



Build & Lateral

Job #:

185248

Well ID:

16191025

Scale:

5" = 100 ft

Type:

MD

Well Site Information

Oil CompanyCrestone Peak Resources

Surface LocationS4-T2N-R66W

Well NameDAVIS 1G-9H-G266

API05-123-46507-00

FieldDJ BASIN

StateCO

CountryUSA

Surface Coordinates

Well TypeHorizontal

Latitude40° 9' 16 N

Longitude104° 46' 40 W

N / S Coordinates1,299,953.77 us/ft

E / W Coordinates3,201,855.19 us/ft

Azimuth ReferenceTrue North

Grid Convergence0.47°

MWD Engineers

Lead HandBob Stahlecker

Second HandKyle Regan

Perm DatumGroundElevation4,917.00 ft

Log depth measured from KB is23.00 ftabove perm datum.KB = 4,940.00 ft

Total Depth14,779.00 ftSpud DateAug/19/2018End DateAug/22/2018

(MD) Log IntervalStart Depth2,090.00 ftEnd Depth14,779.20 ft

Bore Hole Record

Hole SizeFromTo

13.50 in0.00 ft2,203.00 ft

8.50 in2,203.00 ft14,779.00 ft

Casing Record

TypeSizeWGTFromTo

LT&C9.63 in40.00 lbs/ft0.00 ft2,203.00 ft

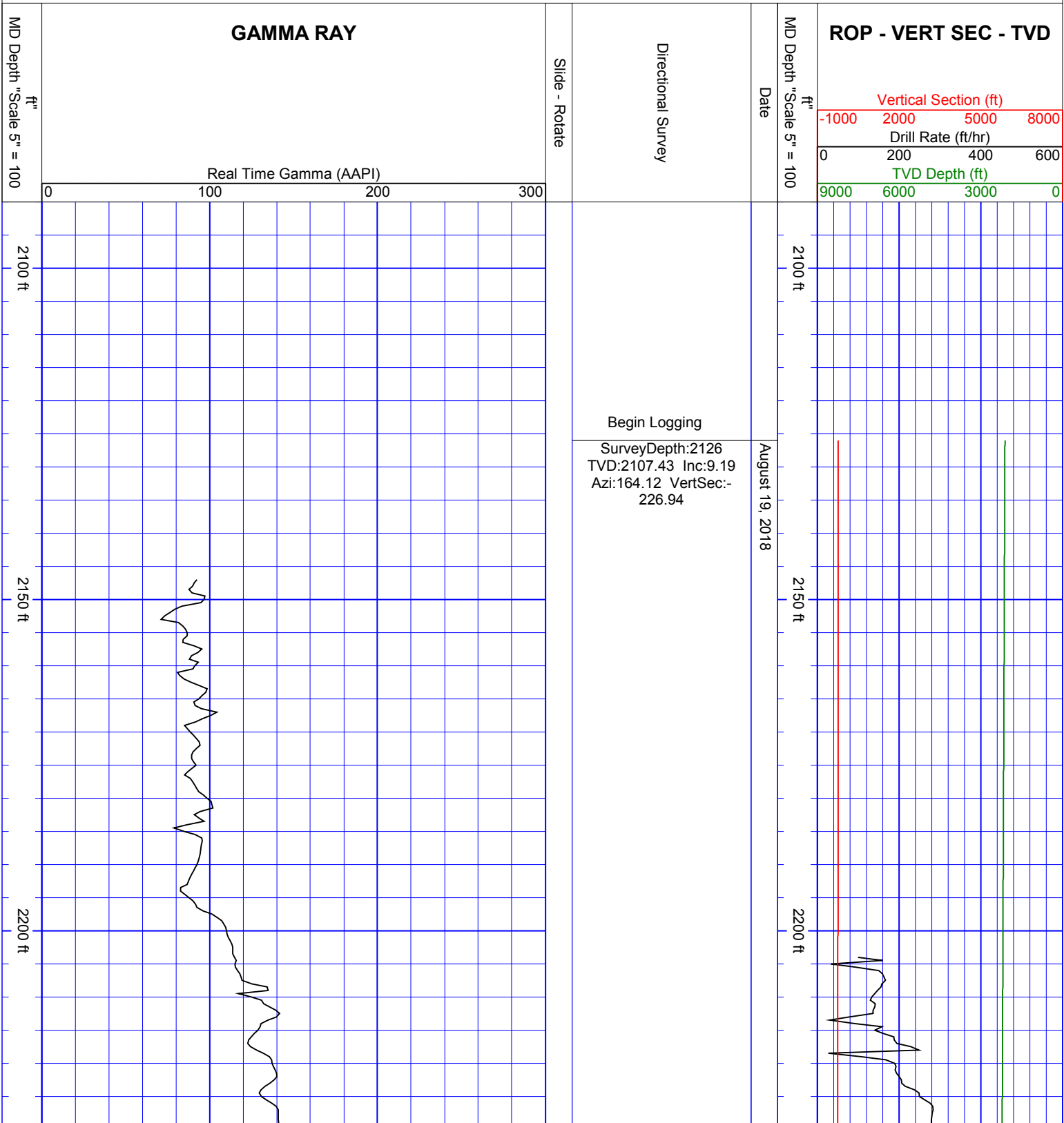
DWC5.50 in20.00 lbs/ft0.00 ft14,779.00 ft

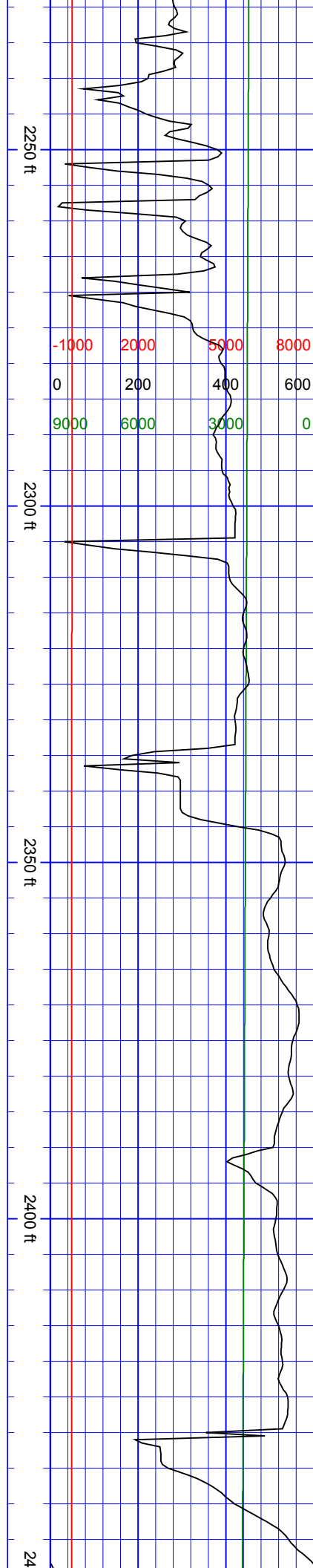
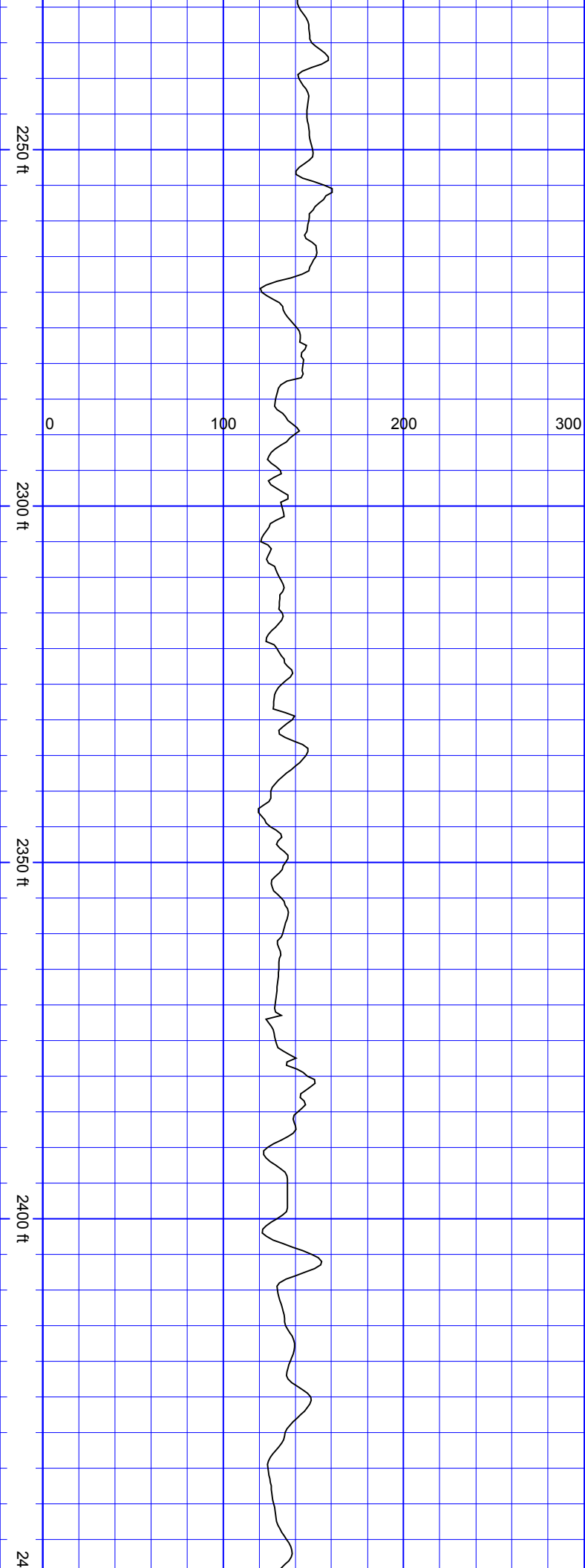
Run Data

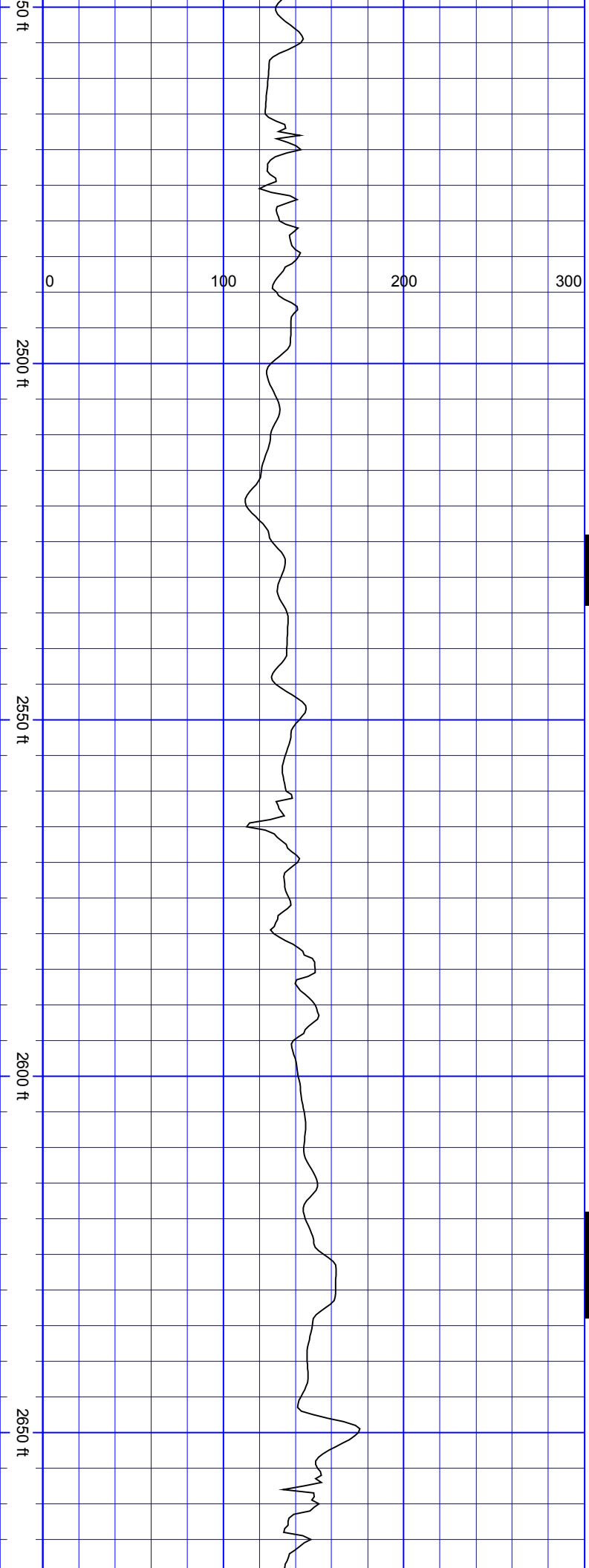
Bit Run Number	1				
Start Date & Time	Aug/19/2018 11:30:00				
End Date & Time	Aug/22/2018 19:30:00				
Run Hours	80.00				
Depth In	2,203.00 ft				
Depth Out	14,779.00 ft				
Total Gamma Correction	5.60				
Gamma to Bit	58.69 ft				
Resistivity to Bit	-				
Mud Type	Oil Base				
Density	10.10 ppg				
Viscosity	49.00 sec/qt				
PH	-				
Fluid Loss	-				
K+ ppm	-				
CL- ppm	250,324.00 ppm				
Max Mud Temp	258.00 °F				
Mud Report Depth	13,980.00 ft				

Remarks

Interpretations of this data by Cathedral Energy Services will be of best judgment as to correctness. Cathedral Energy Services cannot and does not guarantee the accuracy or correctness of interpretations or any surveys derived therefrom. Cathedral Energy Services makes no warranties of performance, results, fitness or suitability for any particular purposes with respect to the goods being furnished under the terms and conditions. Cathedral Energy Services warrants that the equipment furnished will conform to Cathedral Energy Services published specifications in effect at the time and be in good working order.



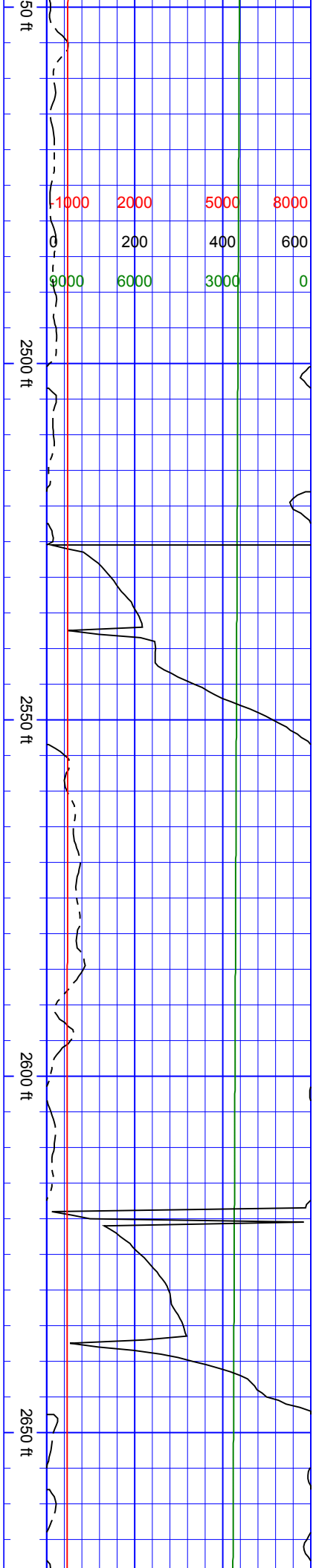


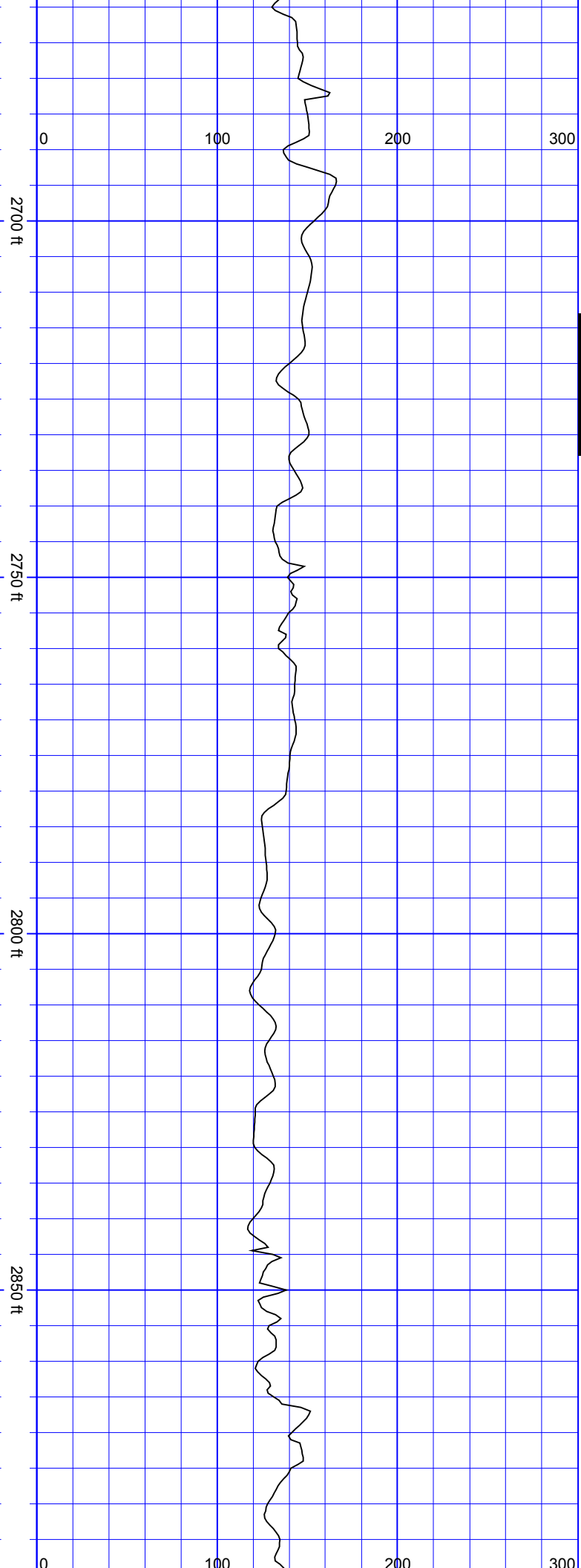


SurveyDepth:2460
TVD:2437.73 Inc:7.12
Azi:154.42 VertSec:-
271.57

SurveyDepth:2555
TVD:2531.89 Inc:8.09
Azi:154.77 VertSec:-
282.66

SurveyDepth:2649
TVD:2624.85 Inc:9.01
Azi:153.9 VertSec:-
294.95

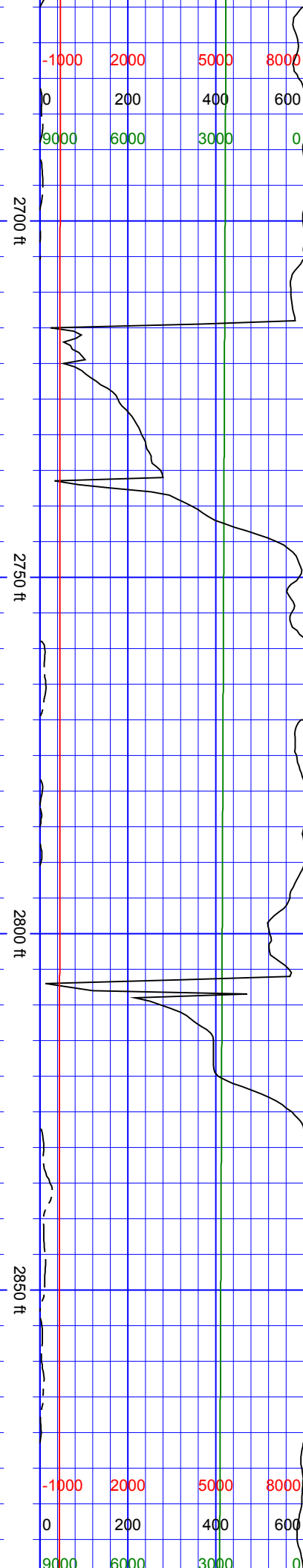


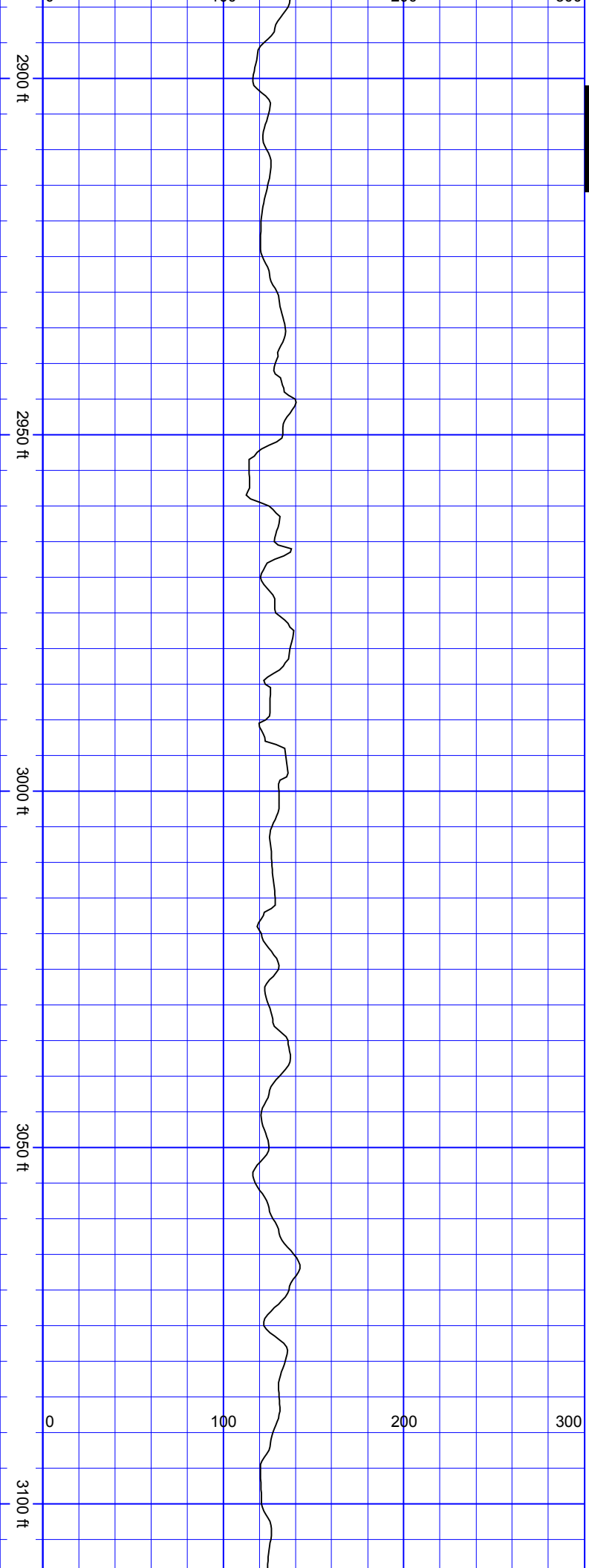


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SurveyDepth:2743
TVD:2717.58 Inc:9.89
Azi:163.91 VertSec:-
309.04

SurveyDepth:2837
TVD:2810.26 Inc:9.32
Azi:163.04 VertSec:-
323.85

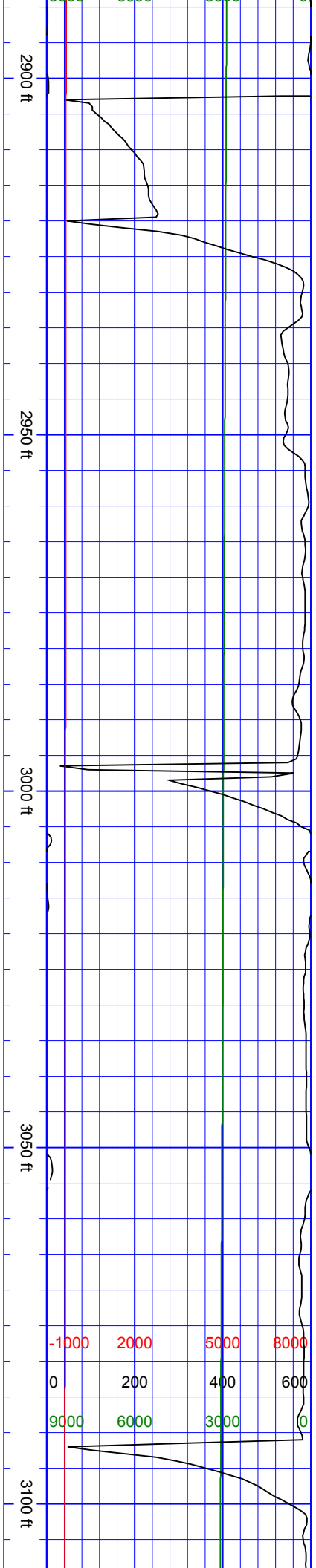


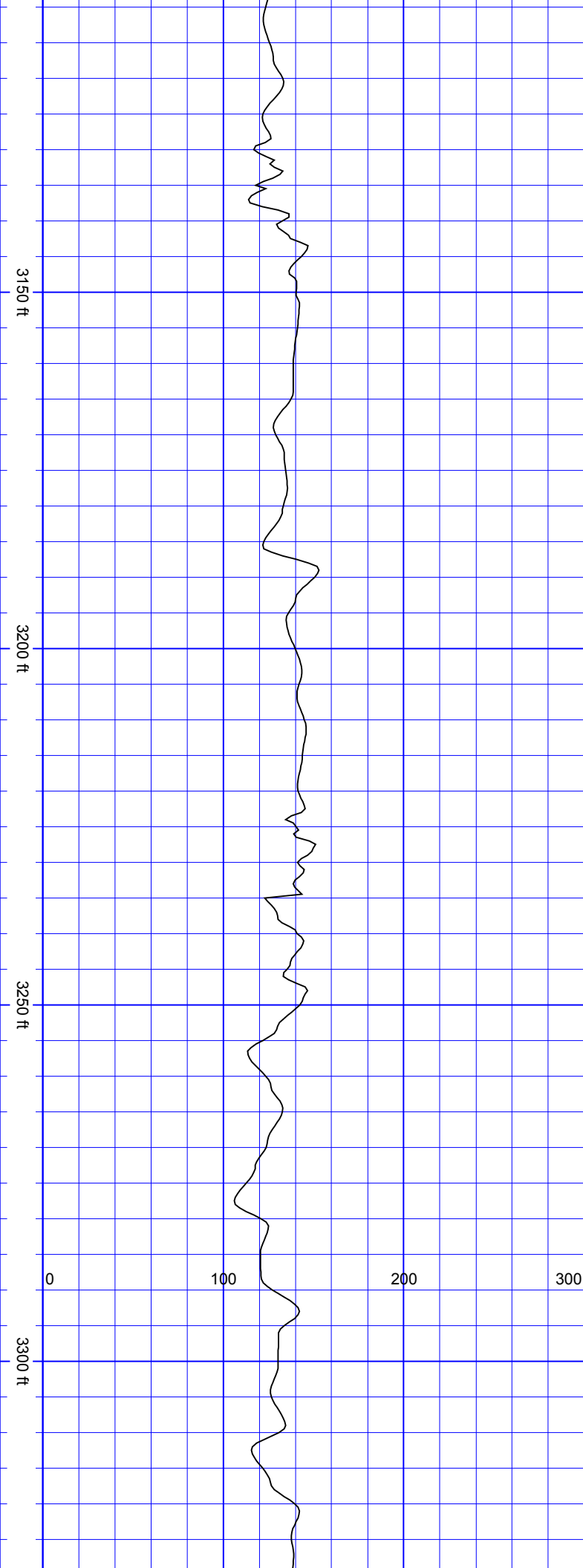


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SurveyDepth:2932
TVD:2903.63 Inc:11.91
Azi:162.77 VertSec:-
340.31

