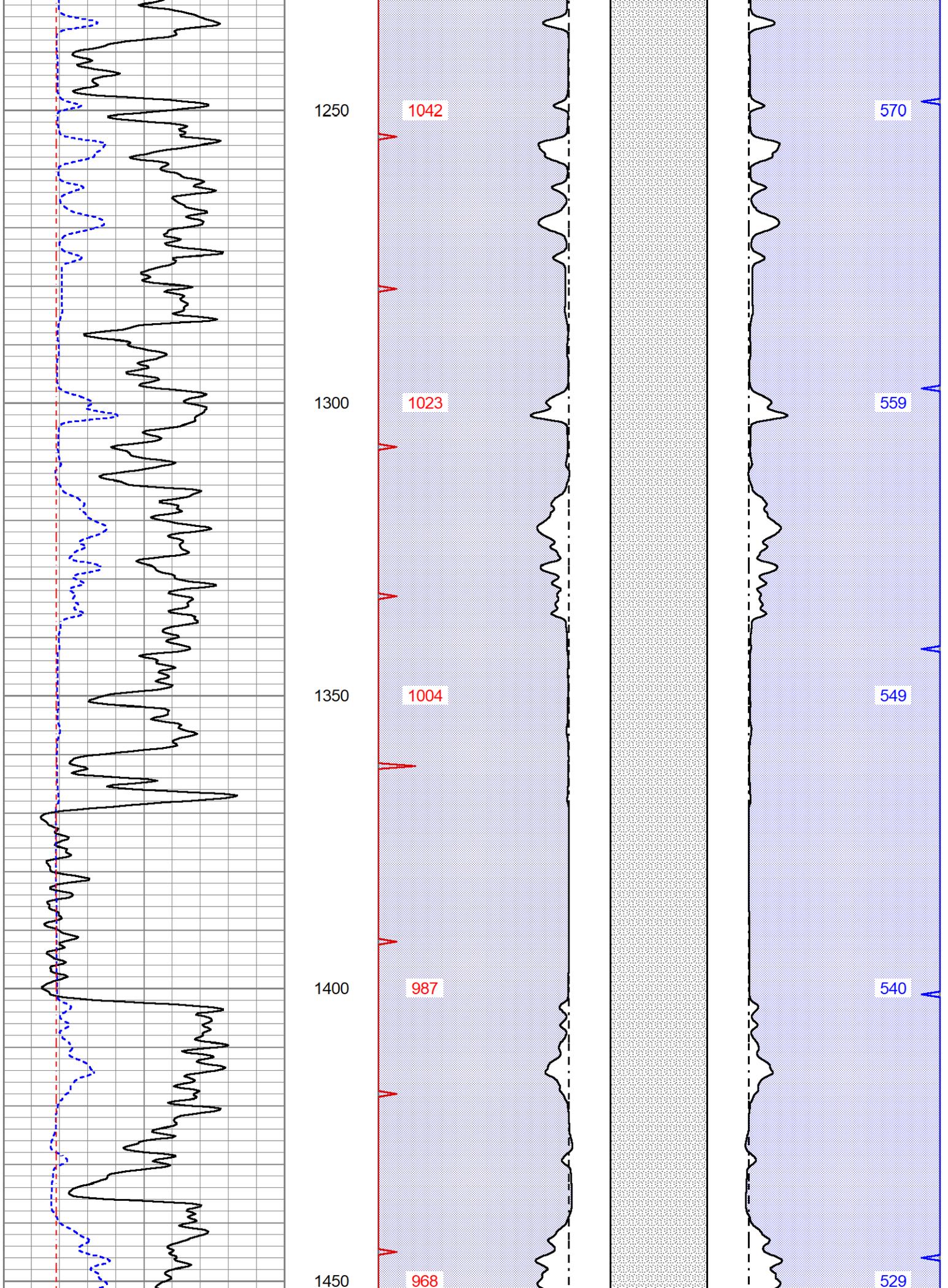
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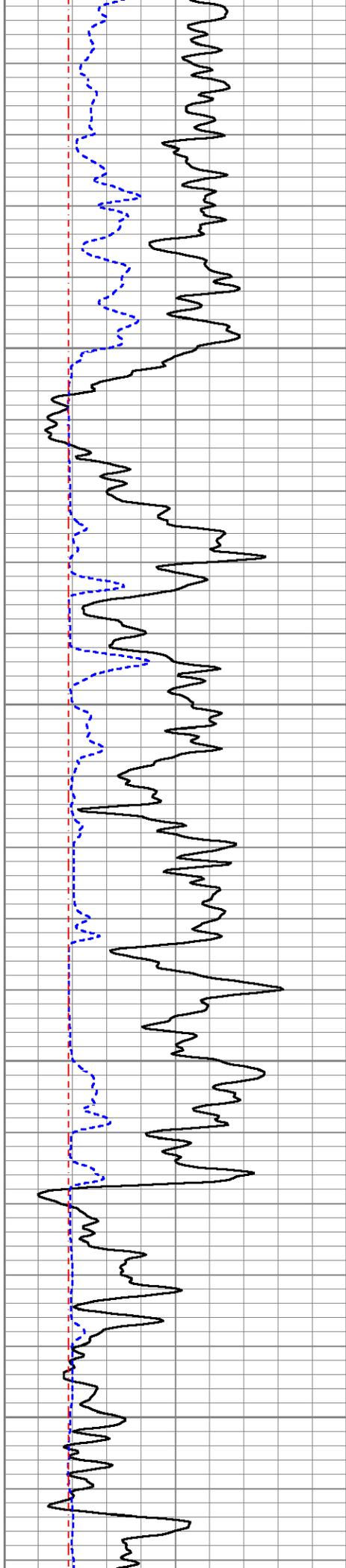
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603

