

Oper. Company: Highpoint Resources
Well: Wetco 4-63-5-4033CB
Field: DJ Basin
Rig: Cade 23
Well ID: 05-123-48495
Job Number: 756H-2019

State: Colorado
County: Weld
Country: USA
Location: Kersey
Start Date: 01/12/2019 00:30:00
End Date:

Latitude: 40 20' 23.805 N
Longitude: 104 26' 58.801 W

Elev GL: 4629
Elev DF: 4645.5
Elev KB:

Operator 1: Jack Tucker

Operator 2: Riley Rasmussen

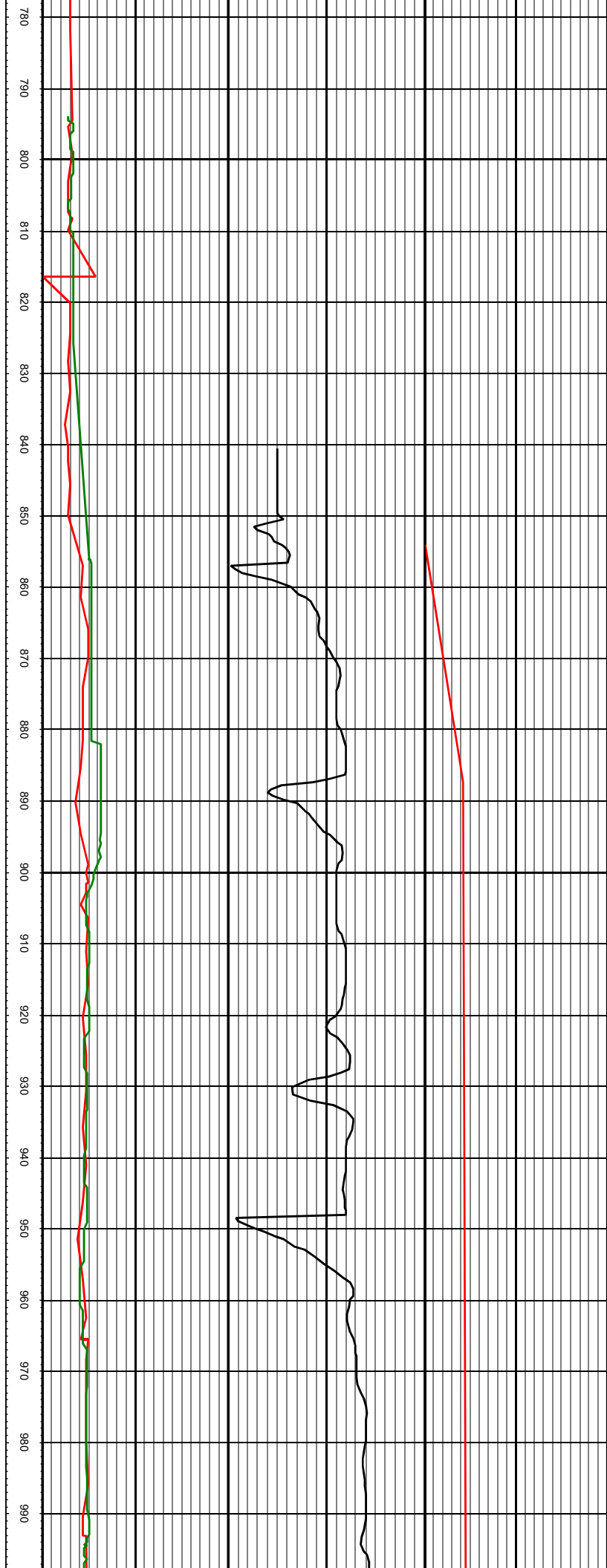
Tool Run Data	Run #1	Run #2	Run #3	Run #4	Run #5
Tool S/N	301	298	298		
Bit Size	8.75	6.125	6.125		
Cal Factor	4.108	2.644	2.644		
Survey Offset	62.00	73.00	69.00		
Gamma Offset	46.86	59.81	55.88		
Resisitivity Offset	0.00	0.00	0.00		
Start Depth	850.00	6918.00	8372.00		
StartDate	1/8/2019	1/14/2019	1/16/2019		
StartTime	14:47	11:08	10:00		
EndDepth	6918.00	8372.00	16381.00		
EndDate	1/13/2019	1/15/2019	1/19/2019		
EndTime	03:15	12:30	01:01		
Mud Type	WBM	WBM	WBM		
Mud Weight	9.8	9.8	9.0		
Solids Content	3.0	3	3		
Sand Content	.01	.01	.01		
Temperature	162.1	190	243		

Hole Data			Casing Data		
Size	From	To	Size	From	To
8 3/4	0.00	6918.00	9 7/8	0.00	850.00
6 1/8	6918.00	16381.00	7.0	0.00	6903.00

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, cost damages or expenses incurred or sustained by anyone resulting from an interpretation made by any of our officers, agents, or employees.

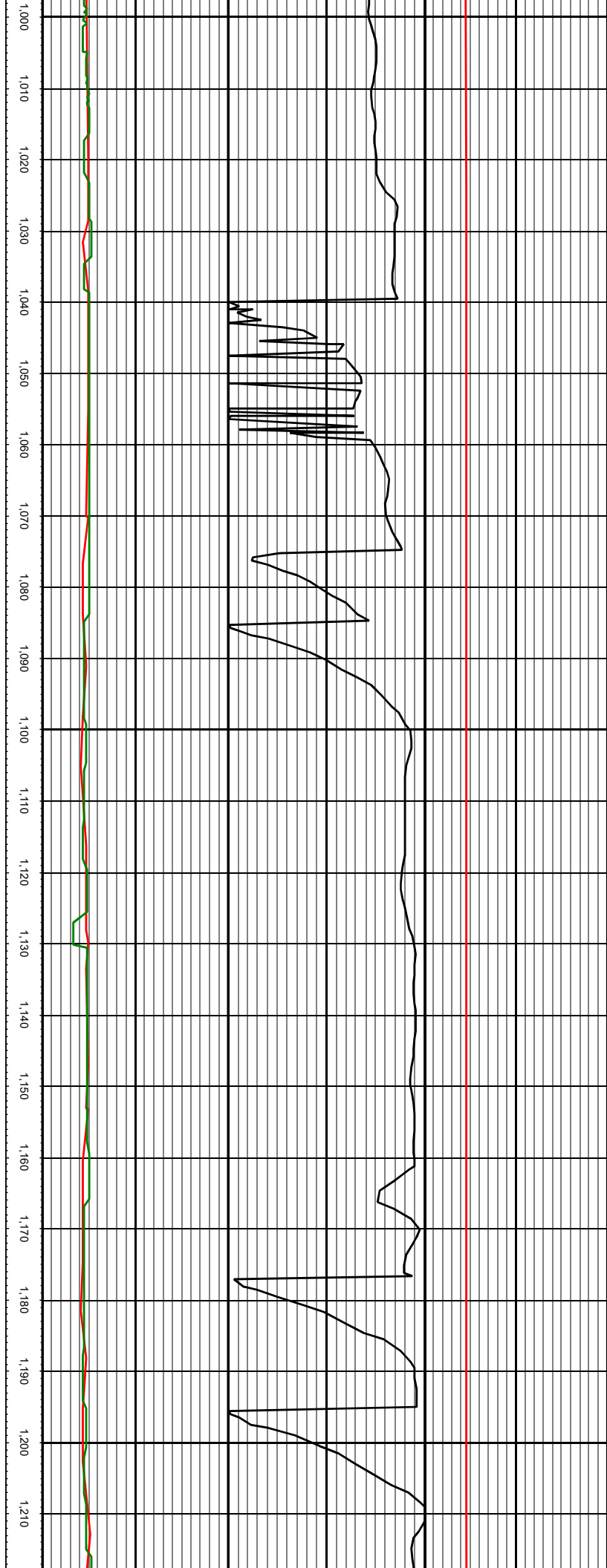
TVD	Correlated gamma is red		0.00	ROP(FT/HR)	1,000.00	0.00	SvyTemp(deg F)	300.00	Surveys (MD/INC/AZ/TVD/VS)	
FT	0.00	GR(API)	300.00							
	0.00	GR(API)	300.00							
	0.00	GR(API)	300.00							
	0.00	GR(API)	300.00							
	0.00	GR(API)	300.00							

[illegible]