SurveyDepth:3026
TVD:2995.77 Inc:10.9
Azi:162.24 VertSec:-
357.76

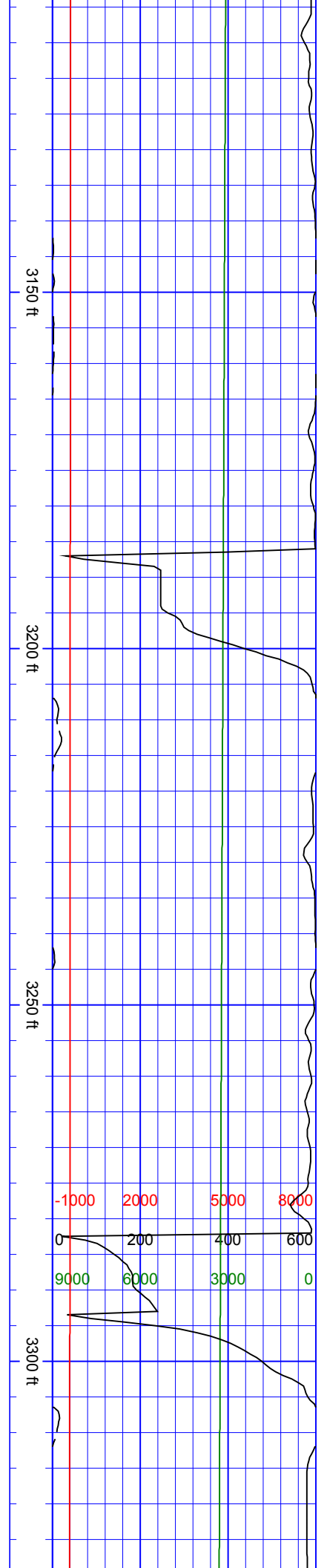


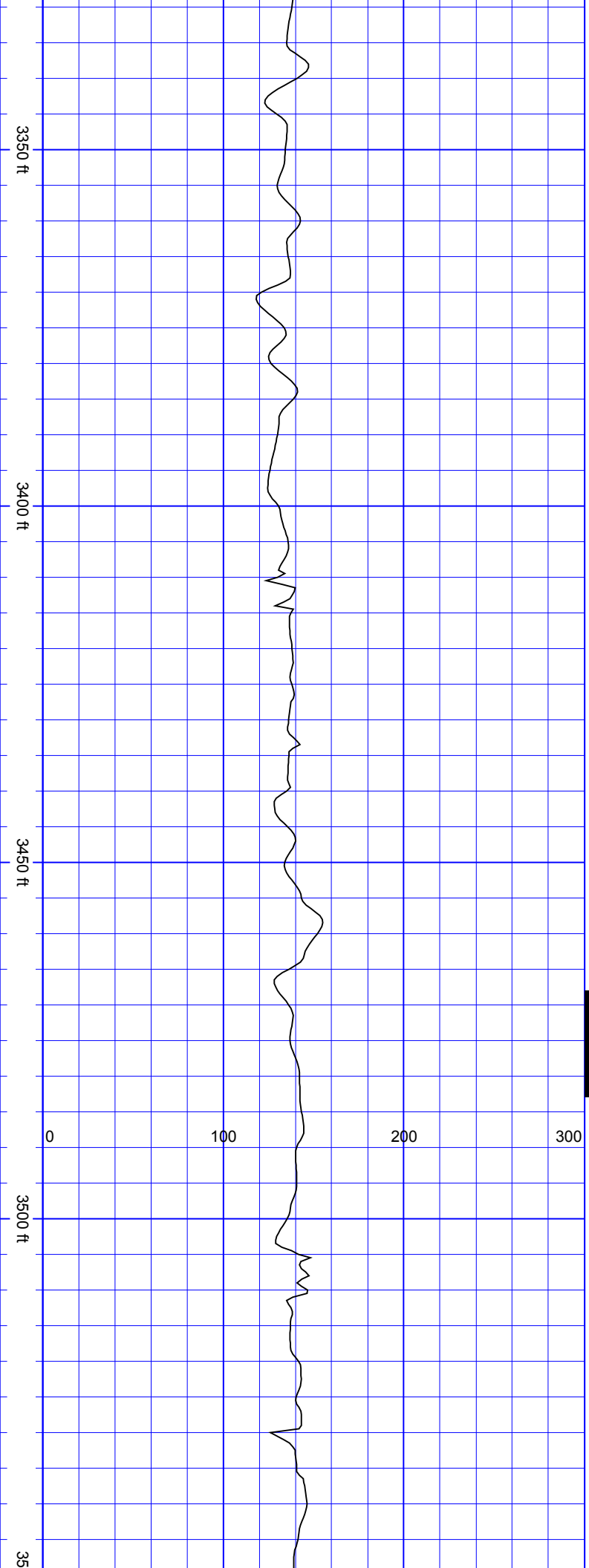


SurveyDepth:3121
TVD:3089.19 Inc:10.02
Azi:162.16 VertSec:-
373.91

SurveyDepth:3215
TVD:3181.92 Inc:8.79
Azi:163.21 VertSec:-
388.34

SurveyDepth:3310
TVD:3275.75 Inc:9.27
Azi:155.57 VertSec:-
401.99

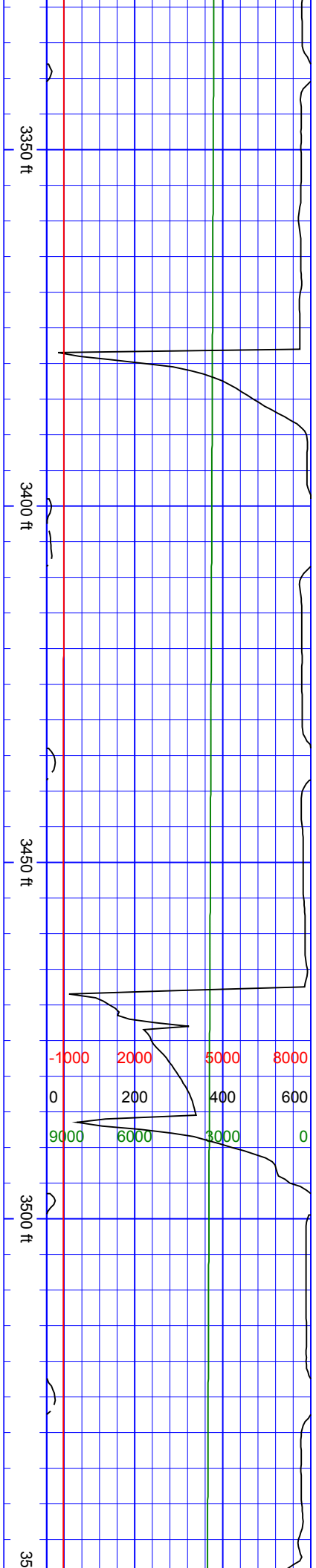


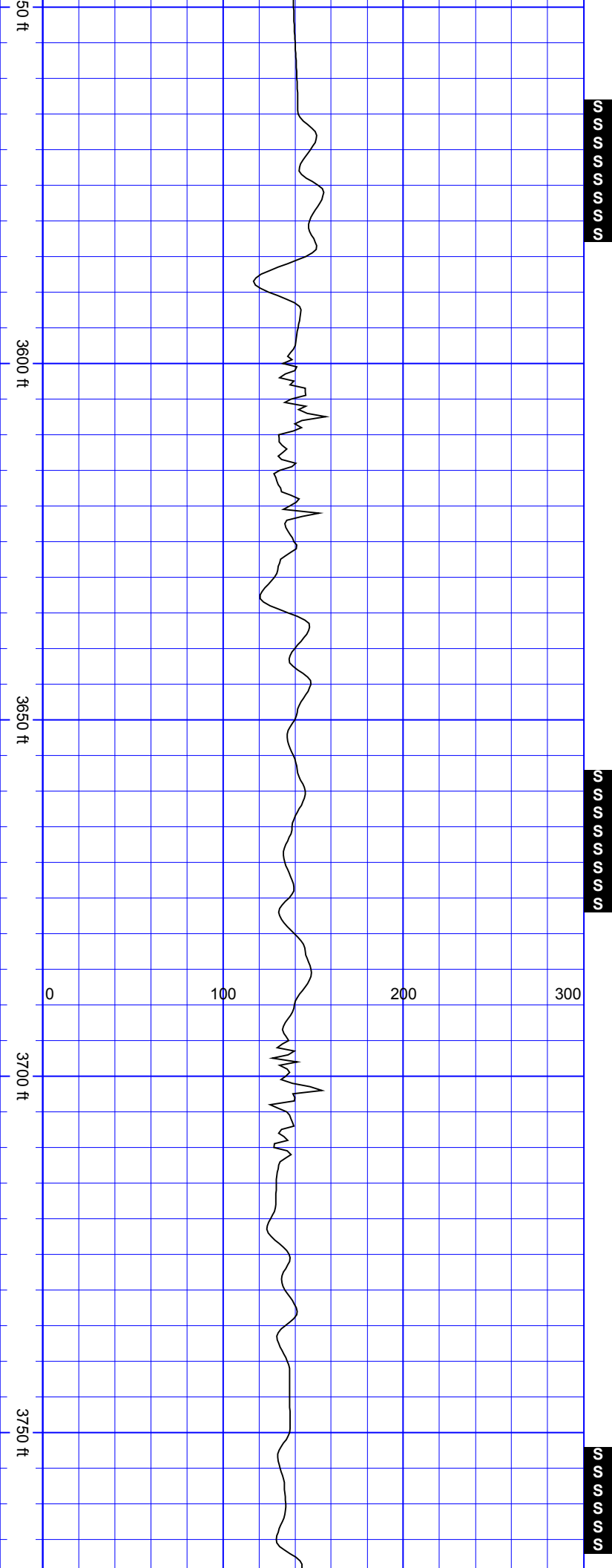


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SurveyDepth:3404
TVD:3368.73 Inc:7.6
Azi:156.36 VertSec:-
414.3

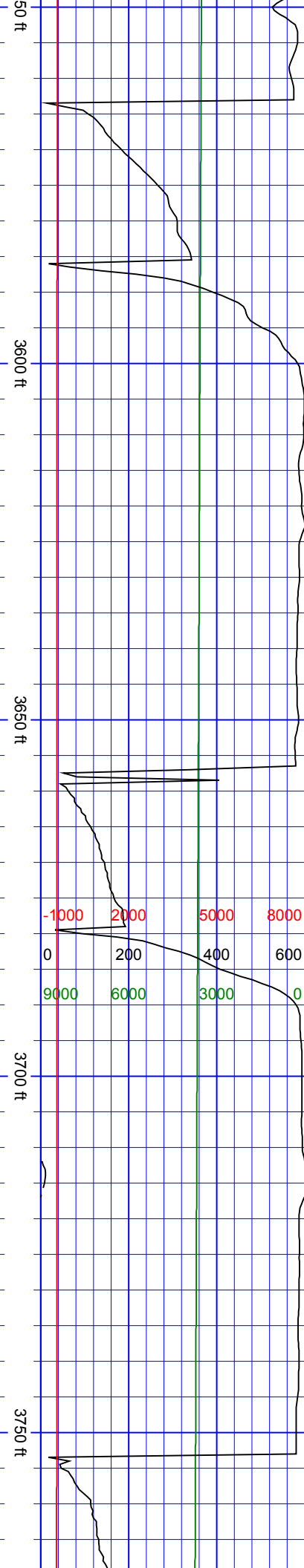
SurveyDepth:3499
TVD:3462.93 Inc:7.3
Azi:149.5 VertSec:-
424.98

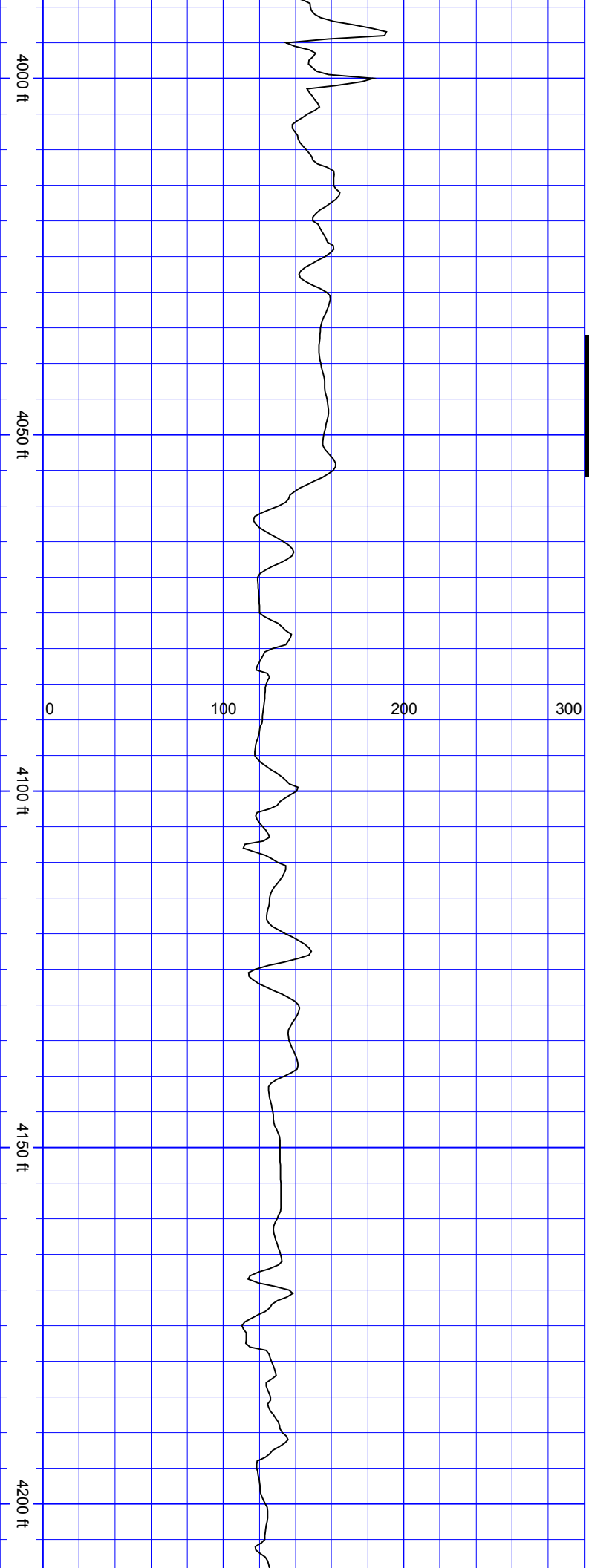




SurveyDepth:3593
TVD:3556.34 Inc:5.58
Azi:131.48 VertSec:-
432.84

SurveyDepth:3688
TVD:3650.64 Inc:8.26
Azi:139.13 VertSec:-
440.68

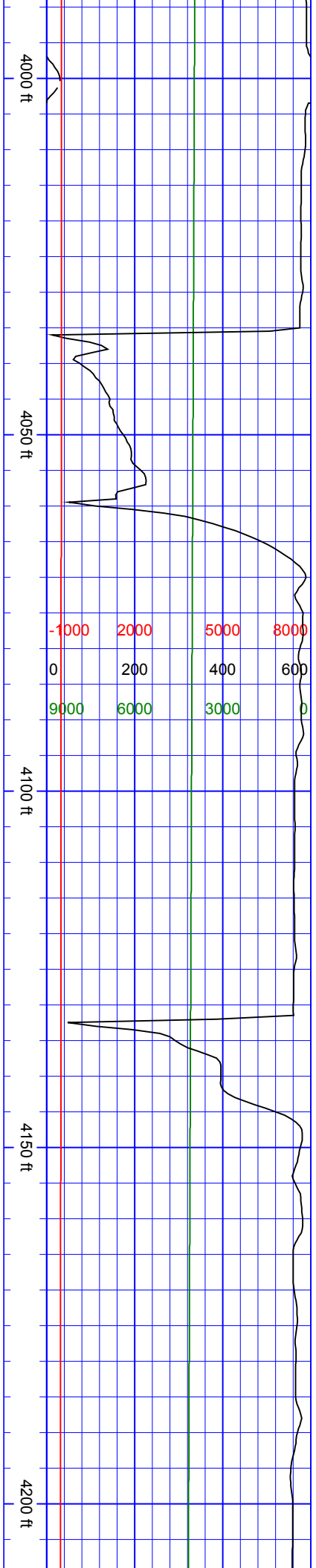


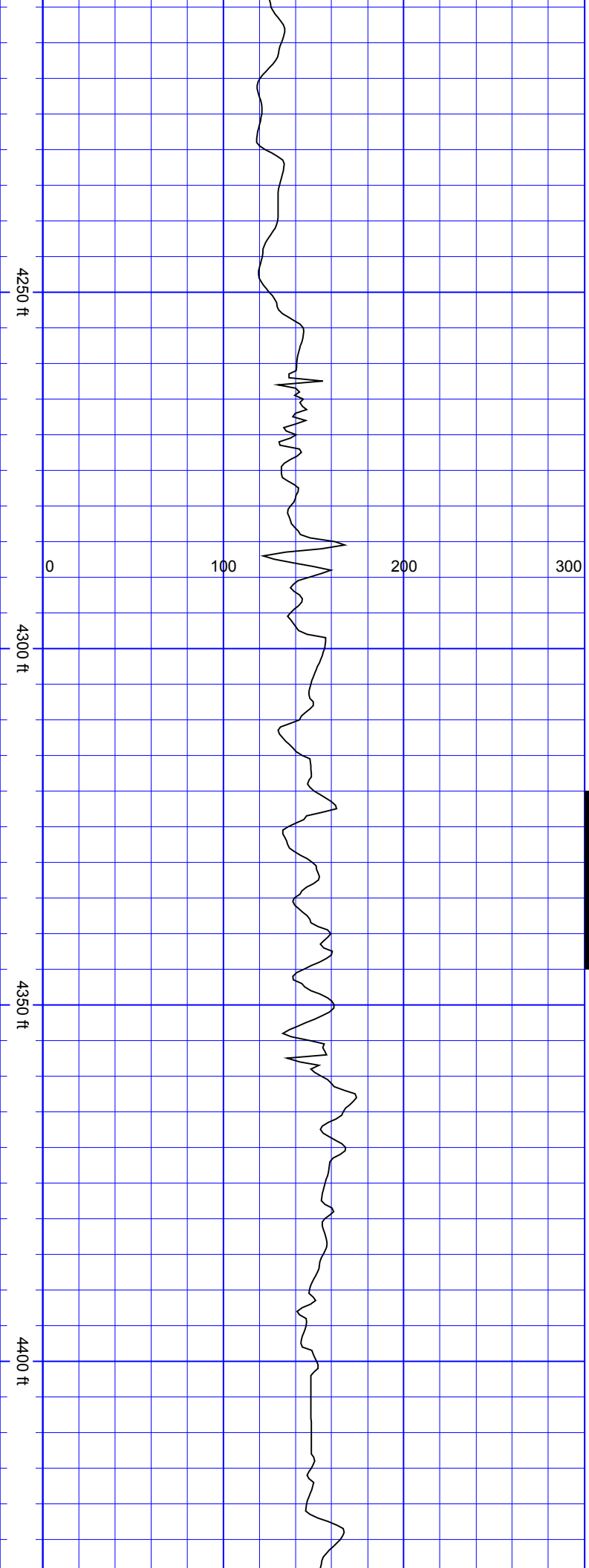


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SurveyDepth:4066
TVD:4023.15 Inc:11.6
Azi:163.39 VertSec:-
497.07

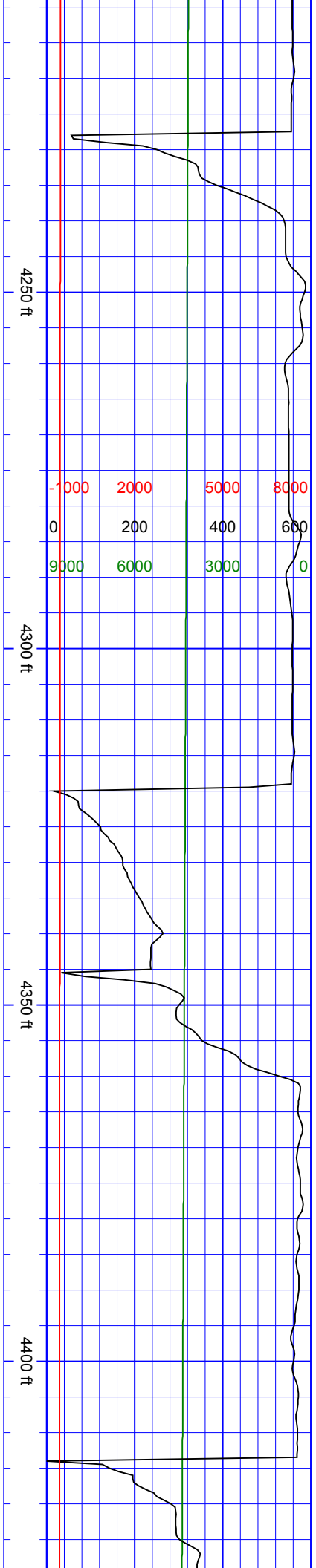
SurveyDepth:4161
TVD:4116.31 Inc:10.94
Azi:164.18 VertSec:-
514.63

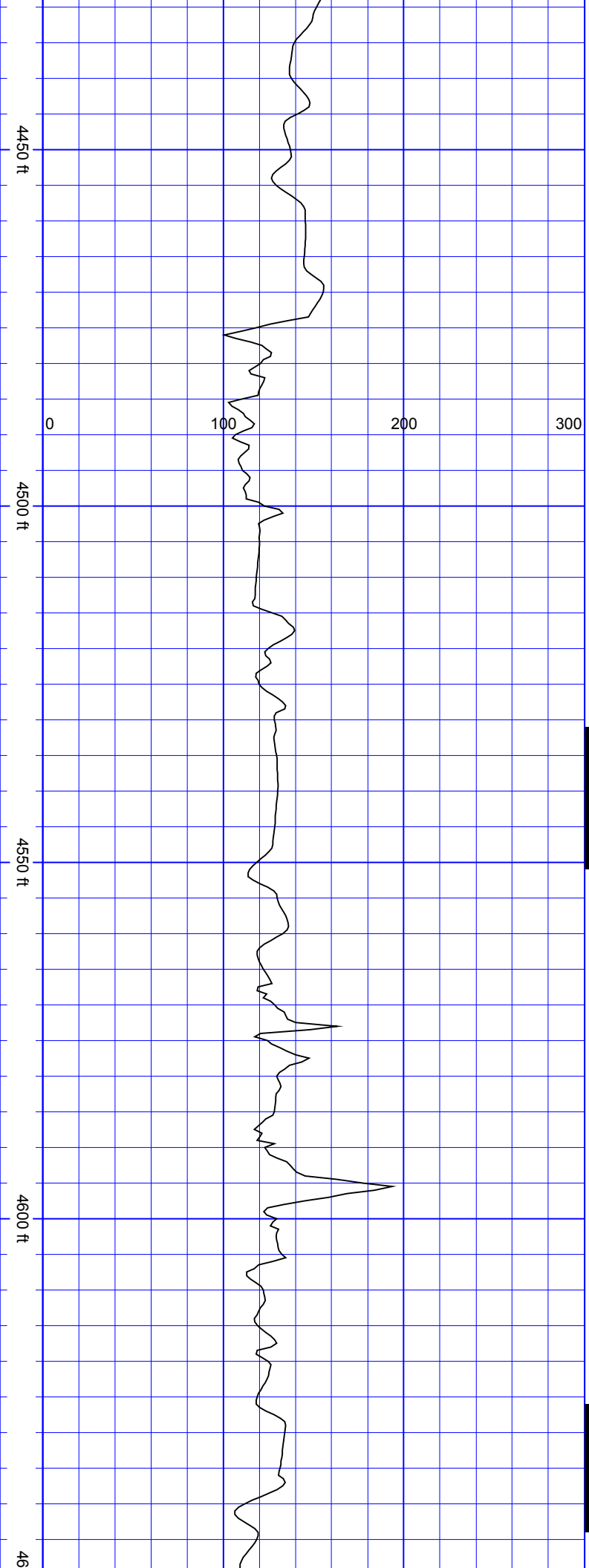




SurveyDepth:4256
TVD:4209.75 Inc:9.89
Azi:165.5 VertSec:-
530.97

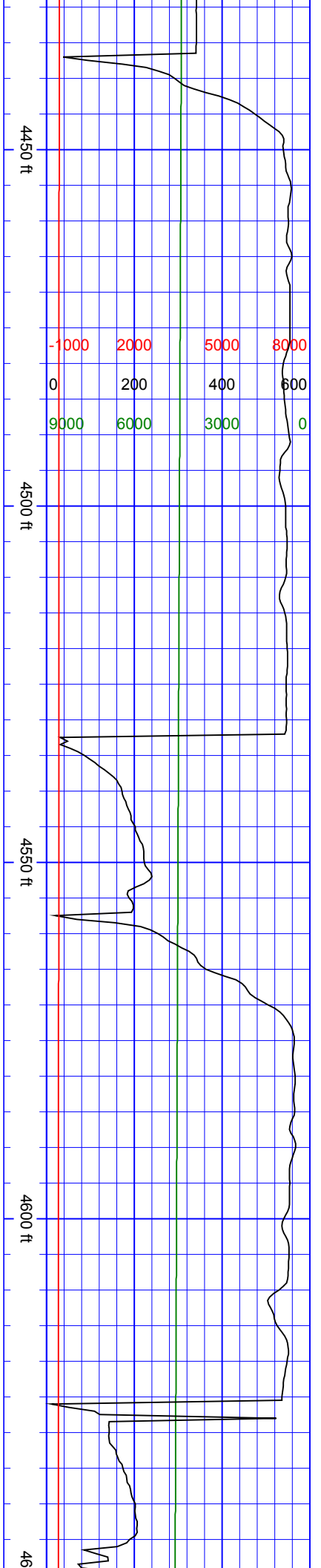
SurveyDepth:4373
TVD:4324.86 Inc:10.77
Azi:154.42 VertSec:-
550.2

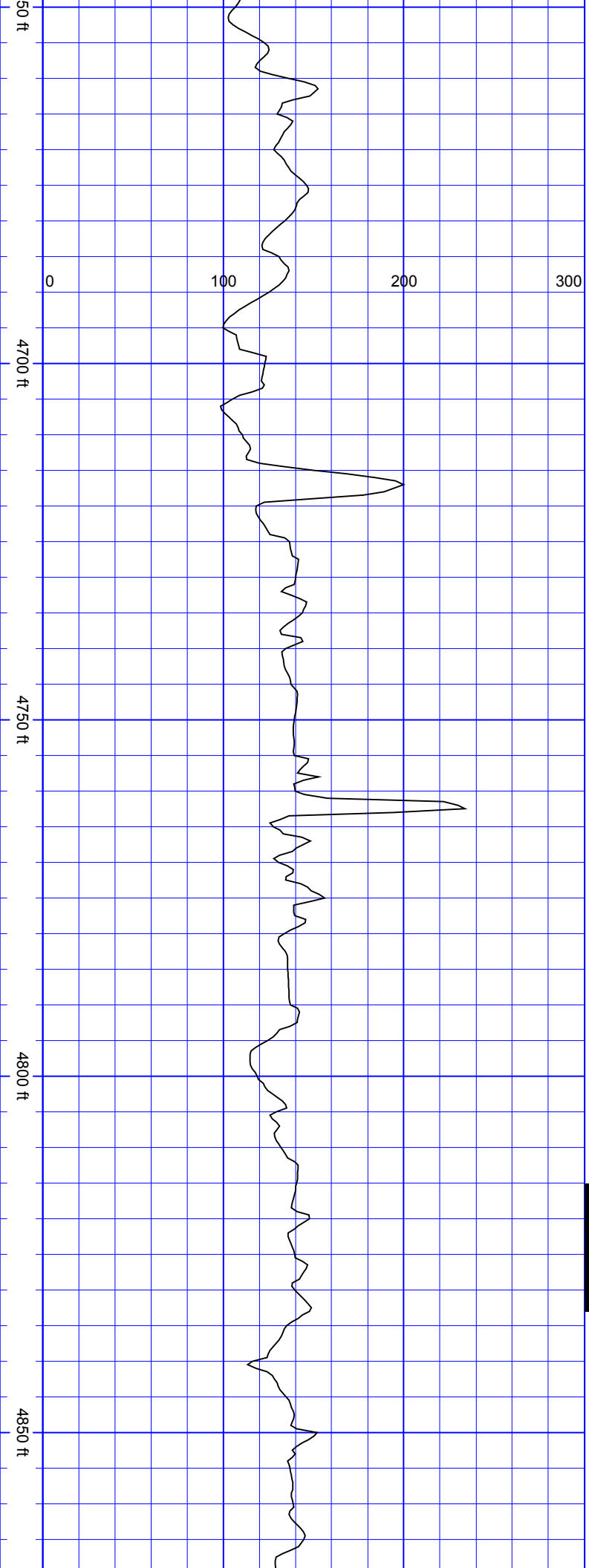




SurveyDepth:4467
TVD:4417.52 Inc:8.57
Azi:150.03 VertSec:-
563.83

SurveyDepth:4562
TVD:4511.22 Inc:10.42
Azi:157.76 VertSec:-
577.58



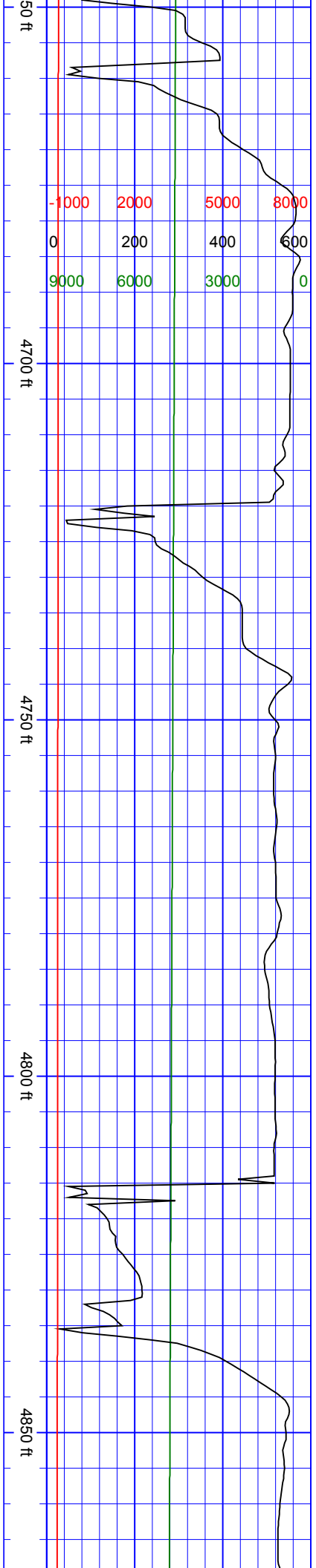


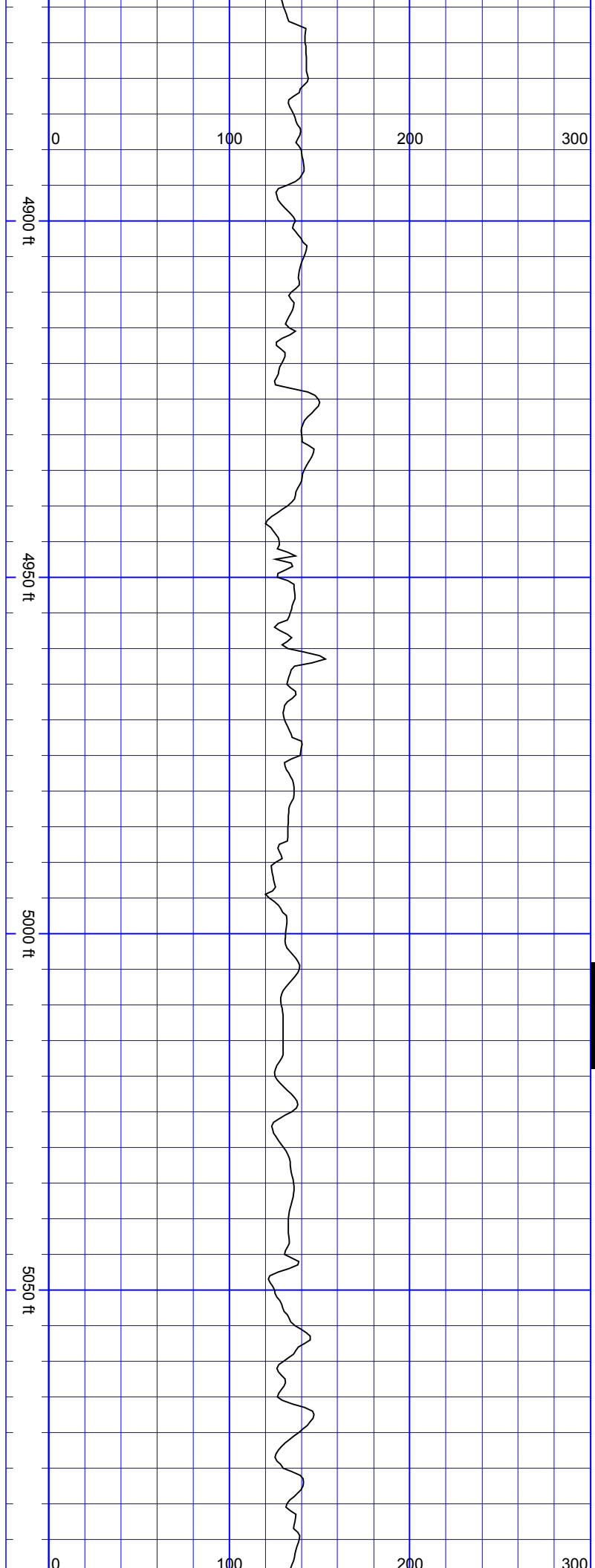
SurveyDepth:4656
TVD:4603.51 Inc:11.47
Azi:162.16 VertSec:-
594.04

