



Build & Lateral

Job #:

185225

Well ID:

16191030

Scale:

5" = 100 ft

Type:

MD

Well Site Information

Oil Company Crestone Peak Resources

Surface Location S4-T2N-R66W

Well Name DAVIS 1L-9H-G266

API 05-123-46681-00

Field DJ BASIN

State CO

Country USA

Surface Coordinates

Well Type Horizontal

Latitude 40° 9' 16 N

Longitude 104° 46' 41 W

N / S Coordinates 1,299,910.16 us/ft

E / W Coordinates 3,201,830.74 us/ft

Azimuth Reference True North

Grid Convergence 0.47°

MWD Engineers

Lead Hand Bob Stahlecker

Second Hand Chad Vallad

Perm Datum Ground Elevation 4,917.00 ft

Log depth measured from KB is 23.00 ft above perm datum. KB = 4,940.00 ft

Total Depth 15,506.00 ft Spud Date Jul/24/2018 End Date Jul/27/2018

(MD) Log Interval Start Depth 2,302.94 ft End Depth 15,506.10 ft

Bore Hole Record

Hole Size	From	To
13.50 in	0.00 ft	2,285.00 ft
8.50 in	2,285.00 ft	15,506.00 ft

Casing Record

Type	Size	WGT	From	To
LT&C	9.63 in	40.00 lbs/ft	0.00 ft	2,285.00 ft
LT&C	5.50 in	20.00 lbs/ft	0.00 ft	15,506.00 ft

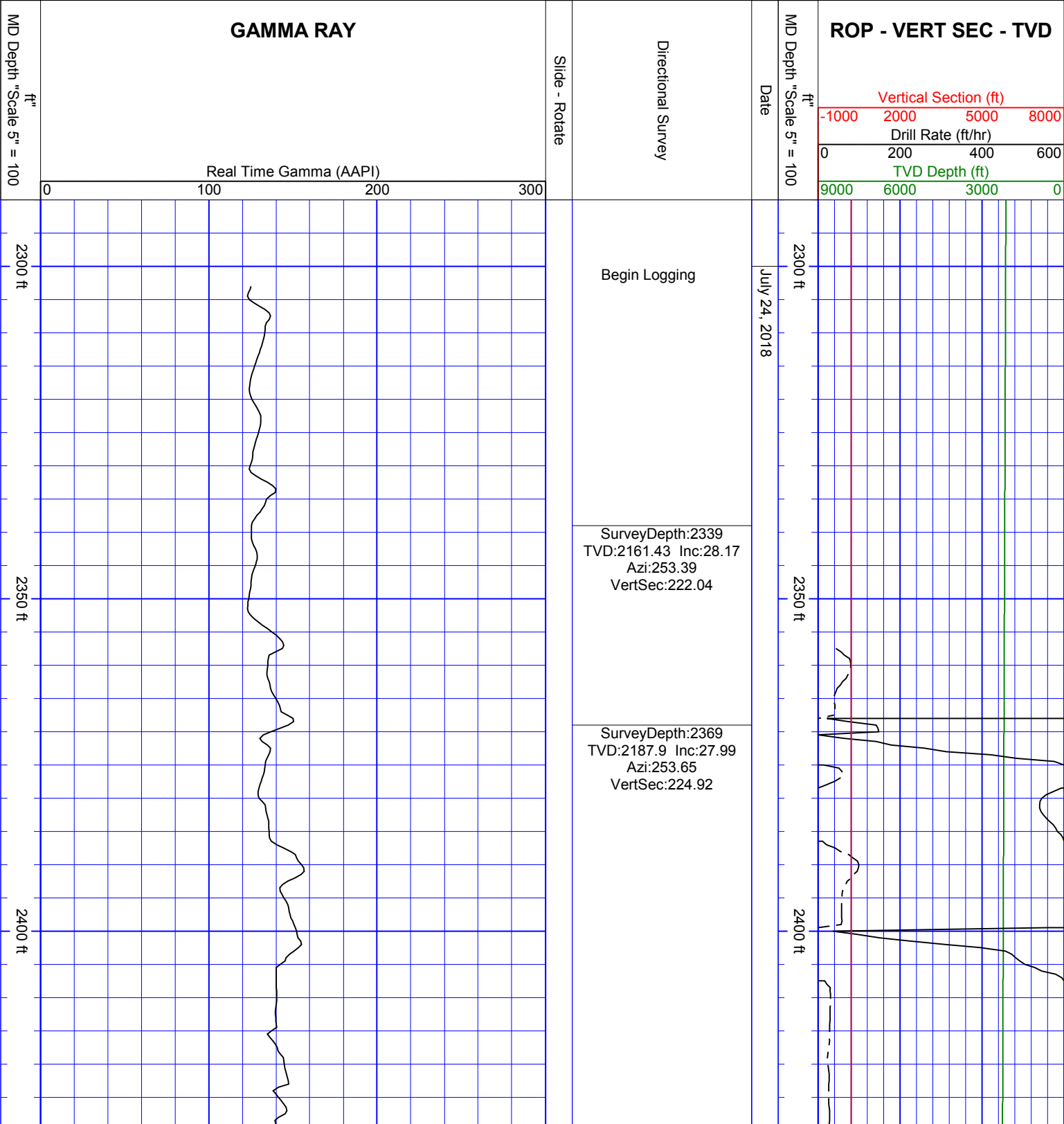
Run Data

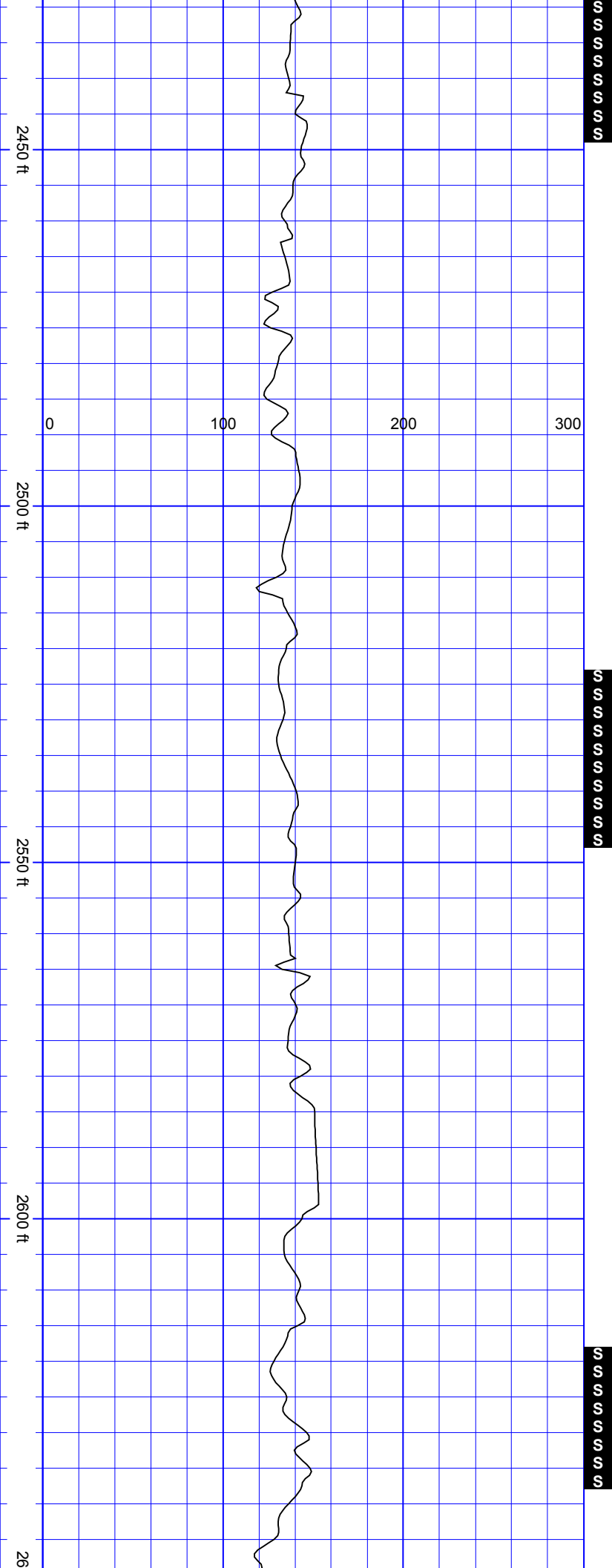
Bit Run Number	1				
Start Date & Time	Jul/24/2018 09:00:00				
End Date & Time	Jul/27/2018 16:00:00				
Run Hours	79.00				
Depth In	2,285.00 ft				
Depth Out	15,506.00 ft				
Total Gamma Correction	5.76				
Gamma to Bit	55.64 ft				
Resistivity to Bit	-				
Mud Type	Oil Based				
Density	10.10 ppg				
Viscosity	49.00 sec/qt				
PH	-				
Fluid Loss	15.00 cc				
K+ ppm	-				
CL- ppm	256,886.00 mg/L				
Max Mud Temp	257.00 °F				
Mud Report Depth	15,101.00 ft				

Remarks

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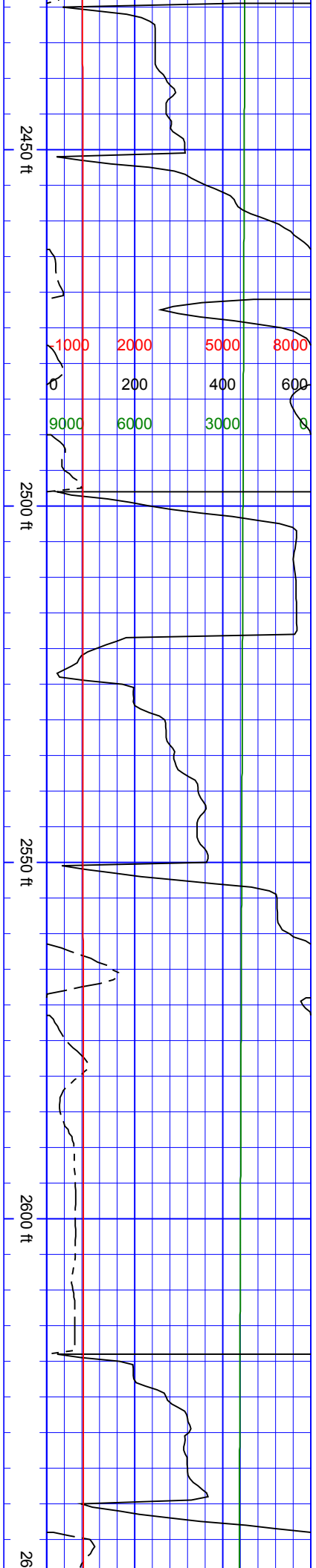
Interpretations of this data by Cathedral Energy Services will be of best judgment as to correctness. Cathedral Energy Services cannot and does not guarantee the accuracy or correctness of interpretations or any surveys derived therefrom. Cathedral Energy Services makes no warranties of performance, 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.

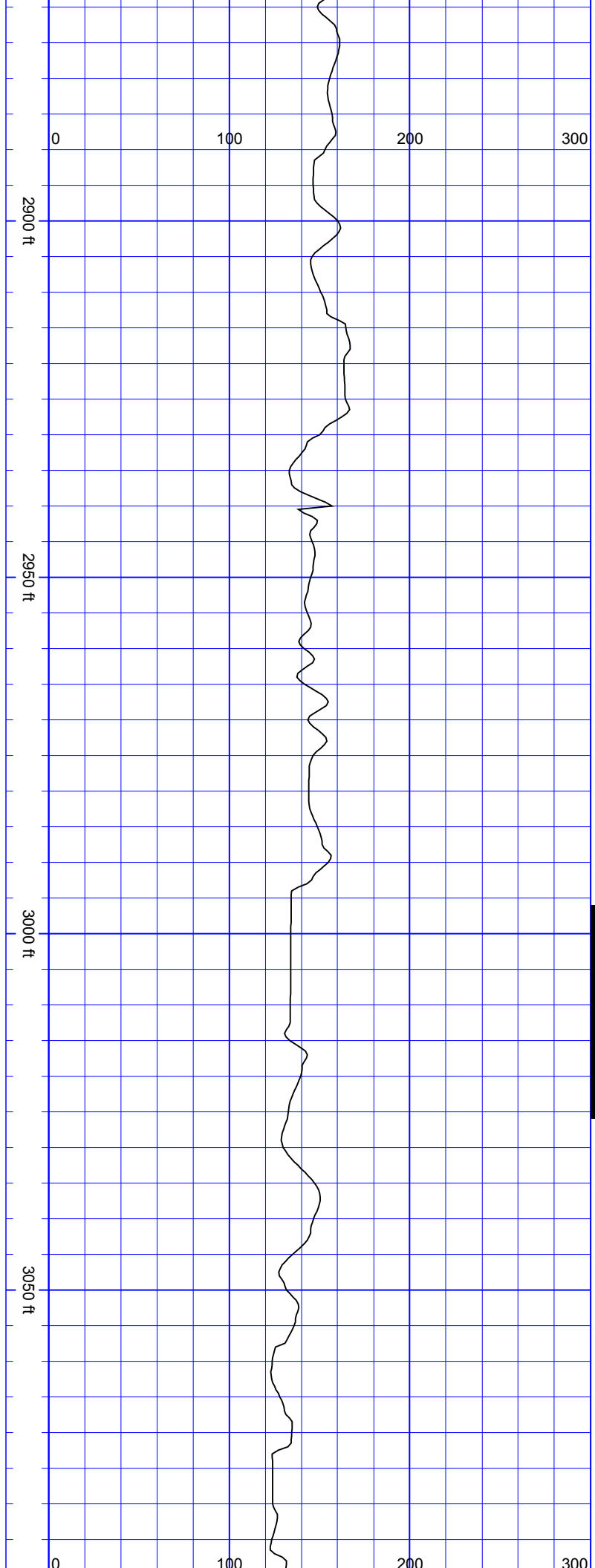




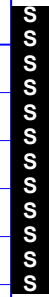
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TVD:2270.52 Inc:29
Azi:256.11
VertSec:235.12

SurveyDepth:2558
TVD:2352.84 Inc:30.89
Azi:259.36
VertSec:248.22

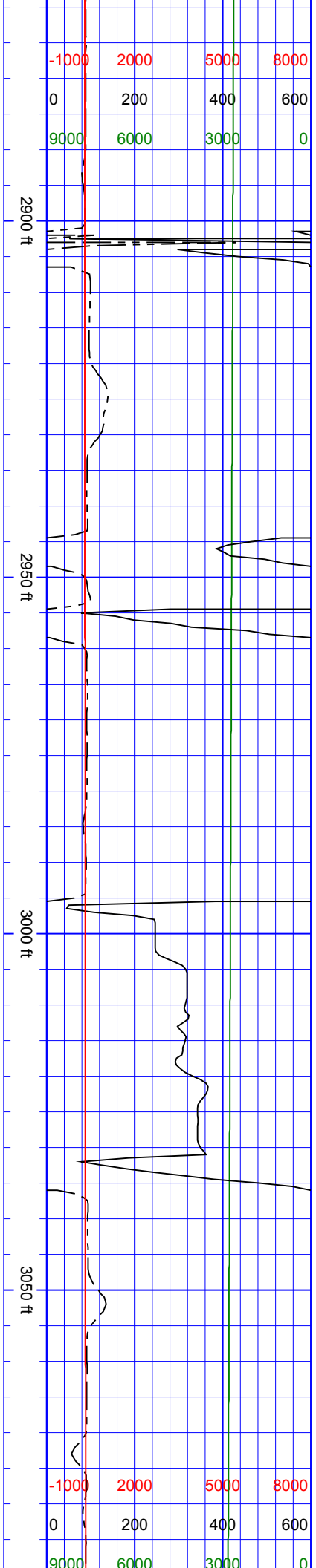


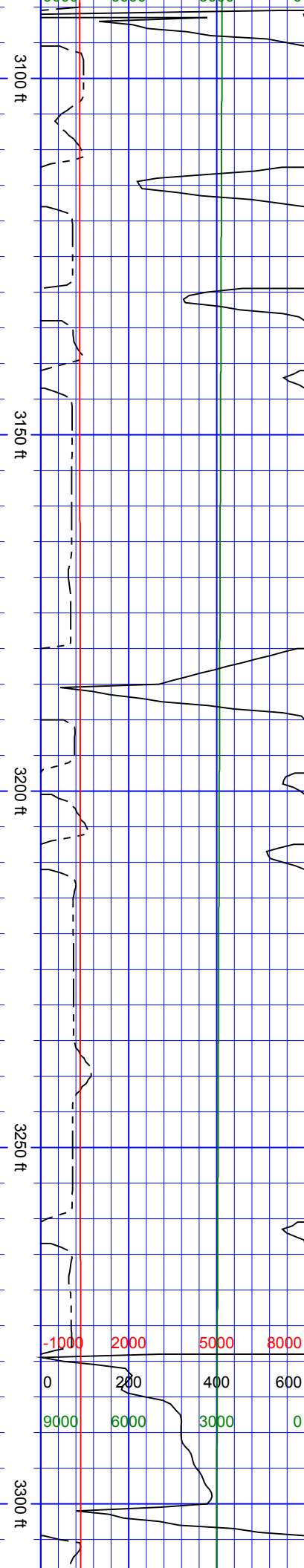


SurveyDepth:2936
TVD:2677.39 Inc:29.36
Azi:259.72
VertSec:309.9



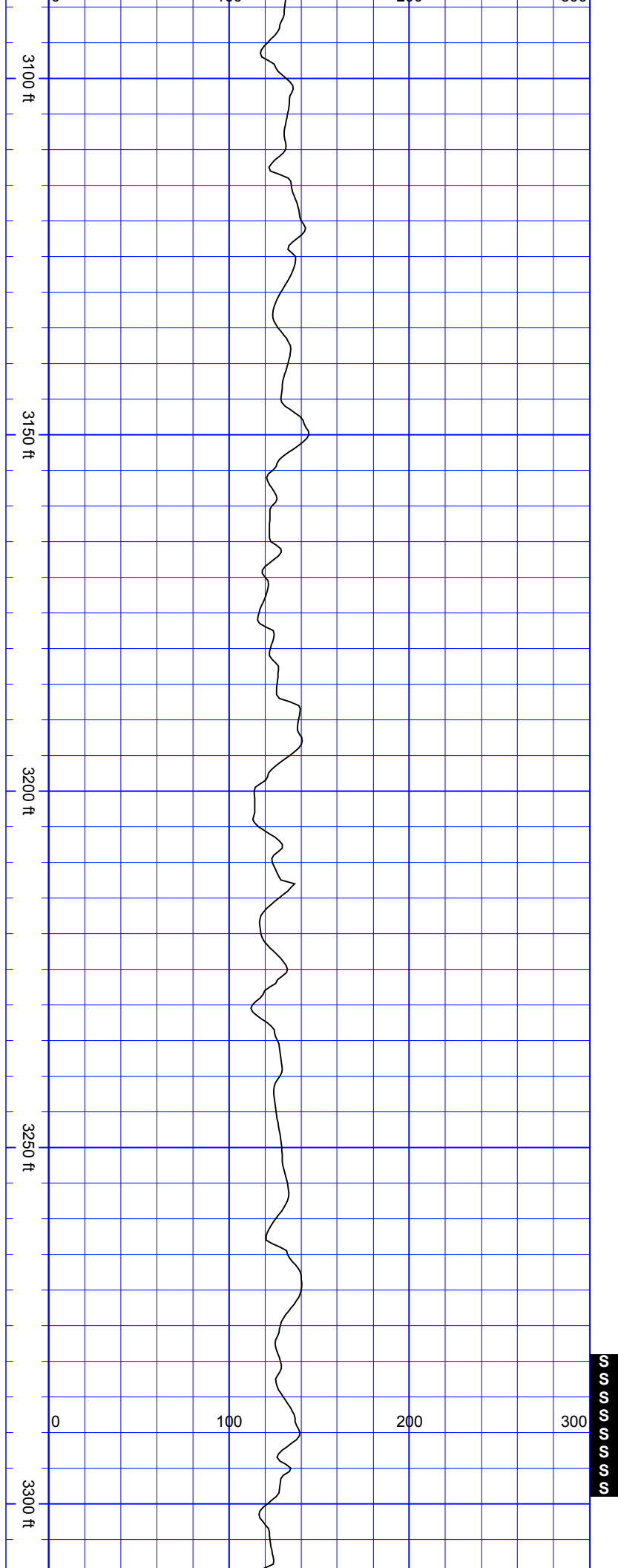
SurveyDepth:3030
TVD:2758.64 Inc:31.03
Azi:260.33
VertSec:324.73

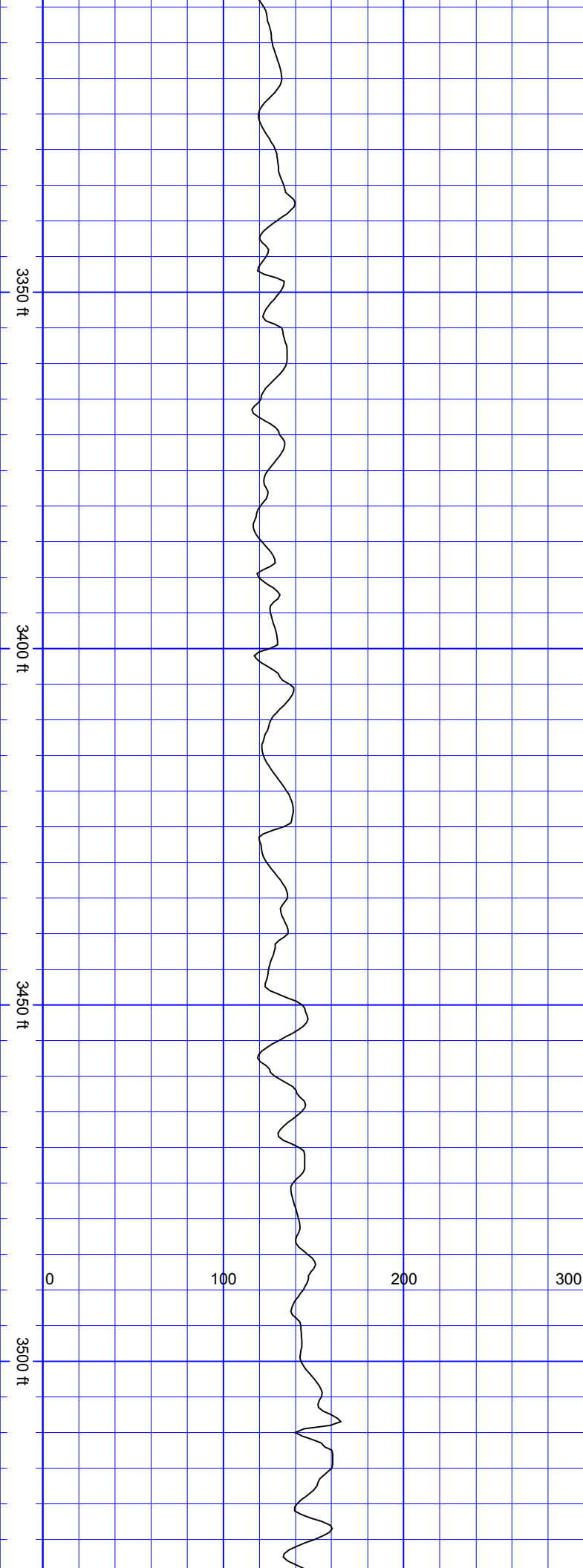




SurveyDepth:3125
TVD:2840.16 Inc:30.76
Azi:259.98
VertSec:340.13

SurveyDepth:3219
TVD:2921.32 Inc:29.84
Azi:259.72
VertSec:354.87

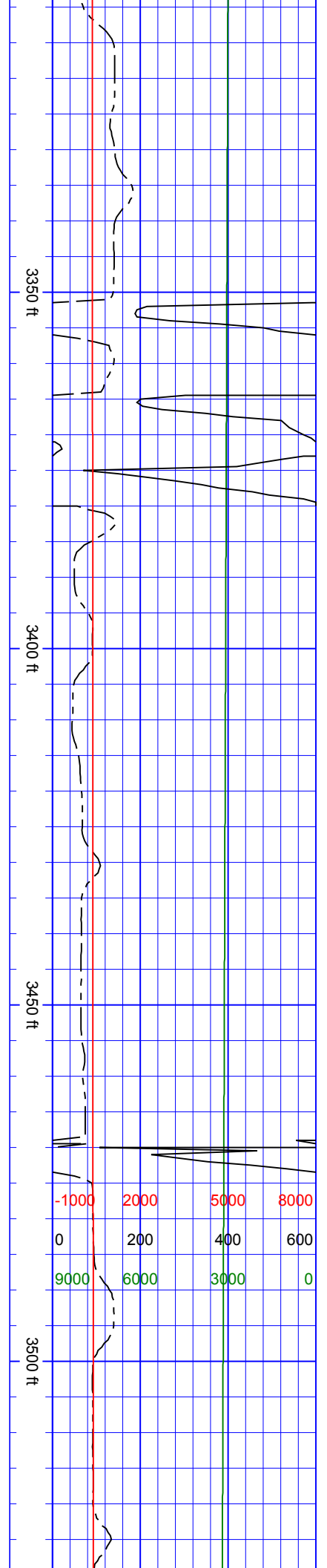


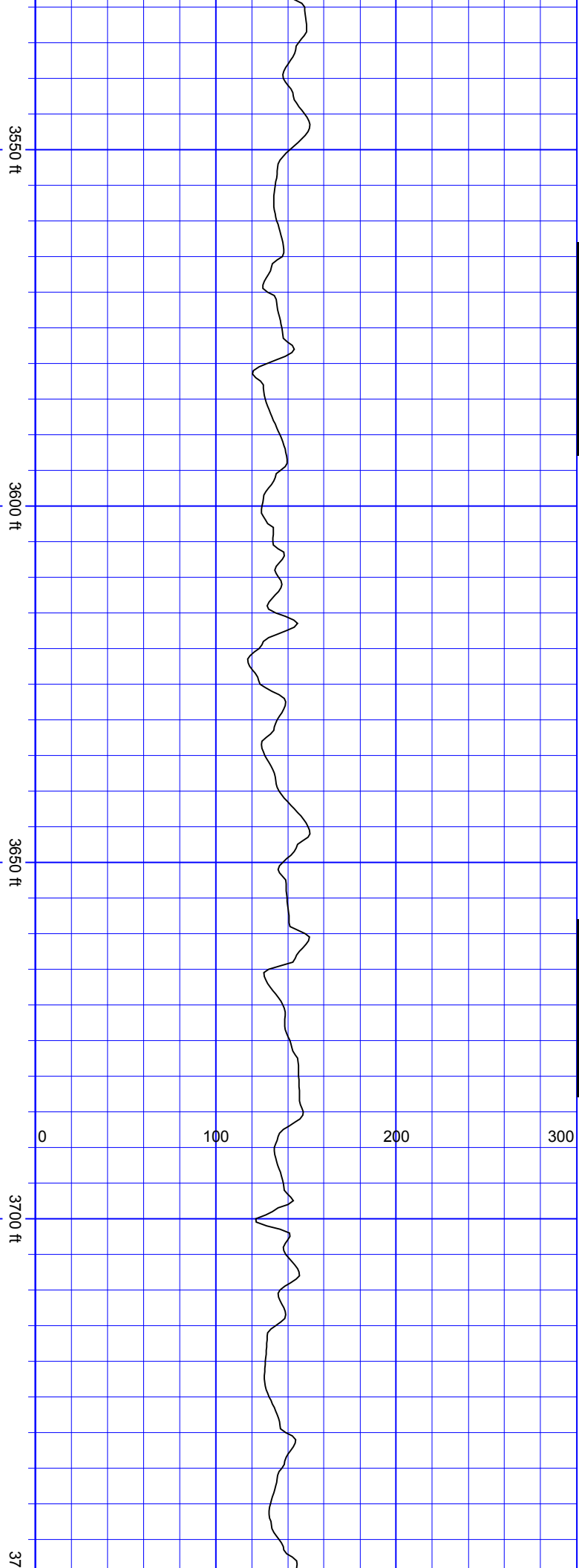


SurveyDepth:3314
TVD:3002.7 Inc:32.26
Azi:259.1
VertSec:369.72

SurveyDepth:3409
TVD:3083.48 Inc:31.25
Azi:258.66
VertSec:384.45

SurveyDepth:3503
TVD:3164.7 Inc:29.18
Azi:258.05
VertSec:397.98



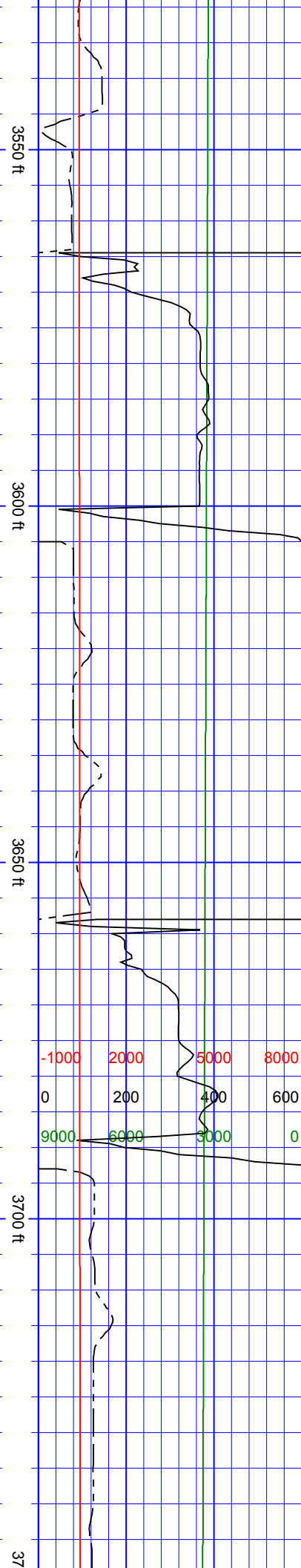


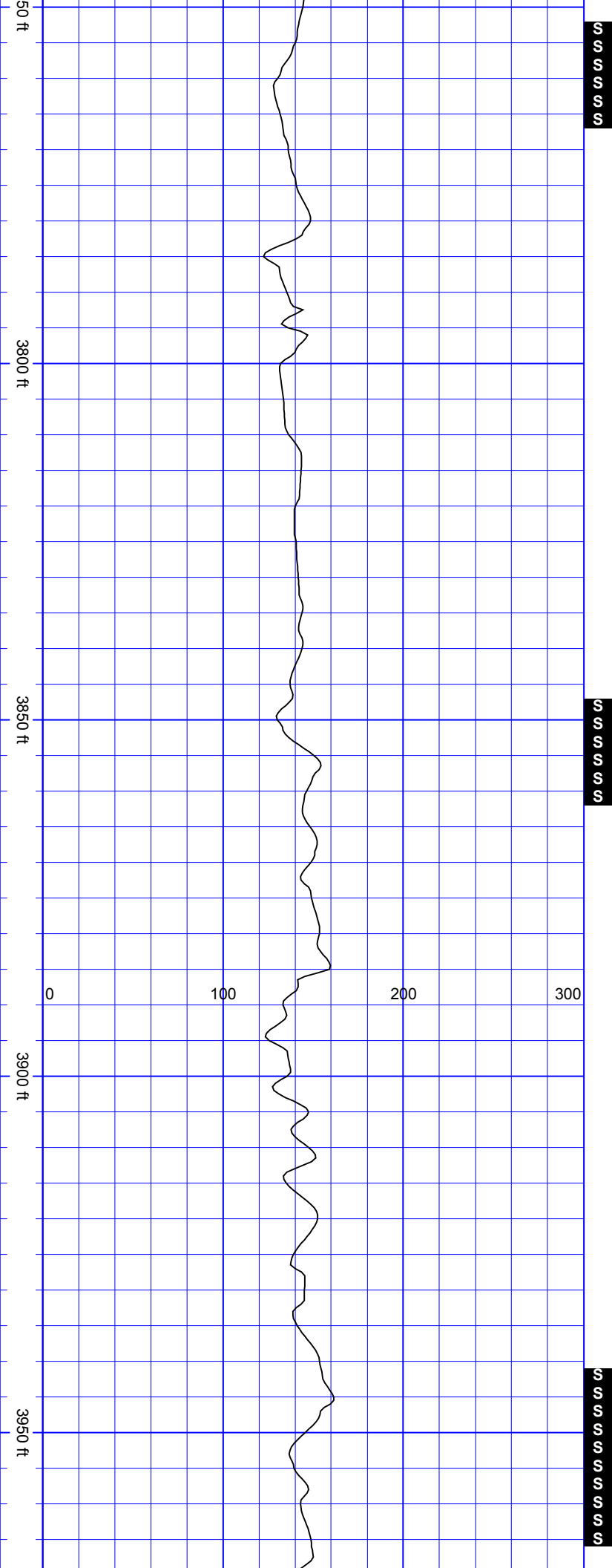
S S S S S S S S S S

SurveyDepth:3598
TVD:3247.09 Inc:30.54
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VertSec:411.11

