

Log Variables

DatabaseC:\ProgramData\Warrior\Data\landmark_wessel unit 1-32.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	121	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	35	80	Off	4539

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

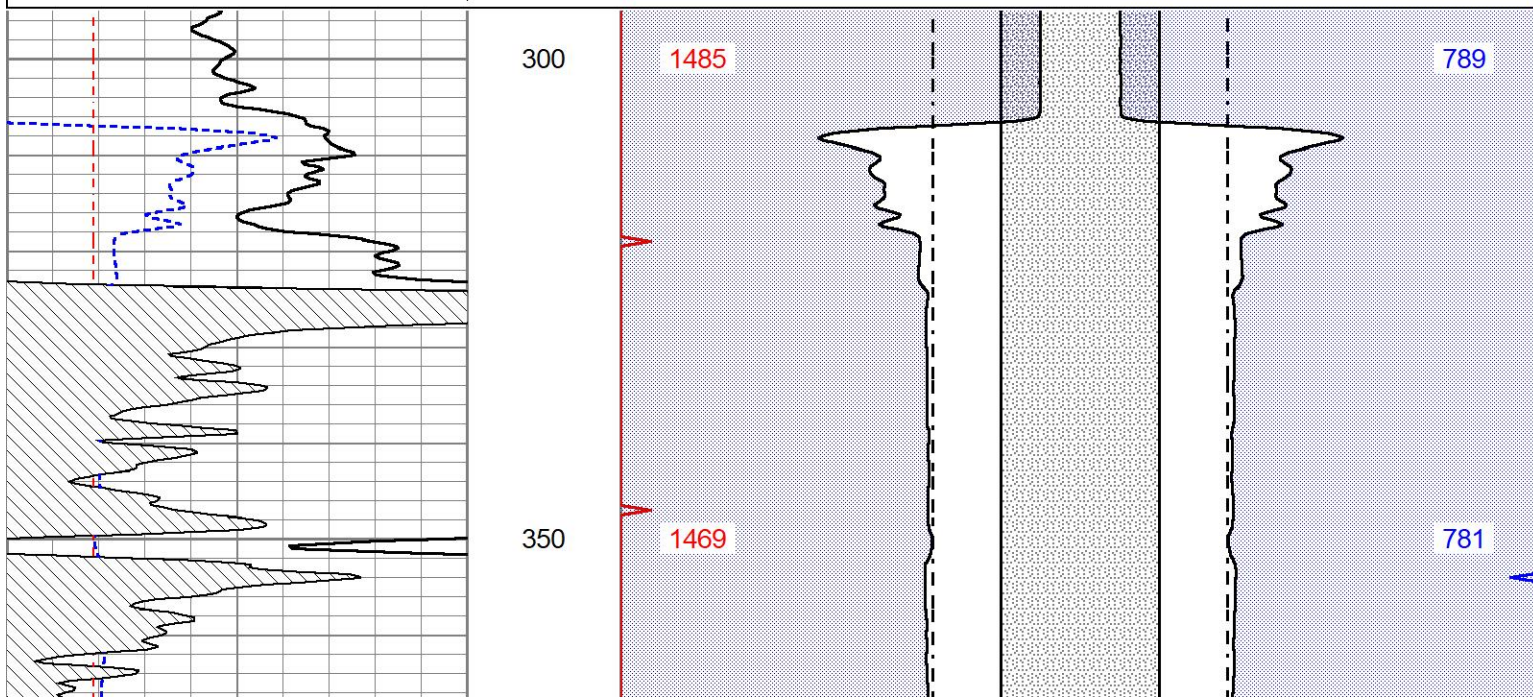


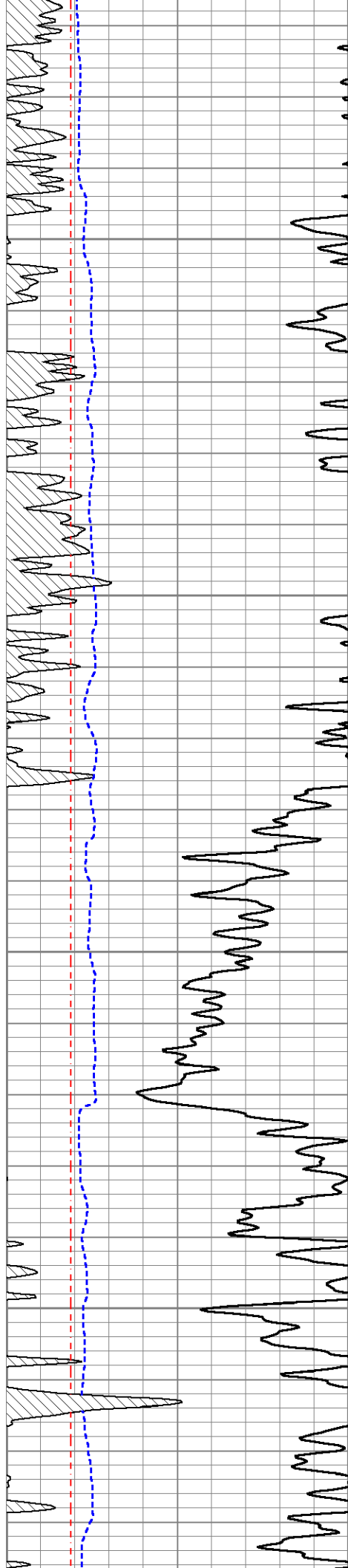
DETAIL SECTION

MAIN PASS

Database File landmark_wessel unit 1-32.db
Dataset Pathname stkml/pass3.1
Presentation Format bhv5half
Dataset Creation Sat Aug 27 14:11:20 2022
Charted by Depth in Feet scaled 1:240

0	Gamma Ray (GAPI)	150	DCAL	DCAL
150	GR (GAPI)	300	BOREID	BOREID
6	DCAL (in)	16	Borehole Volume (ft3)	Annular Volume (ft3)
6	BOREID (in)	16		