MD: 855.50 INC: 5.71 AZ: 311.02 TVD: 854.00 VS: 35.30 854.00

MD: 889.00 INC: 5.80 AZ: 315.80 TVD: 887.33 VS: 37.77 887.33



MD: 1027.00 INC: 6.20 AZ: 316.60 TVD: 1024.58 VS: 47.89

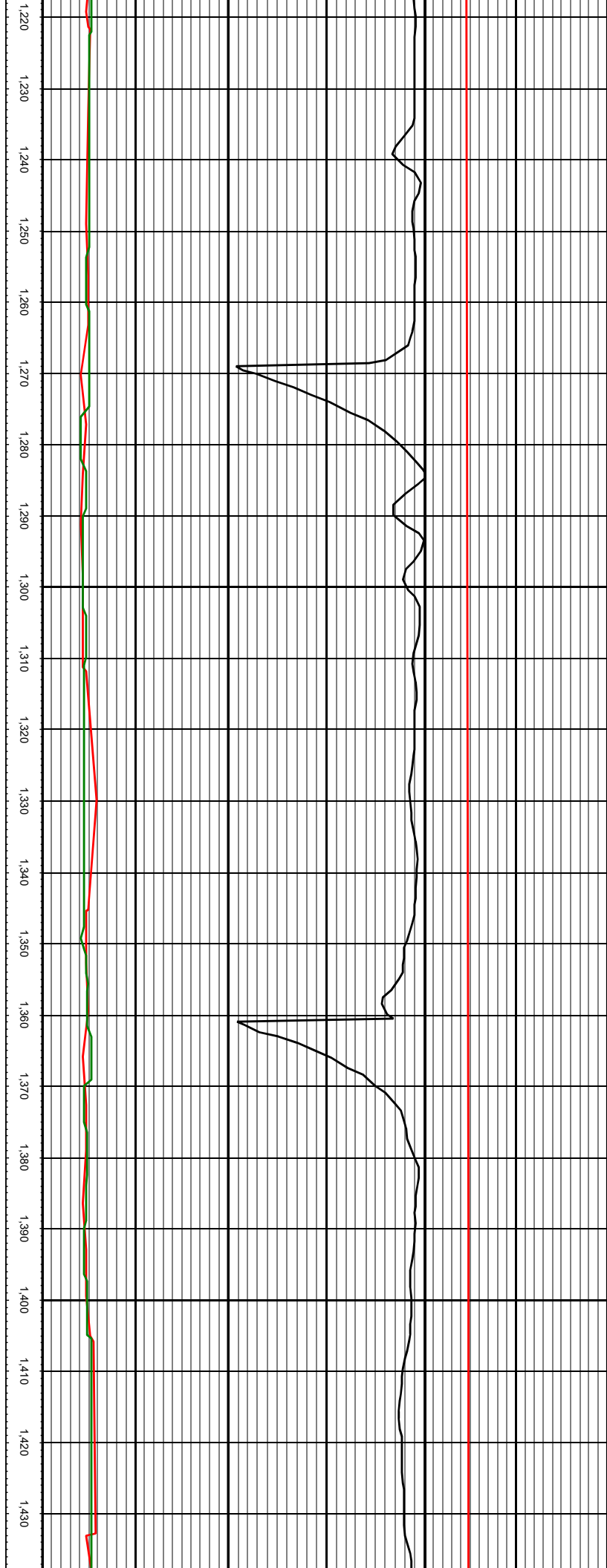
1,024.58

MD: 1119.00 INC: 6.40 AZ: 317.70 TVD: 1116.02 VS: 54.85

1,116.02

MD: 1210.00 INC: 6.50 AZ: 320.00 TVD: 1206.44 VS: 61.68

1,206.44

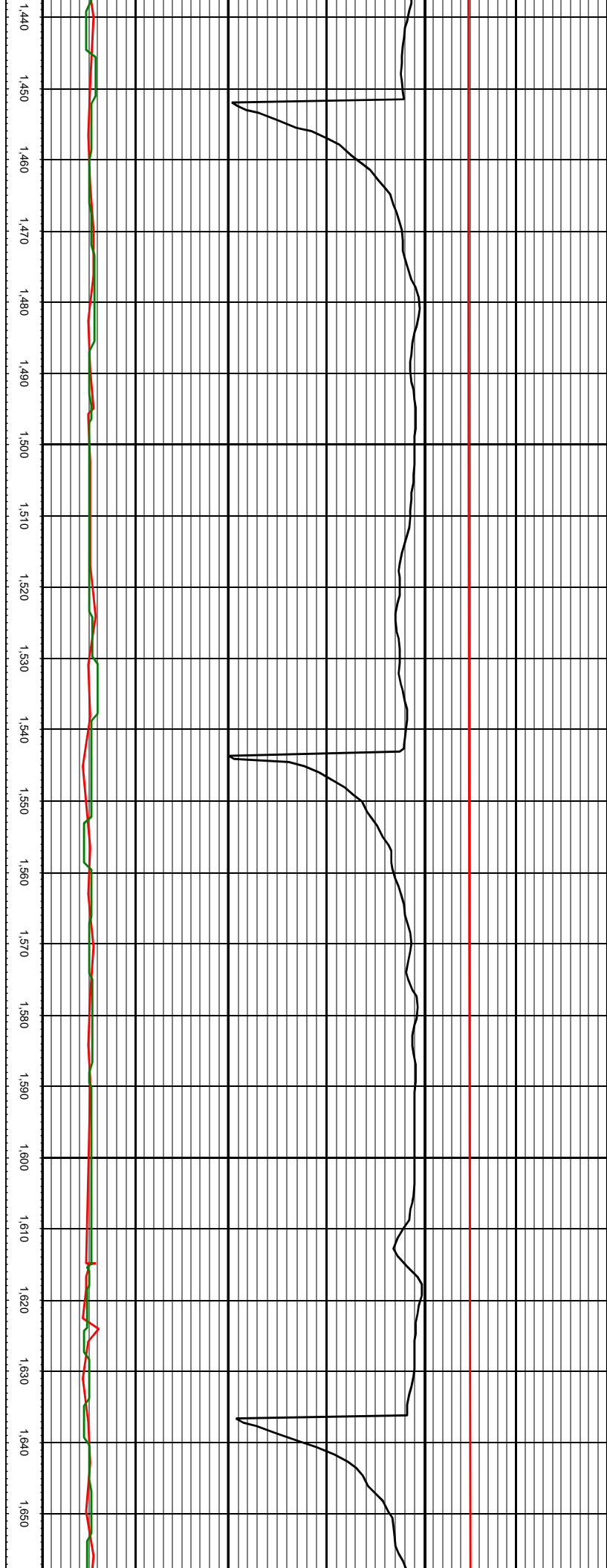


MD: 1302.00 INC: 6.50 AZ: 320.70 TVD: 1297.85 VS: 68.43

1,297.85

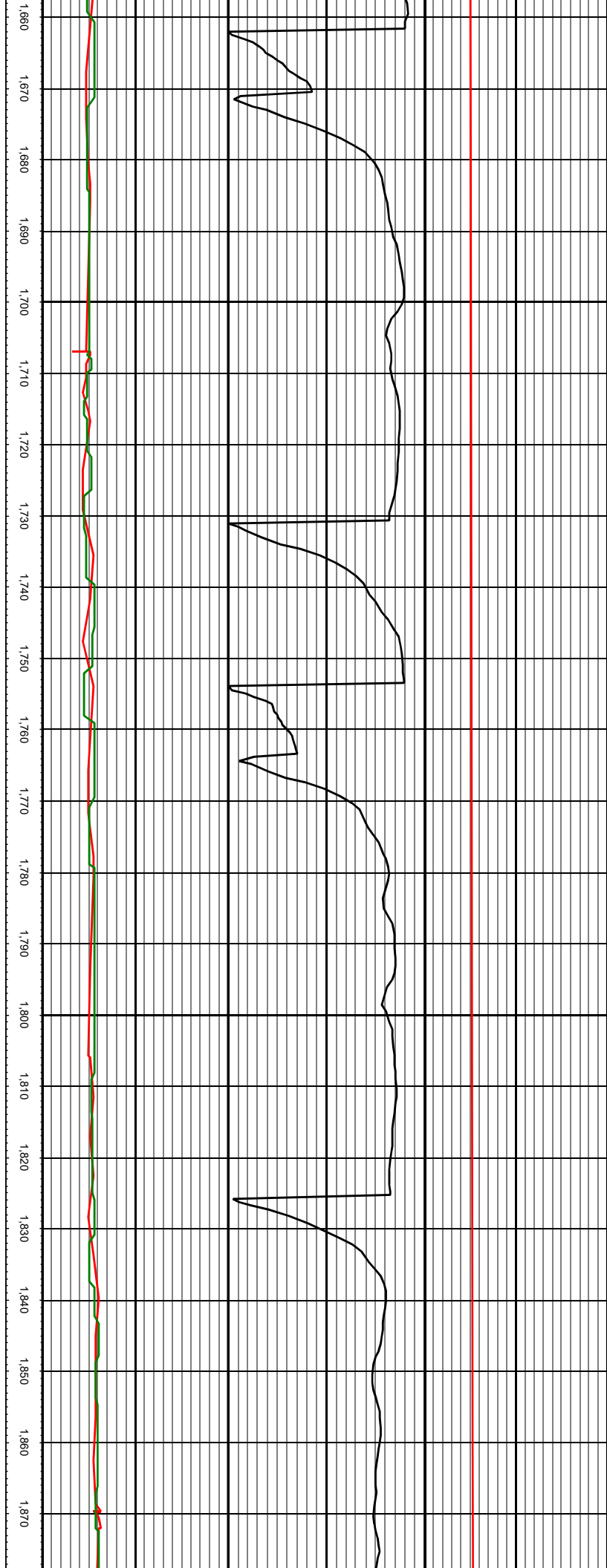
MD: 1394.00 INC: 6.20 AZ: 321.90 TVD: 1389.29 VS: 74.90

1,389.29



MD: 1486.00 INC: 5.40 AZ: 316.20 TVD: 1480.82 VS: 81.05 1,480.82

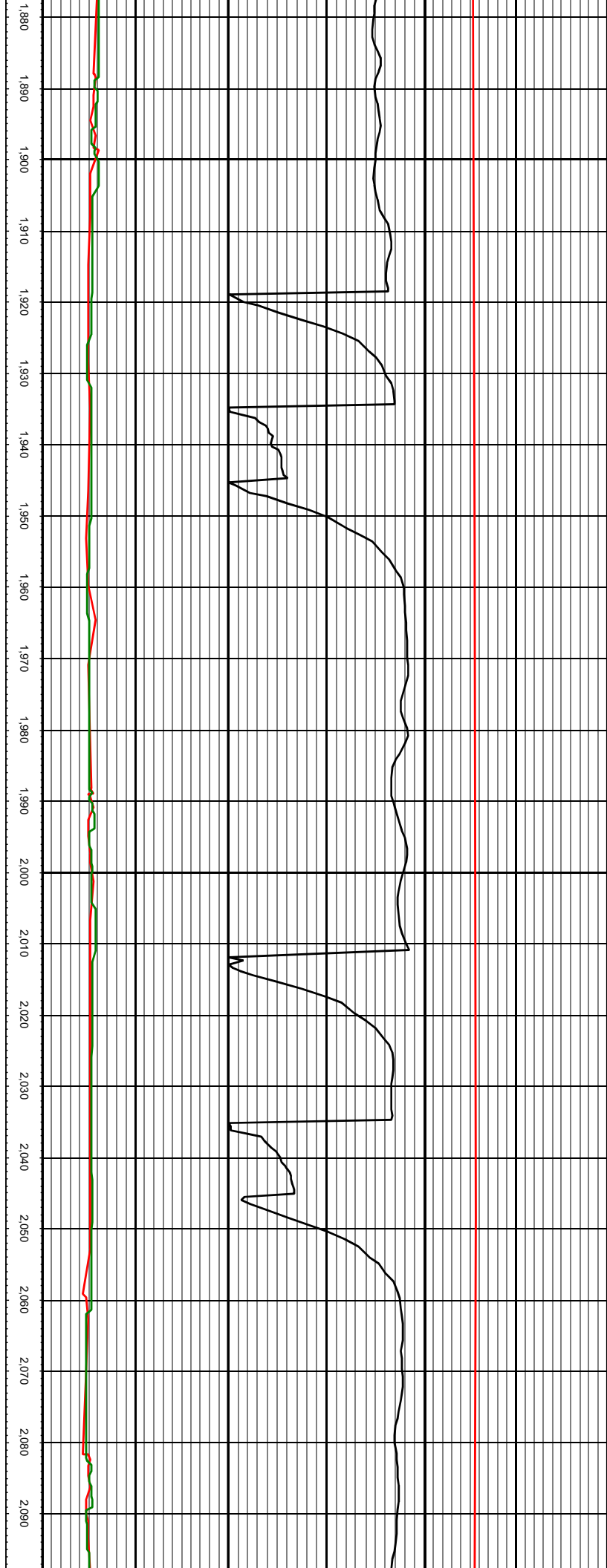
MD: 1581.00 INC: 4.70 AZ: 309.70 TVD: 1575.45 VS: 87.22 1,575.45