S S S S S S S

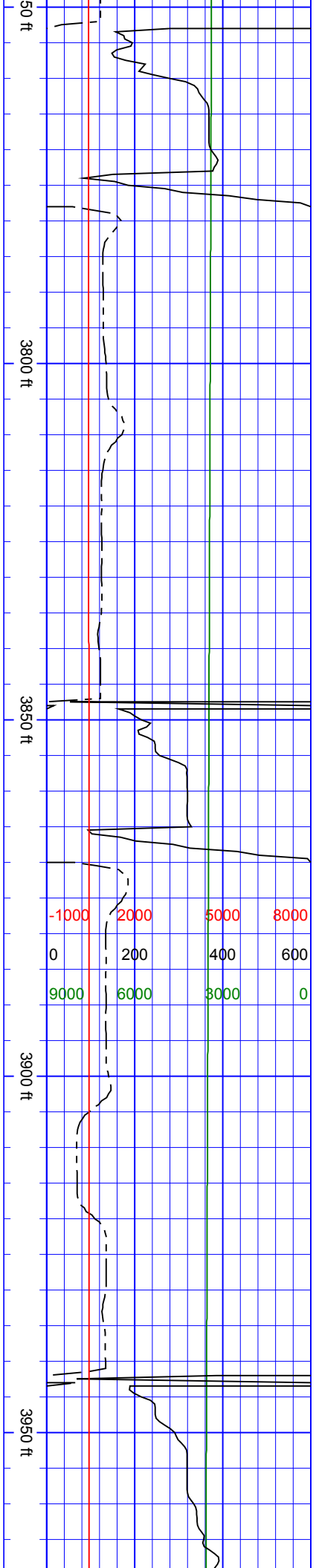
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TVD:3327.17 Inc:32.61
Azi:258.57 VertSec:425

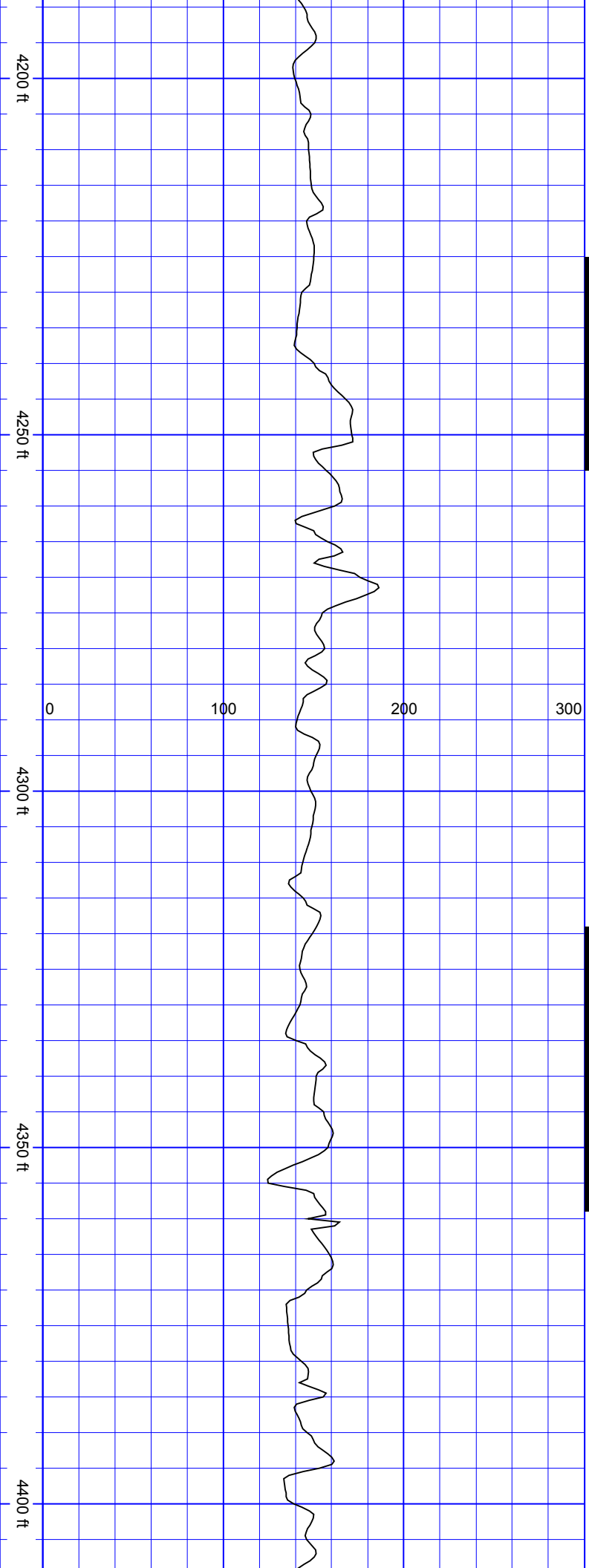




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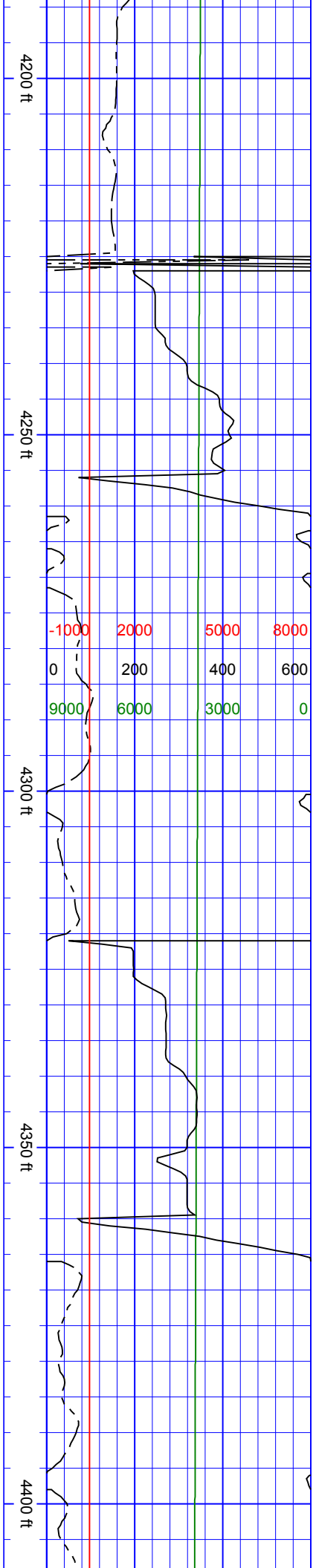
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TVD:3489.05 Inc:29.14
Azi:251.28
VertSec:447.41

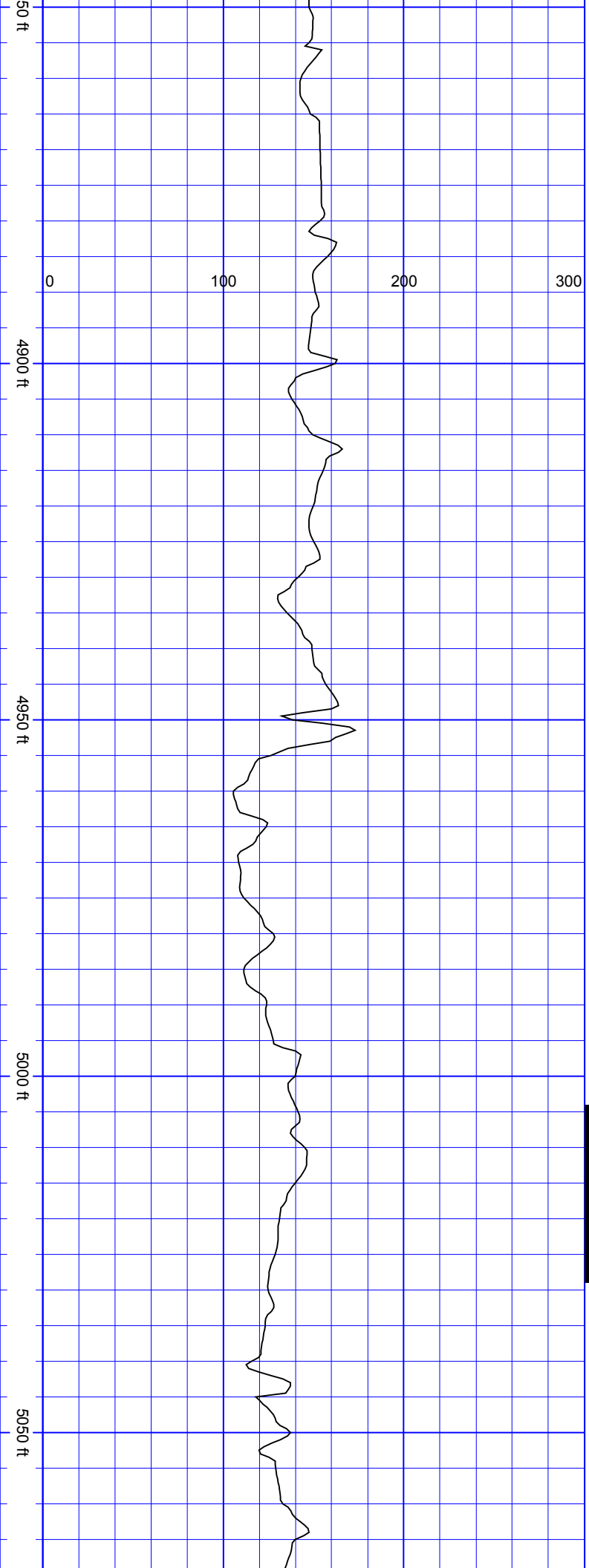




SurveyDepth:4259
TVD:3817.1 Inc:27.55
Azi:246.88
VertSec:464.46

SurveyDepth:4377
TVD:3921.27 Inc:28.48
Azi:248.47
VertSec:470.19

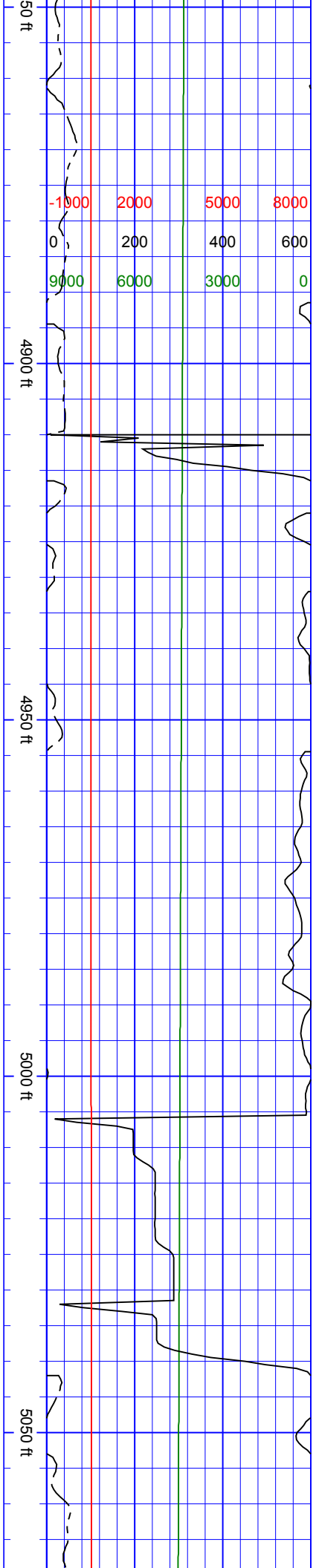


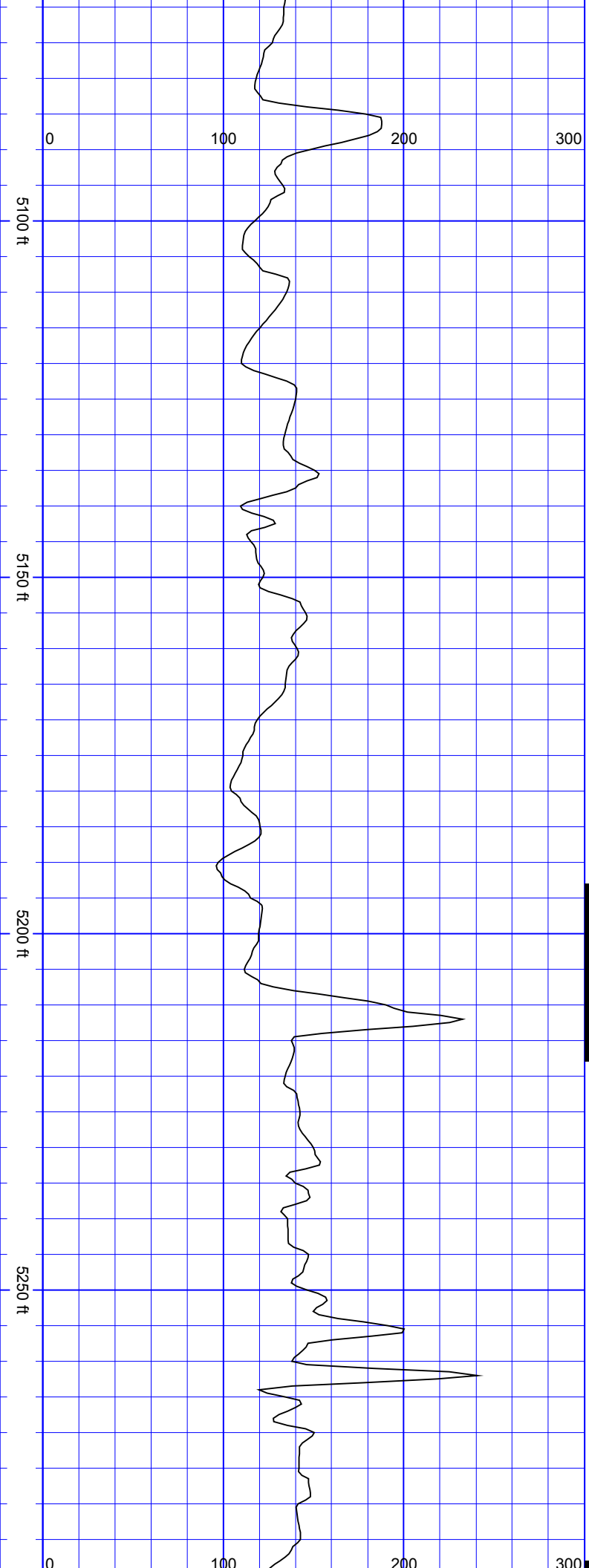


SurveyDepth:4850
TVD:4319.26 Inc:32.12
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VertSec:513.62

SurveyDepth:4944
TVD:4400.46 Inc:28.35
Azi:249.34
VertSec:520.52

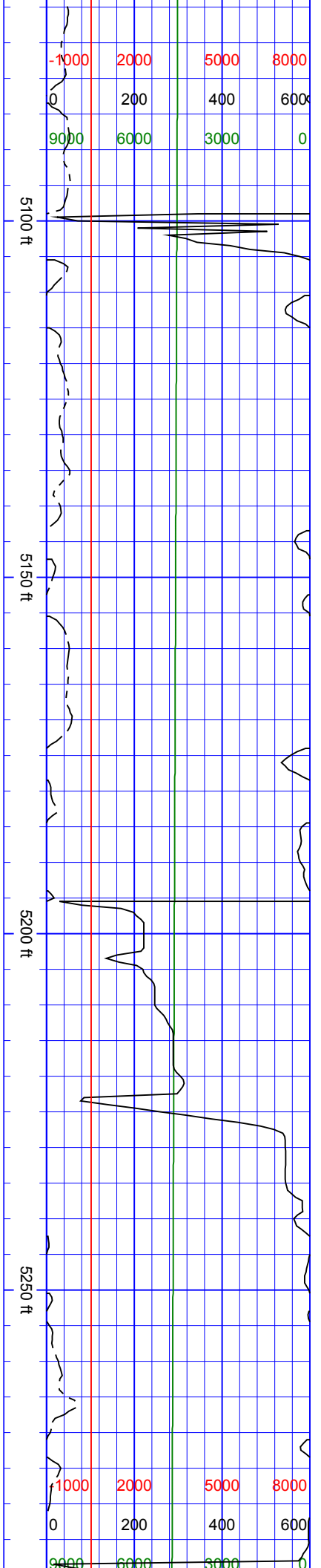
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TVD:4483.31 Inc:30.23
Azi:249.08
VertSec:526.55

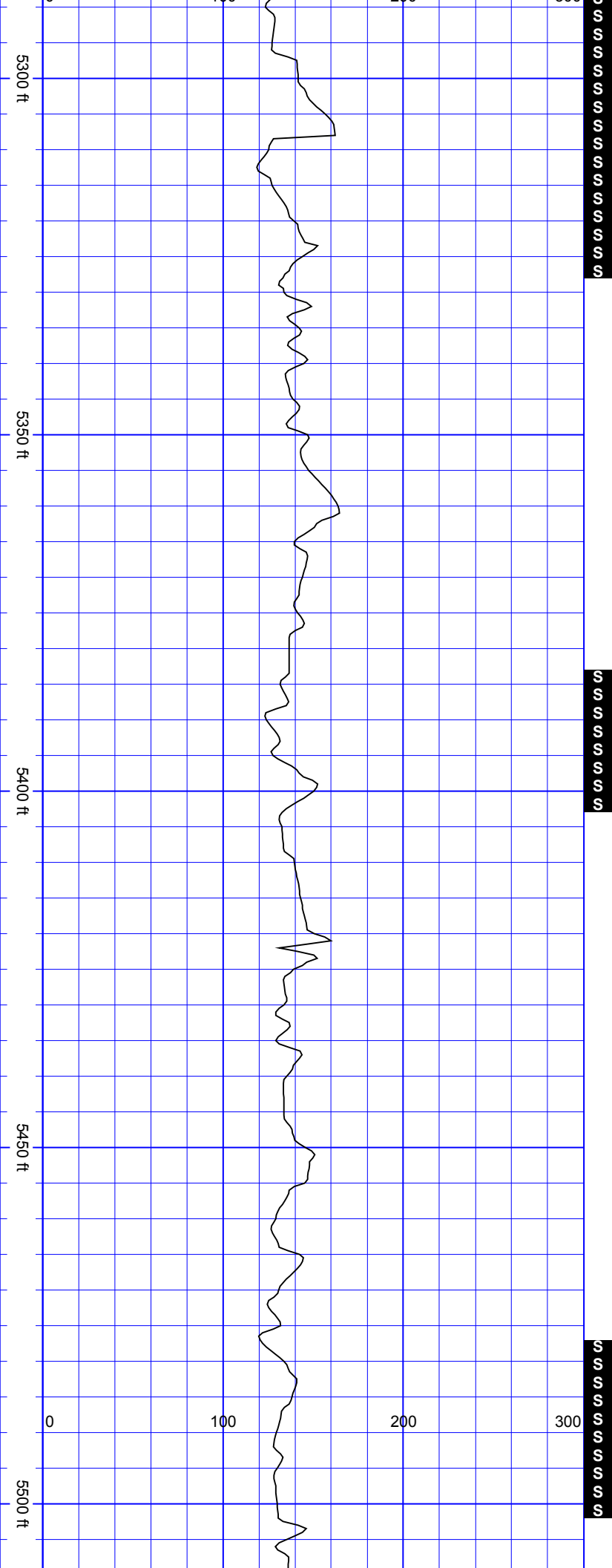




SurveyDepth:5133
TVD:4565.61 Inc:27.55
Azi:247.59
VertSec:531.78

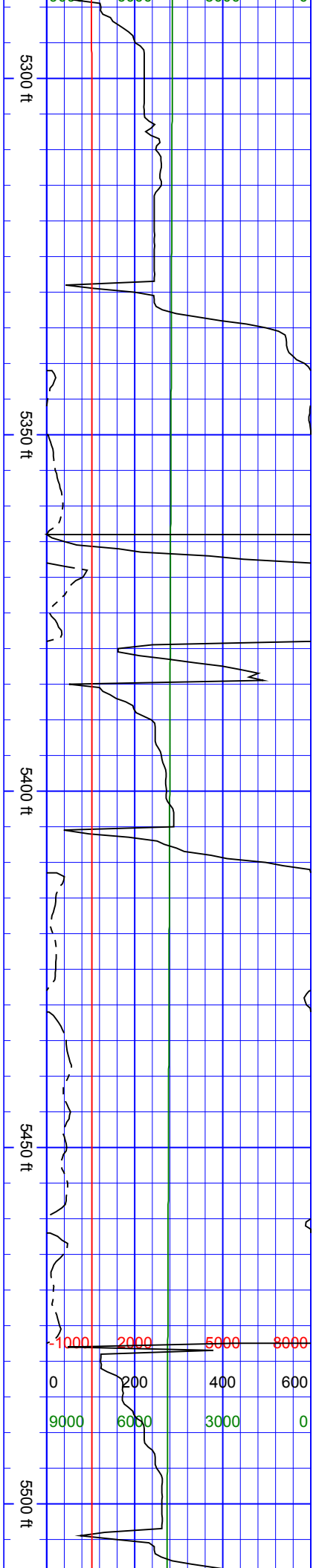
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VertSec:536.58

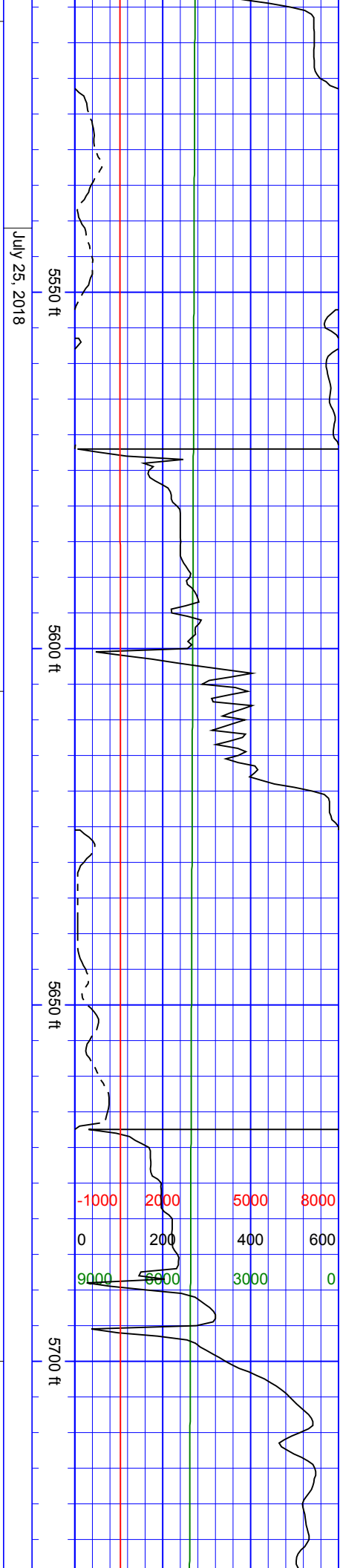
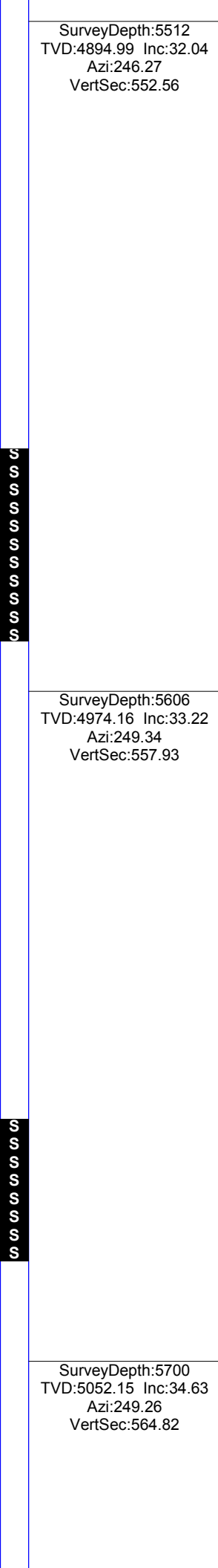
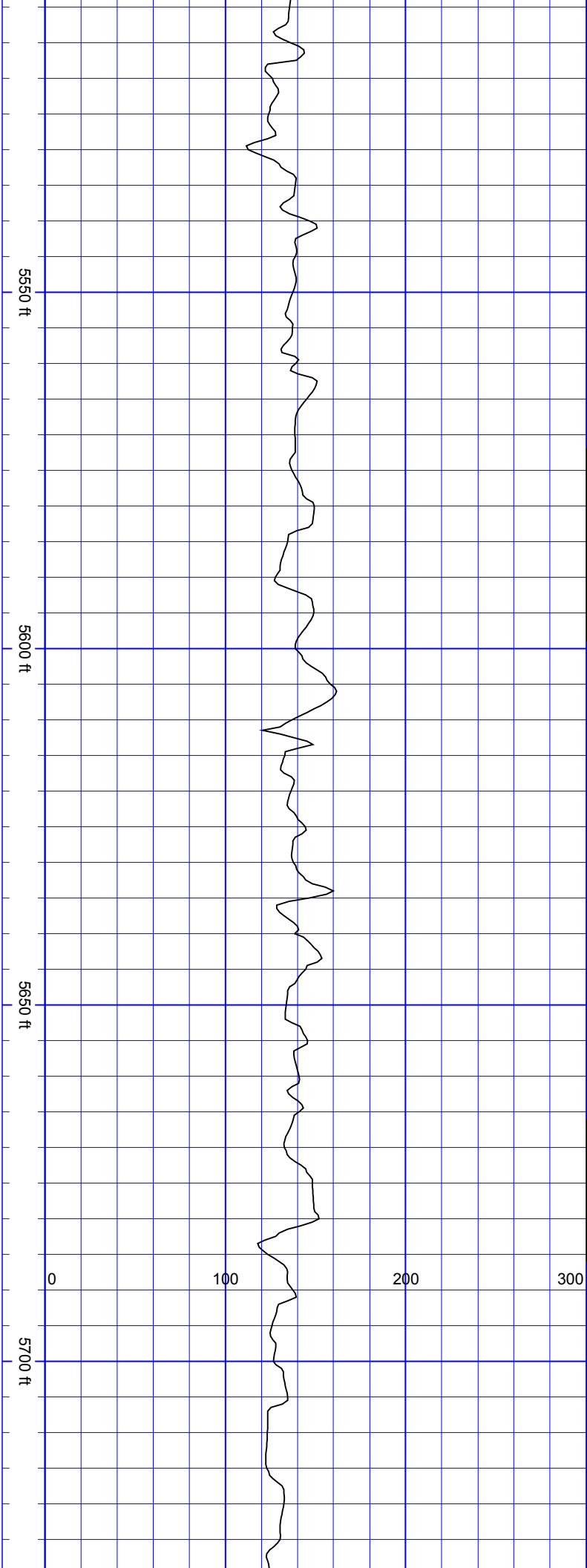


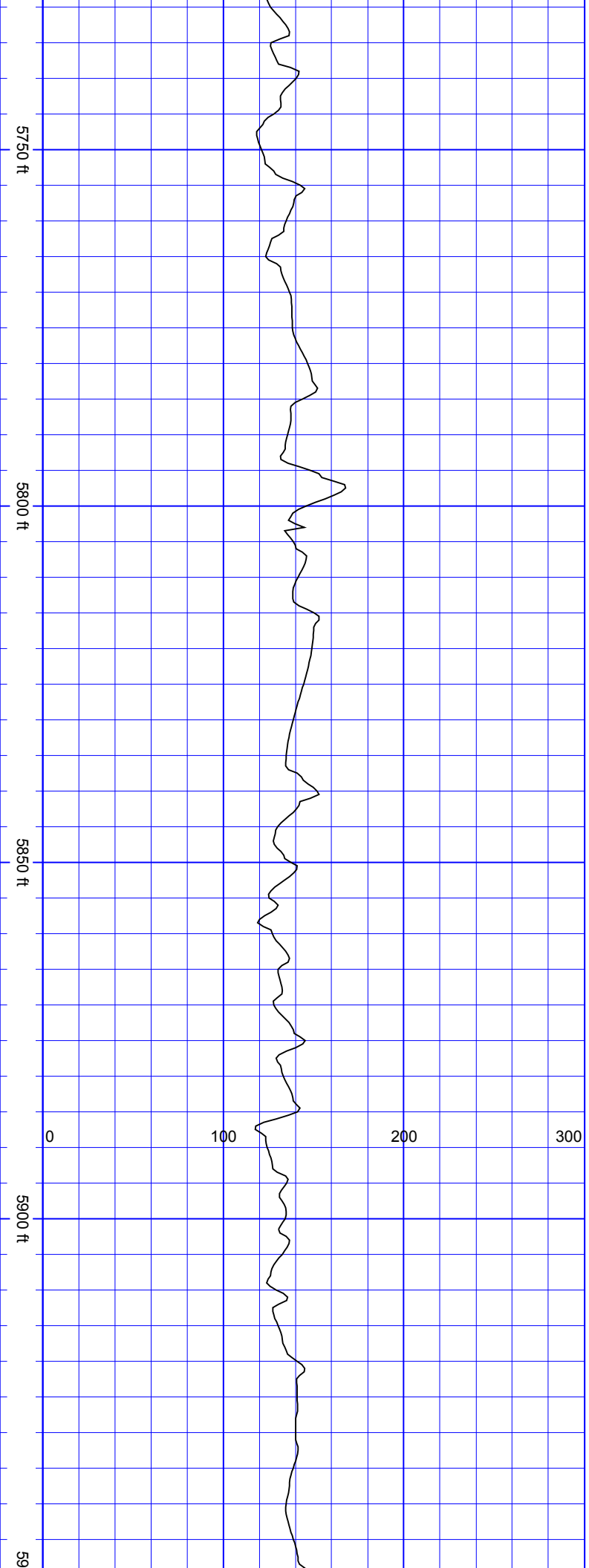


SurveyDepth:5323
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Azi:248.73
VertSec:542.08

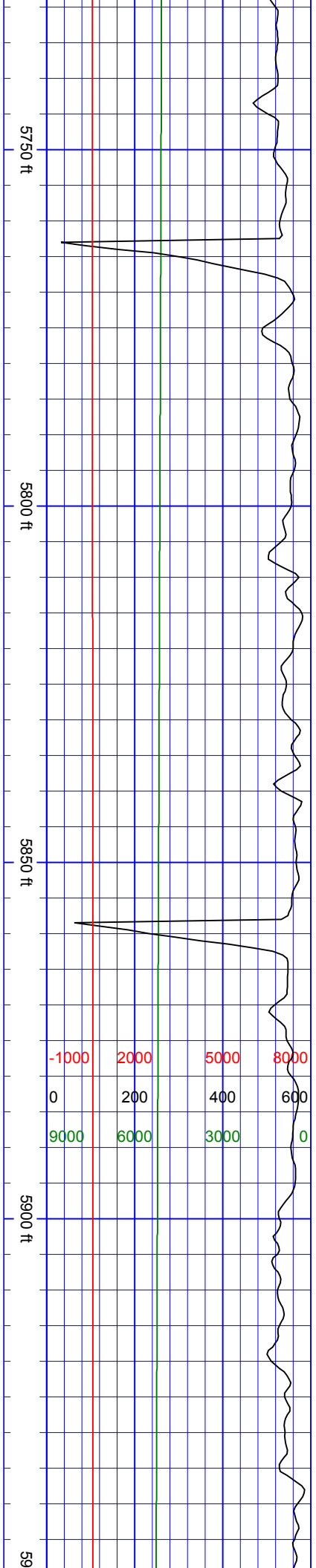
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TVD:4814.11 Inc:31.25
Azi:248.29
VertSec:547.77