589

579





1500

946

1550

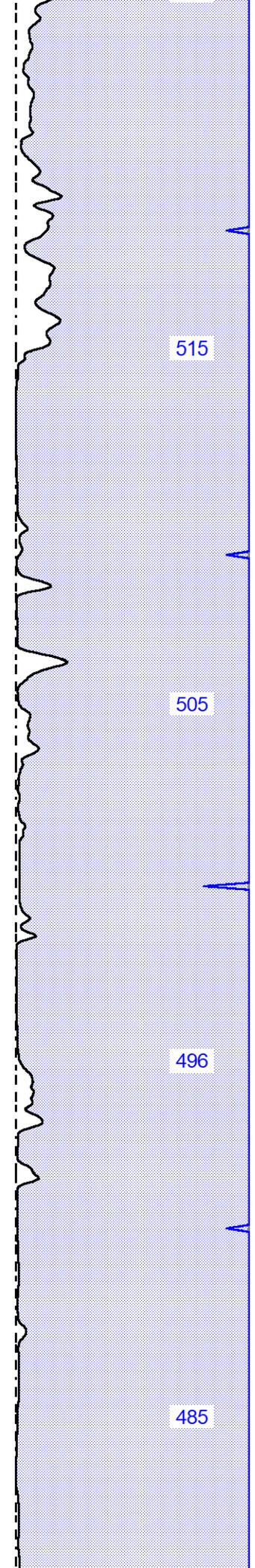
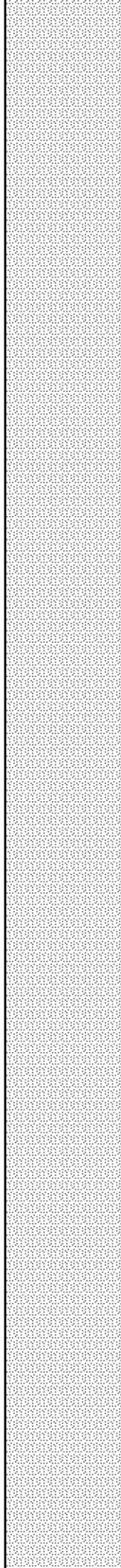
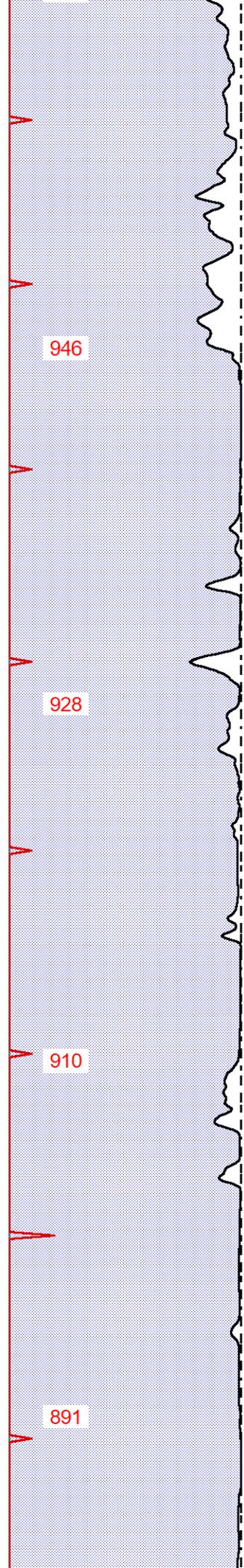
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1600