MD: 1676.00 INC: 6.10 AZ: 303.60 TVD: 1670.03 VS: 94.49 1,670.03

MD: 1771.00 INC: 7.90 AZ: 301.20 TVD: 1764.31 VS: 104.36 1,764.31

MD: 1867.00 INC: 7.10 AZ: 296.80 TVD: 1859.49 VS: 115.38 1,859.49

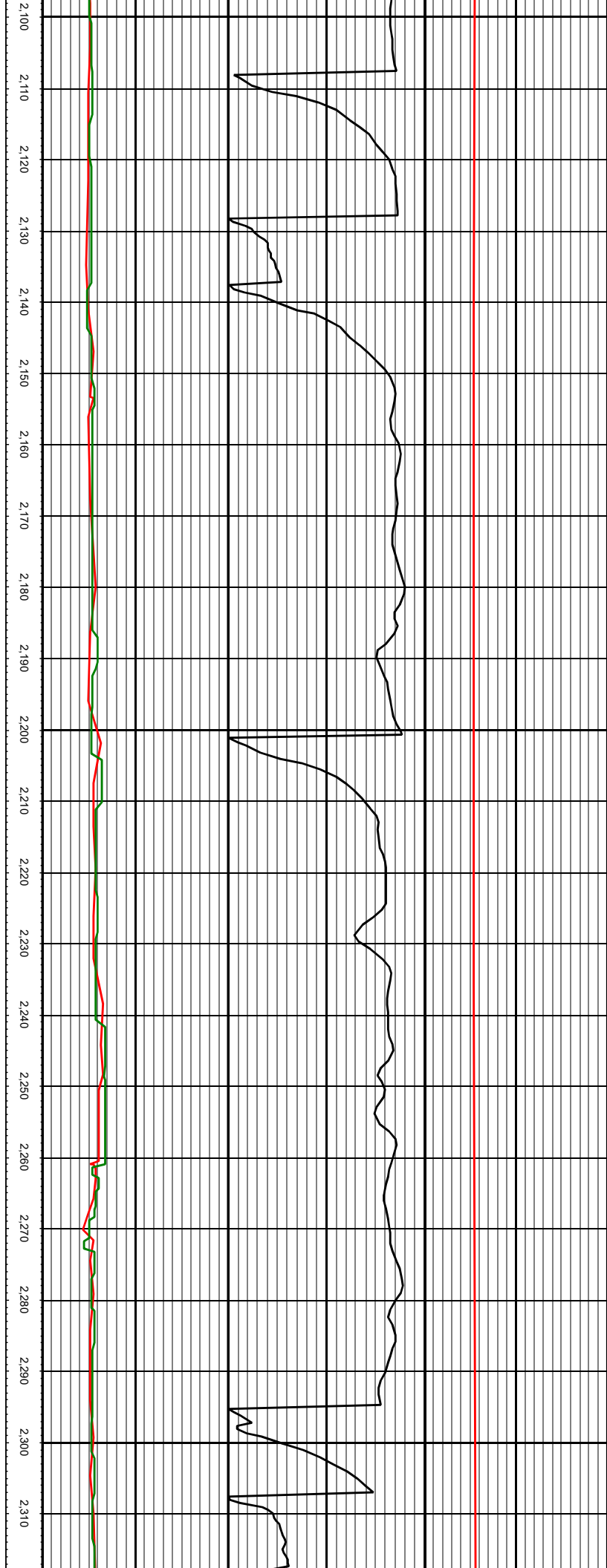


MD: 1962.00 INC: 8.30 AZ: 296.20 TVD: 1953.63 VS: 126.84

1,953.63

MD: 2058.00 INC: 9.50 AZ: 294.40 TVD: 2048.48 VS: 140.36

2,048.48

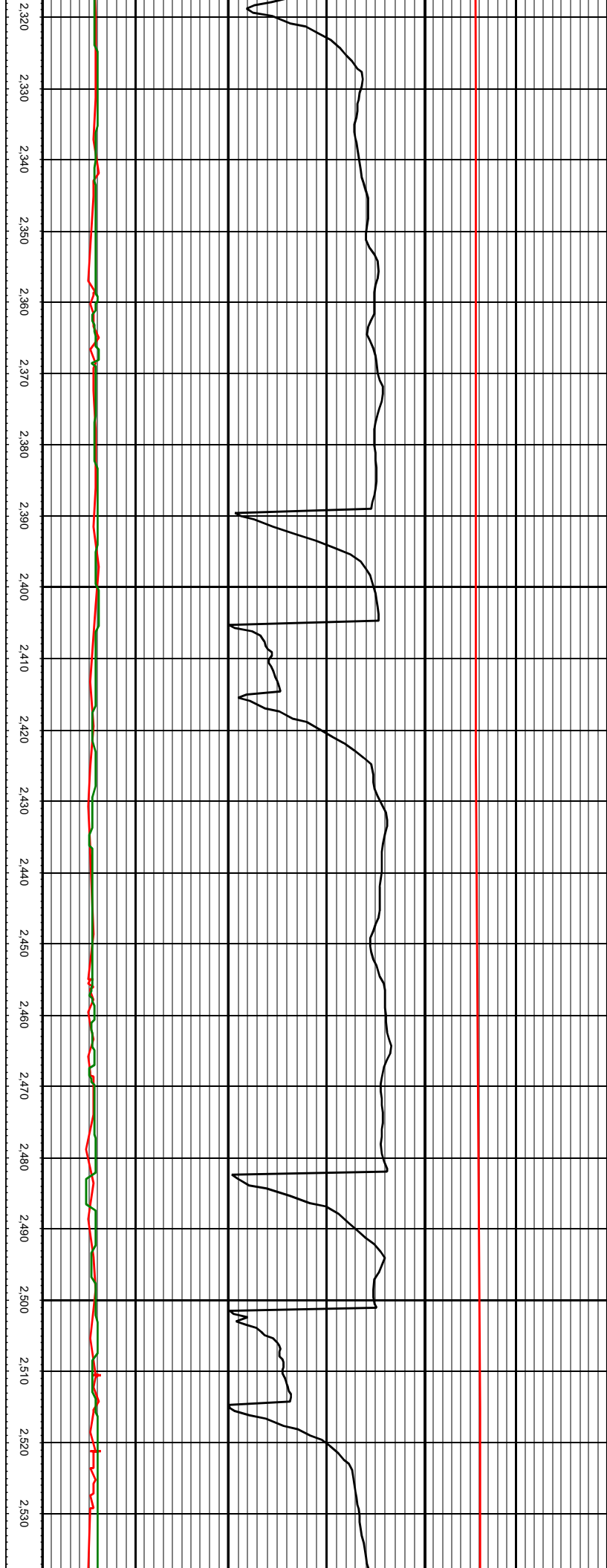


MD: 2153.00 INC: 10.30 AZ: 296.20 TVD: 2142.06 VS: 155.21

2,142.06

MD: 2248.00 INC: 9.50 AZ: 293.40 TVD: 2235.65 VS: 170.12

2,235.65



MD: 2344.00 INC: 10.60 AZ: 294.30 TVD: 2330.17 VS: 185.52

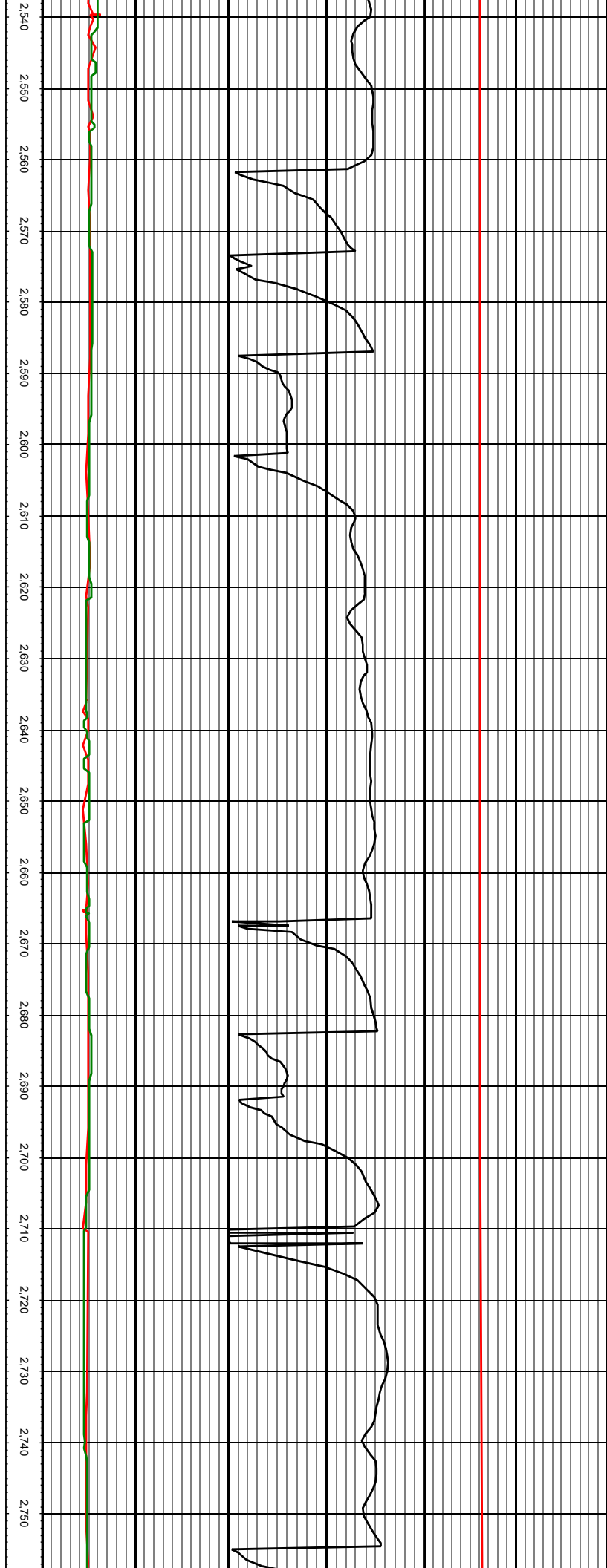
2,330.17

MD: 2439.00 INC: 11.80 AZ: 295.90 TVD: 2423.36 VS: 202.33

2,423.36