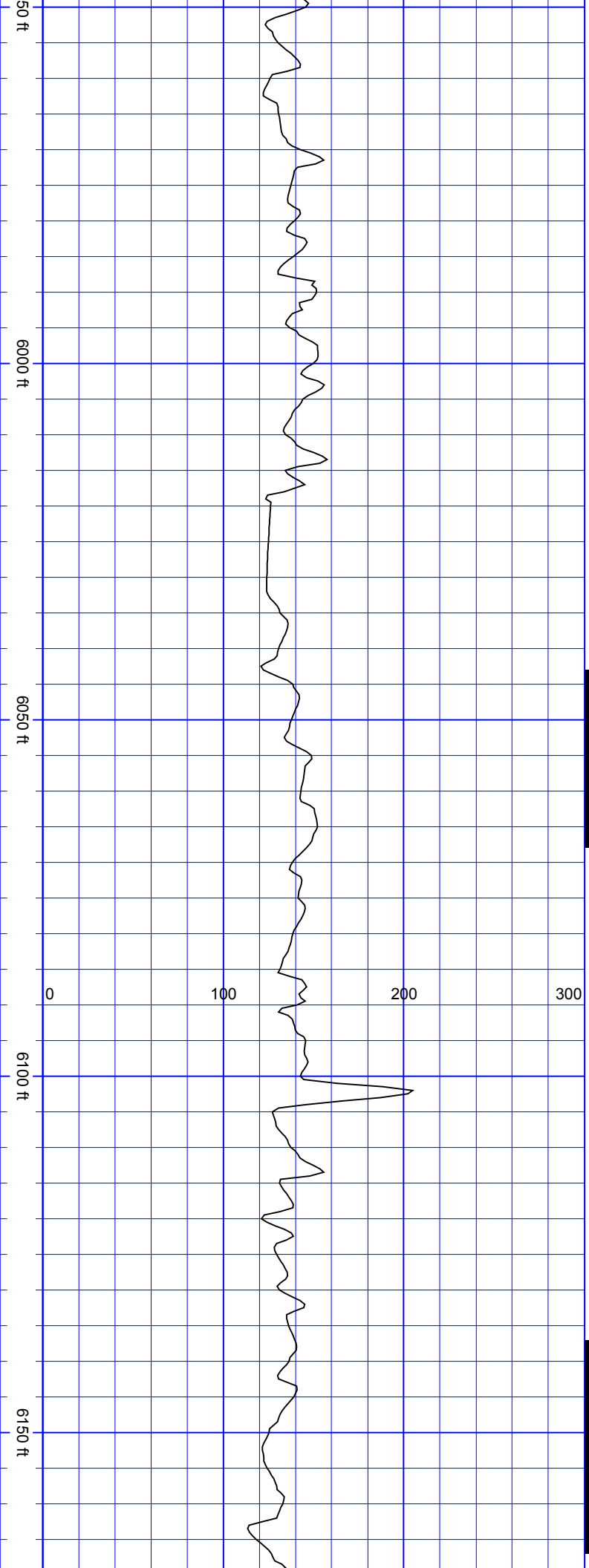






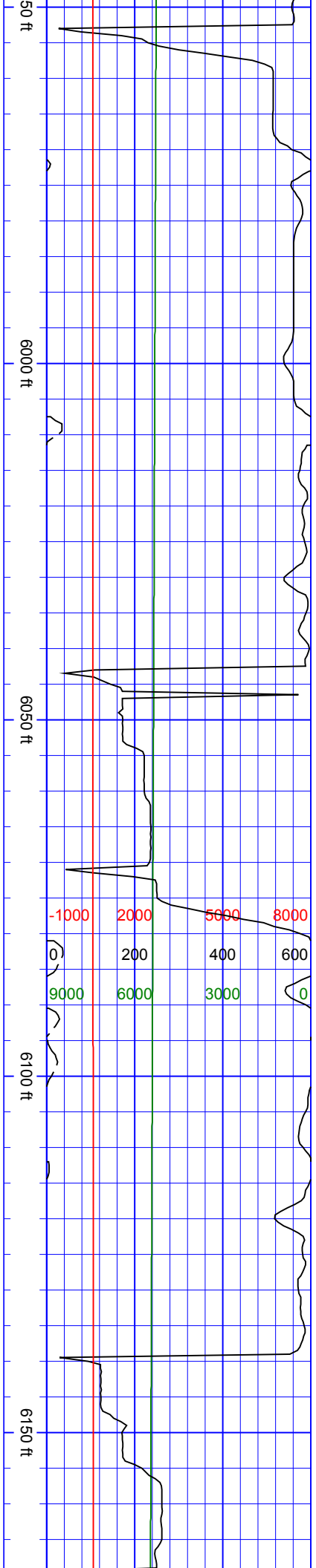
SurveyDepth:5794 TVD:5130.05 Inc:33.44 Azi:248.99 VertSec:571.57	SurveyDepth:5888 TVD:5209.31 Inc:31.6 Azi:248.11 VertSec:577.57
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SurveyDepth:5983
TVD:5291.38 Inc:28.87
Azi:248.03
VertSec:582.83

SurveyDepth:6077
TVD:5373.71 Inc:28.83
Azi:248.38
VertSec:587.93



6200 ft

6250 ft

6300 ft

6350 ft

0 100 200 300

SurveyDepth:6172
TVD:5457.06 Inc:28.52
Azi:251.28
VertSec:594.33

SurveyDepth:6266
TVD:5539.39 Inc:29.18
Azi:251.54
VertSec:601.95

SurveyDepth:6360
TVD:5621.09 Inc:30.1
Azi:252.51
VertSec:610.24

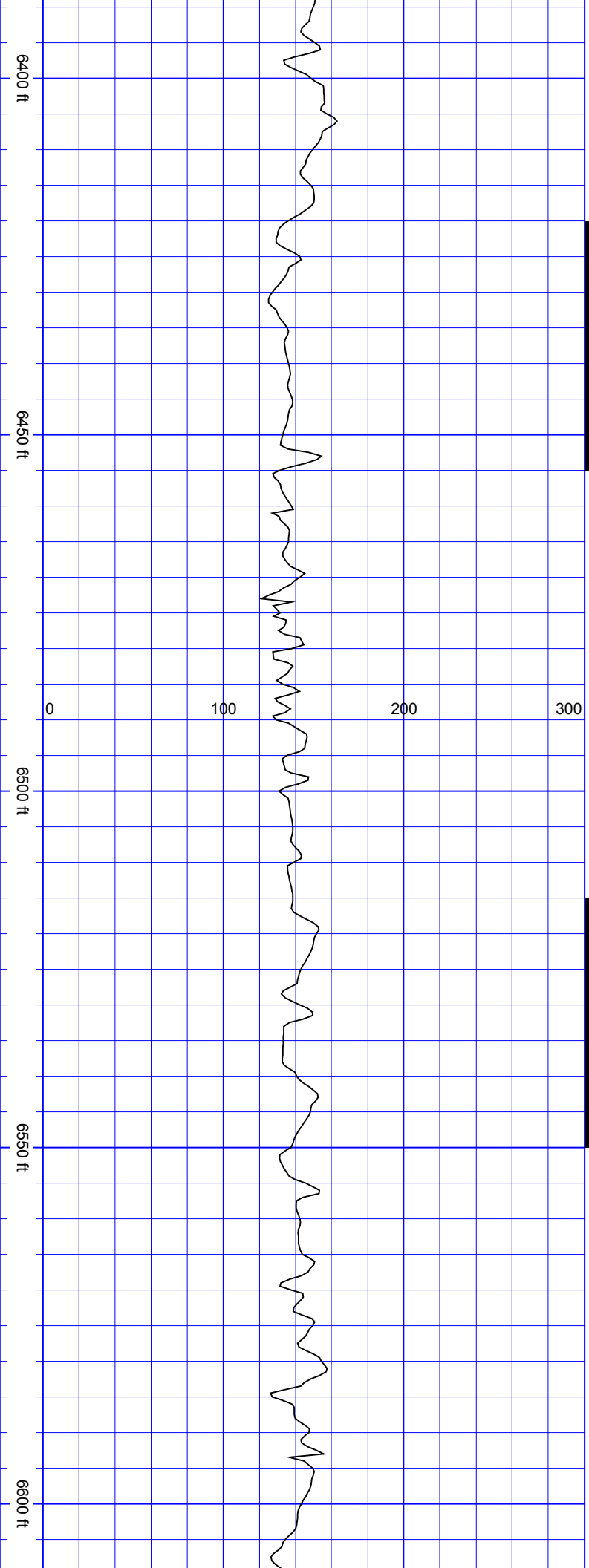
6200 ft

6250 ft

6300 ft

6350 ft

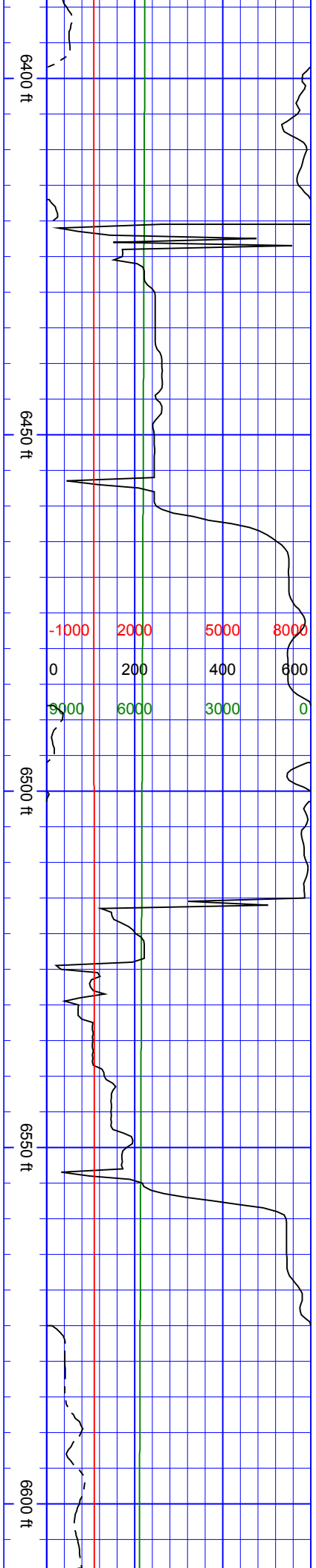
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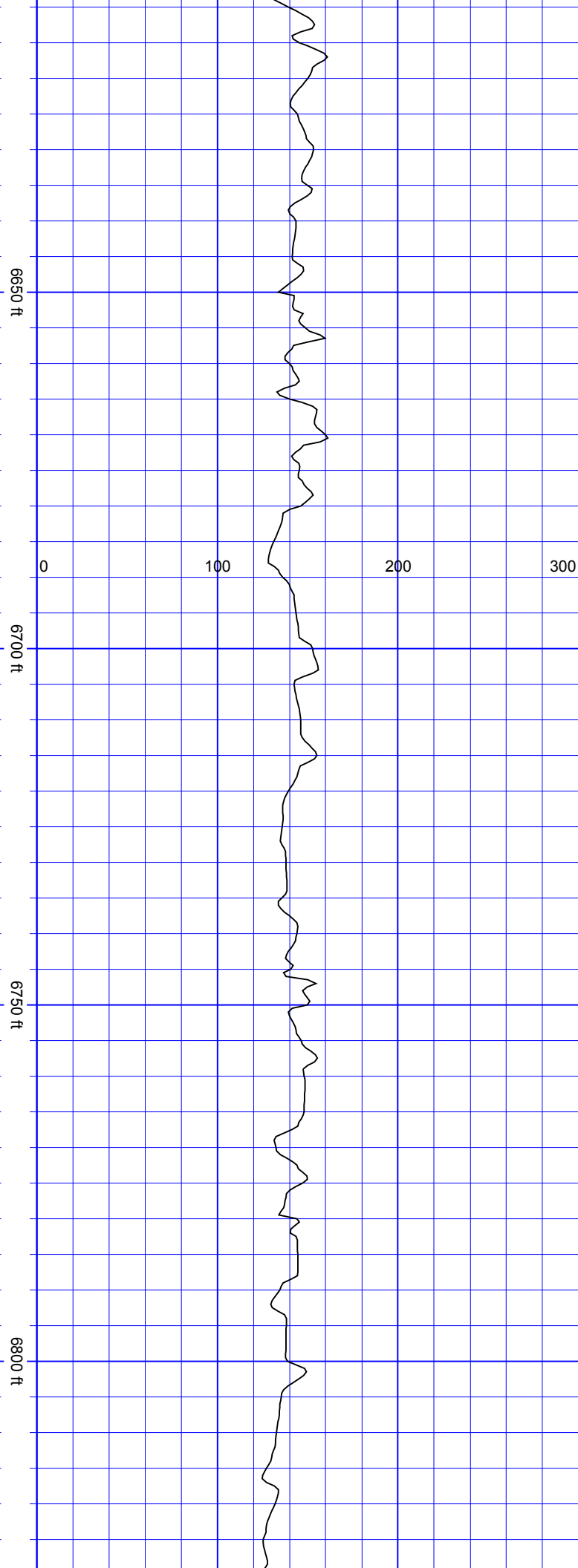


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VertSec:618.2

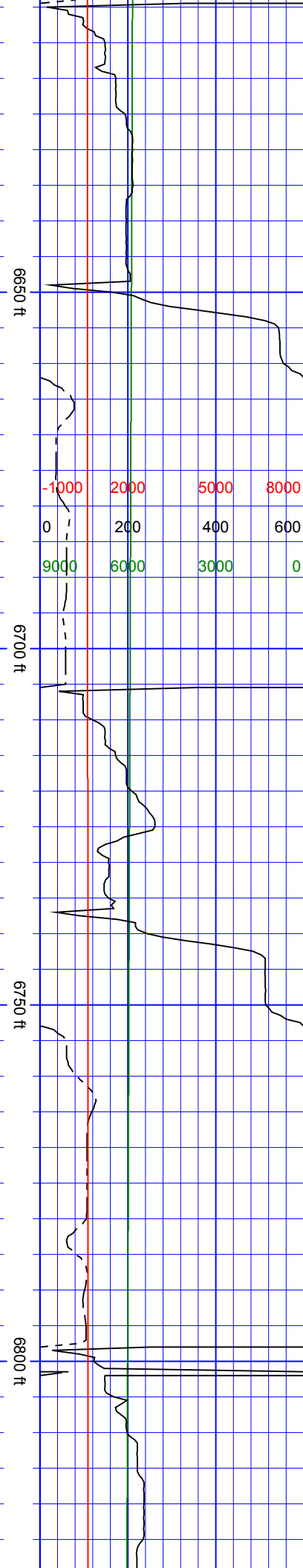


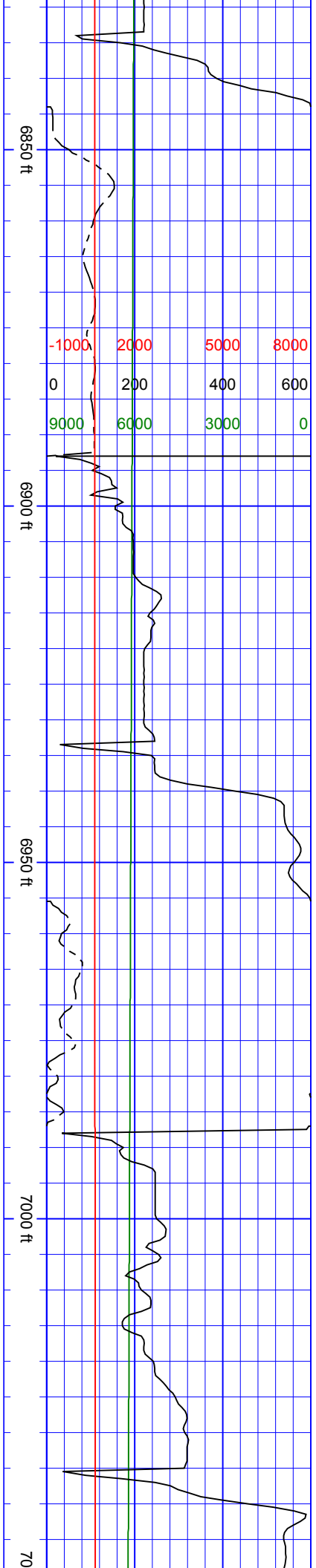
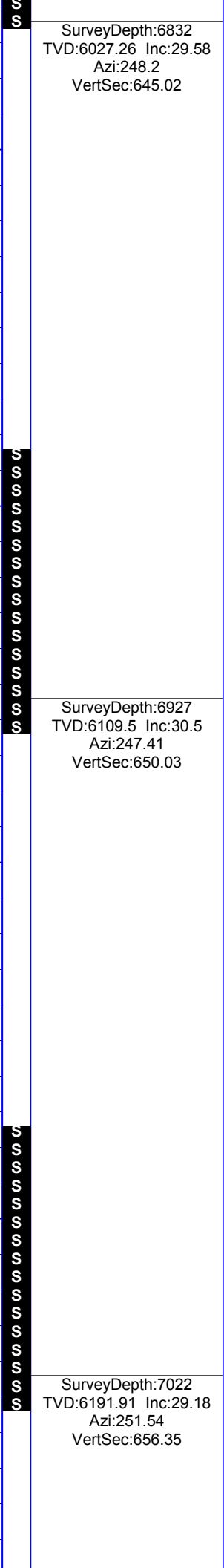
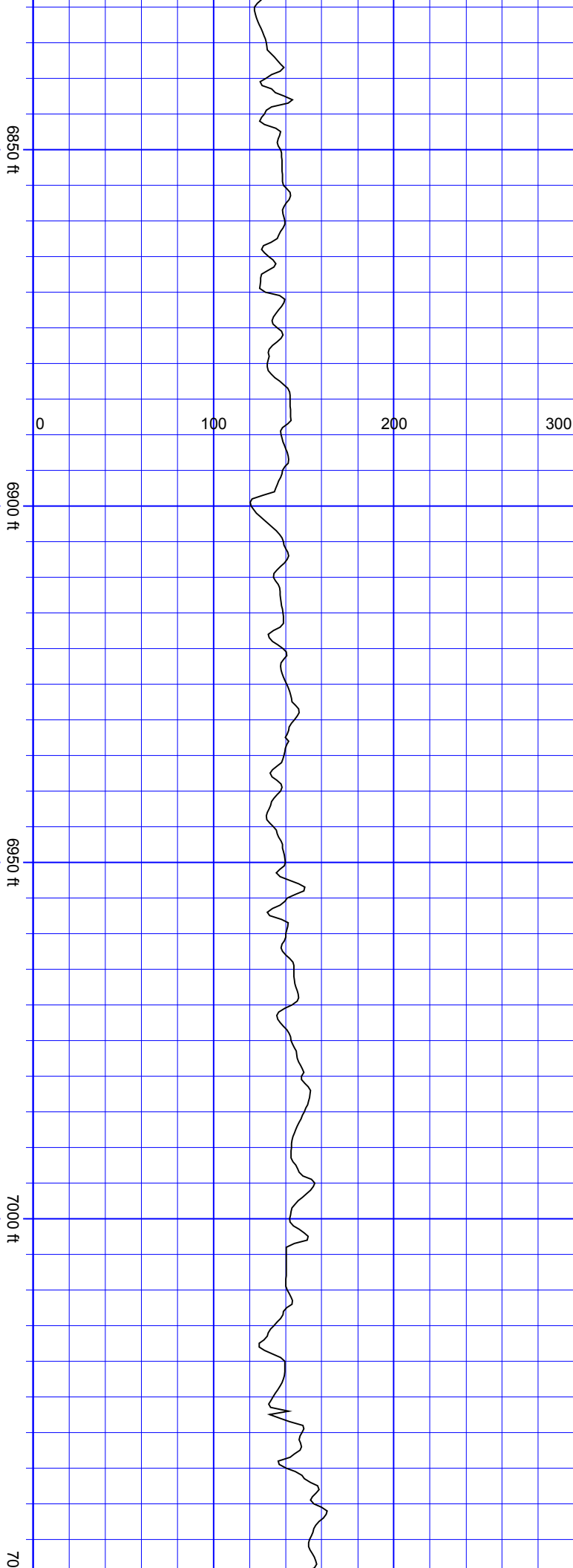
SurveyDepth:6549
TVD:5783.83 Inc:29.84
Azi:251.1
VertSec:625.47

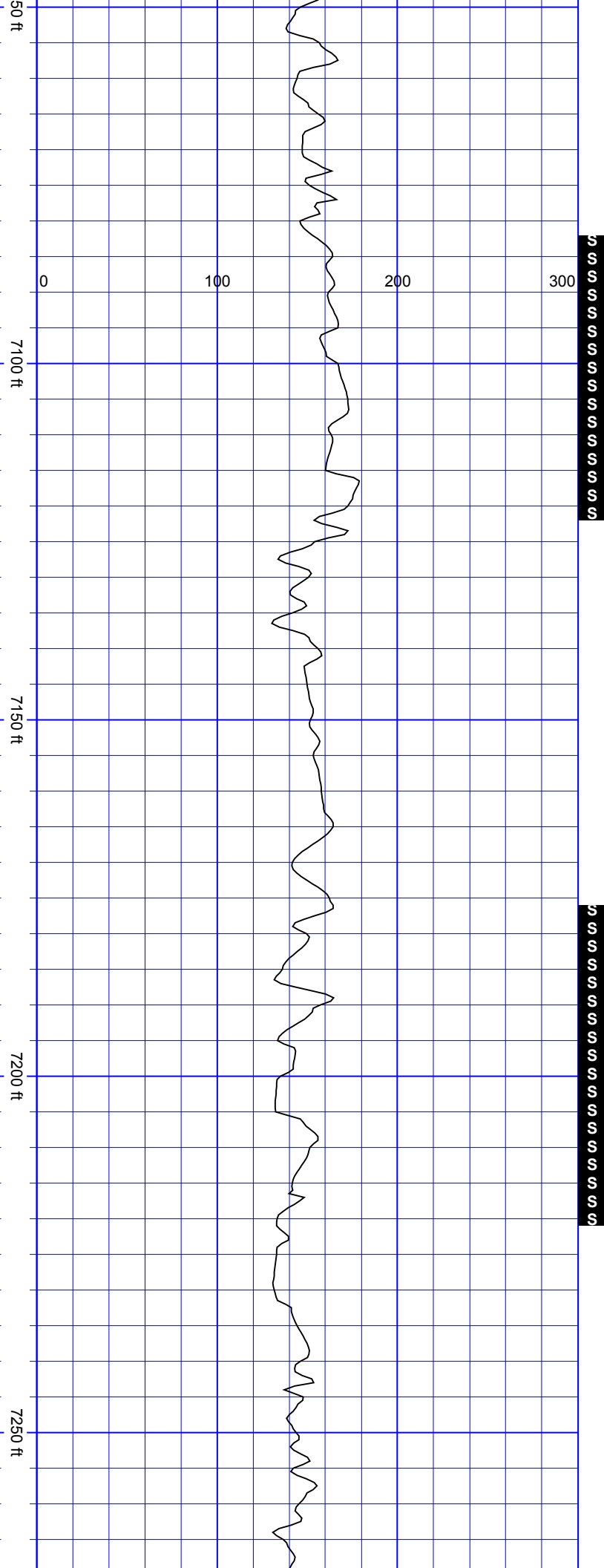




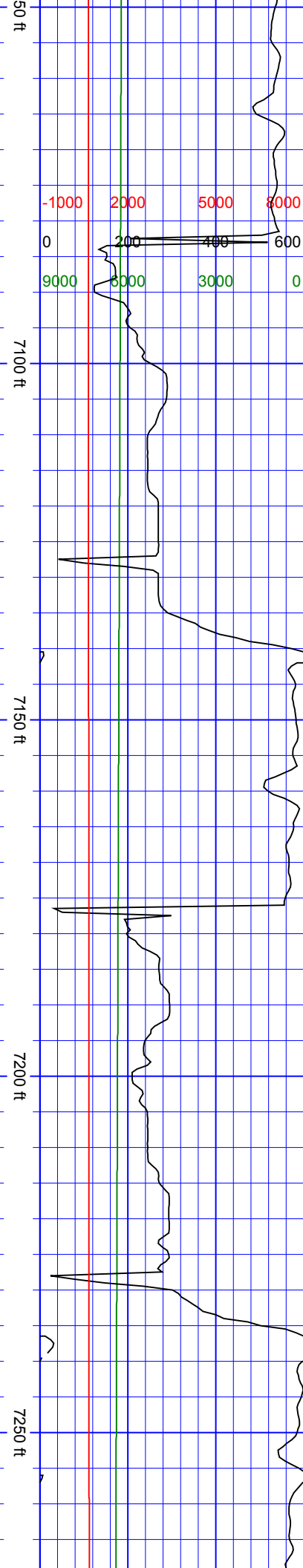
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TVD:5864.92 Inc:30.94
Azi:249.7
VertSec:632.61

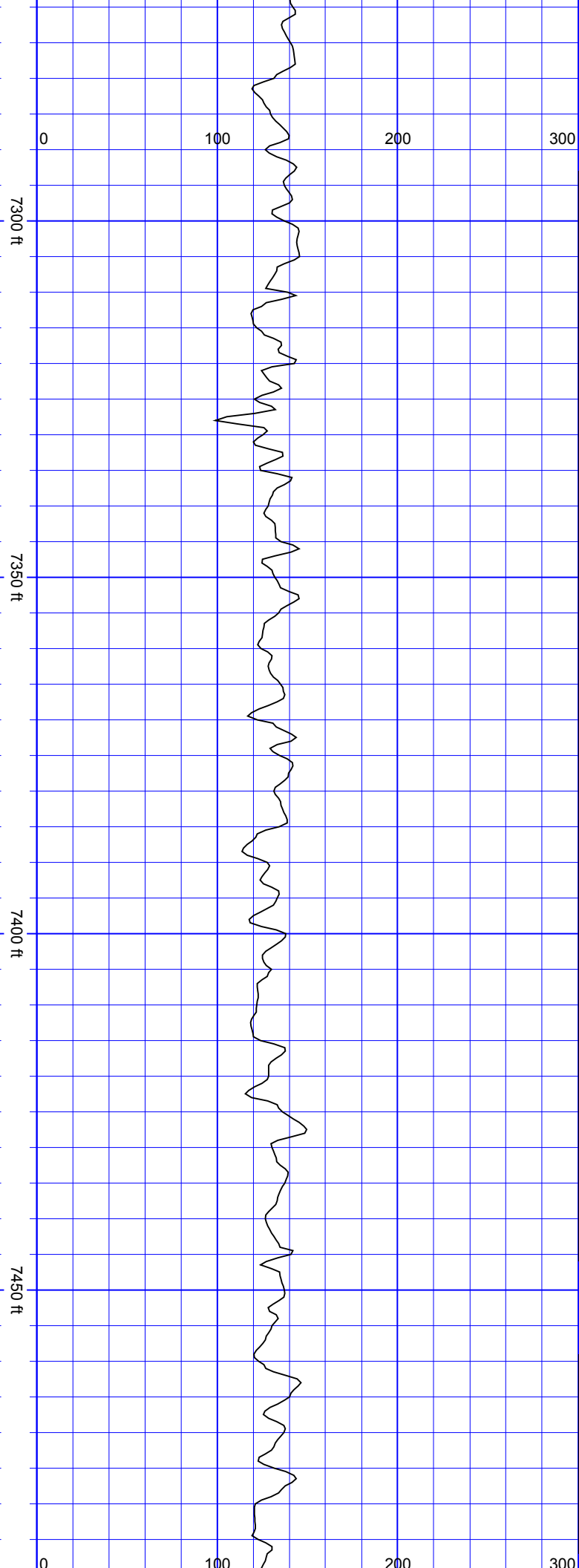






SurveyDepth:7116
TVD:6273.49 Inc:30.41
Azi:254.88
VertSec:665.65





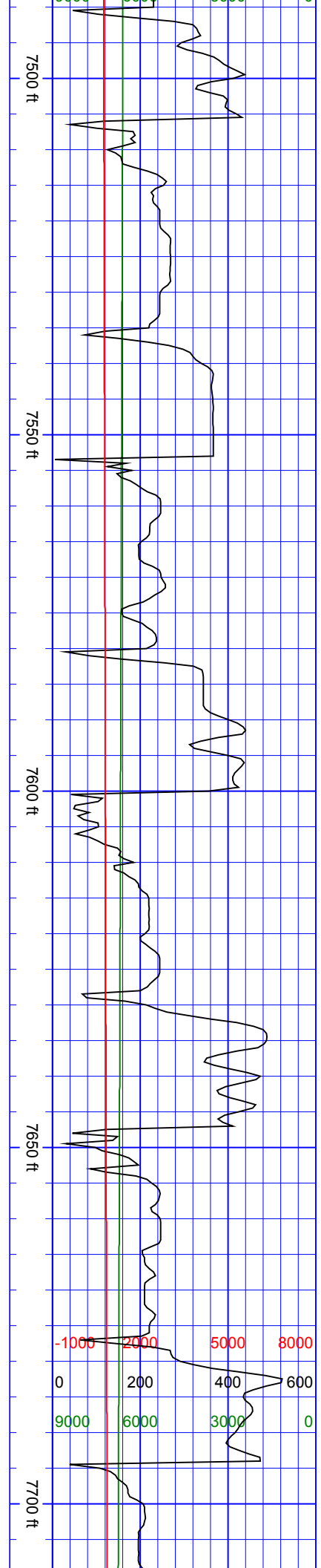
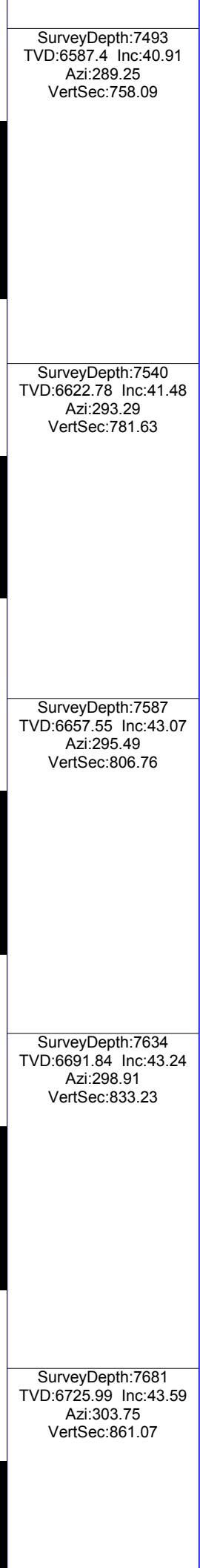
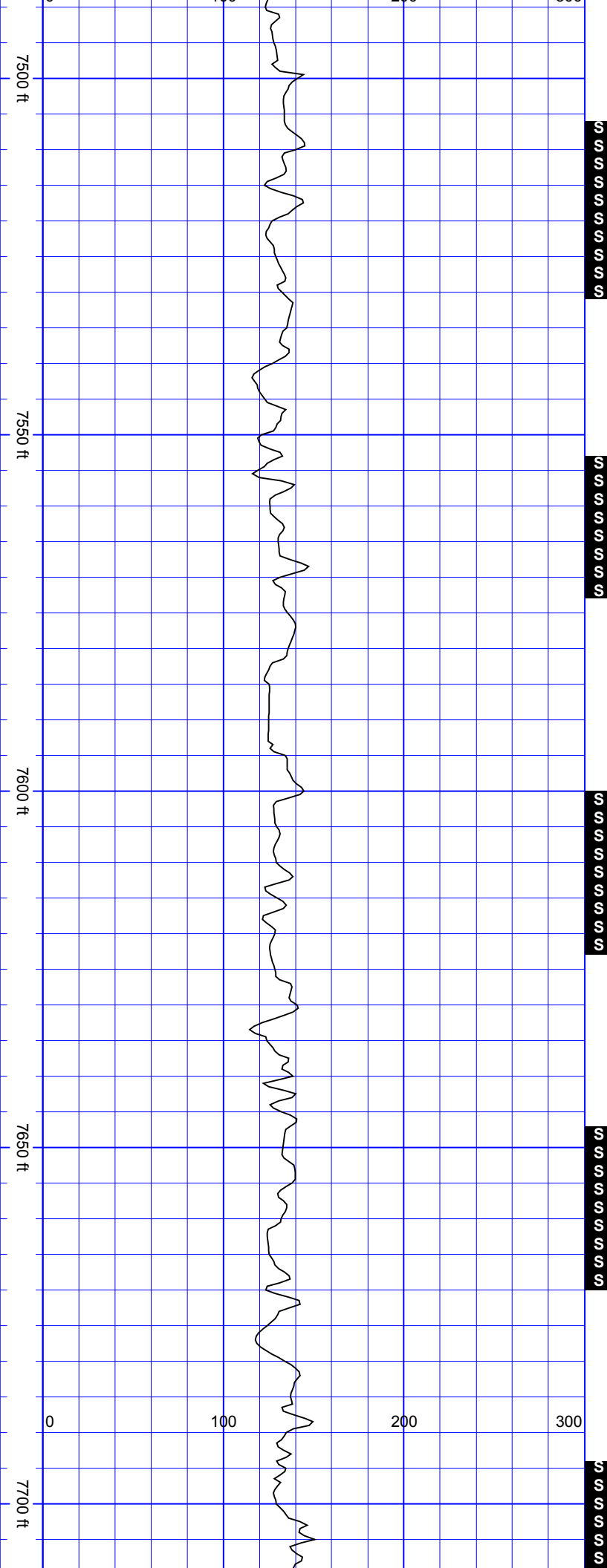
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TVD:6434.93 Inc:29.97
Azi:260.95
VertSec:693.7

