



BOREHOLE PROFILE LOG 5.5" CASING

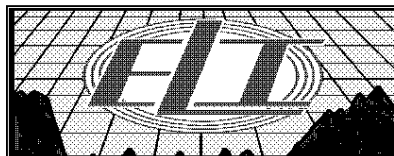
Company		RANEY OIL COMPANY, LLC.	
Well		JONES #1A	
Field		CABIN VALLEY	
County		COWLEY	
State		KANSAS	
Location:		AP1 #: 15-035-24715-0000 1000' FSL & 1940' FEL NW - NE - SW - SE	
Permanent Datum		GROUND LEVEL	
Log Measured From		KELLY BUSHING 8' A.G.L.	
Drilling Measured From		KELLY BUSHING	
SEC 31 TWP 33S RGE 6E		Elevation K.B. 1221 D.F. 1219 G.L. 1213	
Date	1/22/20		
Run Number	TWO		
Depth Driller	3457		
Depth Logger	3454		
Bottom Logged Interval	3446		
Top Log Interval	300		
Casing Driller	8 5/8"@305'		
Casing Logger	305		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 1,600 PPM	
Density / Viscosity	9.5/55		
pH / Fluid Loss	10.0/7.2		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	1.60@80F		
Rmf @ Meas. Temp	1.20@80F		
Rmc @ Meas. Temp	1.92@80F		
Source of Rmf / Rmc	MEASUREMENT		
Rm @ BHT	1.15@111F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom	5:30 P.M.		
Maximum Recorded Temperature	111 F		
Equipment Number	922339		
Location	HAYS, KANSAS		
Recorded By	JEFF LUEBBERS		
Witnessed By	ROGER MARTIN		

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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, 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. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

Comments

THANK YOU FOR USING ELI WIRELINE HAYS, KANSAS (785) 628-6395
DIRECTIONS
WINFIELD, KS., E. ON 160 TO "CR 1", SOUTH TO "CR 20", 3E. TO "RD. 181", 3S. CURVE EAST 1 MILE TO 3RD GATE



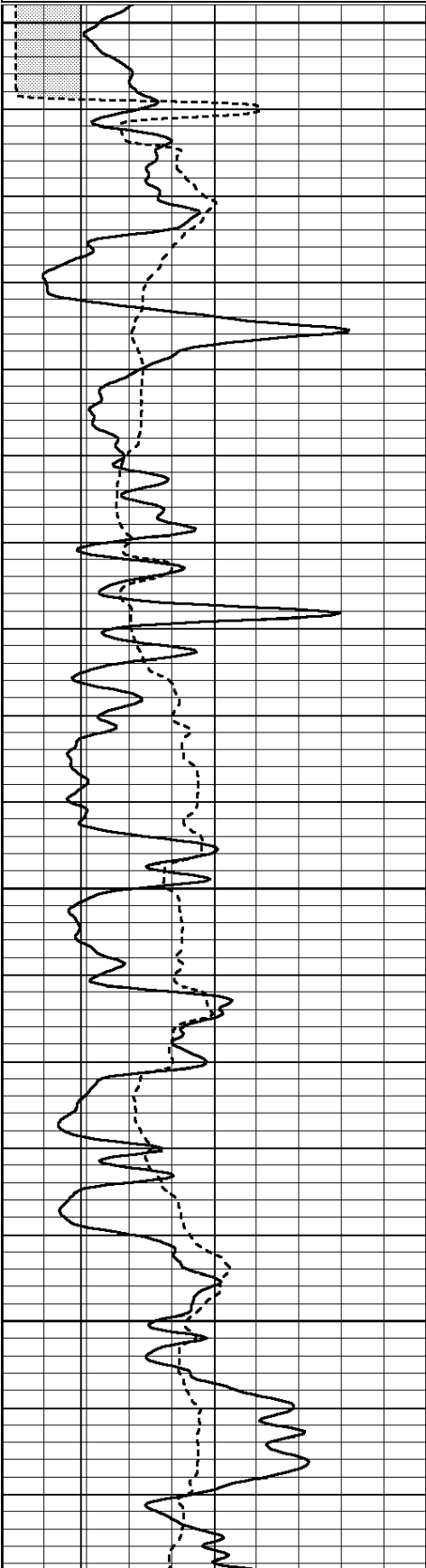
MAIN SECTION

Database File: 4526pe.db
Dataset Pathname: pass6.5
Presentation Format: obrbore
Dataset Creation: Wed Jan 22 18:53:15 2020
Charted by: Depth in Feet scaled 1:240

0	GR (GAPI)	150
6	MELCAL (in)	16

16 LEFT CALIPER (in) 6

BVTX (ft3)	AVTX (ft3)
TBHV (ft3)	ABHV (ft3)