400

1451

450

1433

500

1414

550

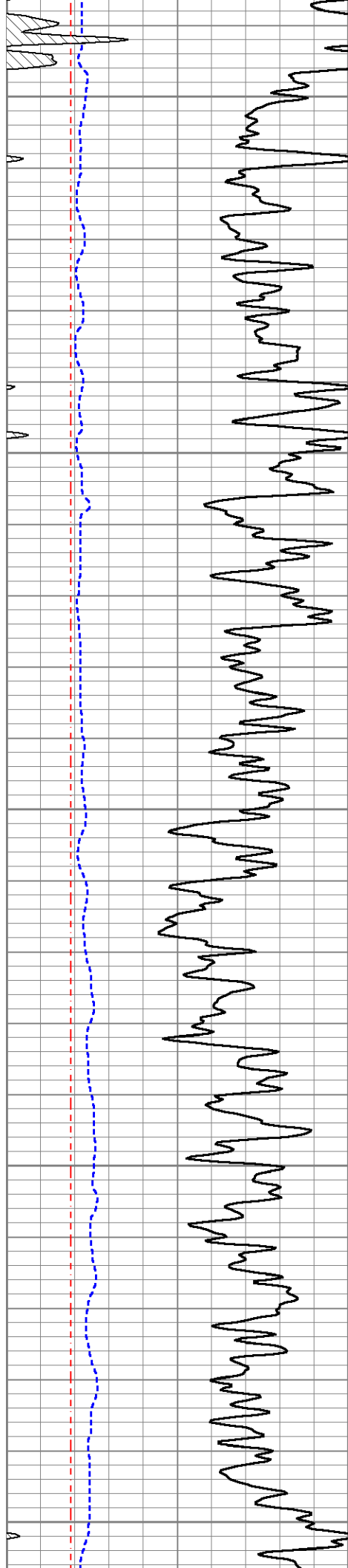
1396

771

761

751

741



600

1378

650

1361

700

1343

750

1325

800

1306

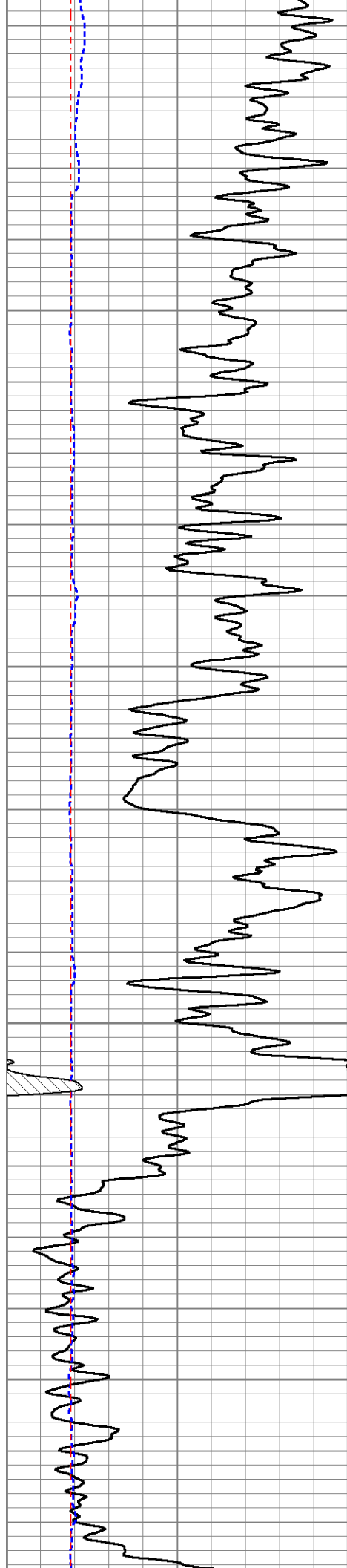
731

722

712

702

692



850

1289

900

1272

950

1255

1000

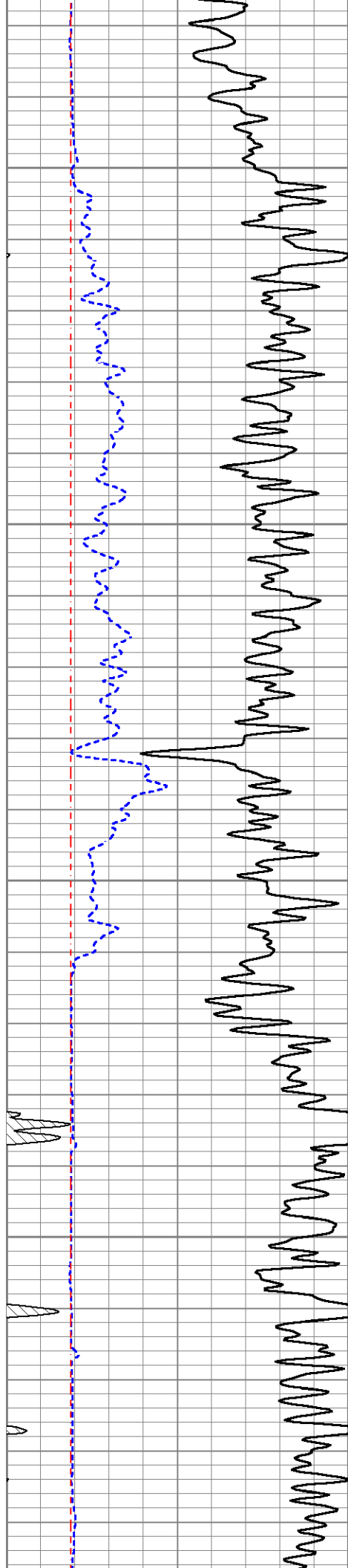