SurveyDepth:4751
TVD:4696.76 Inc:10.55
Azi:157.15 VertSec:-
610.73

SurveyDepth:4846
TVD:4789.86 Inc:12.44
Azi:163.65 VertSec:-
628.25

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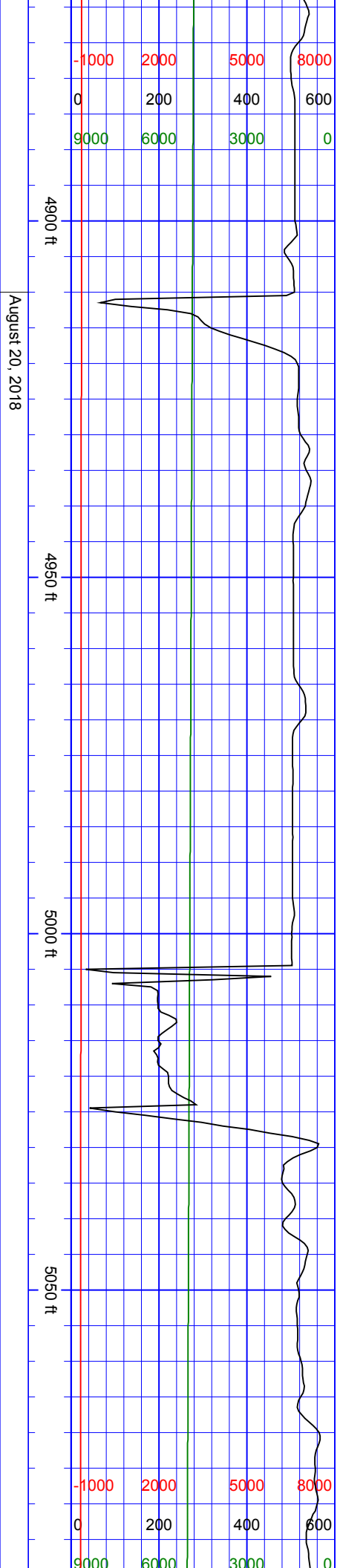


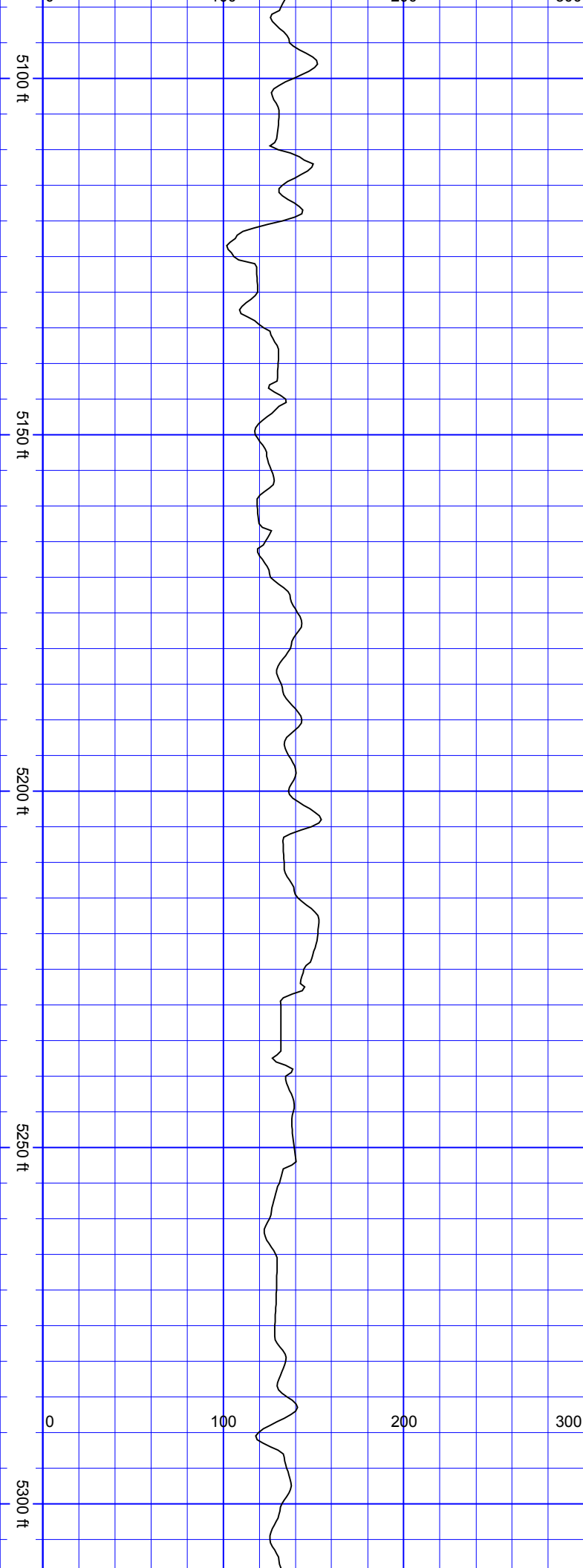


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SurveyDepth:4940
TVD:4881.91 Inc:10.94
Azi:161.54 VertSec:-
646.13

SurveyDepth:5034
TVD:4974.24 Inc:10.68
Azi:159.52 VertSec:-
662.46

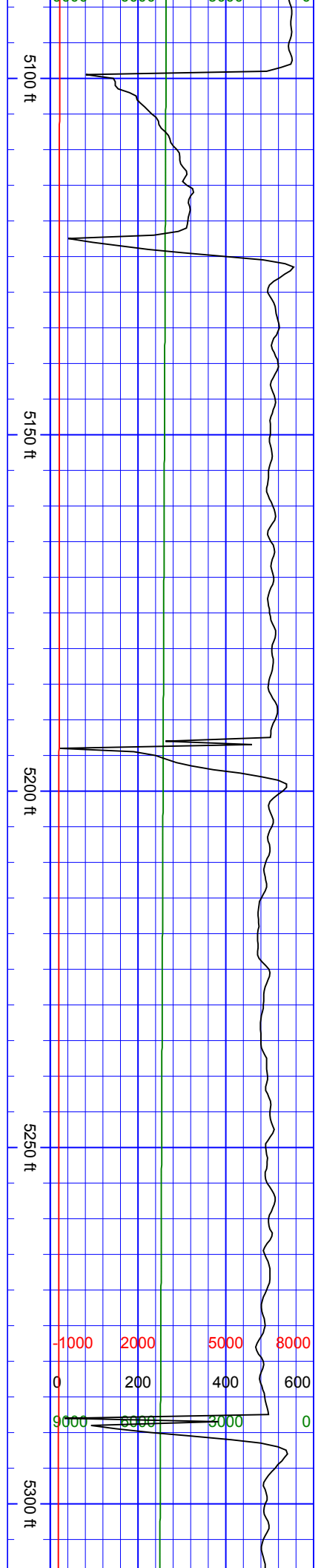


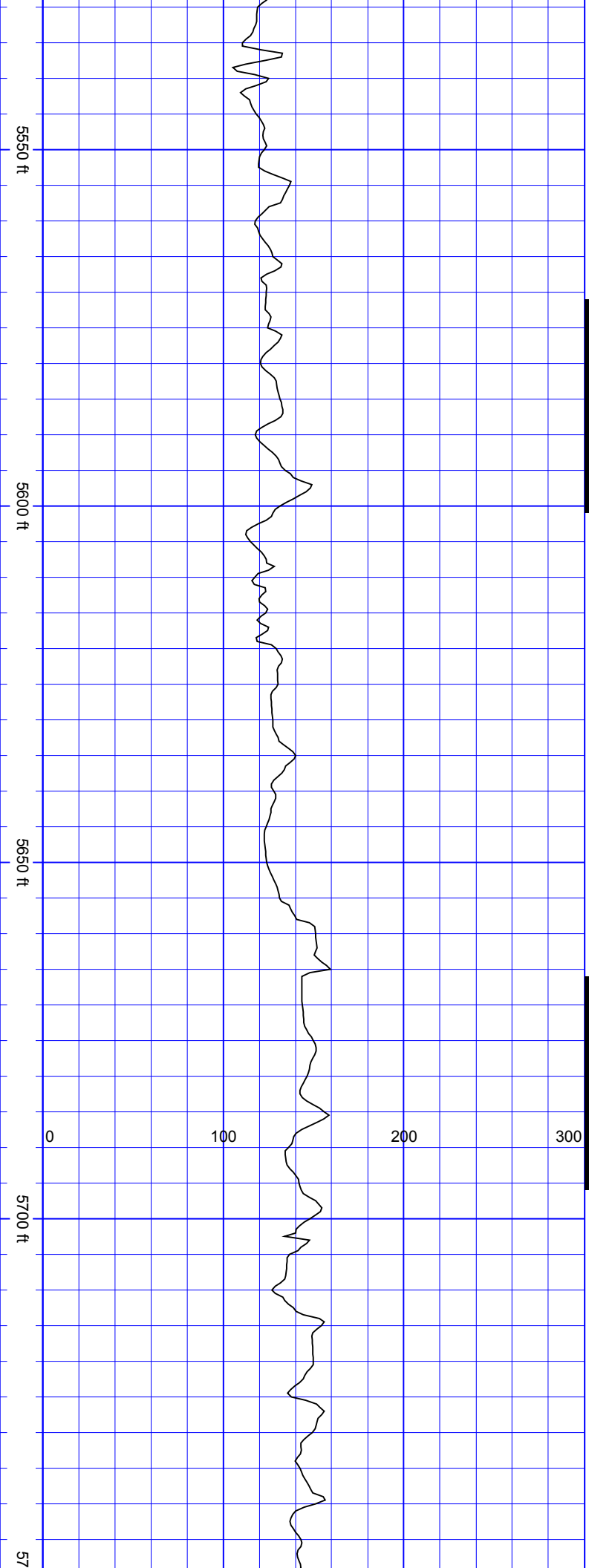


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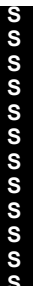
SurveyDepth:5129
TVD:5067.44 Inc:11.65
Azi:167.87 VertSec:-
679.82

SurveyDepth:5224
TVD:5160.67 Inc:10.5
Azi:167.17 VertSec:-
697.44

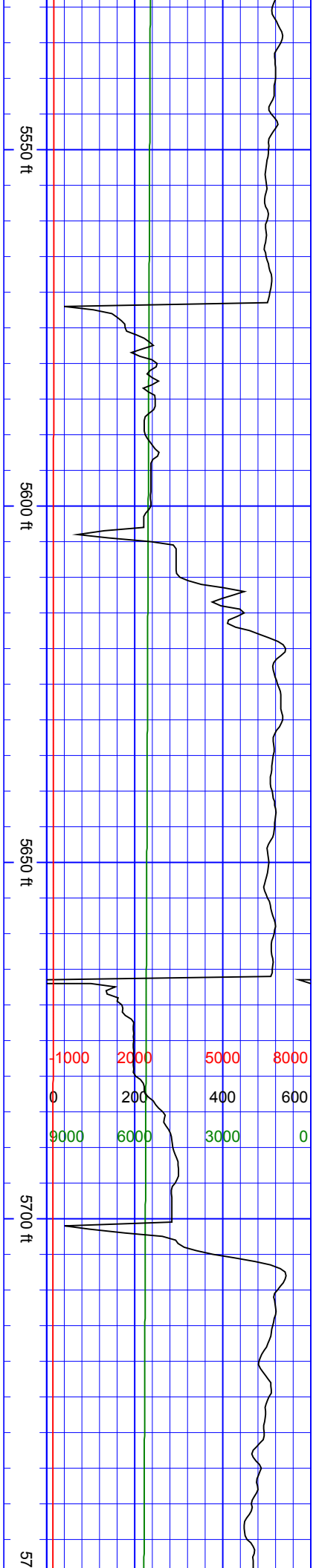


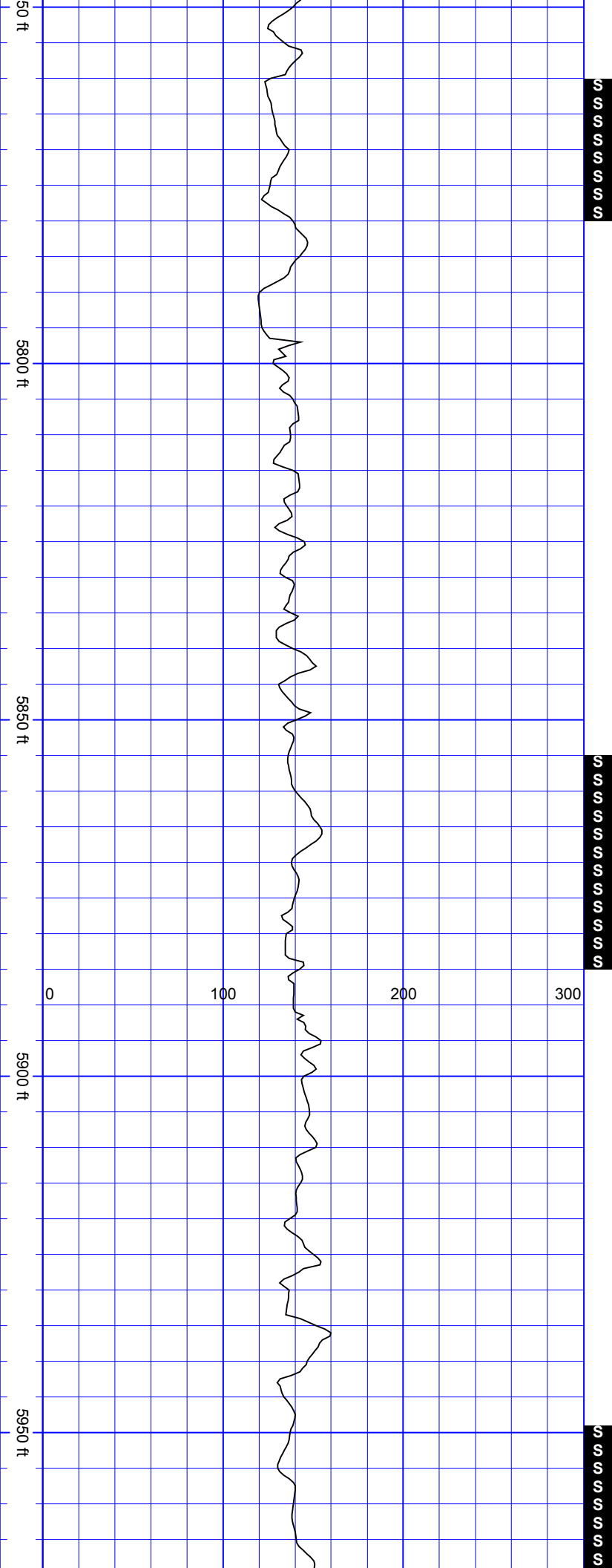


SurveyDepth:5602
TVD:5533.16 Inc:10.77
Azi:163.74 VertSec:-
758.8



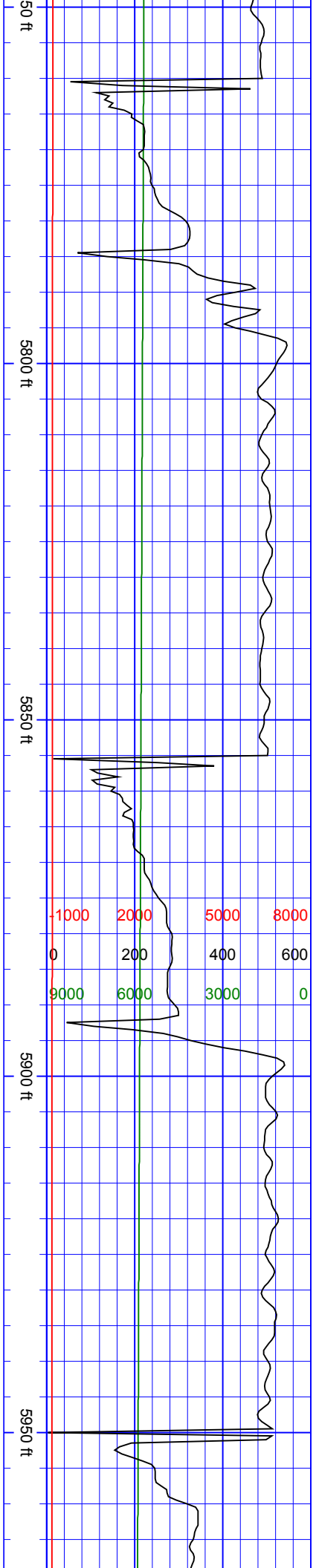
SurveyDepth:5696
TVD:5625.39 Inc:11.51
Azi:160.05 VertSec:-
775.76

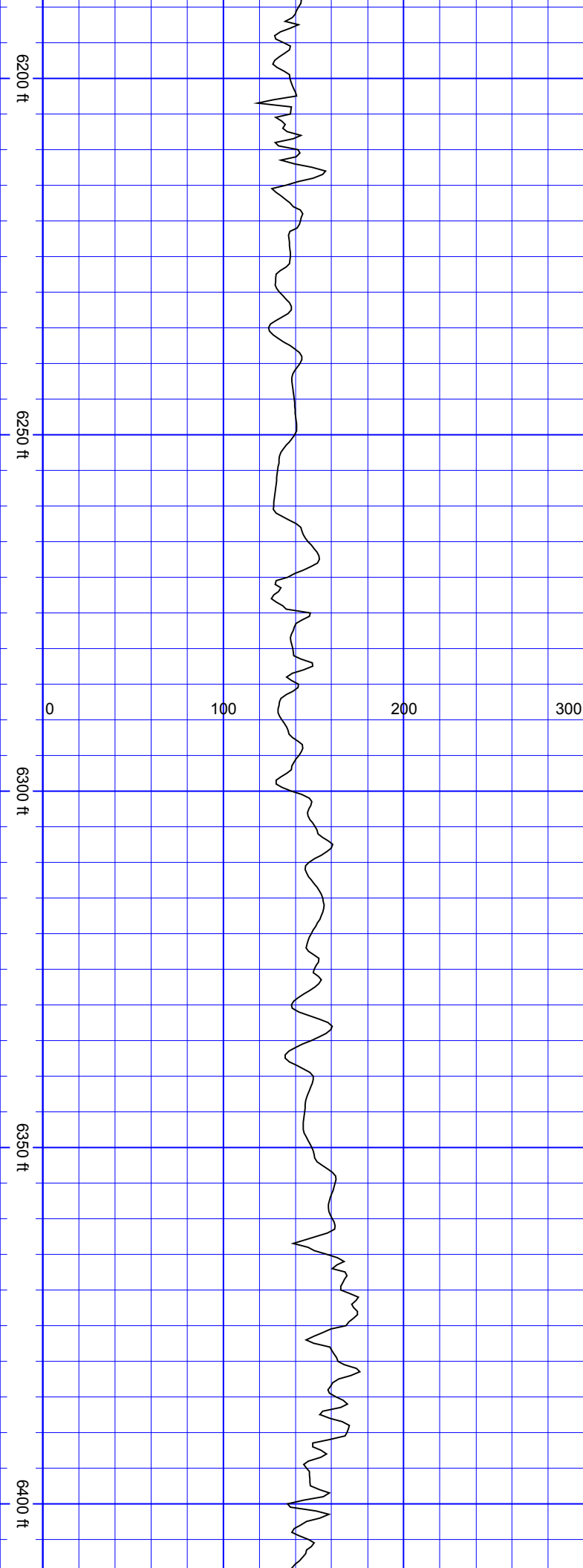




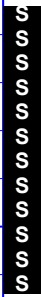
SurveyDepth:5791
TVD:5718.7 Inc:10.28
Azi:143.26 VertSec:-791.06

SurveyDepth:5885
TVD:5811.07 Inc:11.12
Azi:150.2 VertSec:-805.18

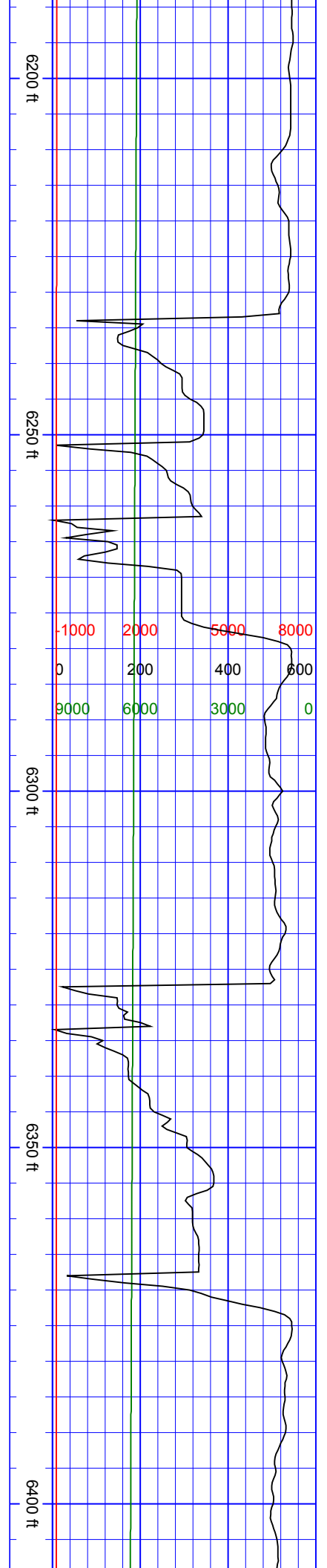




SurveyDepth:6263
TVD:6184.18 Inc:5.58
Azi:167.34 VertSec:-
858.03



SurveyDepth:6357
TVD:6277.83 Inc:4.44
Azi:138.95 VertSec:-
865.06



6450 ft

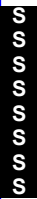
6500 ft

6550 ft

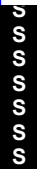
6600 ft



SurveyDepth:6452
TVD:6372.33 Inc:7.21
Azi:132.45 VertSec:-
871.53



SurveyDepth:6546
TVD:6465.49 Inc:8.22
Azi:147.39 VertSec:-
880.79

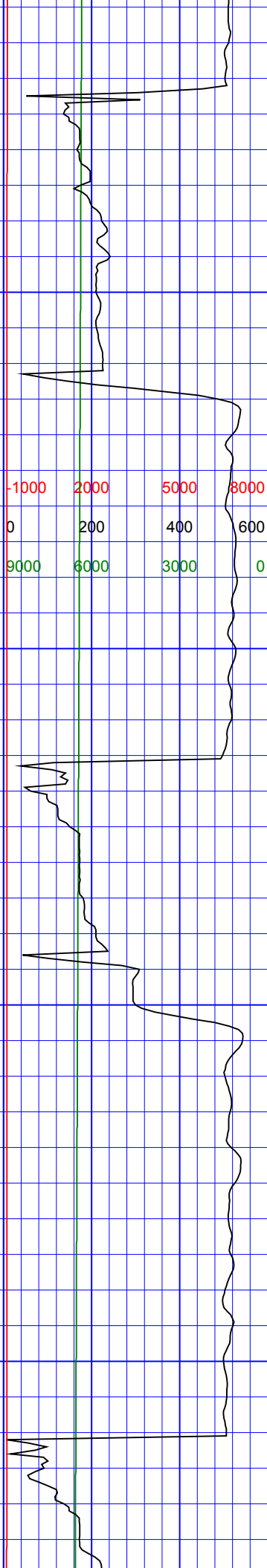


6450 ft

6500 ft

6550 ft

6600 ft



Distance	Depth
0	6450
100	6450
200	6450
300	6450
400	6450
500	6450
600	6450
0	6500
100	6500
200	6500
300	6500
400	6500
500	6500
600	6500
0	6550
100	6550
200	6550
300	6550
400	6550
500	6550
600	6550
0	6600
100	6600
200	6600
300	6600
400	6600
500	6600
600	6600

6650 ft

6700 ft

6750 ft

6800 ft

68

SurveyDepth:6641
TVD:6560.01 Inc:2.99
Azi:121.73 VertSec:-
887.54

SurveyDepth:6688
TVD:6606.92 Inc:5.45
Azi:33.31 VertSec:-
886.21

SurveyDepth:6736
TVD:6654.7 Inc:5.63
Azi:4.48 VertSec:-881.89

SurveyDepth:6783
TVD:6701.37 Inc:8.04
Azi:9.84 VertSec:-876.33

SurveyDepth:6830
TVD:6747.68 Inc:11.51
Azi:10.9 VertSec:-868.42

6650 ft

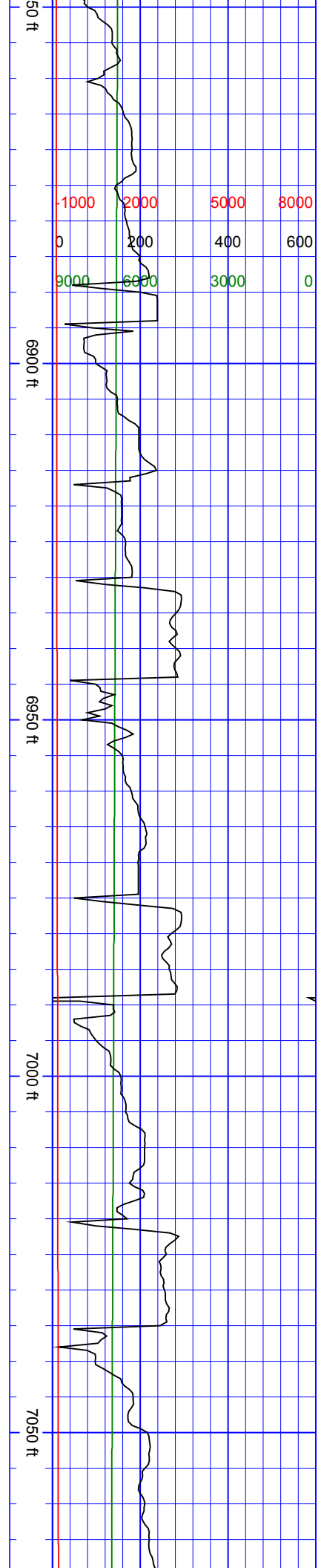
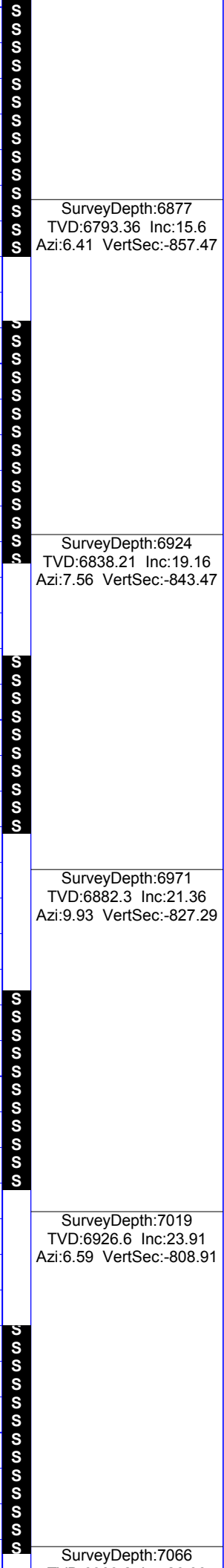
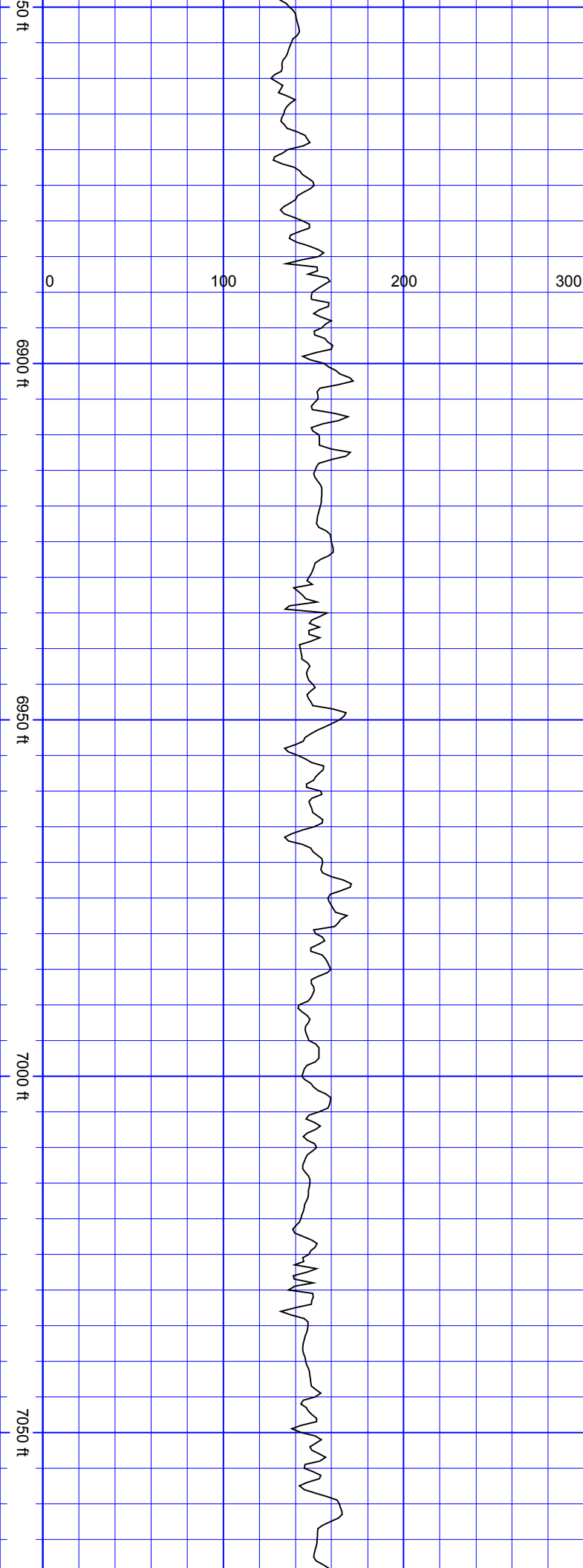
6700 ft