MD: 2533.00 INC: 13.00 AZ: 298.60 TVD: 2515.17 VS: 220.38

2,515.17

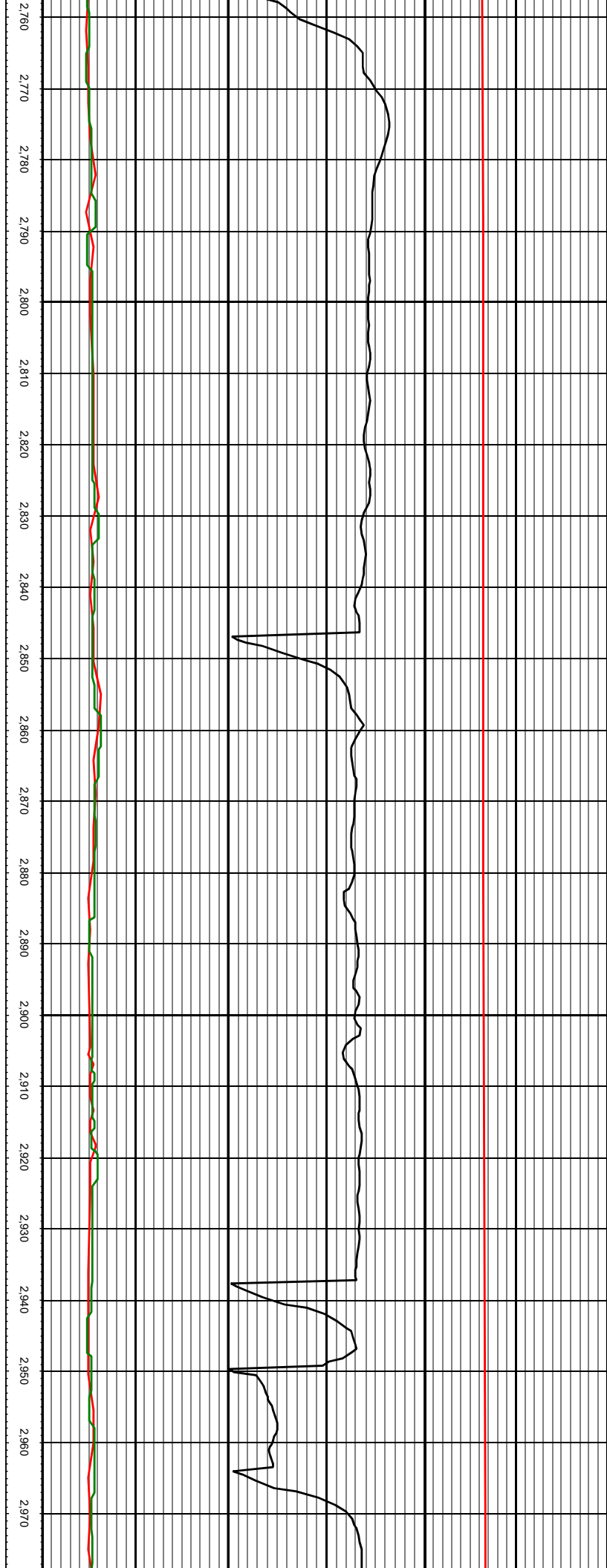


MD: 2627.00 INC: 14.90 AZ: 303.40 TVD: 2606.39 VS: 239.91

2,606.39

MD: 2722.00 INC: 17.20 AZ: 302.10 TVD: 2697.69 VS: 262.19

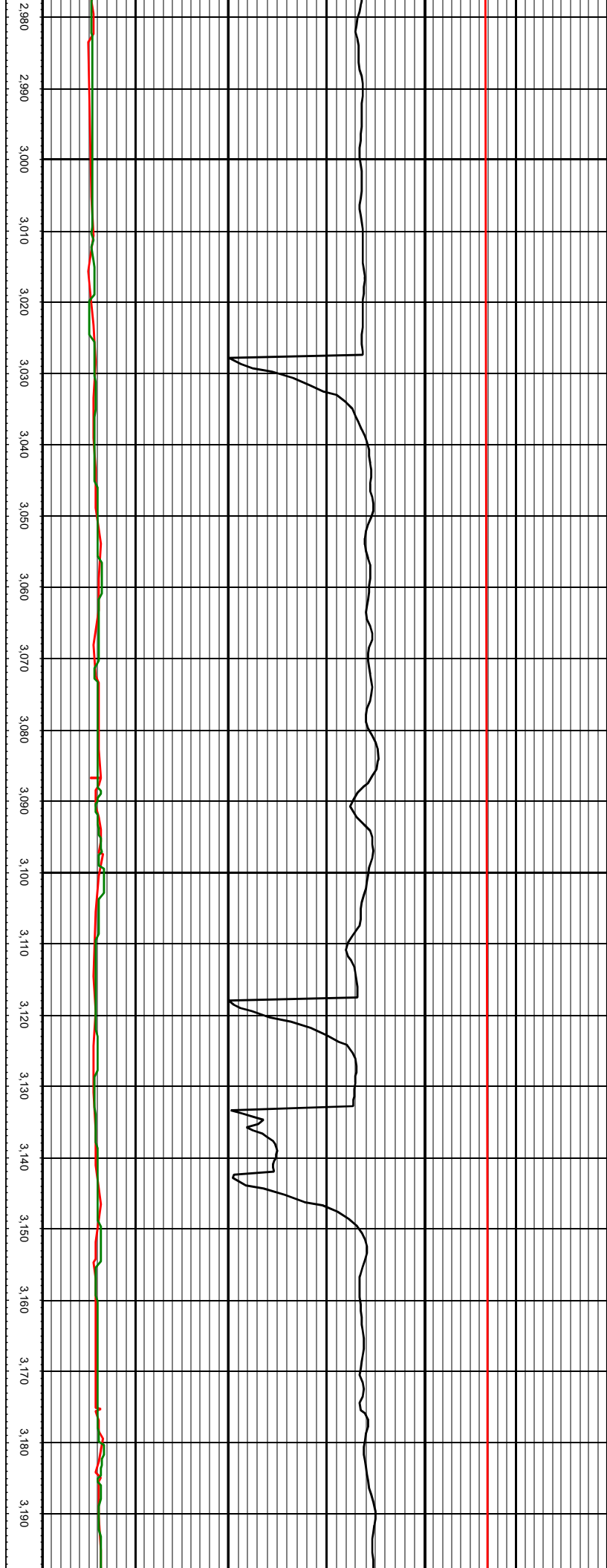
2,697.69



MD: 2817.00 INC: 17.30 AZ: 300.20 TVD: 2788.41 VS: 286.49 2,788.41

MD: 2912.00 INC: 16.10 AZ: 298.50 TVD: 2879.40 VS: 310.45 2,879.40

MD: 3006.00 INC: 18.20 AZ: 298.60 TVD: 2969.22 VS: 334.97 2,969.22



MD: 3101.00 INC: 17.20 AZ: 295.70 TVD: 3059.72 VS: 360.83

3,059.72

MD: 3196.00 INC: 17.00 AZ: 294.00 TVD: 3150.52 VS: 386.32

3,150.52

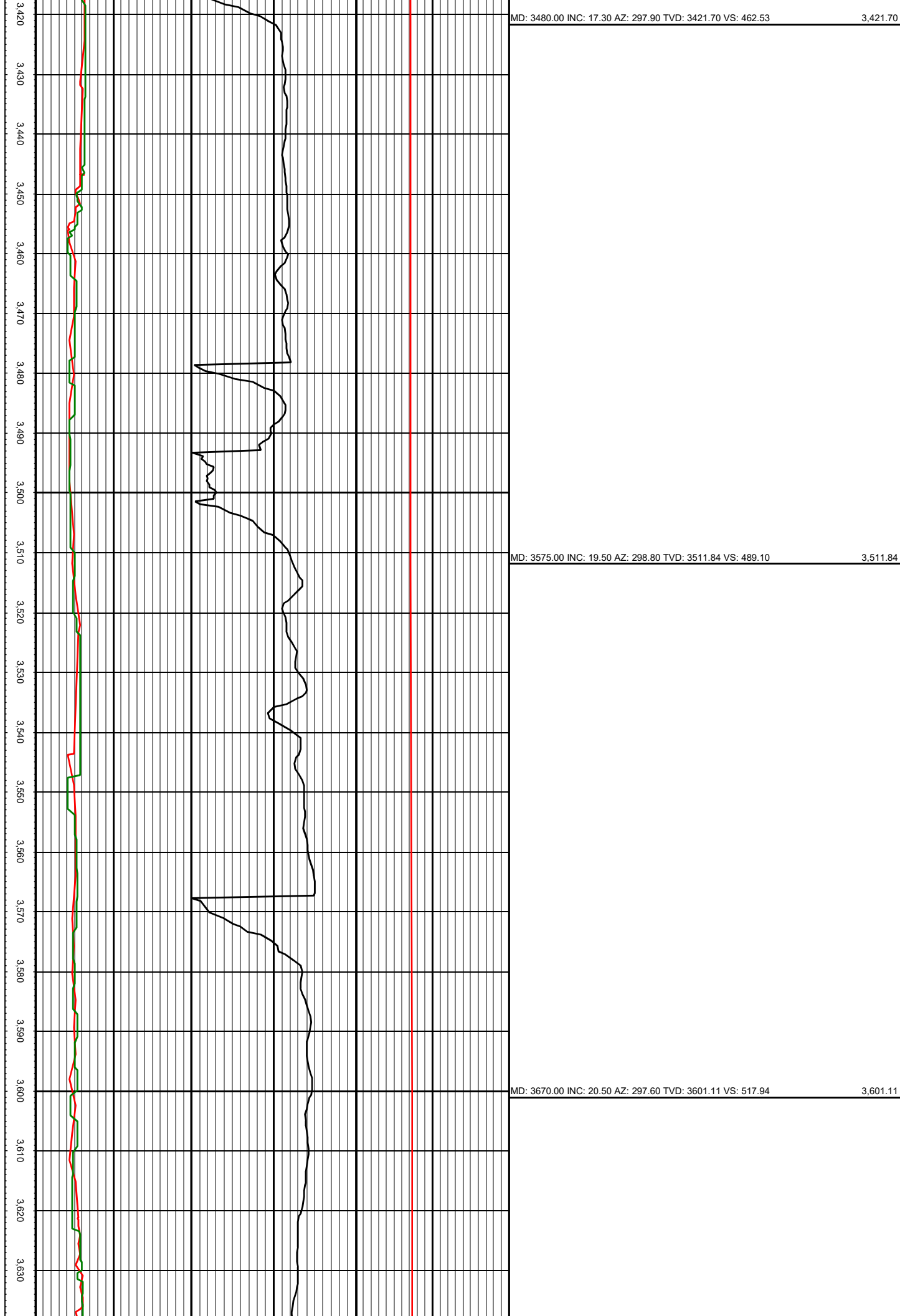


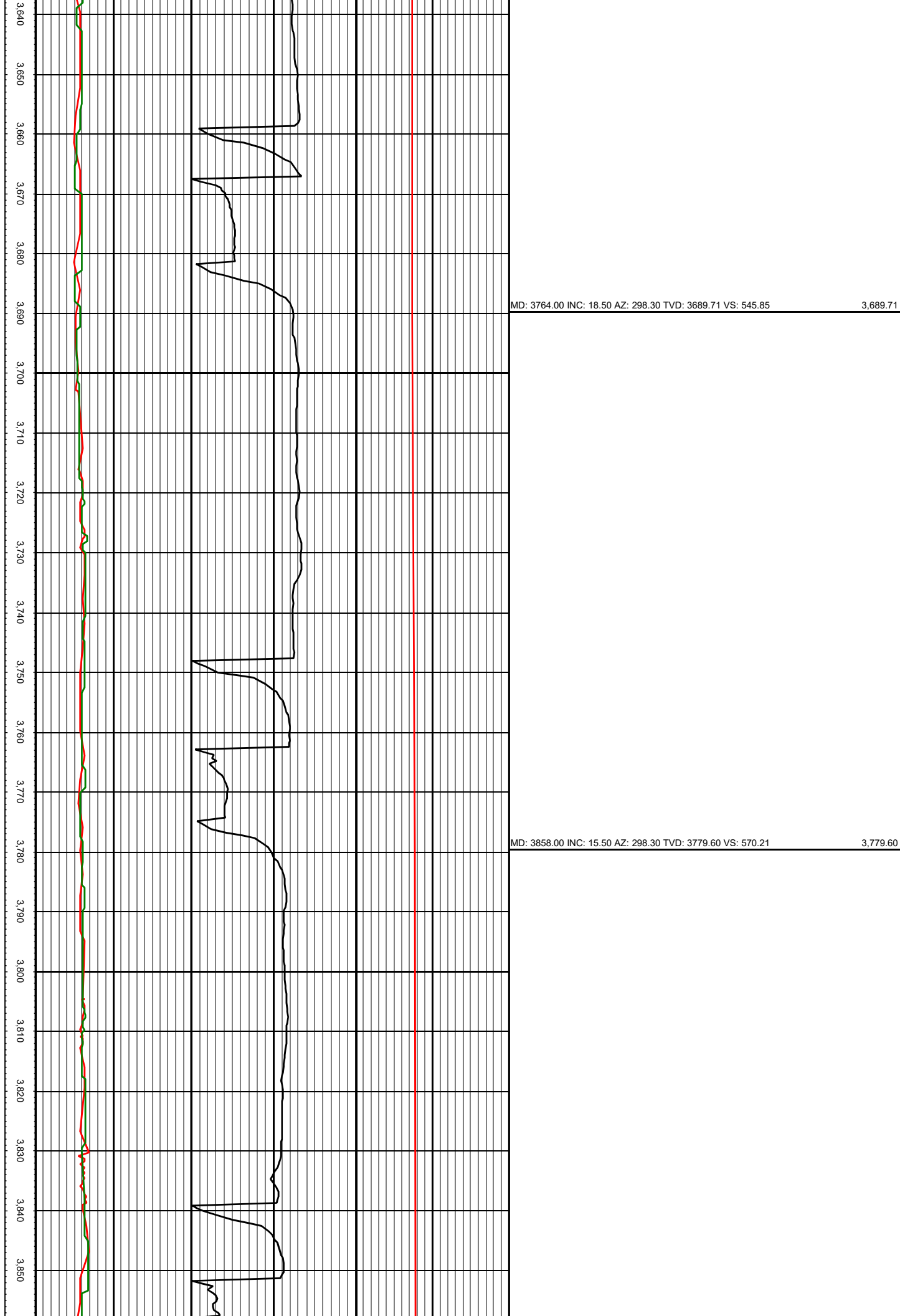
MD: 3290.00 INC: 17.30 AZ: 296.10 TVD: 3240.35 VS: 411.58