1238

683

674

665

657



1050

1221

1100

1202

1150

1182

1200

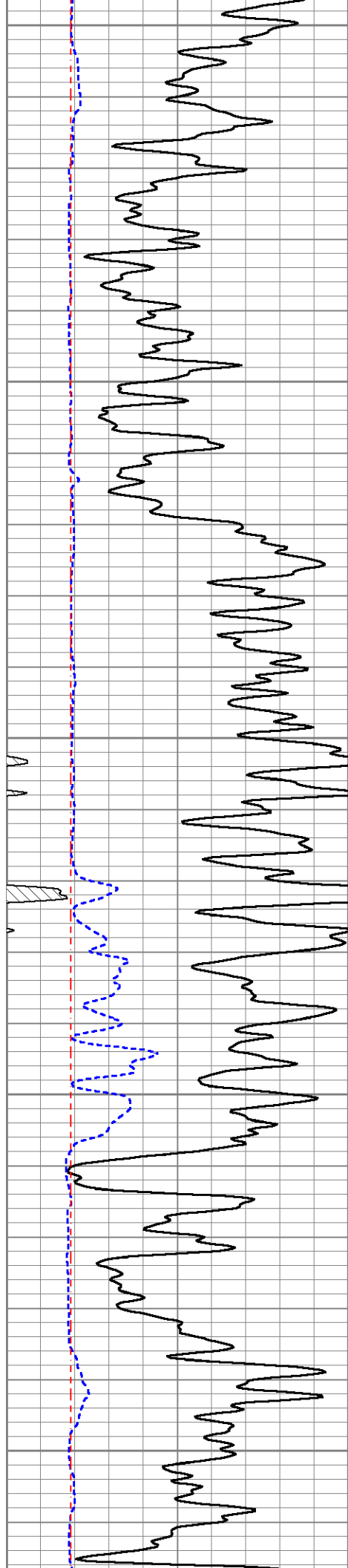
1164

648

637

625

616



1250

1147

1300

1131

1350

1114

1400

1095

1450

1077

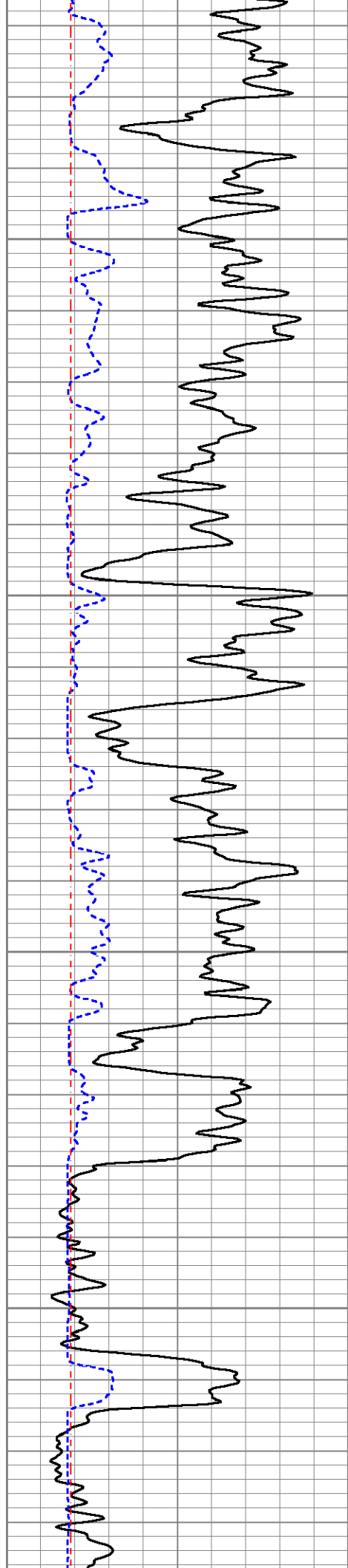
607

599

590

580

570



1500

1059

1550

1041

1600

1023

1650