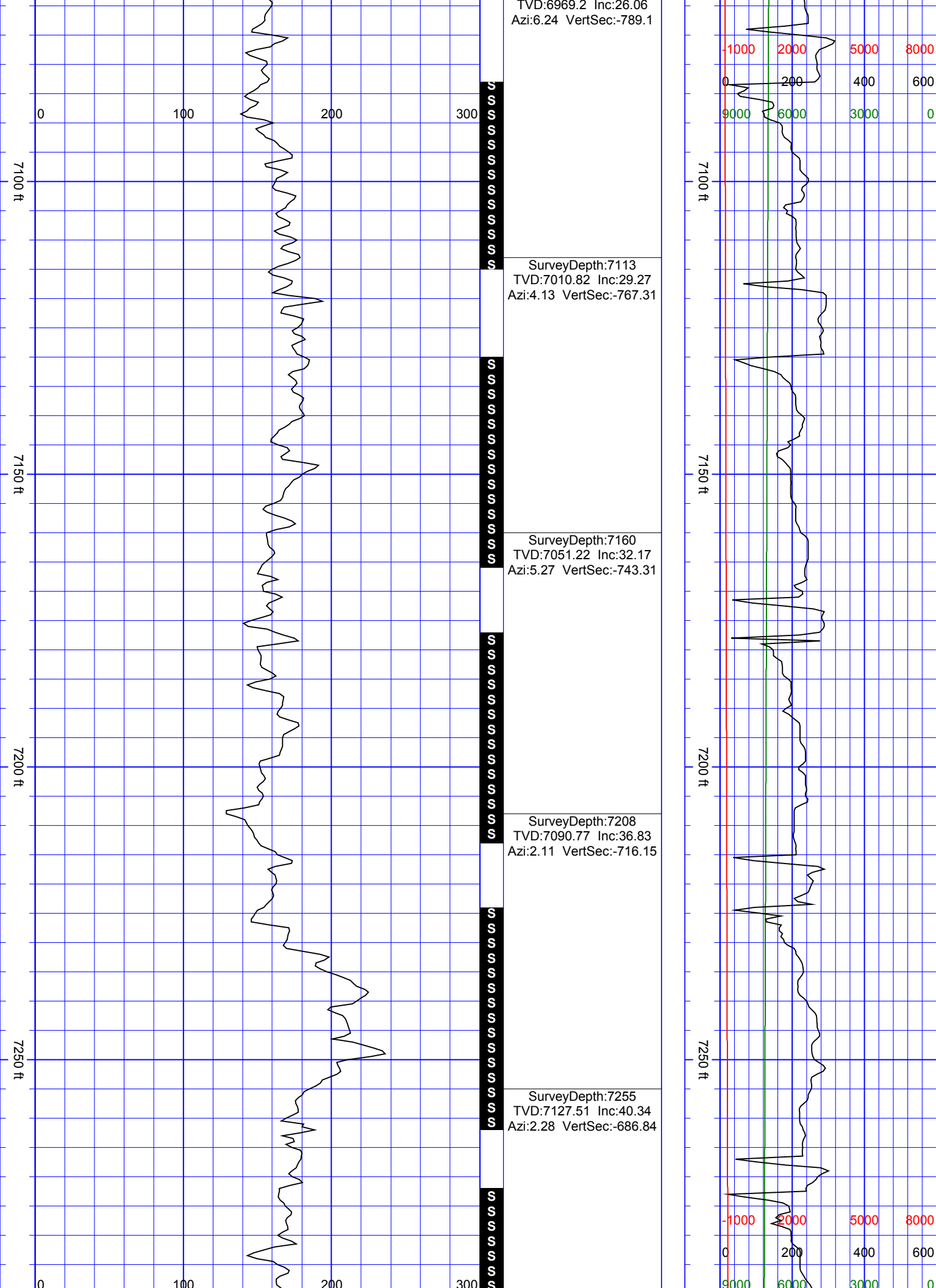
6750 ft

6800 ft

68

-1000	2000	5000	8000
0	200	400	600
9000	6000	3000	0





TVD:6969.2 Inc:26.06
Azi:6.24 VertSec:-789.1

SurveyDepth:7113
TVD:7010.82 Inc:29.27
Azi:4.13 VertSec:-767.31

SurveyDepth:7160
TVD:7051.22 Inc:32.17
Azi:5.27 VertSec:-743.31

SurveyDepth:7208
TVD:7090.77 Inc:36.83
Azi:2.11 VertSec:-716.15

SurveyDepth:7255
TVD:7127.51 Inc:40.34
Azi:2.28 VertSec:-686.84

-1000 2000 5000 8000

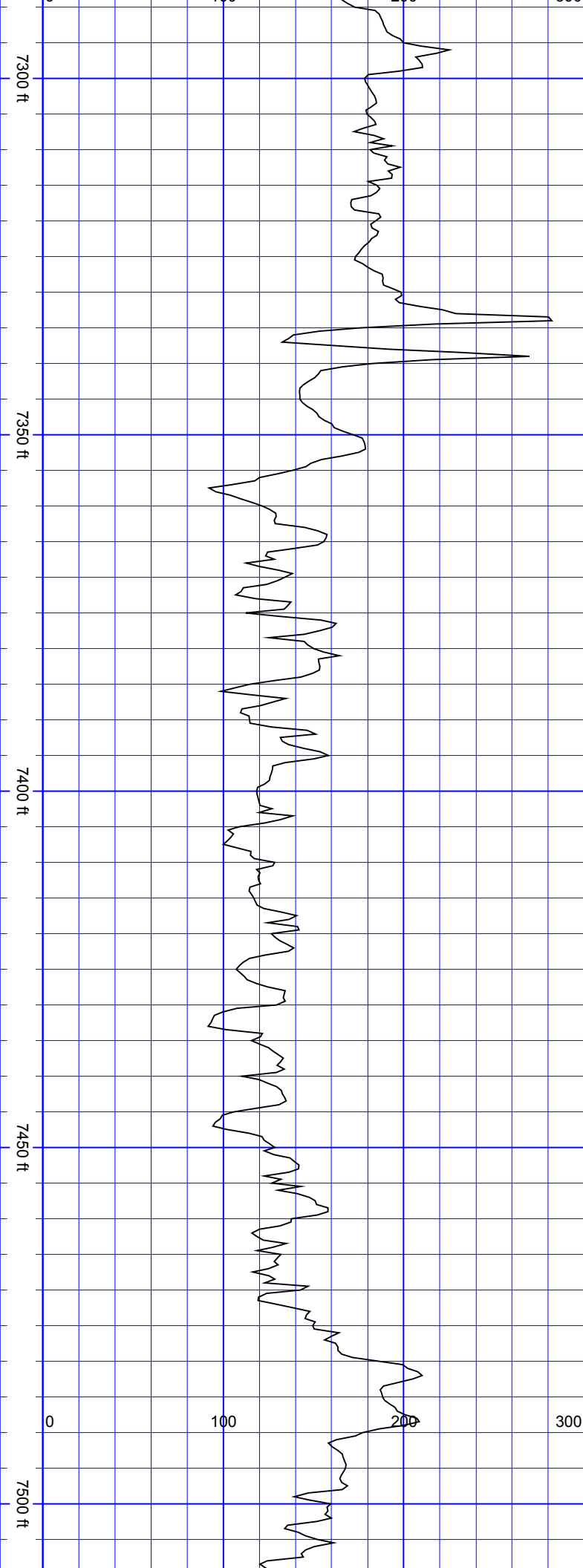
0 200 400 600

9000 6000 3000 0

-1000 2000 5000 8000

0 200 400 600

9000 6000 3000 0



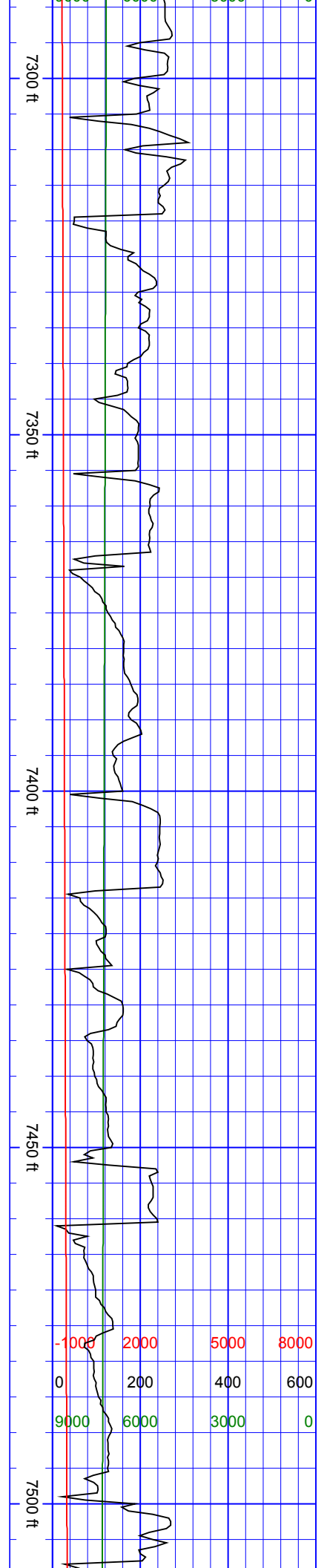
SurveyDepth:7303
TVD:7162.83 Inc:44.87
Azi:360 VertSec:-654.37

SurveyDepth:7350
TVD:7195.34 Inc:47.59
Azi:356.75 VertSec:-620.54

SurveyDepth:7397
TVD:7225.93 Inc:51.2
Azi:356.83 VertSec:-585.06

SurveyDepth:7444
TVD:7254.18 Inc:54.89
Azi:359.74 VertSec:-547.62

SurveyDepth:7492
TVD:7280.1 Inc:59.72
Azi:1.32 VertSec:-507.27



7550 ft

7600 ft

7650 ft

7700 ft

0 100 200 300

SurveyDepth:7539
TVD:7302.3 Inc:63.9
Azi:2.11 VertSec:-465.86

SurveyDepth:7587
TVD:7321.98 Inc:67.68
Azi:2.72 VertSec:-422.09

SurveyDepth:7634
TVD:7338.55 Inc:71.02
Azi:3.07 VertSec:-378.12

SurveyDepth:7682
TVD:7352.55 Inc:75.06
Azi:2.64 VertSec:-332.21

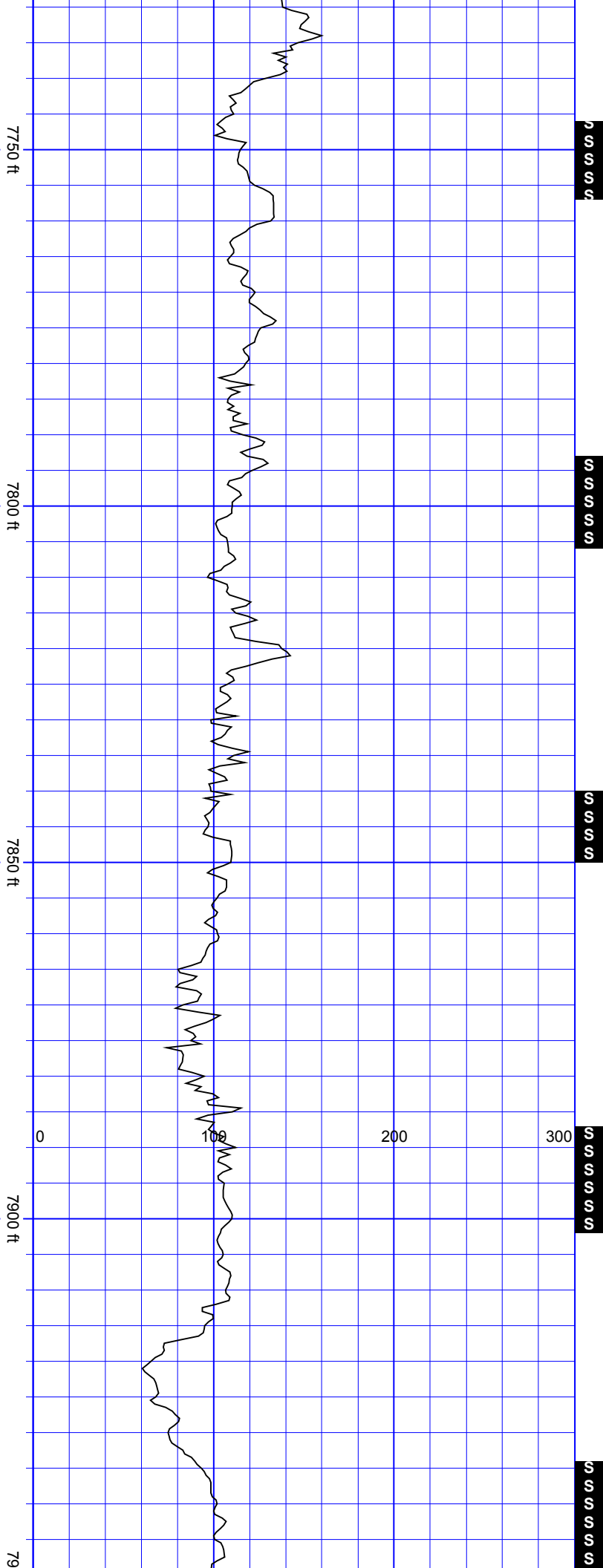
7550 ft

7600 ft

7650 ft

7700 ft

-1000 2000 5000 8000
0 200 400 600
9000 6000 3000 0



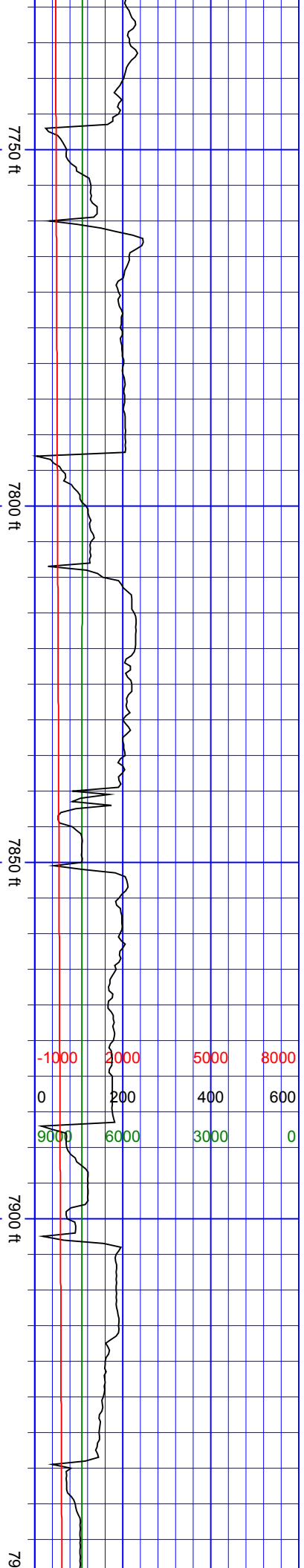
SurveyDepth:7729
TVD:7363.36 Inc:78.35
Azi:2.55 VertSec:-286.48

SurveyDepth:7776
TVD:7372.07 Inc:80.29
Azi:0.88 VertSec:-240.31

SurveyDepth:7823
TVD:7379.36 Inc:81.87
Azi:1.14 VertSec:-193.9

SurveyDepth:7870
TVD:7385.74 Inc:82.53
Azi:1.67 VertSec:-147.34

SurveyDepth:7917
TVD:7390.75 Inc:85.21
Azi:2.55 VertSec:-100.62



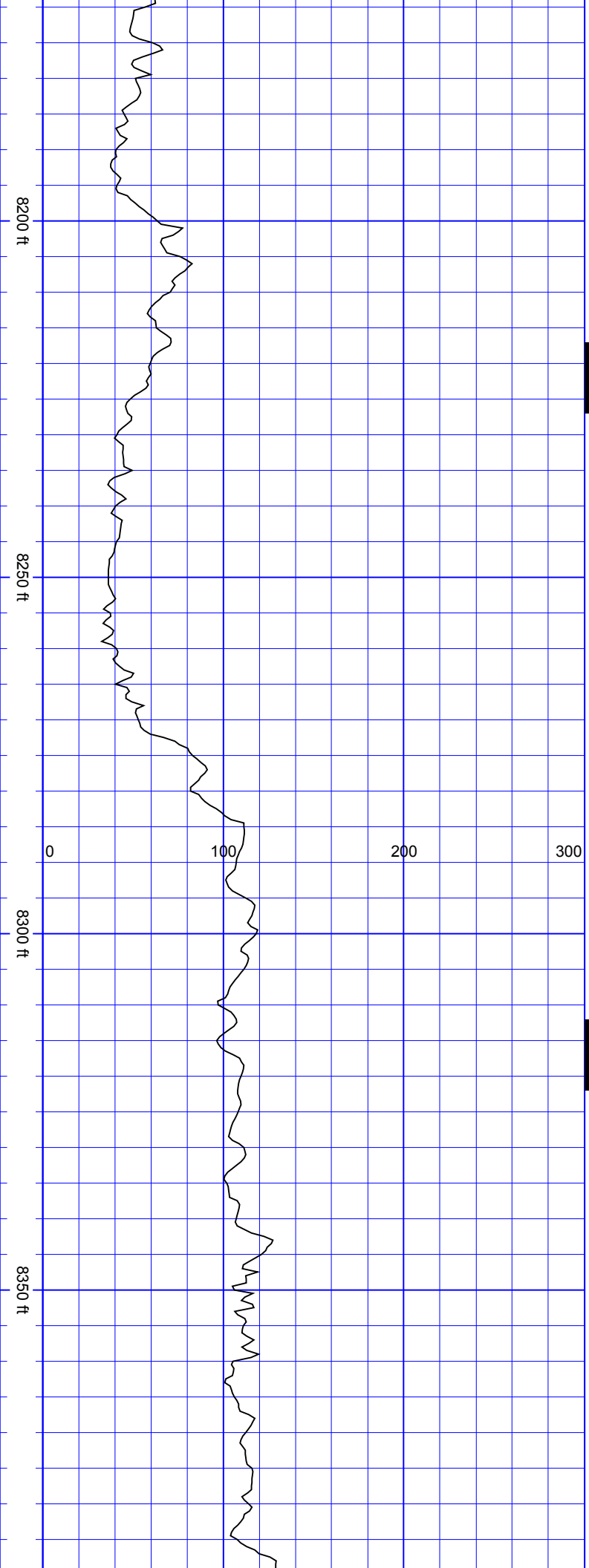
SurveyDepth:7965
TVD:7393.55 Inc:88.11
Azi:3.07 VertSec:-52.71

SurveyDepth:8059
TVD:7395.96 Inc:88.95
Azi:2.02 VertSec:41.26

SurveyDepth:8153
TVD:7398.45 Inc:88.02
Azi:0.17 VertSec:135.19

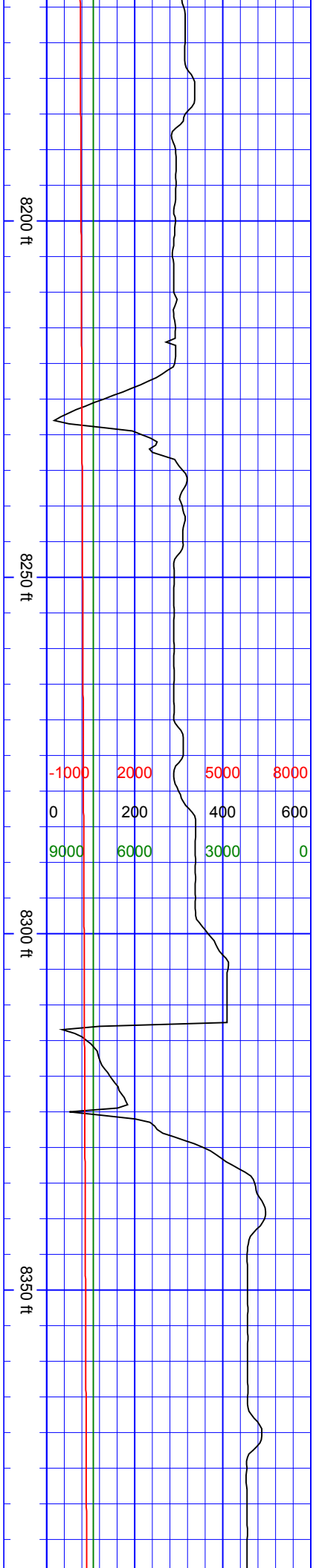
August 21, 2018

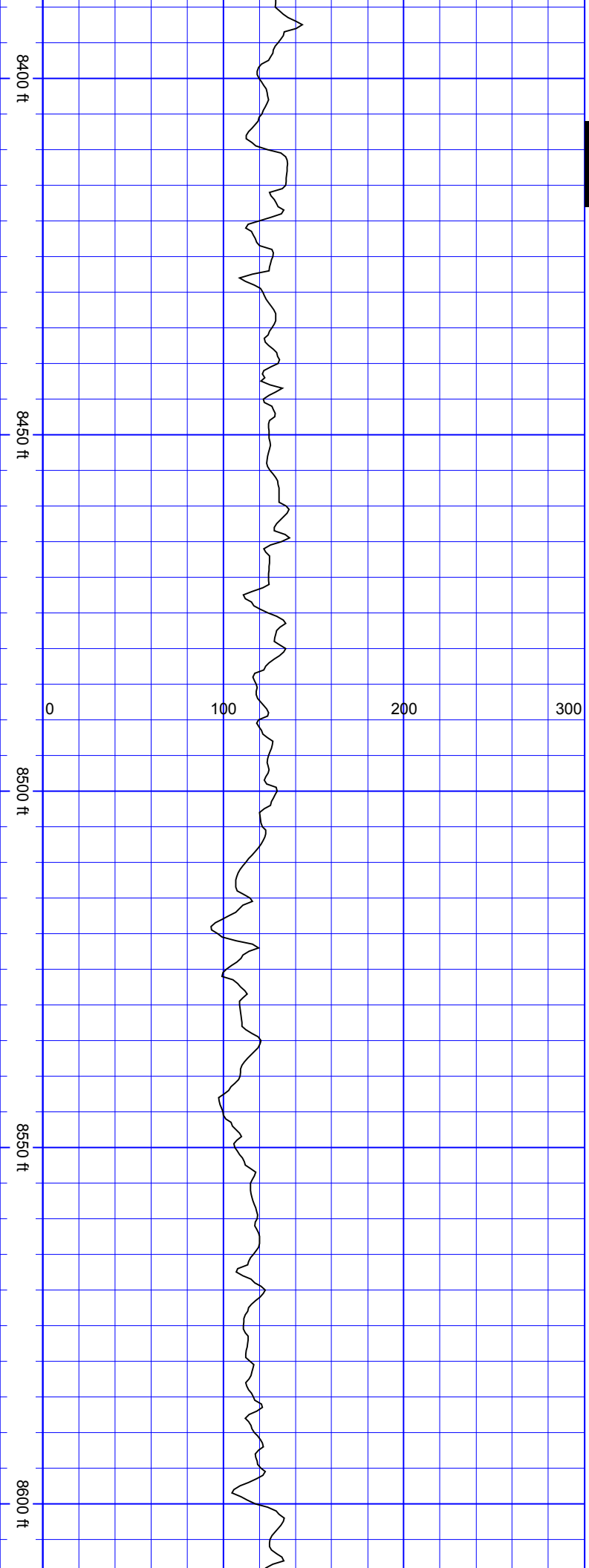
-1000	2000	5000	8000
0	200	400	600
9000	6000	3000	0



SurveyDepth:8248
TVD:7401.51 Inc:88.29
Azi:358.33
VertSec:229.96

SurveyDepth:8342
TVD:7403.99 Inc:88.68
Azi:358.5
VertSec:323.66

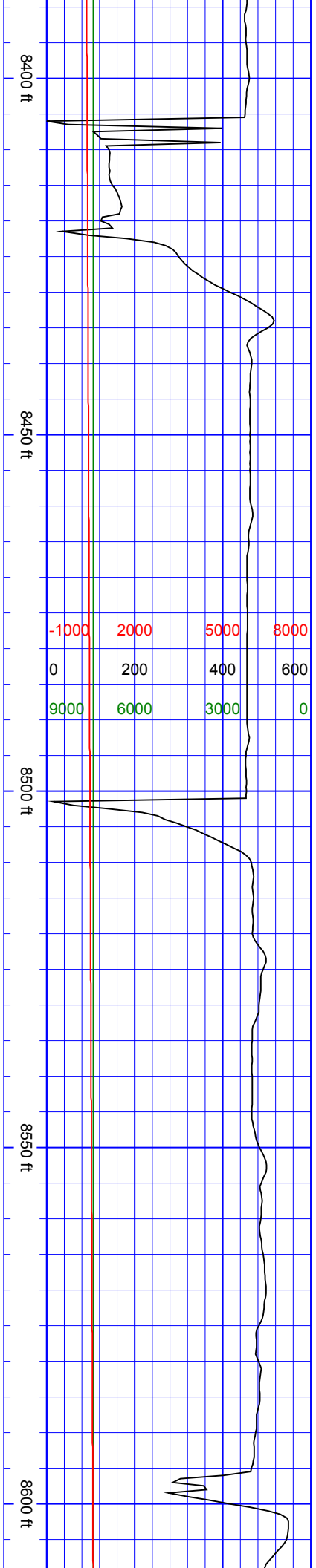




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SurveyDepth:8437
TVD:7404.9 Inc:90.22
Azi:359.12
VertSec:418.43

SurveyDepth:8532
TVD:7404.9 Inc:89.78
Azi:358.24
VertSec:513.2



-1000	2000	5000	8000
0	200	400	600
9000	6000	3000	0

8650 ft

0 100 200 300

8700 ft

8750 ft

8800 ft

SurveyDepth:8626
TVD:7405.48 Inc:89.52
Azi:358.07
VertSec:606.9

SurveyDepth:8720
TVD:7406.63 Inc:89.08
Azi:358.33
VertSec:700.6

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SurveyDepth:8814
TVD:7406.77 Inc:90.75
Azi:358.94
VertSec:794.36

