XBOLT GAMMA RAY
5in/100ft Measured Depth
Final Print
Recorded Mode

Company:	Verdad Resources LLC.
Well:	Fawn 2833-01H
Field Name:	Wattenberg
Country Name:	United States
State Name:	Colorado
County Name:	Weld
Latitude:	40°01'49.172"N
Longitude:	104°39'05.748"W
Spud Date:	28-Feb-2023
Log Interval:	2444.00--19147.00(ft)
Depth Source:	Driller's Depth
Log Measured From:	Drill Floor
Rig Floor above Ground Level:	21.00(ft)
Ground Level above Mean Sea Level:	5104.00 (ft)
API Number:	05-123-51845
Rig Name:	PD 464
Rig Type:	Land rig
Job Number:	O.1038718.23
Print Type:	Final Print
Northing:	1255030.14(ft)
Easting:	3237573.91(ft)
Coordinate System:	NAD83 Colorado State Plane, Northern Zone, US Feet

Disclaimer

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Operational Run Summary

Notes

Run 1 (Bit Size: 8.5 in)

DateTime Log Started	28-Feb-2023 22:08:18	DateTime Log Finished	03-Mar-2023 19:00:25
Start Depth (ft)	2472	Stop Depth (ft)	16195
Mud Type	Oil Based Mud	Mud Density (lbm/gal)	9.5
Potassium (%)	0	Barite	Yes
GR Sensor Offset (ft)	24.42	Calibration Coefficient	0
DNI Sensor Offset (ft)	28.06		

Run 2 (Bit Size: 8.5 in)

DateTime Log Started	04-Mar-2023 02:21:51	DateTime Log Finished	04-Mar-2023 20:24:47
Start Depth (ft)	16195	Stop Depth (ft)	16536
Mud Type	Oil Based Mud	Mud Density (lbm/gal)	9.5
Potassium (%)	0	Barite	Yes
GR Sensor Offset (ft)	24.9	Calibration Coefficient	0

DNI Sensor Offset (ft)	28.54		

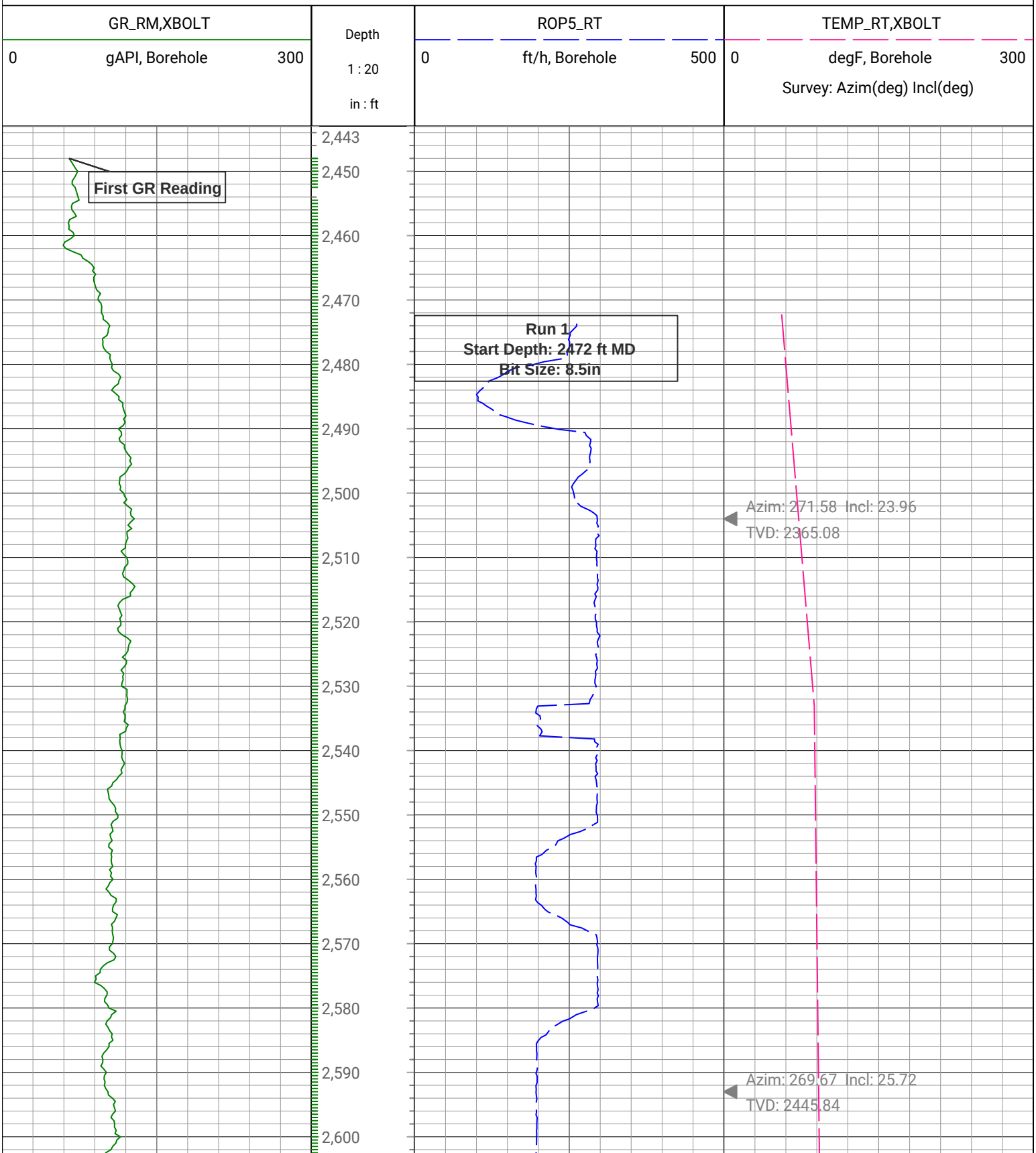
Run 3 (Bit Size: 8.5 in)