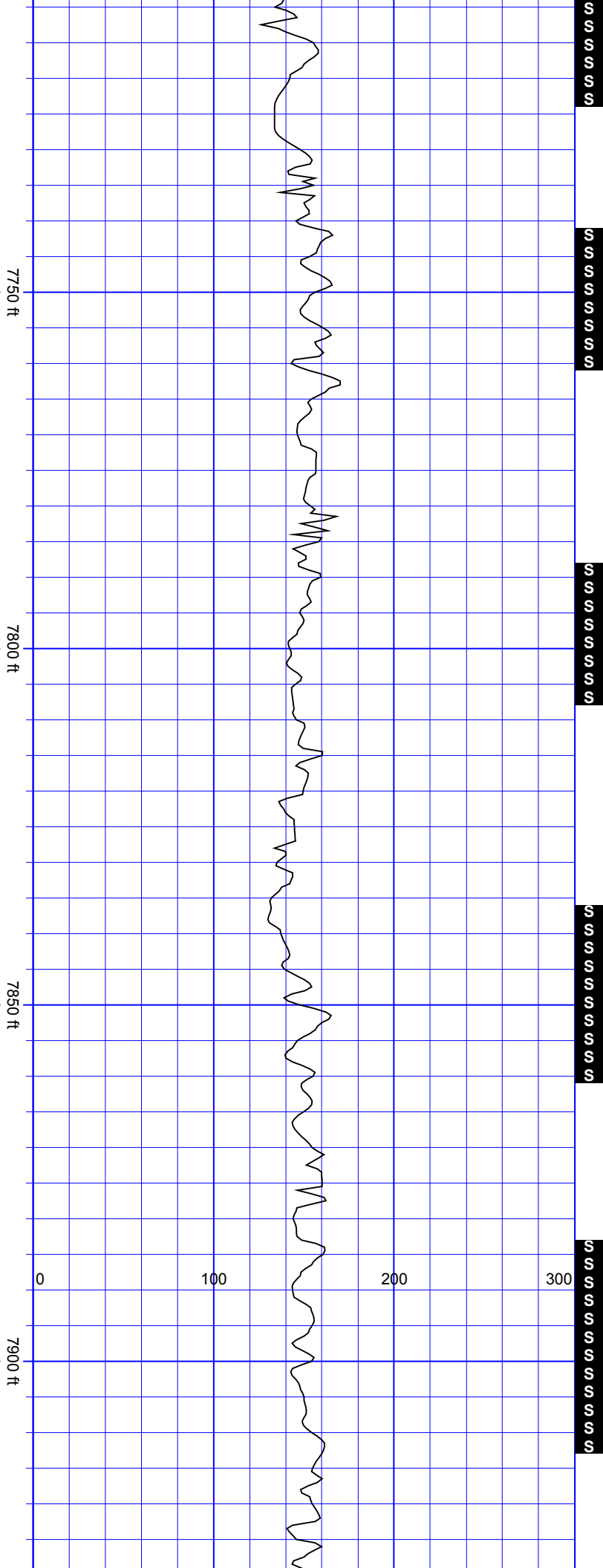
SurveyDepth:7351
TVD:6475.12 Inc:32.61
Azi:270.88
VertSec:703.73

SurveyDepth:7399
TVD:6514.53 Inc:37.05
Azi:277.56
VertSec:718.5

SurveyDepth:7446
TVD:6551.46 Inc:39.38
Azi:283.71
VertSec:736.77







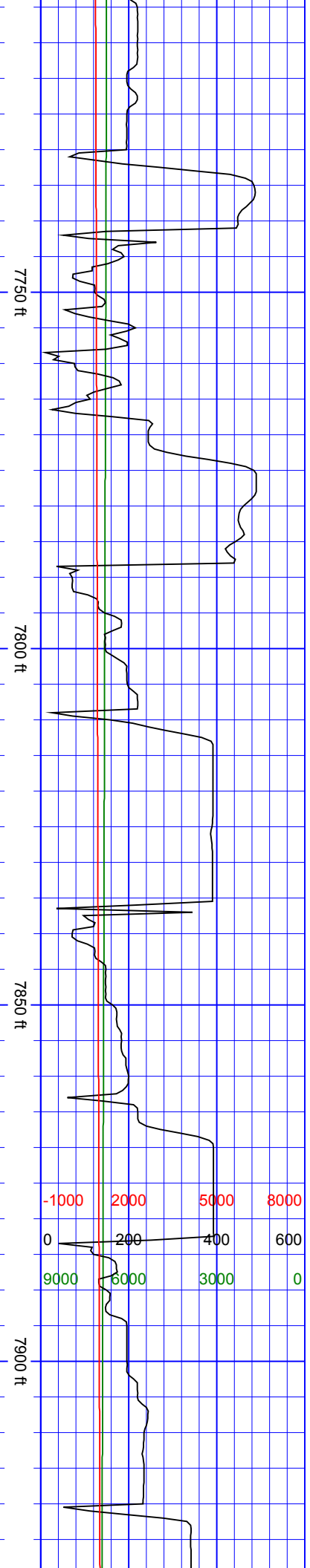
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Azi:310.16
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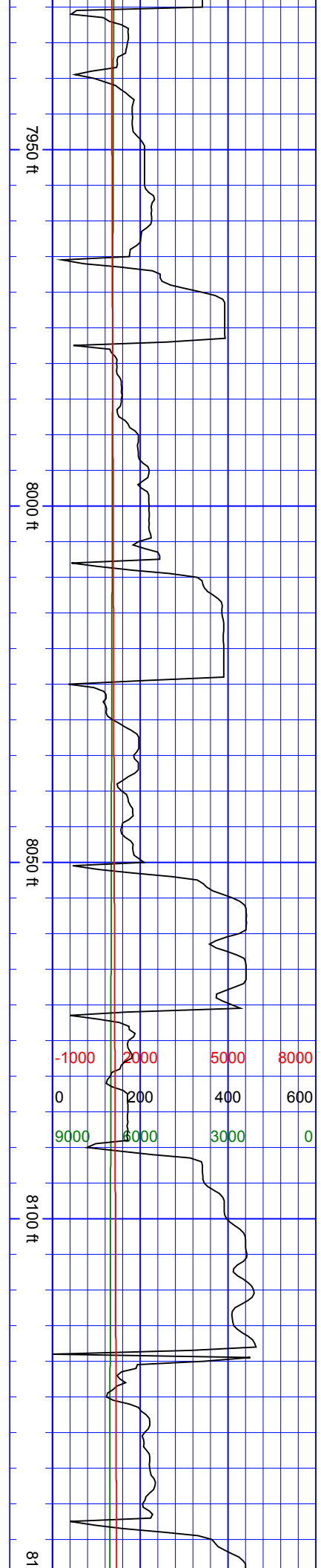
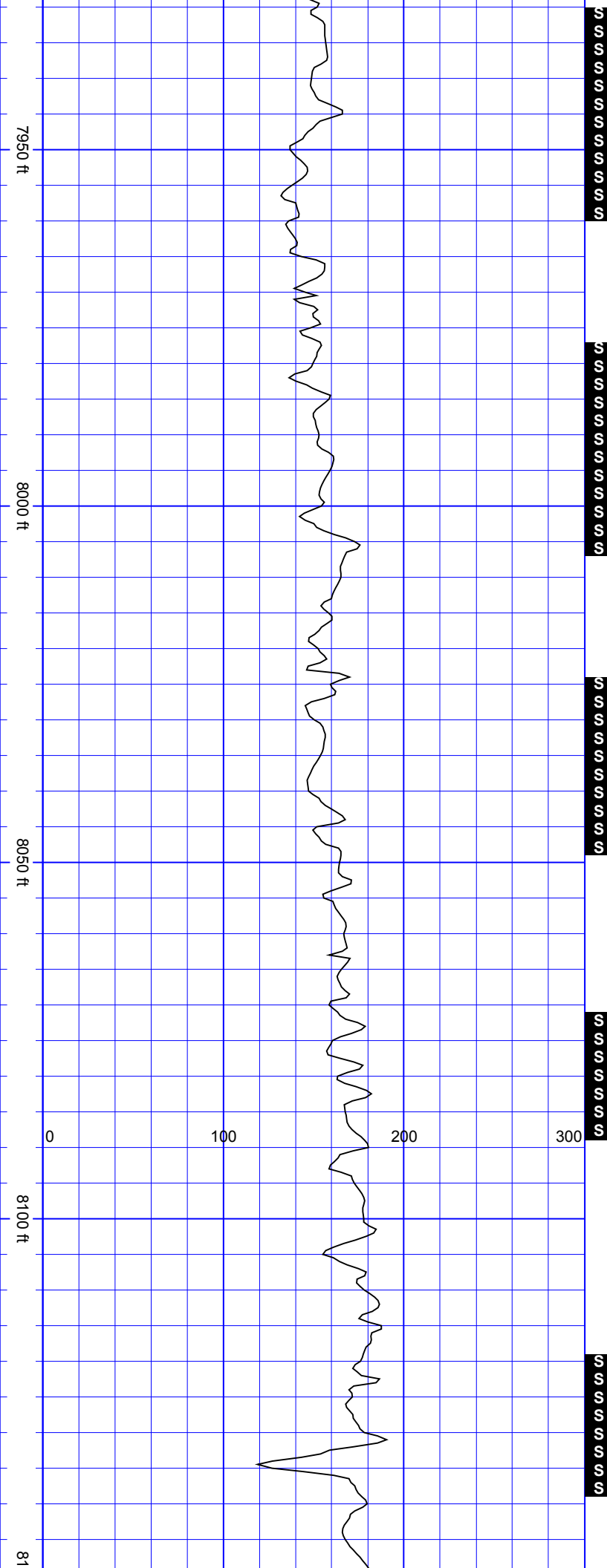
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TVD:6794.38 Inc:43.81
Azi:312.63
VertSec:921.91

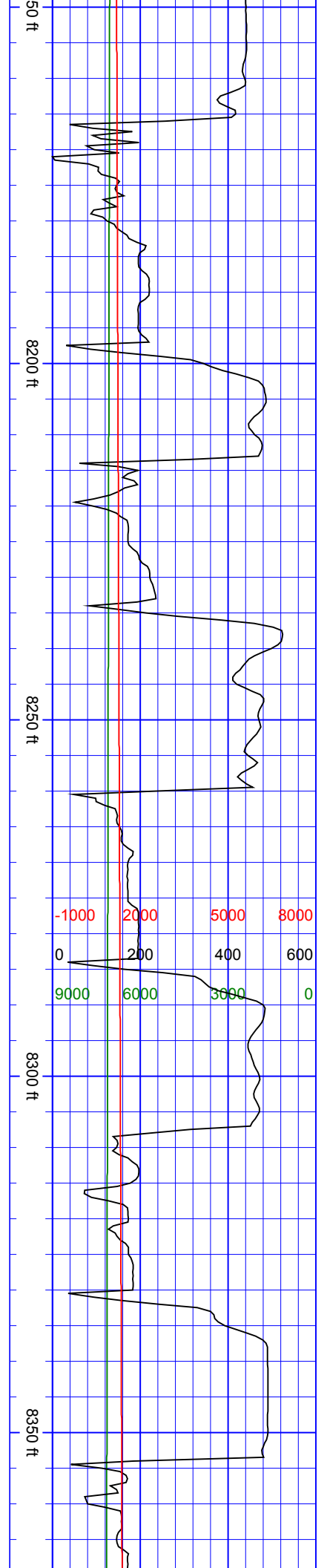
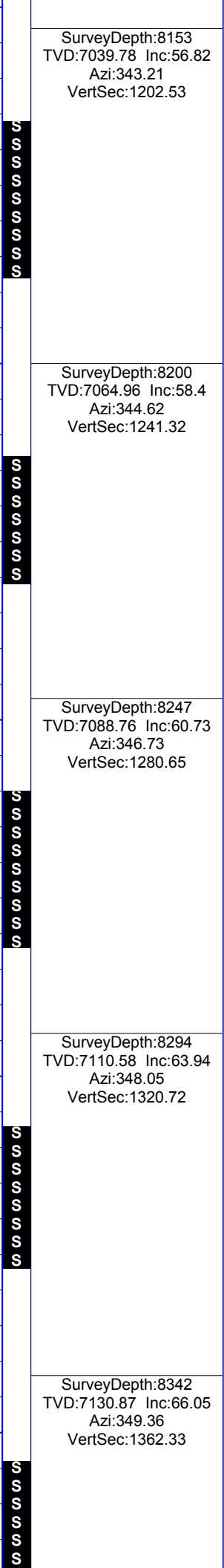
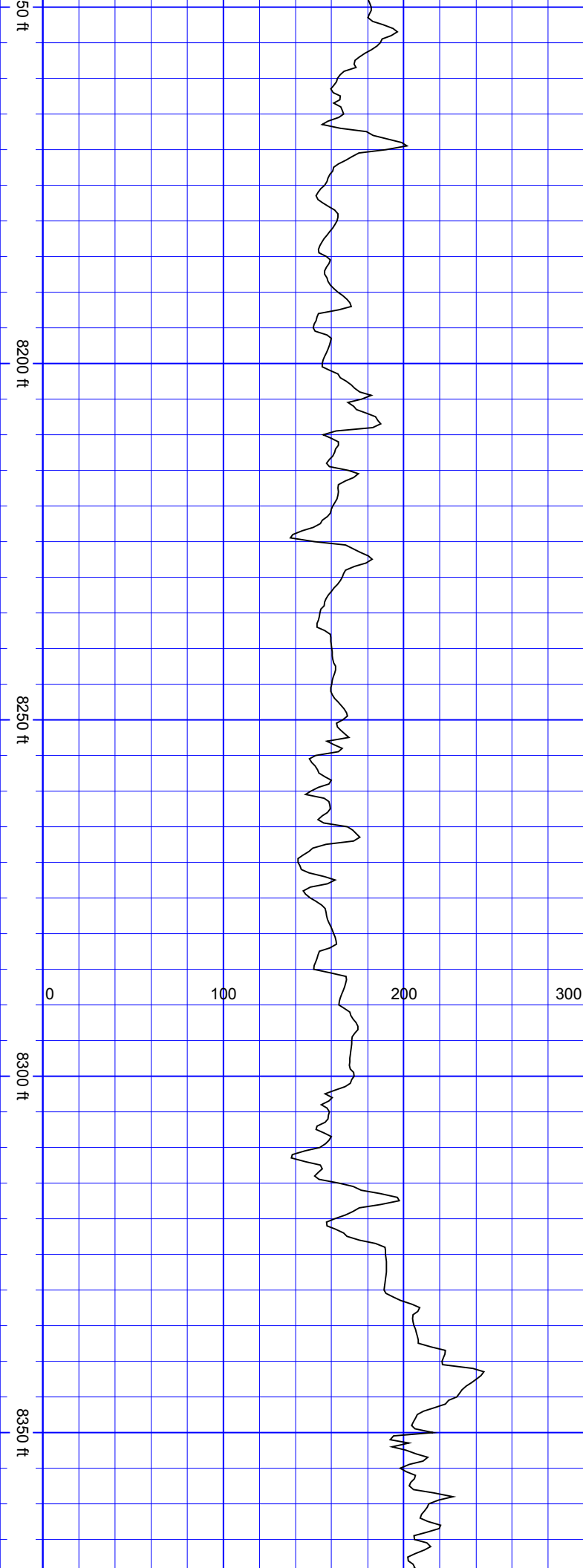
SurveyDepth:7823
TVD:6828.19 Inc:44.21
Azi:315.53
VertSec:953.02

SurveyDepth:7870
TVD:6861.72 Inc:44.78
Azi:319.57
VertSec:984.94

SurveyDepth:7917
TVD:6894.53 Inc:46.71
Azi:325.19
VertSec:1018.13







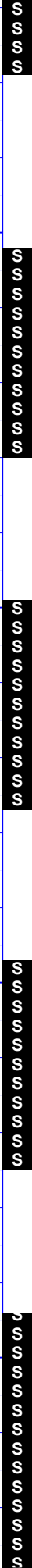
8400 ft

8450 ft

8500 ft

8550 ft

0 100 200 300



SurveyDepth:8389
TVD:7148.86 Inc:68.95
Azi:351.91
VertSec:1403.4

SurveyDepth:8437
TVD:7165.38 Inc:70.8
Azi:354.02
VertSec:1445.41

SurveyDepth:8484
TVD:7180 Inc:72.95
Azi:355.96
VertSec:1486.45

SurveyDepth:8531
TVD:7192.71 Inc:75.67
Azi:358.24
VertSec:1527.33

SurveyDepth:8578
TVD:7203.03 Inc:78.97
Azi:0.17
VertSec:1568.01

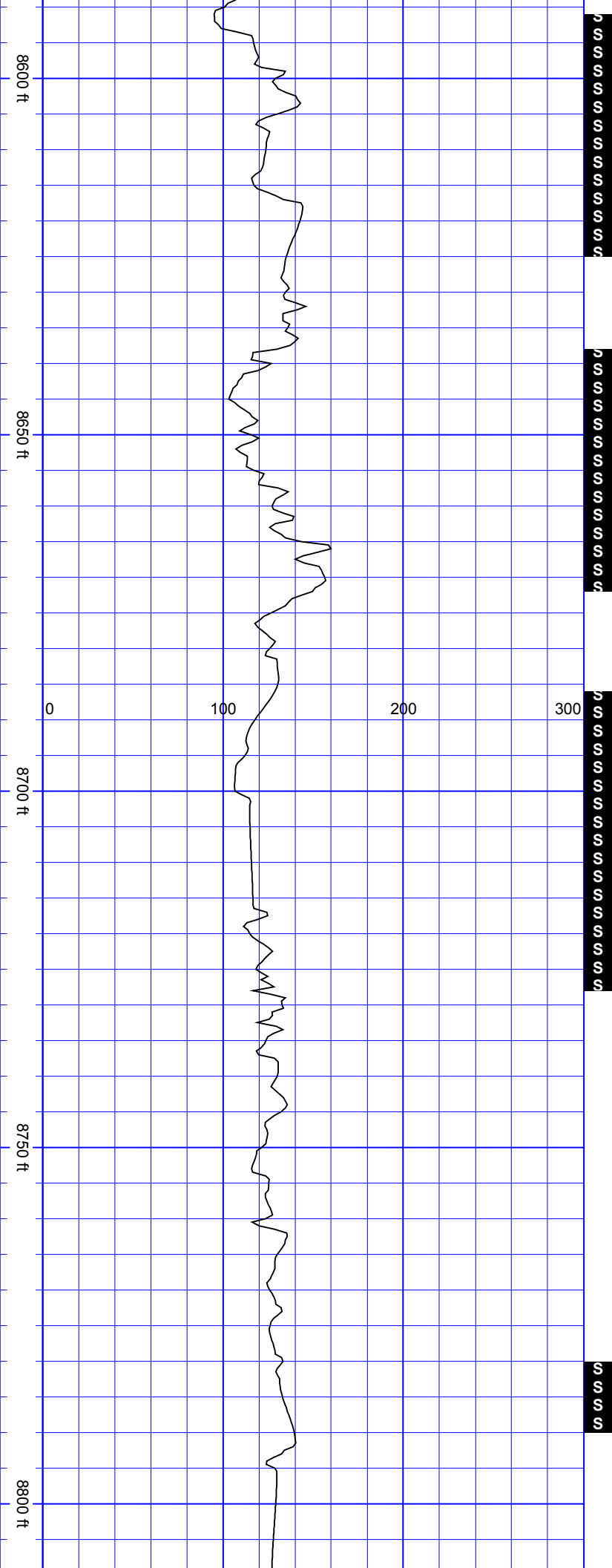
8400 ft

8450 ft

8500 ft

8550 ft

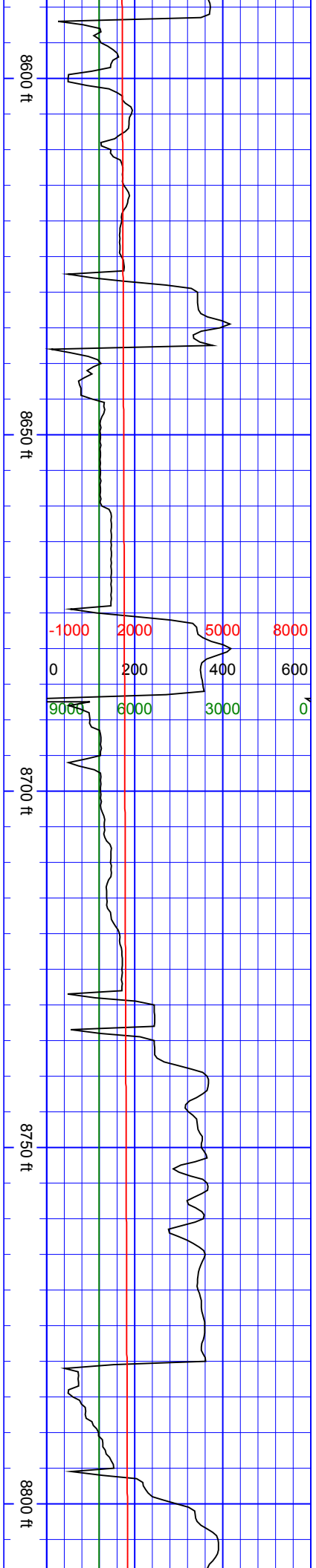
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9000	6000	3000	0

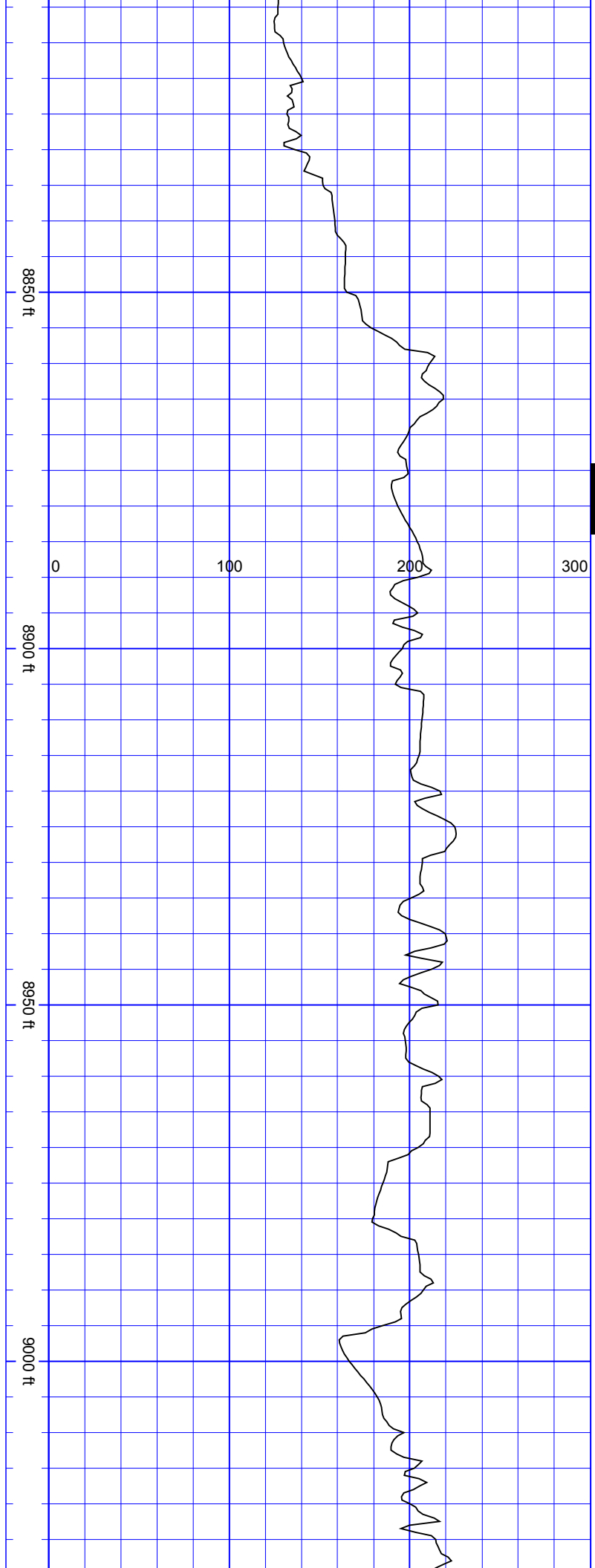


SurveyDepth:8626
TVD:7210.94 Inc:82.05
Azi:0.88 VertSec:1609.5

SurveyDepth:8673
TVD:7215.47 Inc:86.88
Azi:2.02
VertSec:1650.12

SurveyDepth:8720
TVD:7215.9 Inc:92.07
Azi:3.87
VertSec:1690.31

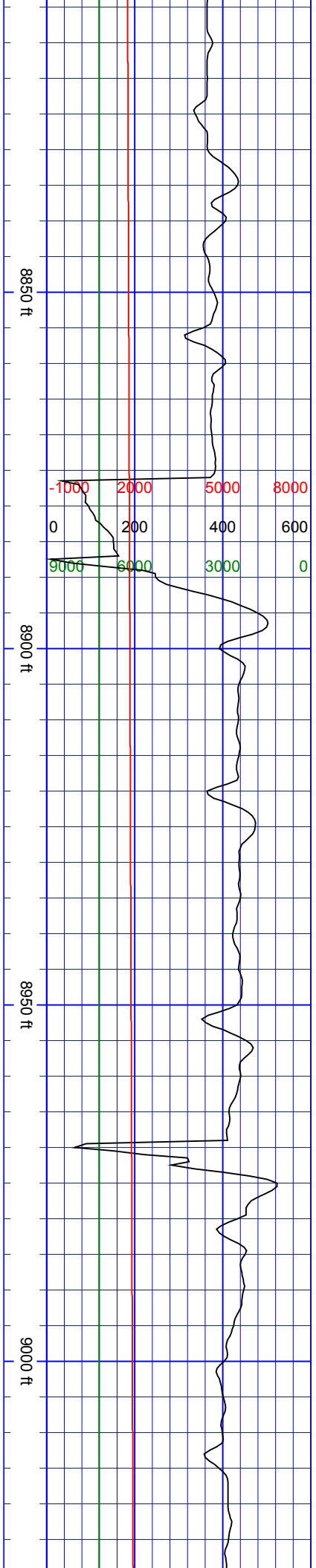


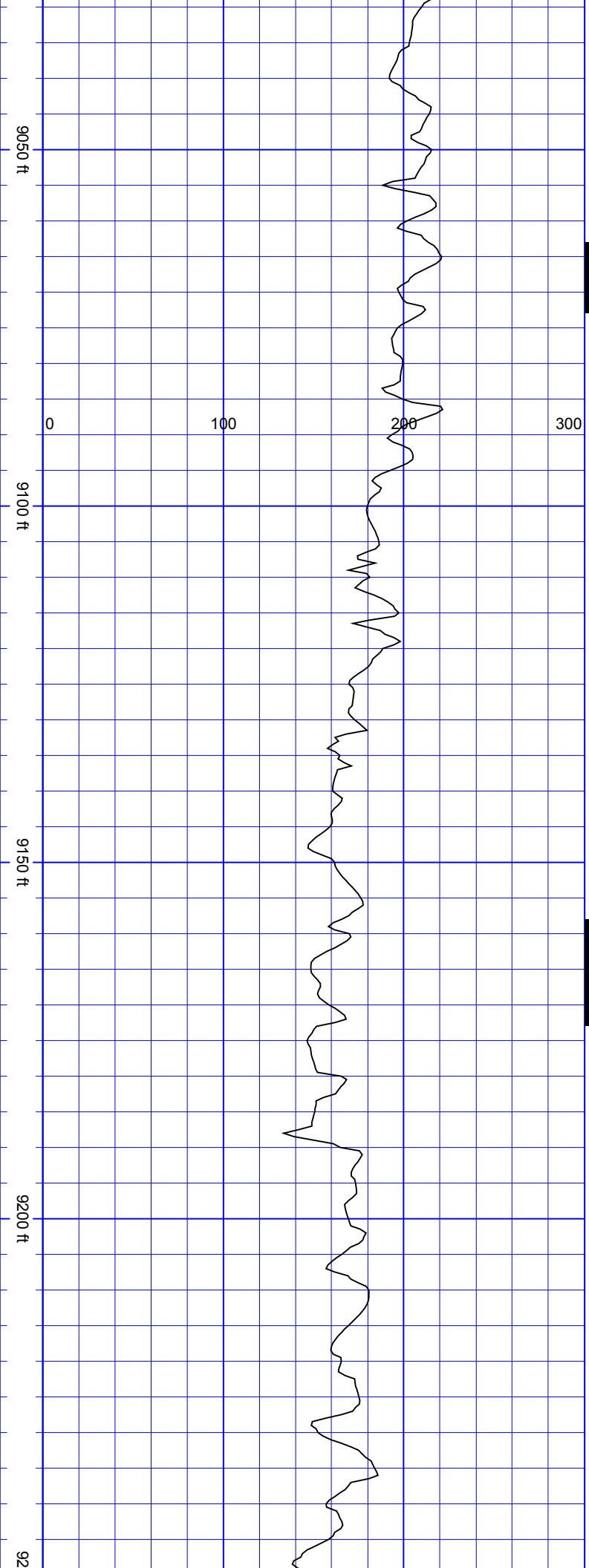


SurveyDepth:8814
TVD:7212.58 Inc:91.98
Azi:4.31
VertSec:1769.68

SurveyDepth:8909
TVD:7210.86 Inc:90.09
Azi:3.95
VertSec:1849.89

SurveyDepth:9003
TVD:7210.5 Inc:90.35
Azi:3.78
VertSec:1929.51



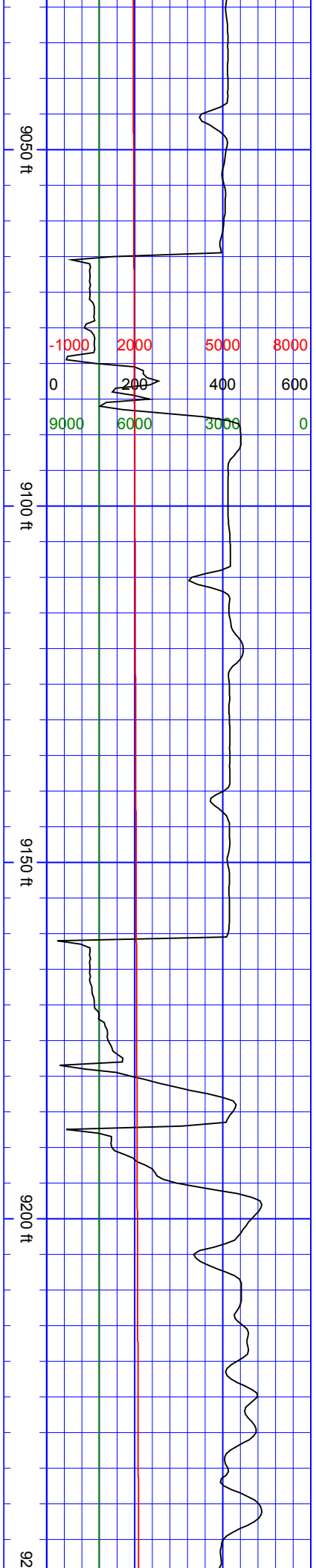


SSS

SurveyDepth:9098
TVD:7210.29 Inc:89.91
Azi:3.34
VertSec:2010.24

SSSSS

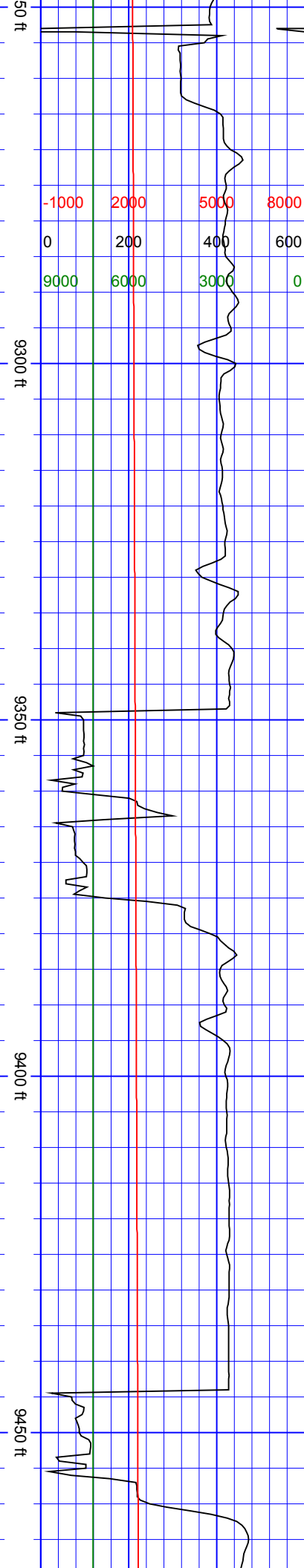
SurveyDepth:9192
TVD:7210.69 Inc:89.6
Azi:0.88
VertSec:2091.34



