MIDWEST WIRELINE

GAMMA RAY / CALIPER LOG

Company Murfin Drilling Company, Inc.
Well CWA 'G' #1-8
Field
County Cheyenne State Kansas
Location: API # : 15-023-21560-00-00
330 FSL & 1080 FWL
SEC 8 TWP 3S RGE 37W

Other Services
CNL/CDL
DIL/MEL
BHCS

Elevation
K.B. 3436
D.F.
G.L. 3431

Permanent Datum Ground Level Elevation 3431
Log Measured From Kelly Bushing
Drilling Measured From Kelly Bushing

Company	Murfin Drilling Company, Inc.
Well	CWA 'G' #1-8
Field	
County	Cheyenne
State	Kansas
Date	11/5/2021
Run Number	One
Type Log	BHV
Depth Driller	5150
Depth Logger	5150
Bottom Logged Interval	5149
Top Logged Interval	400
Type Fluid In Hole	Chemical
Salinity, PPM CL	1400
Density	9.2
Level	Full
Max. Rec. Temp. F	128
Operating Rig Time	6 Hours
Equipment -- Location	P-24 | HAYS
Recorded By	D. Schmidt
Witnessed By	Robert Hendrix

Borehole Record

Run No.	Bit	From	To
One	12.25	0	403
Two	7.875	403	TD

Casing Record

Size	Wgt.	From	To
8.625	23	0	403

<<< Fold Here >>>

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.

McDonald,
West to 30 Rd, 4 North, 1/4 East,
South 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

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb
			GR-M&W (233-M&W)	3.00	3.50	50.00
GR	40.58					
CNLSC	37.48		CNT-M&W (207-MW)	5.50	3.50	100.00
CNSSC	36.73					
			CDL-M&W (934-226)	8.50	4.00	250.00
LSD	28.43					
DCAL	28.42					
SSD	27.93					
			ML-PSIML (PSI-01) GO Micro log tools converted to Simplec electronics	7.58	4.00	65.00
MCAL	19.83					
MI	19.83					
MN	19.83					
RLL3F	15.80					
RLL3	15.80					
			DIL-PSI HIGH TEMP (952-828)	18.50	3.50	220.00
CILD	8.00					
CILM	4.70					
SP	0.20					

Dataset: murfin_cwa g 1-8.db: field/well/stkml/pass3.1
Total length: 43.08 ft
Total weight: 685.00 lb
O.D.: 4.00 in

Log Variables

DatabaseC:\ProgramData\Warrior\Data\murfin_cwa g 1-8.db
Dataset field/well/stkml/pass3.1/_vars_

Top - Bottom

A	BOREID in	BOTTEMP degF	CASEOD in	CASETHCK in	FLUIDDEN g/cc	M	MATRXDEN g/cc
1	7.875	128	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	320	50	Off	5150

Variable Description

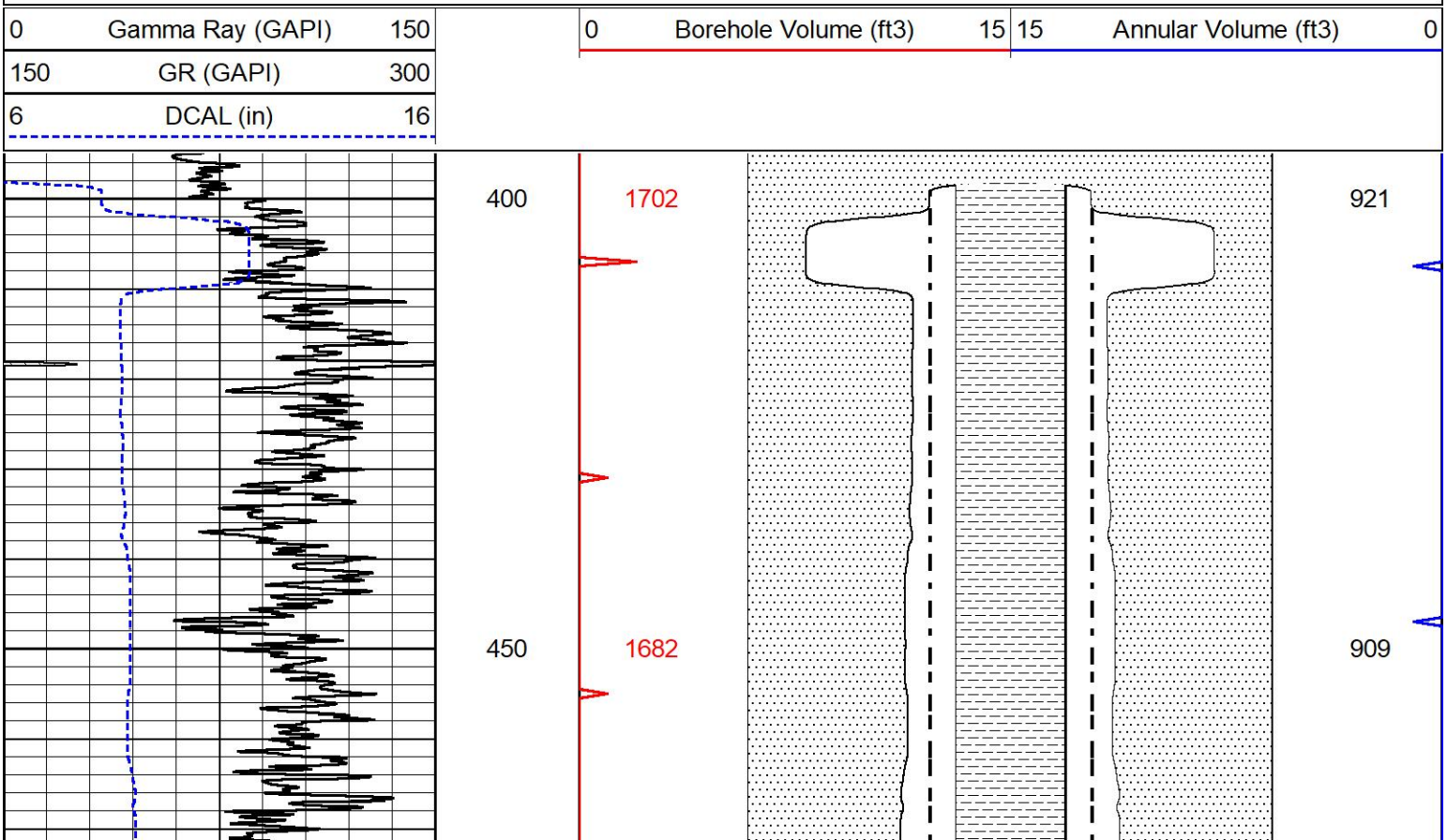
A : Cement Factor (a)
BOREID : Borehole I.D.
BOTTEMP : Bottom Hole Temperature
CASEOD : Casing O.D.
CASETHCK : Casing Thickness
FLUIDDEN : Fluid Density
M : Cement Exp (m)
MATRXDEN : Matrix Density
NPORSEL : Neutron Porosity Curve Select
PERFS : Perforation Flag
SNDERR : Deep Sonde Error Correction
SNDERRM : Medium Sonde Error Correction
SPSHIFT : S.P. Baseline Offset
SRFTEMP : Surface Temperature
SZCOR : CN Size Cor. ?
TDEPTH : Total Depth