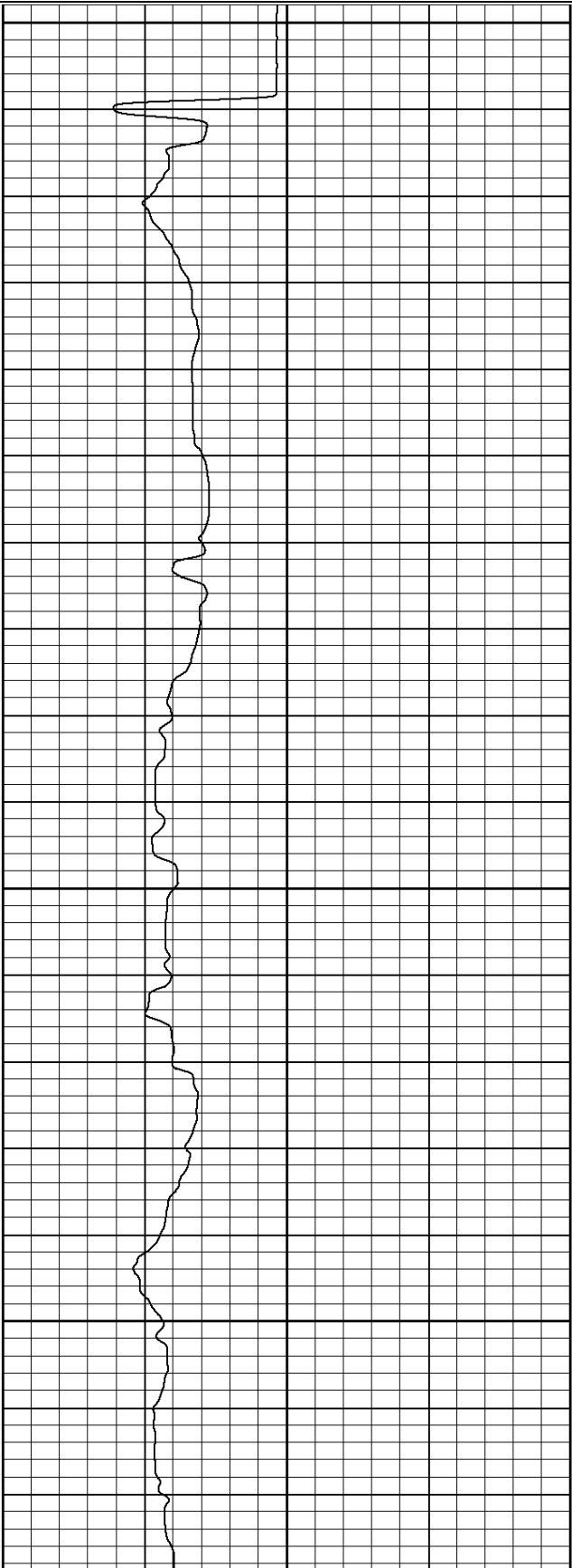


300

350

400

450



1304.21

784.271

1281.40

769.705

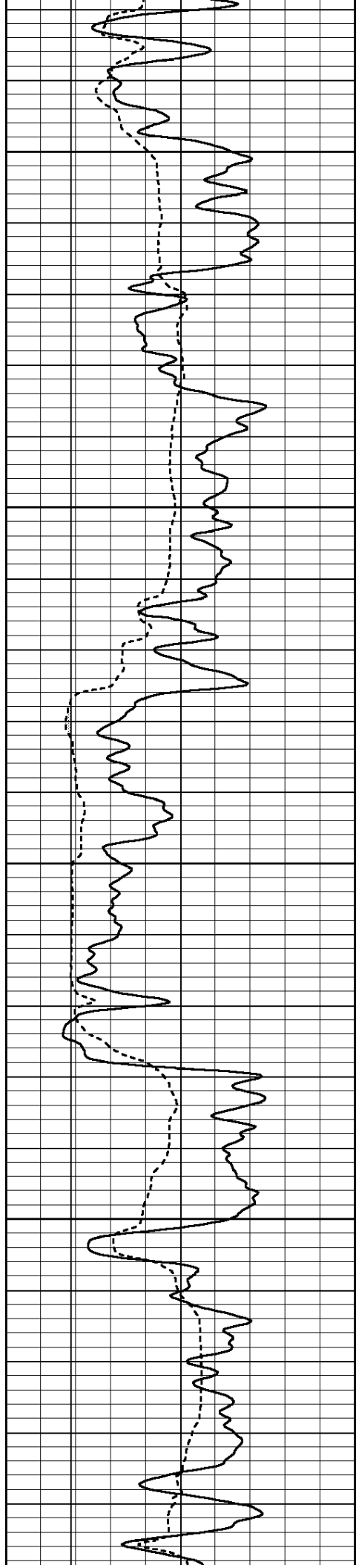
1255.89

752.447

1227.95

732.757



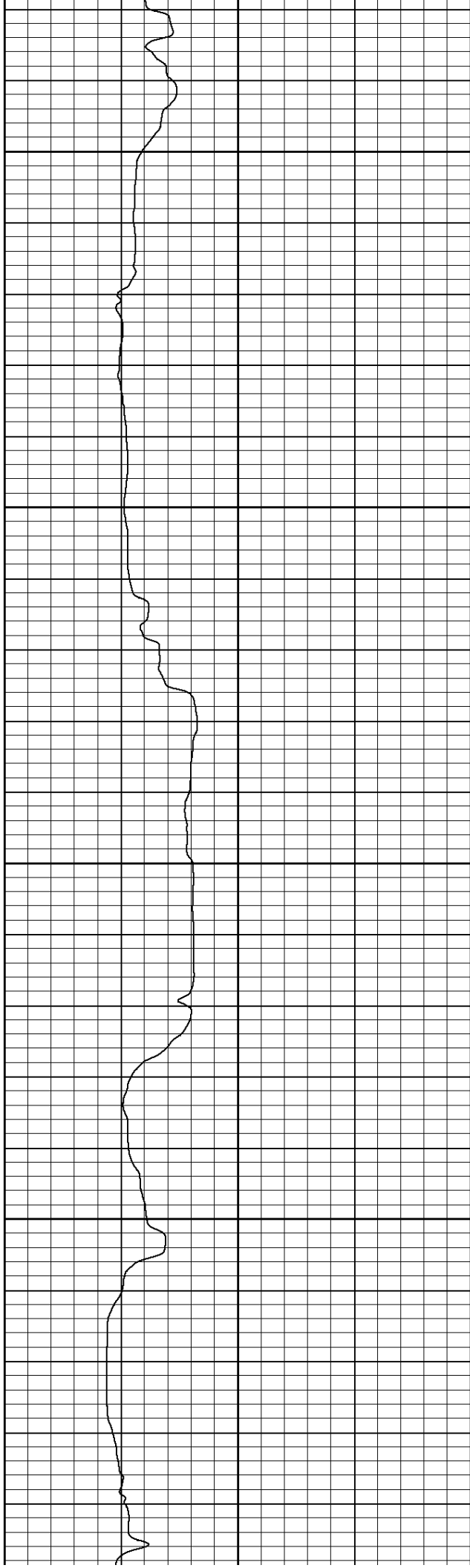


500

550

600

650



1201.03

714.081

1169.98

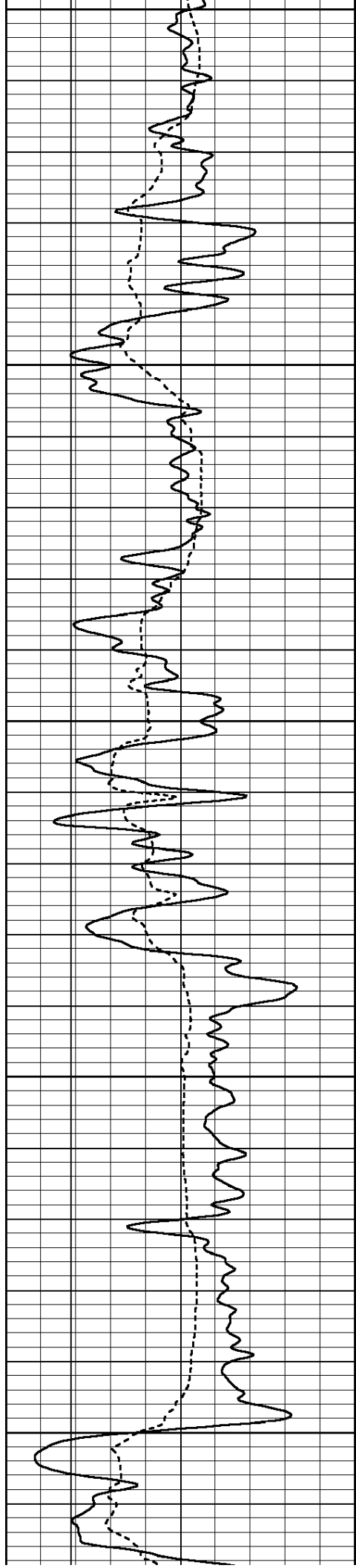
691.286

1146.45

676.006

1123.33

661.215



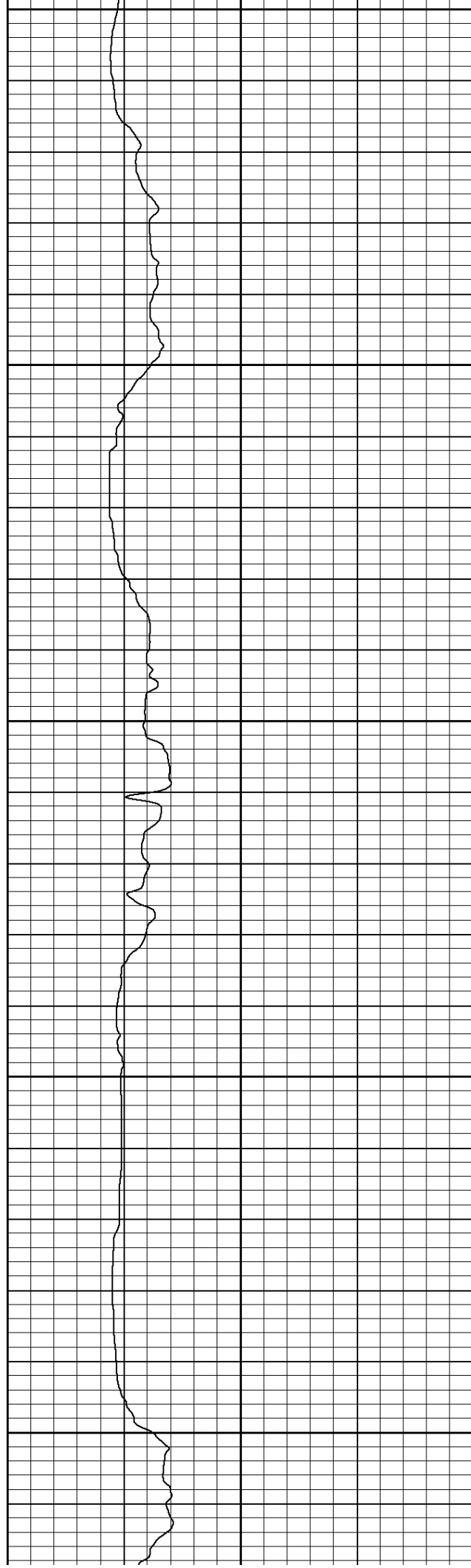