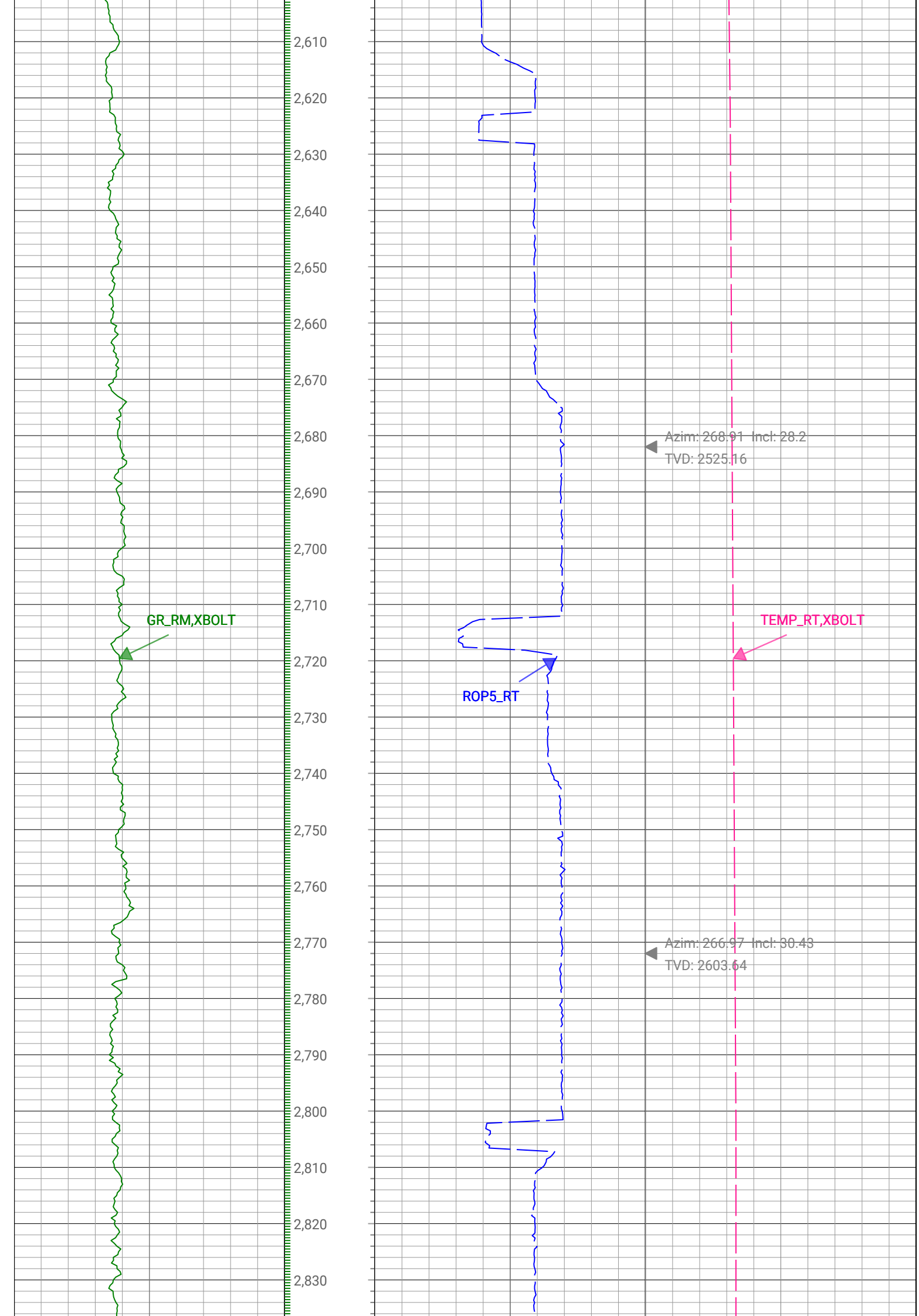
DateTime Log Started	05-Mar-2023 02:00:10	DateTime Log Finished	07-Mar-2023 16:34:43
Start Depth (ft)	16536	Stop Depth (ft)	19147
Mud Type	Oil Based Mud	Mud Density (lbm/gal)	9.5
Potassium (%)	0	Barite	Yes
GR Sensor Offset (ft)	24.91	Calibration Coefficient	0
DNI Sensor Offset (ft)	28.55		

Log

Description: XBOLT GAMMA RAY Format: XBOLT_GR_DNI_VERDAD Index Scale: 5in/100ft Index Unit: ft Index Type: Measured Depth