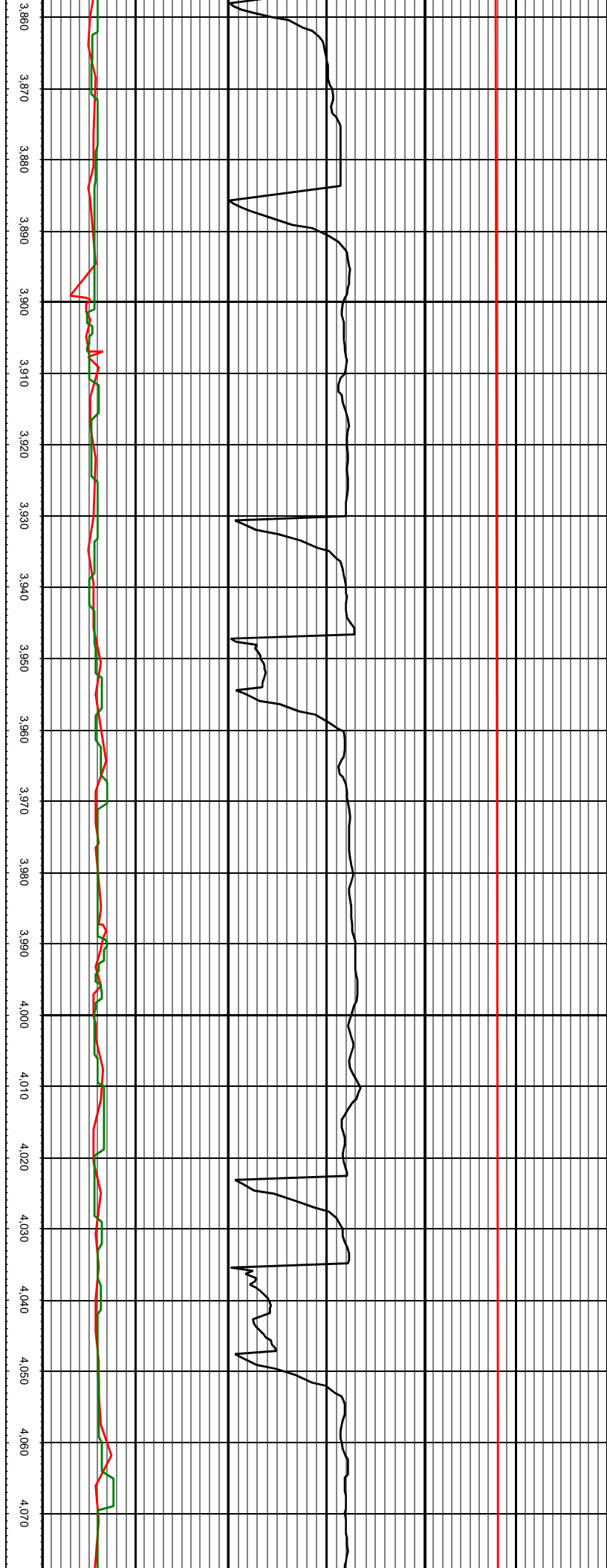
3,240.35

MD: 3385.00 INC: 17.40 AZ: 296.40 TVD: 3331.02 VS: 437.15

3,331.02







MD: 3953.00 INC: 13.60 AZ: 298.10 TVD: 3871.54 VS: 591.39

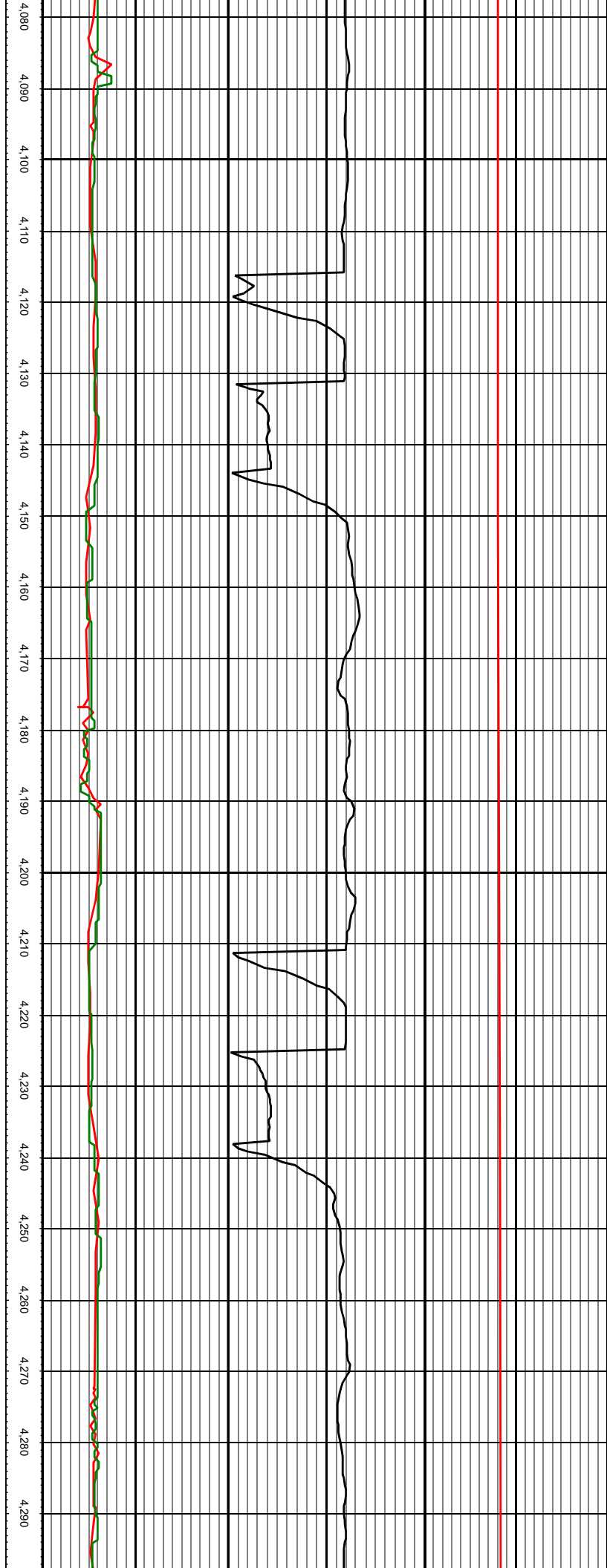
3,871.54

MD: 4047.00 INC: 12.00 AZ: 299.10 TVD: 3963.21 VS: 609.81

3,963.21

MD: 4142.00 INC: 9.80 AZ: 298.00 TVD: 4056.49 VS: 625.70

4,056.49

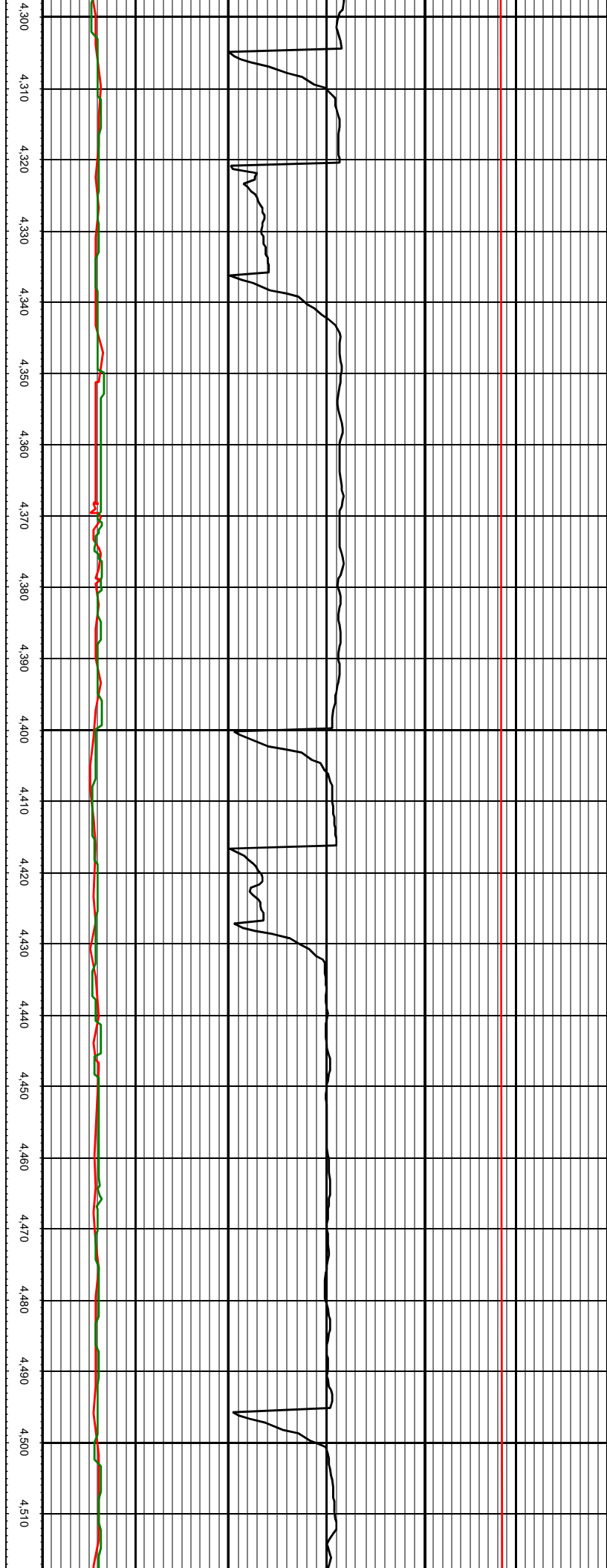


MD: 4237.00 INC: 8.00 AZ: 298.50 TVD: 4150.34 VS: 638.74

4,150.34

MD: 4331.00 INC: 6.10 AZ: 297.30 TVD: 4243.62 VS: 648.99

4,243.62

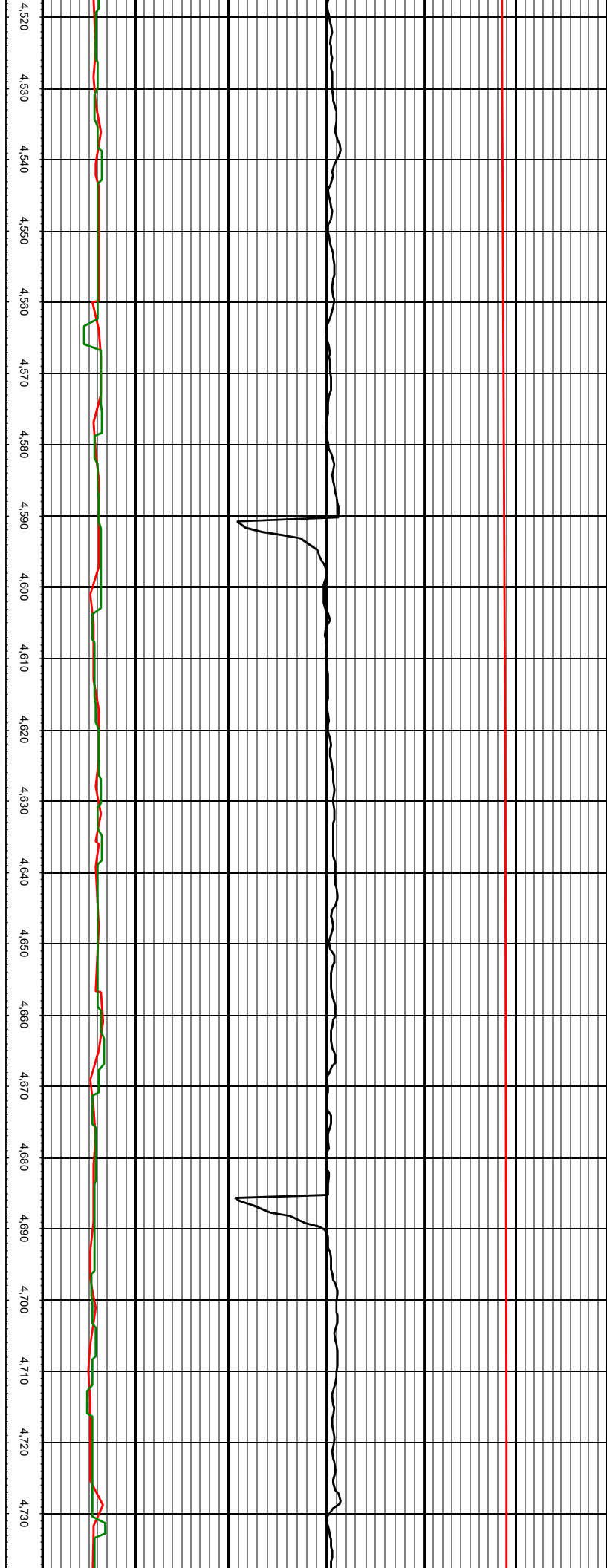