700

750

800

850

900



1090.79

1060.85

1029.22

1000.41

965.71

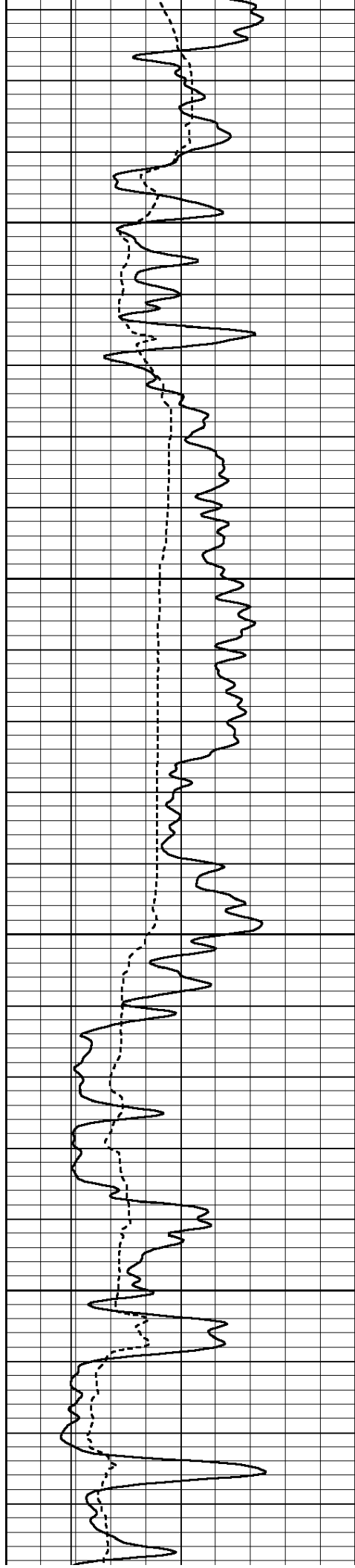
636.925

615.237

591.853

571.29

544.93

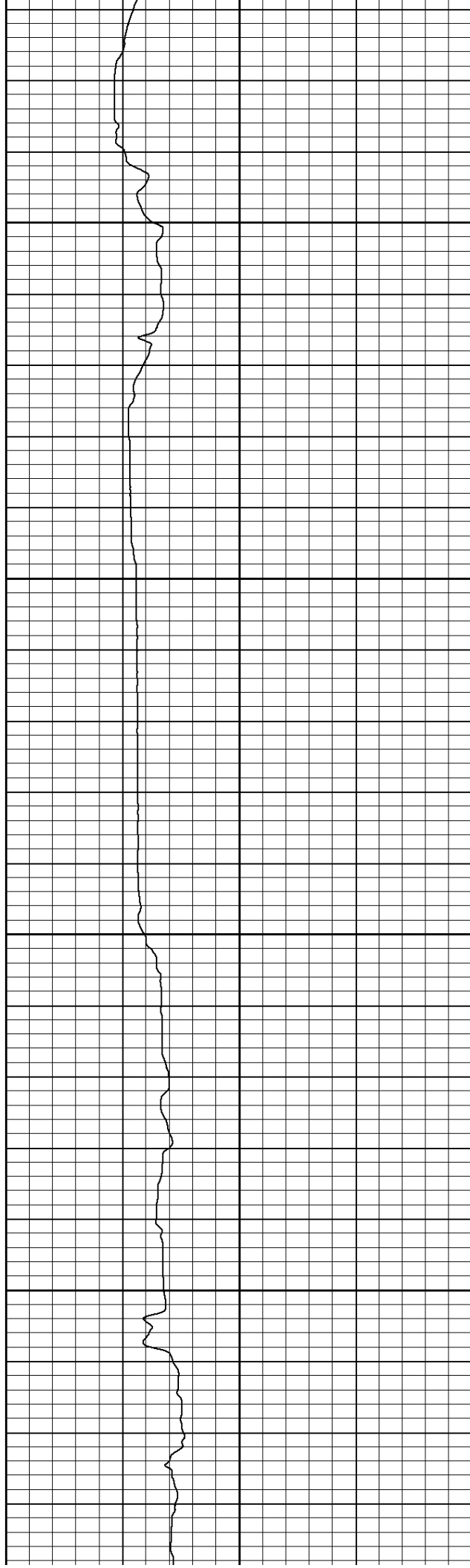


950

1000

1050

1100



936.77

908.67

879.50

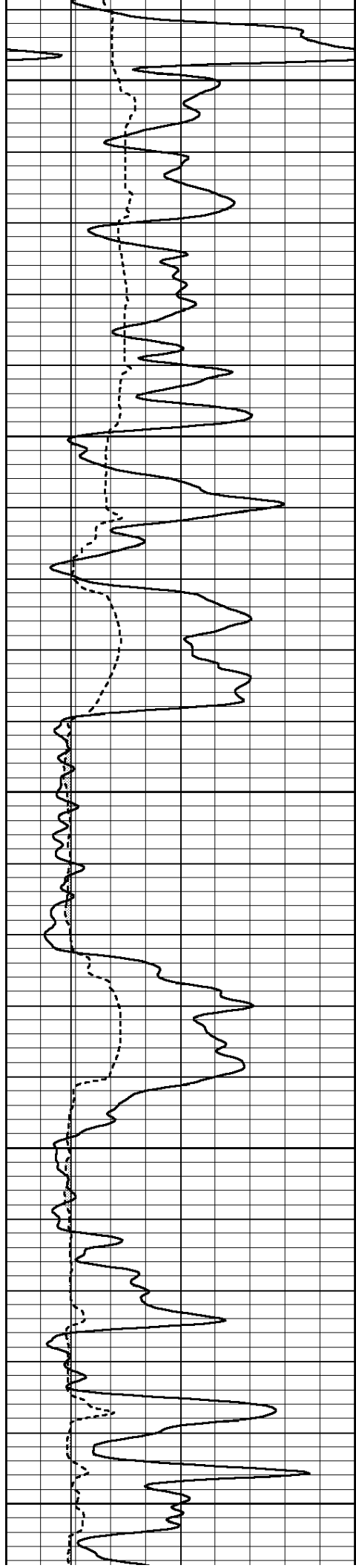
855.61

524.238

504.387

483.463

467.824



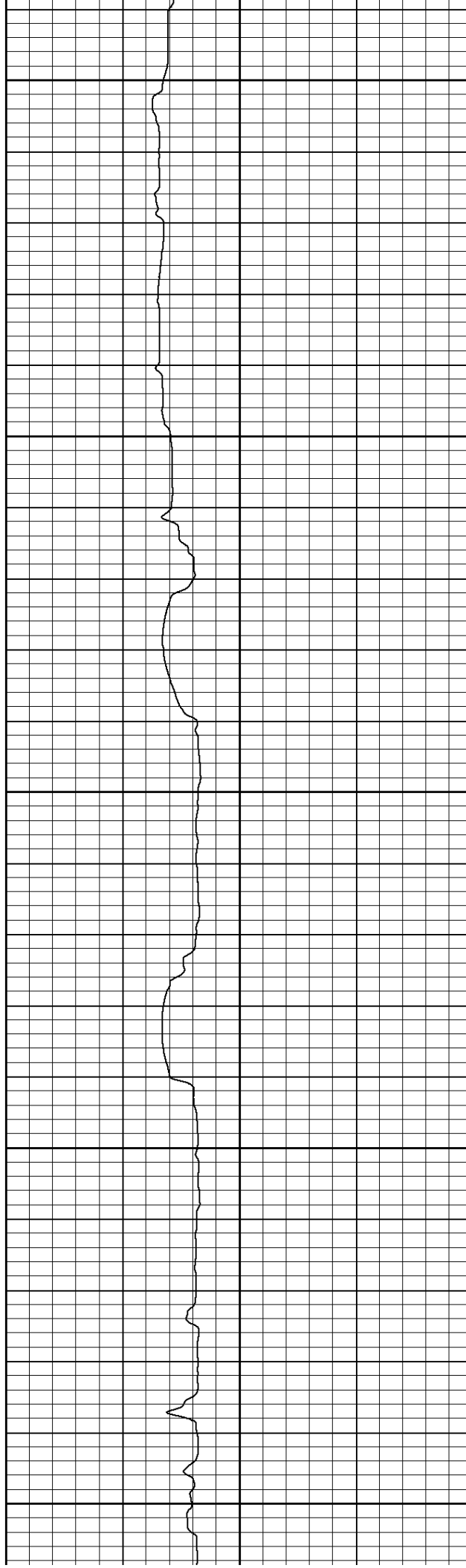
1150

1200

1250

1300

1350