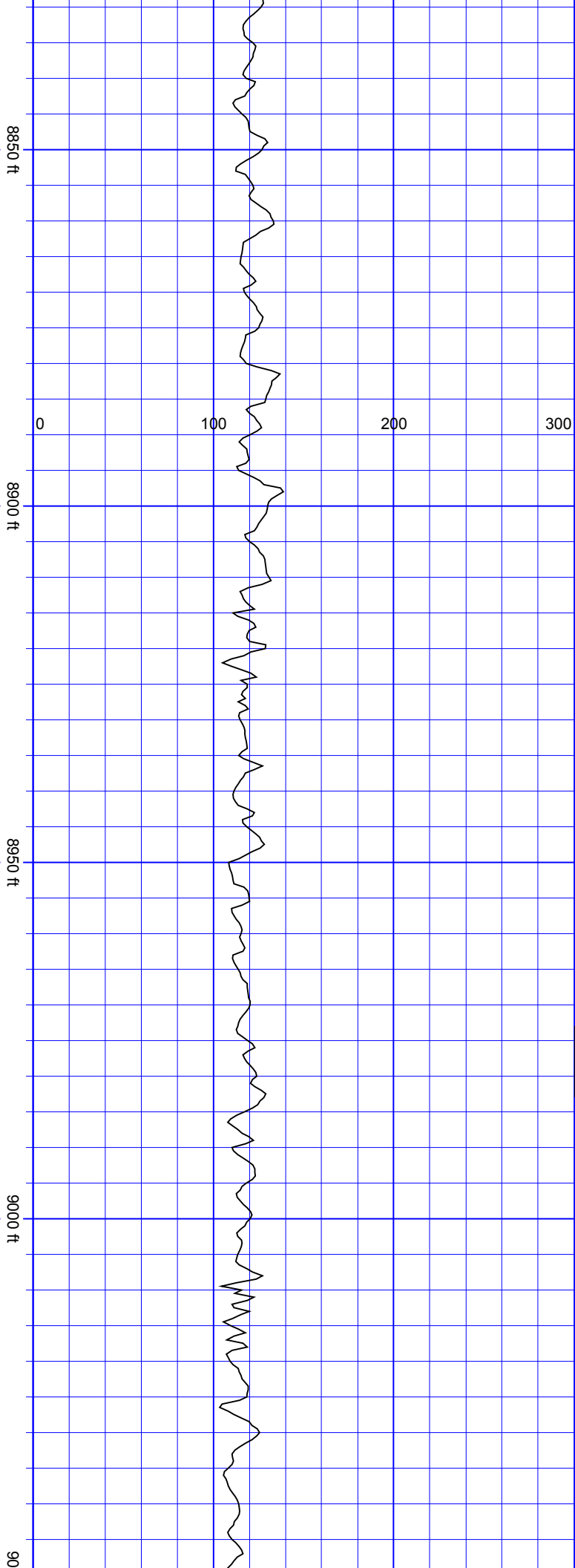
8650 ft

-1000 2000 5000 8000
0 200 400 600
9000 6000 3000 0

8700 ft

8750 ft

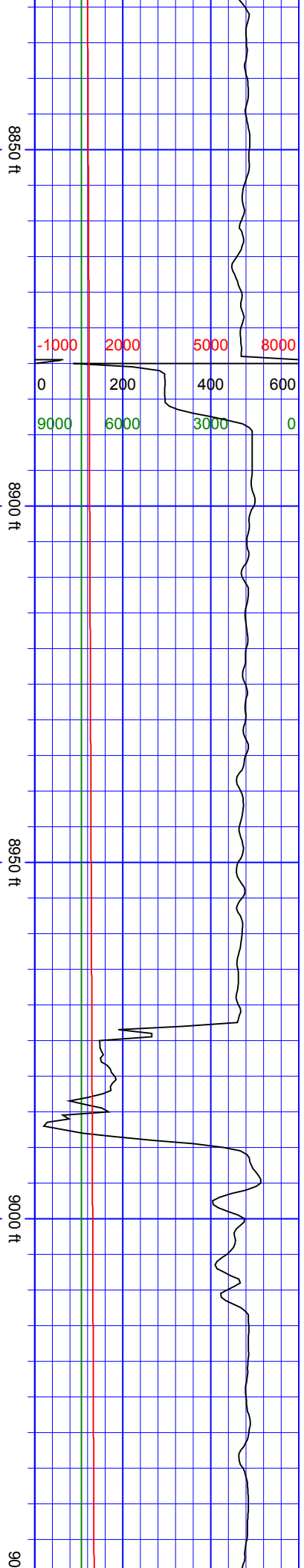
8800 ft

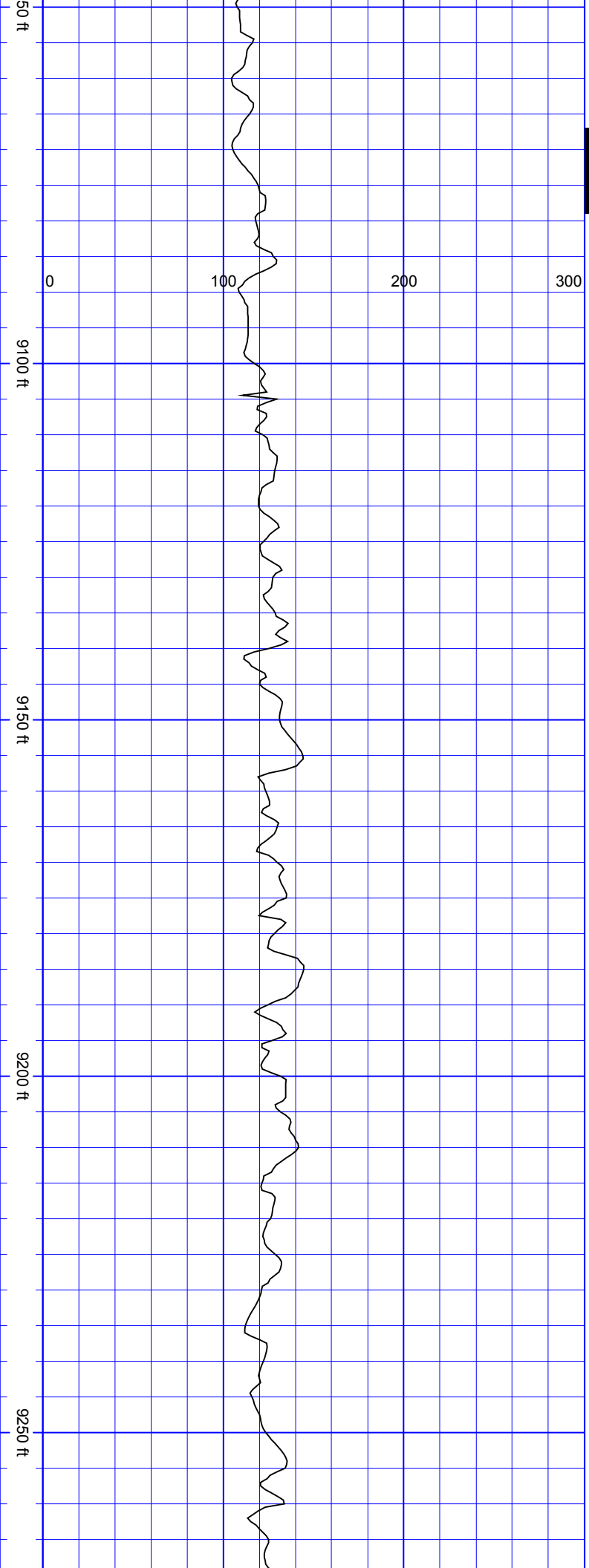


SSS

SurveyDepth:8909
TVD:7405.93 Inc:90.26
Azi:358.86
VertSec:889.15

SurveyDepth:9003
TVD:7406.04 Inc:89.6
Azi:358.94
VertSec:982.94

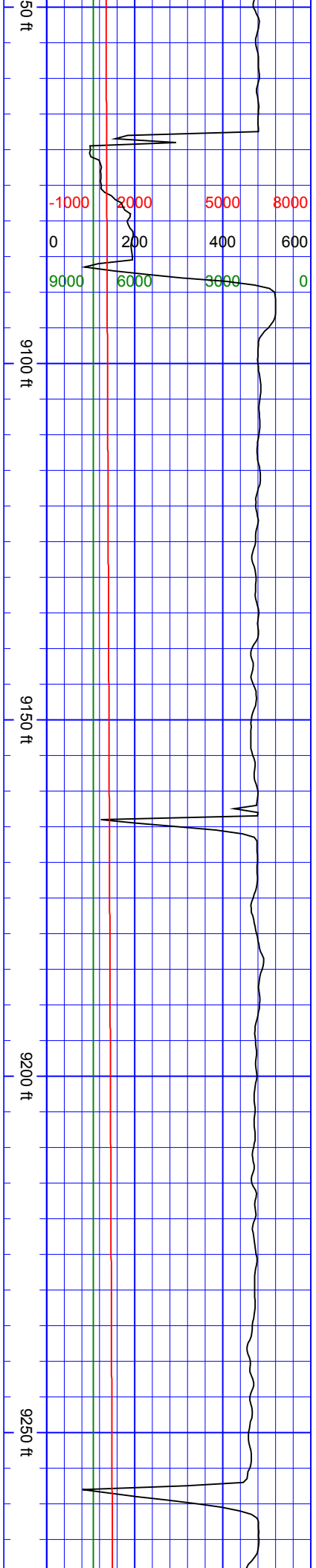


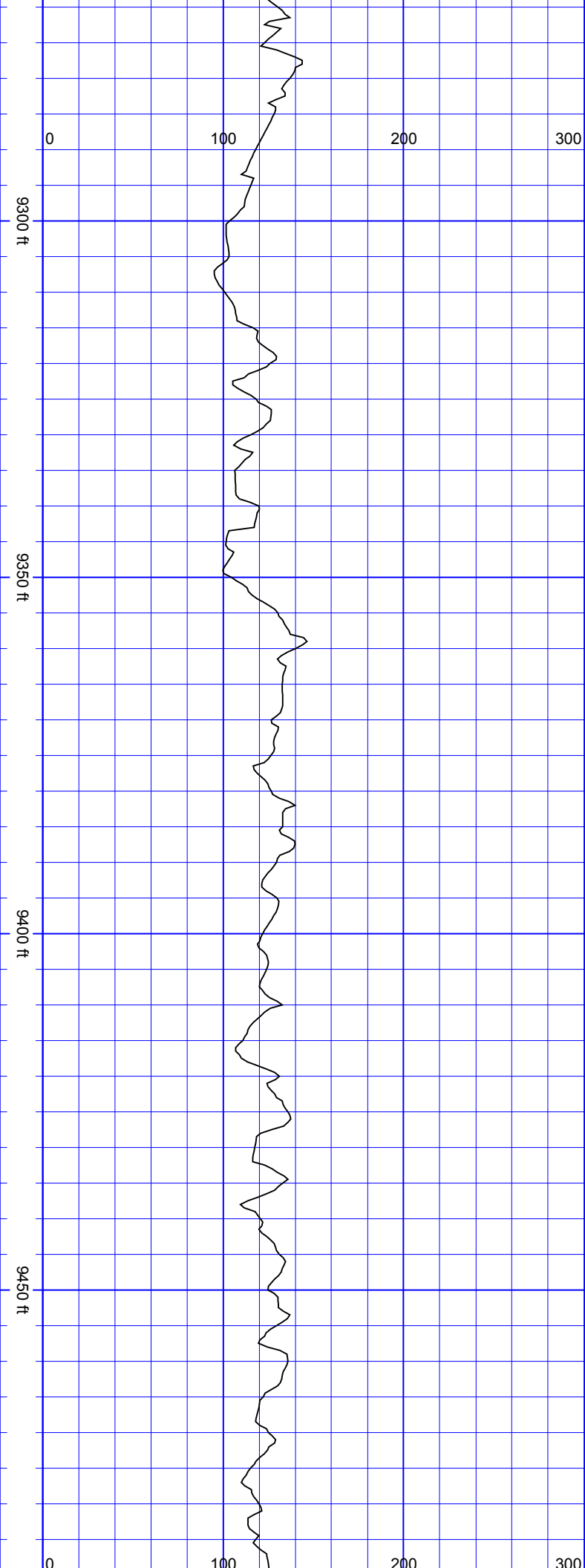


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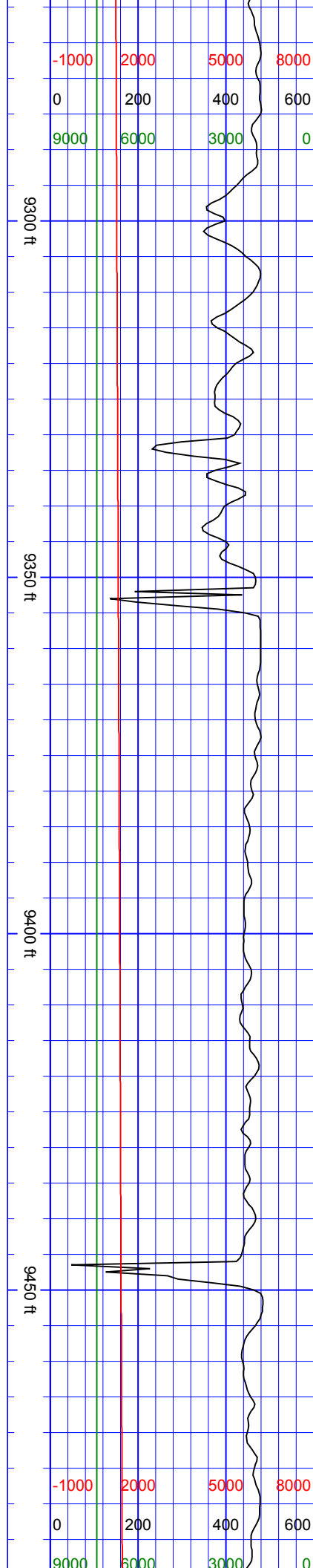
SurveyDepth:9098
TVD:7405.43 Inc:91.14
Azi:359.82
VertSec:1077.77

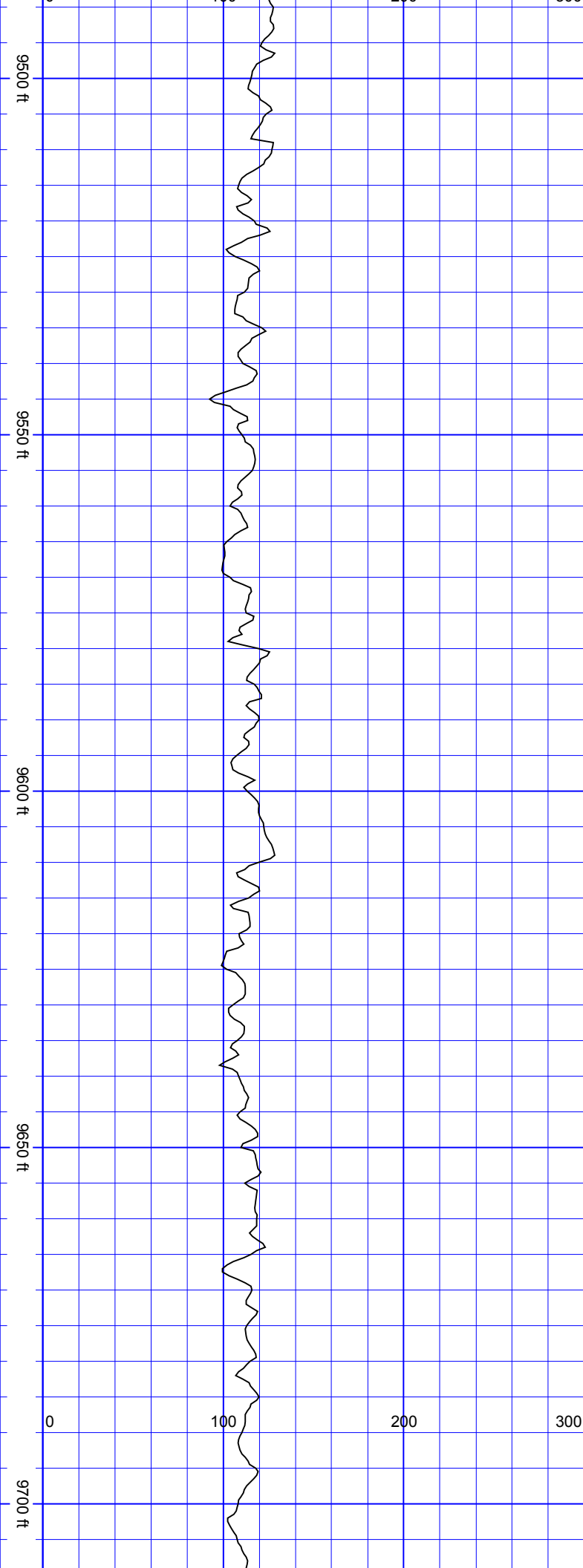
SurveyDepth:9193
TVD:7403.76 Inc:90.88
Azi:359.74
VertSec:1172.63





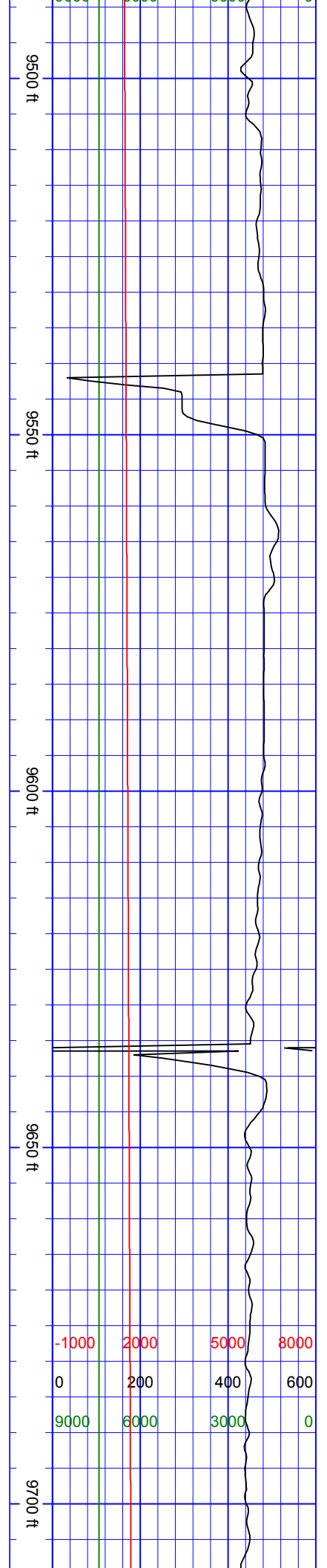
SurveyDepth:9287 TVD:7402.57 Inc:90.57 Azi:359.56 VertSec:1266.49	SurveyDepth:9382 TVD:7401.15 Inc:91.14 Azi:0.97 VertSec:1361.39	SurveyDepth:9477 TVD:7399.47 Inc:90.88 Azi:0.17 VertSec:1456.31
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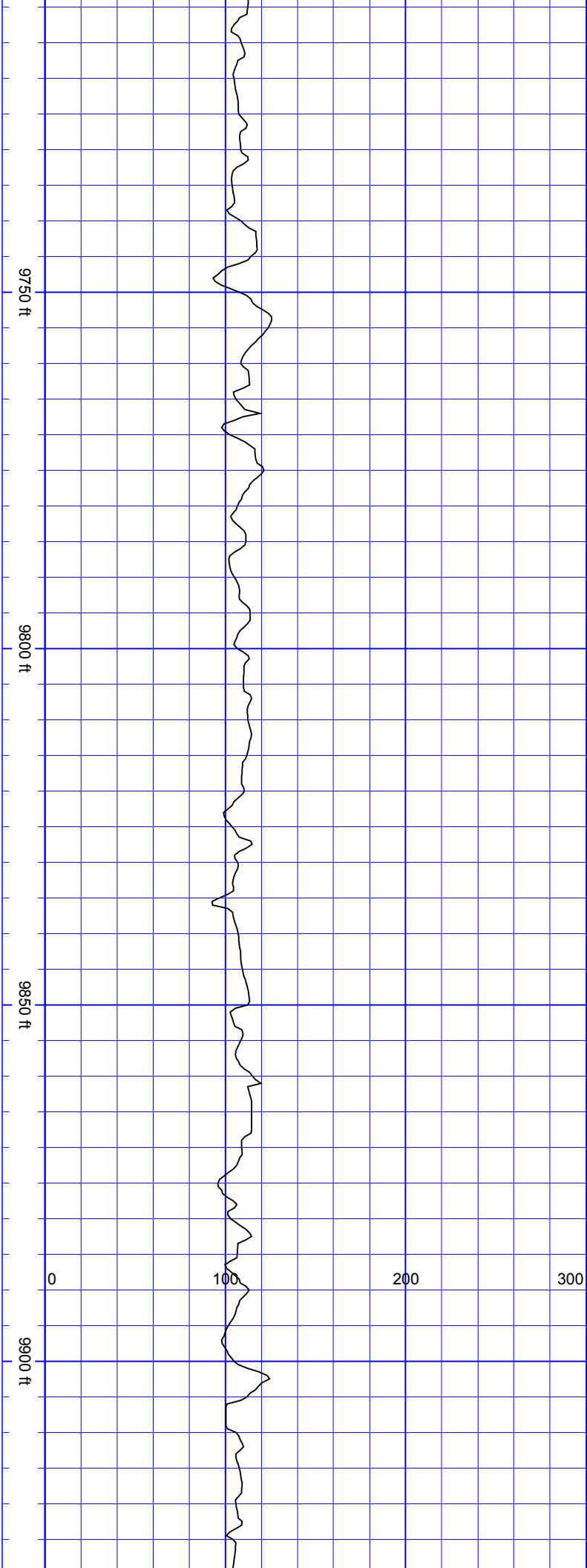




SurveyDepth:9571
TVD:7398.39 Inc:90.44
Azi:359.47
VertSec:1550.18

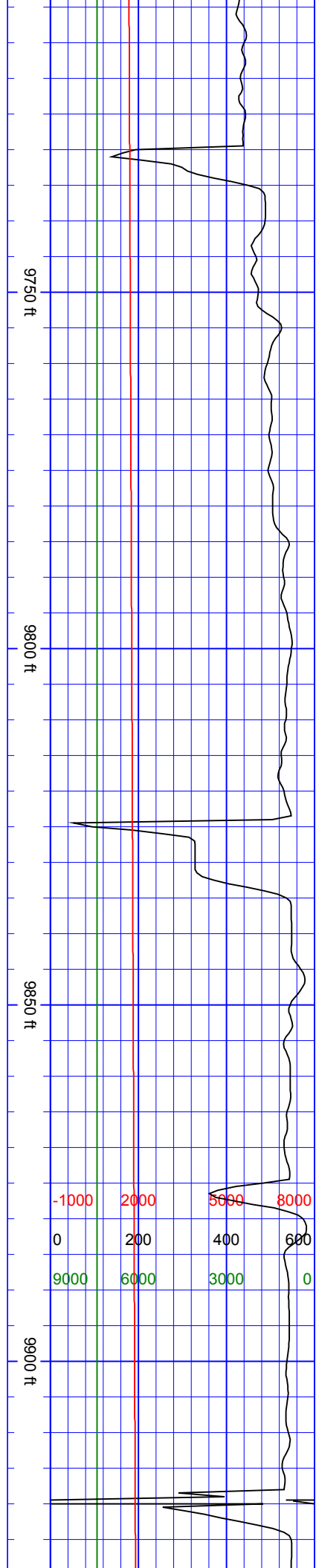
SurveyDepth:9666
TVD:7397.74 Inc:90.35
Azi:359.38
VertSec:1645.02

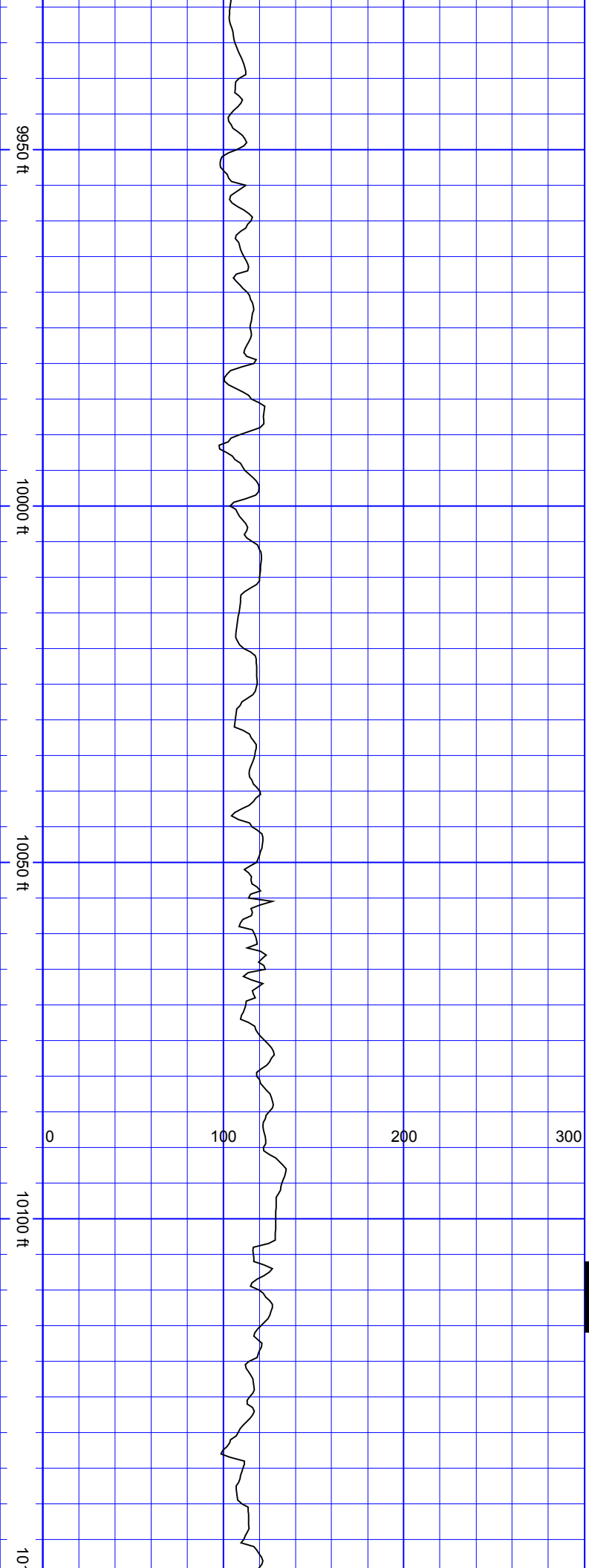




SurveyDepth:9760
TVD:7397.42 Inc:90.04
Azi:359.03
VertSec:1738.85

SurveyDepth:9854
TVD:7397.6 Inc:89.74
Azi:358.33
VertSec:1832.61

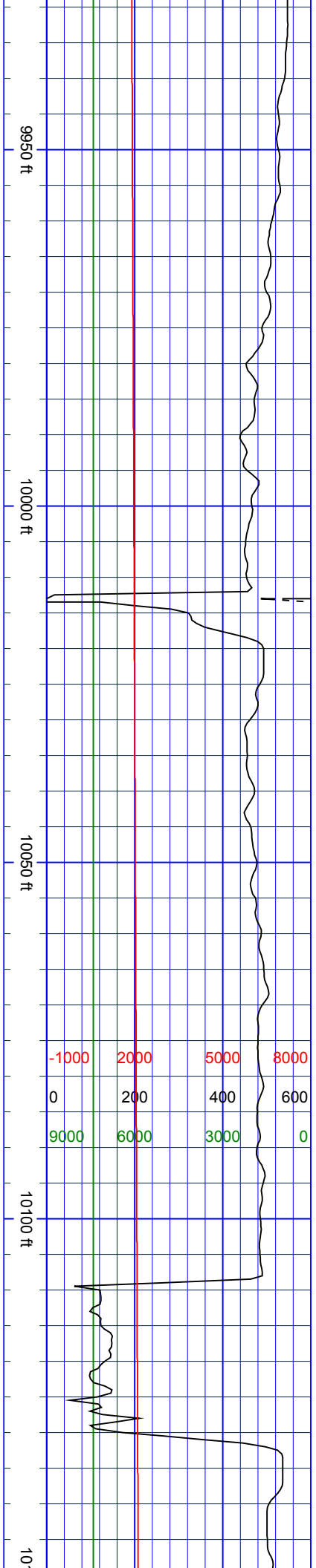


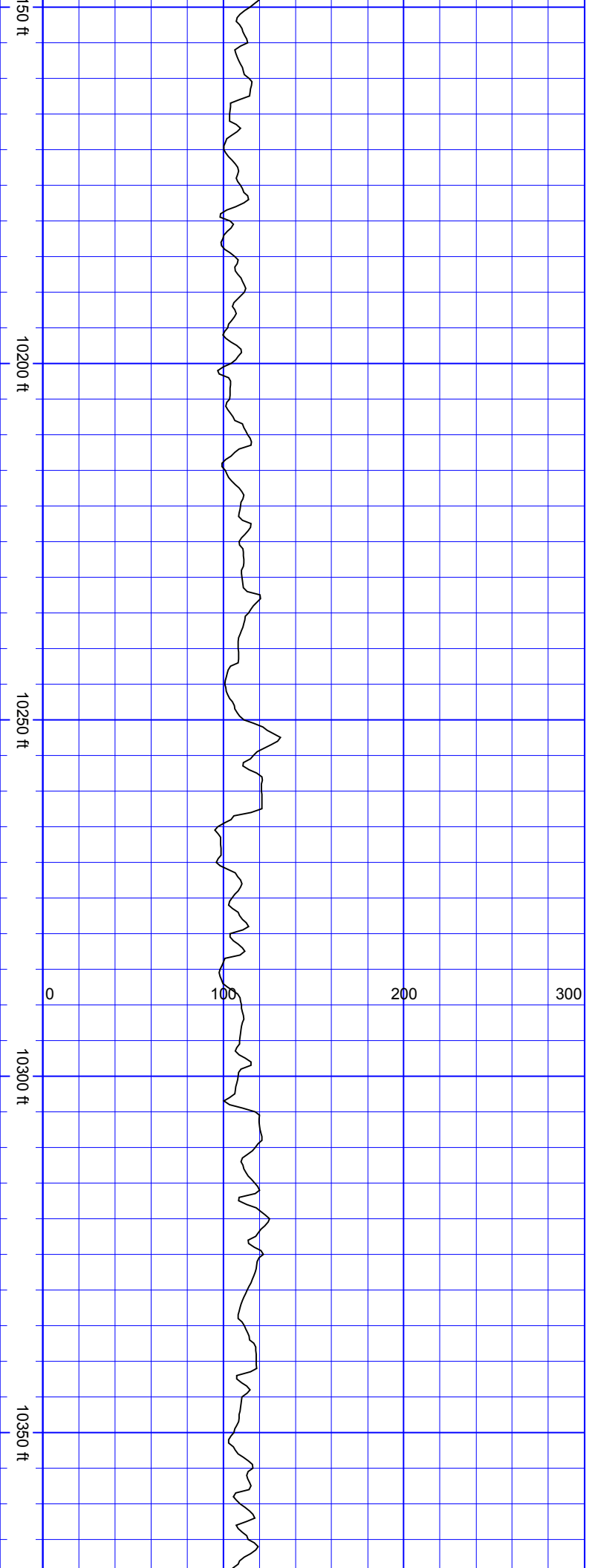


SurveyDepth:9948
TVD:7398.28 Inc:89.43
Azi:357.8
VertSec:1926.3

SurveyDepth:10042
TVD:7399.36 Inc:89.25
Azi:357.45
VertSec:2019.93

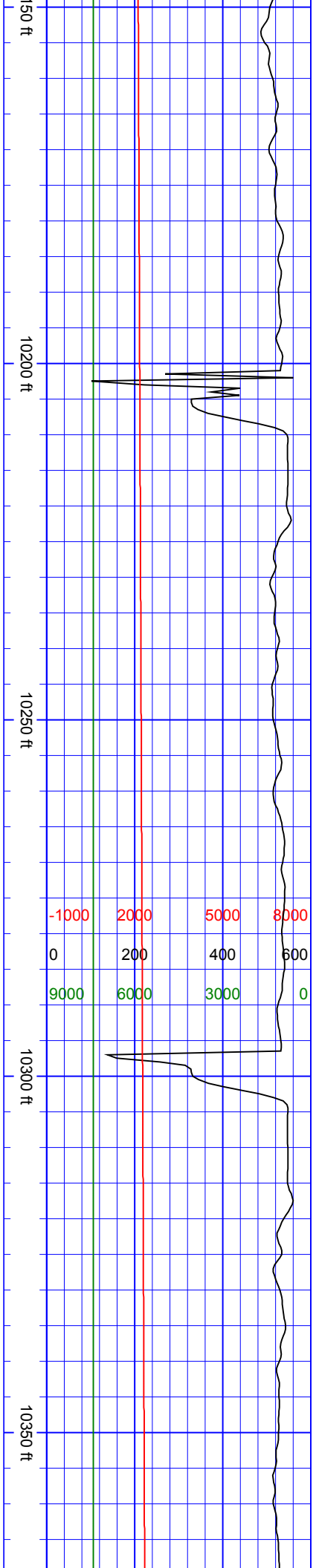
SurveyDepth:10137
TVD:7400.2 Inc:89.74
Azi:360 VertSec:2114.68