MD: 4427.00 INC: 3.60 AZ: 308.00 TVD: 4339.27 VS: 655.96

4,339.27

MD: 4522.00 INC: 1.10 AZ: 300.10 TVD: 4434.19 VS: 659.13

4,434.19



MD: 4617.00 INC: 0.50 AZ: 282.80 TVD: 4529.18 VS: 660.33

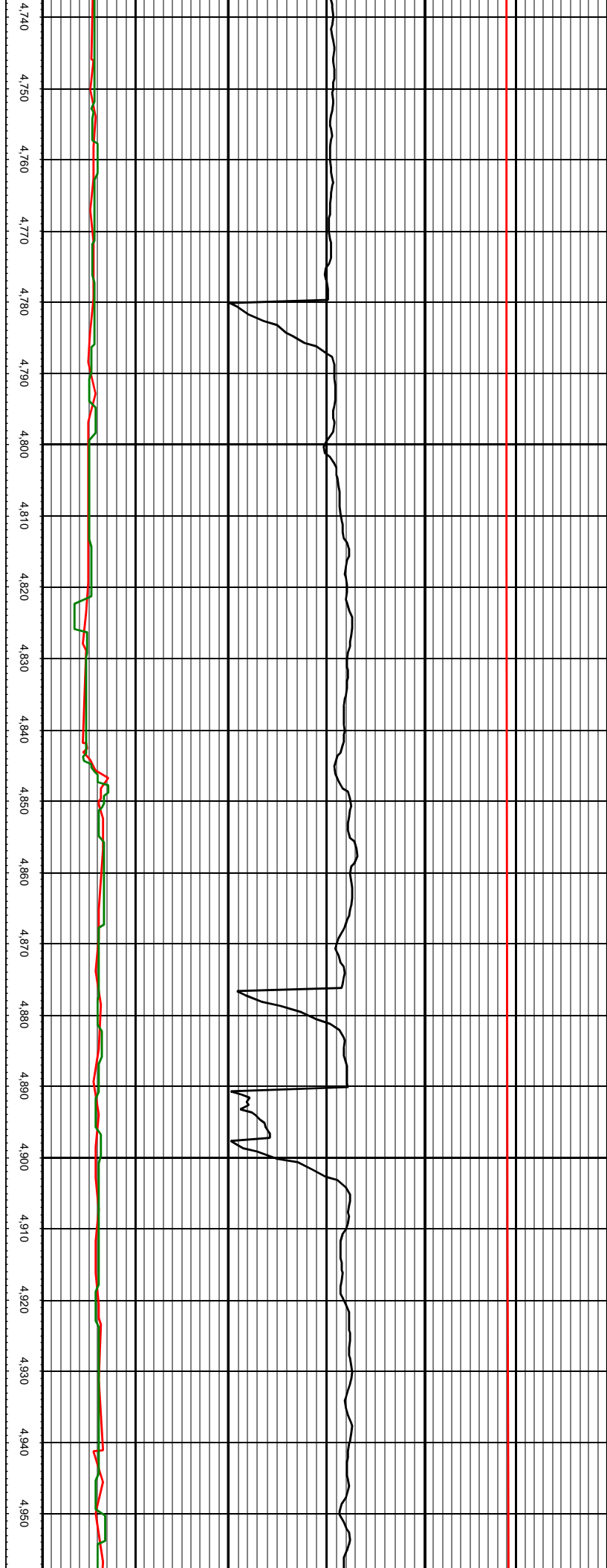
4,529.18

MD: 4712.00 INC: 0.30 AZ: 236.10 TVD: 4624.18 VS: 660.94

4,624.18

MD: 4808.00 INC: 0.40 AZ: 200.10 TVD: 4720.17 VS: 661.26

4,720.17

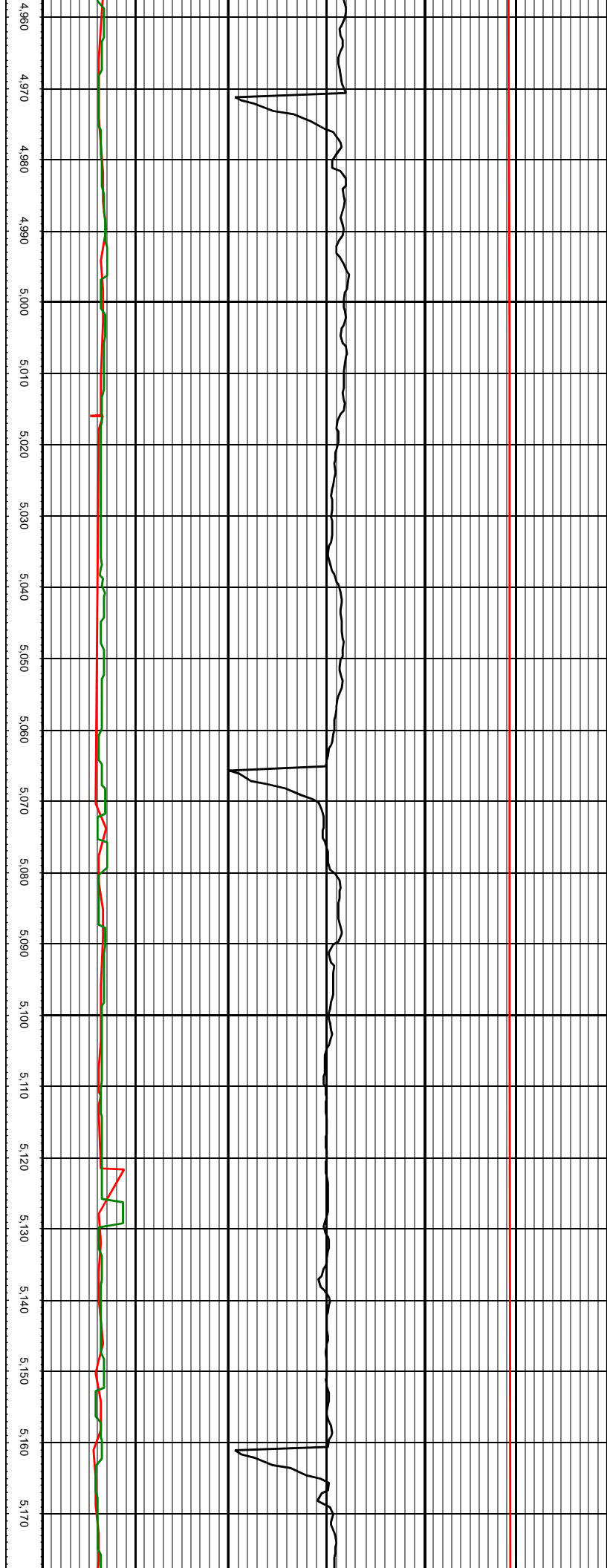


MD: 4903.00 INC: 0.60 AZ: 222.70 TVD: 4815.17 VS: 661.70

4,815.17

MD: 4998.00 INC: 0.80 AZ: 92.90 TVD: 4910.17 VS: 661.37

4,910.17