833.55

809.47

789.16

770.51

753.54

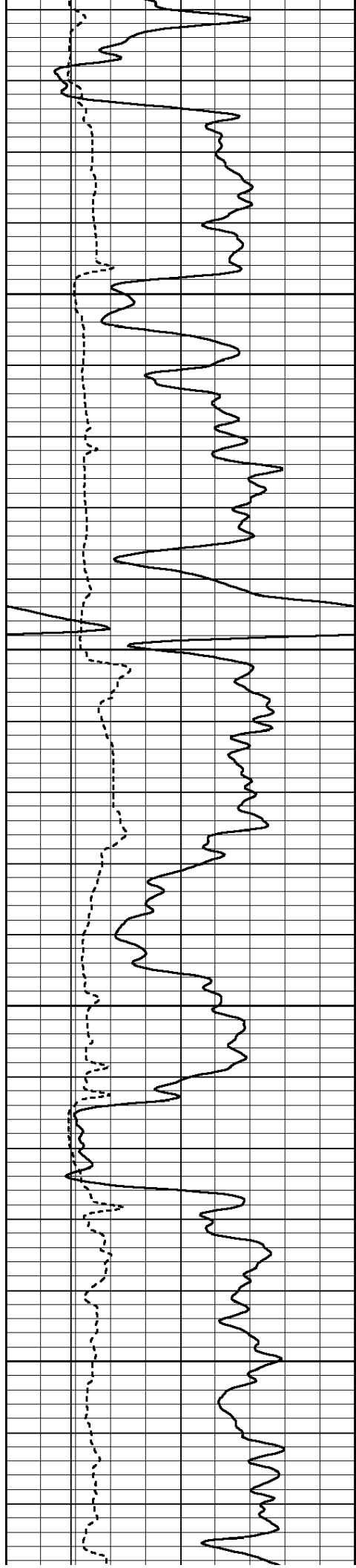
454.091

438.264

426.199

415.801

407.078

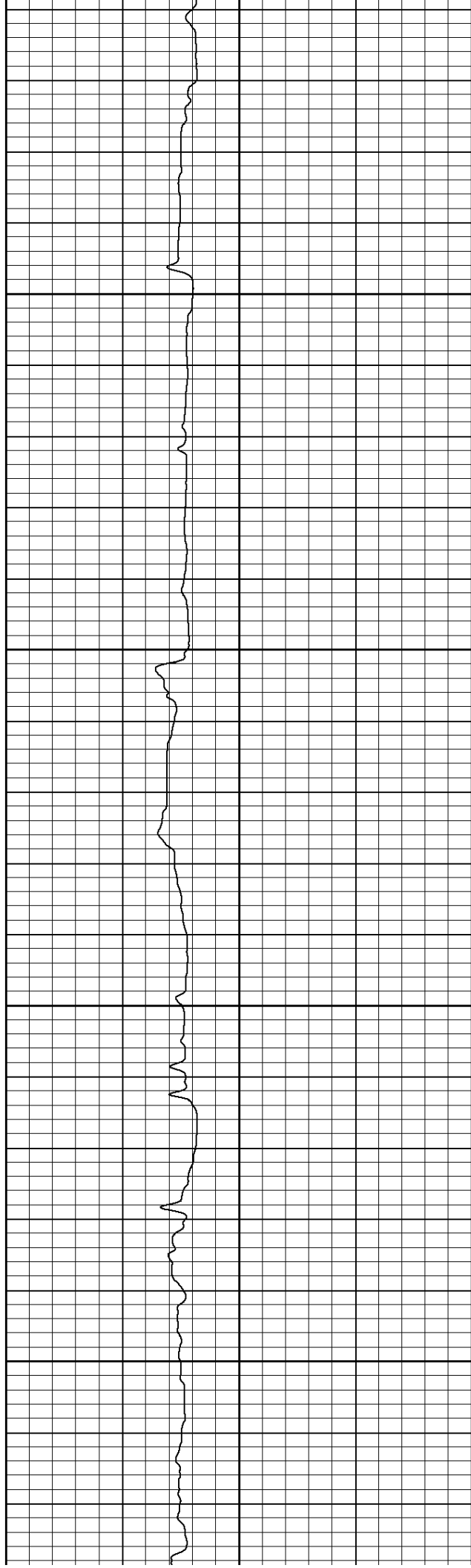


1400

1450

1500

1550



734.88

716.37

695.42

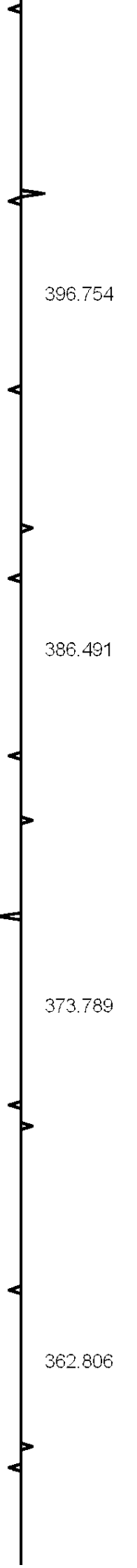
676.18

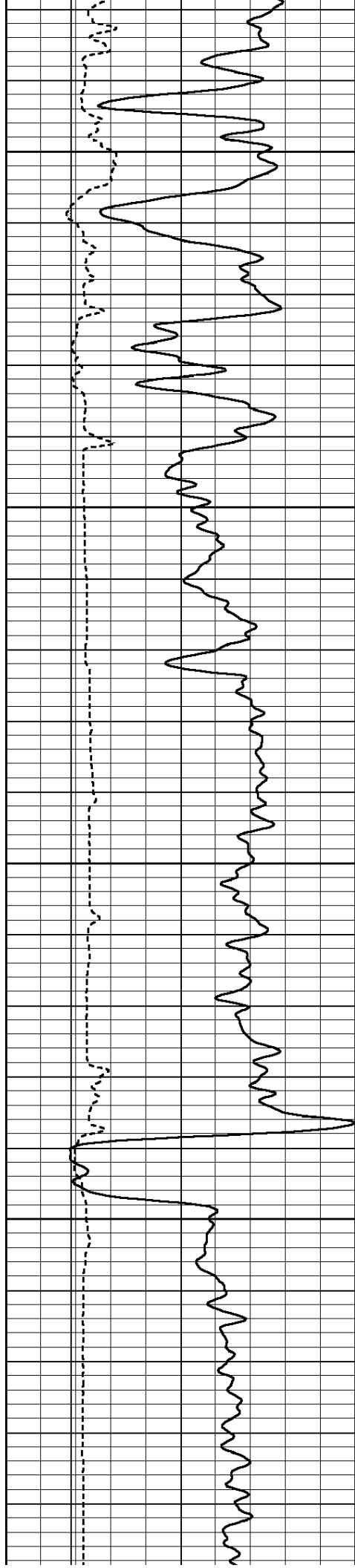
396.754

386.491

373.789

362.806



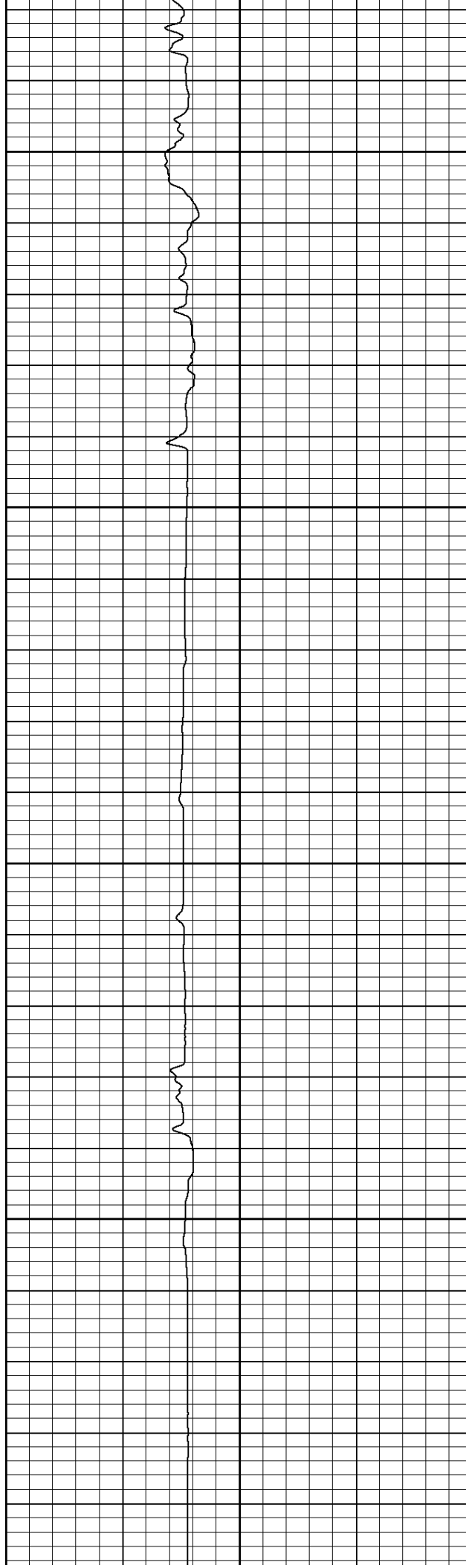


1600