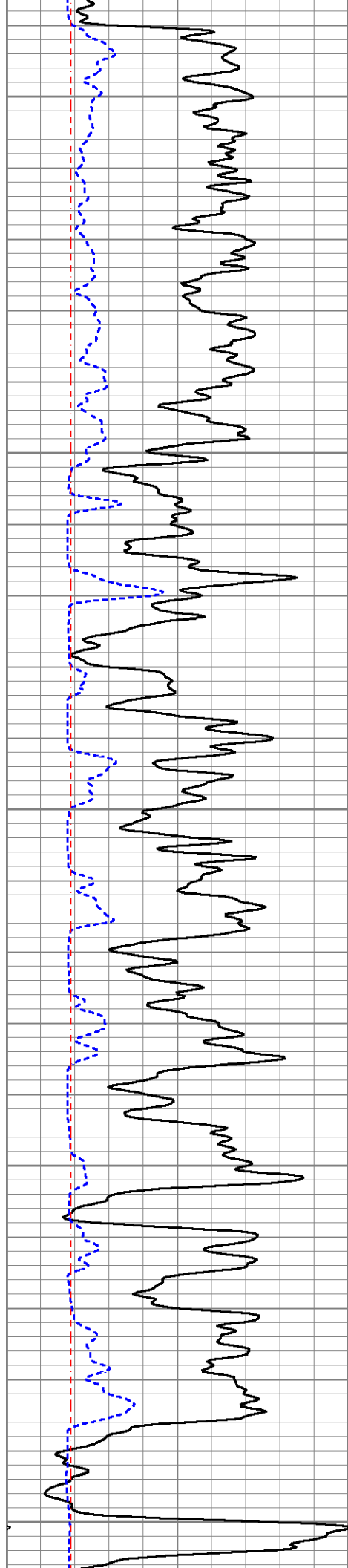
1006

560

551

541

532



1700

988

1750

969

1800

951

1850

934

1900

916



523

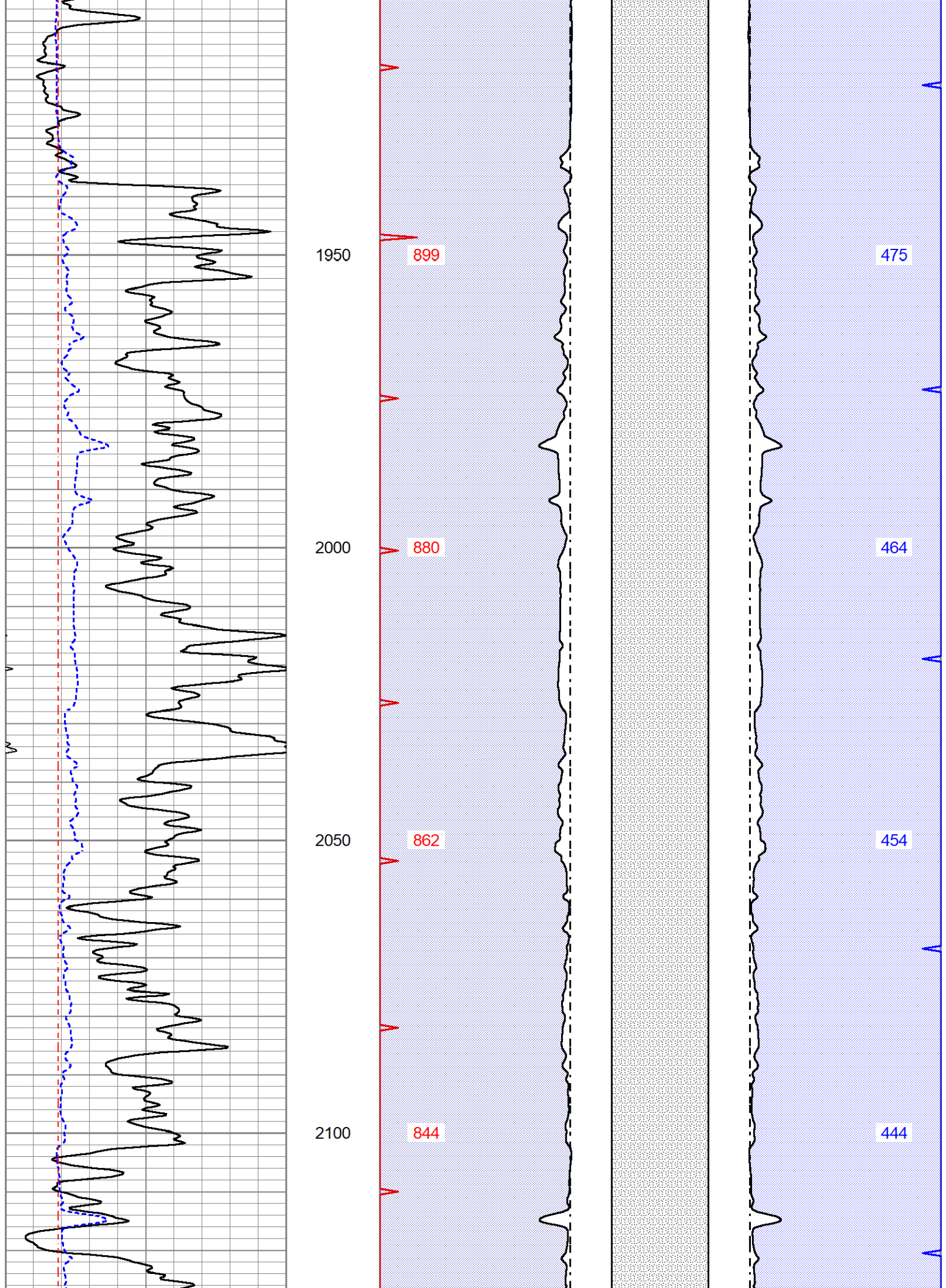
512

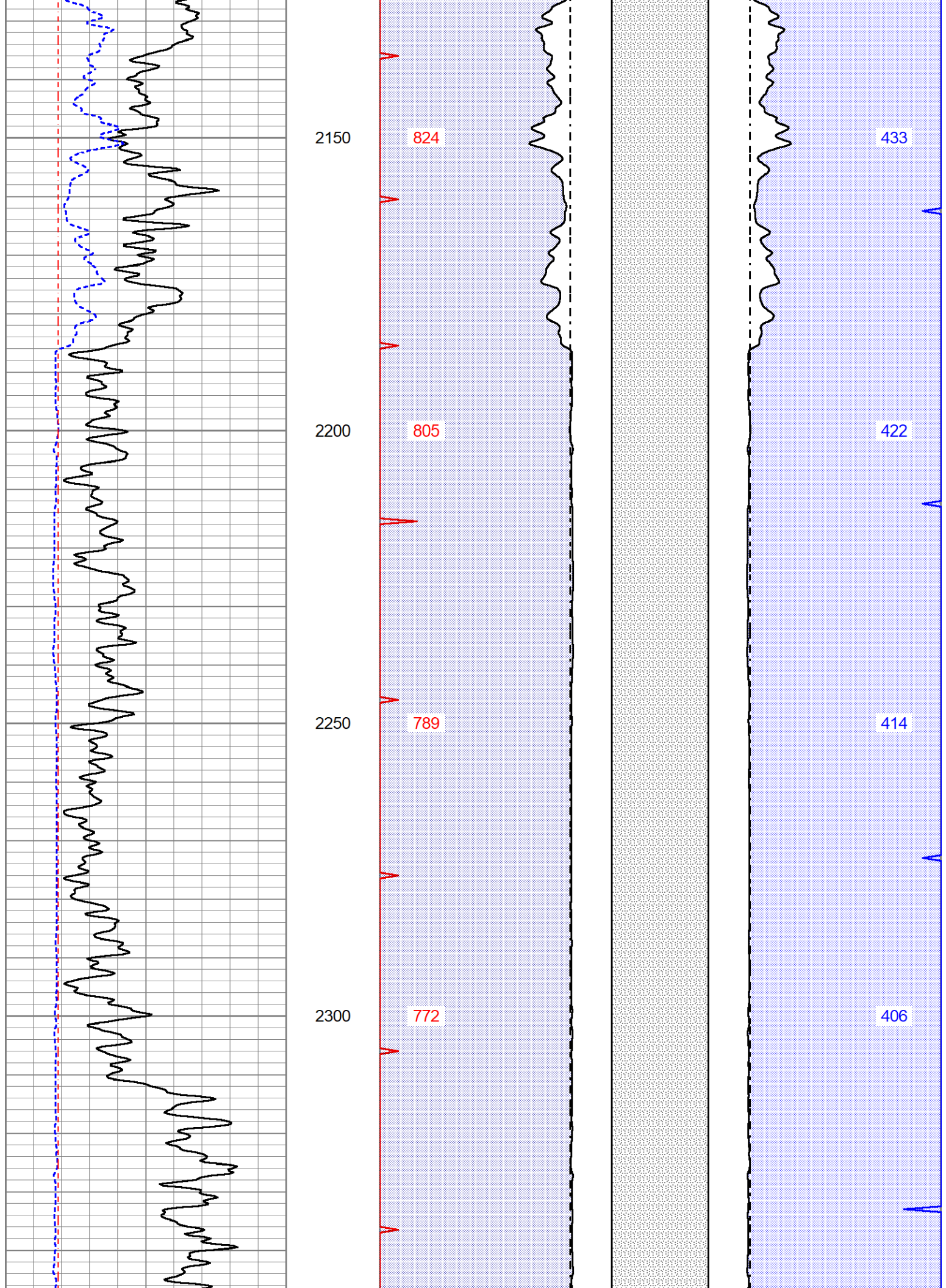
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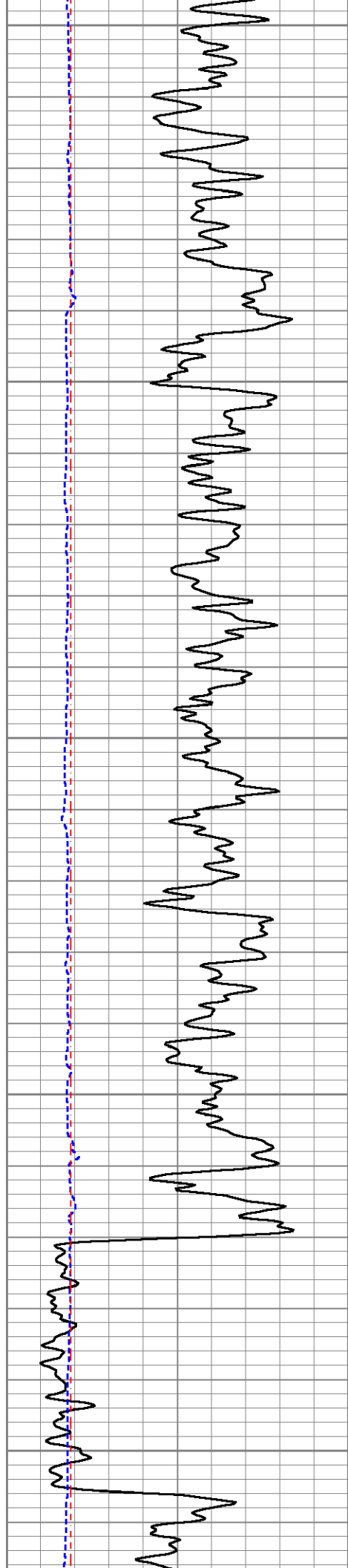
493