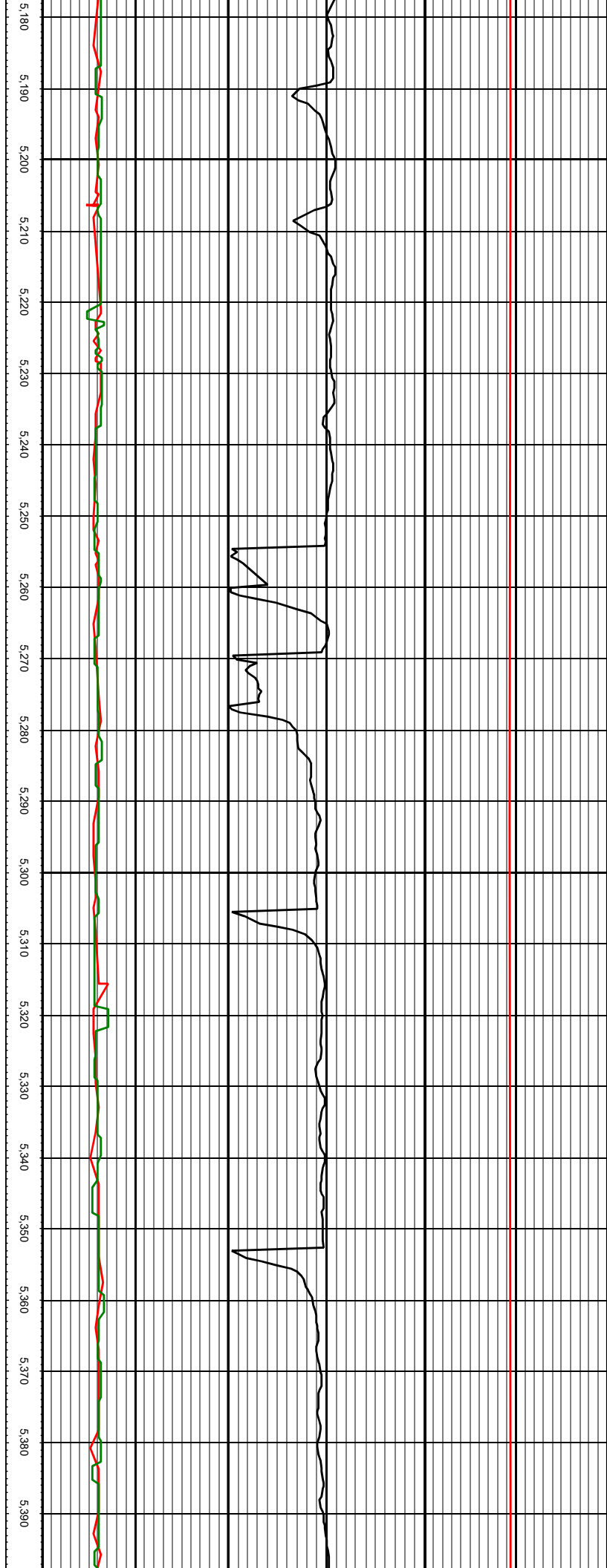


MD: 5094.00 INC: 1.10 AZ: 88.00 TVD: 5006.15 VS: 659.78

5,006.15

MD: 5189.00 INC: 1.10 AZ: 101.20 TVD: 5101.14 VS: 657.97

5,101.14



MD: 5285.00 INC: 1.40 AZ: 111.10 TVD: 5197.11 VS: 655.96

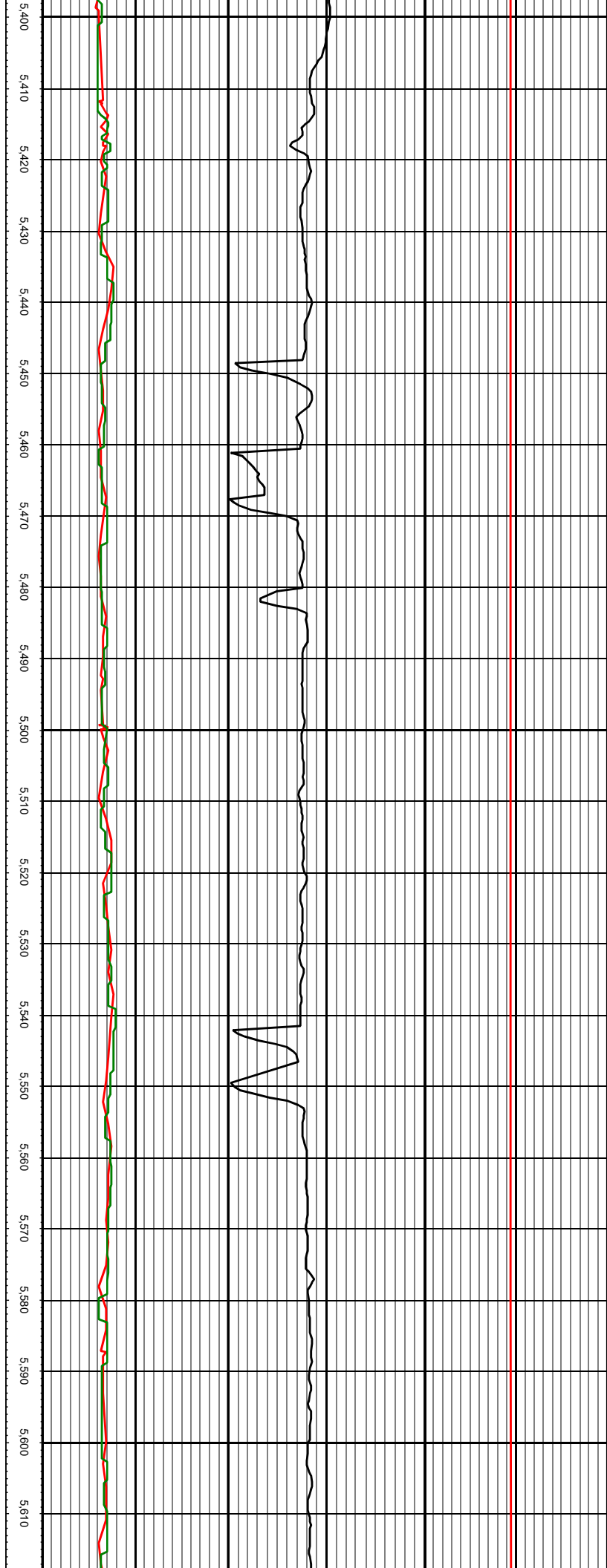
5,197.11

MD: 5381.00 INC: 1.00 AZ: 154.30 TVD: 5293.09 VS: 654.49

5,293.09

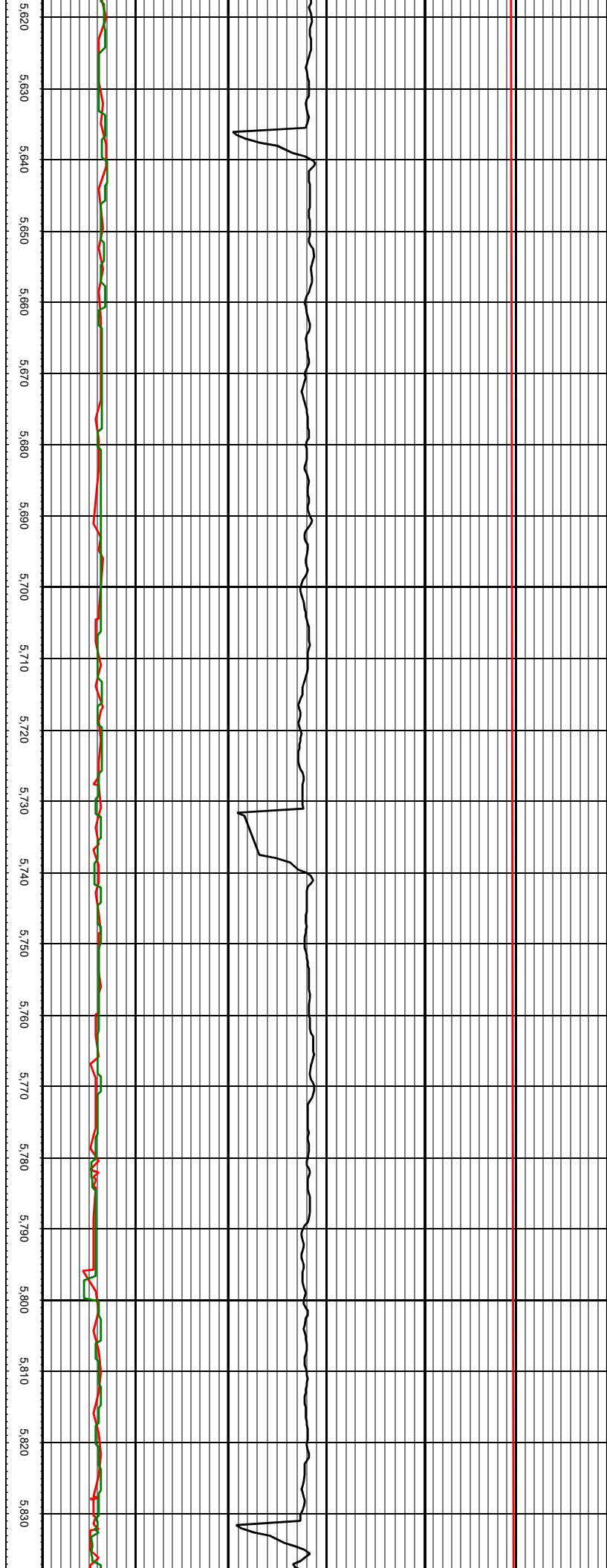
MD: 5476.00 INC: 1.20 AZ: 144.50 TVD: 5388.08 VS: 653.53

5,388.08



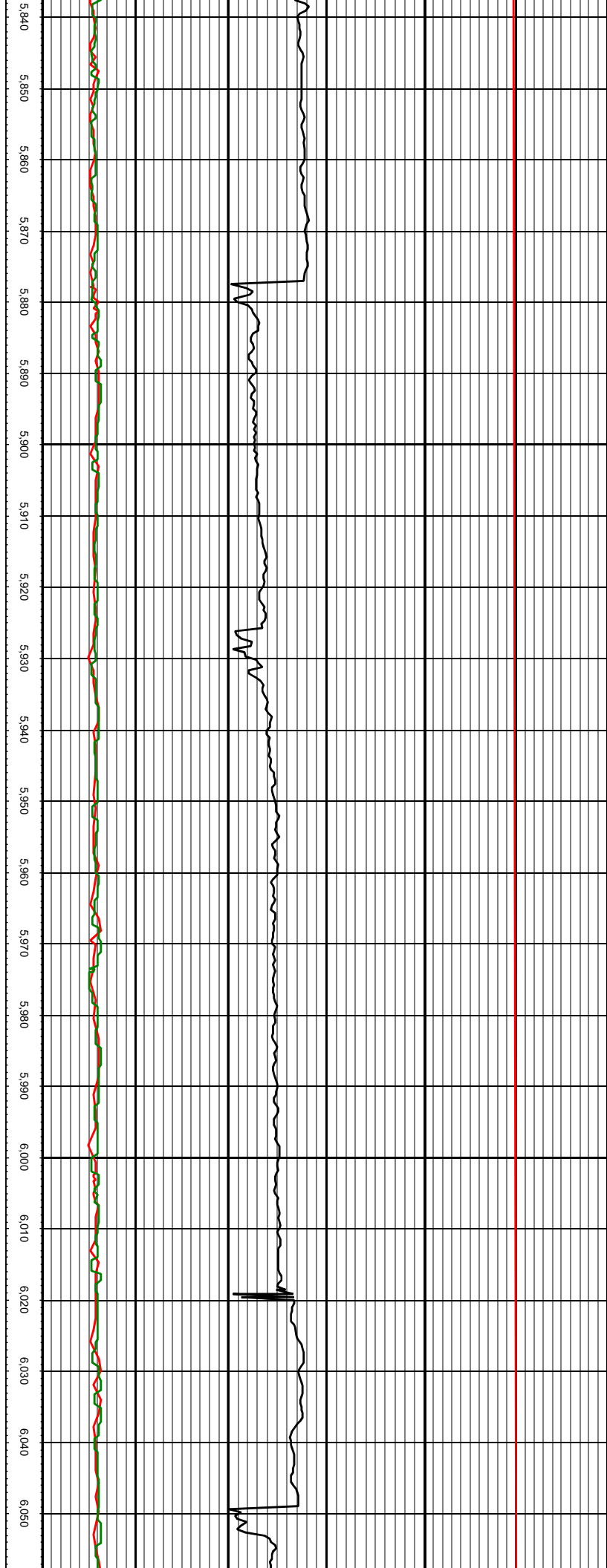
MD: 5571.00 INC: 0.40 AZ: 83.50 TVD: 5483.07 VS: 652.62 5,483.07