1650

1700

1750



656.40

637.34

618.29

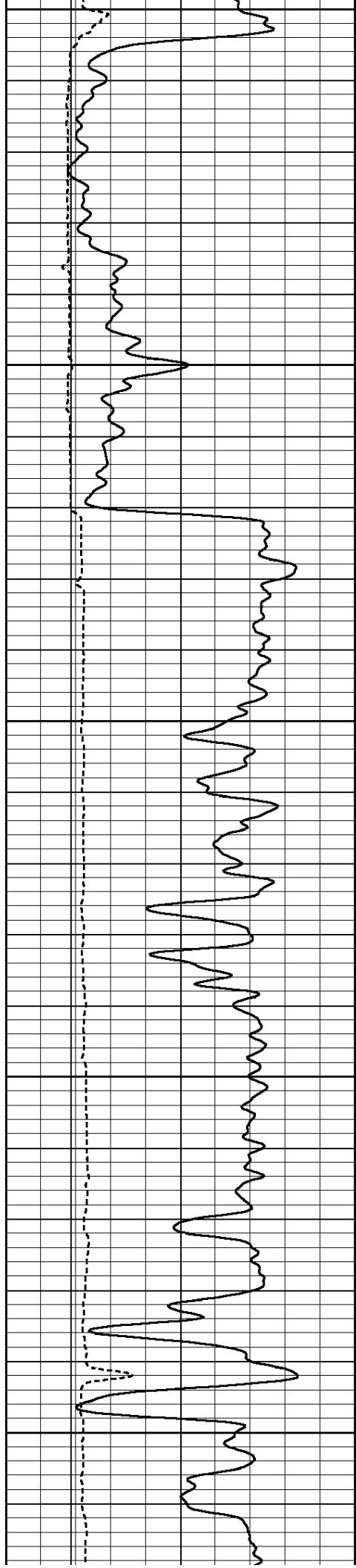
599.25

351.354

340.626

329.826

319.034



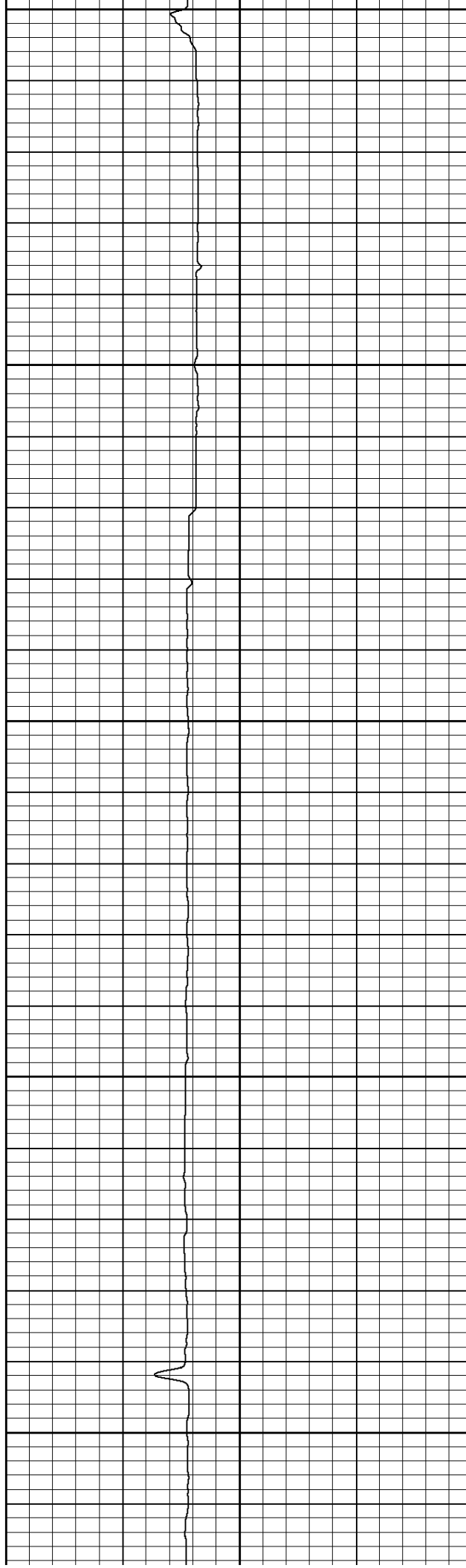
1800

1850

1900

1950

2000



580.78

563.84

546.26

527.83

508.96

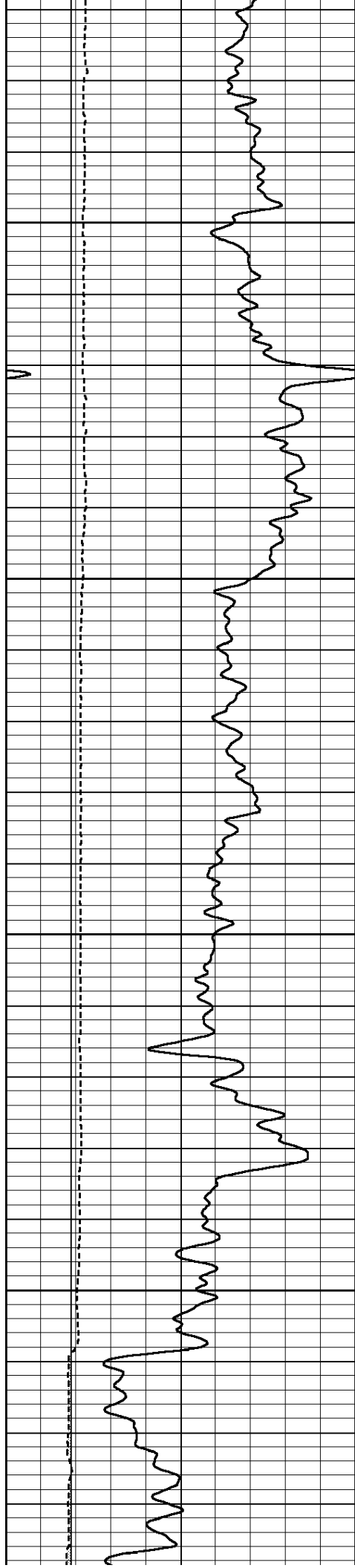
308.819

300.122

290.793

280.615

269.987

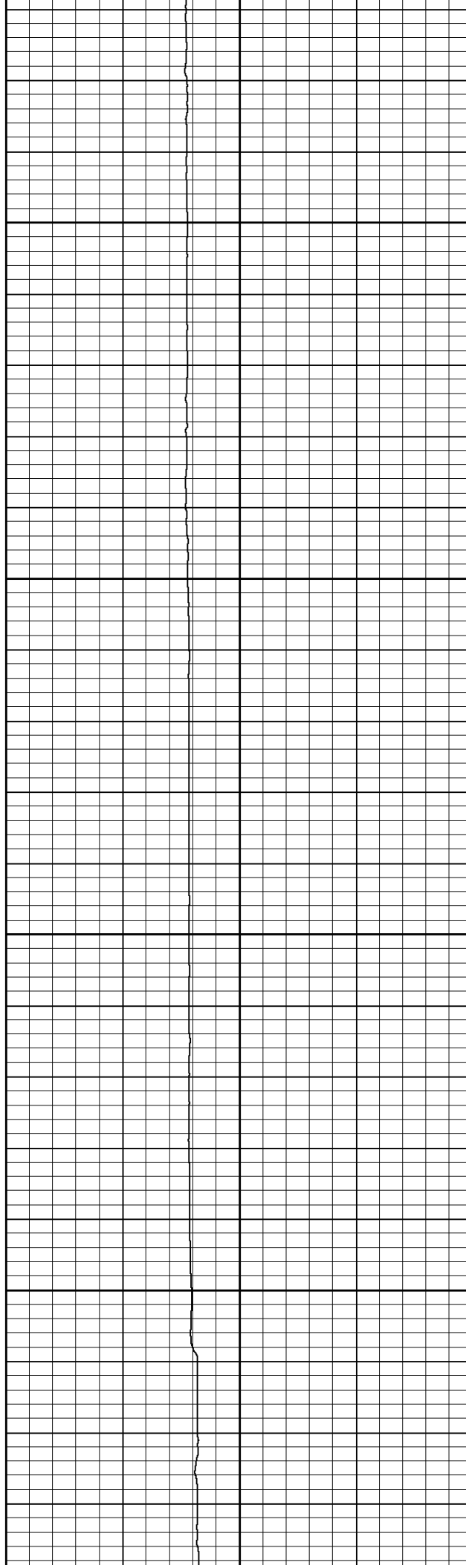


2050

2100

2150

2200



490.42