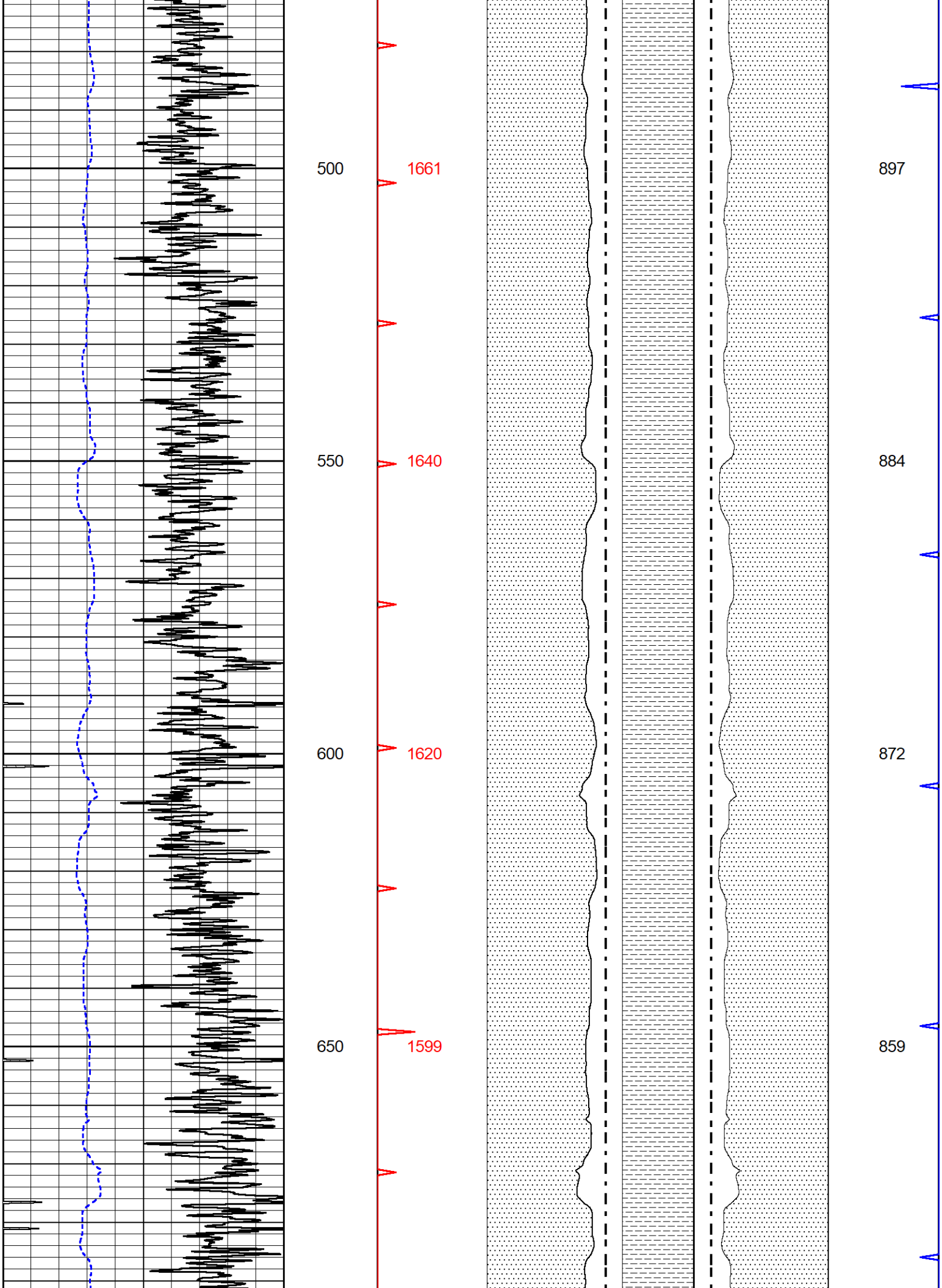
MIDWEST WIRELINE

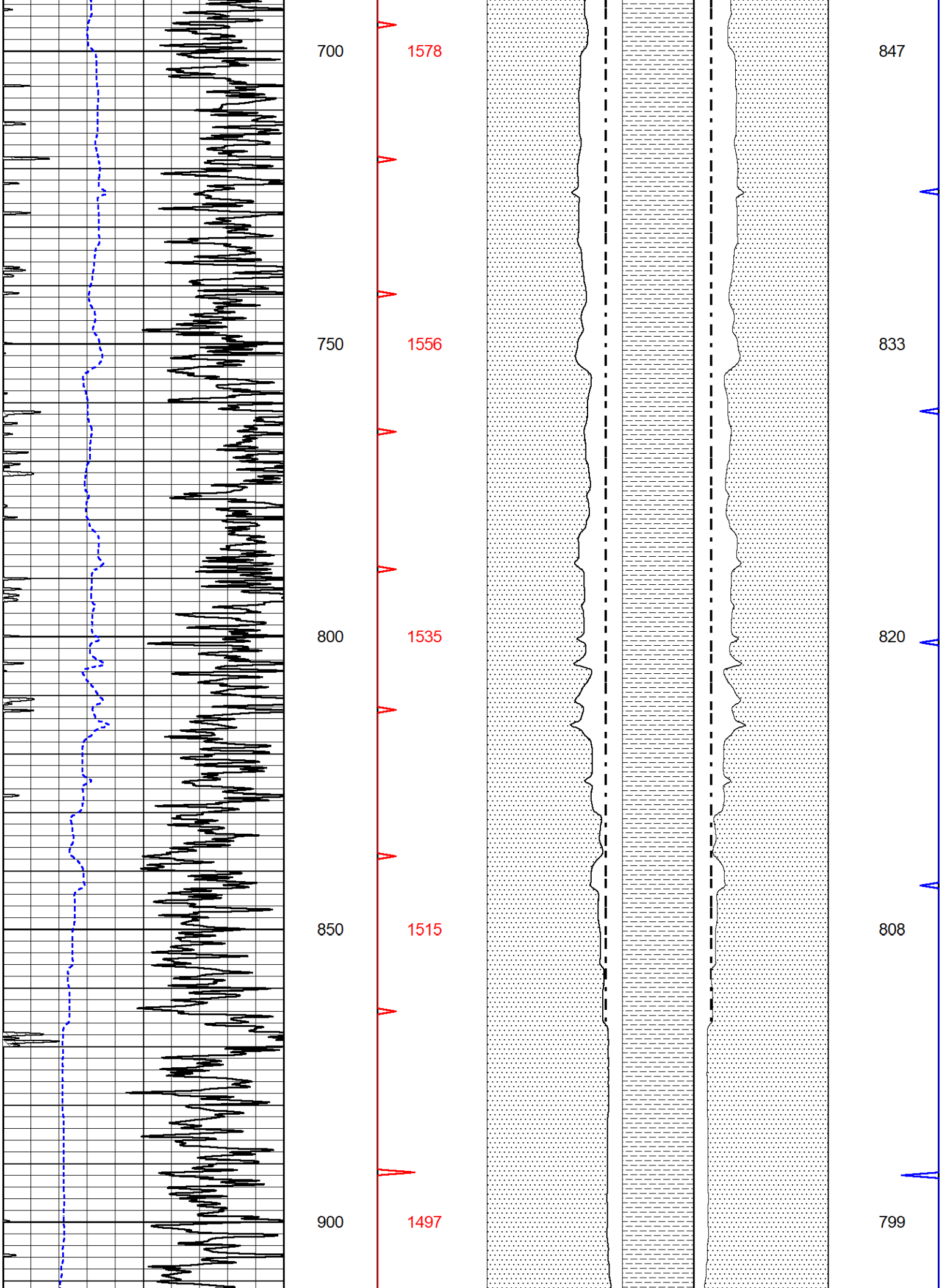
DETAIL SECTION

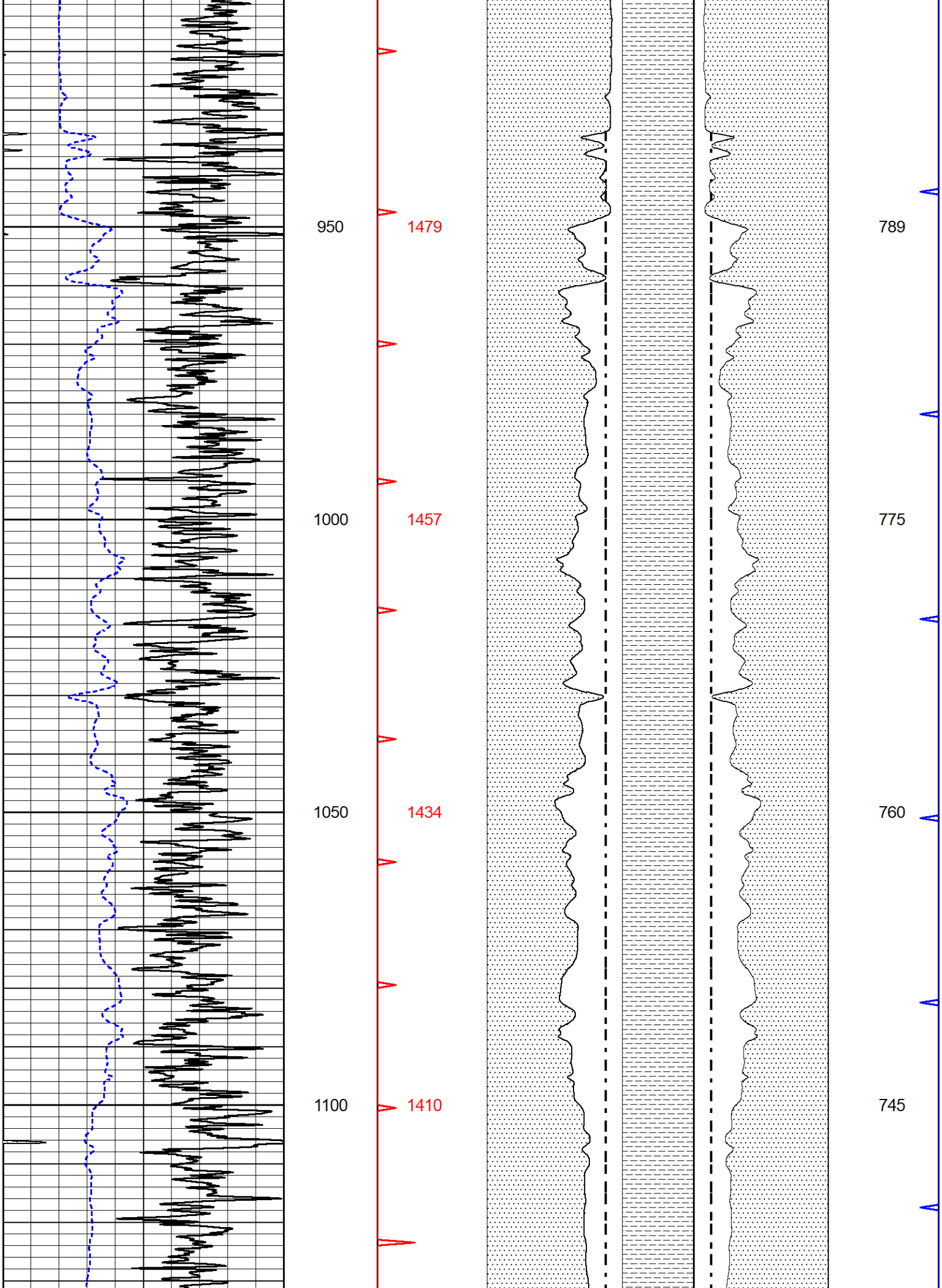
MAIN PASS

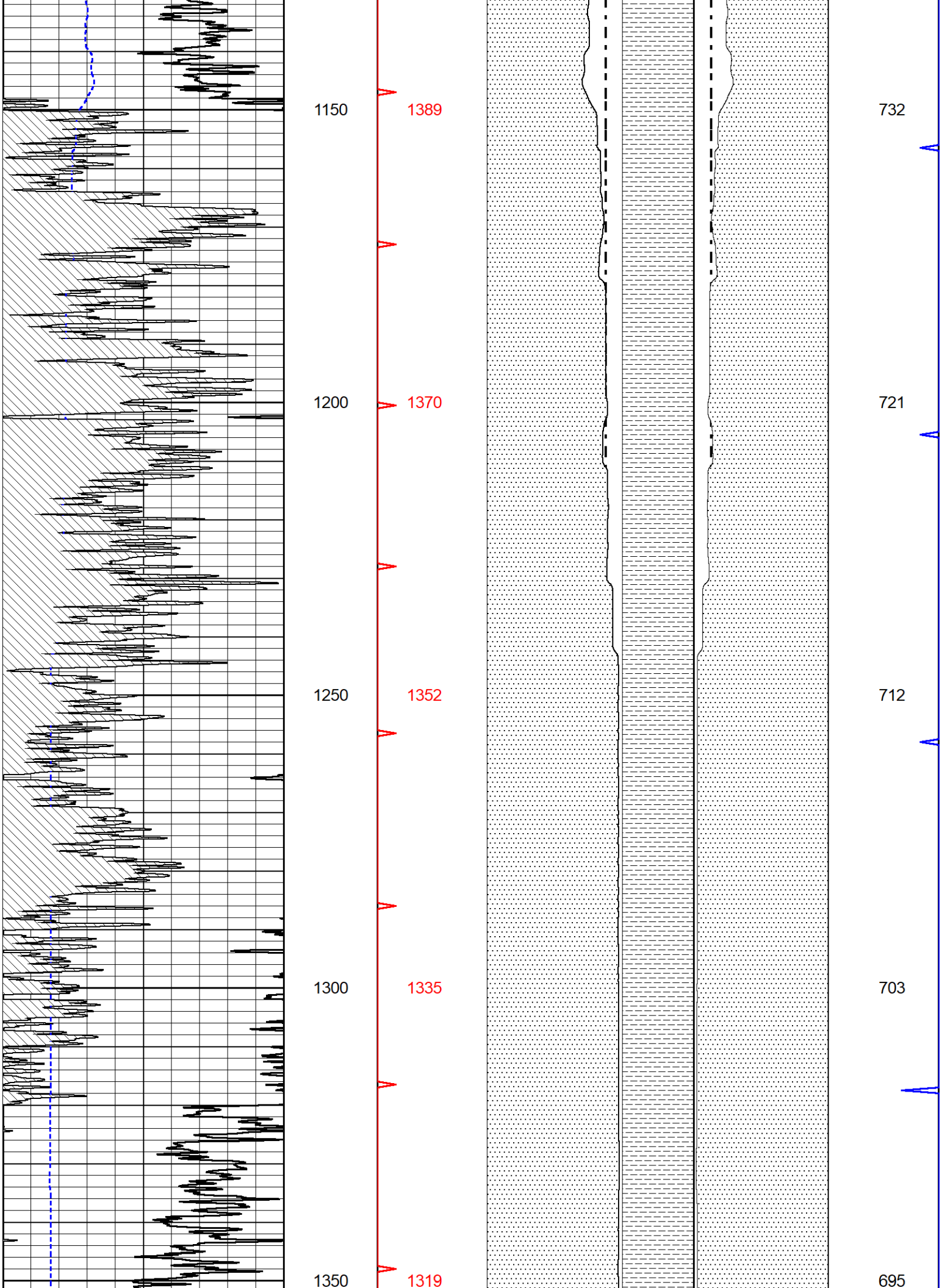
Database File	murfin_cwa g 1-8.db
Dataset Pathname	stkml/pass3.1
Presentation Format	bhv5half
Dataset Creation	Fri Nov 05 09:39:52 2021
Charted by	Depth in Feet scaled 1:240