910

1650

891

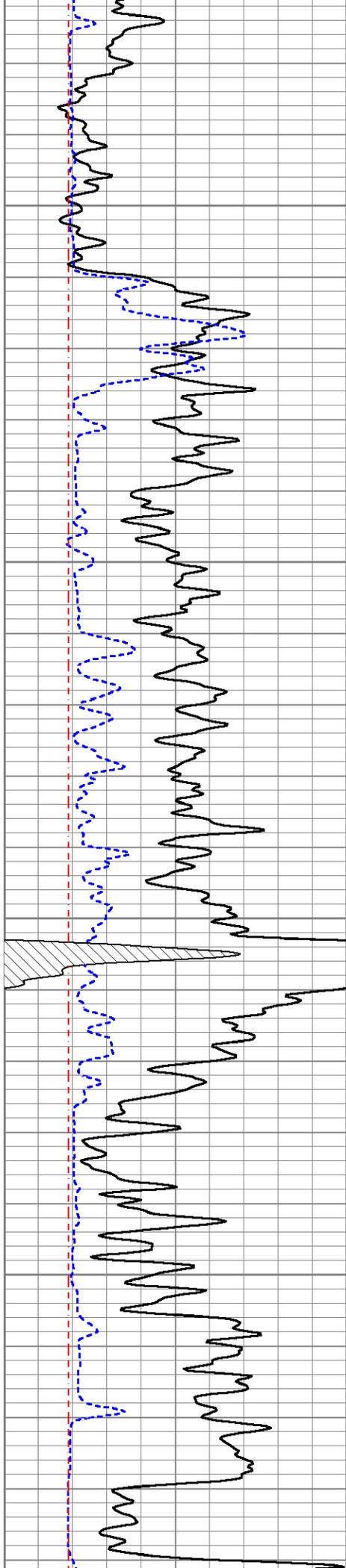


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505

496

485



1700

874

1750

850

1800

830

1850

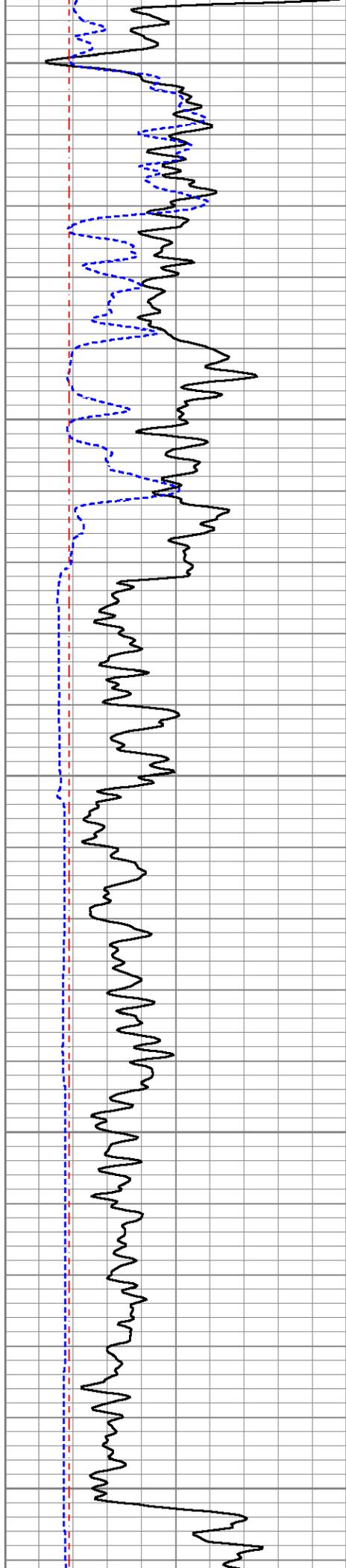
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2000

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2050

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2100

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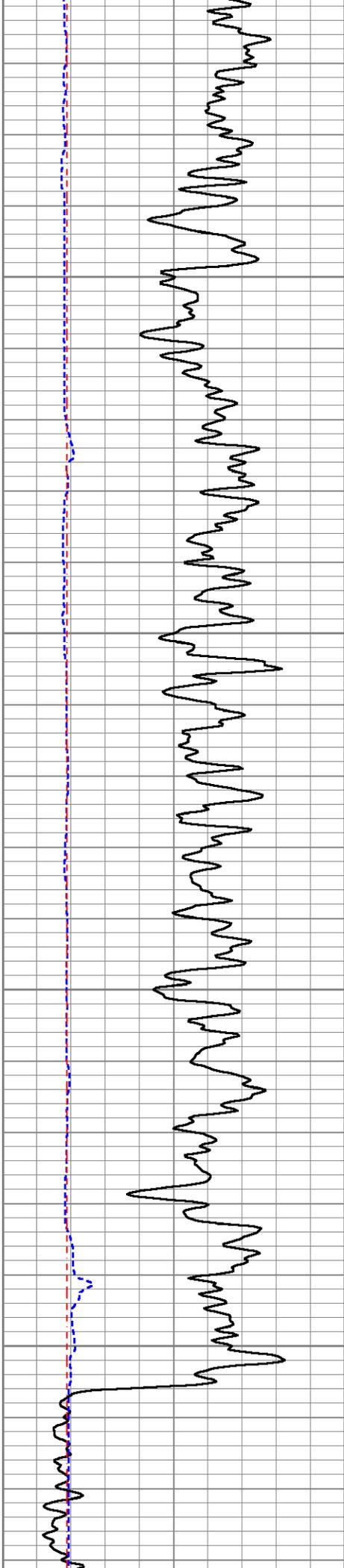
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381