484









2350

756

397

2400

739

389

2450

723

381

2500

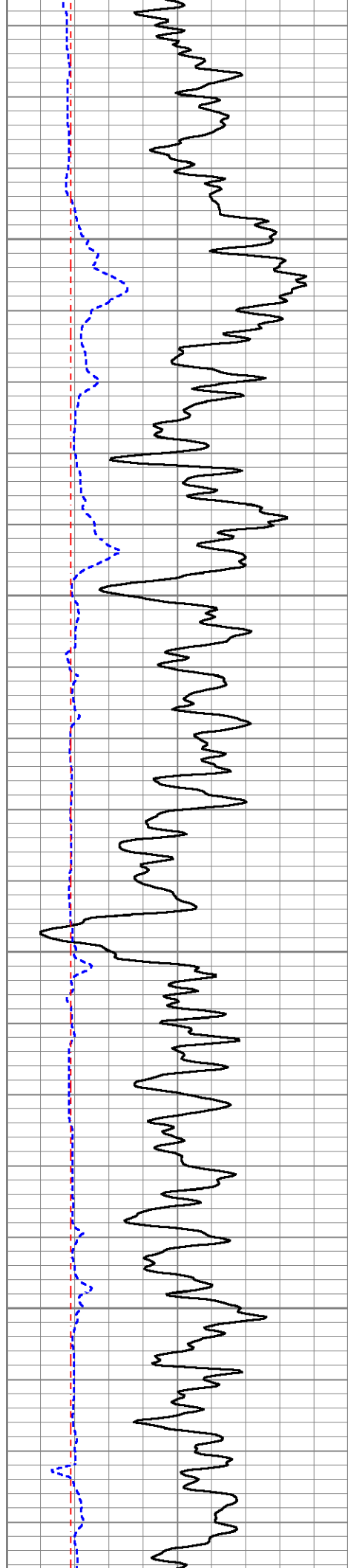
706

373

2550

689

364



2600

673

2650

654

2700

637

2750

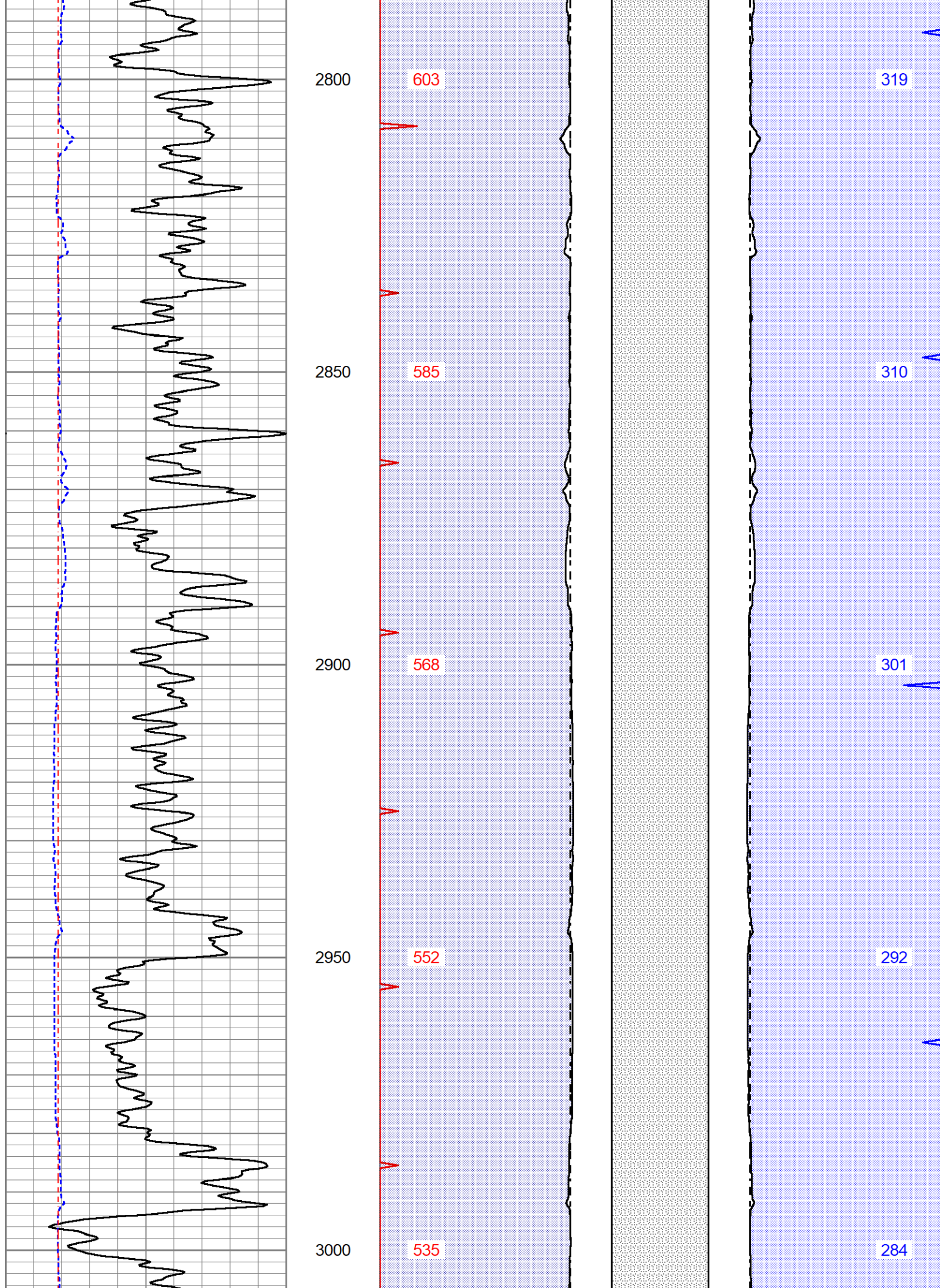