Creation Date: 09-Mar-2023

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2,760
2,770
2,780
2,790
2,800
2,810
2,820
2,830
GR_RM,XBOLT
ROP5_RT
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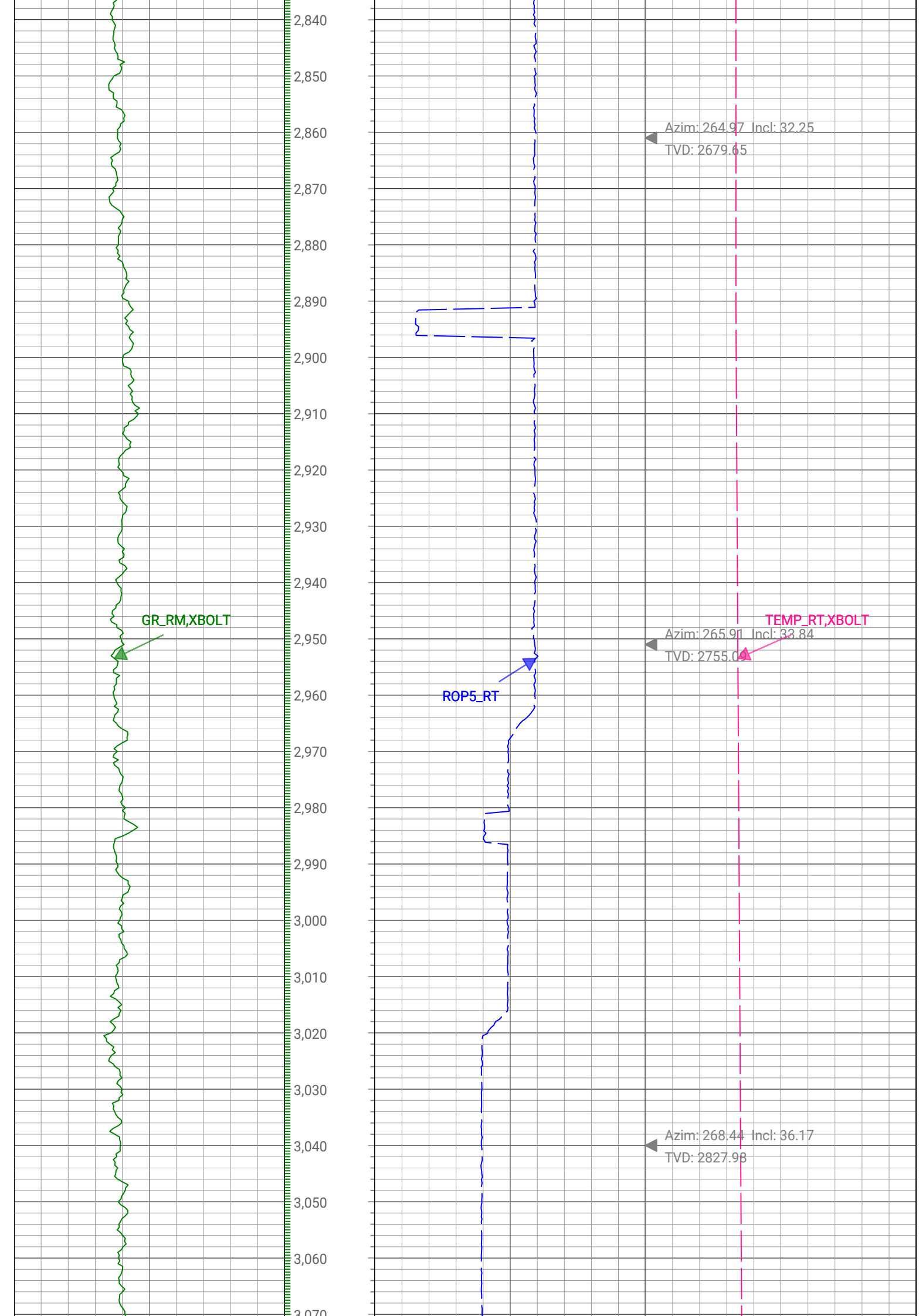
TVD: 2525.16
Azim: 266.97 Incl: 30.43
TVD: 2603.64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2,980
2,990
3,000
3,010
3,020
3,030
3,040