2150

696

373

2200

679

364

2250

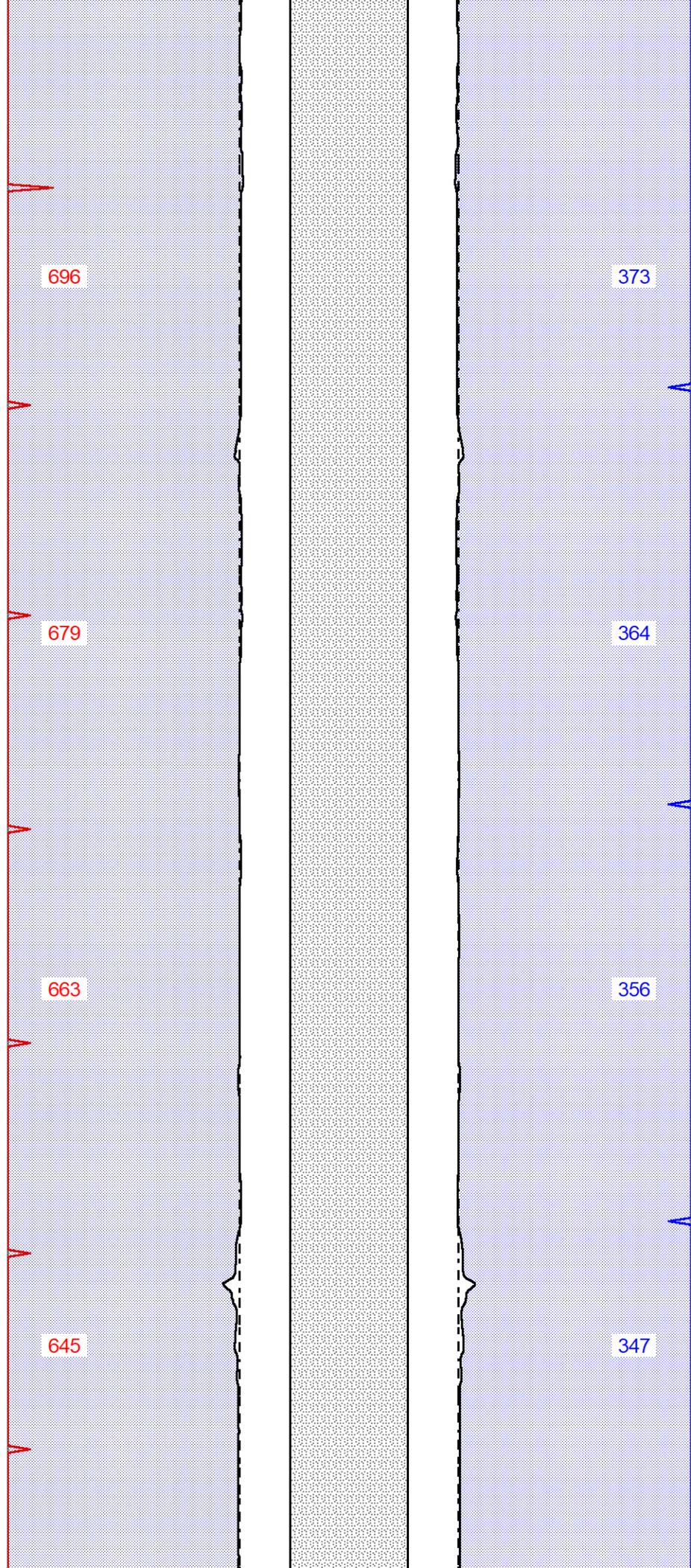
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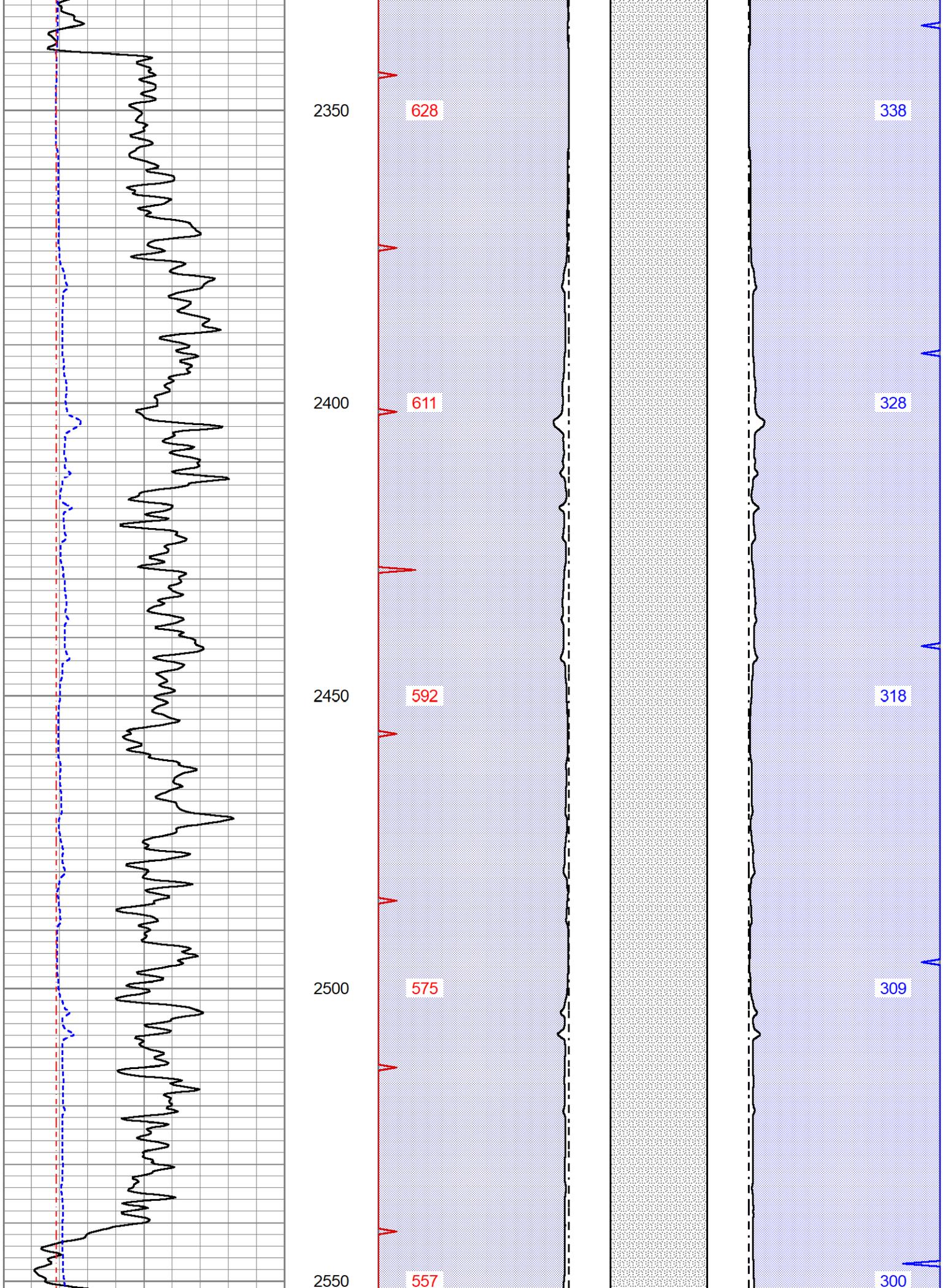
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