MD: 5667.00 INC: 0.60 AZ: 106.50 TVD: 5579.06 VS: 651.80 5,579.06



MD: 5763.00 INC: 1.00 AZ: 113.60 TVD: 5675.05 VS: 650.54 5,675.05

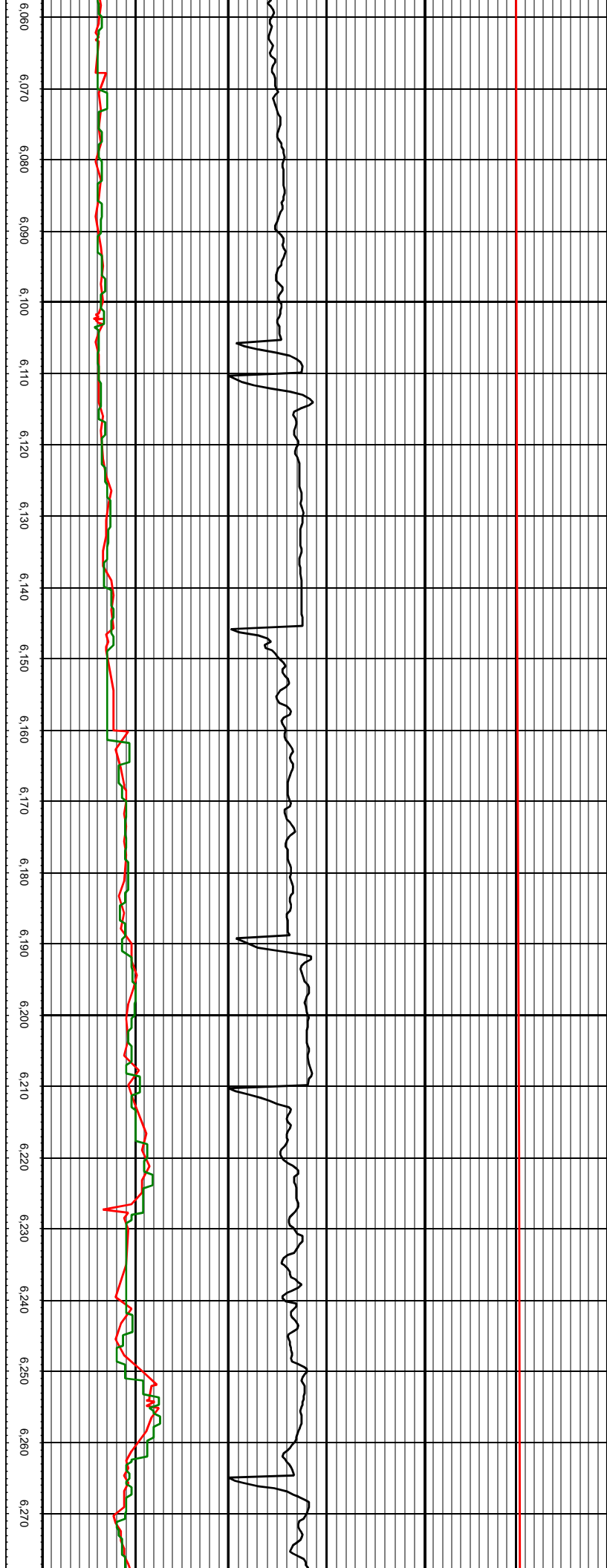
MD: 5858.00 INC: 1.10 AZ: 82.60 TVD: 5770.04 VS: 648.88 5,770.04



MD: 5952.00 INC: 1.00 AZ: 67.50 TVD: 5864.02 VS: 647.23 5,864.02

MD: 6046.00 INC: 10.90 AZ: 277.30 TVD: 5957.50 VS: 655.34 5,957.50

MD: 6141.00 INC: 20.30 AZ: 282.70 TVD: 6048.90 VS: 680.44 6,048.90



MD: 6237.00 INC: 26.80 AZ: 279.20 TVD: 6136.86 VS: 718.18 6,136.86

MD: 6332.00 INC: 34.80 AZ: 270.20 TVD: 6218.44 VS: 766.58 6,218.44