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3,060
3,070
GR_RM,XBOLT
ROP5_RT
TEMP_RT,XBOLT
Azim: 264.97 Incl: 32.25
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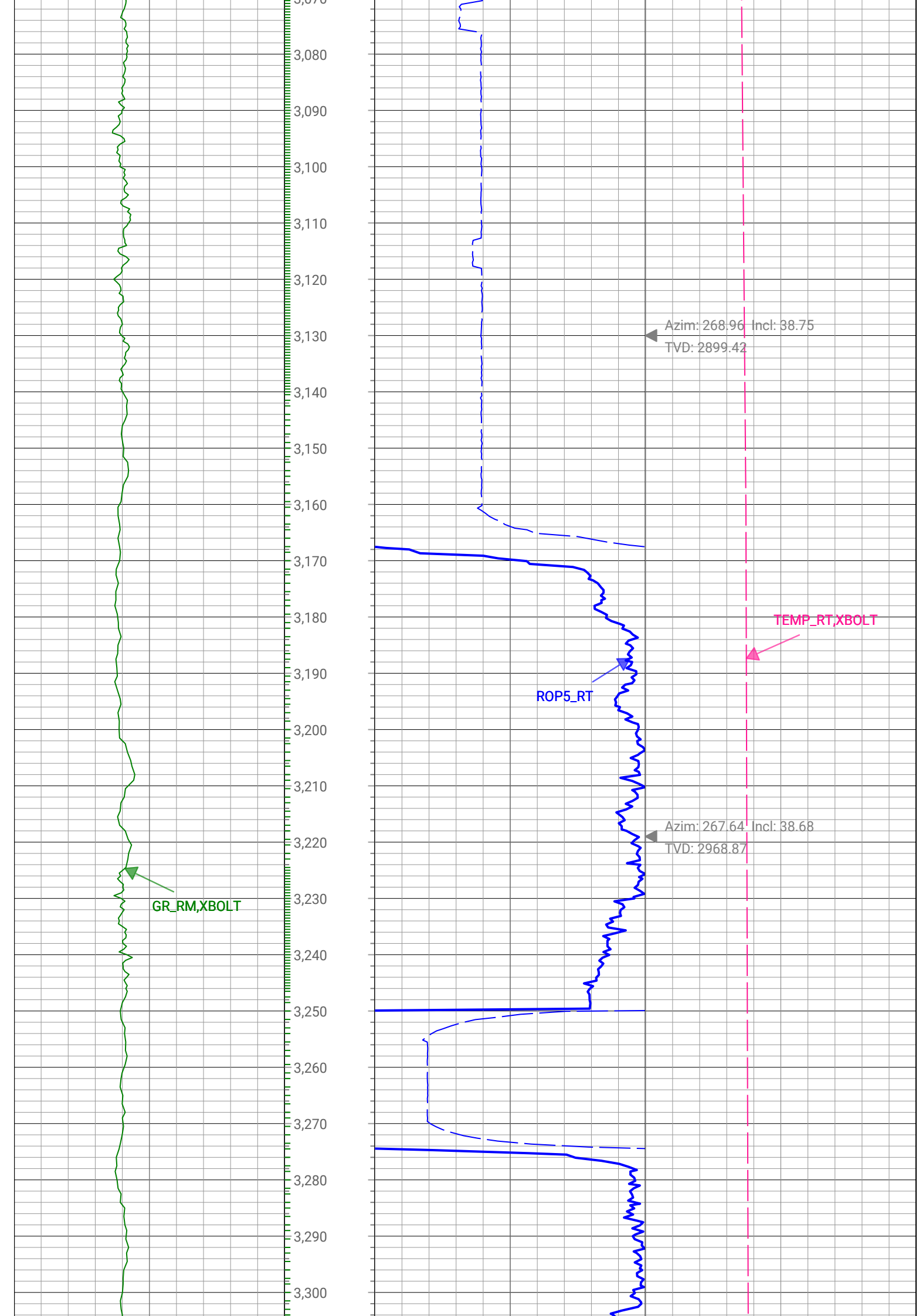
Azim: 265.91 Incl: 33.84
TVD: 2755.04
Azim: 268.44 Incl: 36.17
TVD: 2827.98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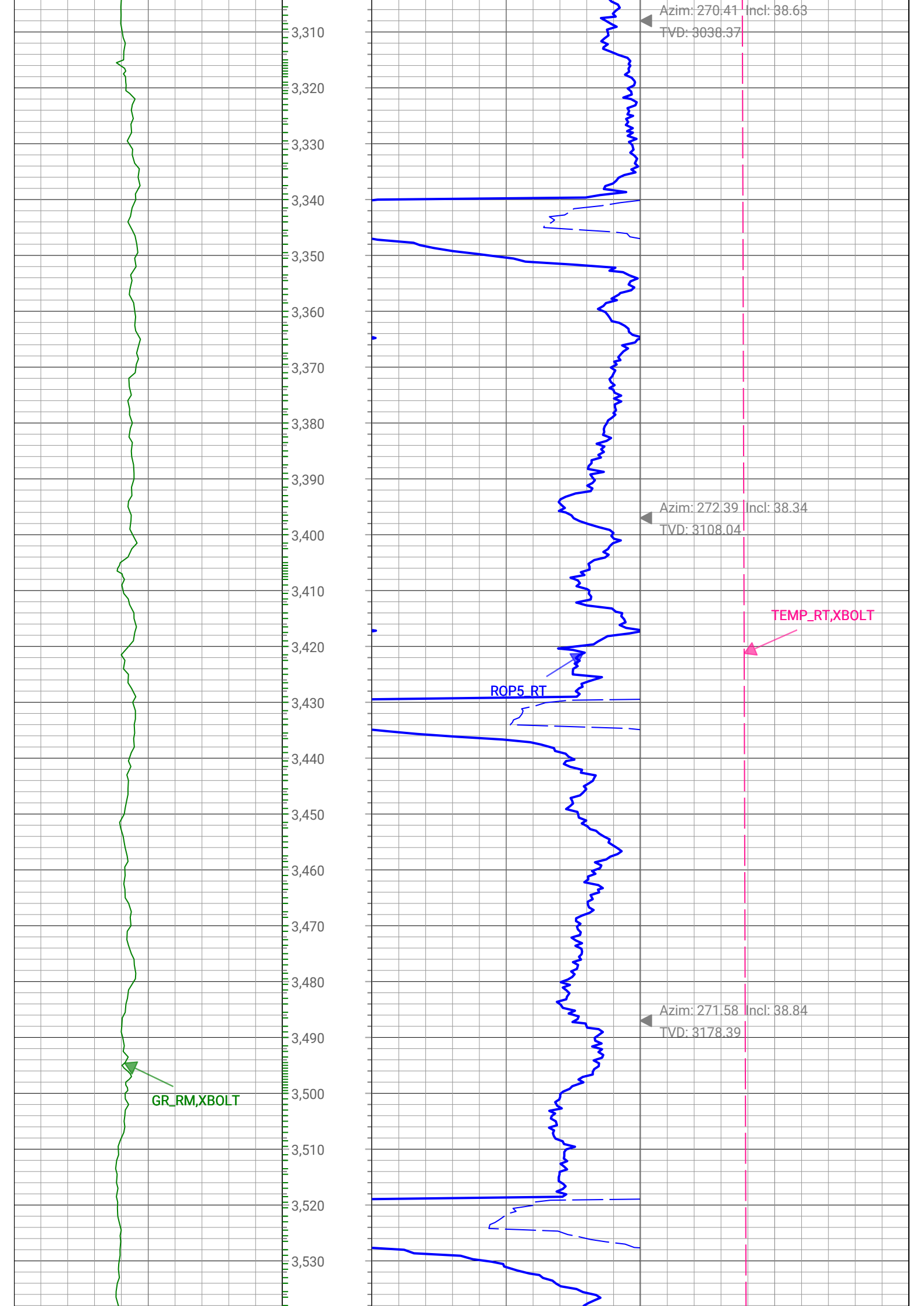
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TVD: 3038.37