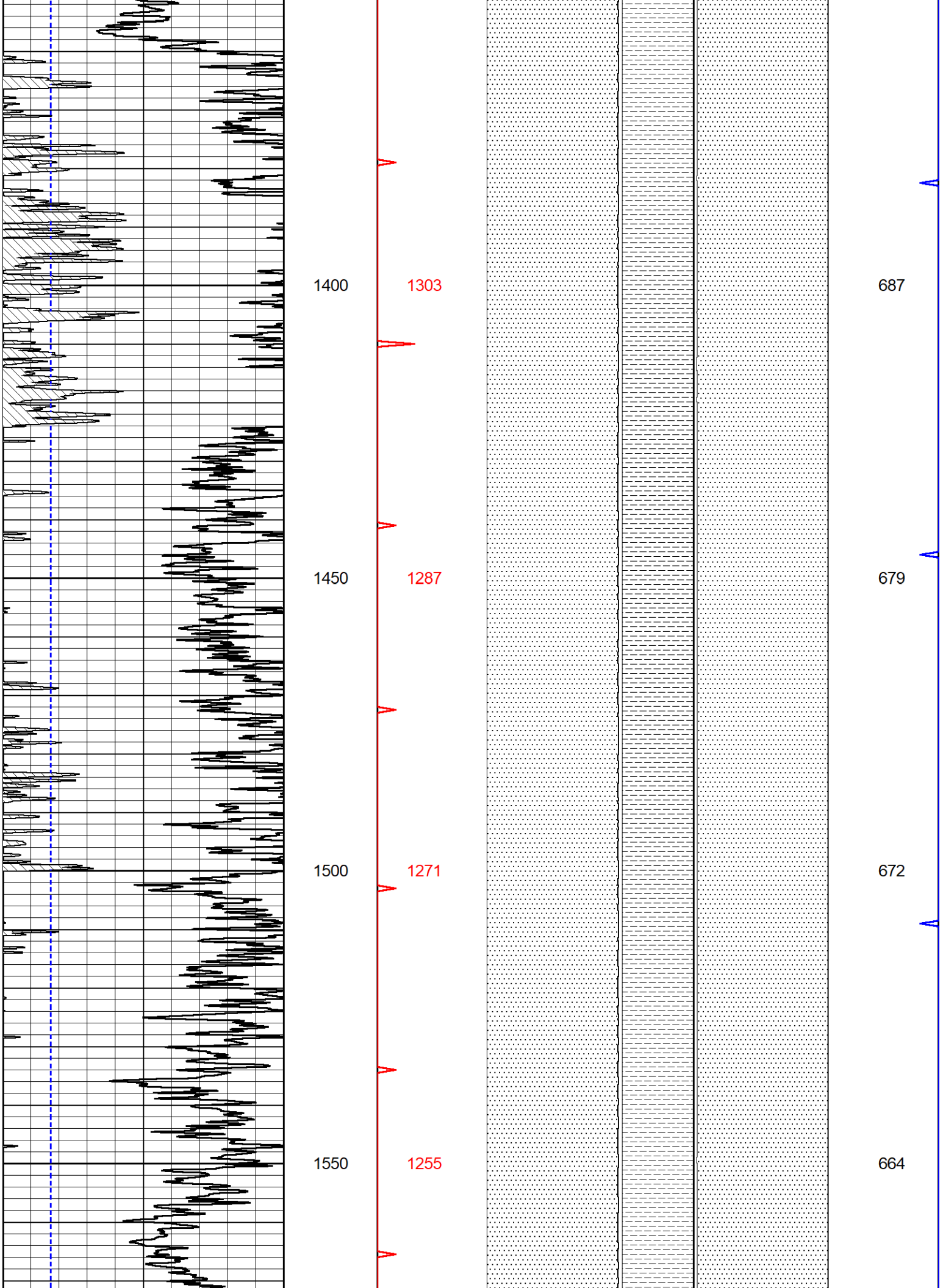


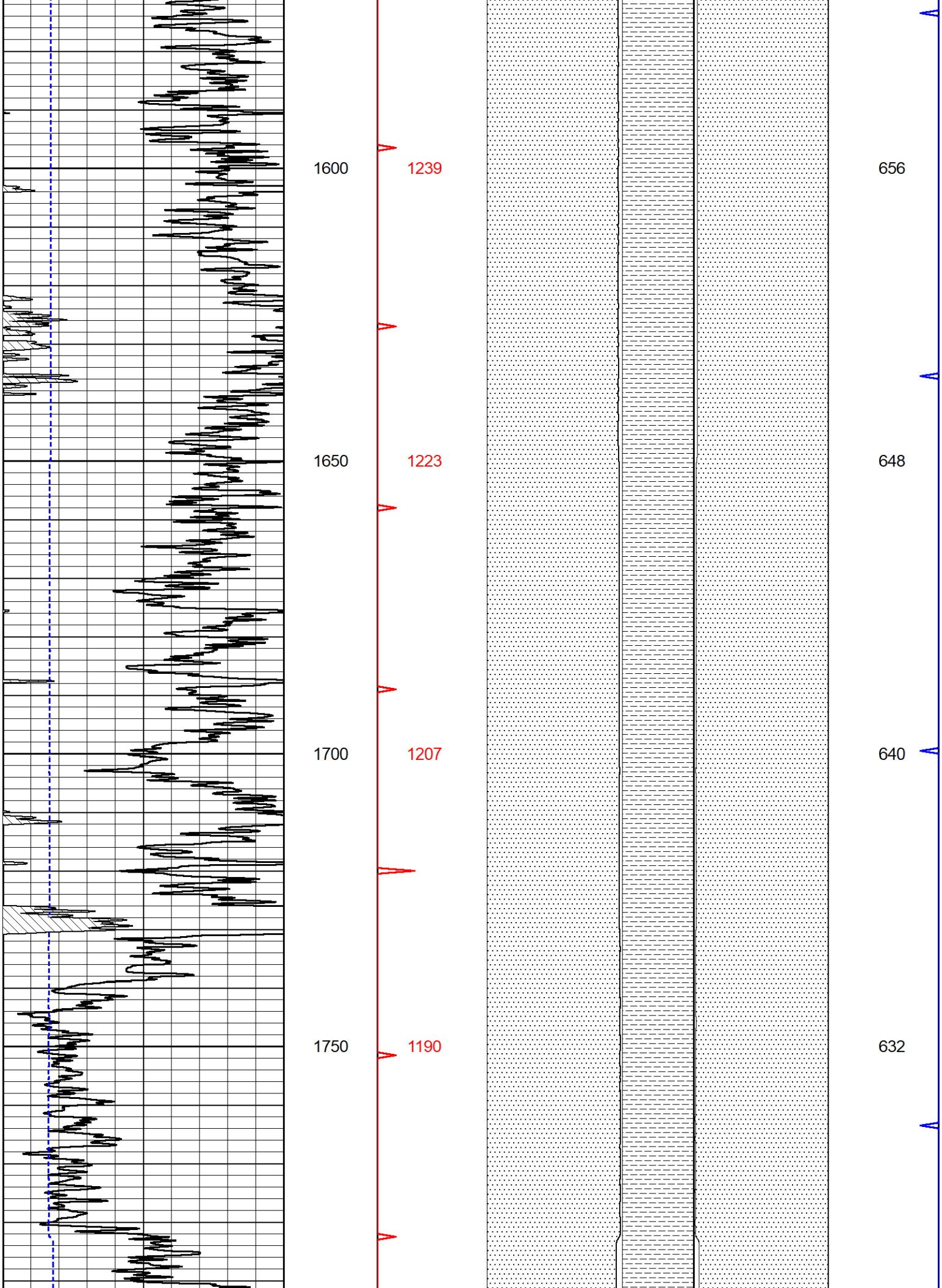

500
1661
897
550
1640
884
600
1620
872
650
1599
859

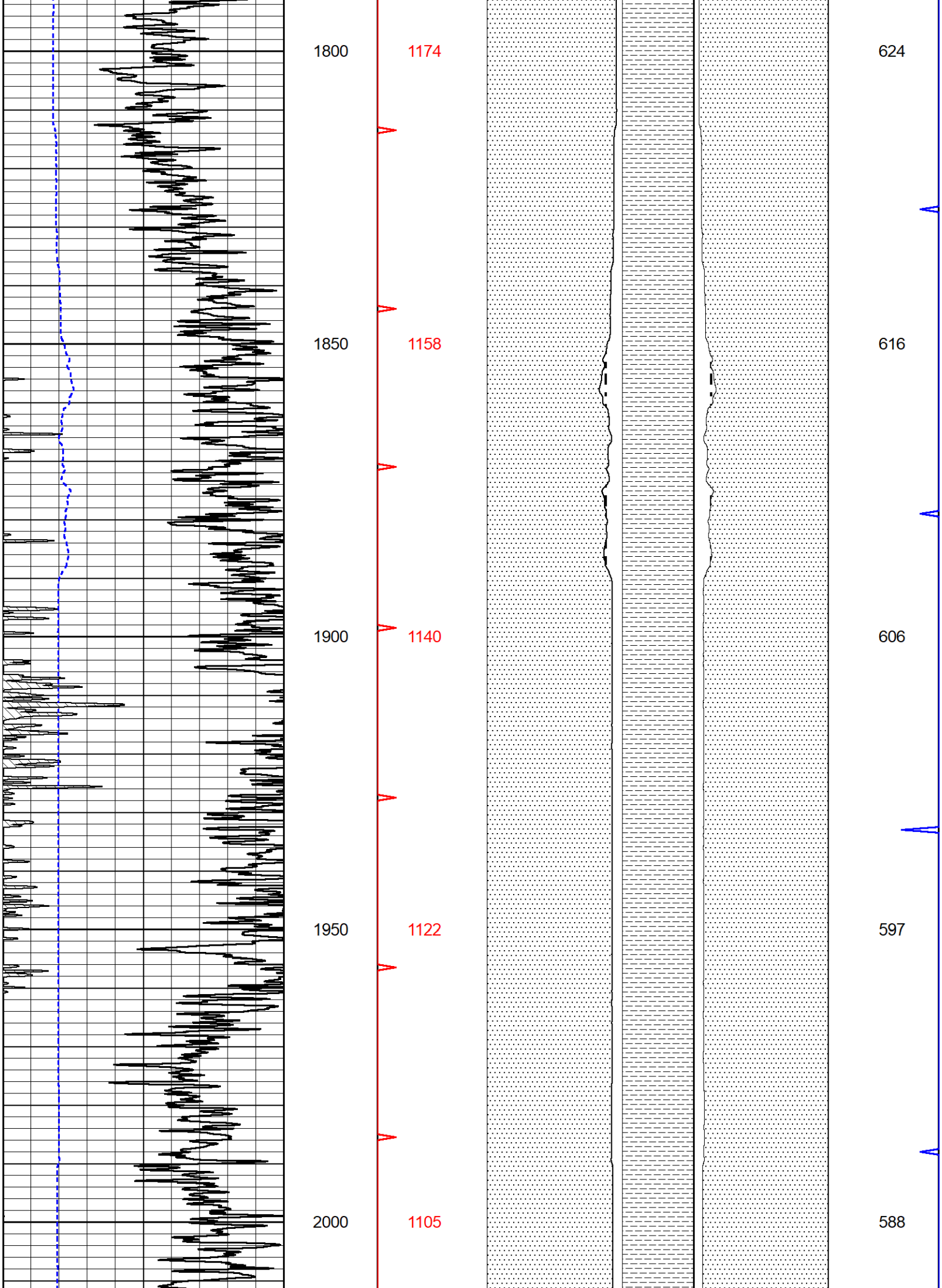

700
1578
847
750
1556
833
800
1535
820
850
1515
808
900
1497
799

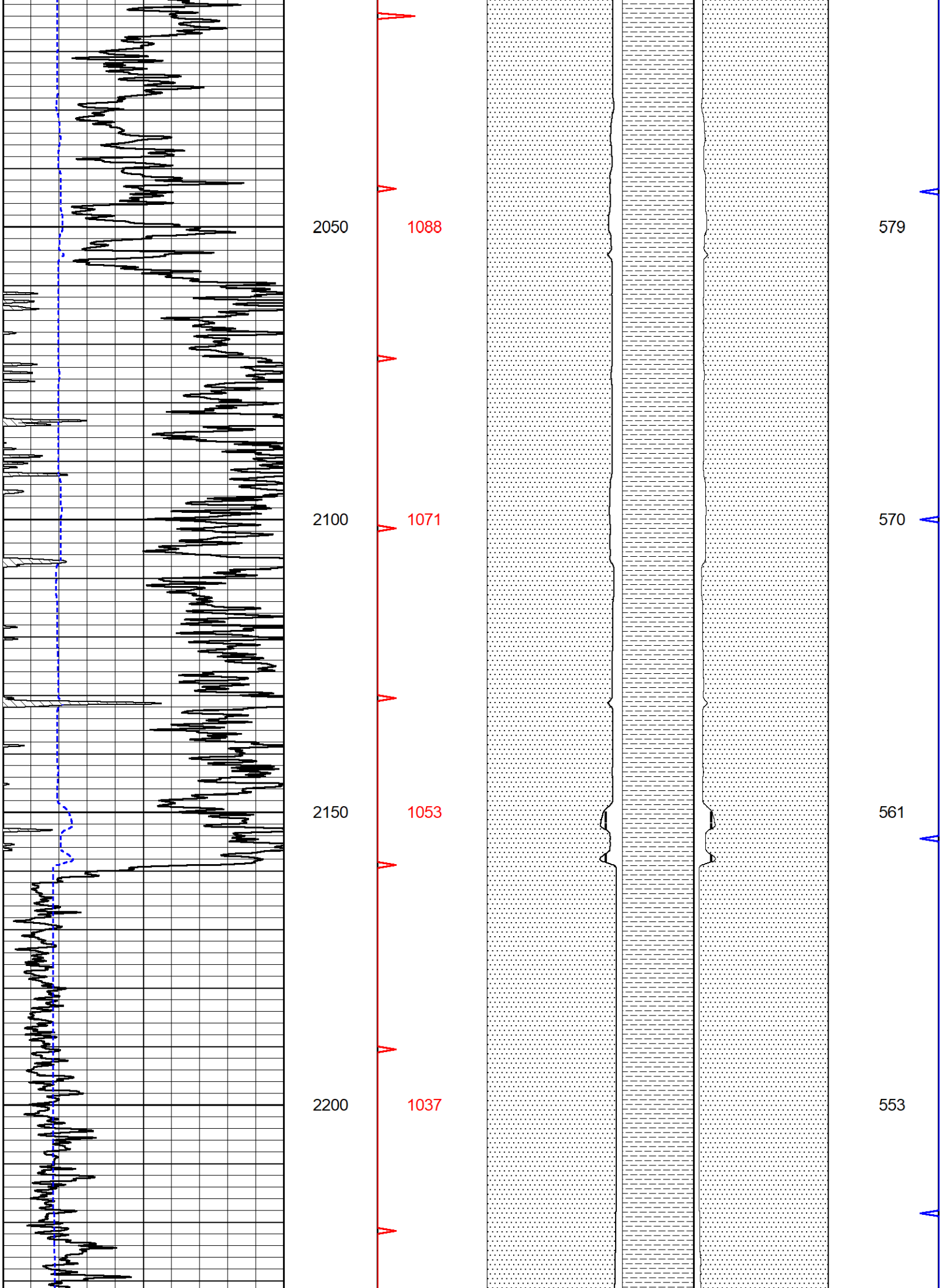

950
1000
1050
1100
1479
1457
1434
1410
789
775
760
745