471.93

453.82

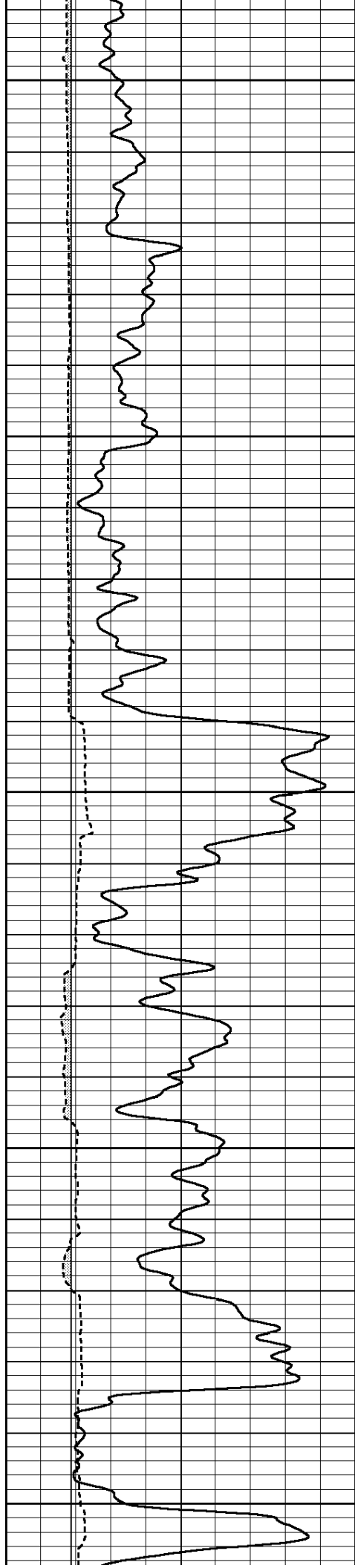
435.80

259.7

249.457

239.596

229.833



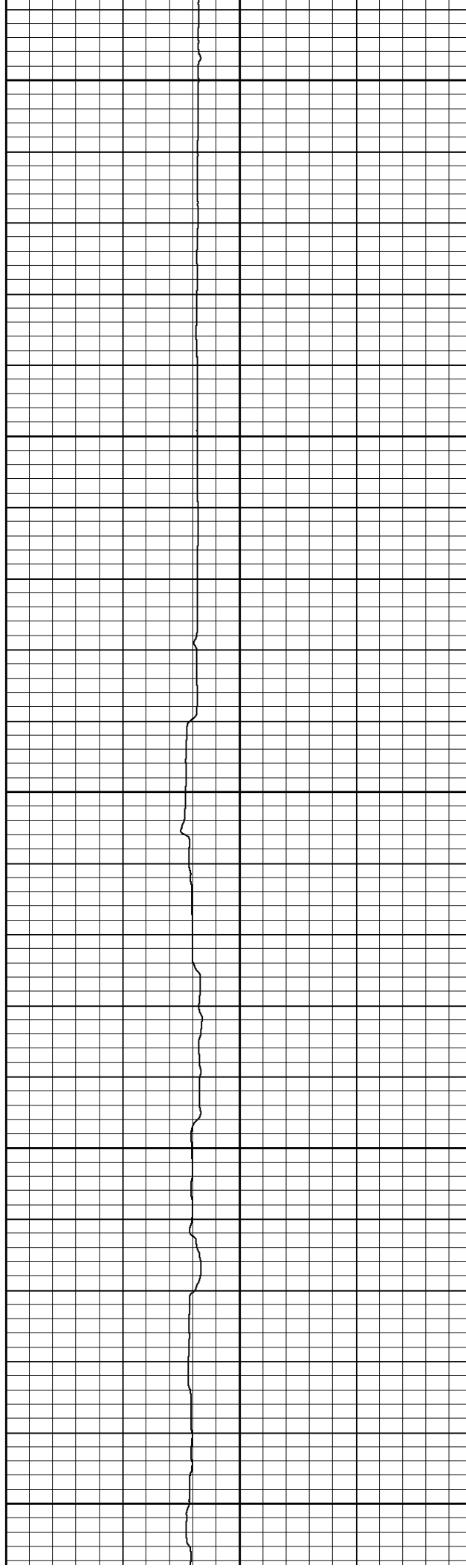
2250

2300

2350

2400

2450



419.06

402.54

385.65

368.46

350.90

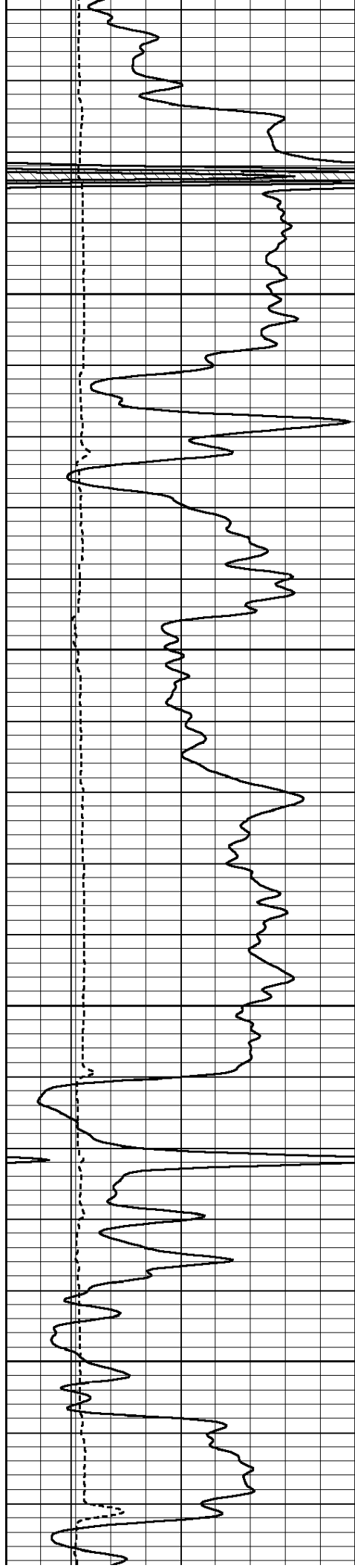
221.334

213.065

204.426

195.487

186.173

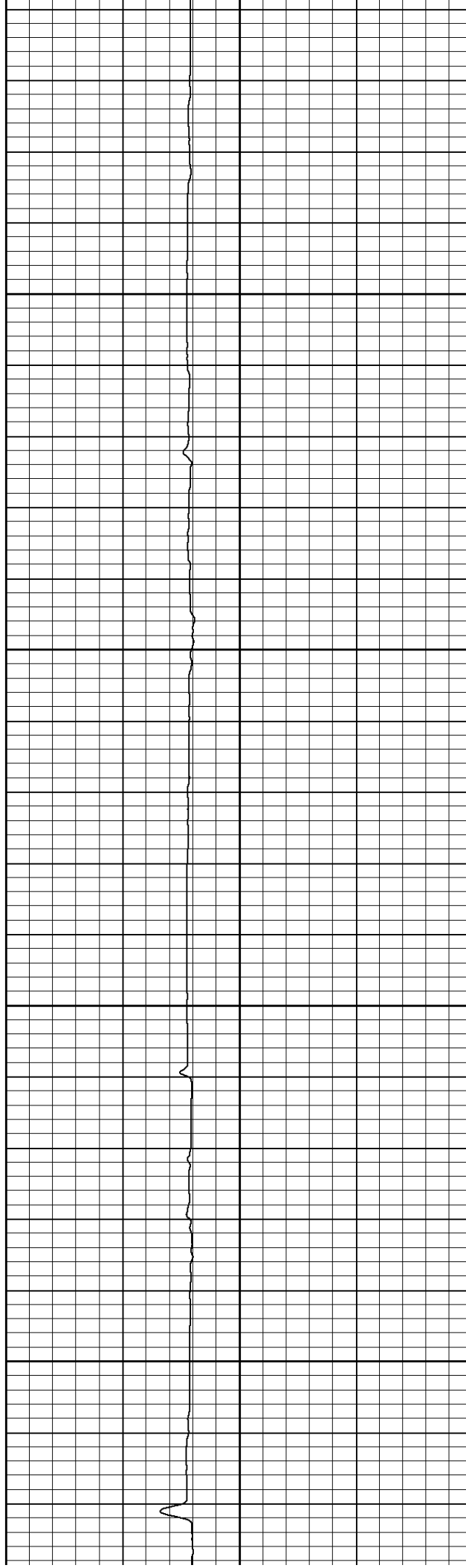


2500

2550

2600

2650



332.78

314.64

296.40