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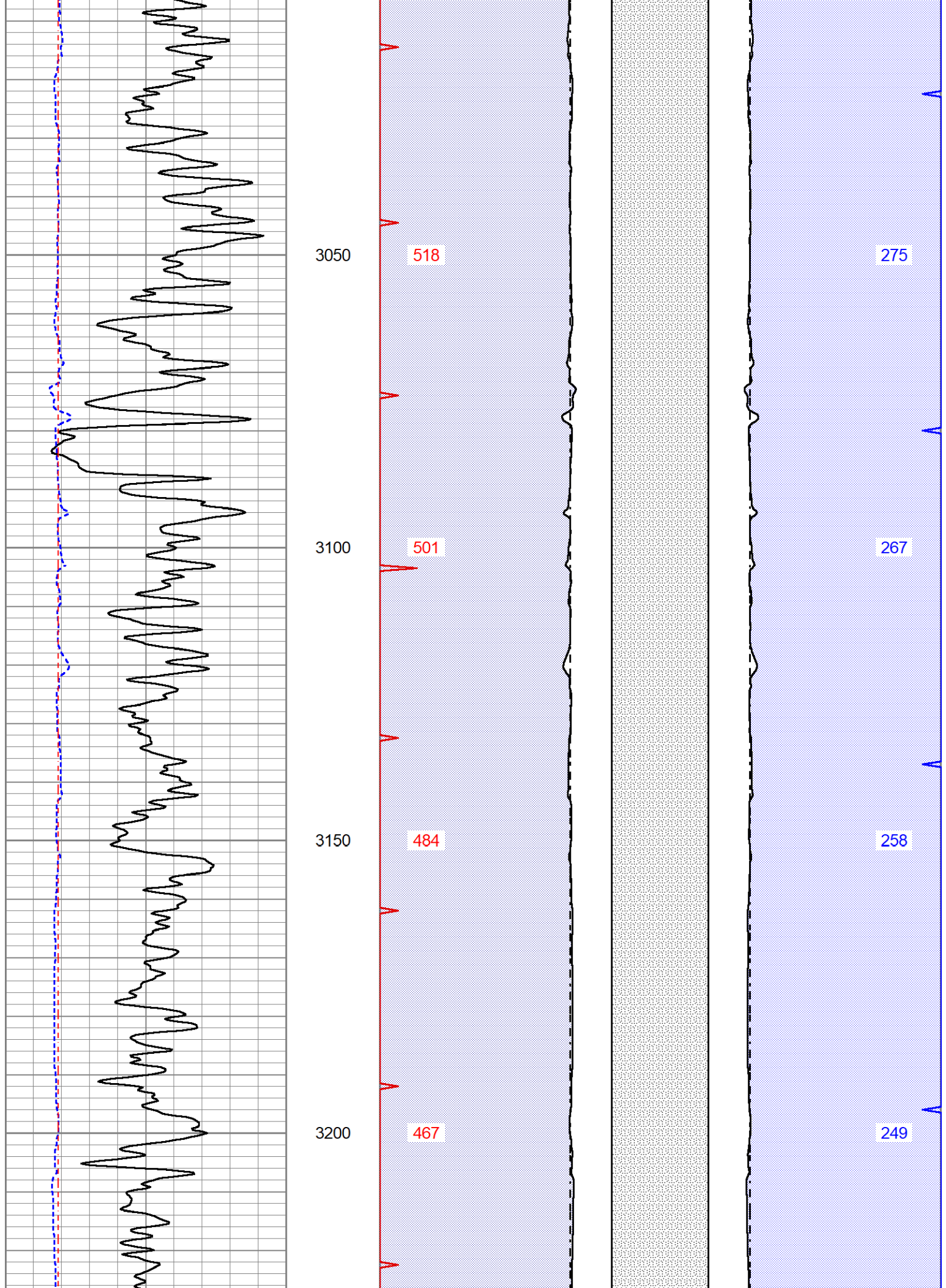
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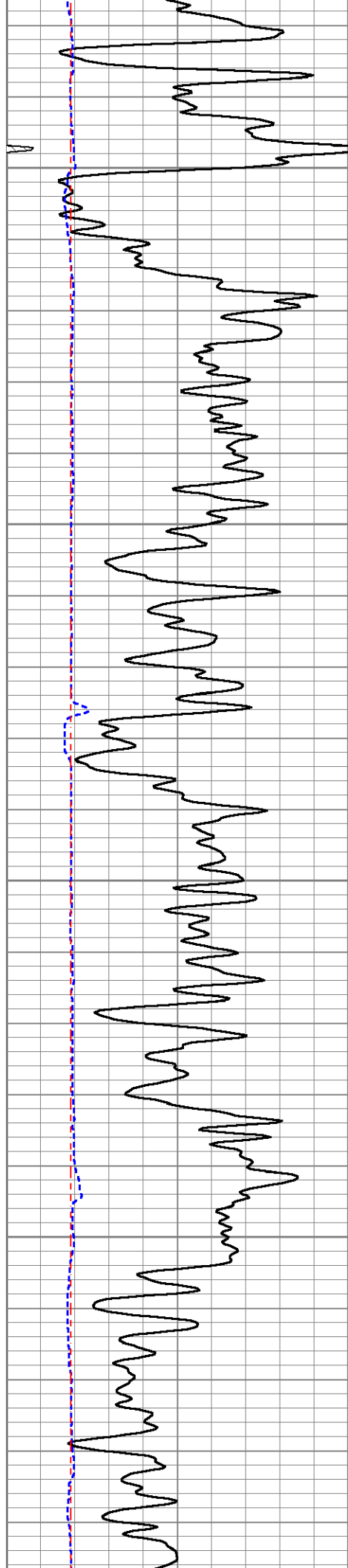
345