Azim: 272.39 Incl: 38.34
TVD: 3108.04
Azim: 271.58 Incl: 38.84
TVD: 3178.39
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ROP5_RT
GR_RM,XBOLT
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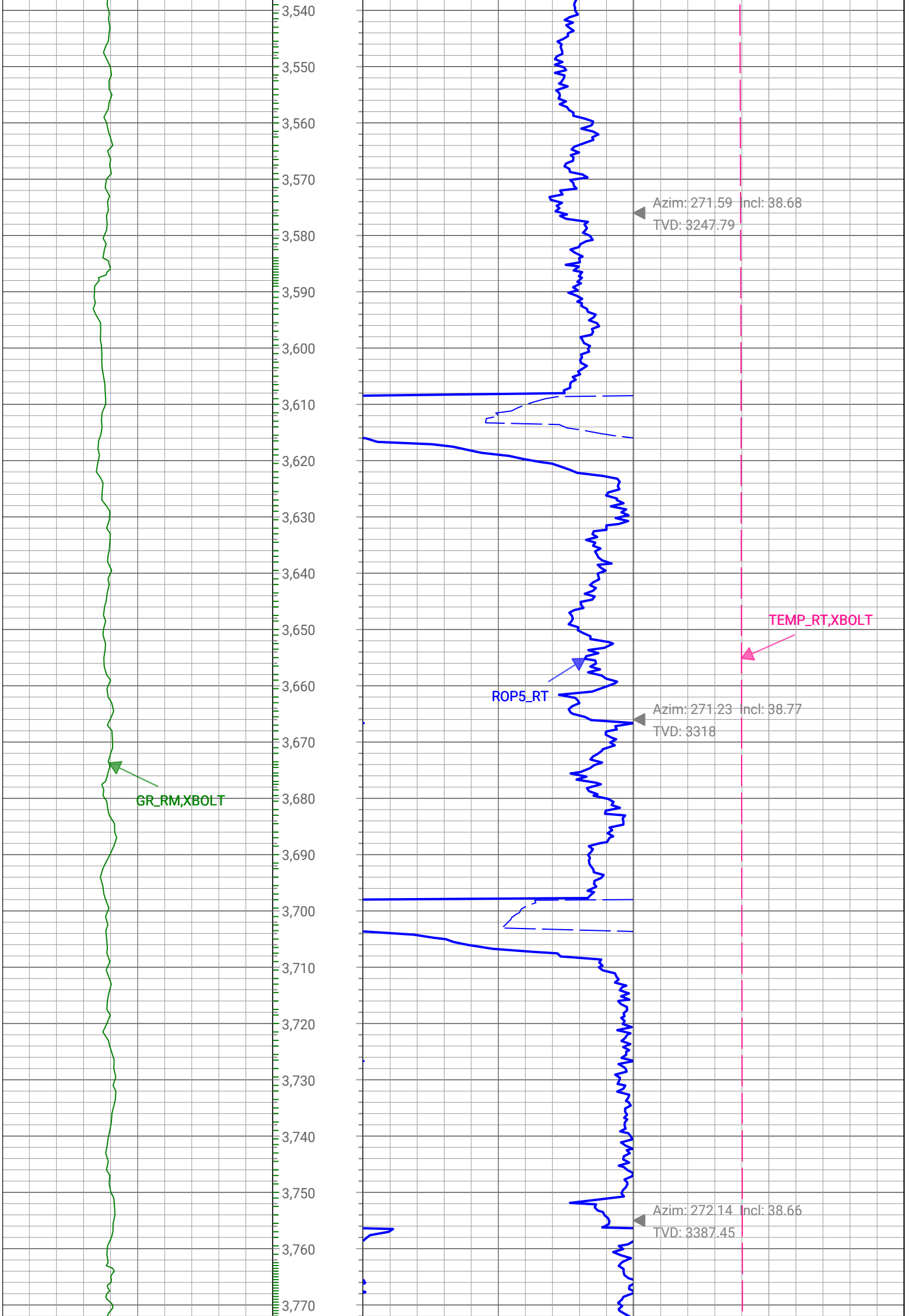
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3,750
3,760
3,770
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TVD: 3247.79