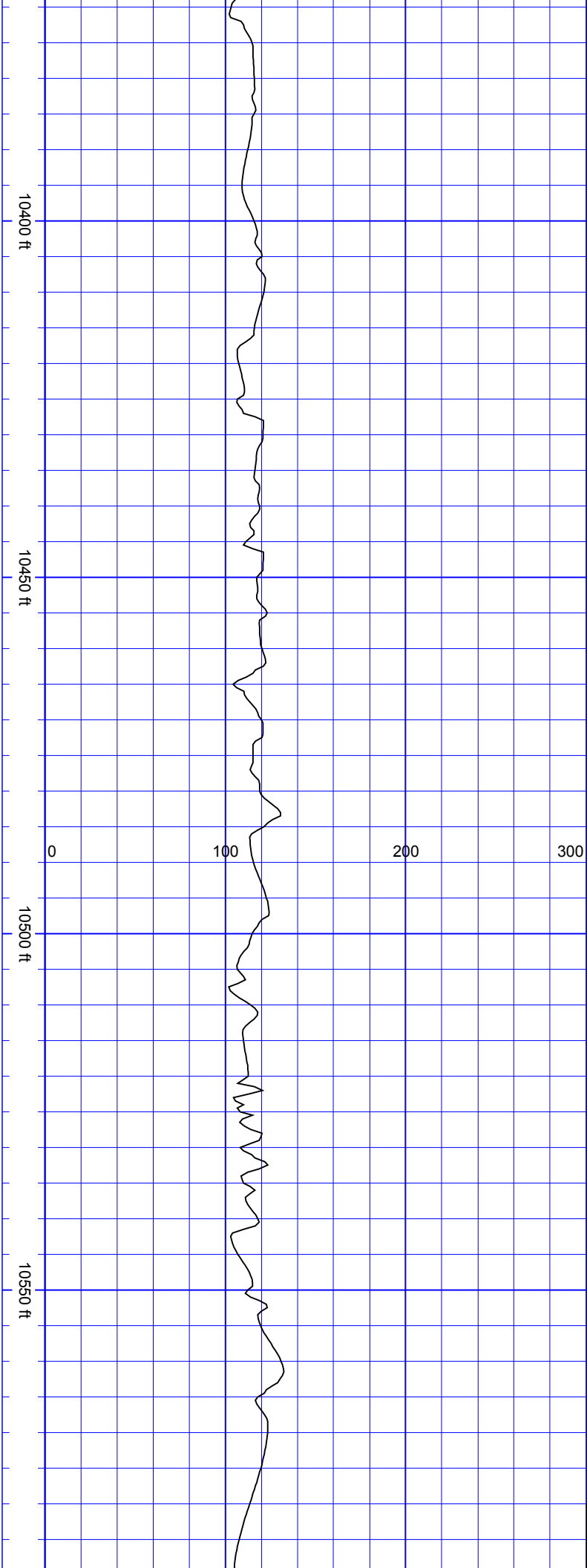




SurveyDepth:10232
TVD:7400.67 Inc:89.69
Azi:359.91
VertSec:2209.57

SurveyDepth:10327
TVD:7401.26 Inc:89.6
Azi:359.56
VertSec:2304.44

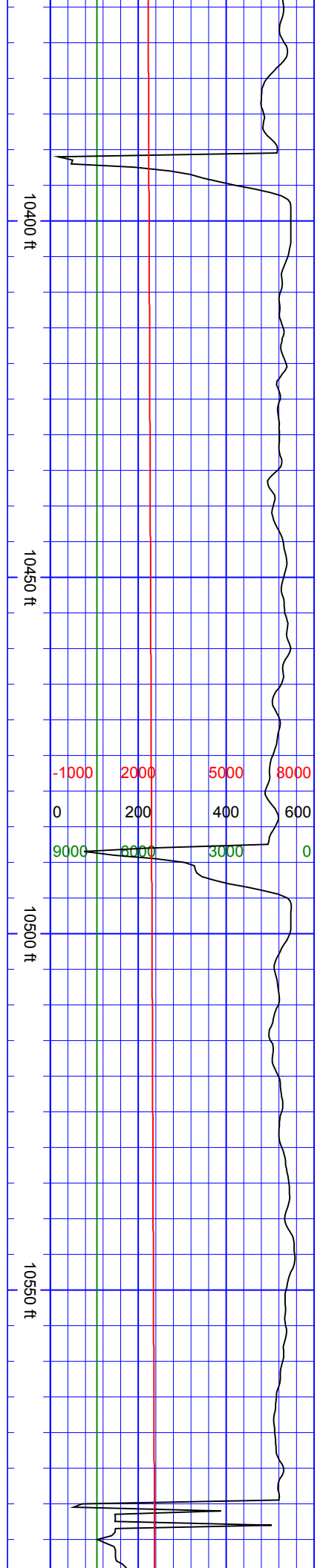


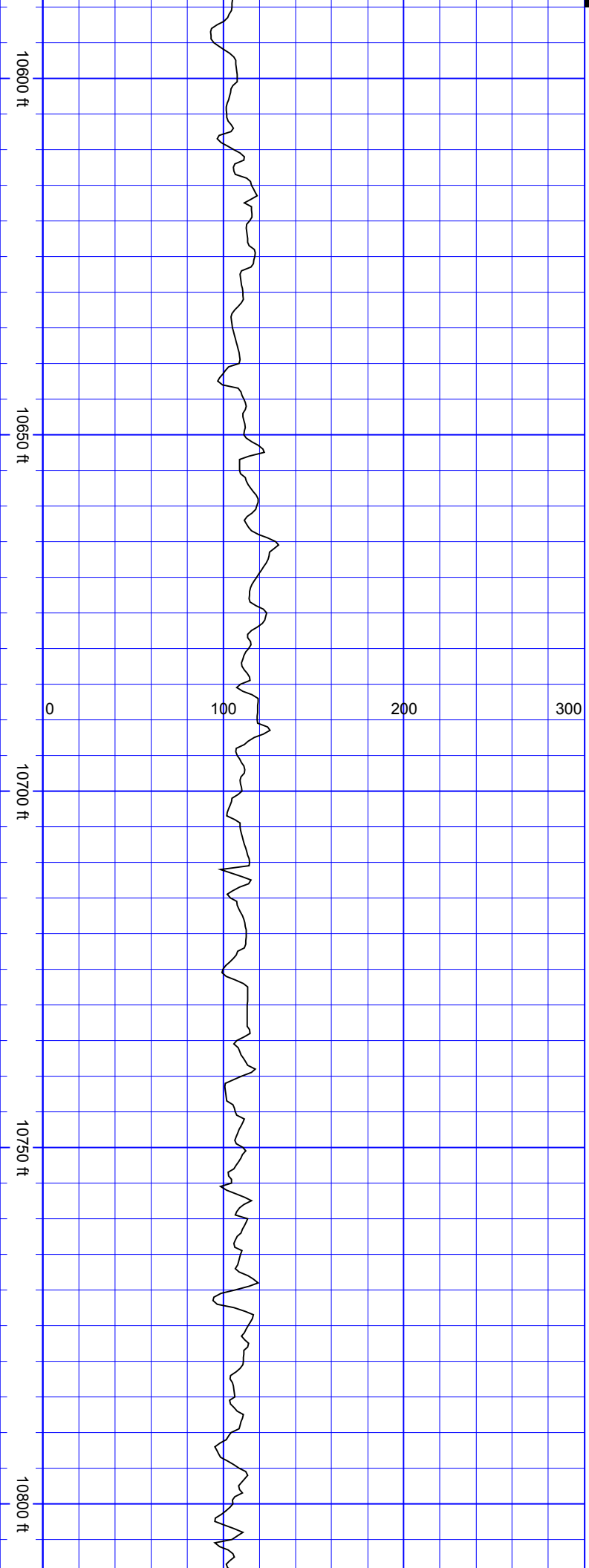


SurveyDepth:10421
TVD:7401.87 Inc:89.65
Azi:0.97
VertSec:2398.35

SurveyDepth:10516
TVD:7402.27 Inc:89.87
Azi:1.14
VertSec:2493.31

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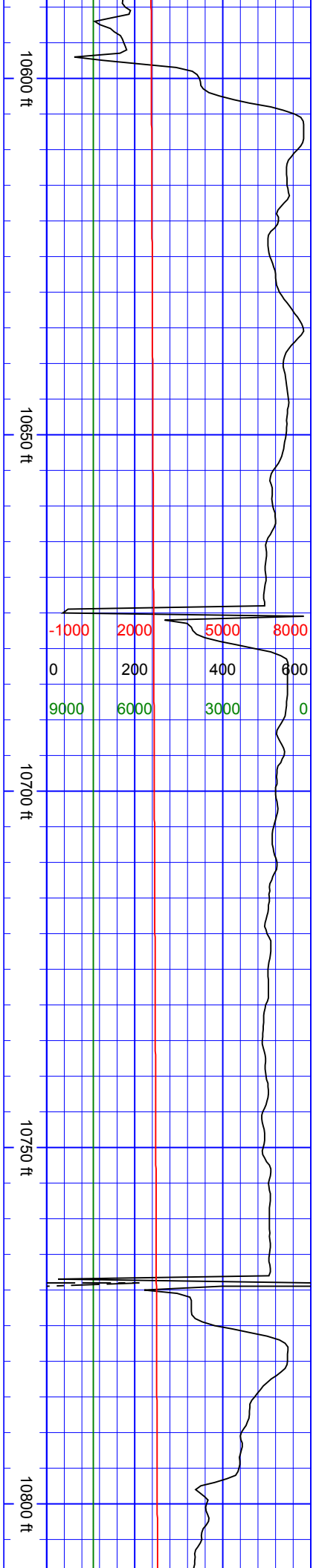


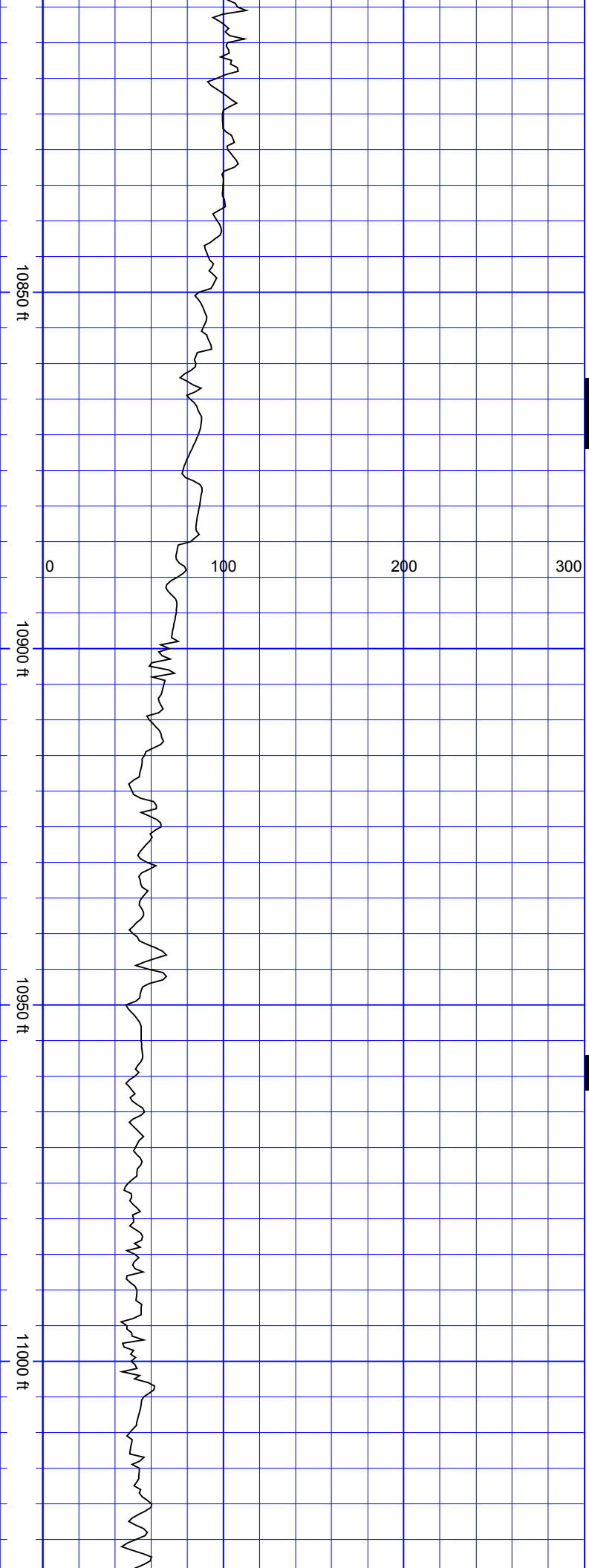


SurveyDepth:10610
TVD:7401.04 Inc:91.63
Azi:359.03
VertSec:2587.2

SurveyDepth:10704
TVD:7398.44 Inc:91.54
Azi:359.21
VertSec:2680.98

SurveyDepth:10798
TVD:7396.46 Inc:90.88
Azi:357.71
VertSec:2774.69



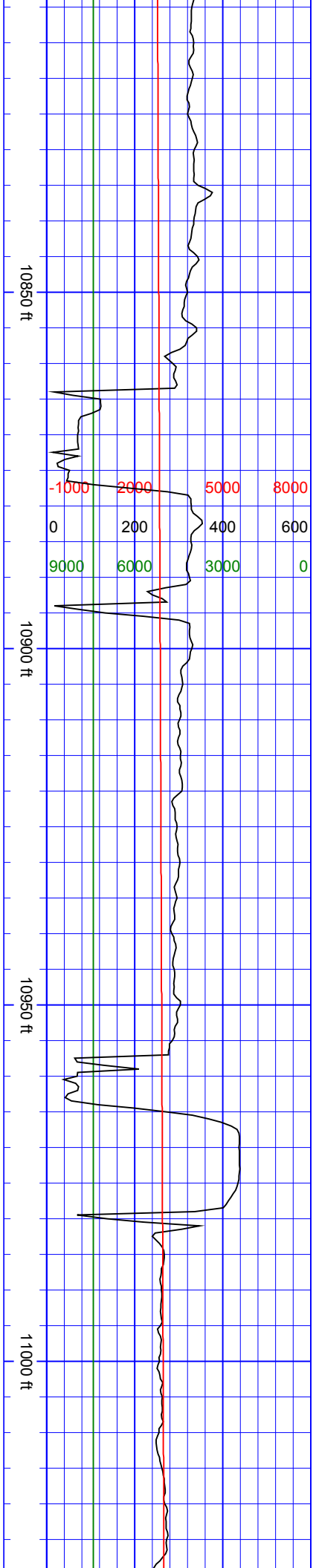


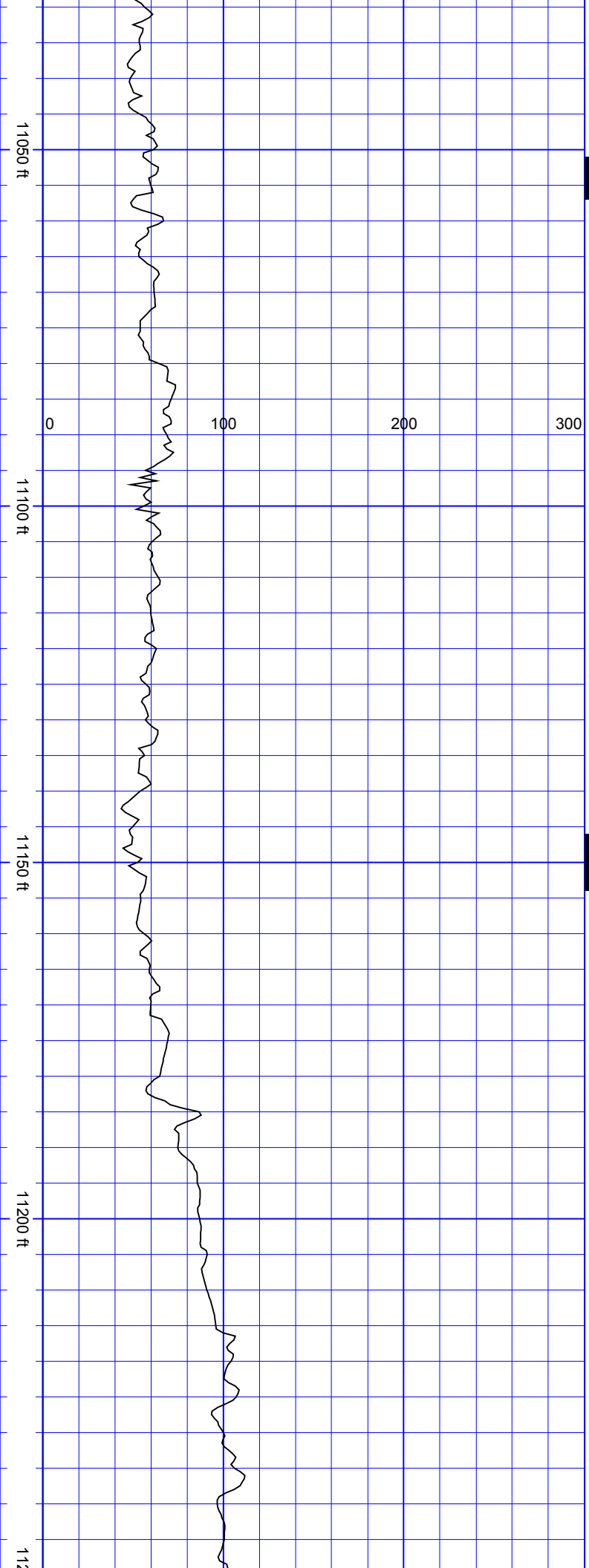
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SurveyDepth:10893
TVD:7395.69 Inc:90.04
Azi:359.3
VertSec:2869.43

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SurveyDepth:10987
TVD:7395.77 Inc:89.87
Azi:358.07
VertSec:2963.2



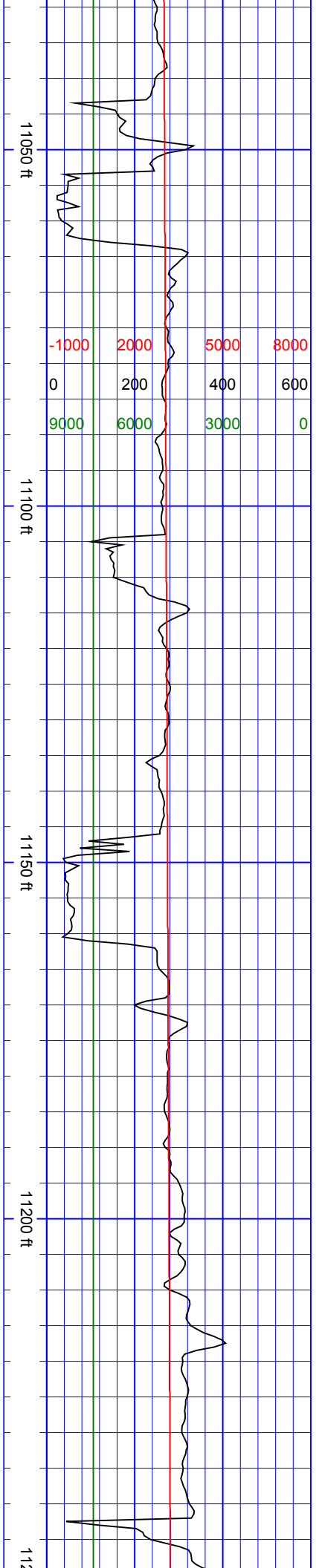


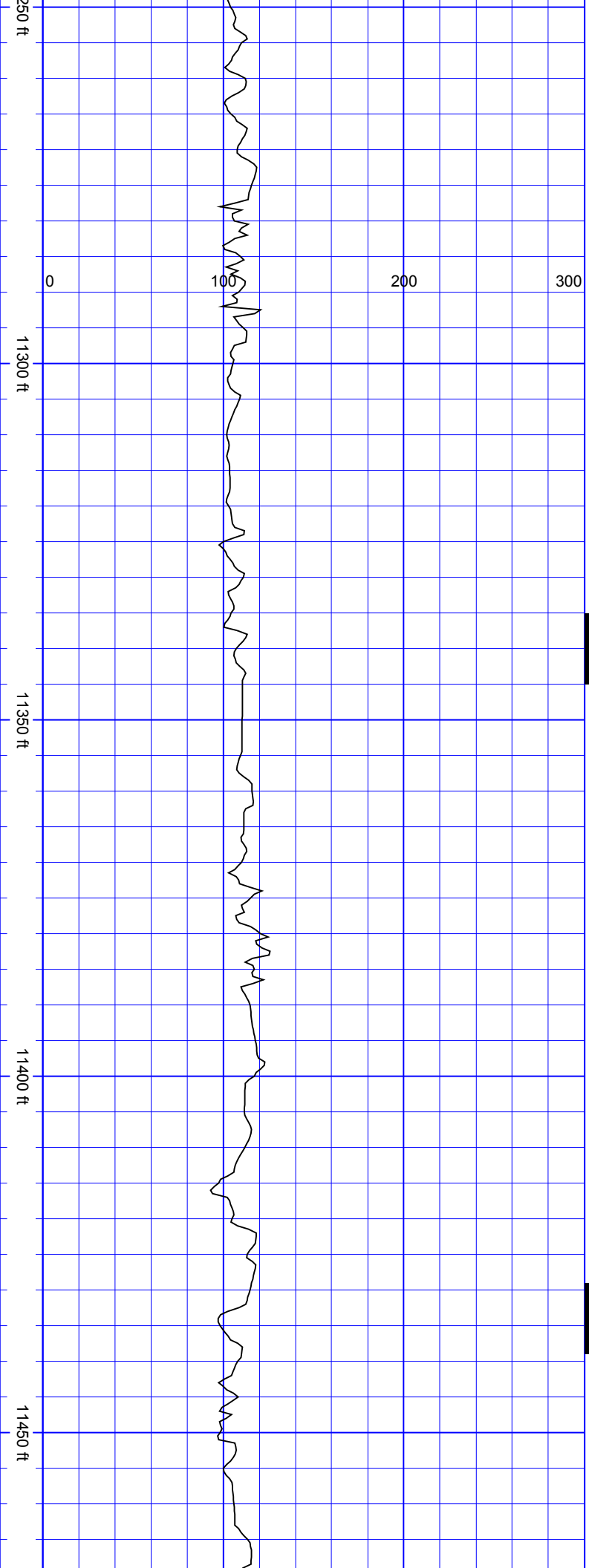
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SurveyDepth:11082
TVD:7396.17 Inc:89.65
Azi:359.3
VertSec:3057.96

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SurveyDepth:11176
TVD:7397.97 Inc:88.15
Azi:358.59
VertSec:3151.74





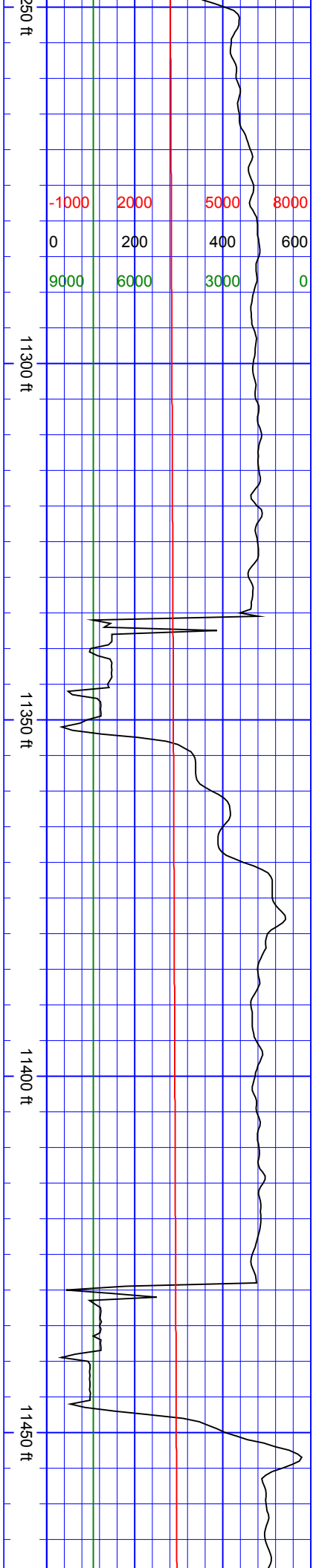
SurveyDepth:11271
TVD:7402.06 Inc:86.92
Azi:358.15
VertSec:3246.38