337

328







3250

451

3300

434

3350

417

3400

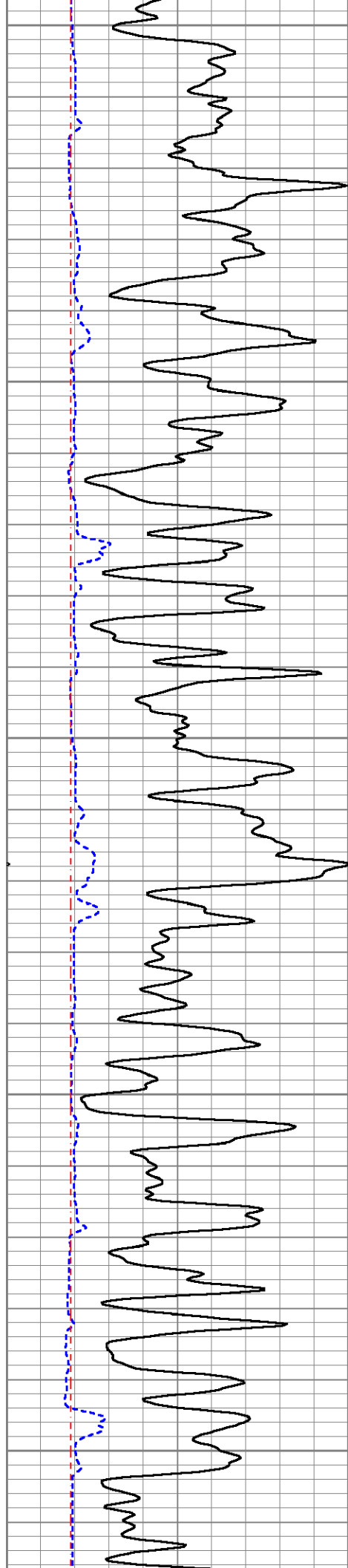
400

241

232

223

214



3450

383

3500

365

3550

348

3600

330

3650

313

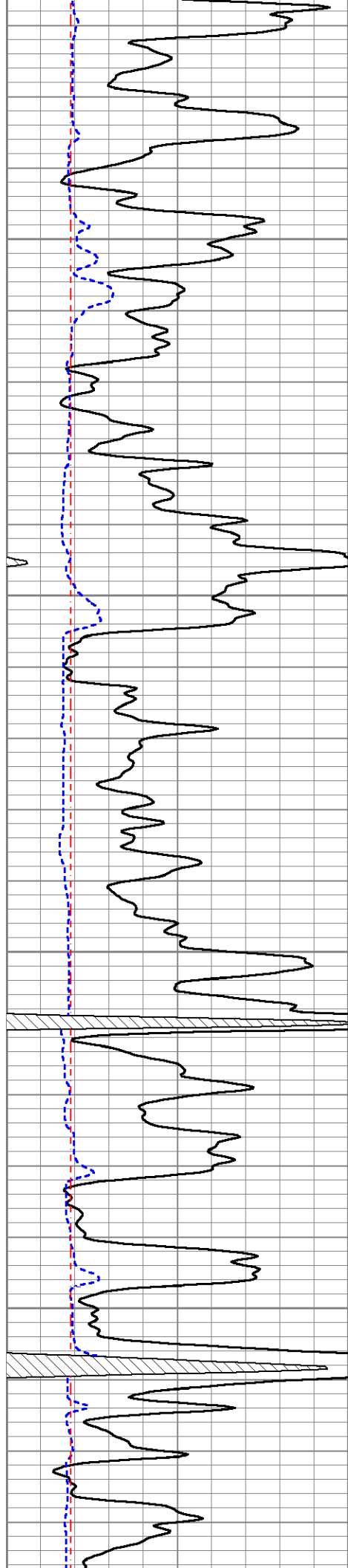
206

196

187

178

169



3700

296

3750

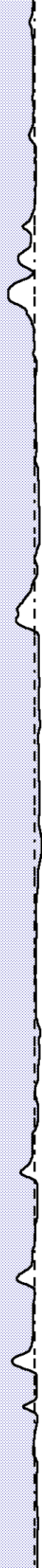
279

3800

262

3850

245

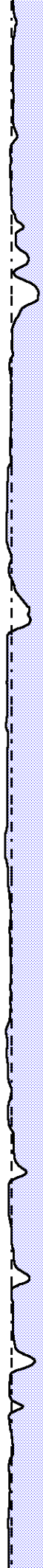


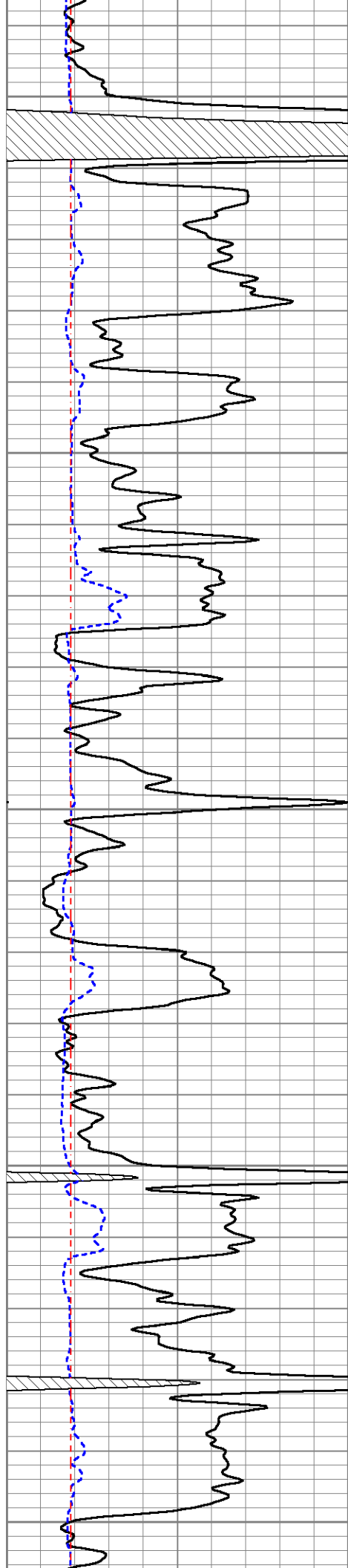
160

151

143

135





3900

229

126

3950

211

117

4000

194

108

4050

177

99

4100

160

90



4150

142

4200

125

4250

108

4300

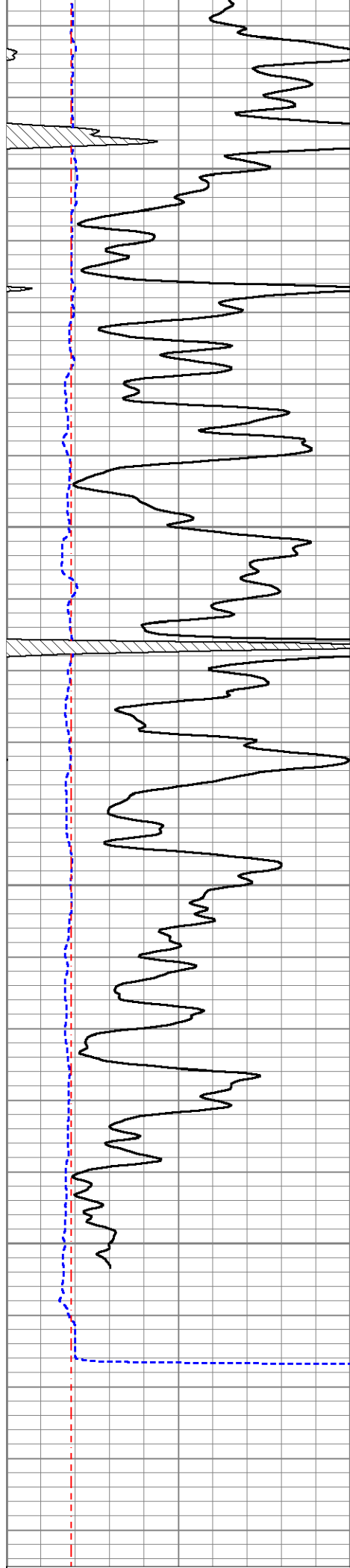
91

81

72

63

54



4350

74

4400

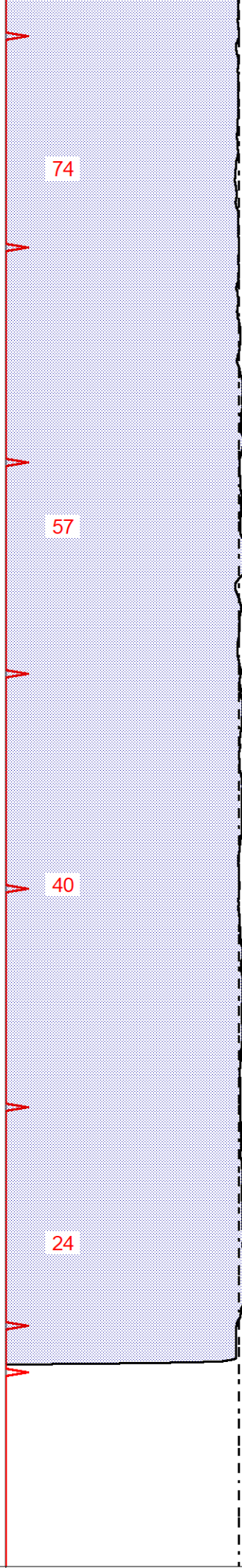
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4450

40

4500

24

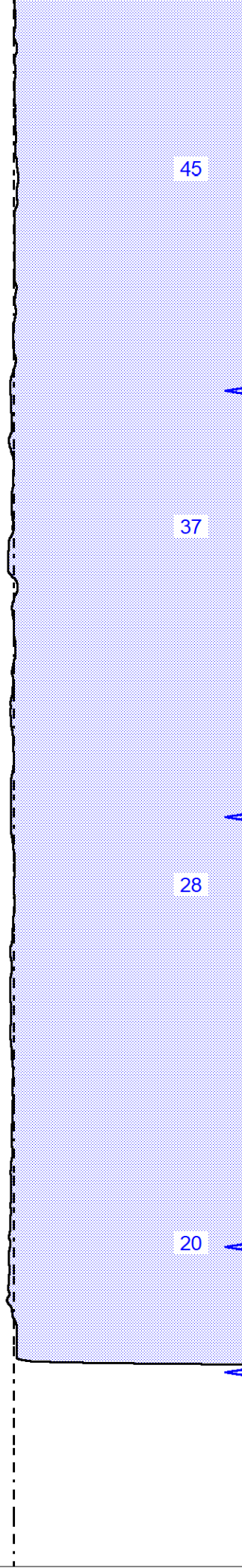
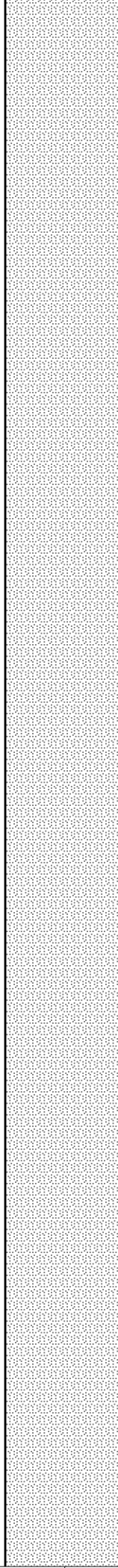


45

37

28

20



0	Gamma Ray (GAPI)	150	DCAL	DCAL
150	GR (GAPI)	300	BOREID	BOREID
6	DCAL (in)	16	Borehole Volume (ft3)	Annular Volume (ft3)
6	BOREID (in)	16		

Calibration Report								
Database File	landmark_wessel unit 1-32.db							
Dataset Pathname	stkml/pass3.11							
Dataset Creation	Sat Aug 27 13:16:03 2022							
Dual Induction Calibration Report								
Serial-Model:			501 HT-M&W					
Surface Cal Performed:			Sat Apr 30 02:12:10 2022					
Readings			References			Results		
Loop:	Air	Loop	Air	Loop		m	b	
Deep	83.639	487.104	0.000	183.000	mmho/m	0.455	-39.000	
Medium	113.335	1585.690	0.000	442.000	mmho/m	0.305	-33.000	
Microlog Calibration Report								
Serial-Model:			402-PSIML					
Performed:			Sun Jul 17 13:11:21 2022					