TEMP_RT,XBOLT
ROP5_RT
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GR_RM,XBOLT
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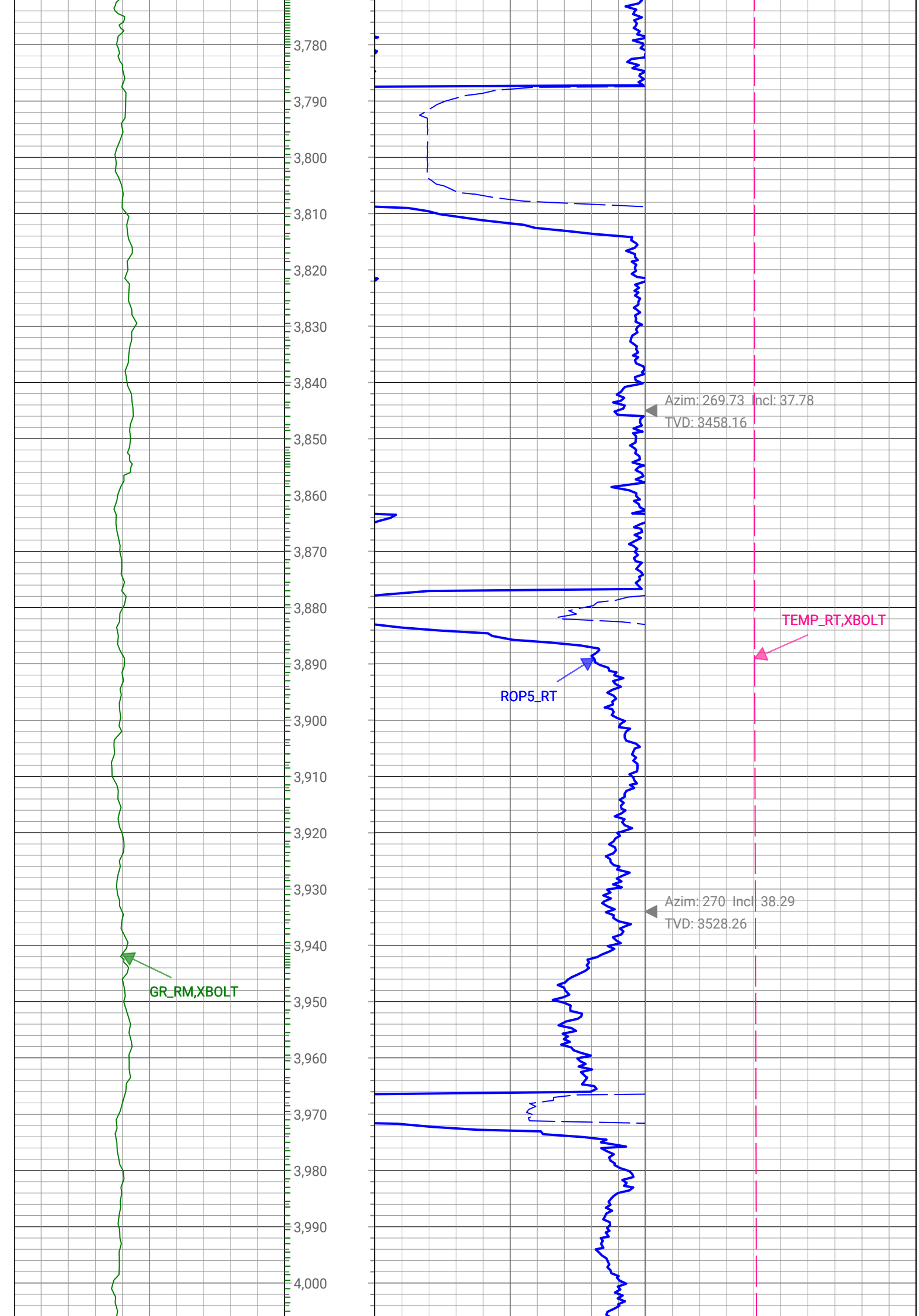
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3,940
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3,960
3,970
3,980
3,990
4,000
Azim: 269.73 Incl: 37.78
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ROP5_RT