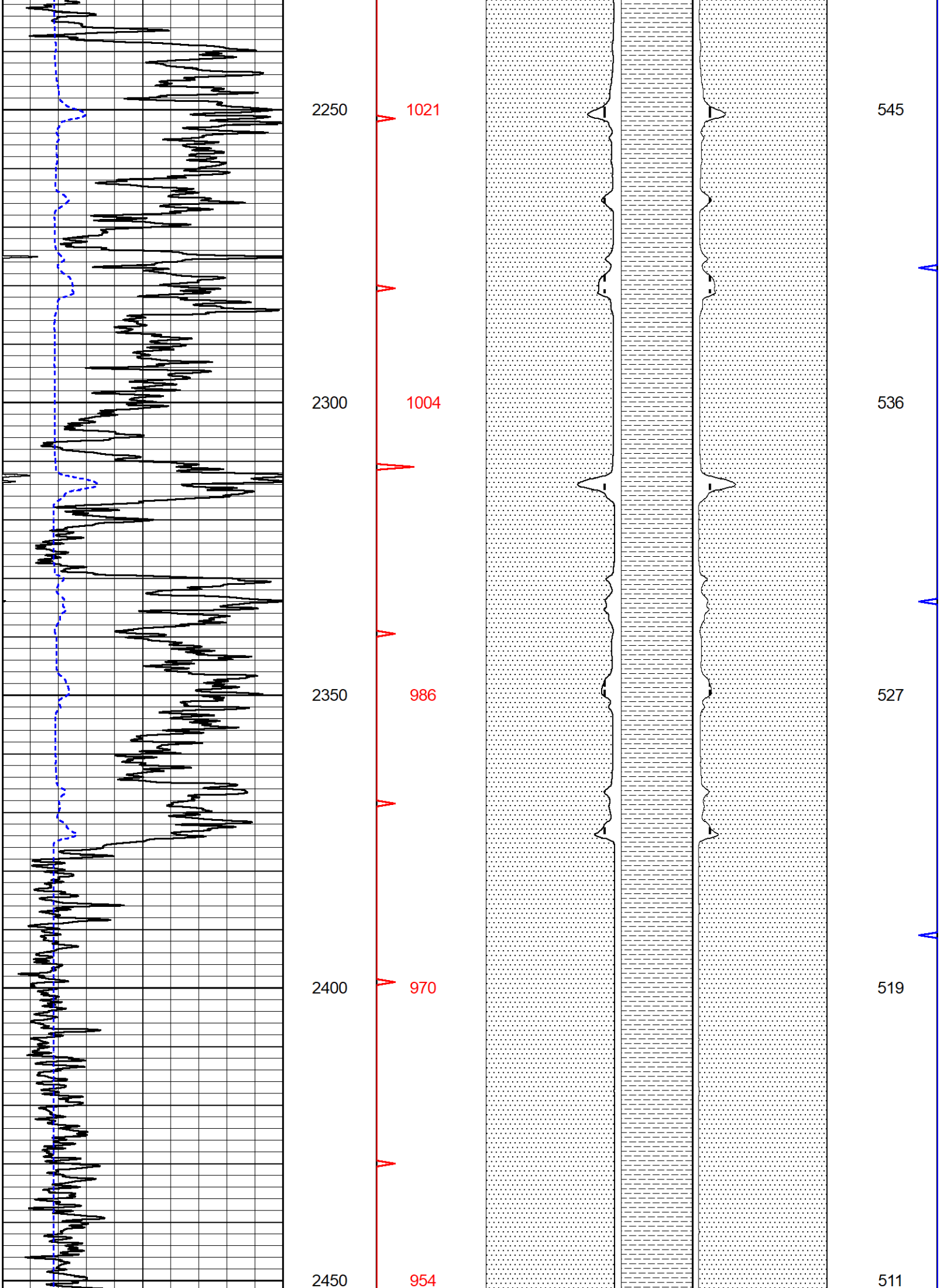

1150
1389
732
1200
1370
721
1250
1352
712
1300
1335
703
1350
1319
695

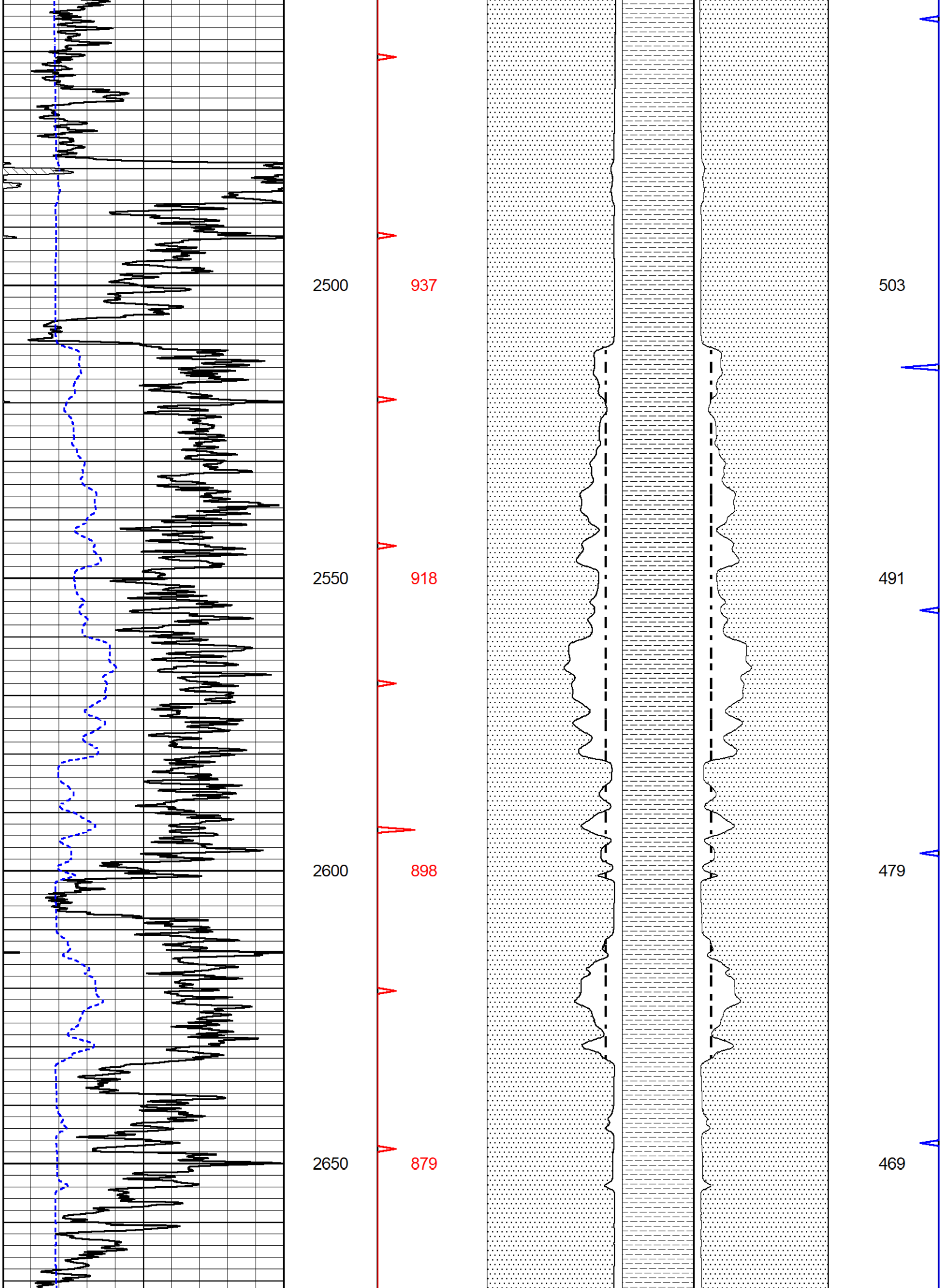

1400
1303
687
1450
1287
679
1500
1271
672
1550
1255
664

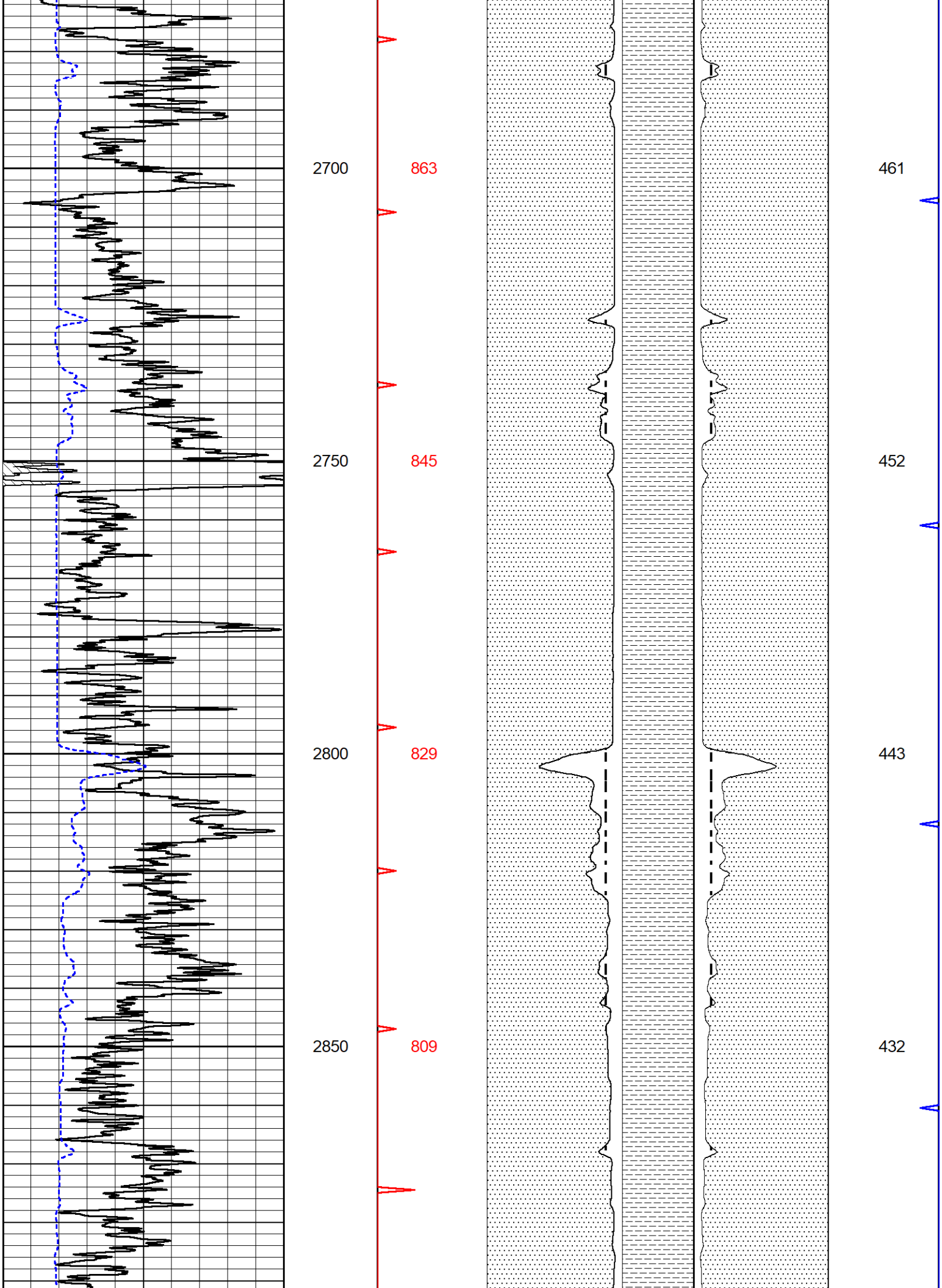

1600
1239
656
1650
1223
648
1700
1207
640
1750
1190
632

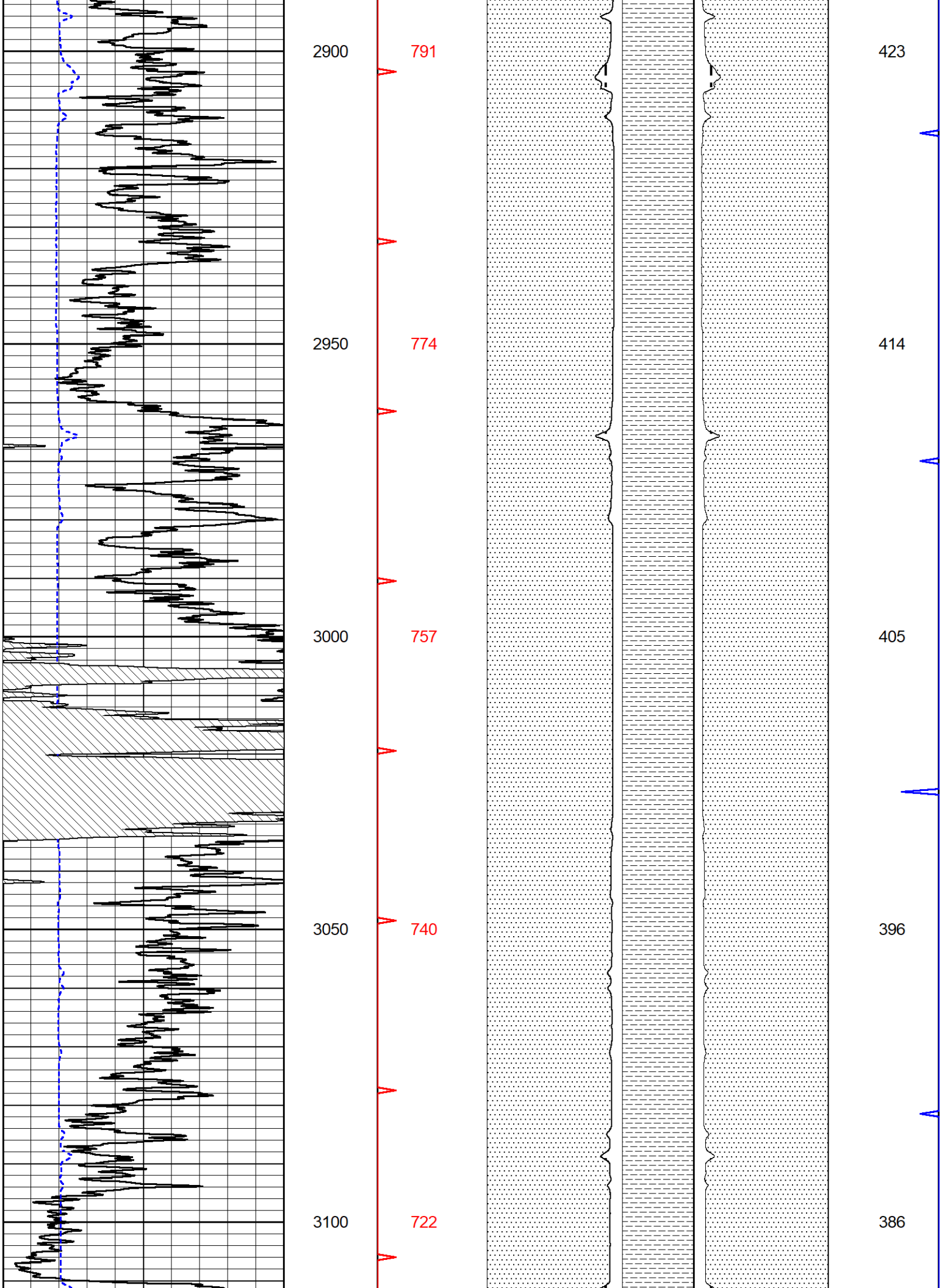

1800