Readings			References			Results		
	Zero	Cal	Zero	Cal		m	b	
Normal	0.0000	1.0000	0.0000	1.0000	Ohm-m	21000.0000	-1.0000	
Inverse	0.0000	1.0000	0.0000	1.0000	Ohm-m	23000.0000	-0.8000	
Caliper	1.0052	1.0858	5.0000	16.5000	in	65.0000	-59.8500	
Compensated Density Calibration Report								
Serial-Model:			307-11-M&W					
Source #:			20762B					
Master Calibration Performed:			Sat Aug 27 10:20:16 2022					
Master Calibration								
	Density			Far Detector		Near Detector		
Magnesium	1.755	g/cc		3600.52		4768.22	cps	
Aluminum	2.670	g/cc		693.98		3106.20	cps	
Spine Angle = 75.41			Density/Spine Ratio = 0.538					
	Size			Reading				
Small Ring	6.00	in		1.16				
Large Ring	18.00	in		1.01				
Compensated Neutron Calibration Report								
Serial Number:			207-MW					
Tool Model:			M&W					

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

PRE-SURVEY VERIFICATION

	Detector	Readings	Measured	Target
1)	Short Space	cps		
	Long Space	cps	pu	pu
2)	Short Space	cps		
	Long Space	cps	pu	
3)	Short Space	cps		
	Long Space	cps	pu	

POST-SURVEY VERIFICATION

	Detector	Readings	Measured	Target
1)	Short Space	cps		
	Long Space	cps	pu	pu
2)	Short Space	cps		
	Long Space	cps	pu	pu
3)	Short Space	cps		
	Long Space	cps	pu	pu

Gamma Ray Calibration Report

Serial Number:	106	
Tool Model:	M&W	
Performed:	Fri Dec 3 15:10:46 2021	
Calibrator Value:	500.0	GAPI
Background Reading:	24.0	cps
Calibrator Reading:	637.0	cps
Sensitivity:	0.5500	GAPI/cps



Company	Landmark Resources, Inc.
Well	Godfrey-Wessel Unit #1-32
Field	Godfrey
County	Sheridan
State	Kansas