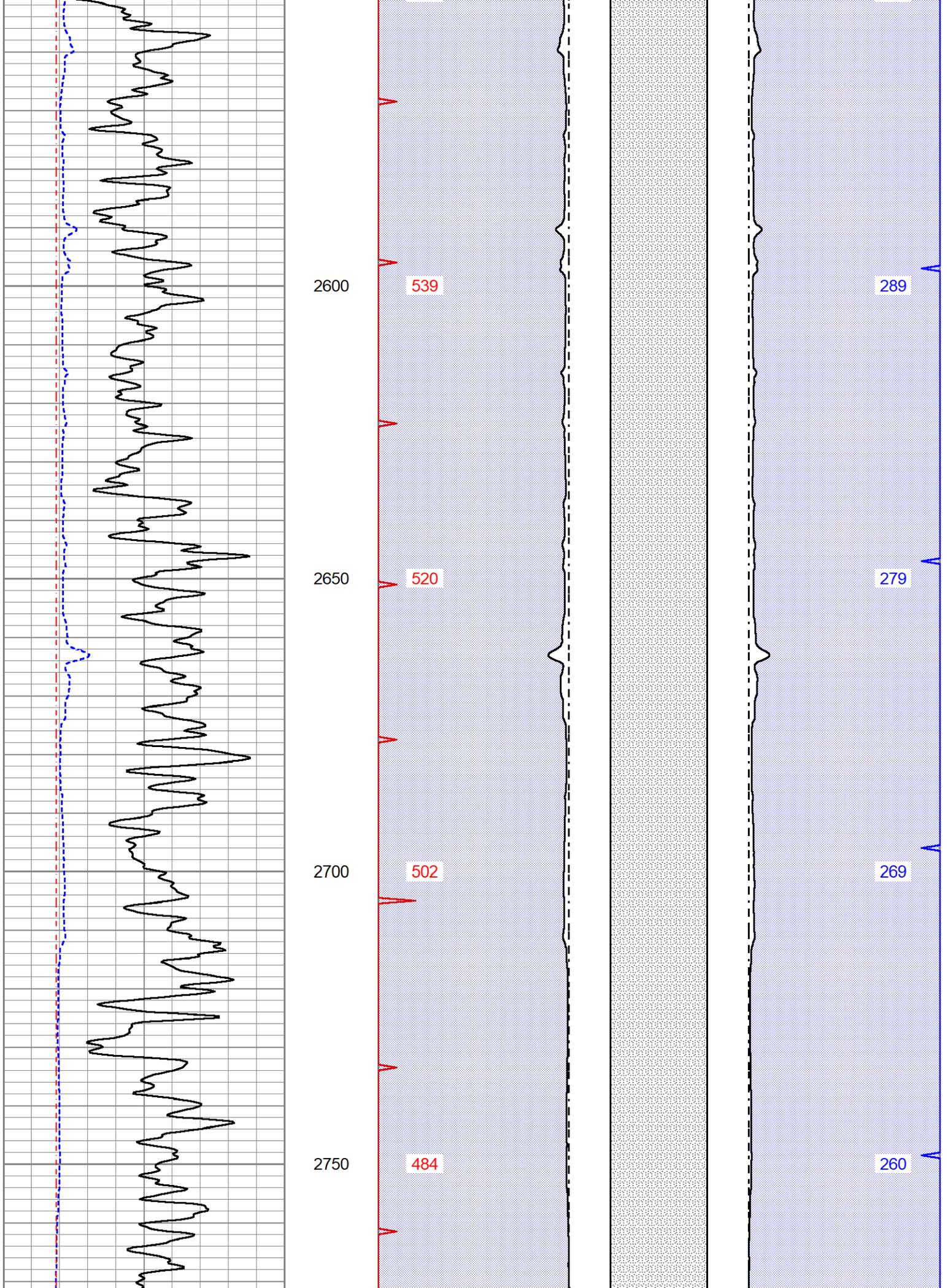
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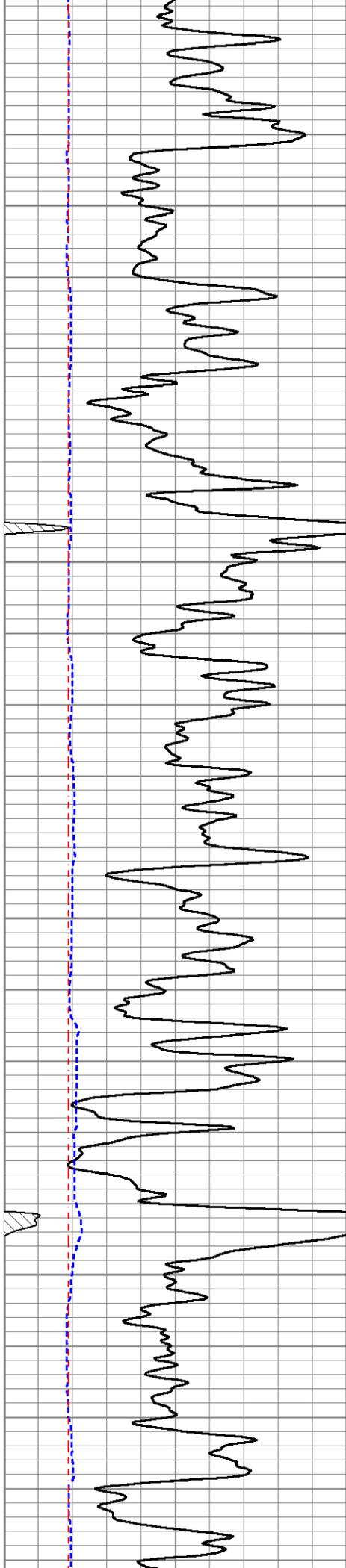
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2800