SSSSS

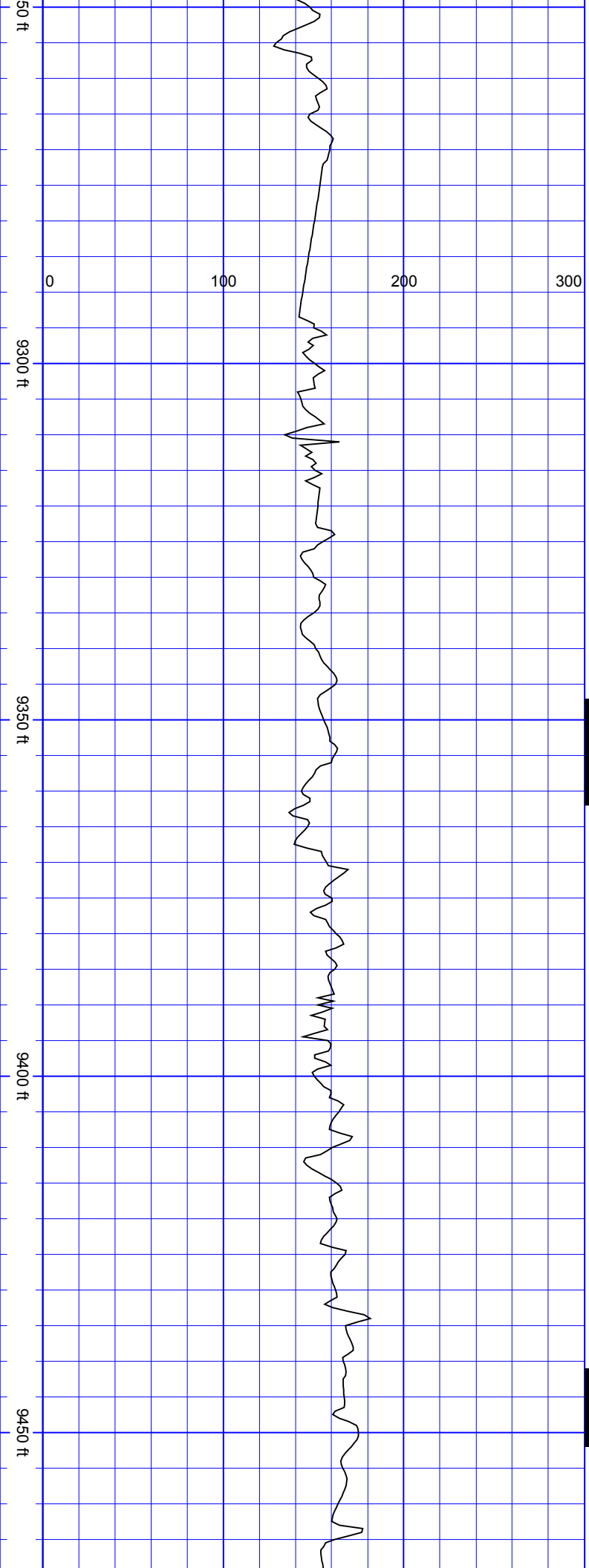
SurveyDepth:9192
TVD:7210.69 Inc:89.6
Azi:0.88
VertSec:2091.34

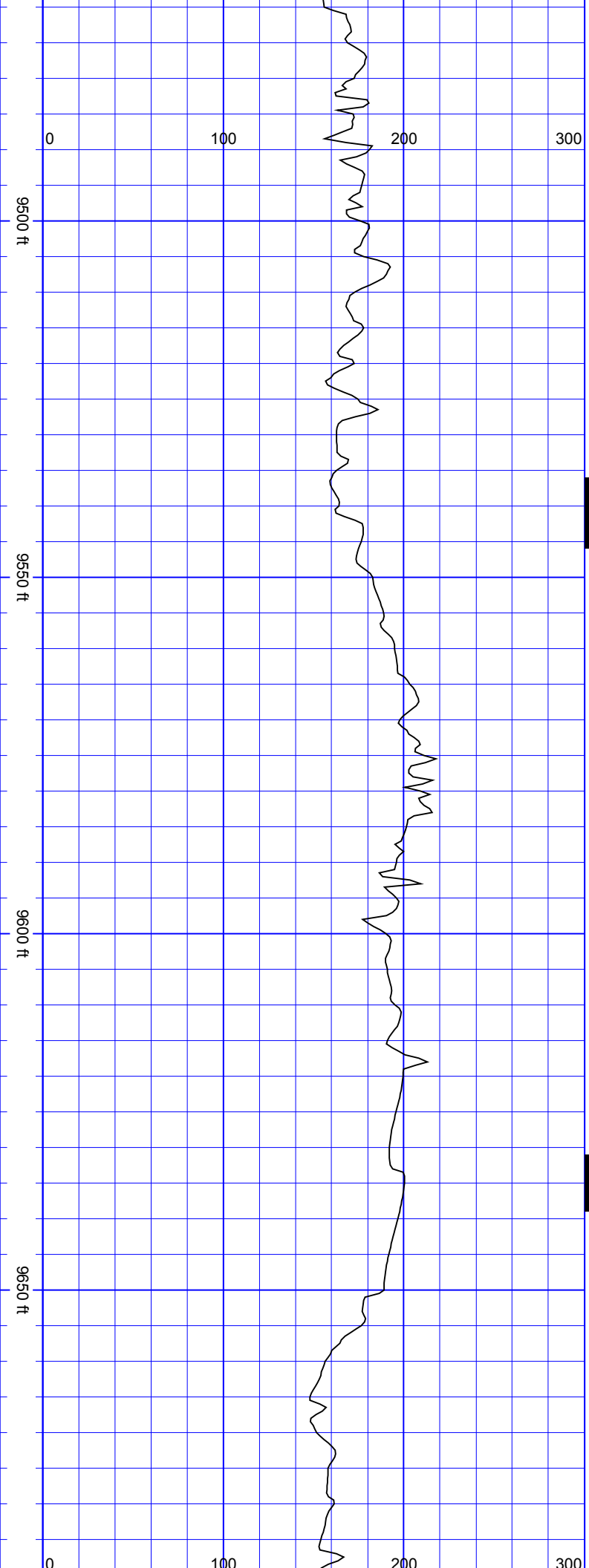
SSSSS



SurveyDepth:9287
TVD:7211.35 Inc:89.6
Azi:1.58
VertSec:2174.04

SurveyDepth:9381
TVD:7211.83 Inc:89.82
Azi:0.35
VertSec:2256.08

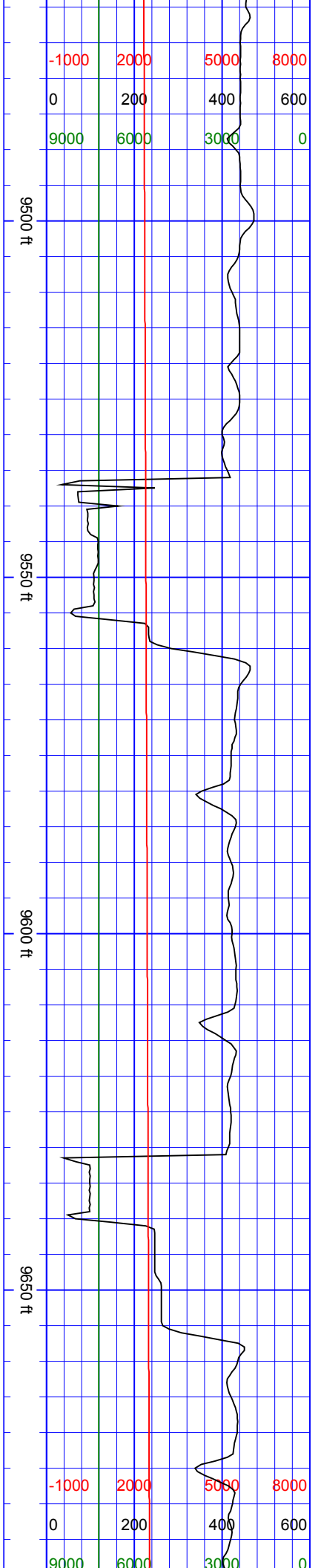


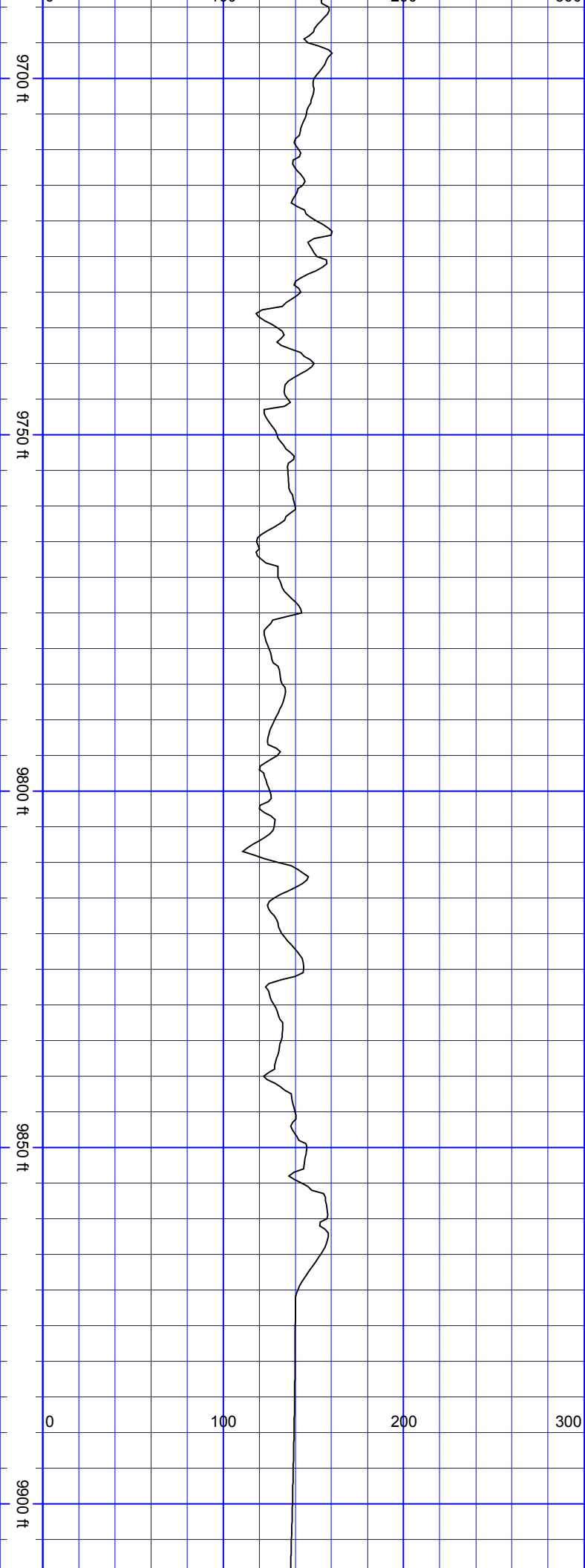


SurveyDepth:9476
TVD:7211.17 Inc:90.97
Azi:0.26
VertSec:2339.52

SurveyDepth:9571
TVD:7208.91 Inc:91.76
Azi:360 VertSec:2423.07

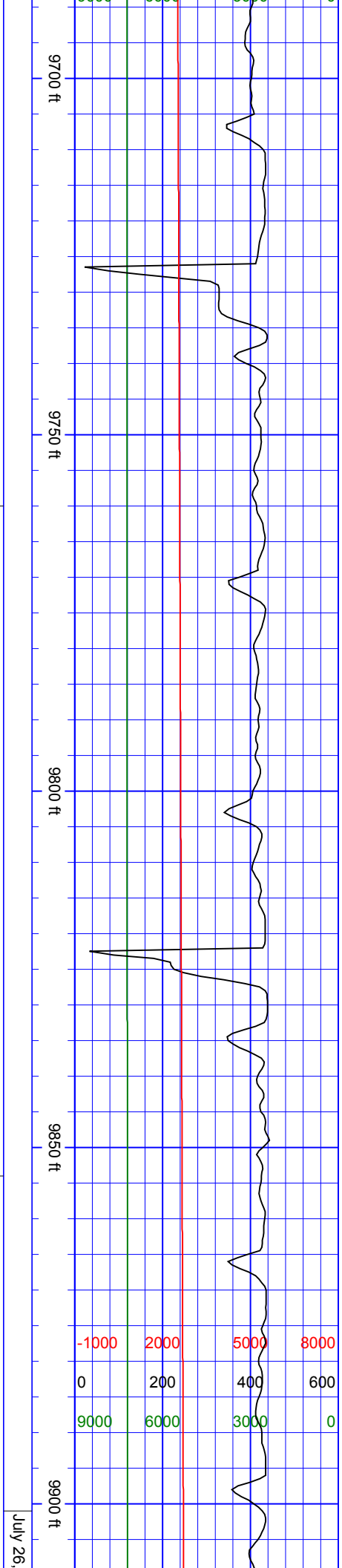
SurveyDepth:9665
TVD:7206.24 Inc:91.49
Azi:359.21
VertSec:2506.15

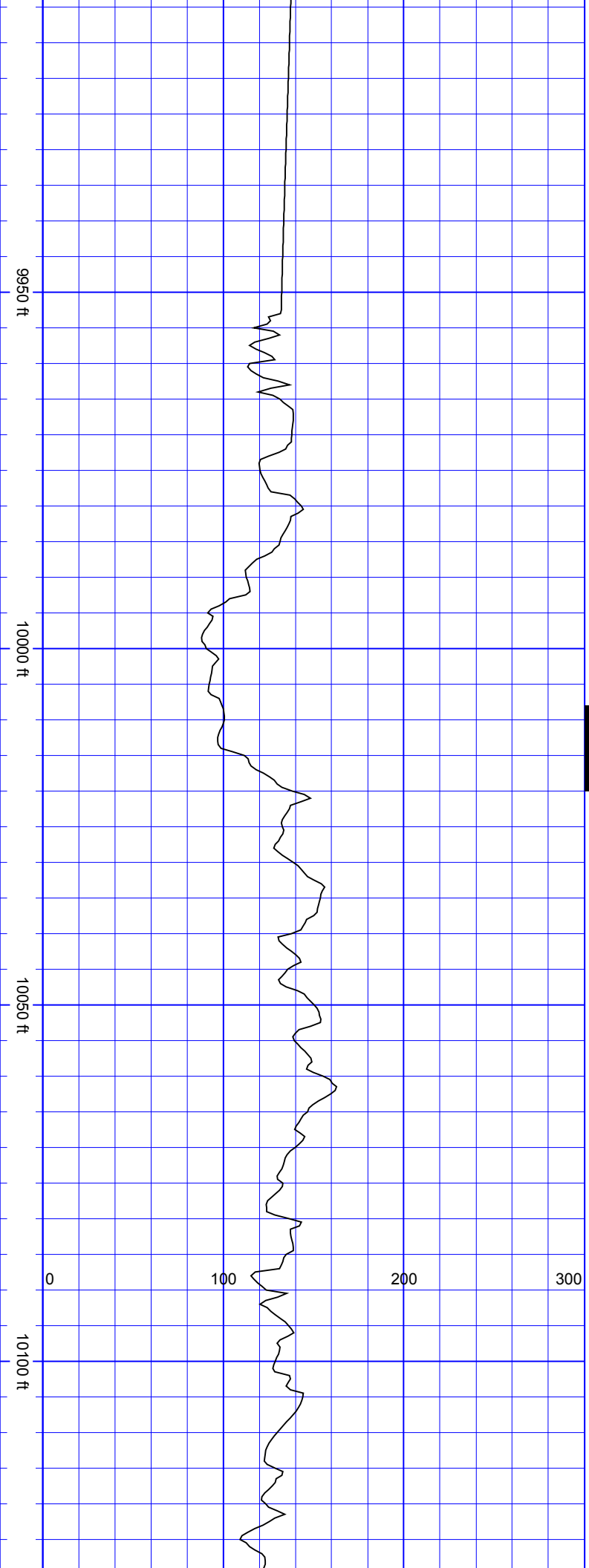




SurveyDepth:9760
TVD:7203.08 Inc:92.33
Azi:358.59
VertSec:2590.63

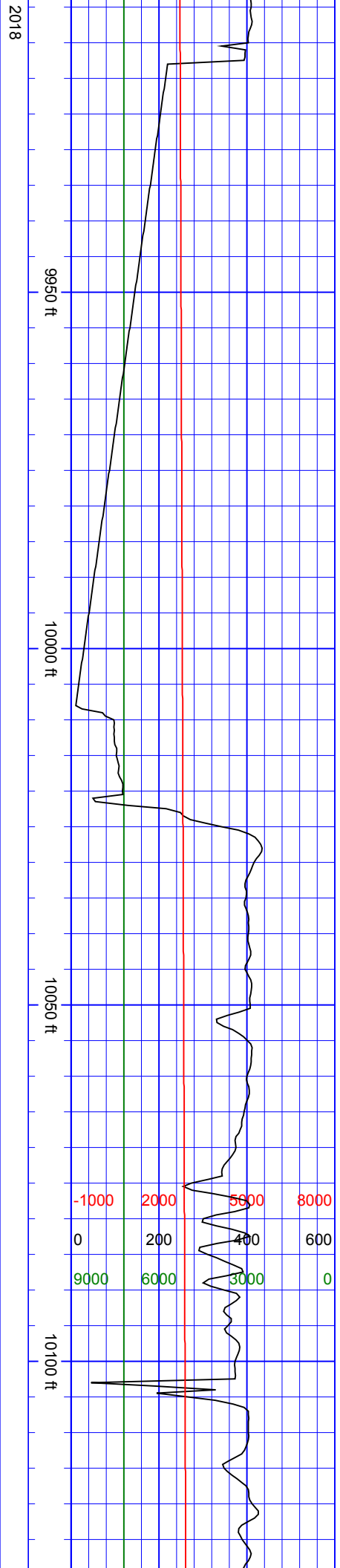
SurveyDepth:9854
TVD:7199.08 Inc:92.55
Azi:358.94
VertSec:2674.3

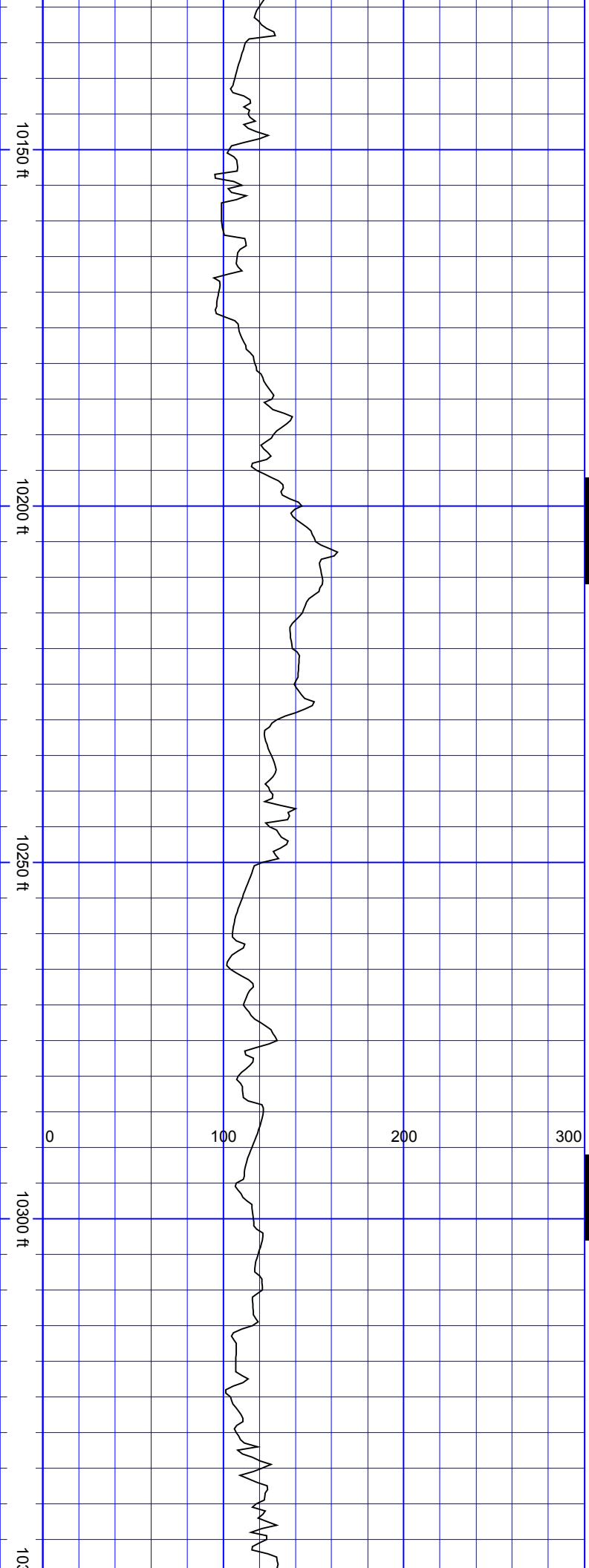




SurveyDepth:9948
TVD:7194.39 Inc:93.16
Azi:358.07
VertSec:2758.13

SurveyDepth:10042
TVD:7189.64 Inc:92.64
Azi:357.8
VertSec:2842.38





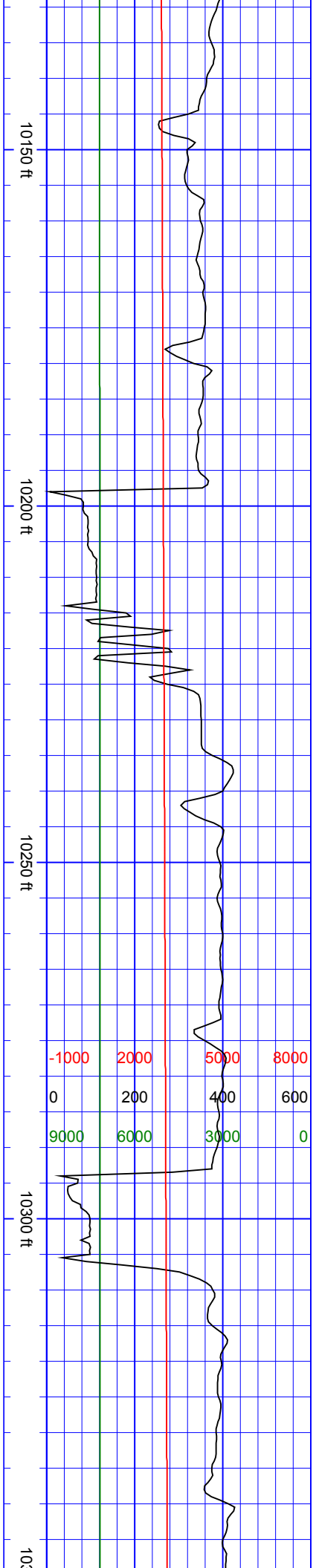
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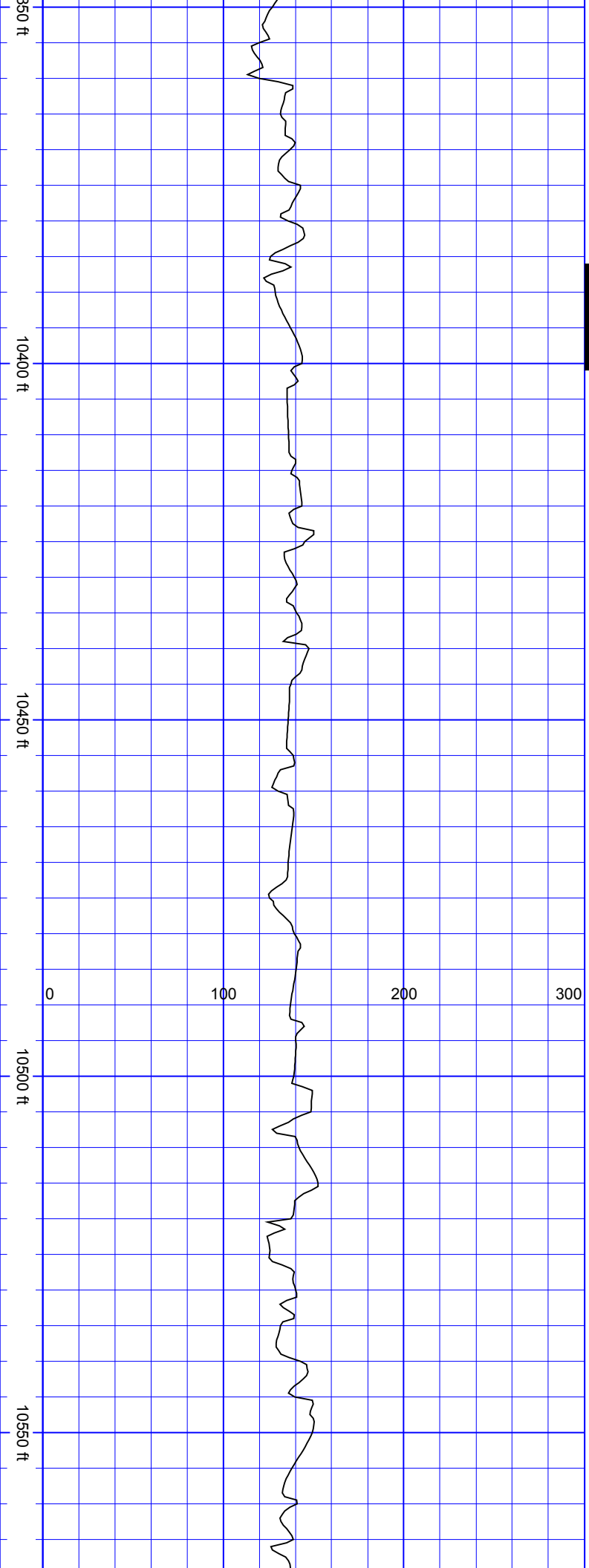
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SurveyDepth:10136
TVD:7185.42 Inc:92.51
Azi:357.71
VertSec:2926.77

SurveyDepth:10231
TVD:7182.13 Inc:91.45
Azi:359.12
VertSec:3011.62

SurveyDepth:10326
TVD:7179.84 Inc:91.32
Azi:359.56
VertSec:3095.79

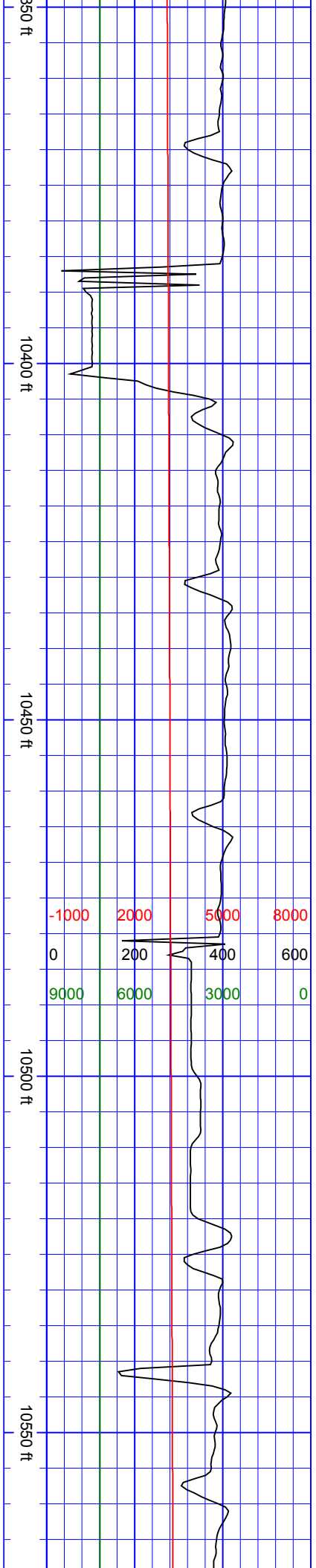


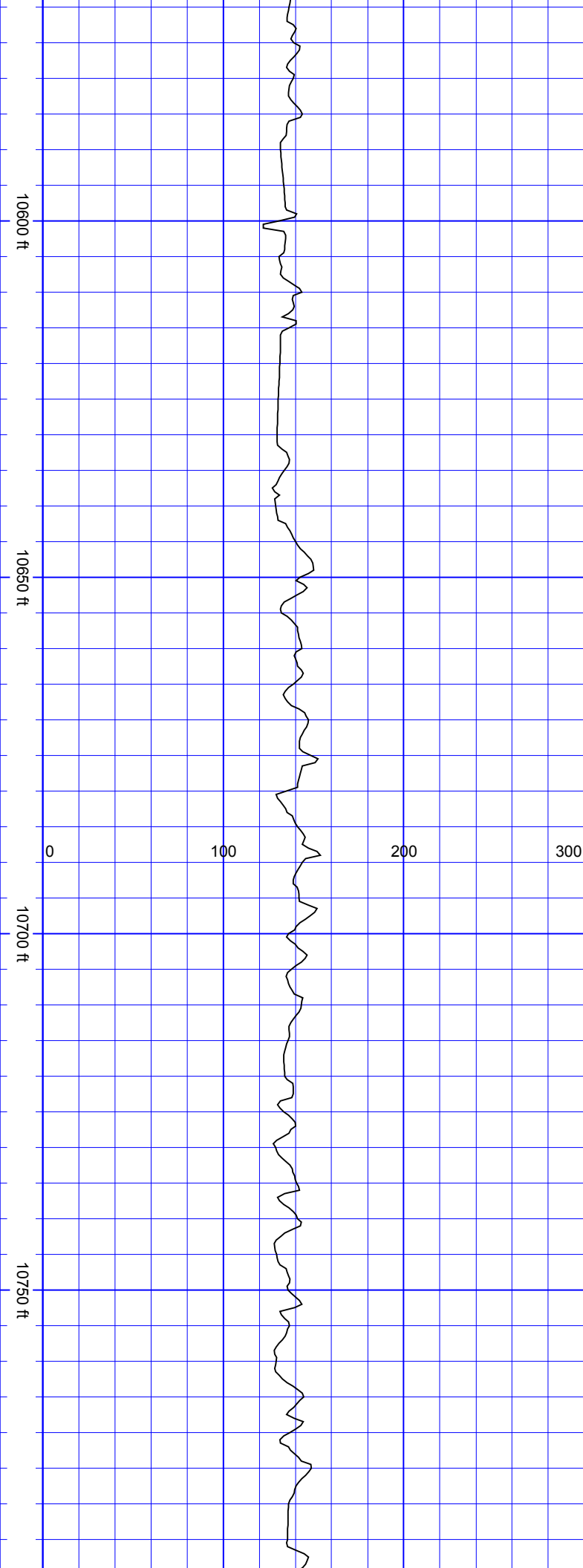


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SurveyDepth:10421
TVD:7178.92 Inc:89.78
Azi:0.26
VertSec:3179.54