1174
624
1850
1158
616
1900
1140
606
1950
1122
597
2000
1105
588

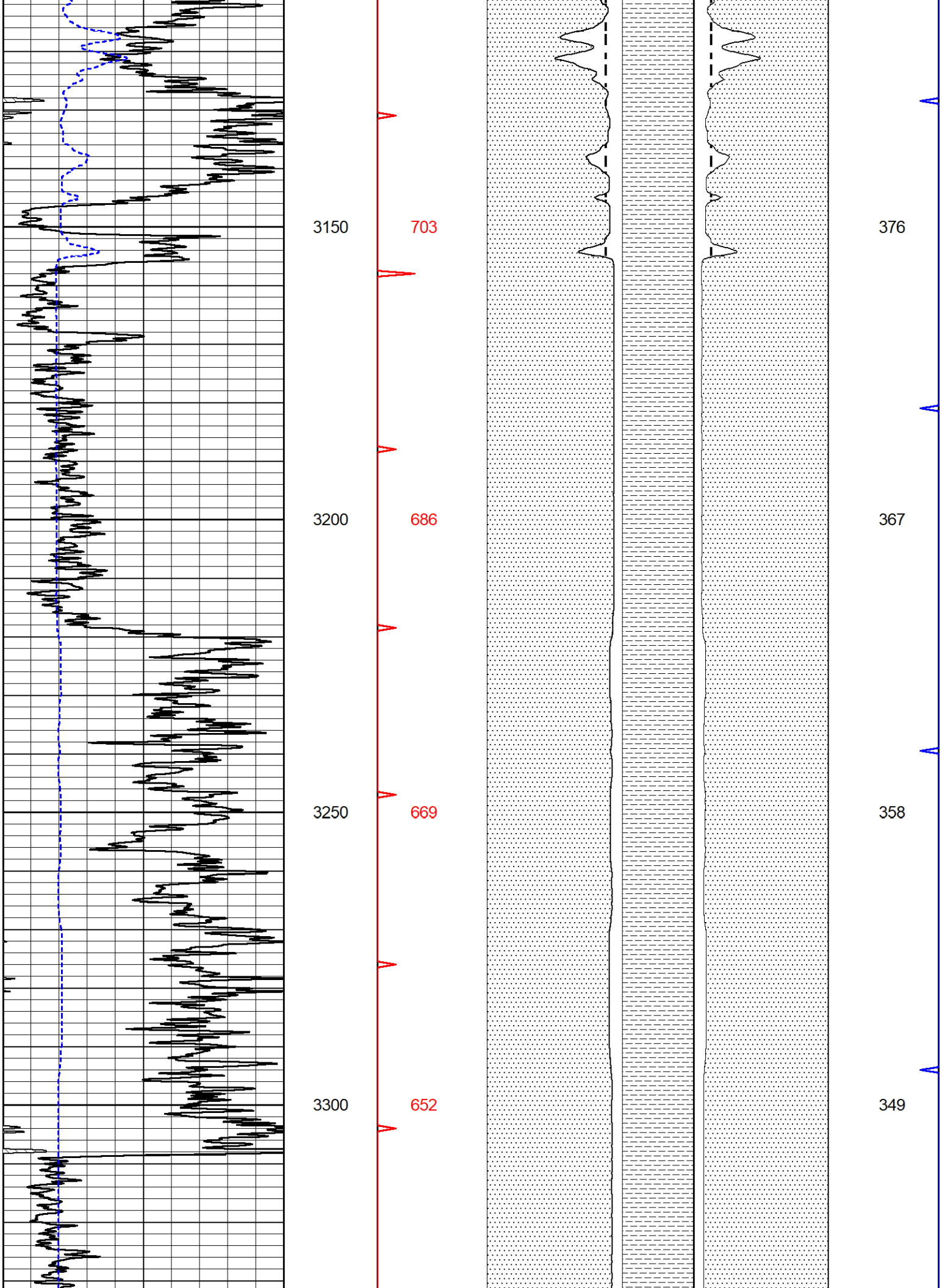

2050
1088
579
2100
1071
570
2150
1053
561
2200
1037
553

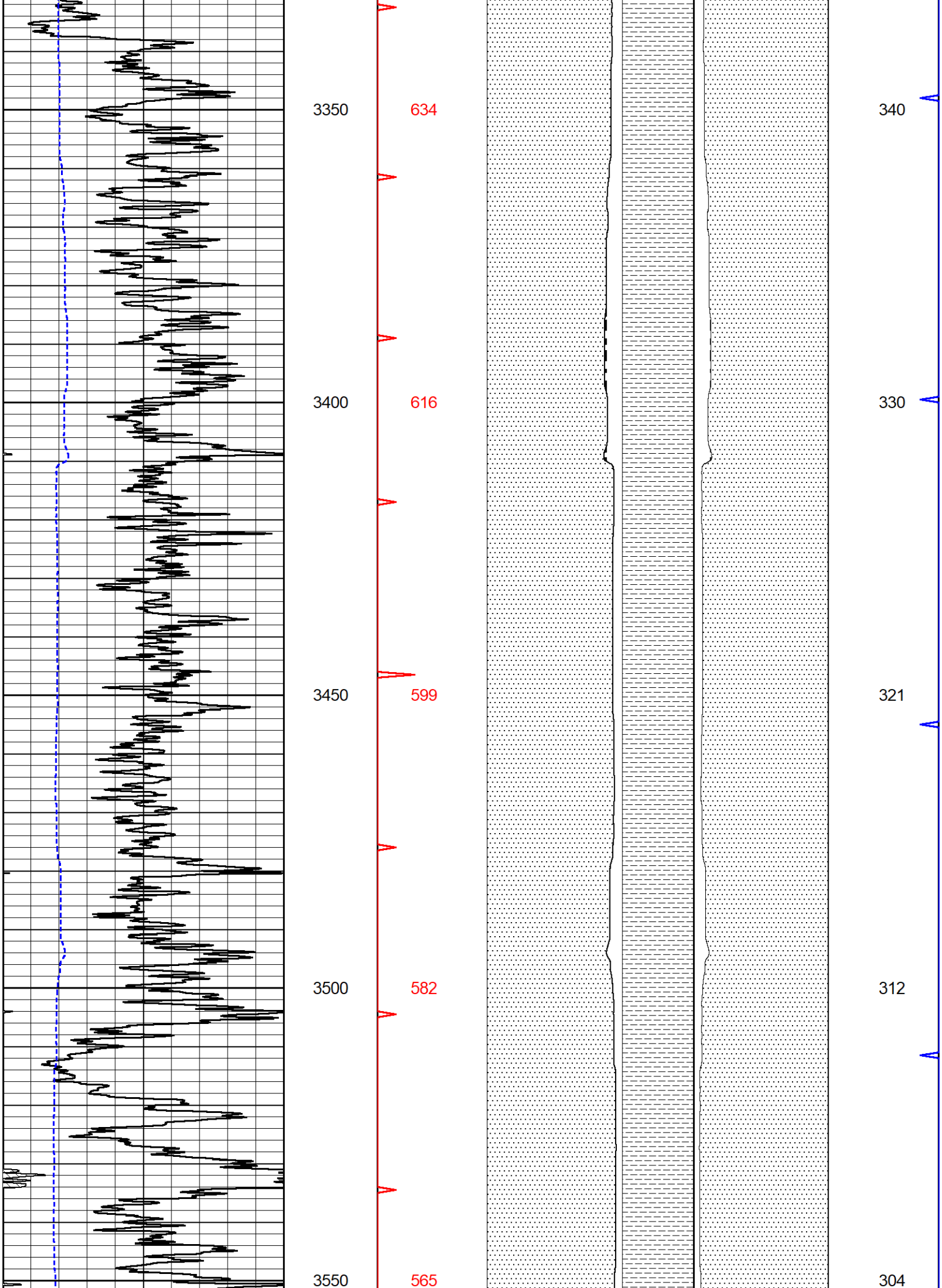

2250
1021
545
2300
1004
536
2350
986
527
2400
970
519
2450
954
511

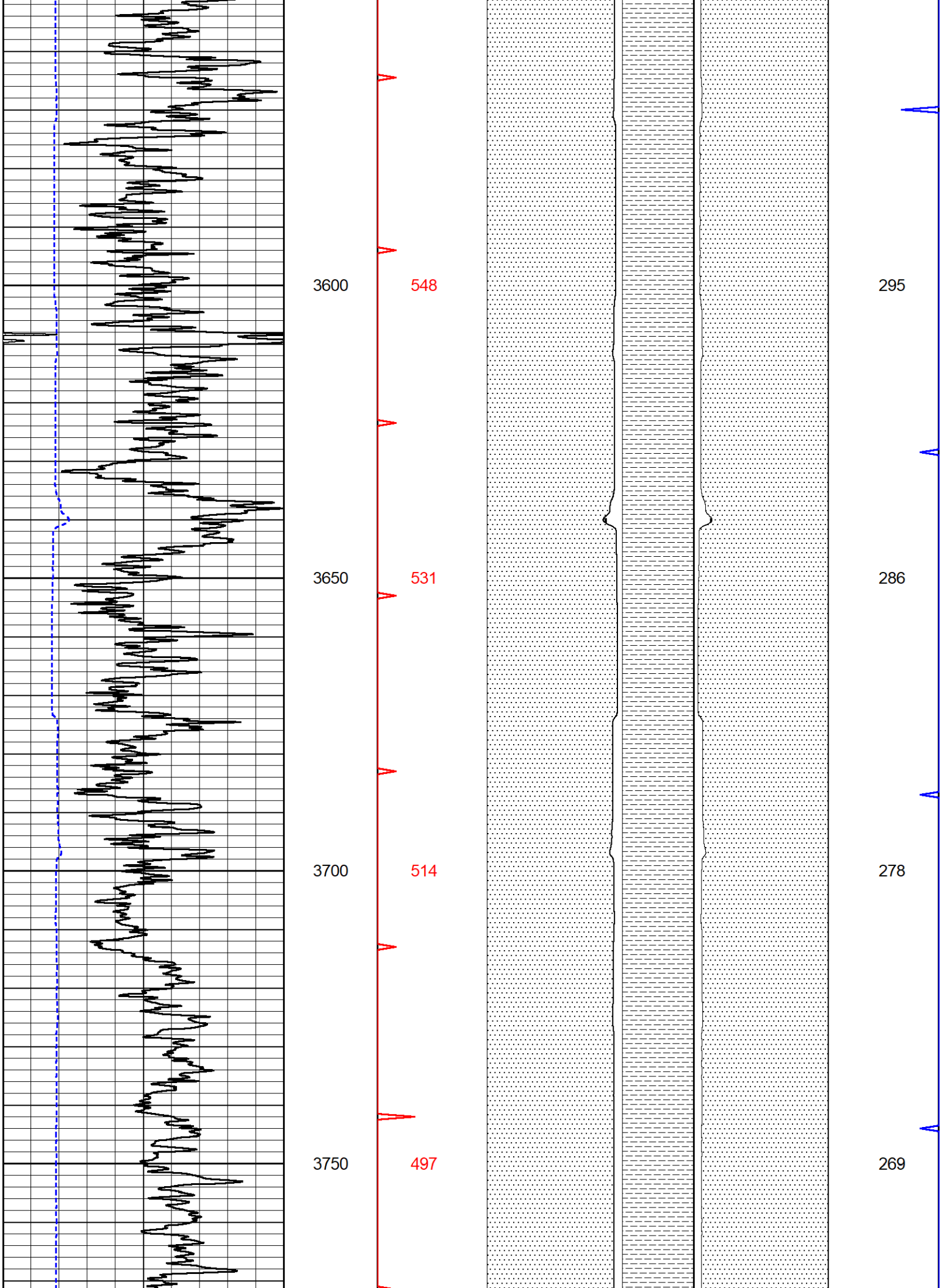

2500
937
503
2550
918
491
2600