467

2850

450

2900

432

2950

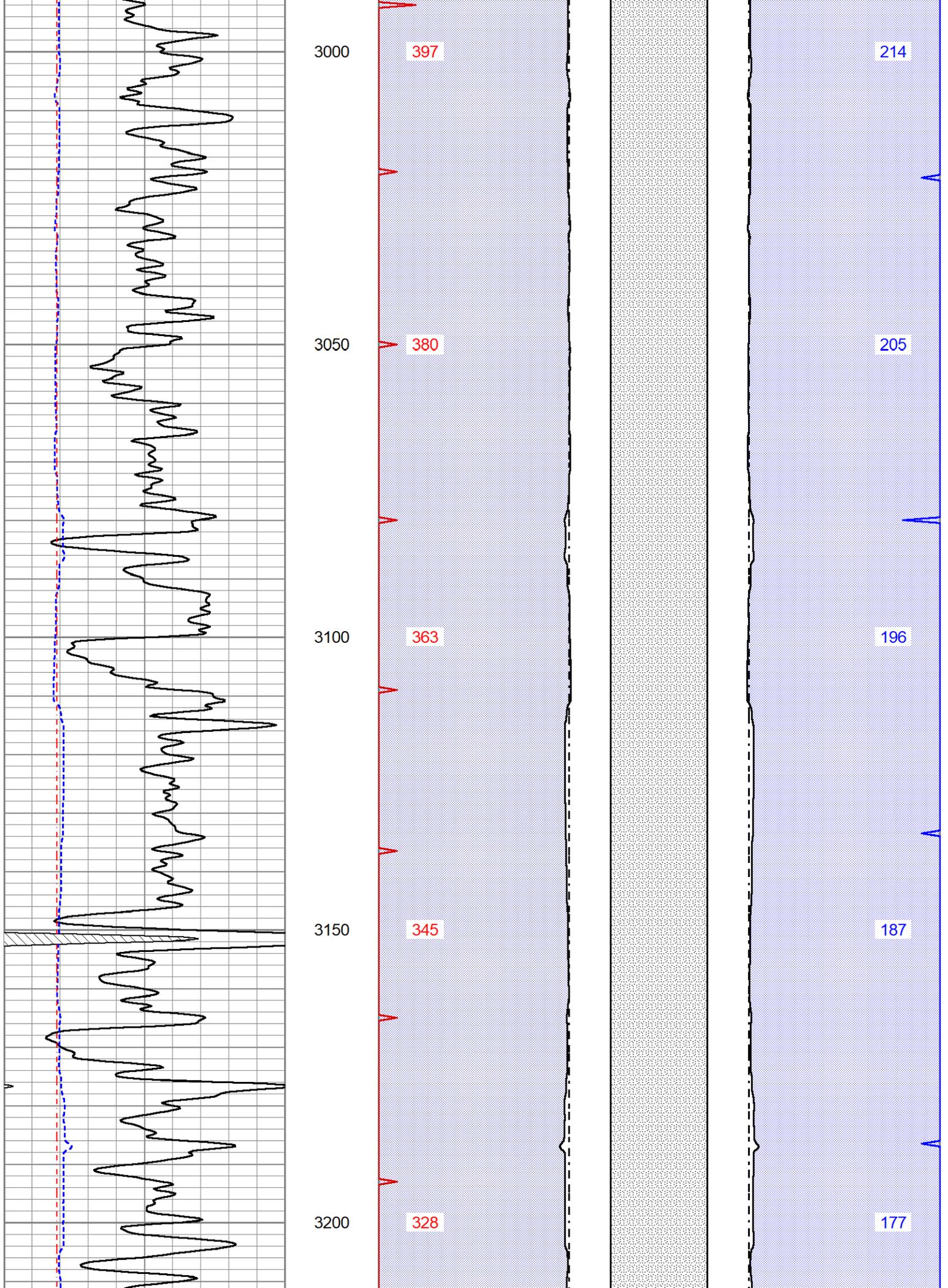
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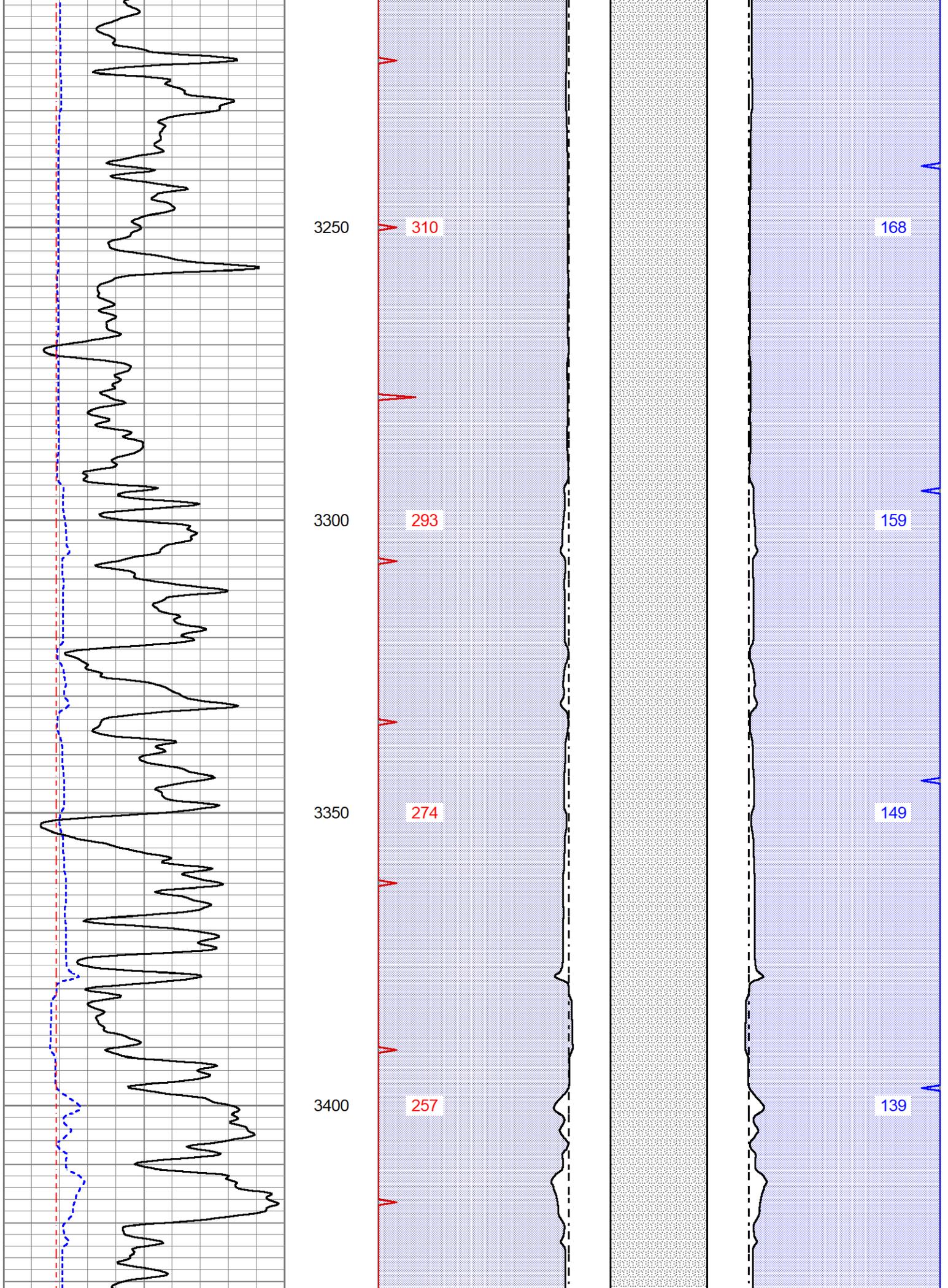
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