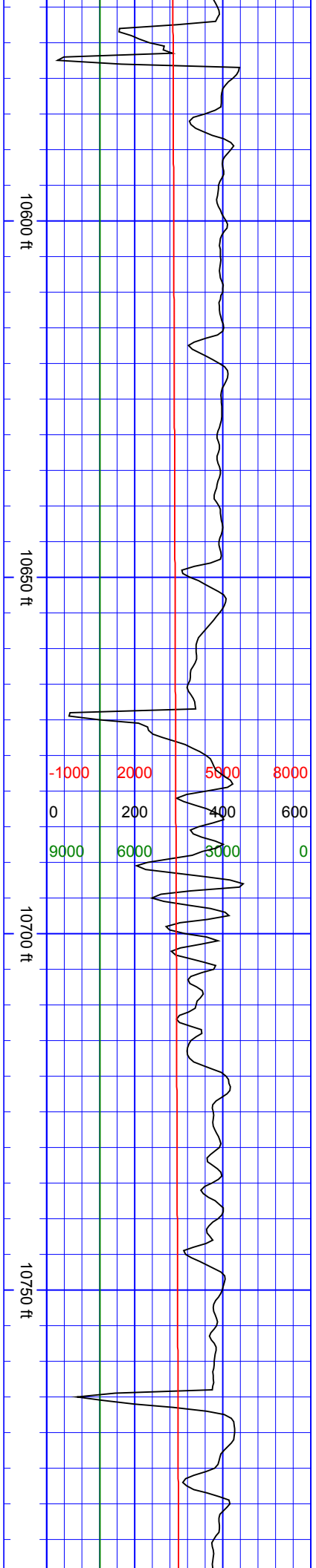
SurveyDepth:10515
TVD:7179.11 Inc:90
Azi:0.44
VertSec:3262.07

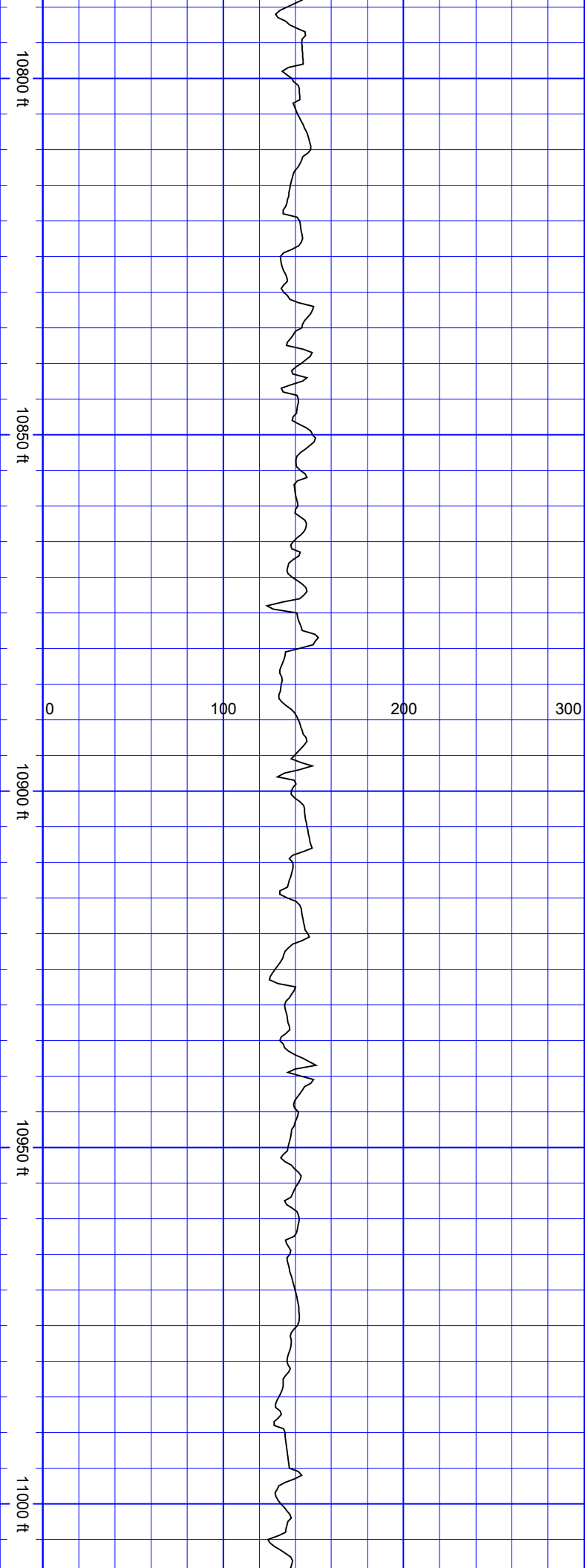




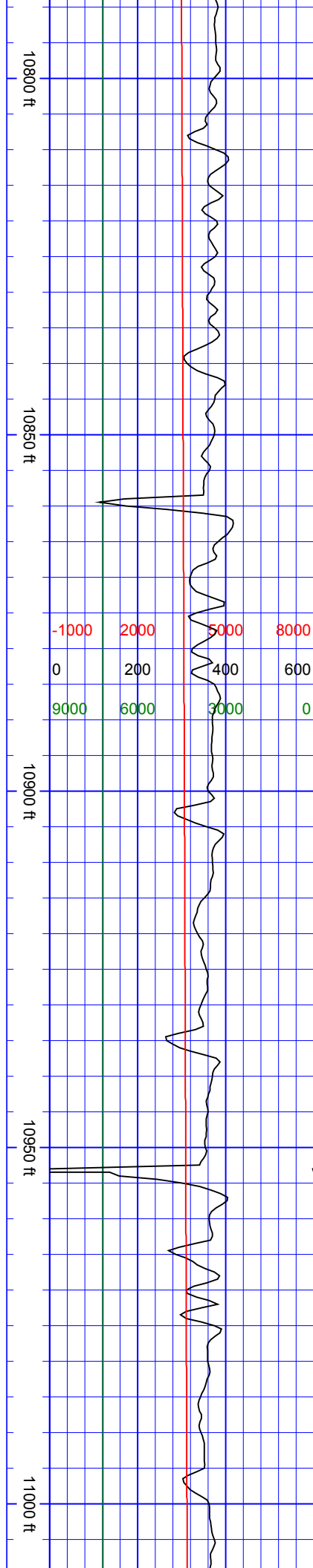
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TVD:7179.18 Inc:89.91
Azi:0.53
VertSec:3344.49

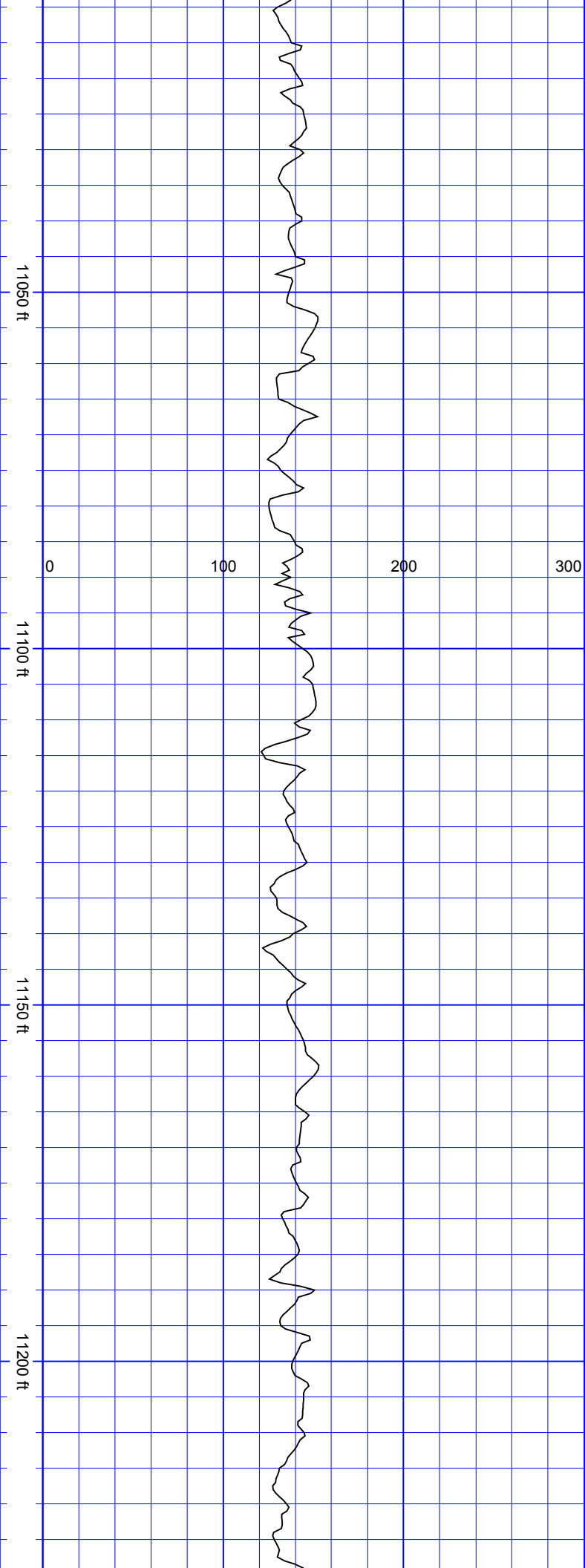
SurveyDepth:10704
TVD:7179.36 Inc:89.87
Azi:0.26
VertSec:3427.86





SurveyDepth:10798 TVD:7179.39 Inc:90.09 Azi:0.44 VertSec:3510.39	SurveyDepth:10892 TVD:7179.71 Inc:89.52 Azi:0.61 VertSec:3592.78	SurveyDepth:10987 TVD:7180.04 Inc:90.09 Azi:0.79 VertSec:3675.91
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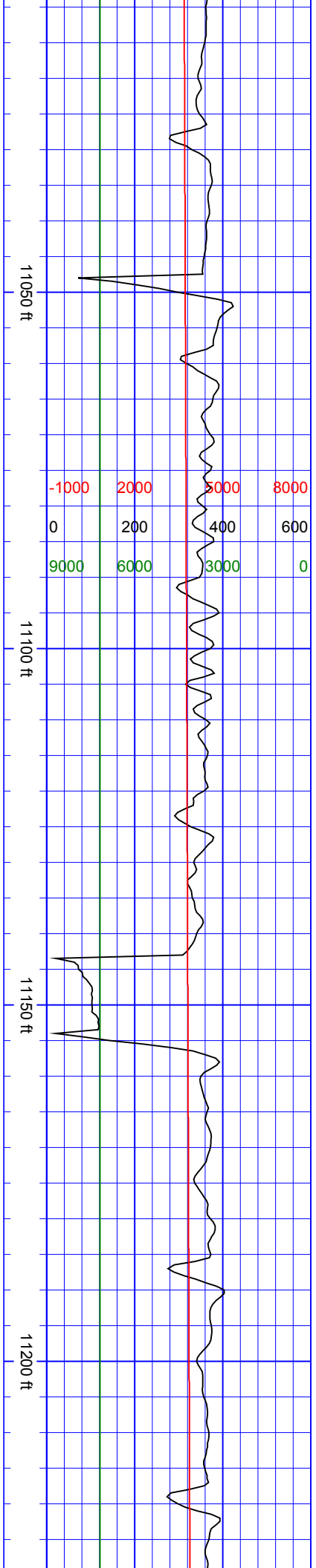


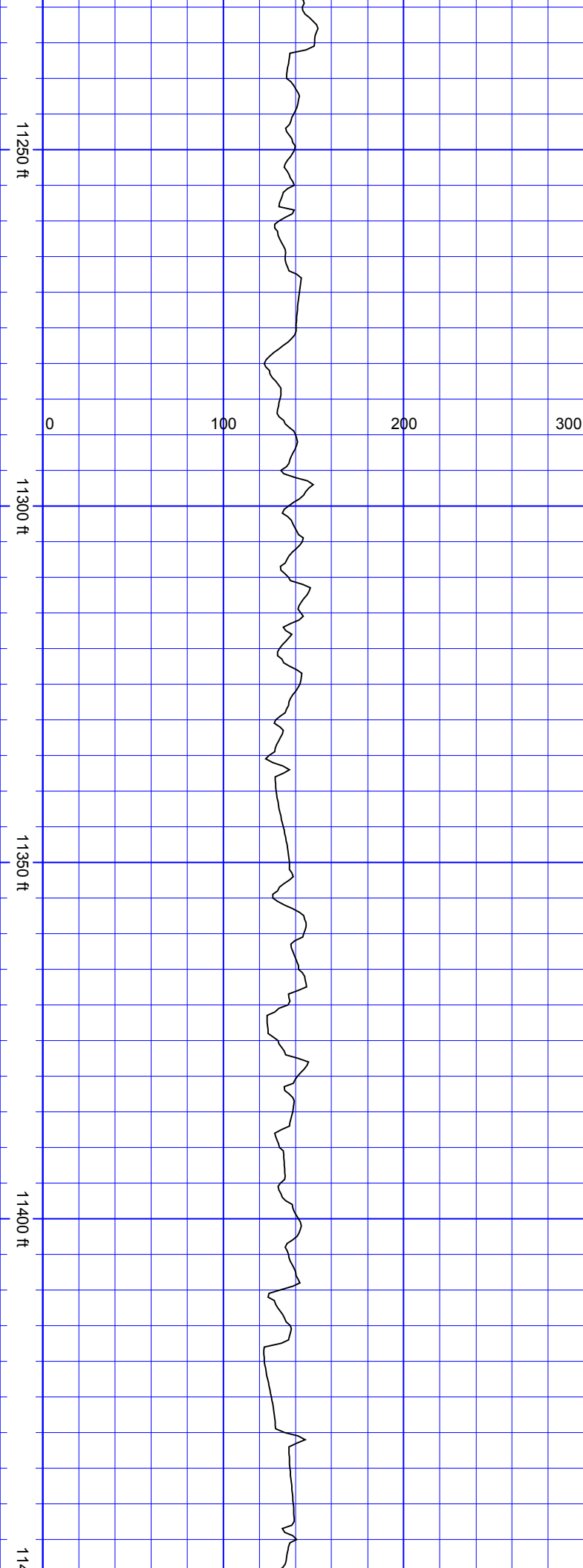


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SurveyDepth:11081
TVD:7180.22 Inc:89.69
Azi:1.05
VertSec:3757.99

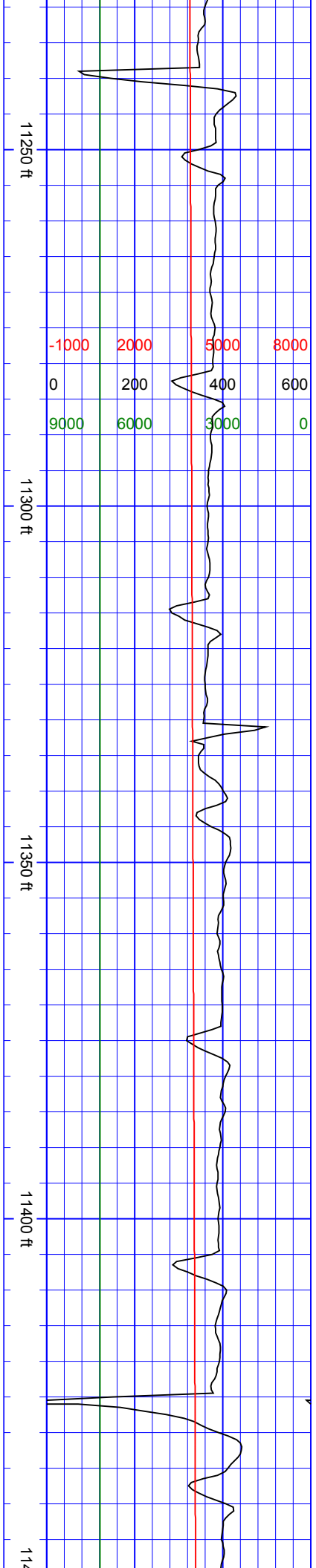
SurveyDepth:11176
TVD:7180.44 Inc:90.04
Azi:359.65
VertSec:3841.4

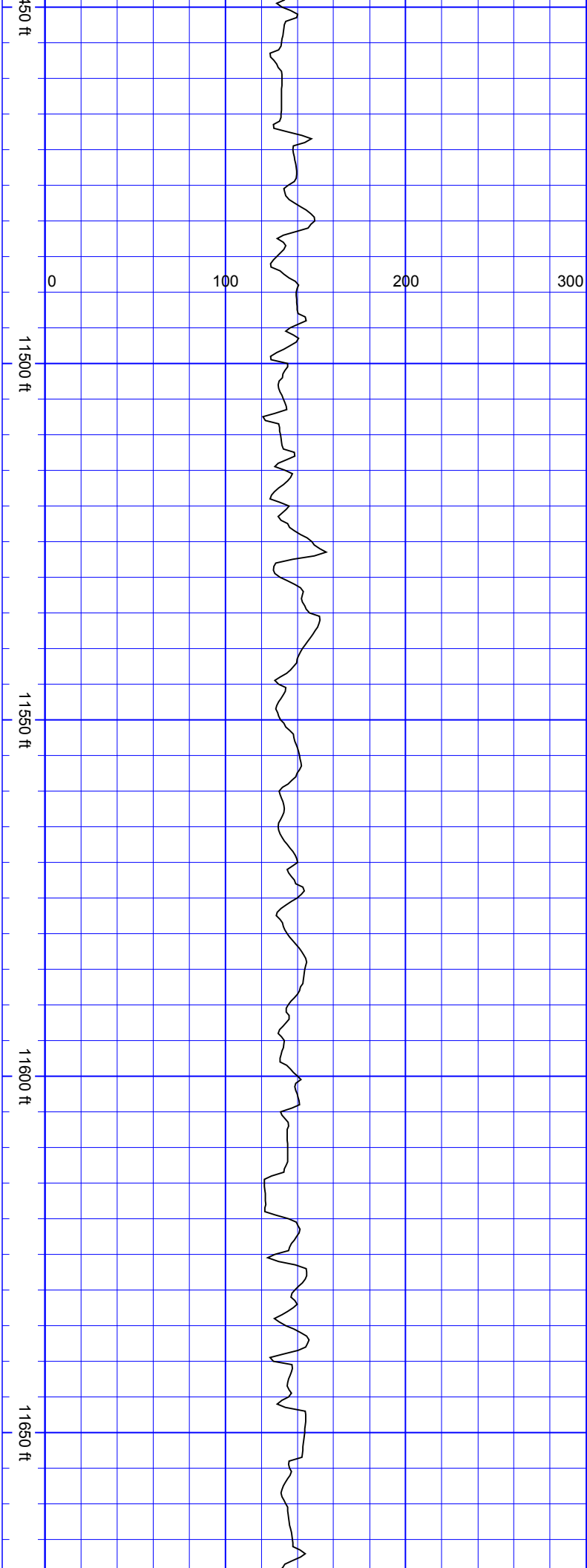




SurveyDepth:11270
TVD:7180.3 Inc:90.13
Azi:359.82
VertSec:3924.41

SurveyDepth:11365
TVD:7180.27 Inc:89.91
Azi:360 VertSec:4008.16

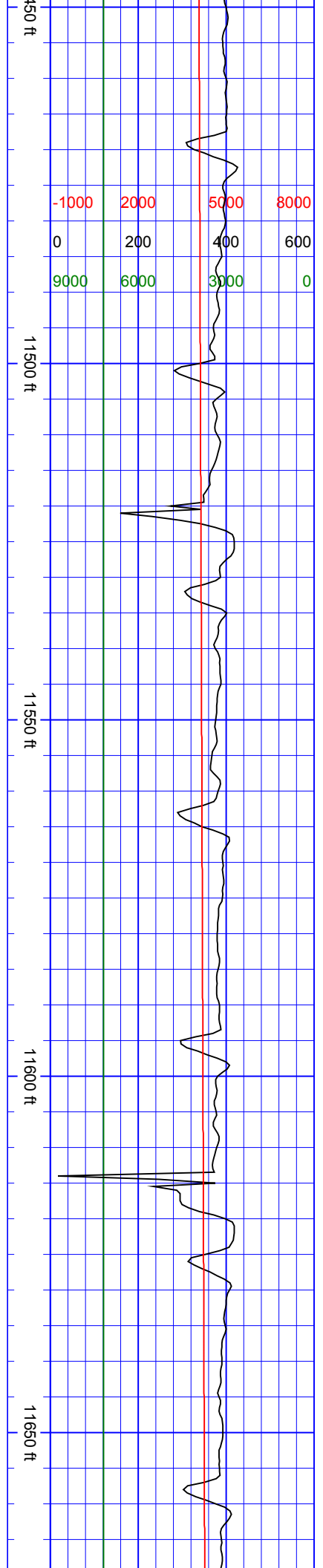


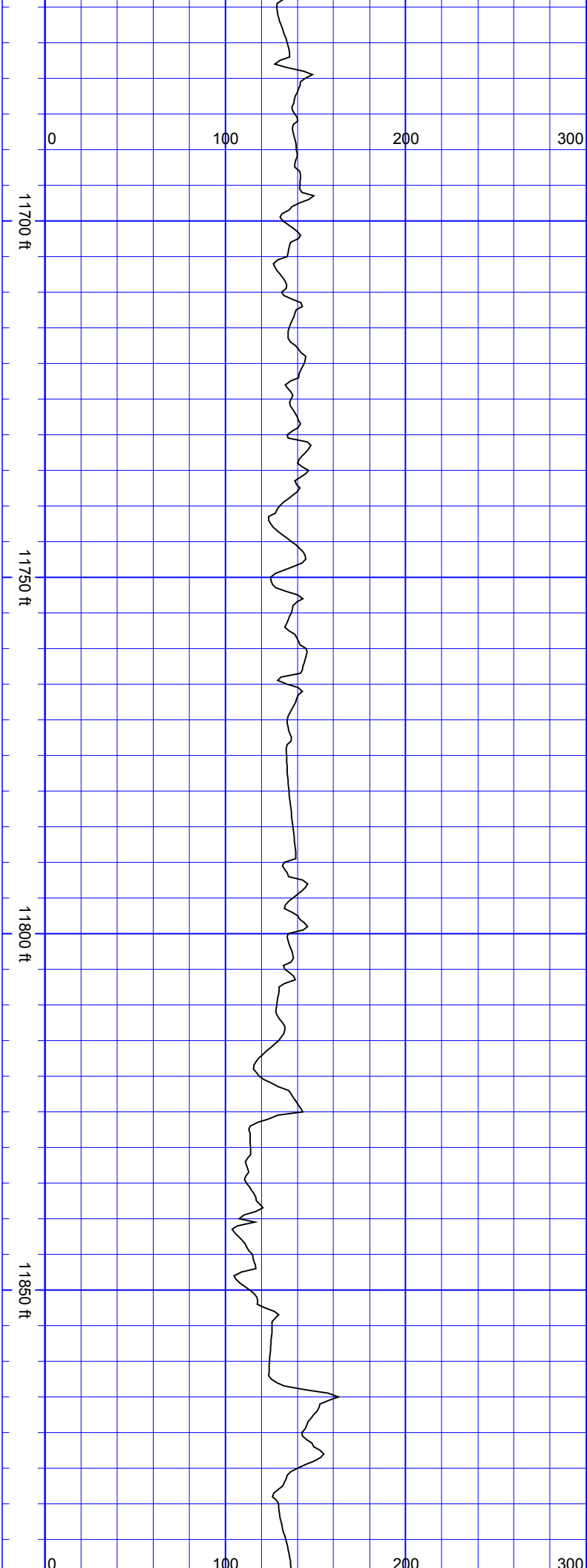


SurveyDepth:11459
TVD:7180.24 Inc:90.13
Azi:0.17 VertSec:4090.9

SurveyDepth:11553
TVD:7180.31 Inc:89.78
Azi:0.44
VertSec:4173.46

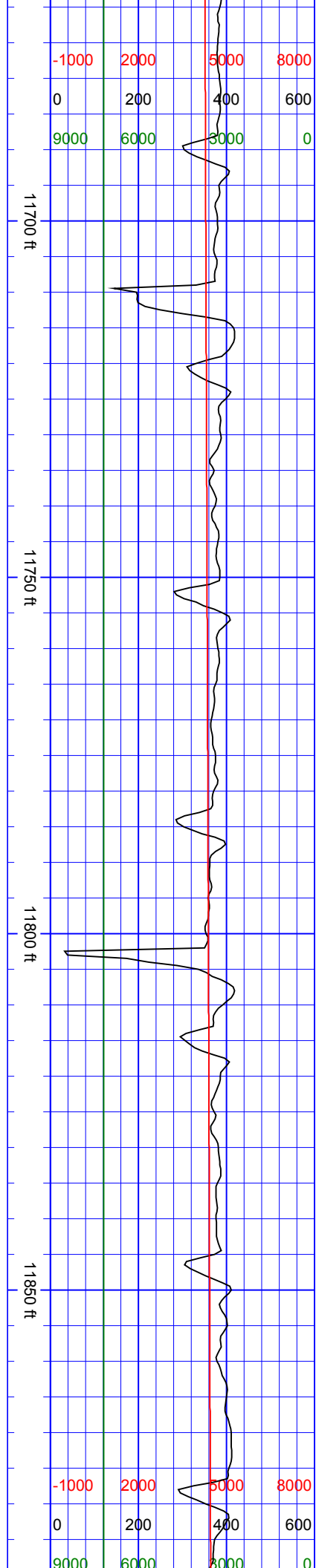
SurveyDepth:11648
TVD:7180.57 Inc:89.91
Azi:0.53
VertSec:4256.76

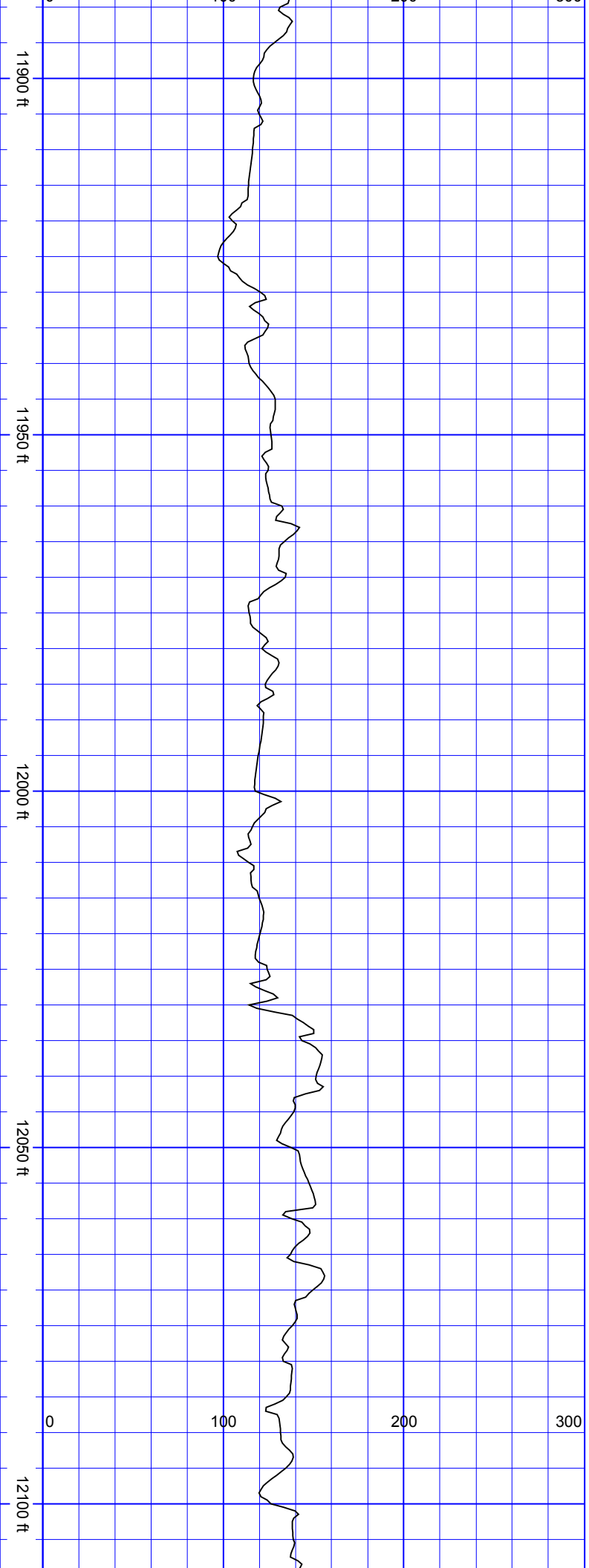




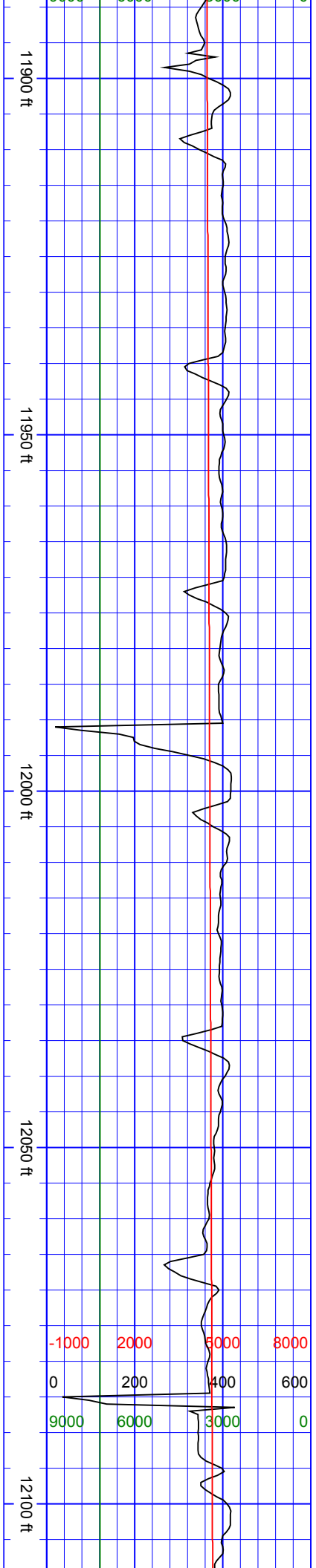
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TVD:7180.43 Inc:90.26
Azi:0.44
VertSec:4339.19

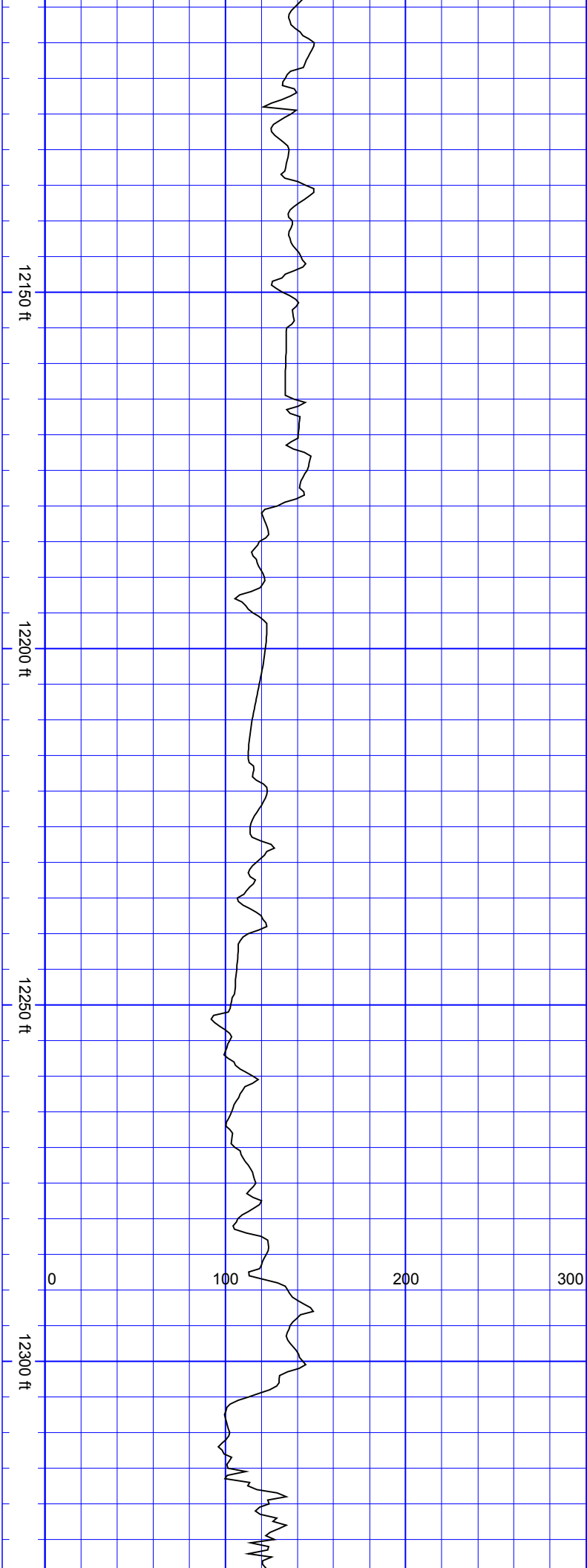
SurveyDepth:11836
TVD:7179.6 Inc:90.75
Azi:0.26
VertSec:4421.72