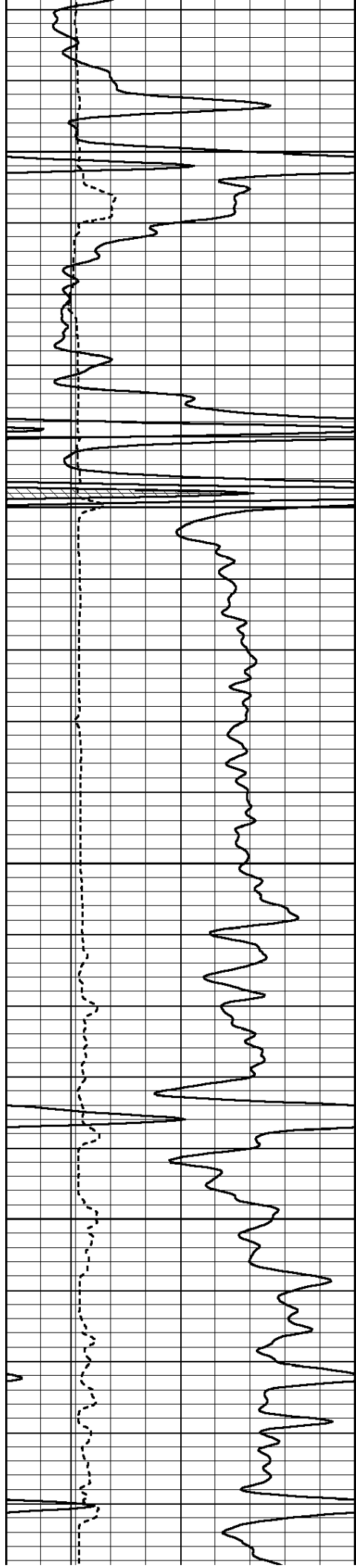
278.39

176.307

166.41

156.429

146.668

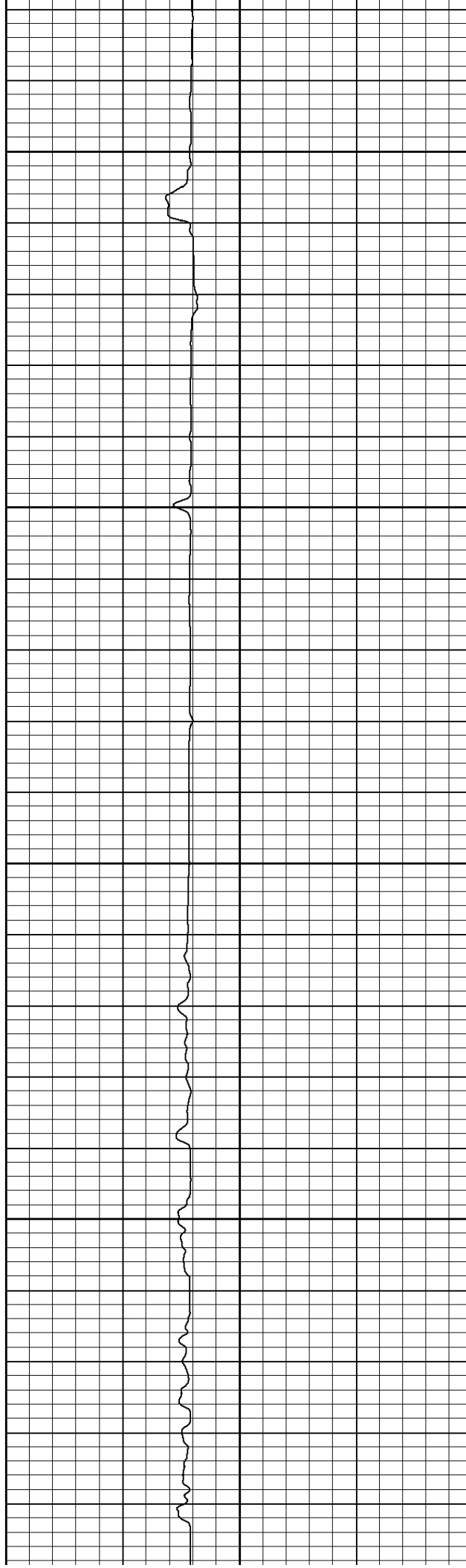


2700

2750

2800

2850



260.29

242.25

224.21

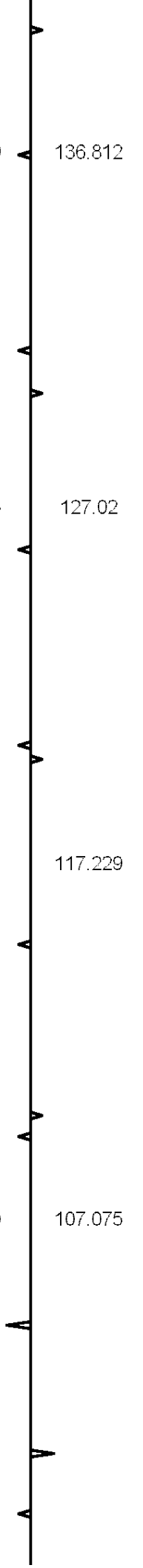
205.80

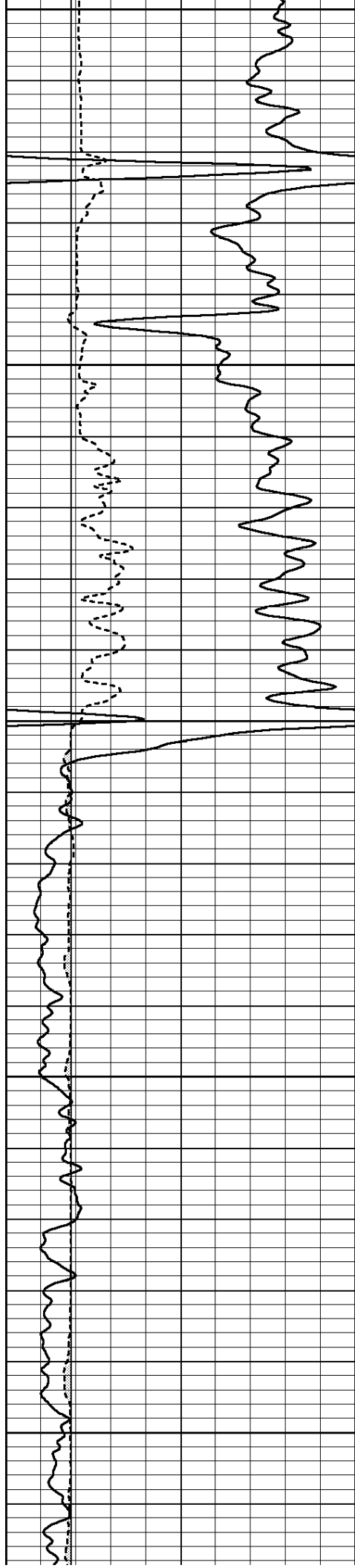
136.812

127.02

117.229

107.075





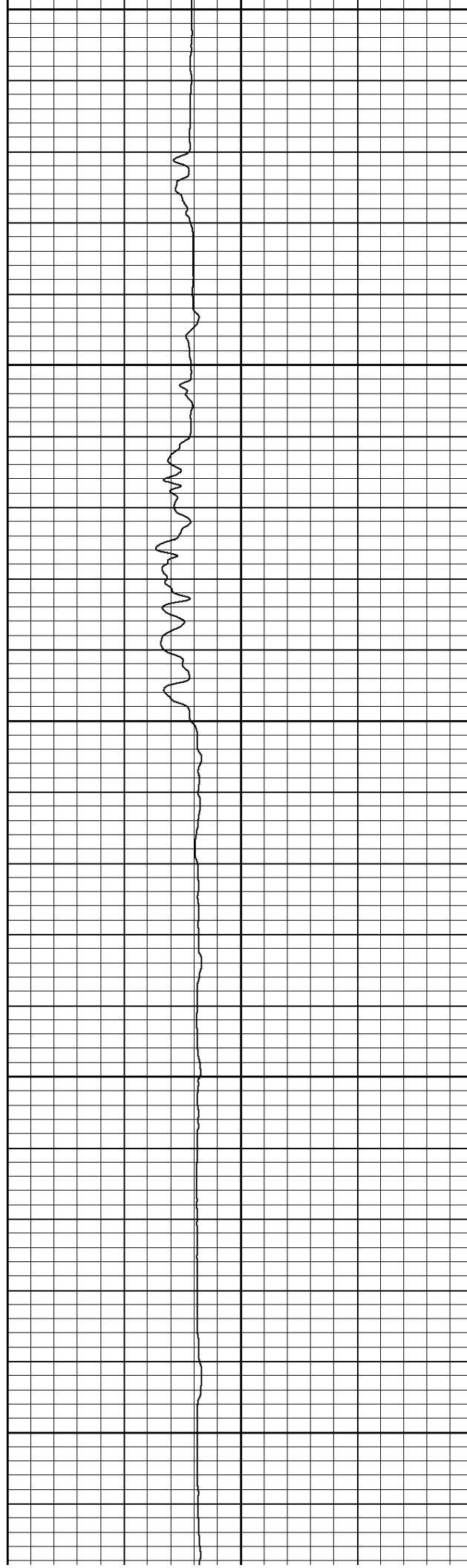
2900

2950

3000

3050

3100



187.02

168.85

148.25

131.53