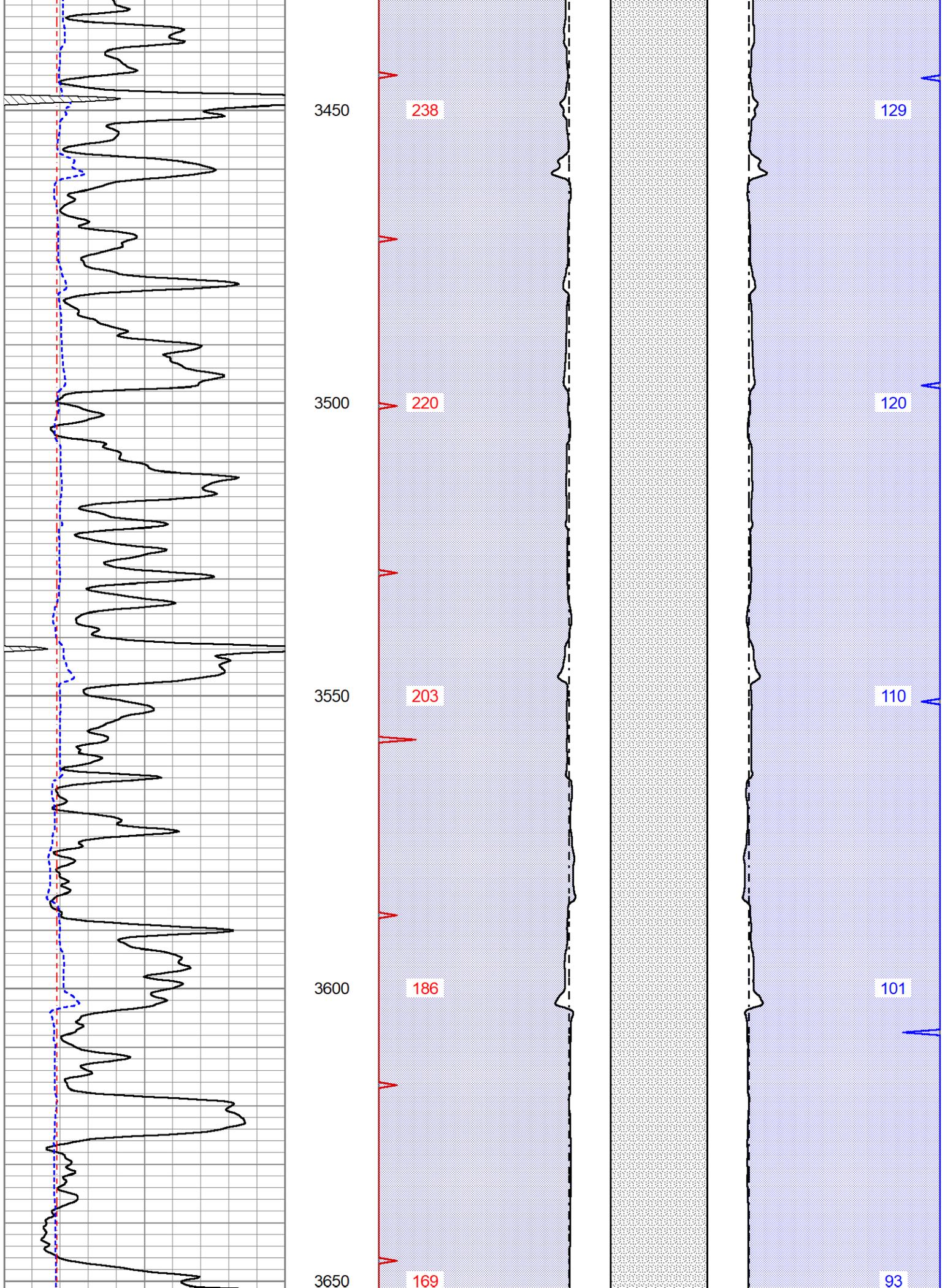
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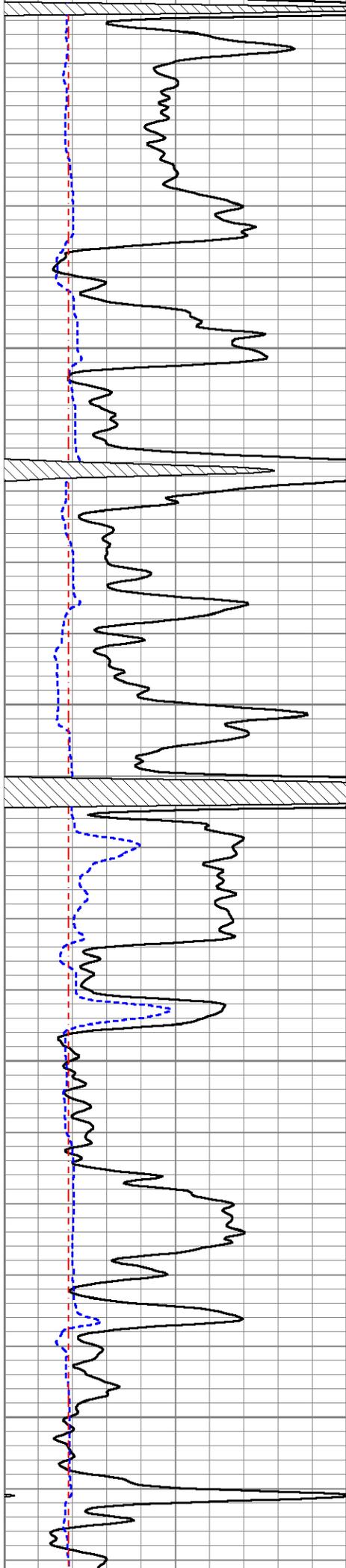
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223