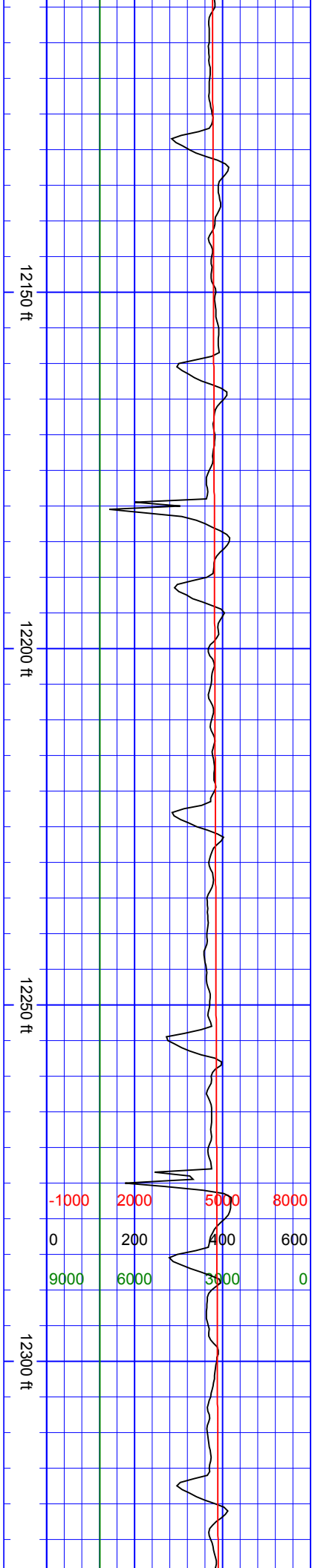


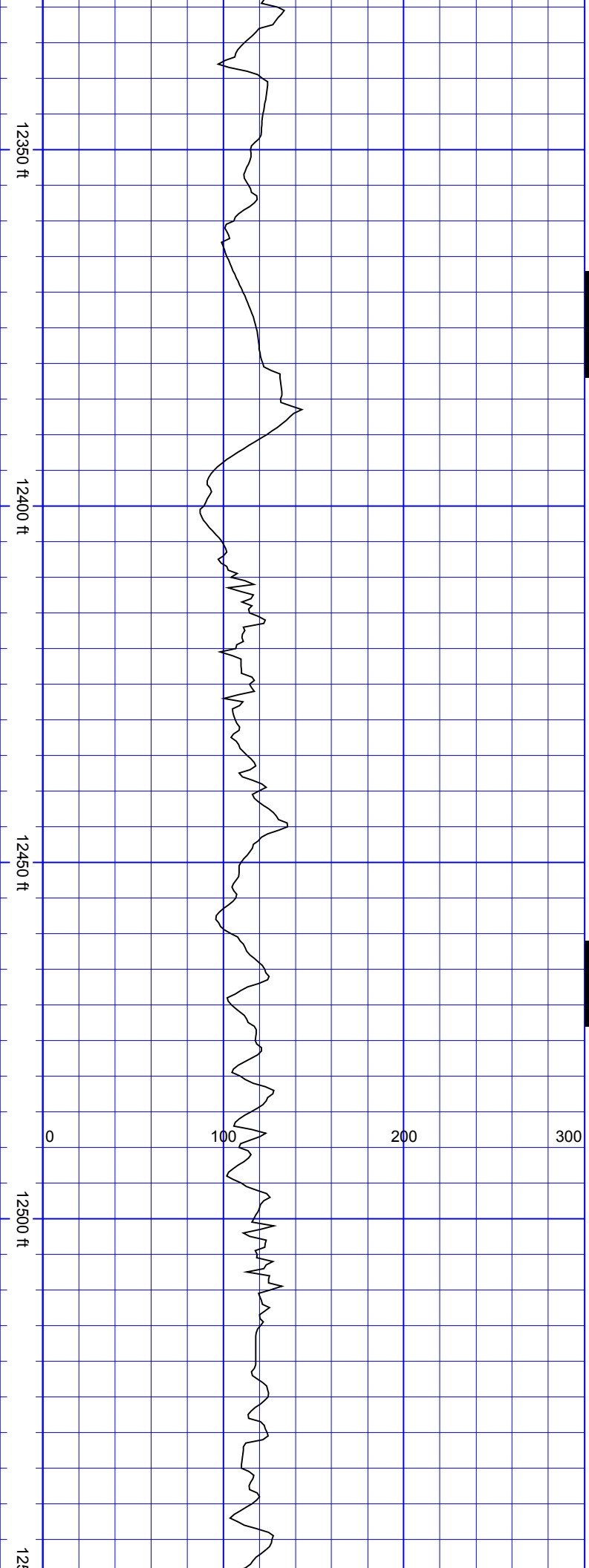
SurveyDepth:11930 TVD:7178.34 Inc:90.79 Azi:359.91 VertSec:4504.45	SurveyDepth:12024 TVD:7176.65 Inc:91.27 Azi:359.47 VertSec:4587.47
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SurveyDepth:12119 TVD:7174.5 Inc:91.32 Azi:359.3 VertSec:4671.62
SurveyDepth:12213 TVD:7172.41 Inc:91.23 Azi:359.3 VertSec:4754.94
SurveyDepth:12307 TVD:7169.77 Inc:91.98 Azi:358.94 VertSec:4838.38



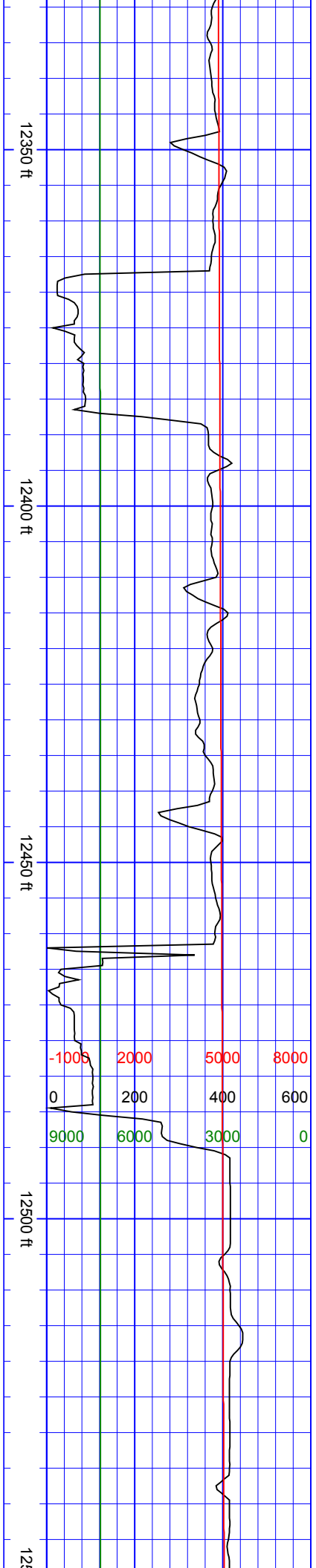


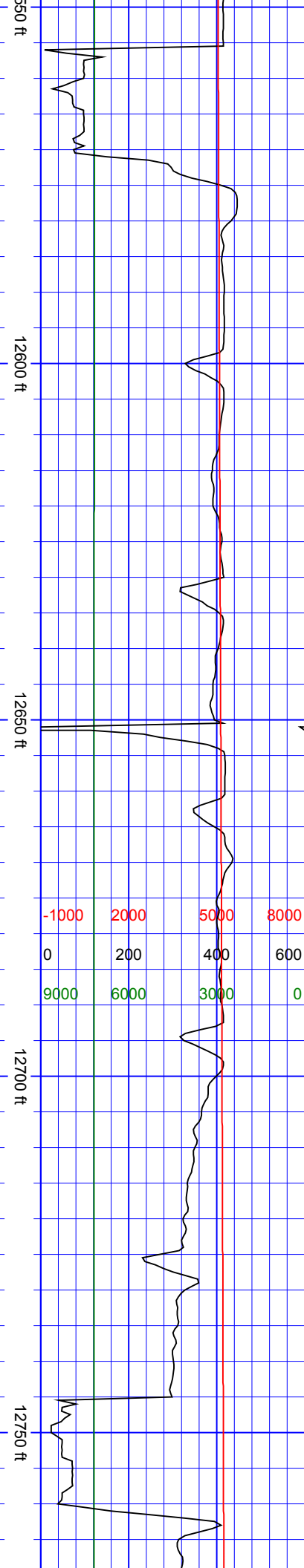
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SurveyDepth:12401
TVD:7167.07 Inc:91.32
Azi:359.56
VertSec:4921.72

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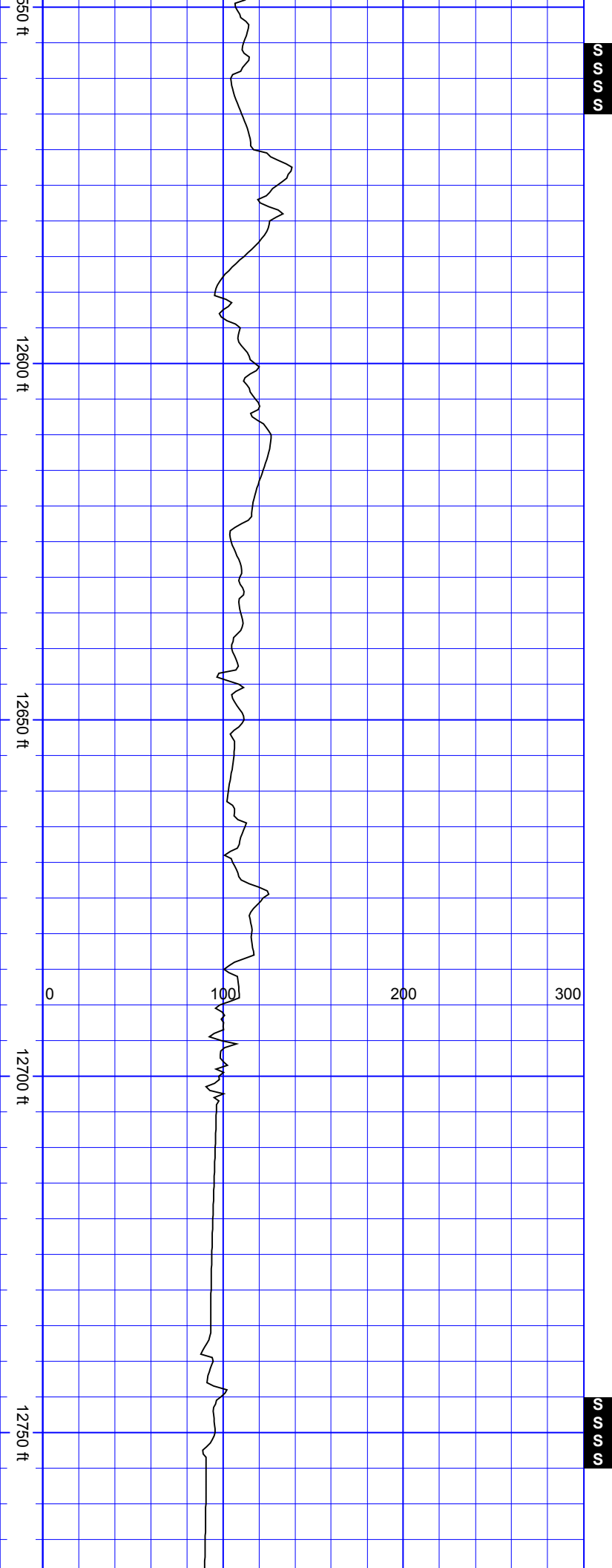
SurveyDepth:12495
TVD:7165.84 Inc:90.18
Azi:358.86
VertSec:5005.12

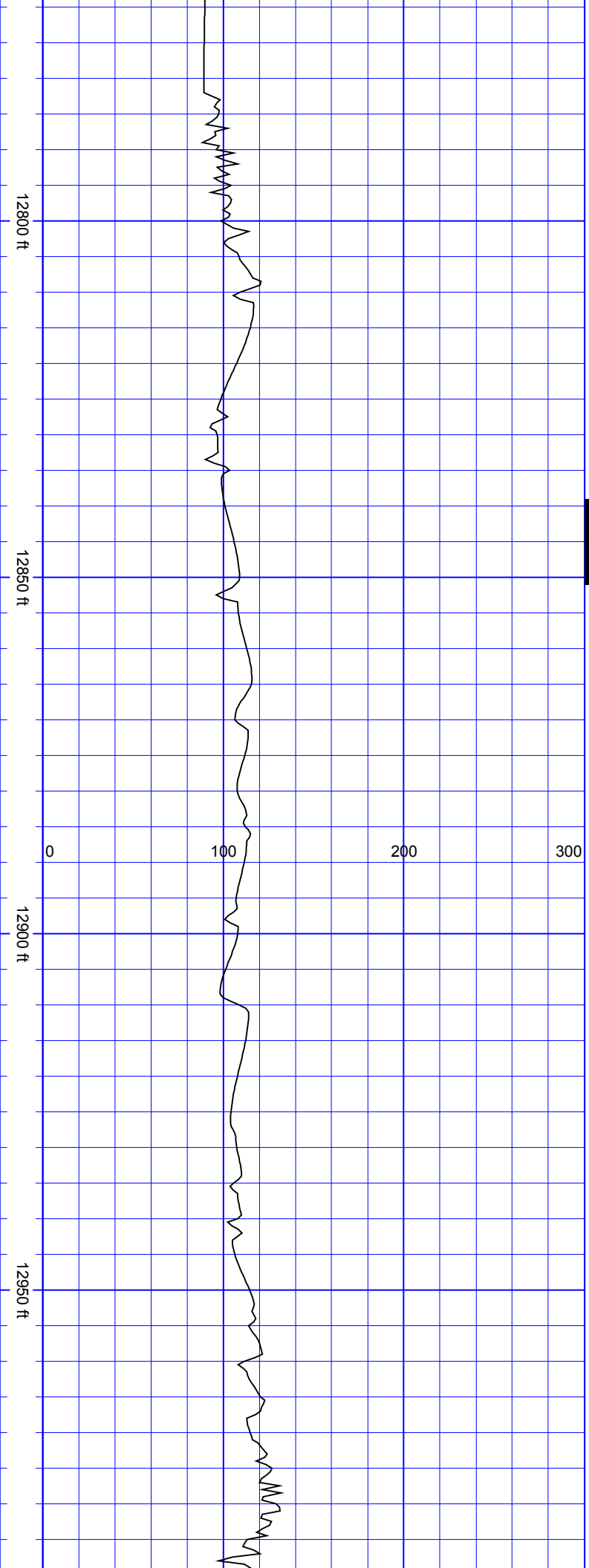




SurveyDepth:12590
TVD:7166.86 Inc:88.59
Azi:357.89
VertSec:5090.04

SurveyDepth:12685
TVD:7169.05 Inc:88.77
Azi:357.8
VertSec:5175.33



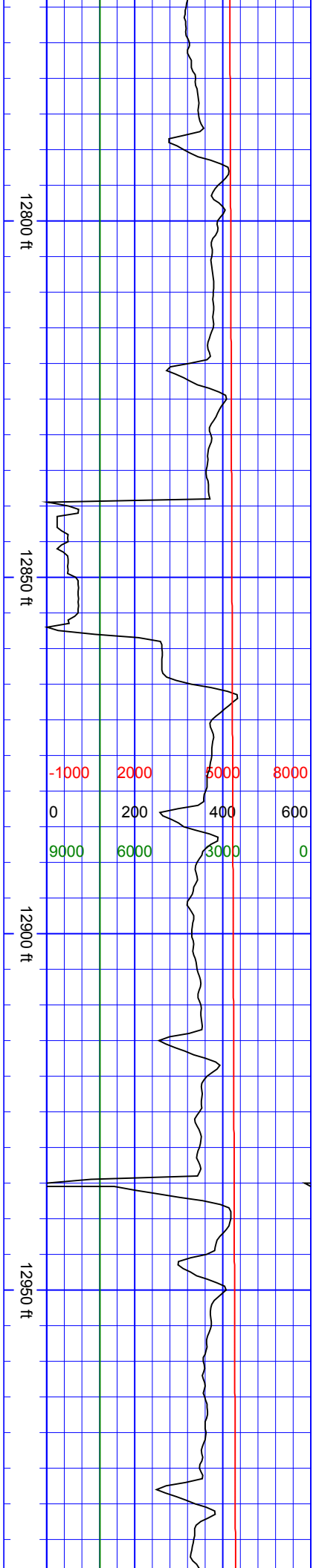


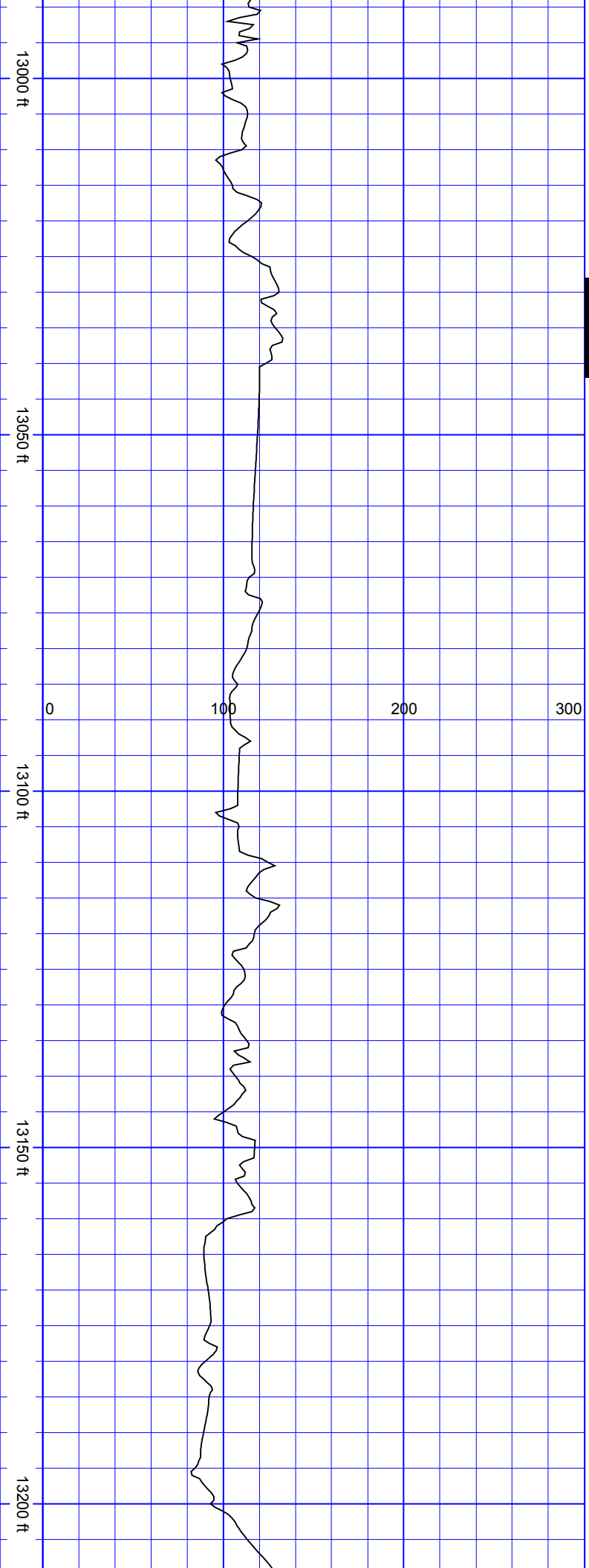
SurveyDepth:12779
TVD:7169.55 Inc:90.62
Azi:360 VertSec:5258.97

SurveyDepth:12874
TVD:7169.21 Inc:89.78
Azi:1.05
VertSec:5342.23

SurveyDepth:12968
TVD:7168.93 Inc:90.57
Azi:0.88
VertSec:5424.28

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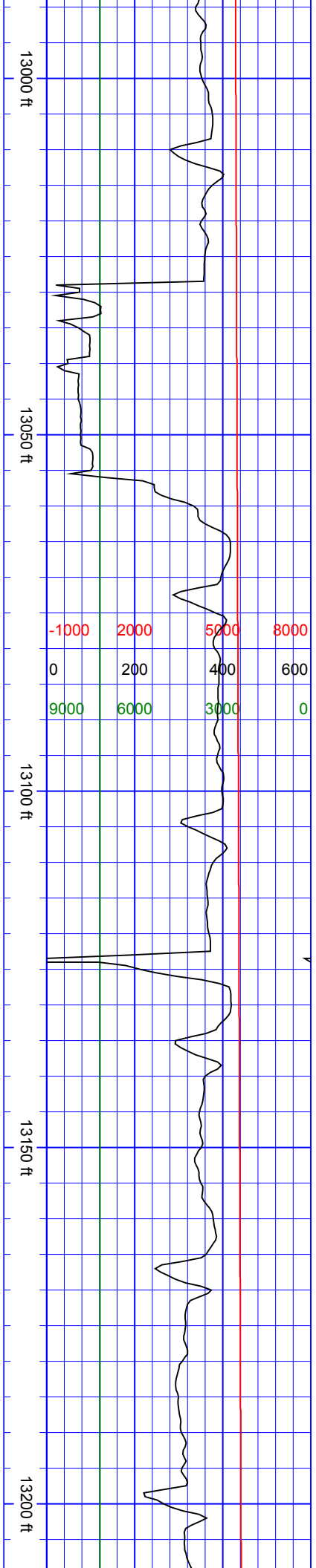




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SurveyDepth:13063
TVD:7169.99 Inc:88.15
Azi:0.53
VertSec:5507.39

SurveyDepth:13157
TVD:7172.84 Inc:88.37
Azi:0.09
VertSec:5589.91



13250 ft

0 100 200 300

13300 ft

13350 ft

13400 ft

SurveyDepth:13251
TVD:7175.48 Inc:88.42
Azi:0.09
VertSec:5672.61

SurveyDepth:13346
TVD:7177.99 Inc:88.55
Azi:359.91
VertSec:5756.27

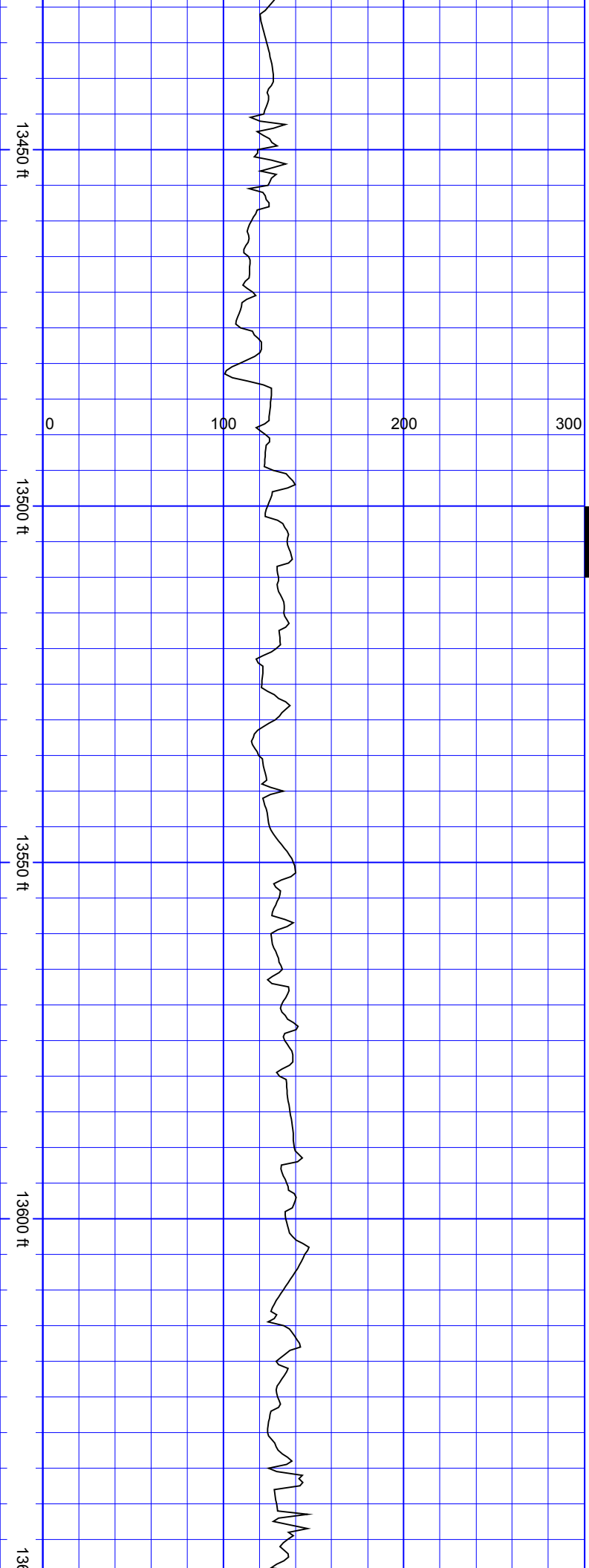
13250 ft

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

13300 ft

13350 ft

13400 ft

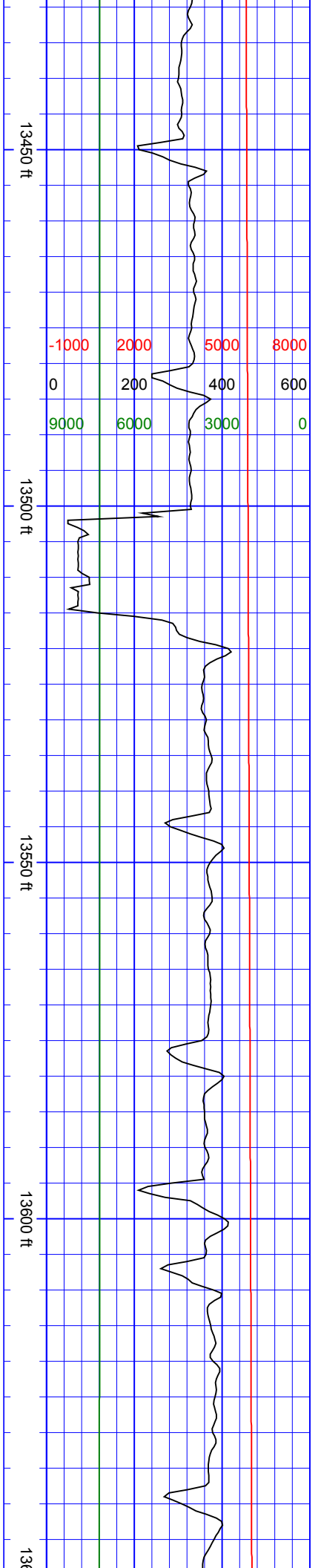


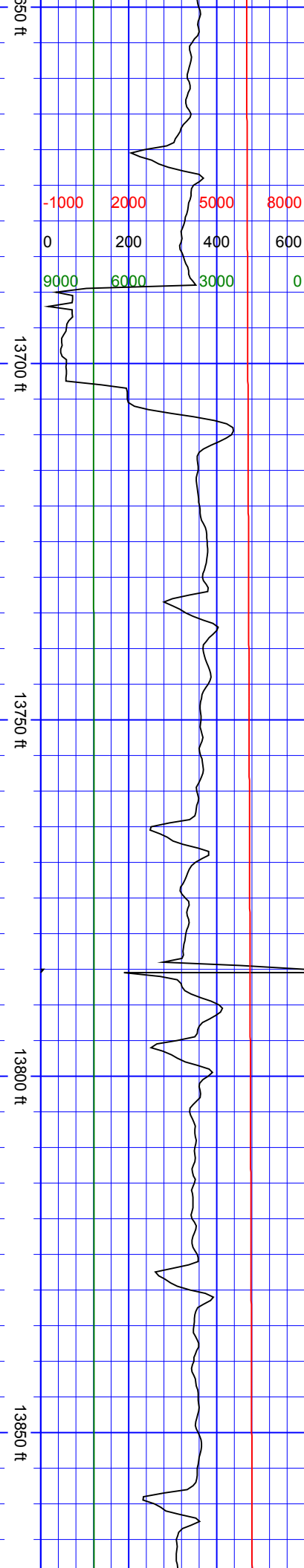
SurveyDepth:13440
TVD:7180.47 Inc:88.42
Azi:359.38
VertSec:5839.32

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SurveyDepth:13535
TVD:7182.44 Inc:89.21
Azi:0.53
VertSec:5923.02

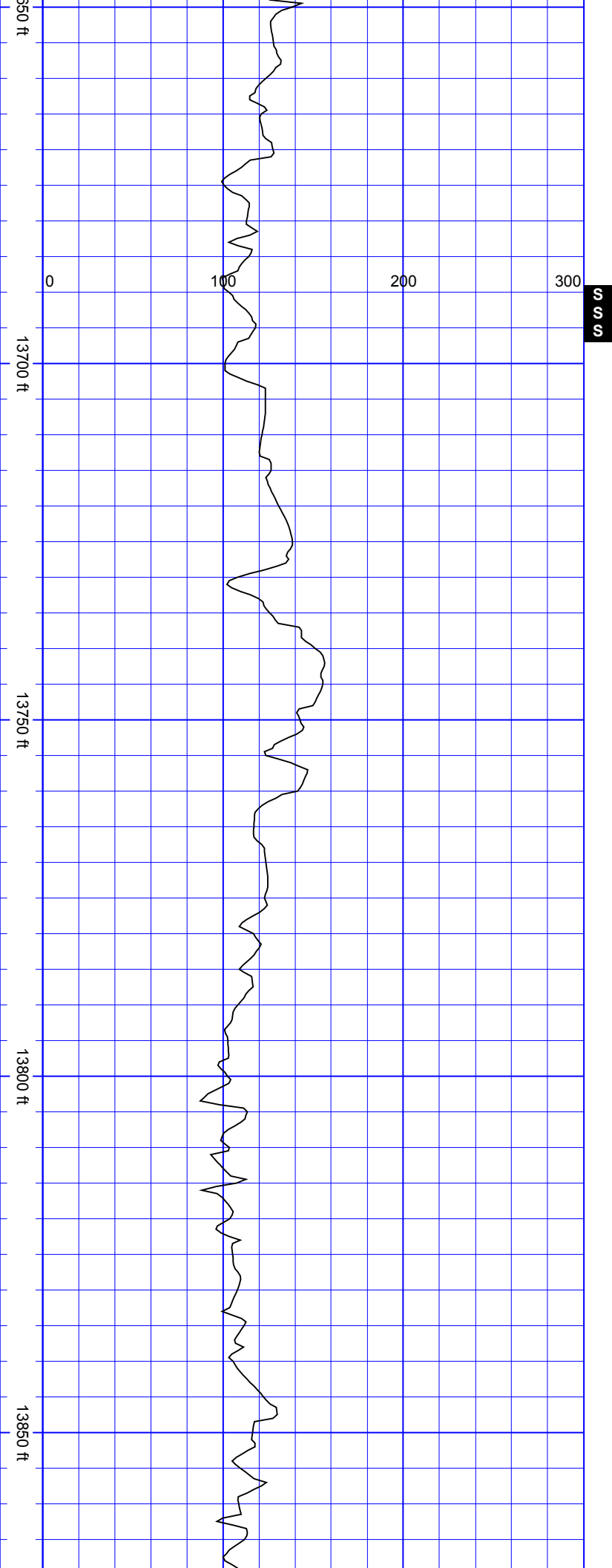
SurveyDepth:13629
TVD:7183.84 Inc:89.08
Azi:0.44
VertSec:6005.43