898
479
2650
879
469

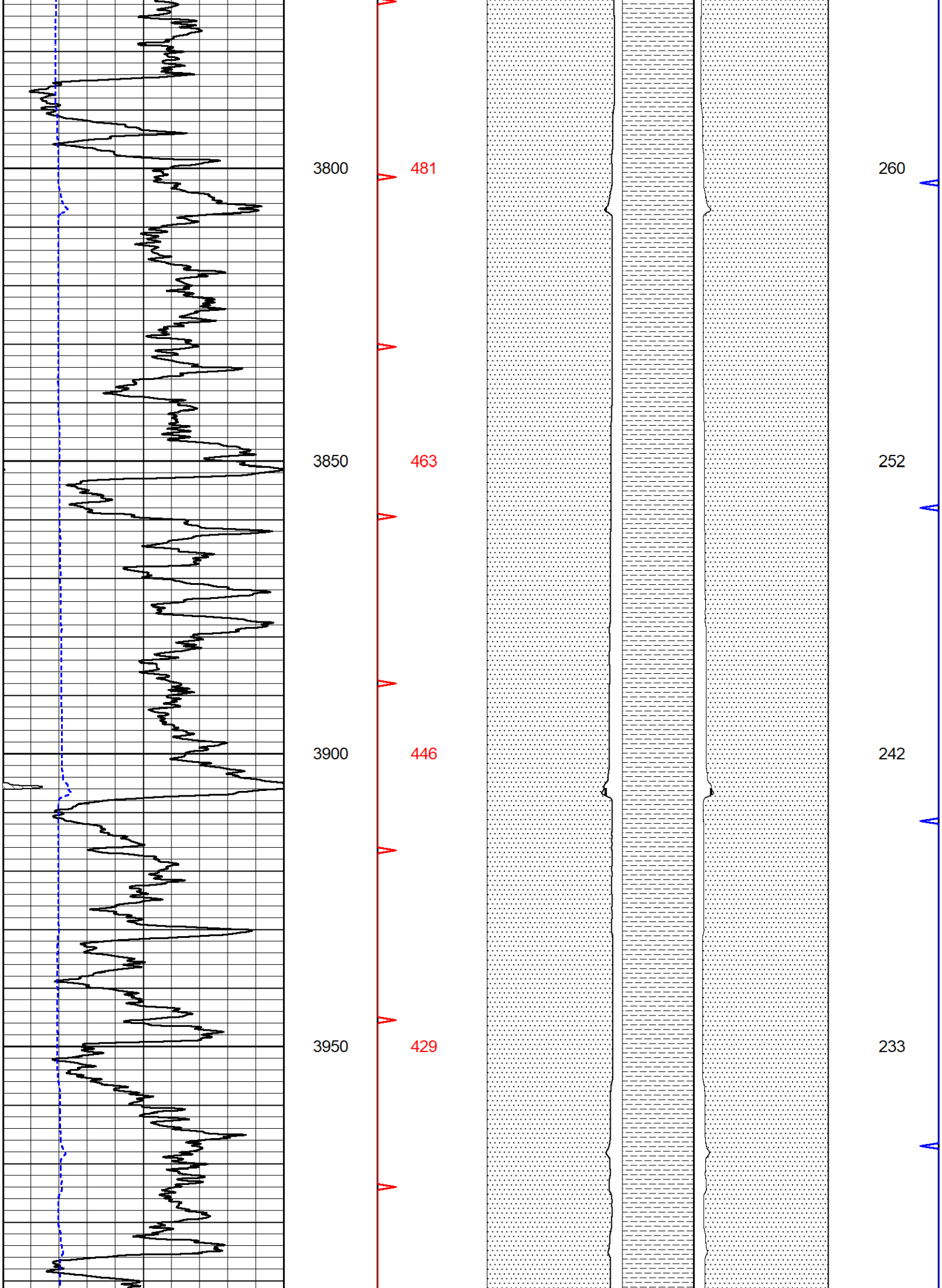

2700
863
461
2750
845
452
2800
829
443
2850
809
432

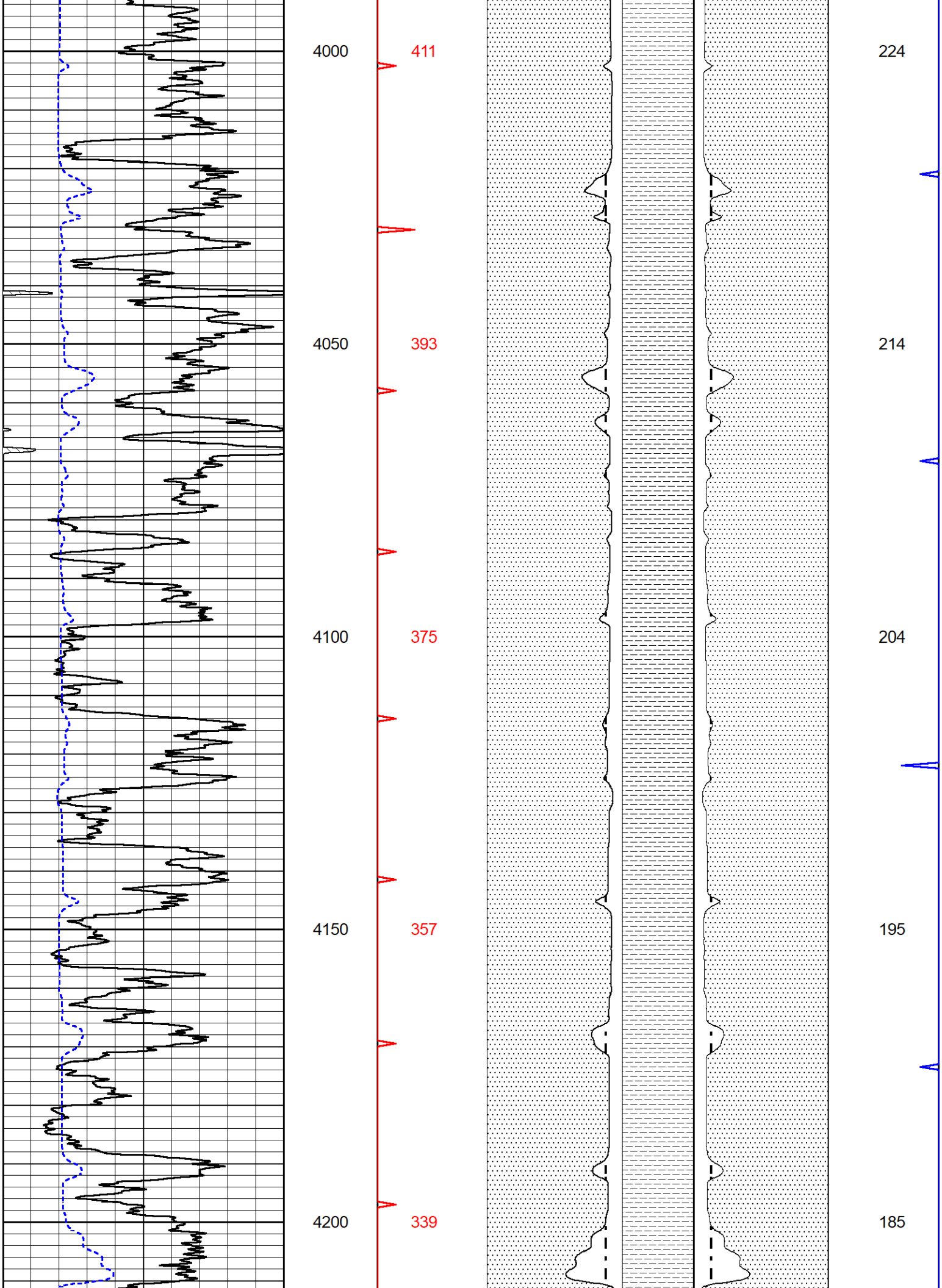

2900
791
423
2950
774
414
3000
757
405
3050
740
396
3100
722
386

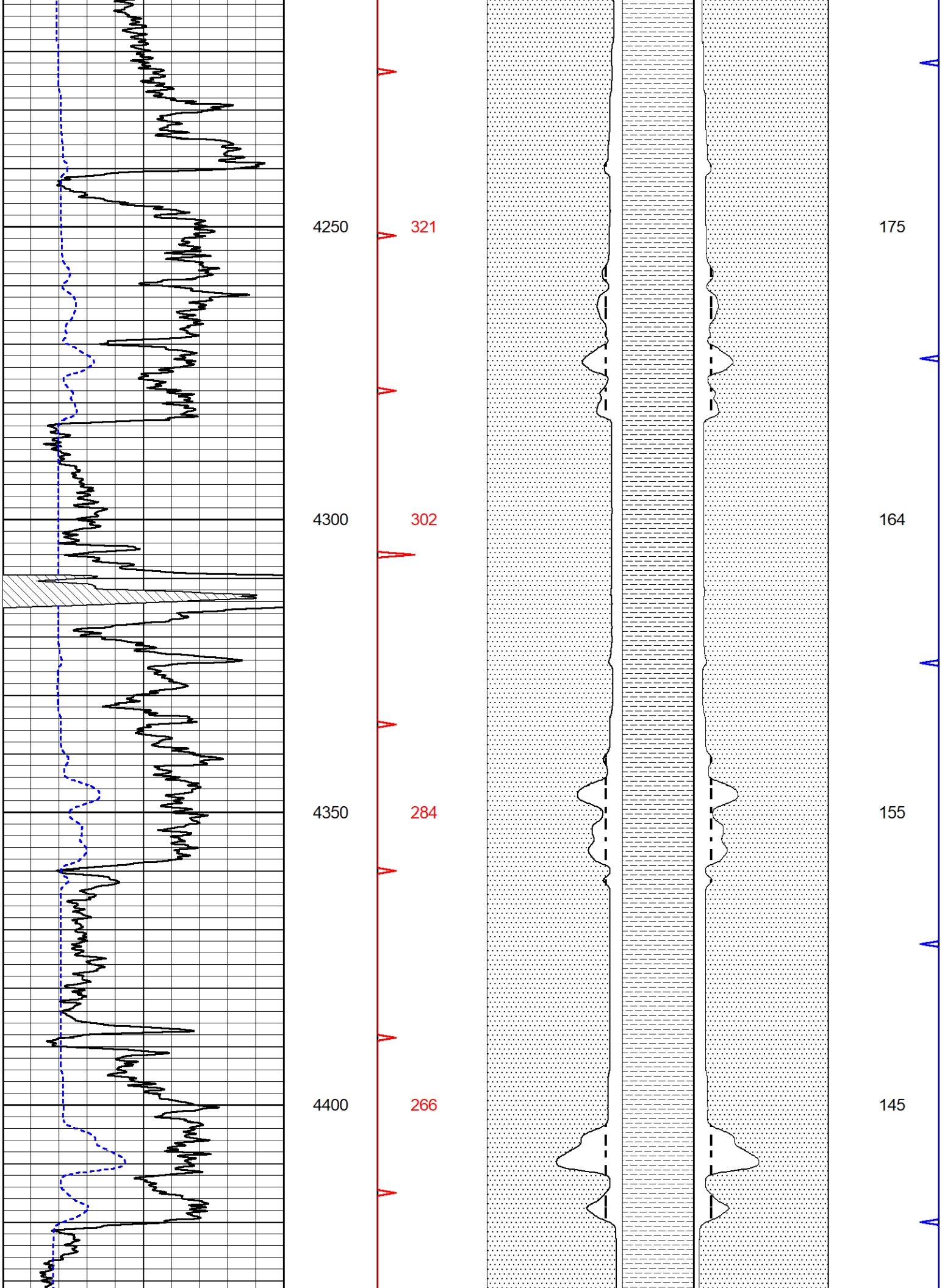

3150
703
376
3200
686
367
3250
669
358
3300
652
349

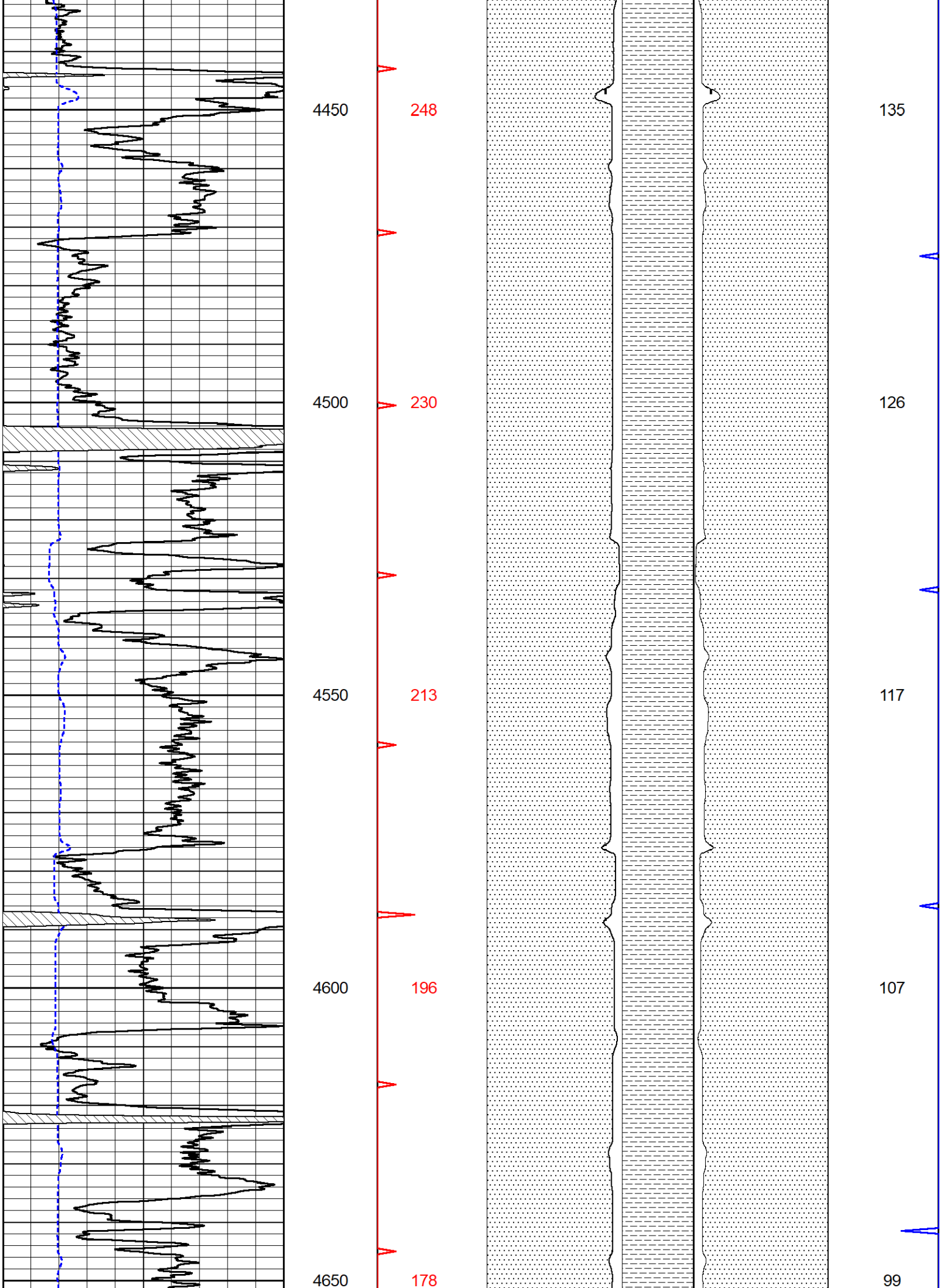