3700

152

3750

134

3800

115

3850

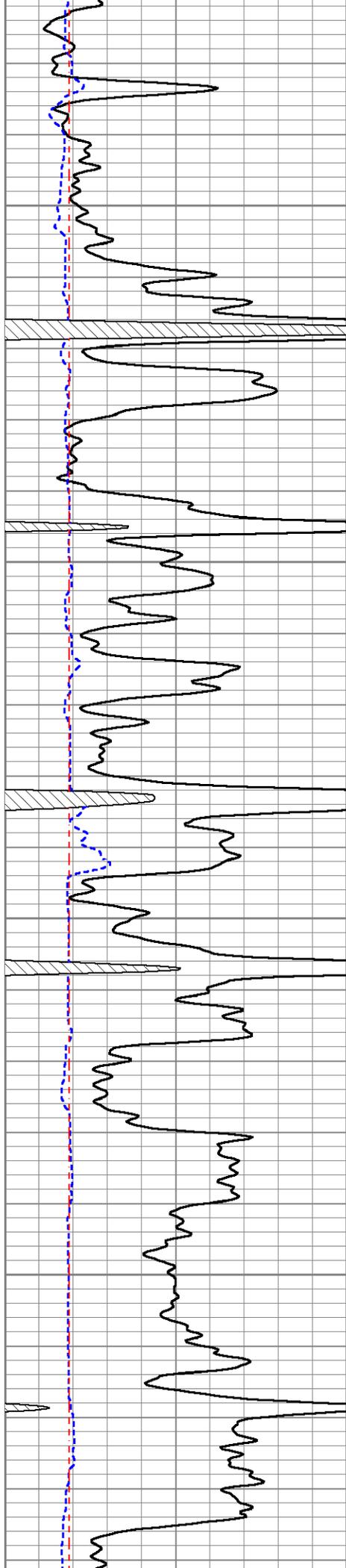
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84

75

64

54



3900

80

3950

63

4000

46

4050

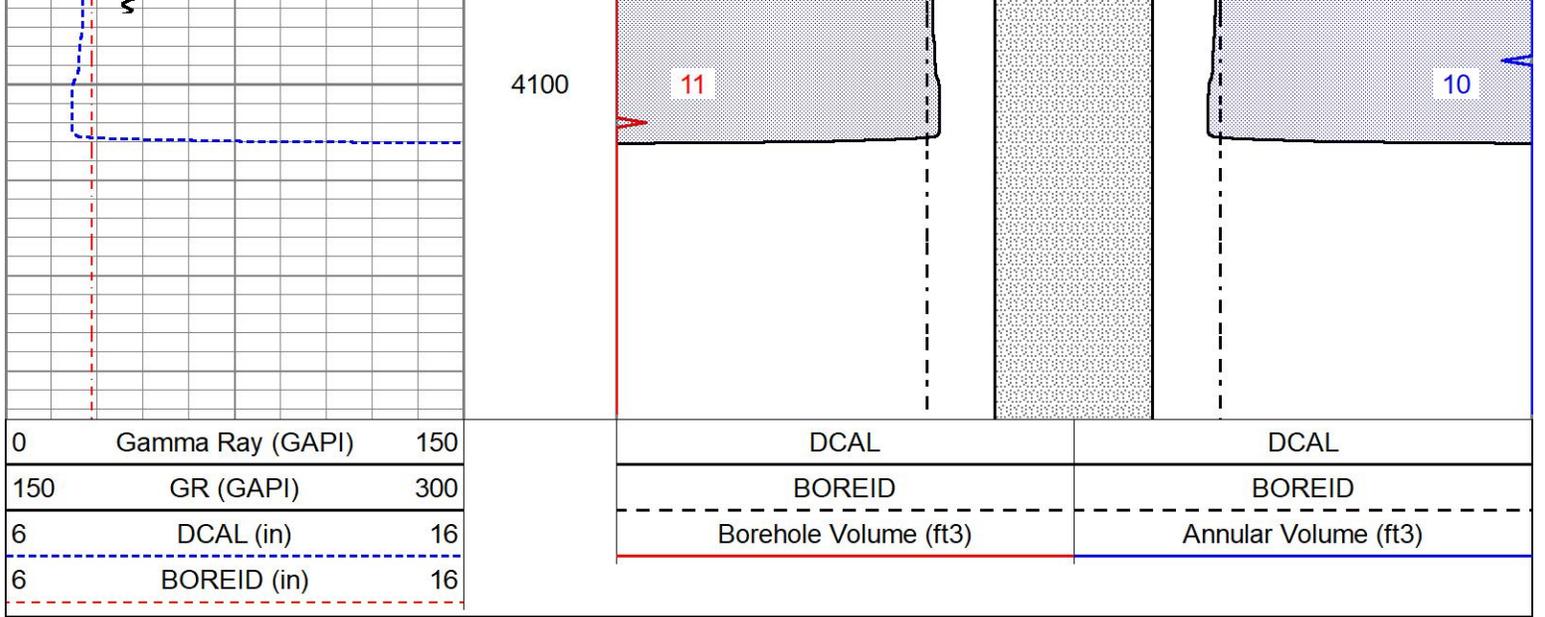
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46

37

27

18



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