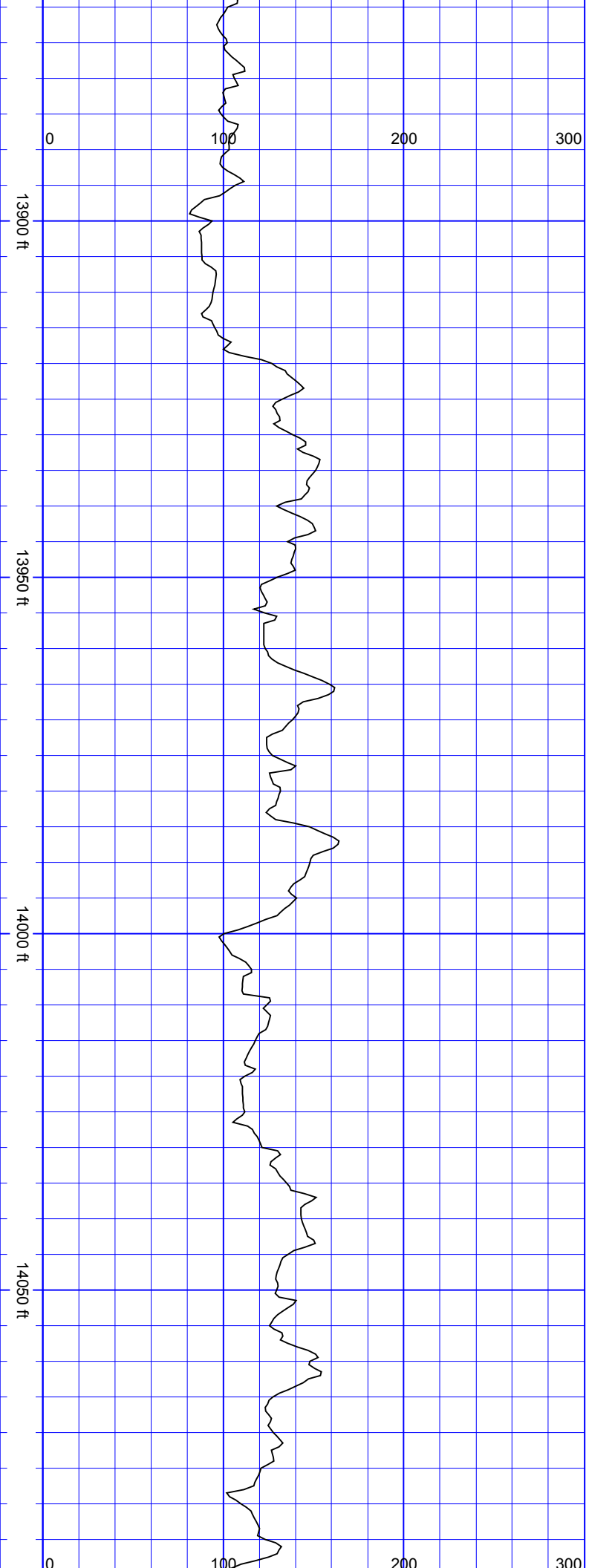




SurveyDepth:13724
TVD:7183.95 Inc:90.79
Azi:0.09 VertSec:6088.9

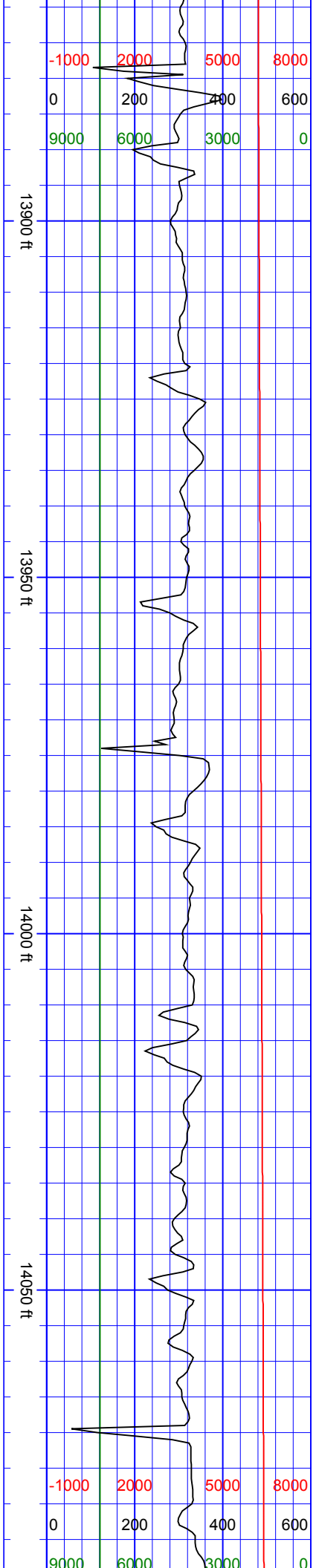
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TVD:7182.5 Inc:90.97
Azi:0.09
VertSec:6171.63

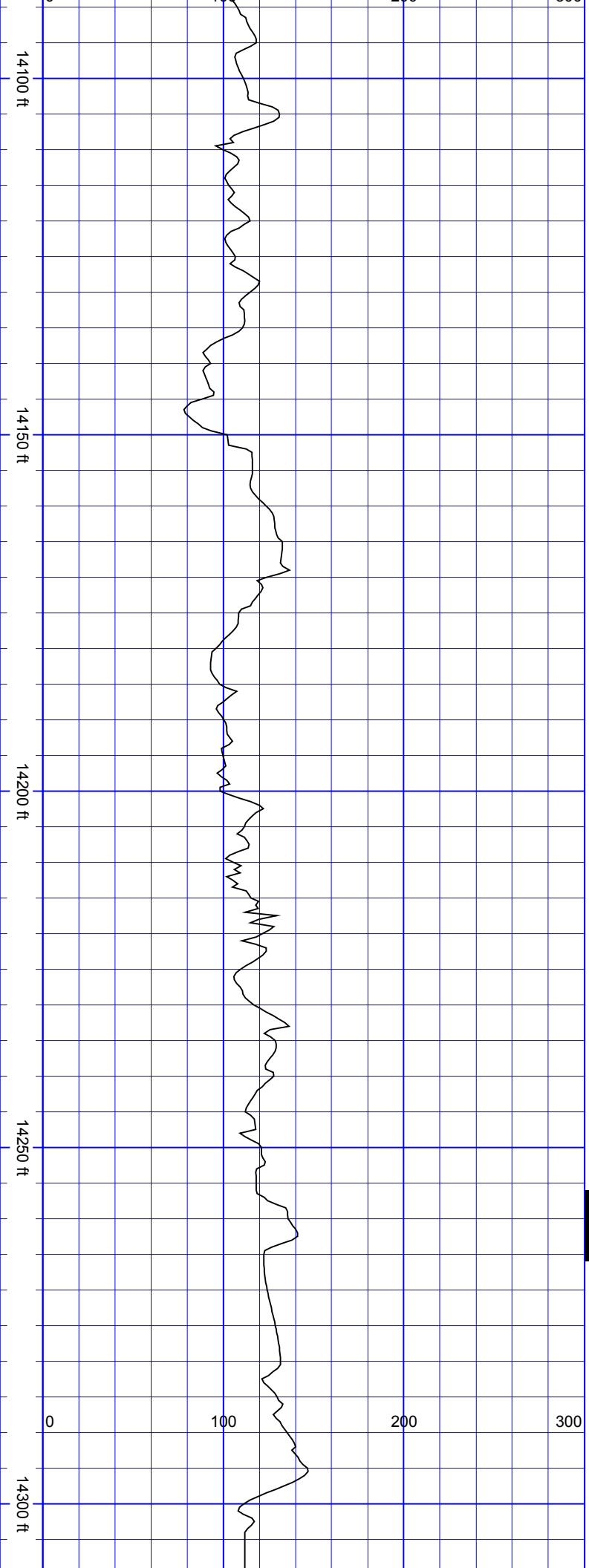




SurveyDepth:13912
TVD:7180.7 Inc:91.23
Azi:359.65
VertSec:6254.52

SurveyDepth:14007
TVD:7179.21 Inc:90.57
Azi:359.38
VertSec:6338.57



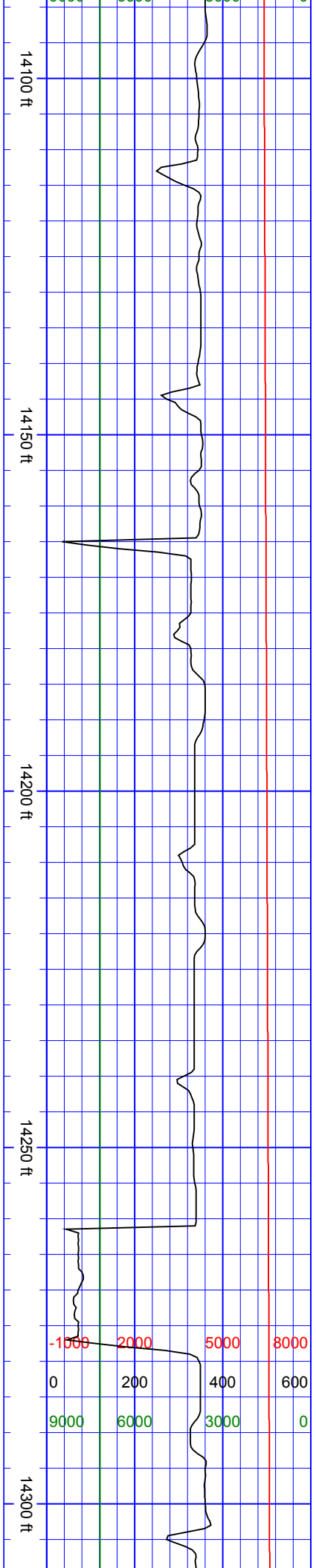


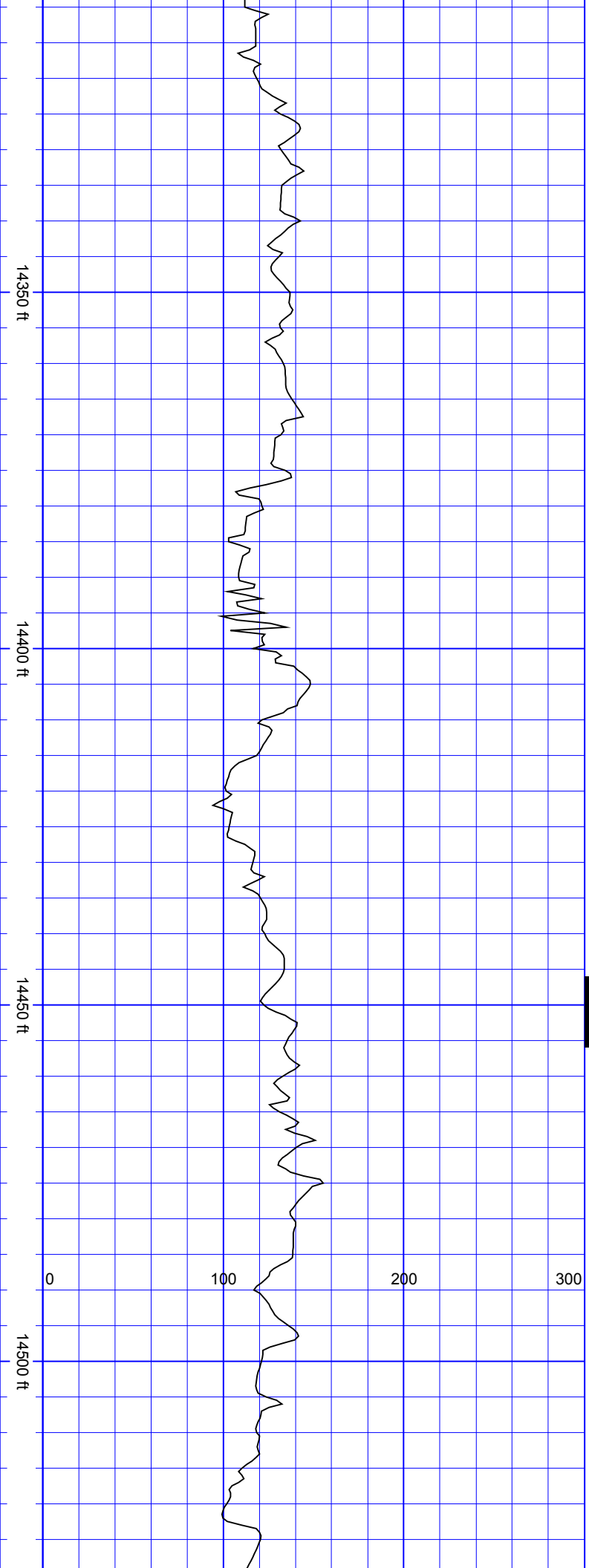
SurveyDepth:14102
TVD:7178.37 Inc:90.44
Azi:358.77
VertSec:6422.96

SurveyDepth:14196
TVD:7177.57 Inc:90.53
Azi:358.42
VertSec:6506.83

SurveyDepth:14291
TVD:7177.28 Inc:89.82
Azi:359.12
VertSec:6591.46

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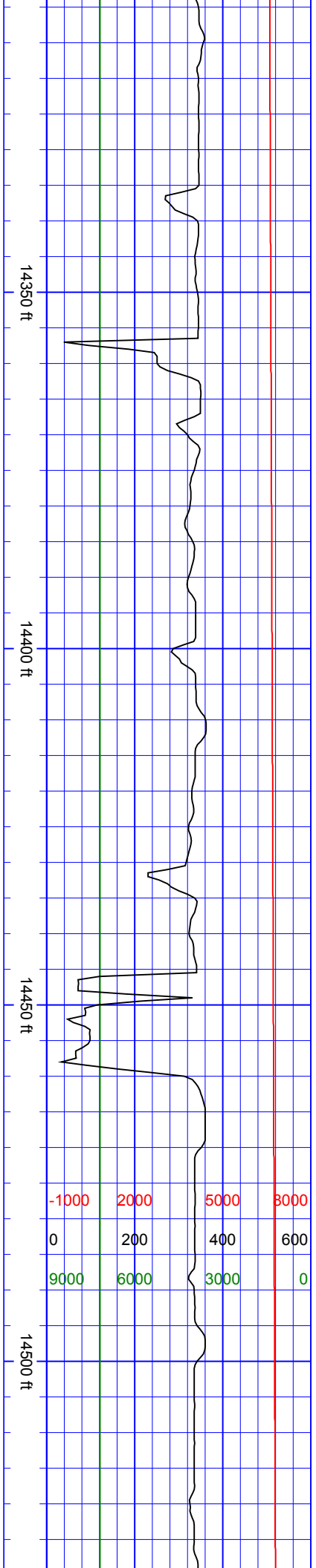


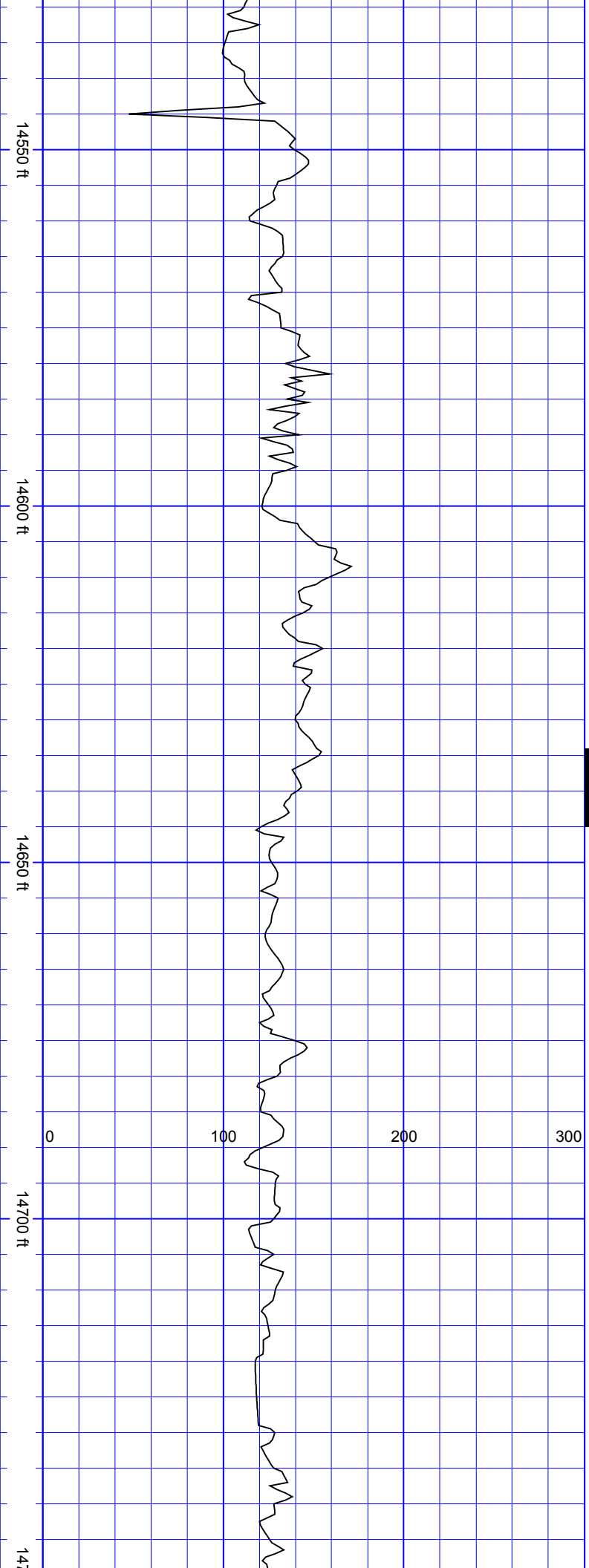


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SurveyDepth:14386
TVD:7177.72 Inc:89.65
Azi:358.86
VertSec:6675.92

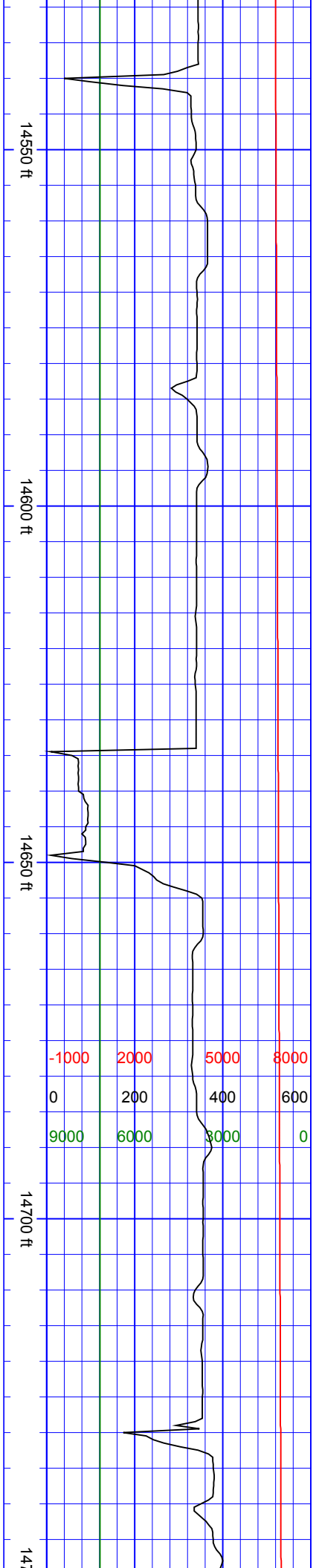
SurveyDepth:14479
TVD:7178.15 Inc:89.82
Azi:0.17
VertSec:6758.21

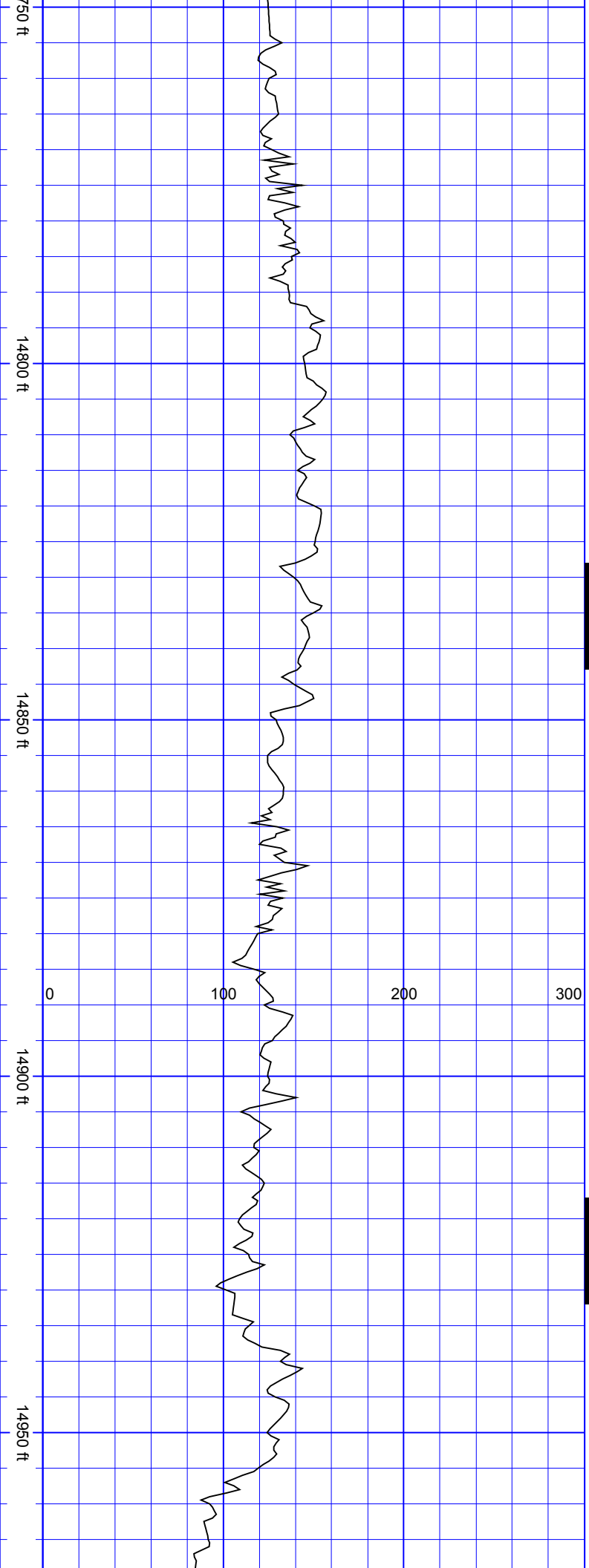




SurveyDepth:14574
TVD:7177.94 Inc:90.44
Azi:359.74
VertSec:6841.93

SurveyDepth:14668
TVD:7177.04 Inc:90.66
Azi:0.88
VertSec:6924.49

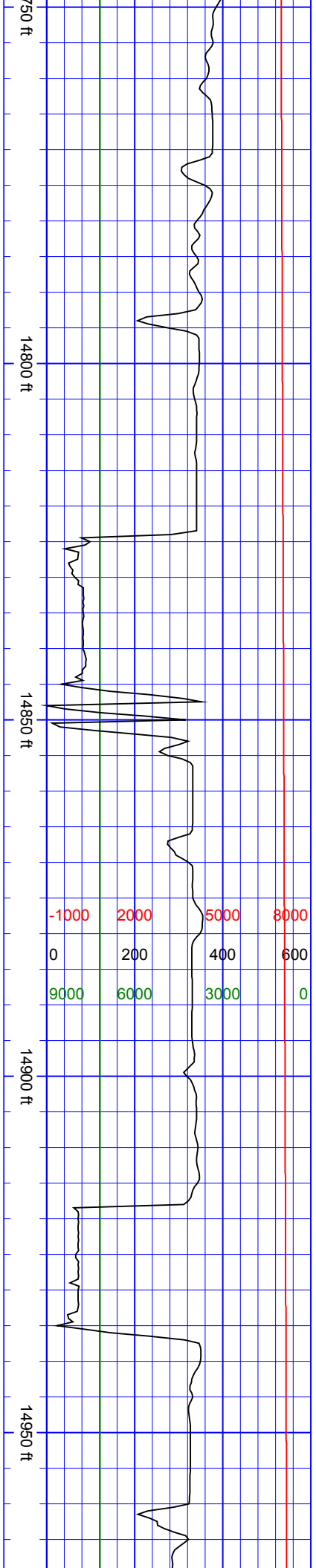


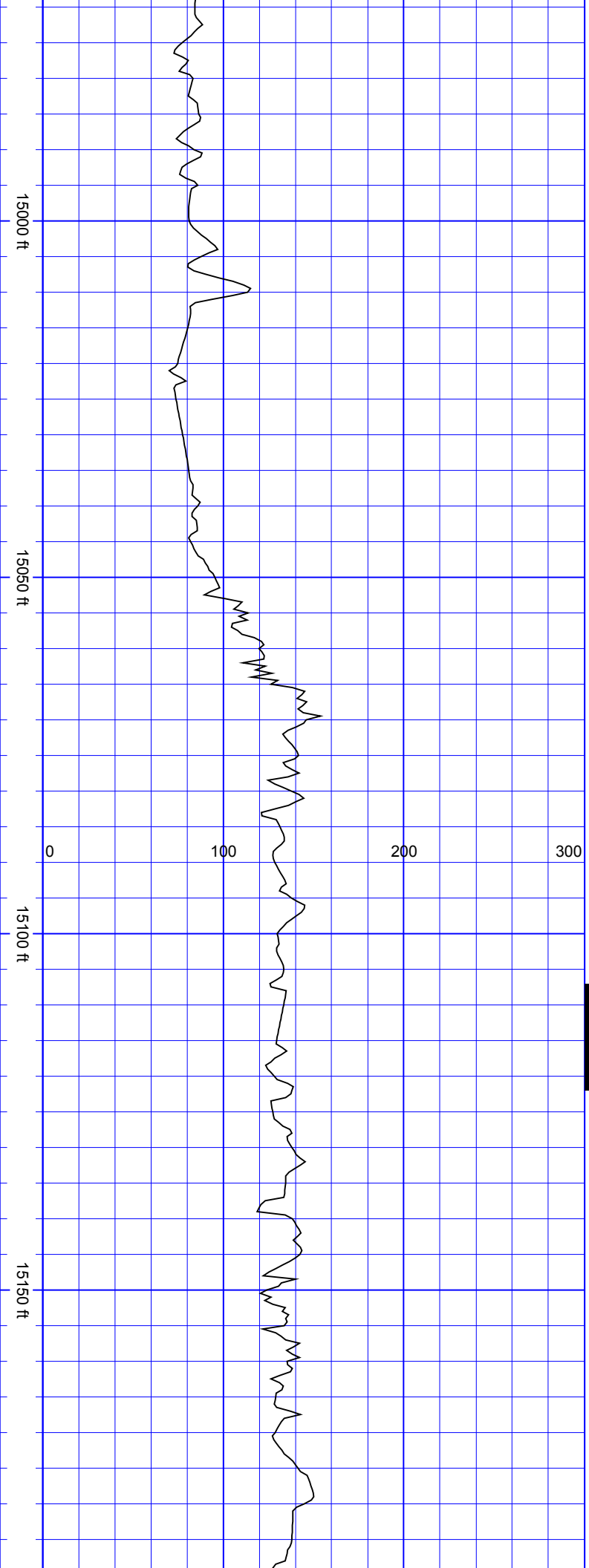


SurveyDepth:14763
TVD:7176.02 Inc:90.57
Azi:359.03
VertSec:7008.2

SurveyDepth:14857
TVD:7173.67 Inc:92.29
Azi:0.53
VertSec:7091.14

SurveyDepth:14952
TVD:7170.64 Inc:91.36
Azi:1.93 VertSec:7173.8

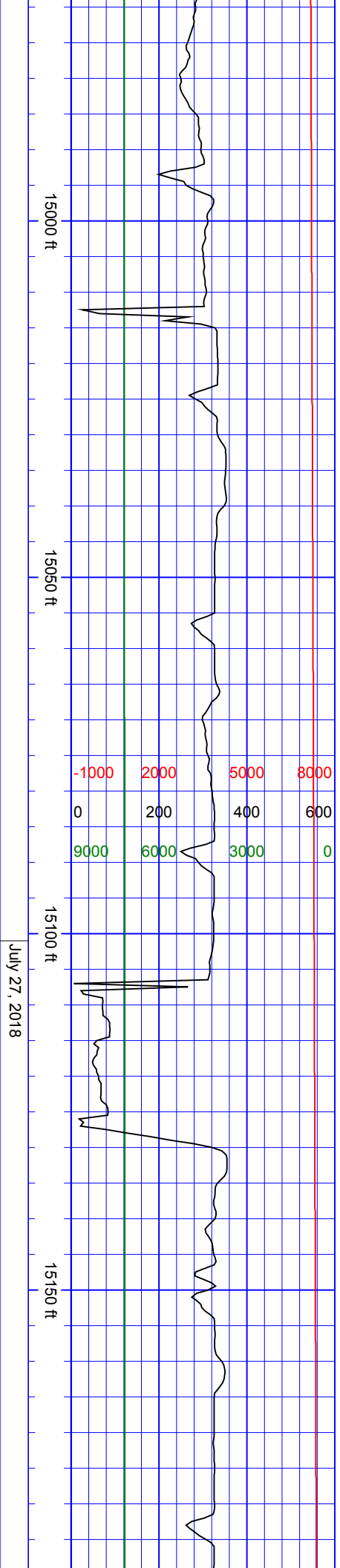


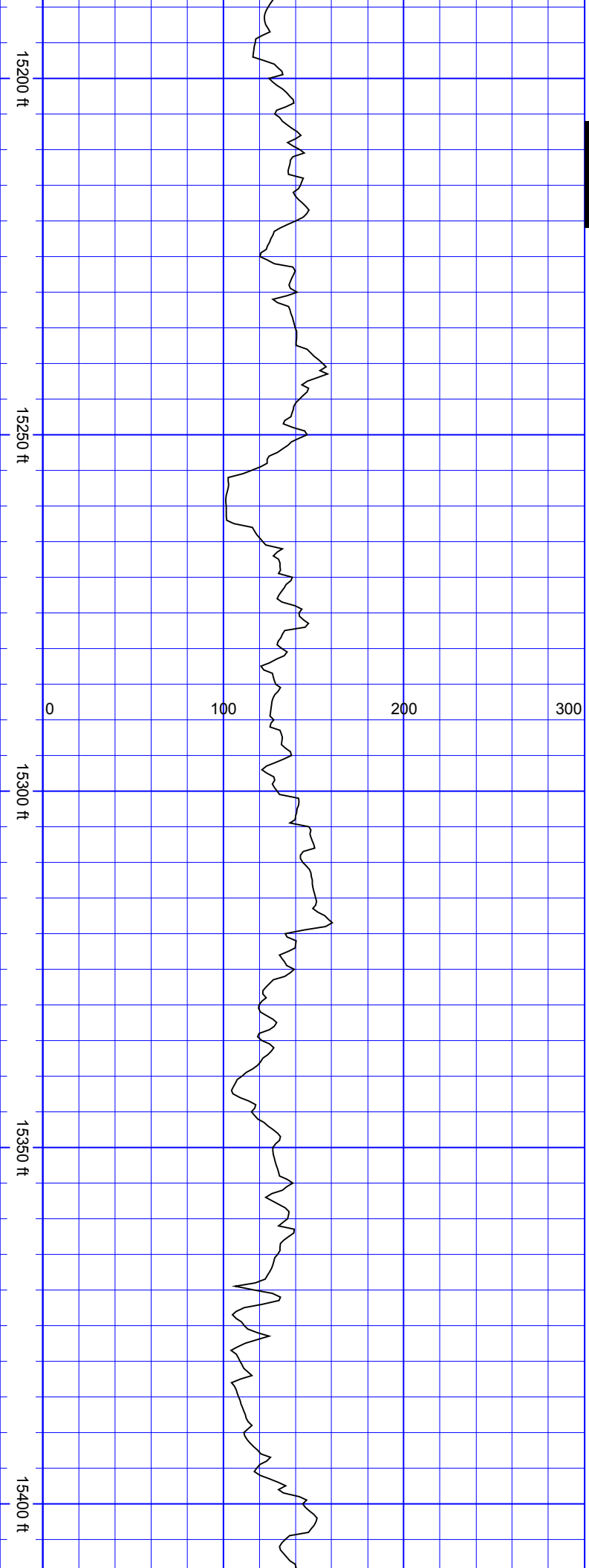


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SurveyDepth:15047
TVD:7168.03 Inc:91.8
Azi:1.58
VertSec:7256.04

SurveyDepth:15141
TVD:7166.11 Inc:90.53
Azi:2.28
VertSec:7337.27





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SurveyDepth:15235
TVD:7166.48 Inc:89.03
Azi:1.58
VertSec:7418.53

SurveyDepth:15330
TVD:7168.41 Inc:88.64
Azi:1.41 VertSec:7501