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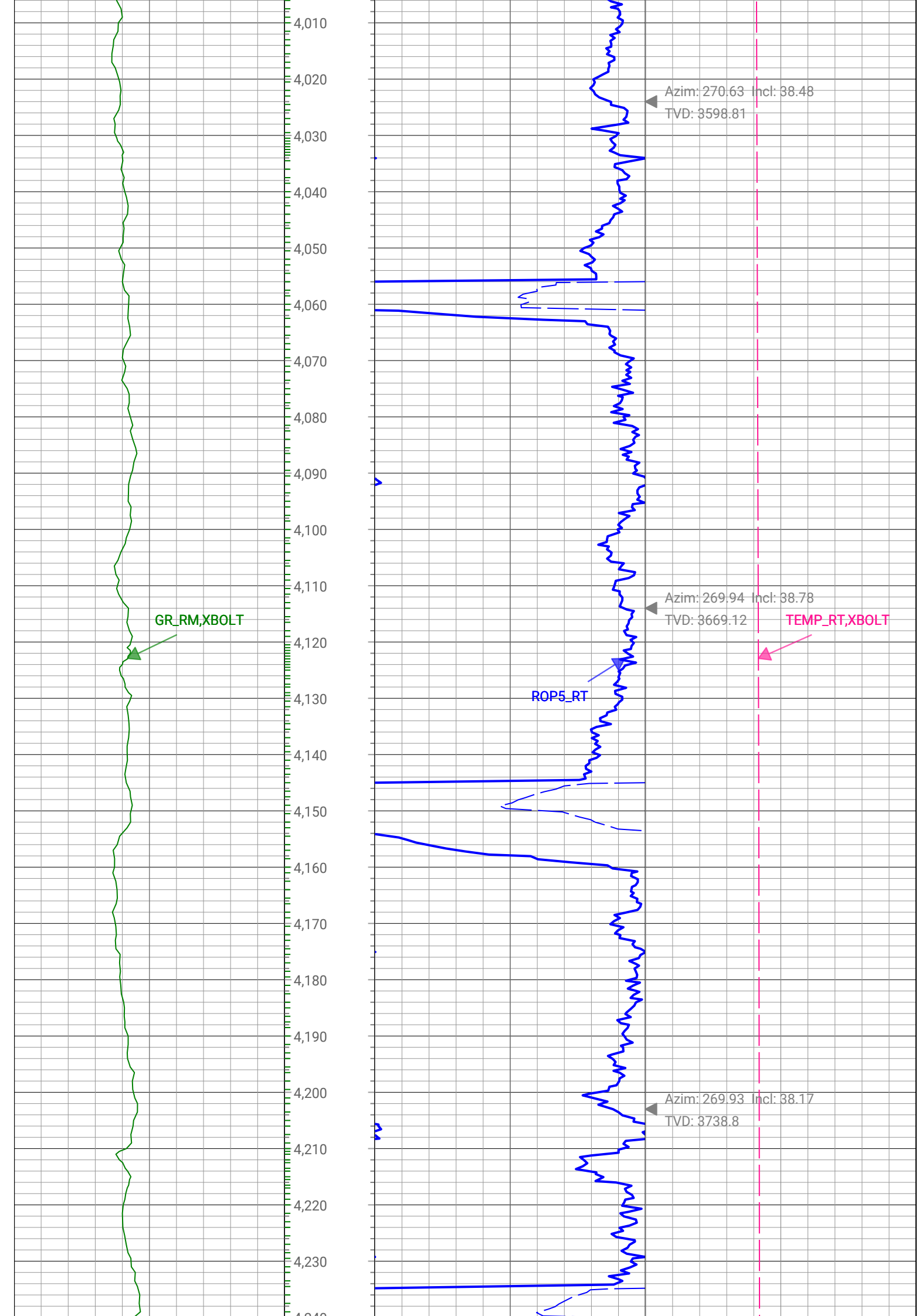
GR_RM,XBOLT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4,170
4,180
4,190
4,200
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4,220
4,230
Azim: 270.63 Incl: 38.48
TVD: 3598.81
Azim: 269.94 Incl: 38.78
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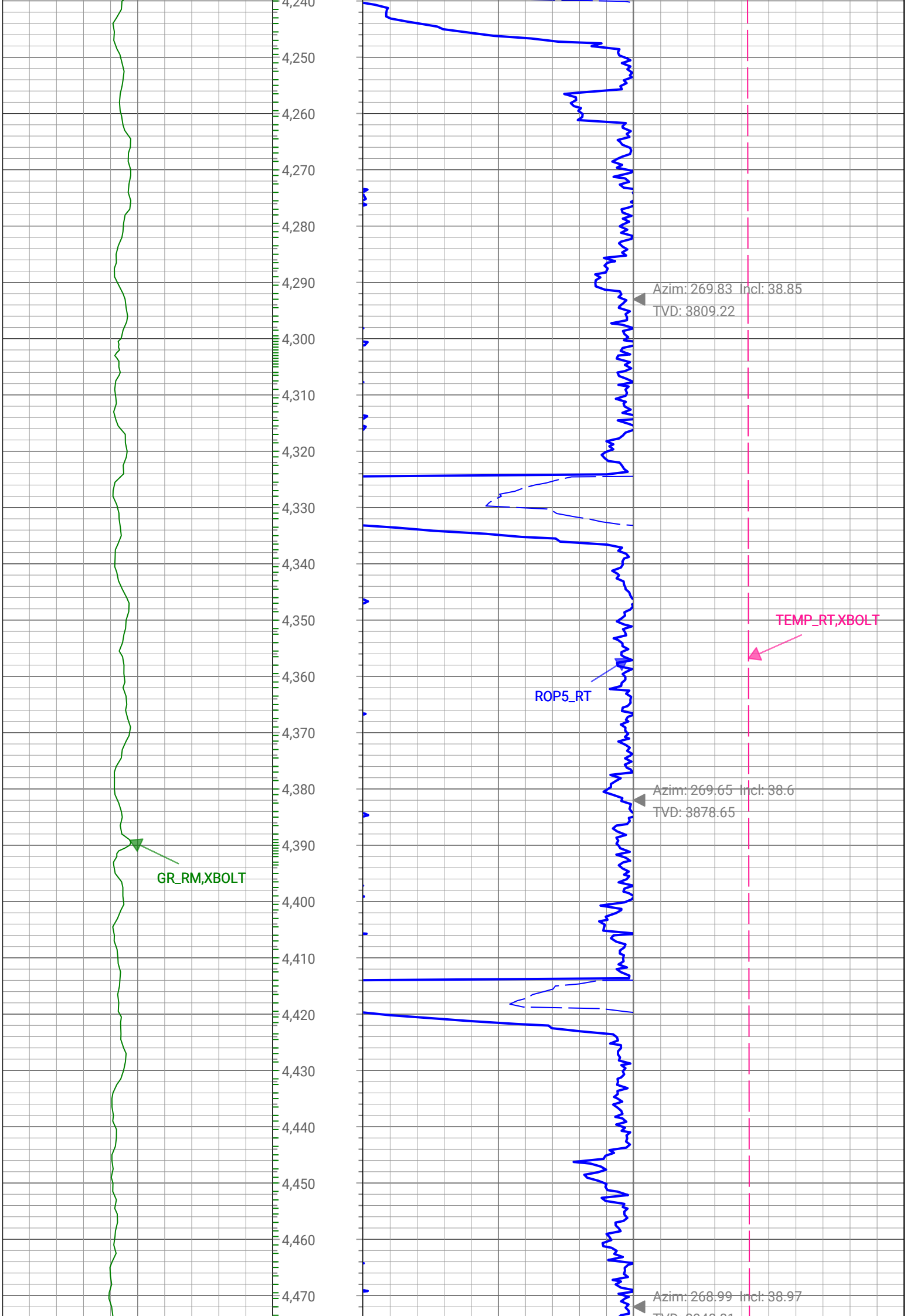