114.85

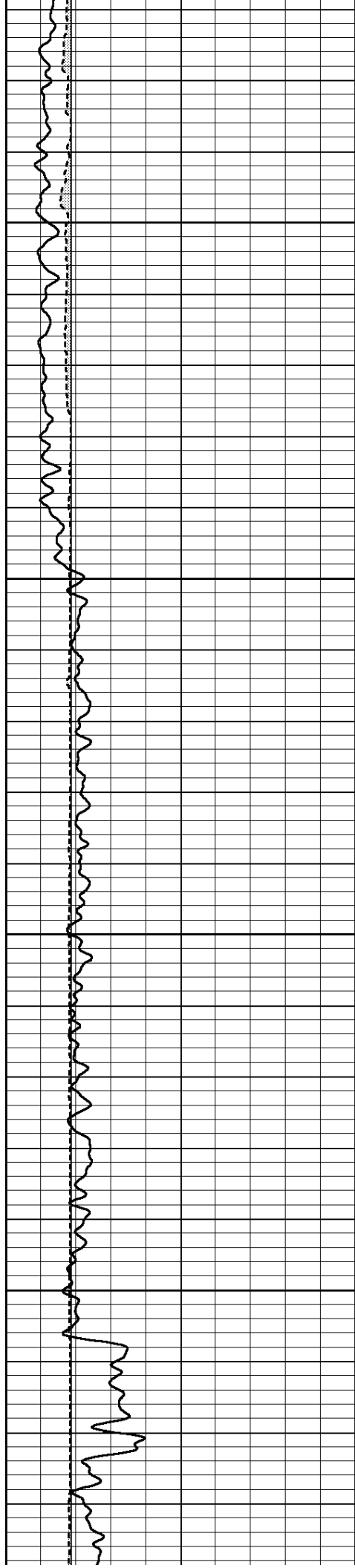
96.5422

86.6249

74.2665

65.7968

57.3662

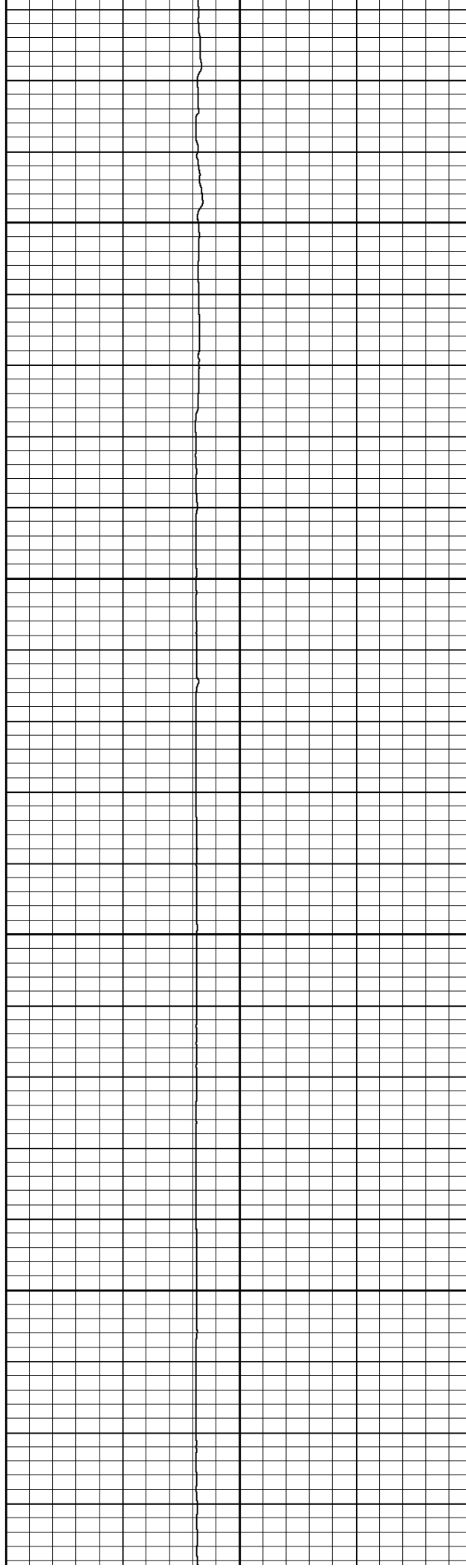


3150

3200

3250

3300



98.42

81.92

65.21

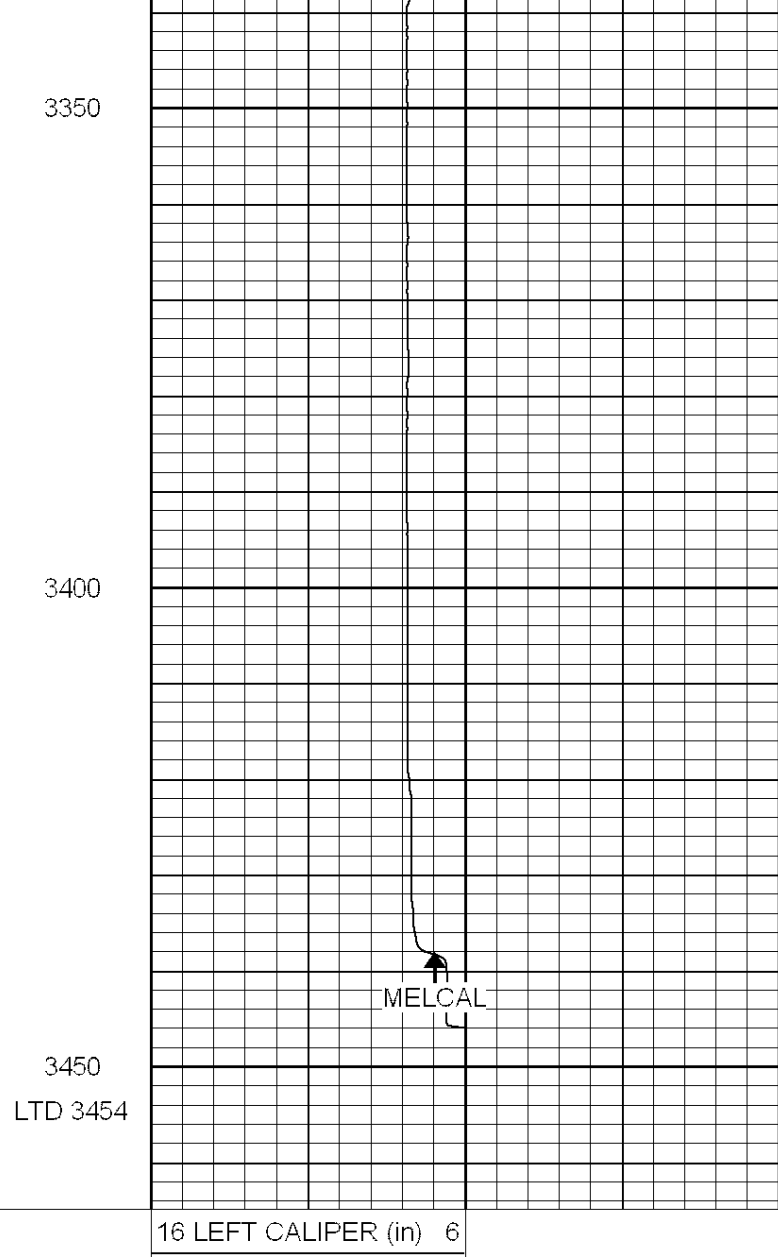
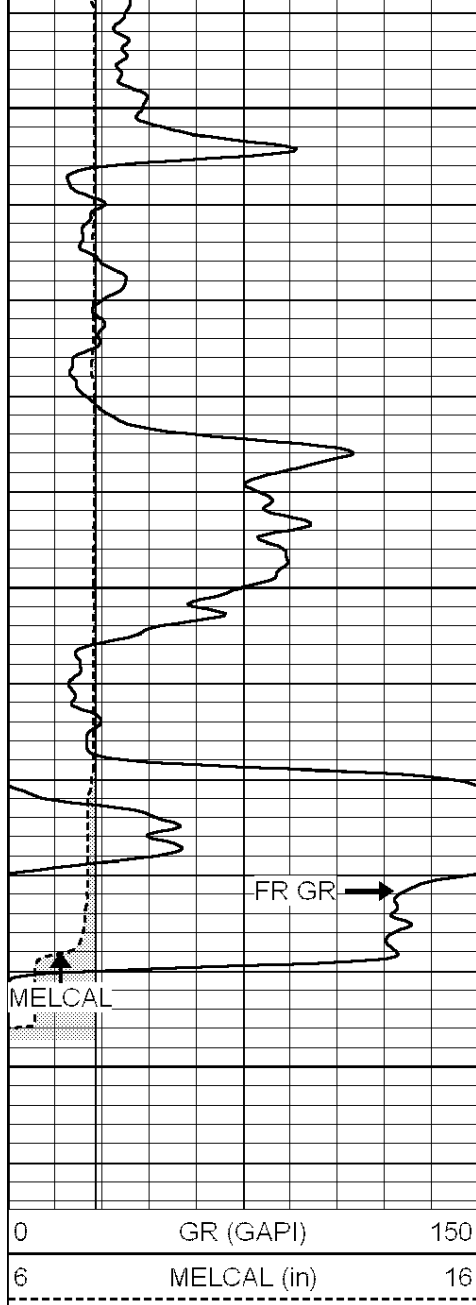
48.50

49.1919

40.9415

32.4776

24.0178



31.80	15.5704
15.09	7.10169
0.00	0
5.5" ABHV	
BVTX (ft3)	AVTX (ft3)
TBHV (ft3)	ABHV (ft3)