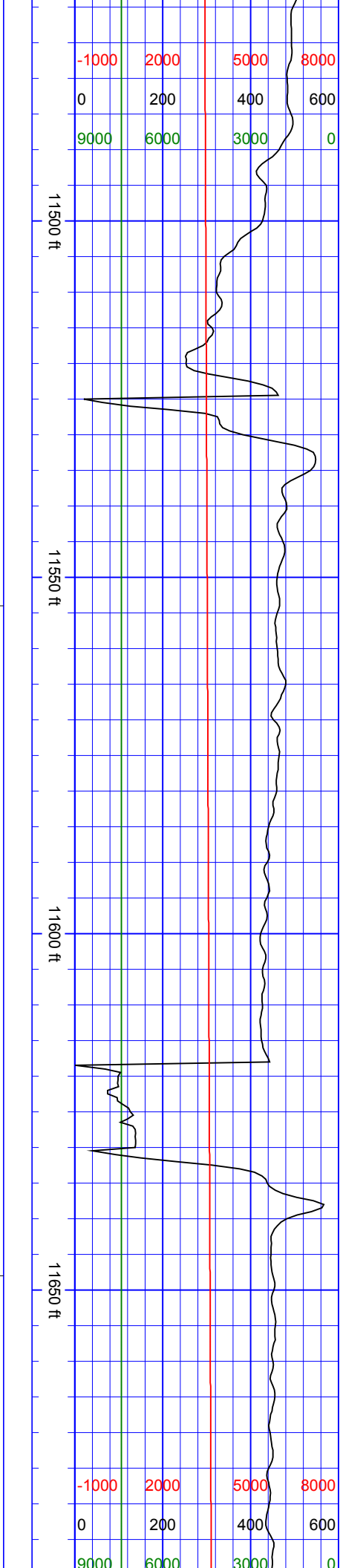
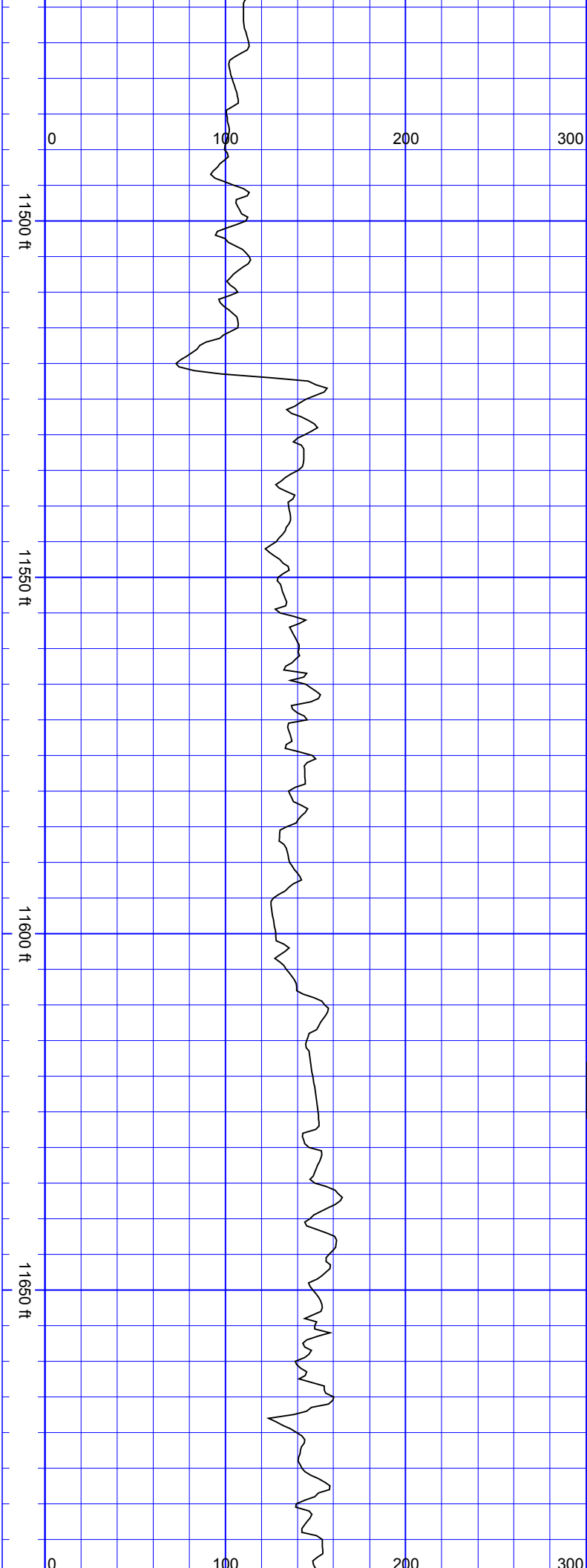
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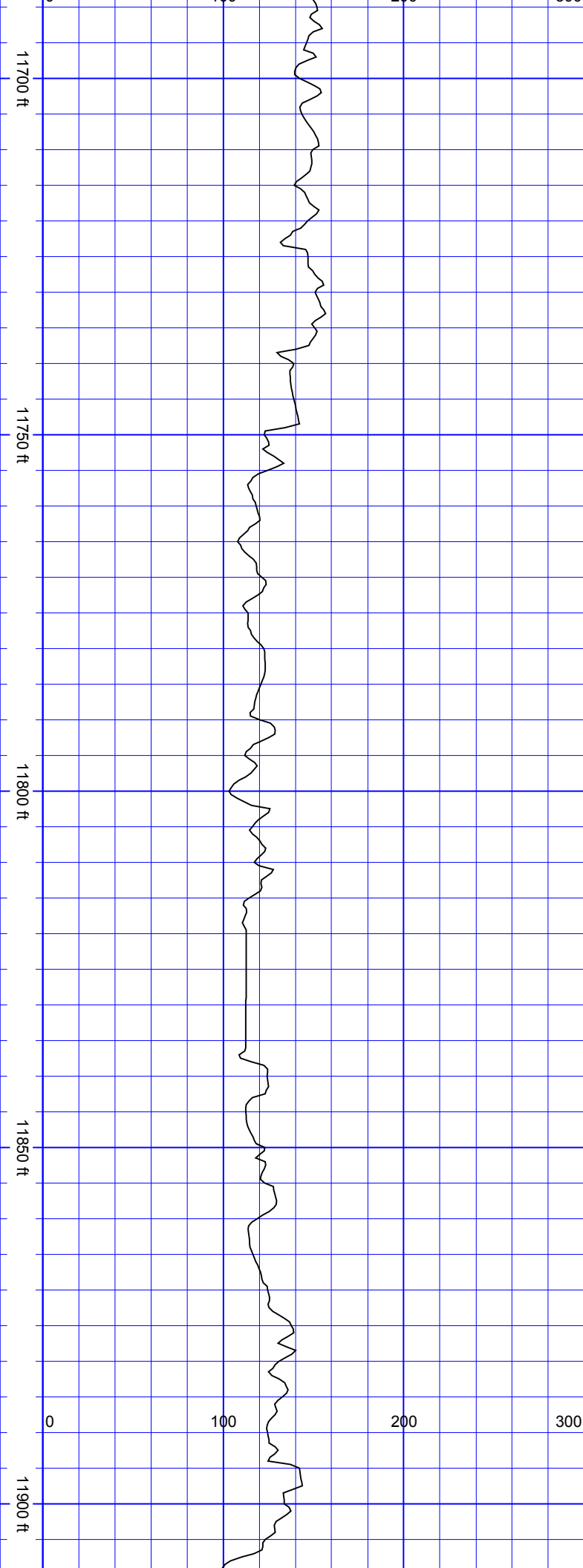
SurveyDepth:11365
TVD:7406.24 Inc:87.98
Azi:358.68
VertSec:3340.02

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SurveyDepth:11460
TVD:7407.55 Inc:90.44
Azi:359.65
VertSec:3434.82



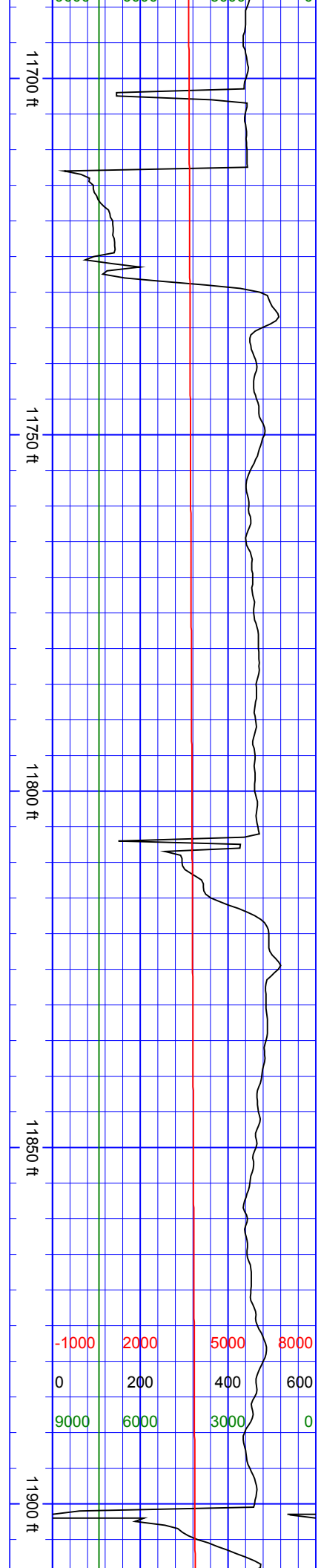


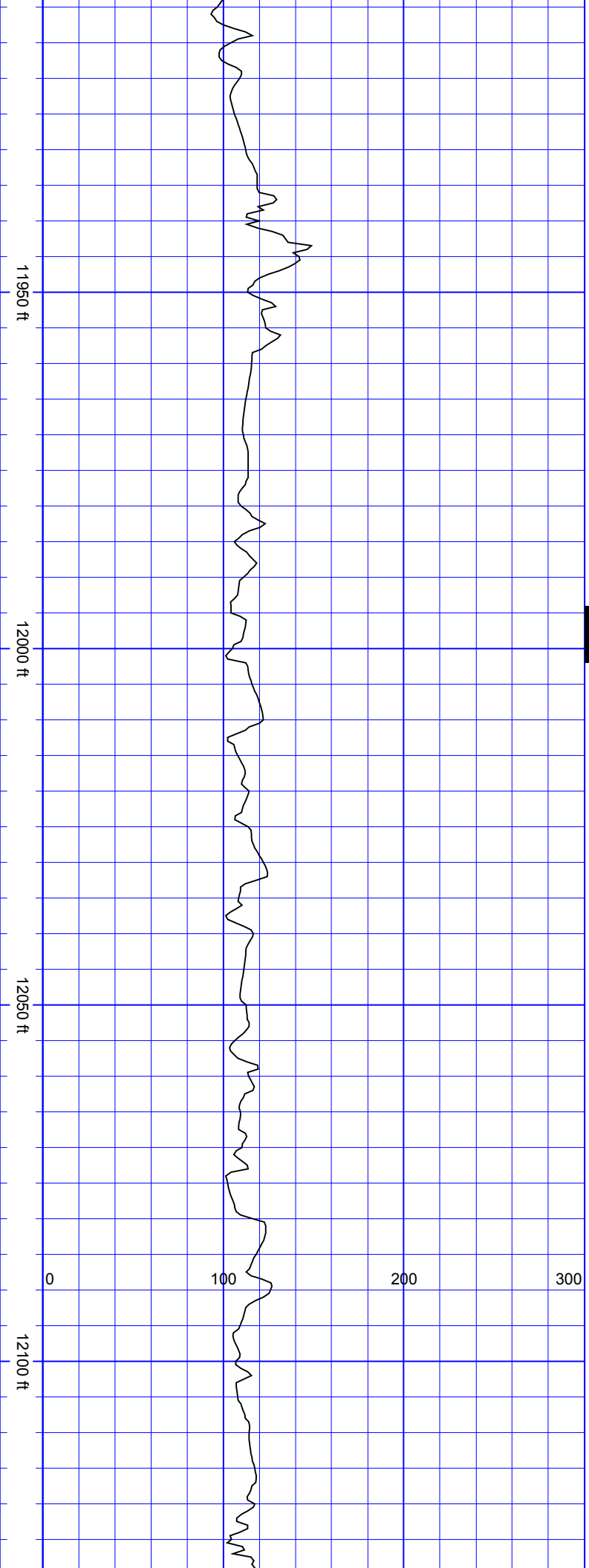


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SurveyDepth:11742
TVD:7409.08 Inc:90.31
Azi:0.26
VertSec:3716.35

SurveyDepth:11837
TVD:7408.46 Inc:90.44
Azi:359.91
VertSec:3811.25



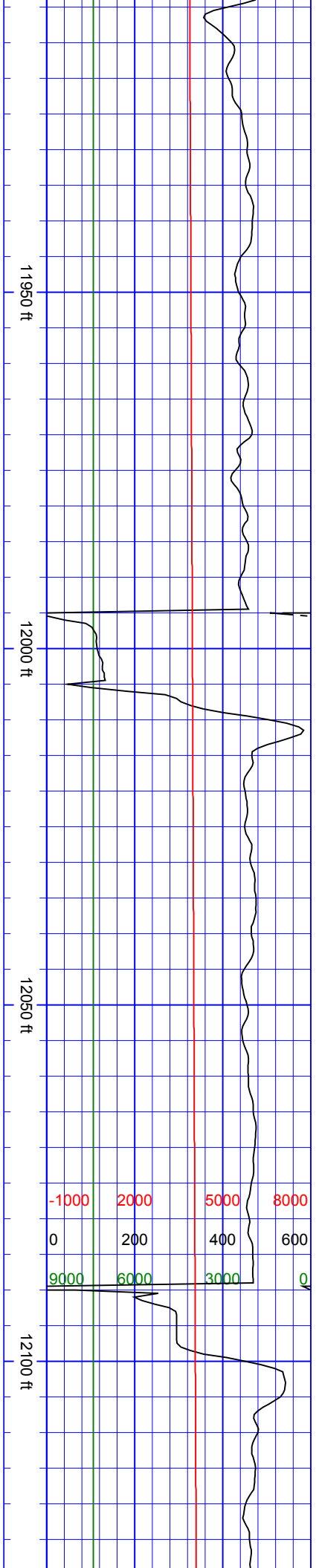


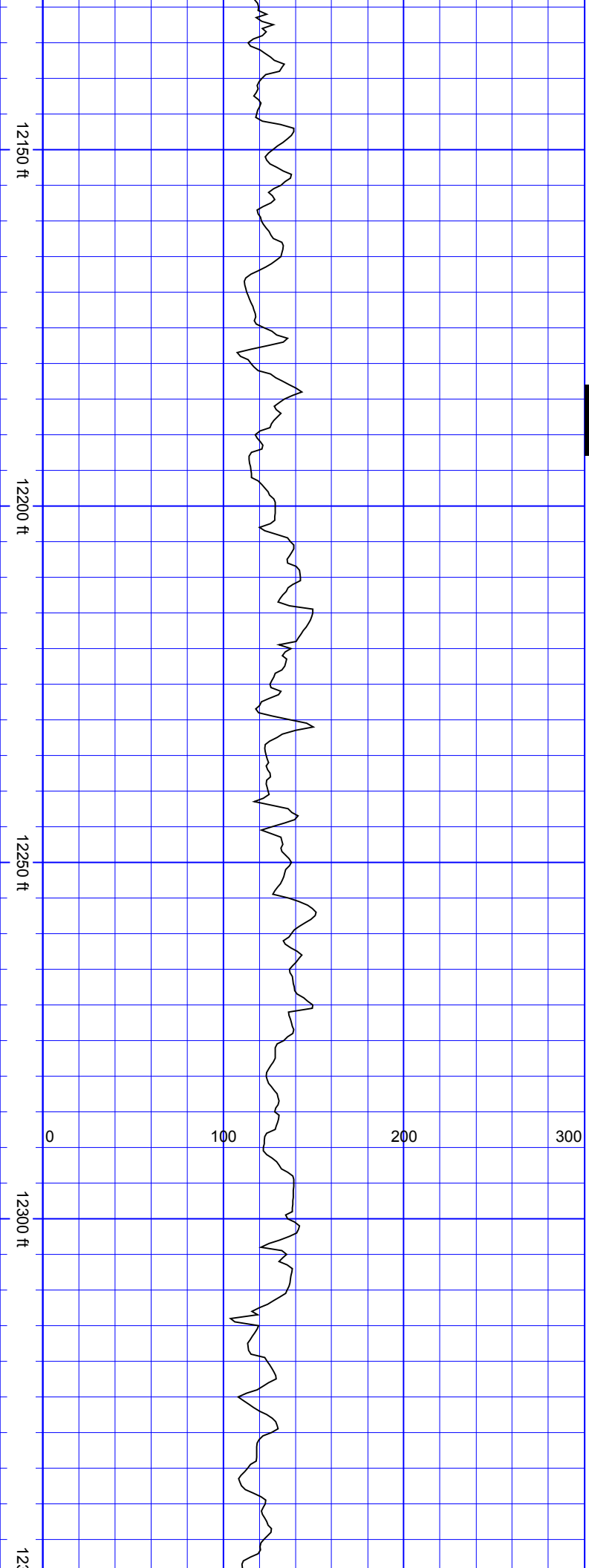
SurveyDepth:11930
TVD:7407.36 Inc:90.92
Azi:0.35
VertSec:3904.15

SurveyDepth:12025
TVD:7407.43 Inc:88.99
Azi:0.26
VertSec:3999.06

SurveyDepth:12119
TVD:7409.3 Inc:88.73
Azi:359.56
VertSec:4092.93

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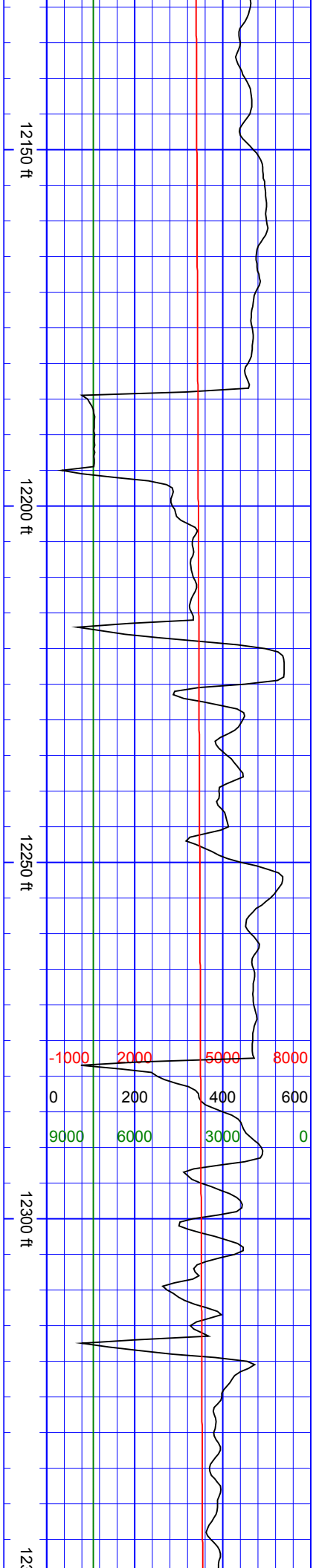




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SurveyDepth:12213
TVD:7410.16 Inc:90.22
Azi:0.61
VertSec:4186.82

SurveyDepth:12308
TVD:7409.91 Inc:90.09
Azi:0.35
VertSec:4281.75

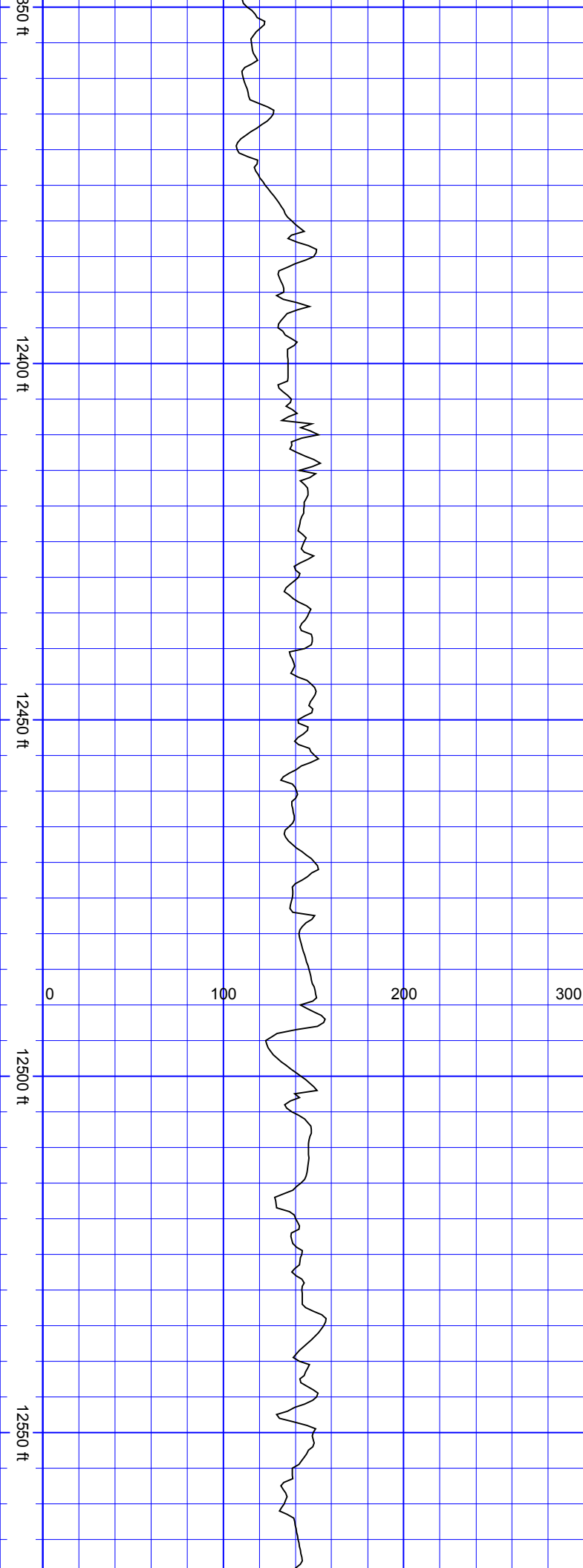


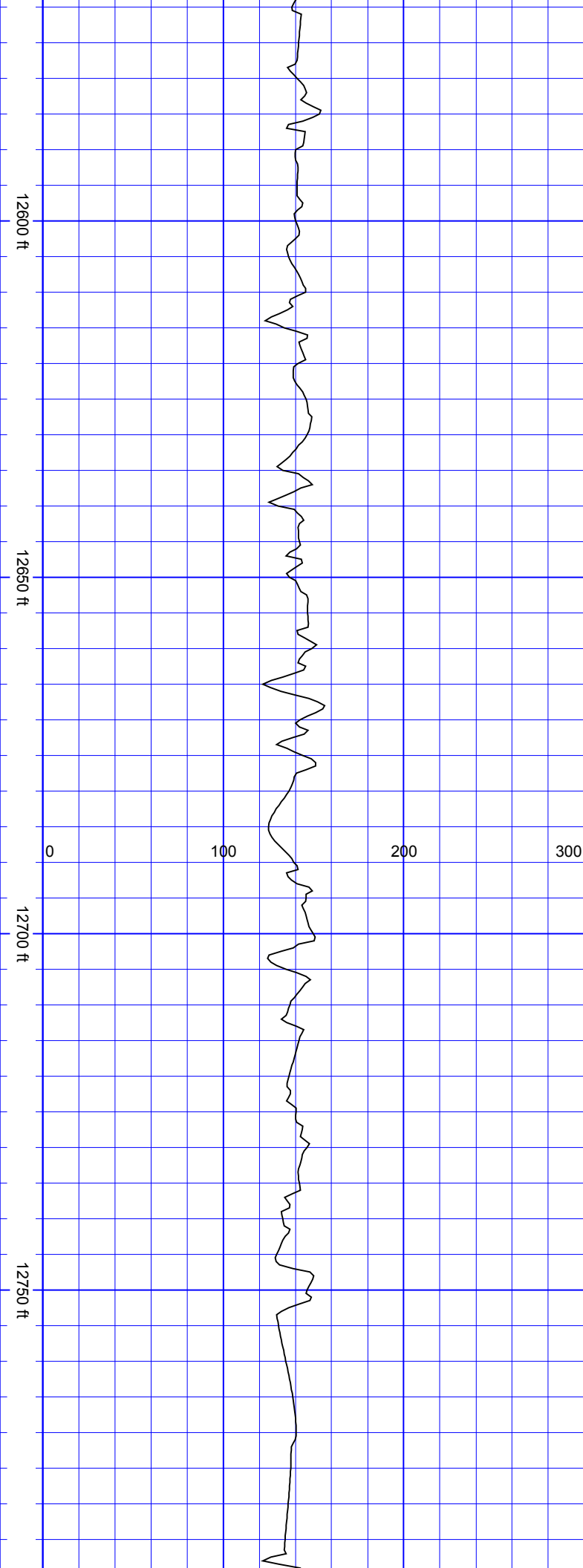


SurveyDepth:12402
TVD:7410.16 Inc:89.6
Azi:359.3
VertSec:4375.63

SurveyDepth:12496
TVD:7409.84 Inc:90.79
Azi:358.24
VertSec:4469.4

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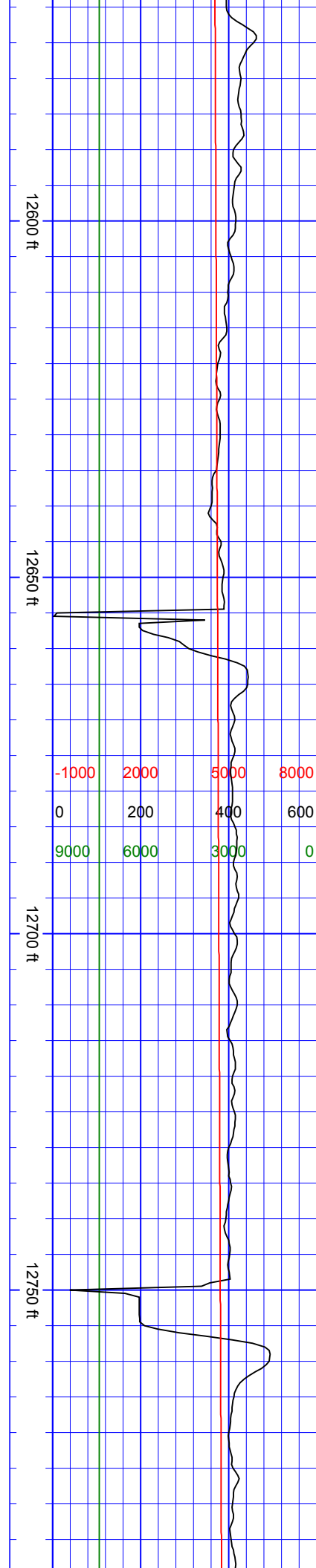


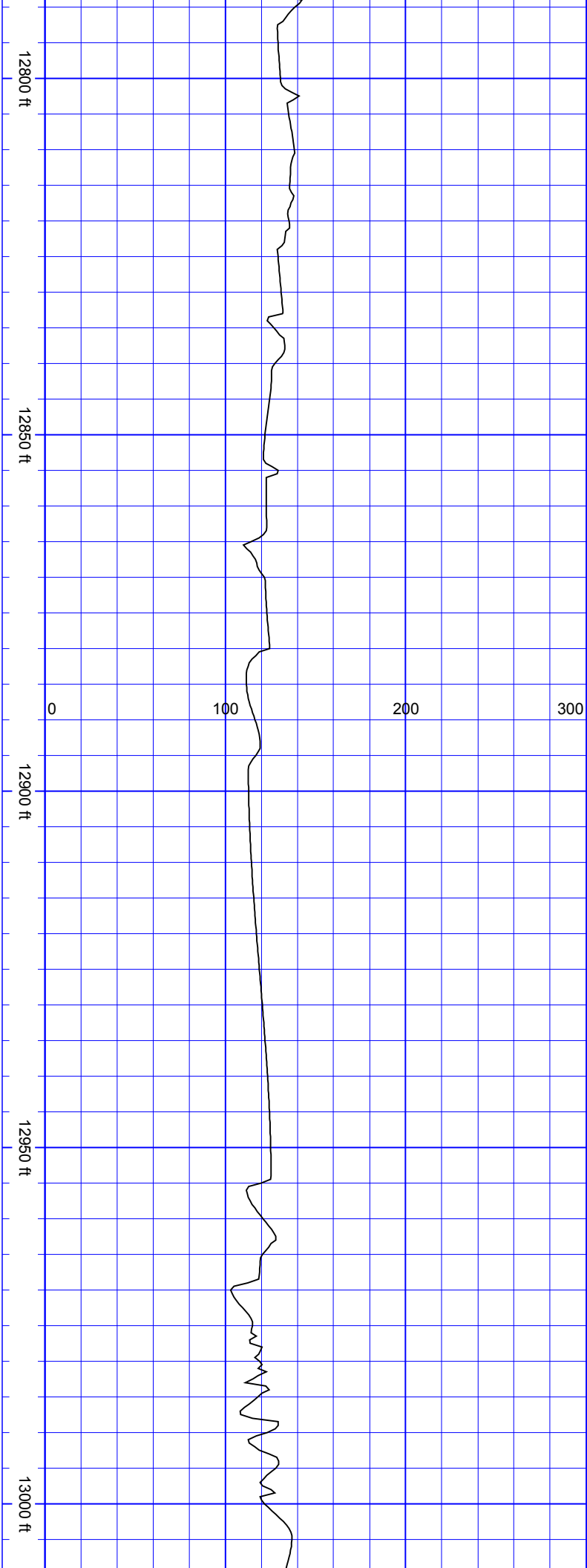


SurveyDepth:12590
TVD:7408.86 Inc:90.4
Azi:358.59
VertSec:4563.13

SurveyDepth:12685
TVD:7408.46 Inc:90.09
Azi:358.07
VertSec:4657.85

SurveyDepth:12780
TVD:7408.09 Inc:90.35
Azi:358.68
VertSec:4752.58



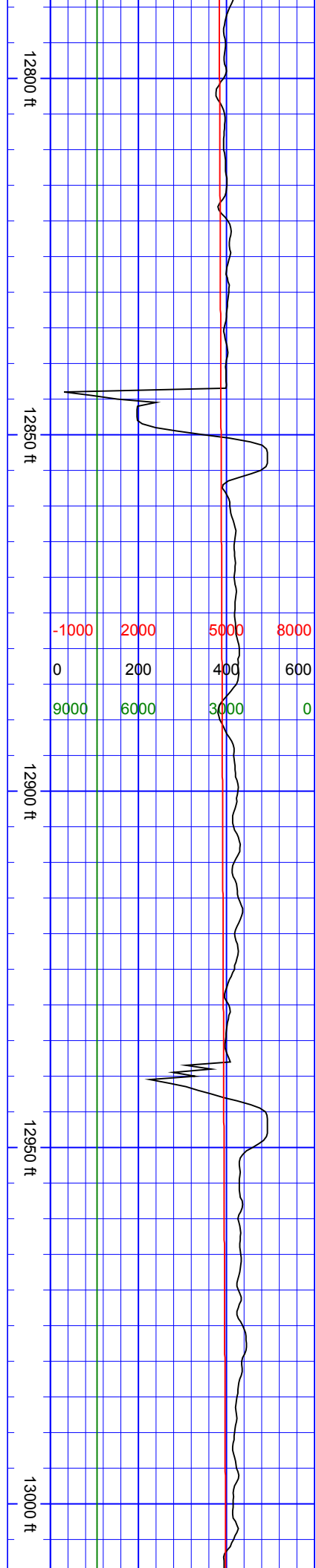


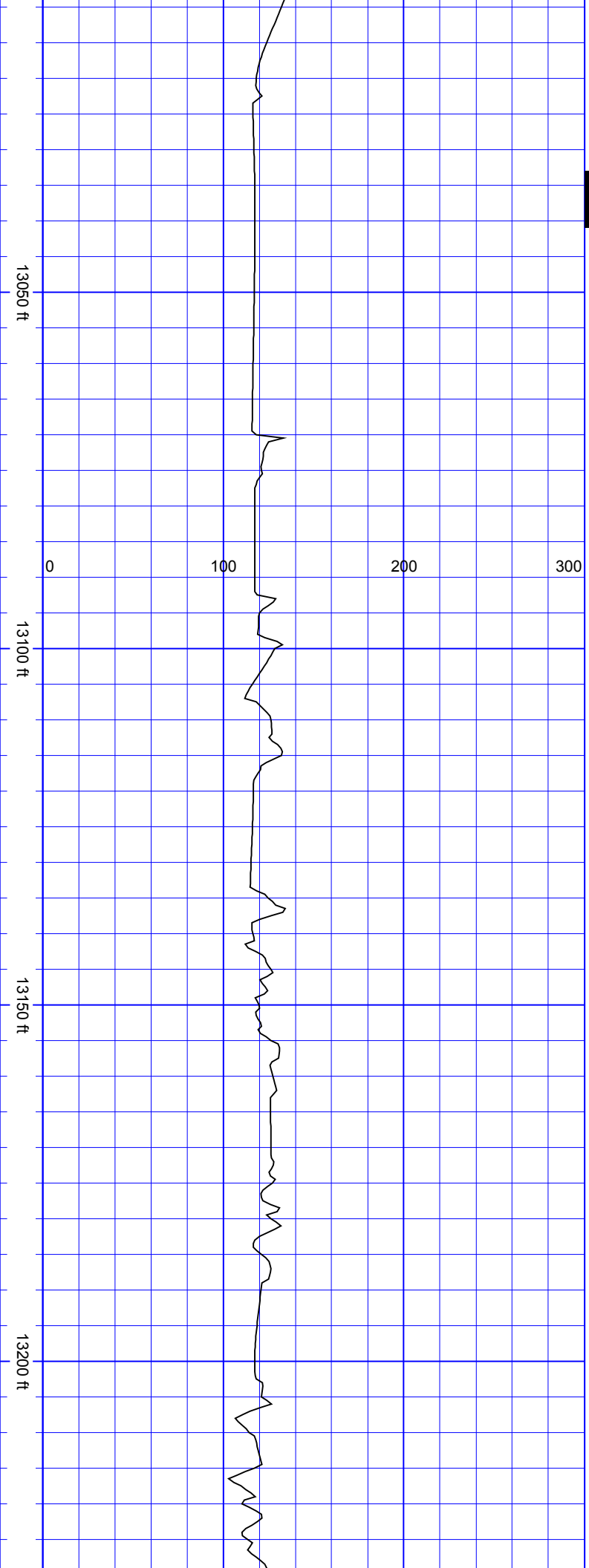
VertSec:4752.55

SurveyDepth:12874
TVD:7407.19 Inc:90.75
Azi:358.5
VertSec:4846.33

SurveyDepth:12969

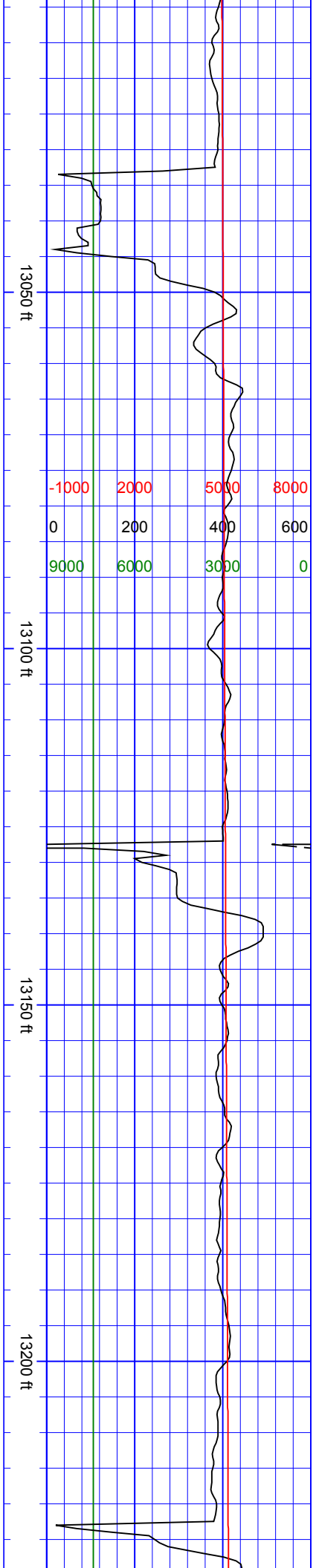
TVD:7406.1 Inc:90.57
Azi:358.33
VertSec:4941.06