3350
634
340
3400
616
330
3450
599
321
3500
582
312
3550
565
304

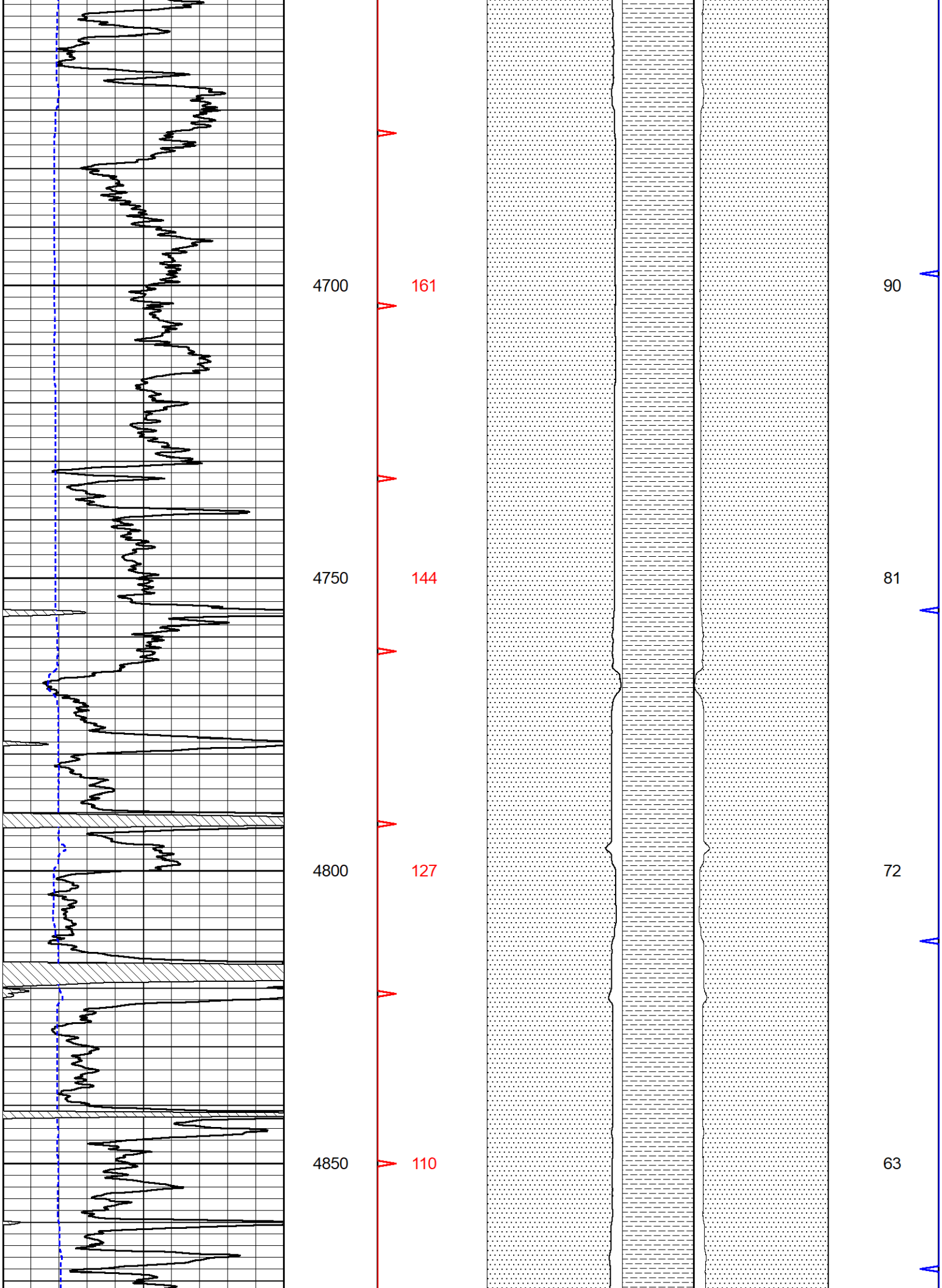

3600
548
295
3650
531
286
3700
514
278
3750
497
269

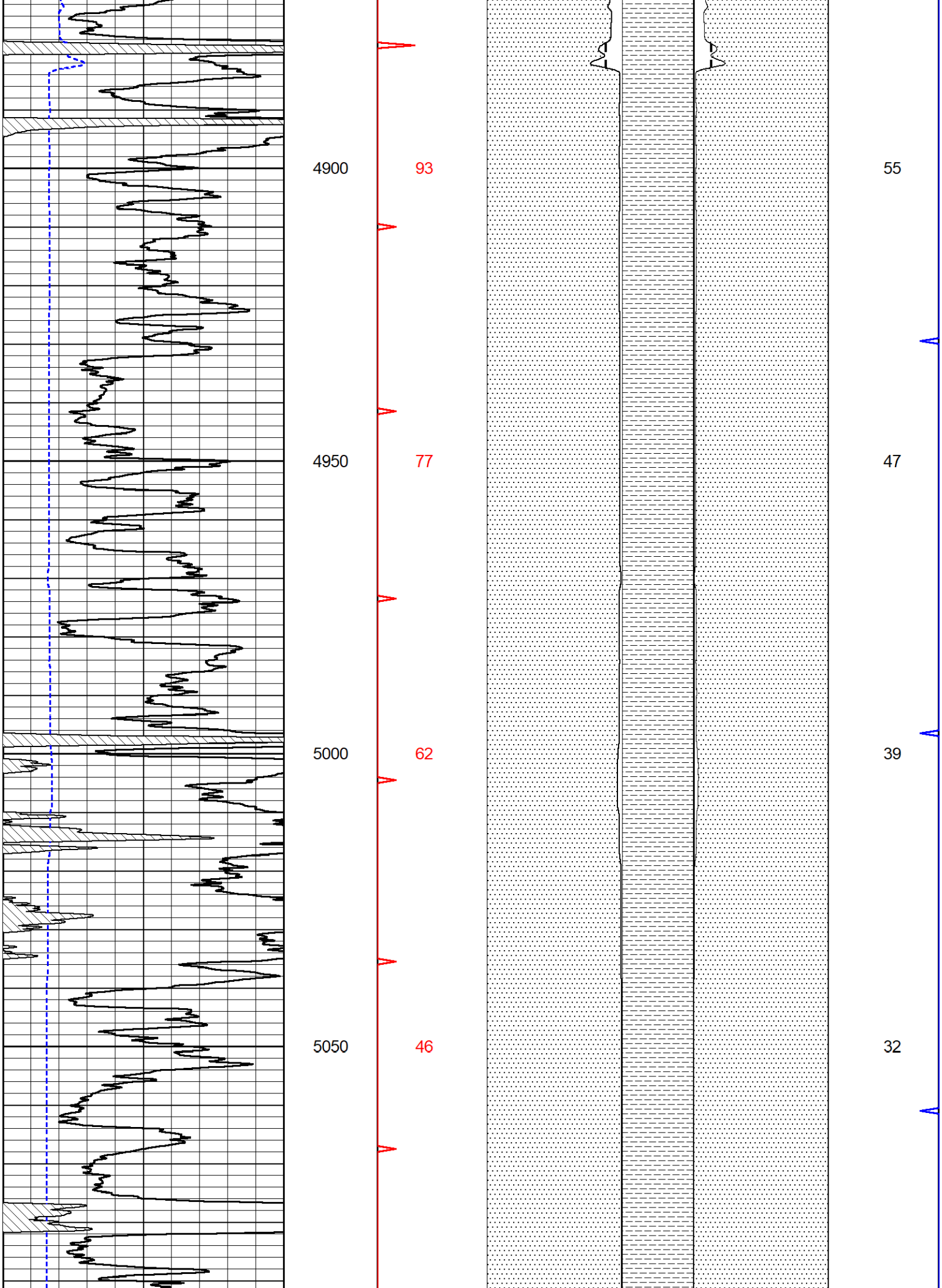

3800
481
260
3850
463
252
3900
446
242
3950
429
233

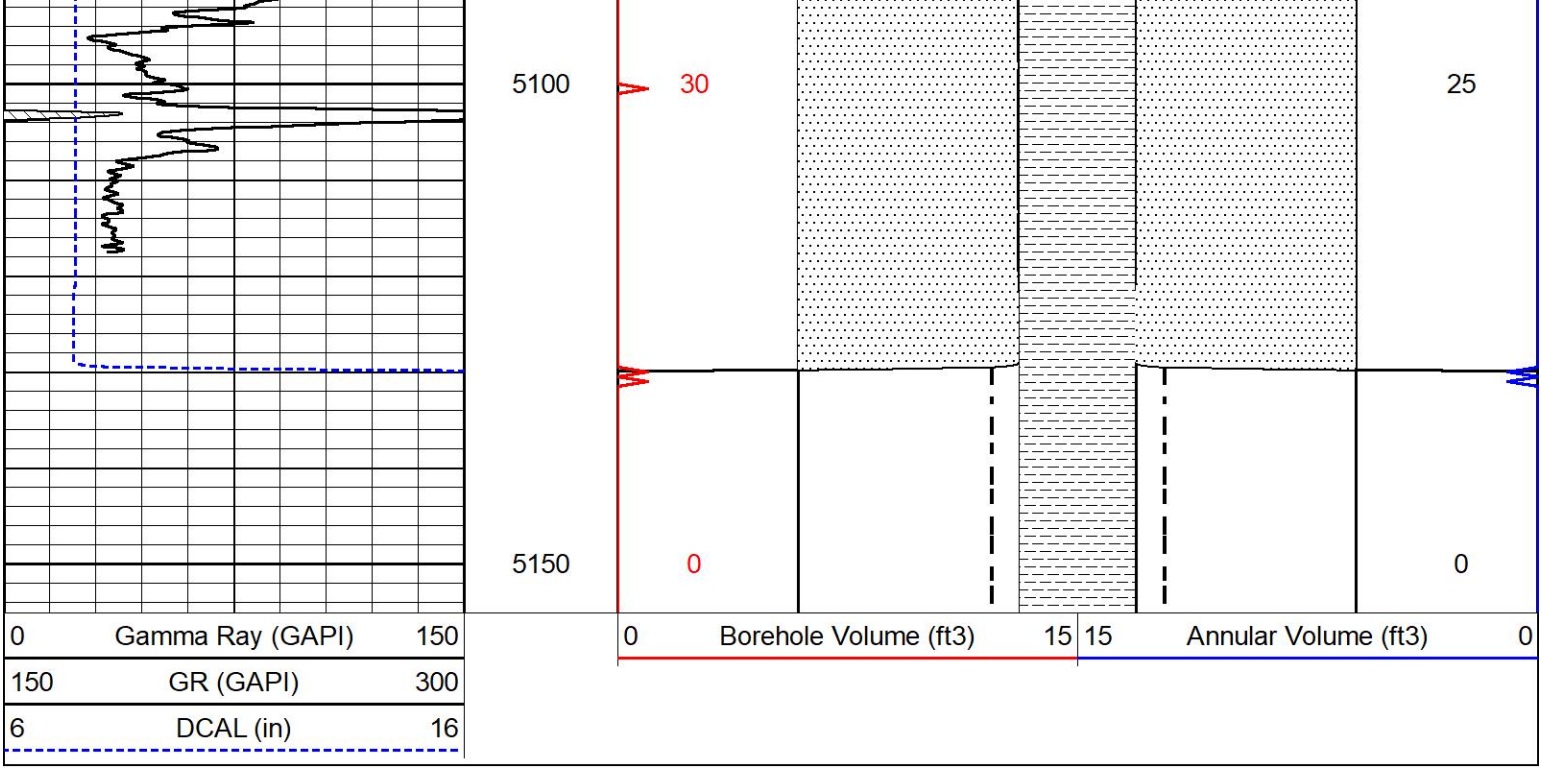

4000
411
224
4050
393
214
4100
375
204
4150
357
195
4200
339
185


4250
321
175
4300
302
164
4350
284
155
4400
266
145


4450
248
135
4500
230
126
4550
213
117
4600
196
107
4650
178
99


4700
161
90
4750
144
81
4800
127
72
4850
110
63


4900
93
55
4950
77
47
5000
62
39
5050
46
32



MIDWEST WIRELINE

Company	Murfin Drilling Company, Inc.
Well	CWA 'G' #1-8
Field	
County	Cheyenne
State	Kansas