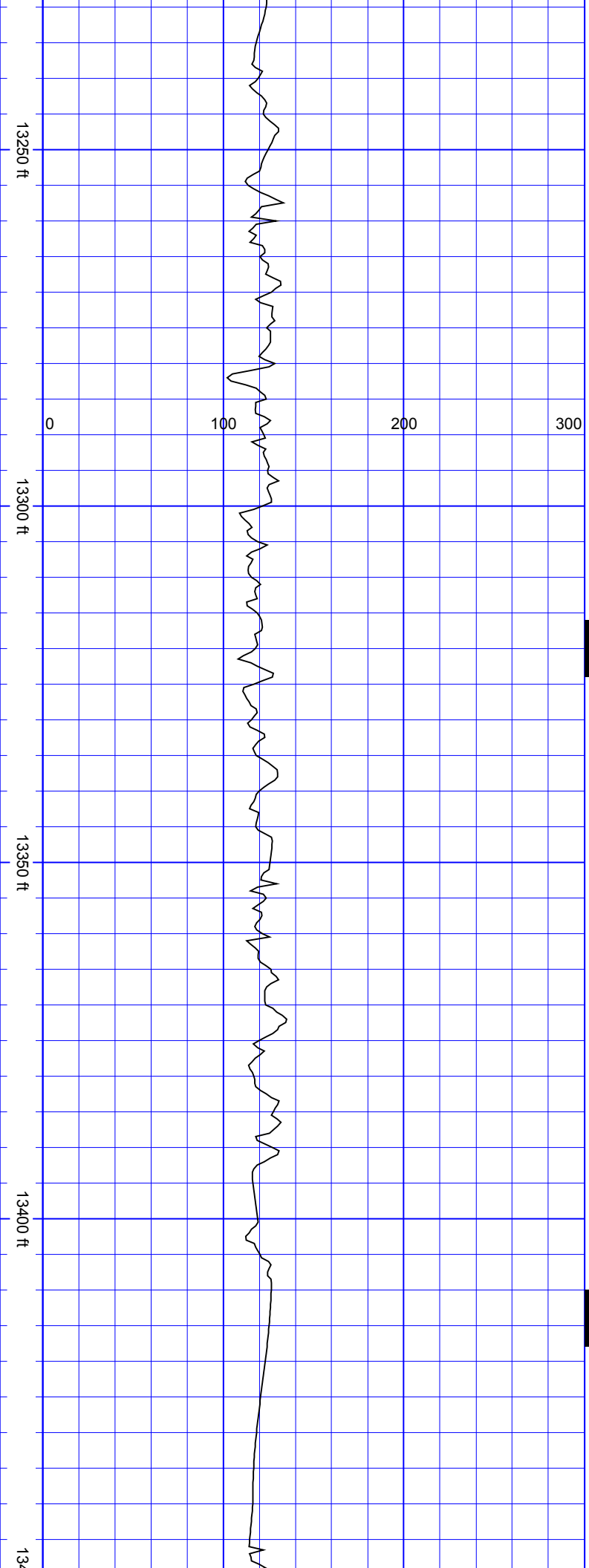


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SurveyDepth:13063
TVD:7405.52 Inc:90.13
Azi:359.74
VertSec:5034.86



SurveyDepth:13158
TVD:7405.52 Inc:89.87
Azi:358.86
VertSec:5129.69



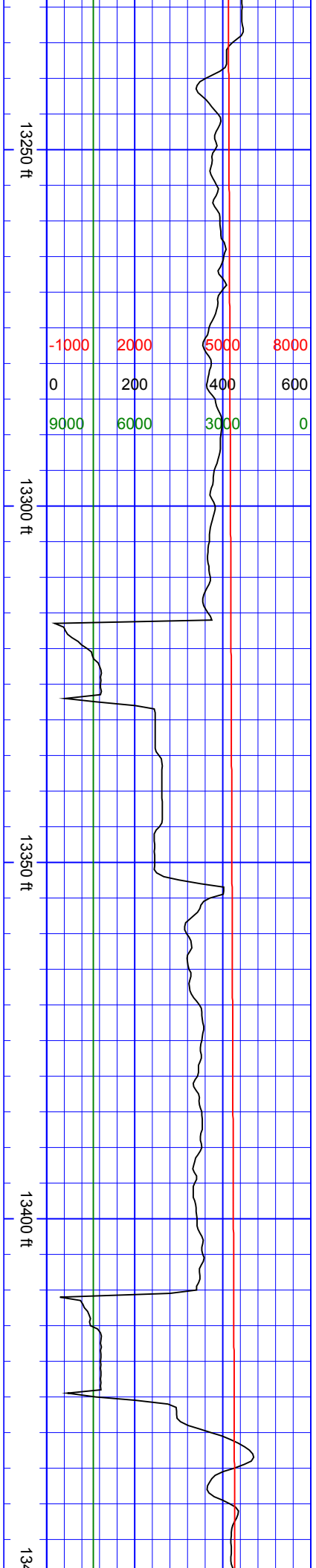
SurveyDepth:13252
TVD:7406.06 Inc:89.47
Azi:358.59
VertSec:5223.46

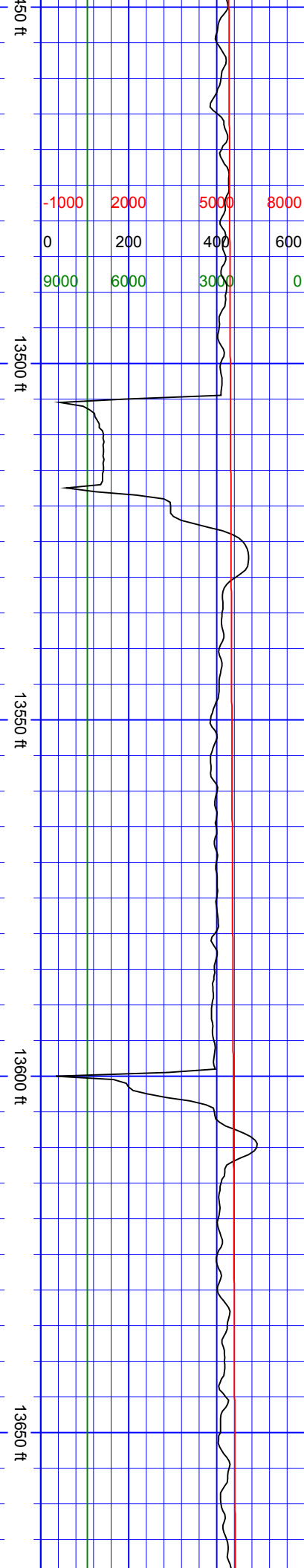
SurveyDepth:13346
TVD:7406.47 Inc:90.04
Azi:359.21
VertSec:5317.26

SurveyDepth:13440
TVD:7406.69 Inc:89.69
Azi:0.7 VertSec:5411.14

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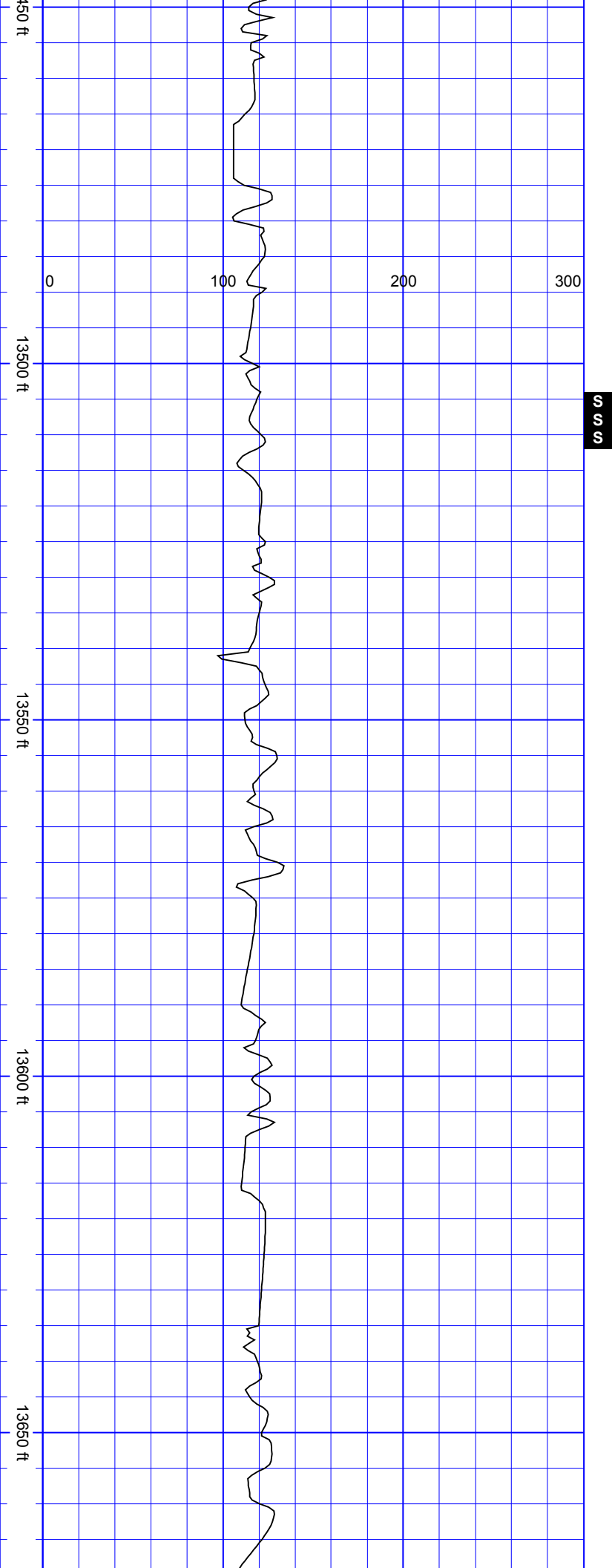
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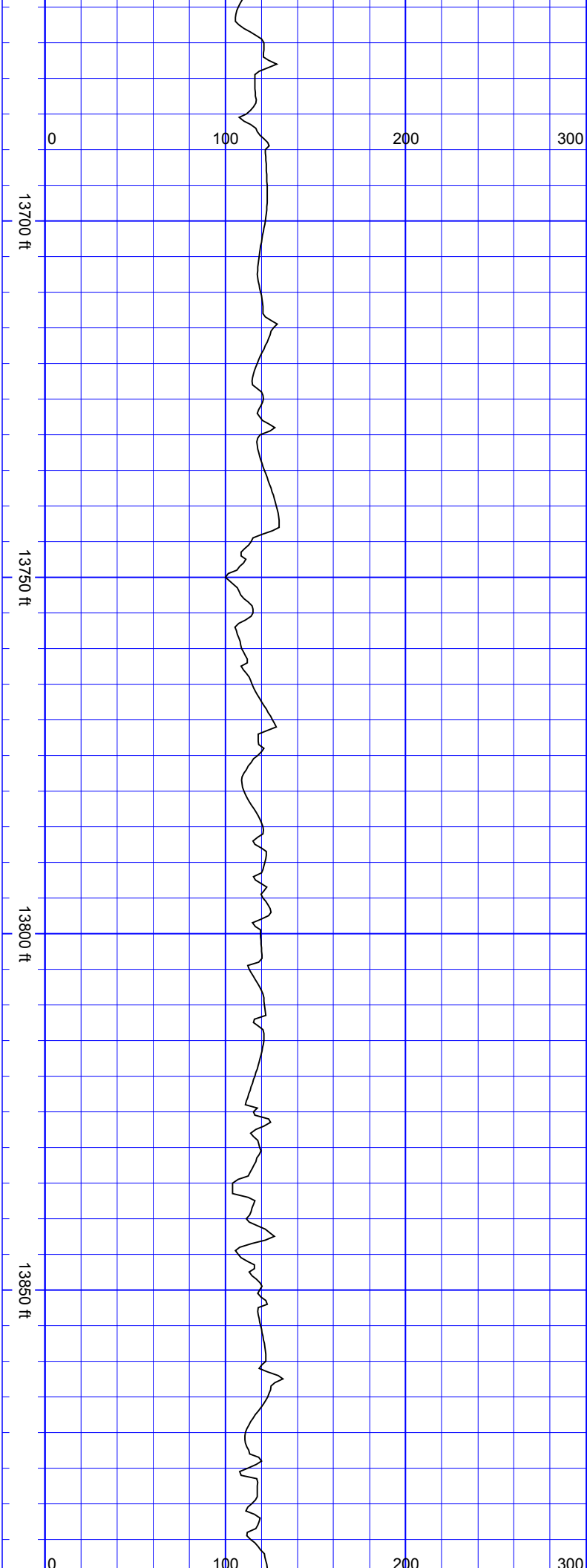




SurveyDepth:13535
TVD:7406.55 Inc:90.48
Azi:1.32 VertSec:5506.1

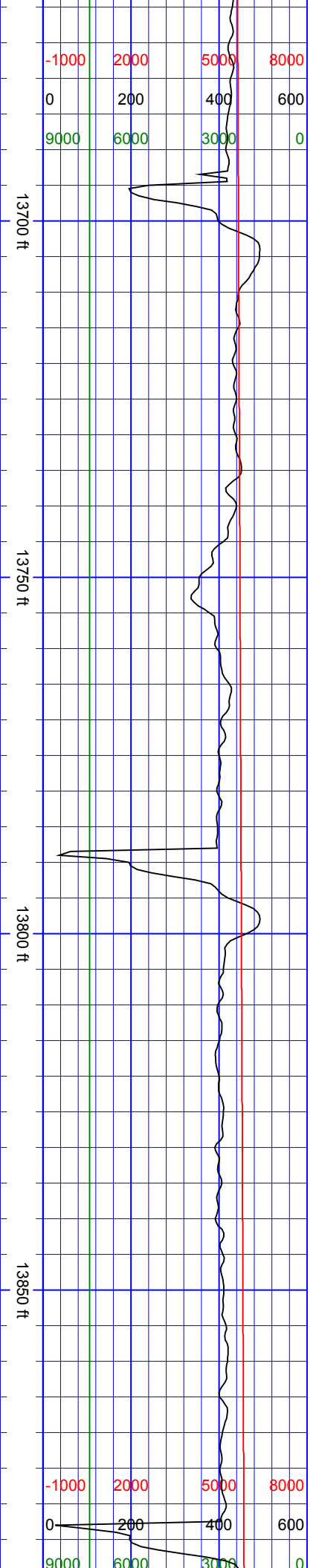
SurveyDepth:13629
TVD:7405.86 Inc:90.35
Azi:0.09
VertSec:5600.04

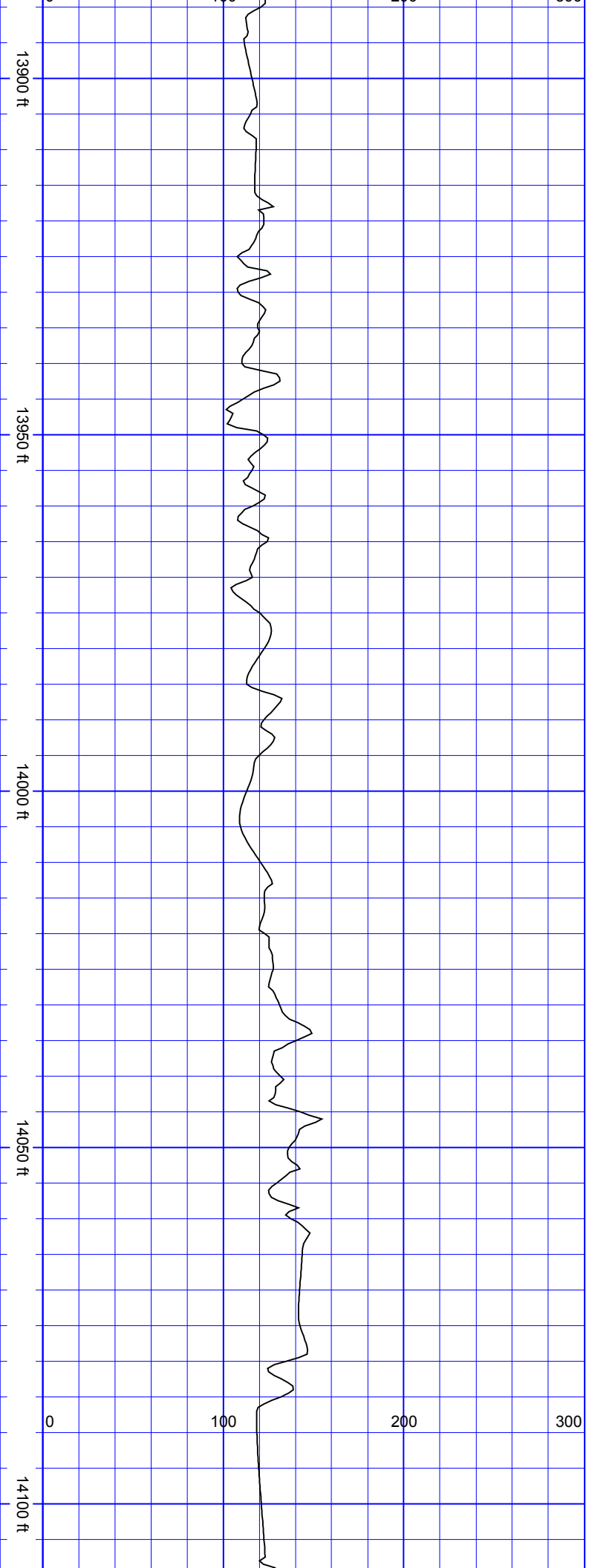




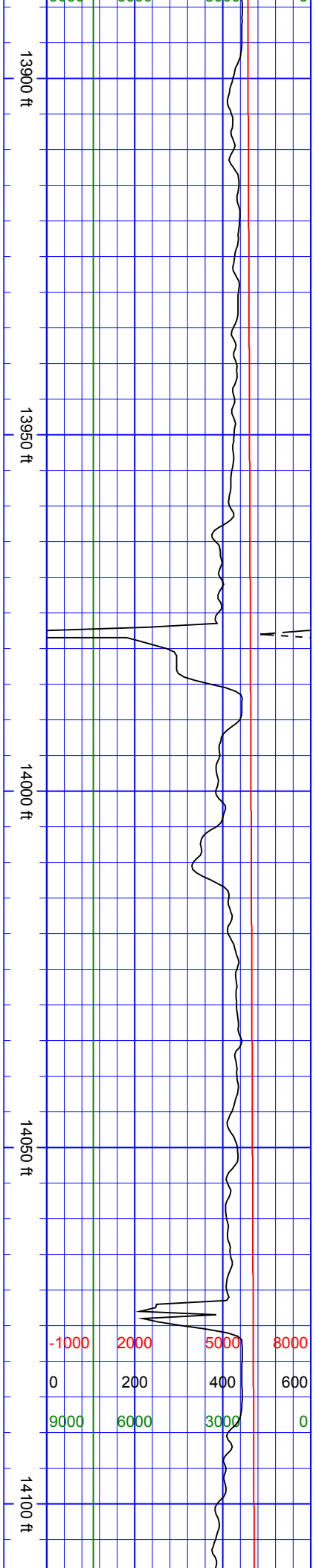
SurveyDepth:13724
TVD:7405.06 Inc:90.62
Azi:360 VertSec:5694.93

SurveyDepth:13818
TVD:7404.12 Inc:90.53
Azi:359.12
VertSec:5788.78





SurveyDepth:13913 TVD:7402.87 Inc:90.97 Azi:359.38 VertSec:5883.6
SurveyDepth:14007 TVD:7401.39 Inc:90.84 Azi:359.03 VertSec:5977.42
SurveyDepth:14102 TVD:7399.31 Inc:91.67 Azi:358.86



VertSec:6072.19

SurveyDepth:14197
TVD:7397.19 Inc:90.88
Azi:359.82 VertSec:6167

SurveyDepth:14292
TVD:7395.45 Inc:91.23
Azi:358.59
VertSec:6261.8

August 22, 2018

14150 ft

14200 ft

14250 ft

14300 ft

0 100 200 300

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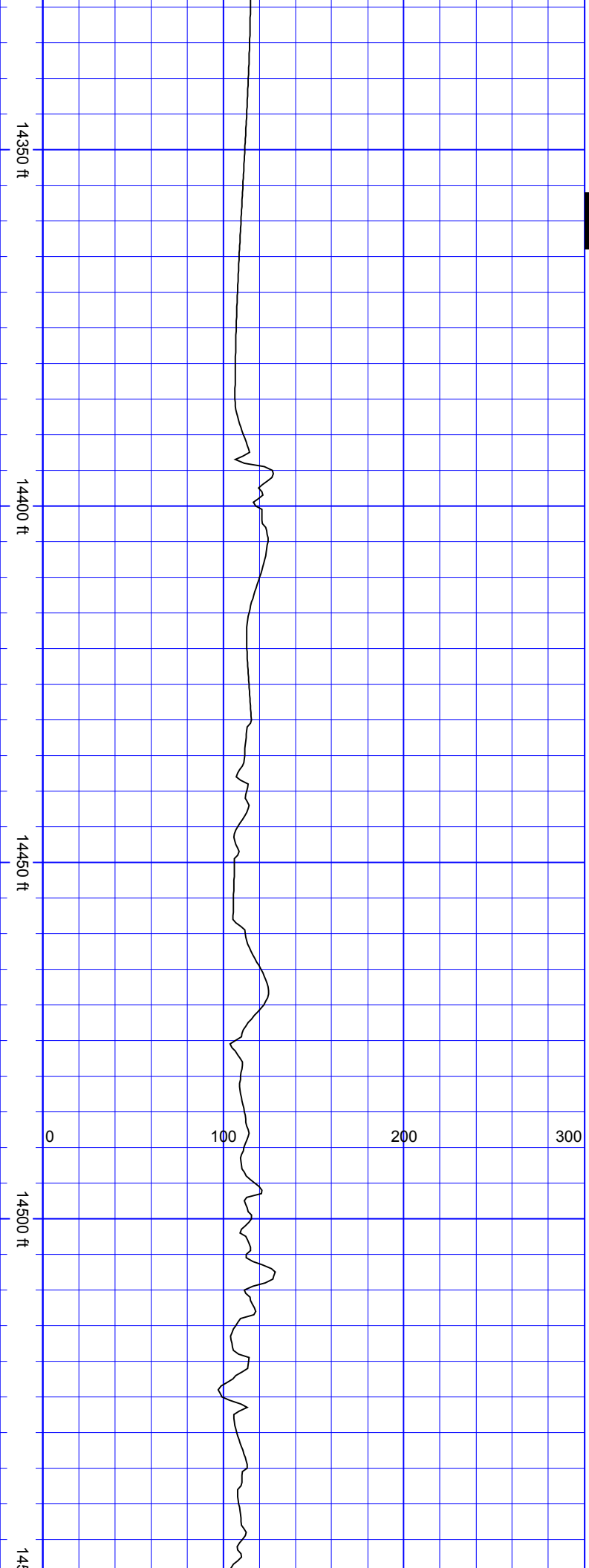
14150 ft

14200 ft

14250 ft

14300 ft

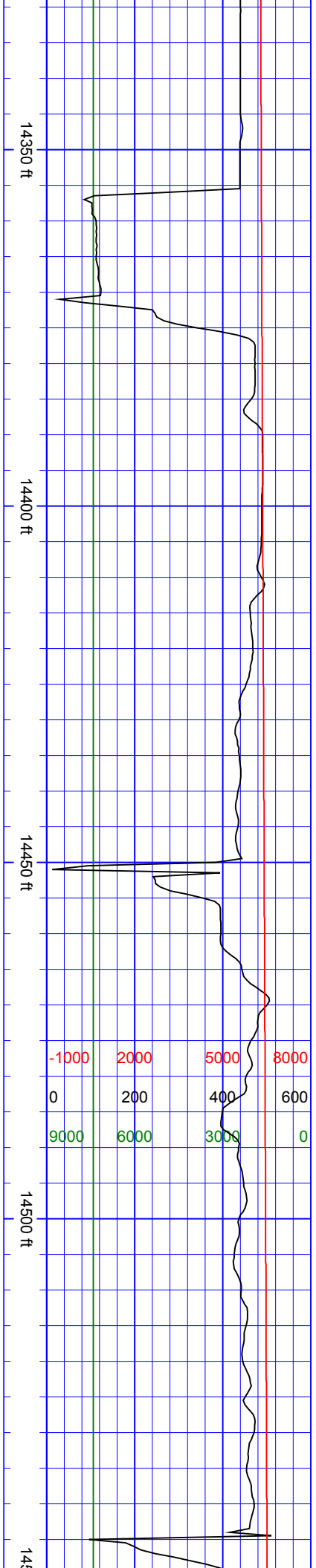
-1000	2000	5000	8000
0	200	400	600
9000	6000	3000	0



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SurveyDepth:14386
TVD:7394.94 Inc:89.39
Azi:359.03
VertSec:6355.58

SurveyDepth:14480
TVD:7396.27 Inc:88.99
Azi:358.24
VertSec:6449.33



SurveyDepth:14574
TVD:7397.96 Inc:88.95
Azi:356.75
VertSec:6542.92

SurveyDepth:14669
TVD:7399.48 Inc:89.21
Azi:358.68
VertSec:6637.55

SurveyDepth:14715
TVD:7400.1 Inc:89.25
Azi:357.98
VertSec:6683.41

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-1000	2000	5000	8000
0	200	400	600
9000	6000	3000	0