ROP5_RT
TEMP_RT,XBOLT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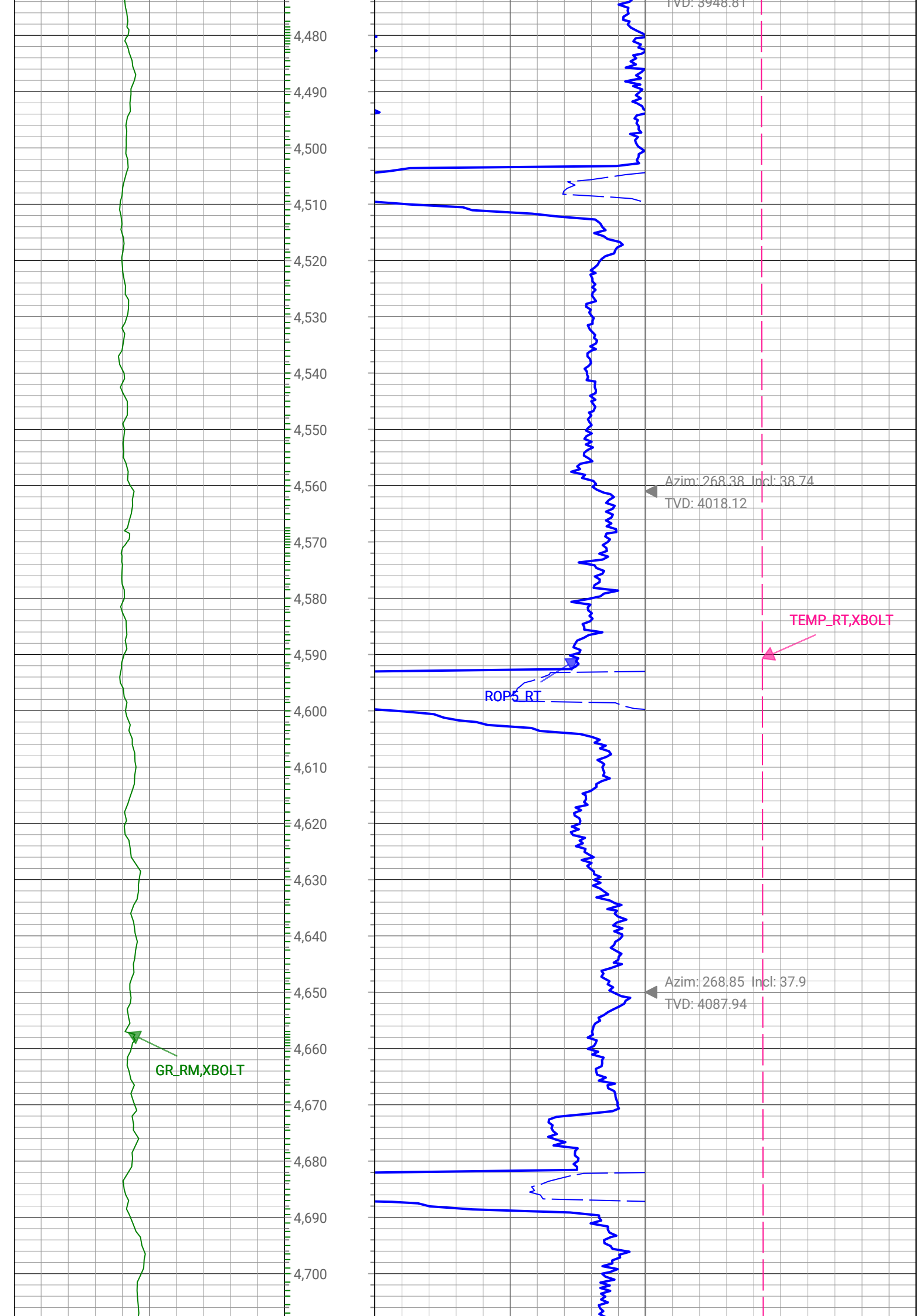
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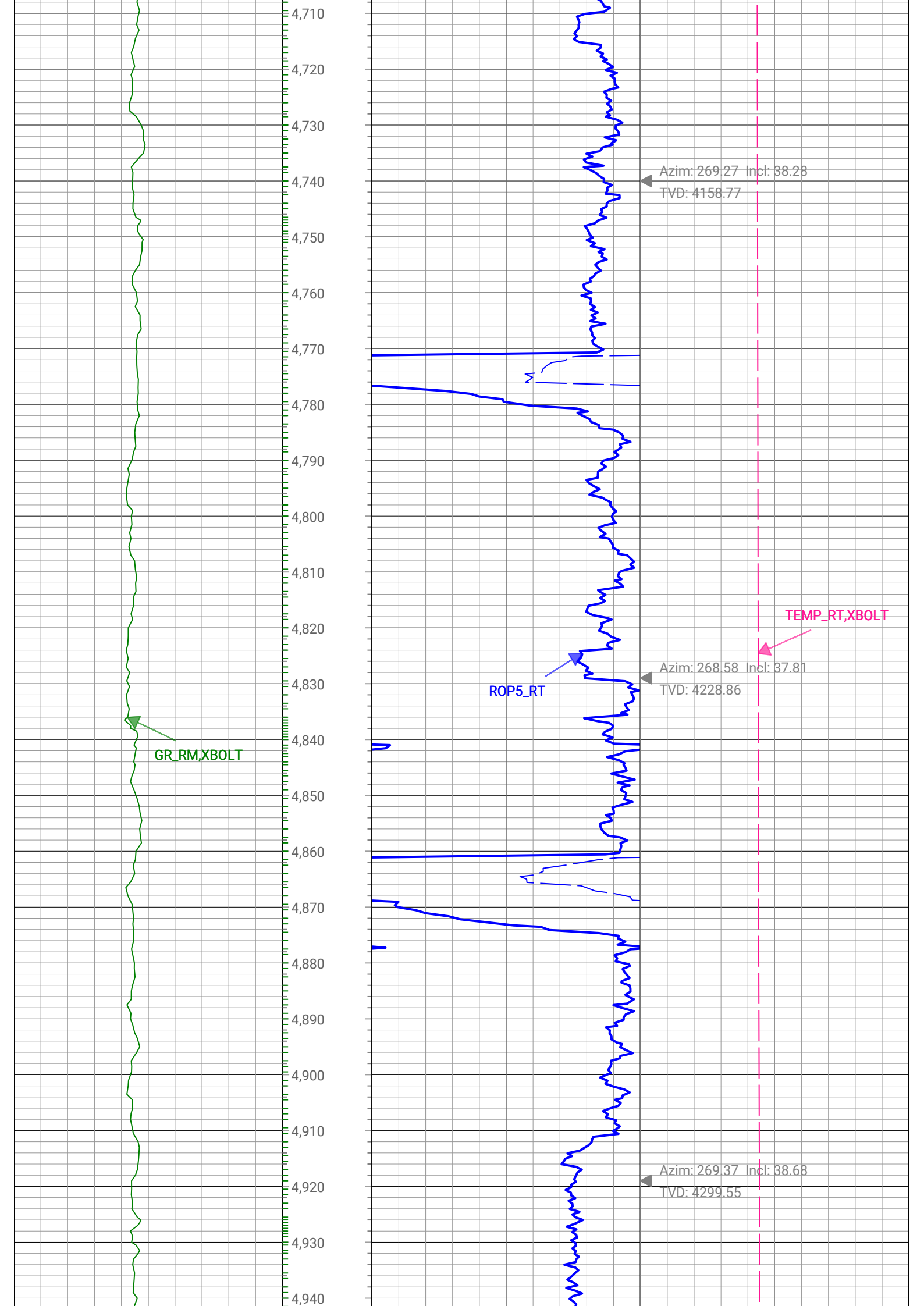
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4,920
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Azim: 269.27 Incl: 38.28
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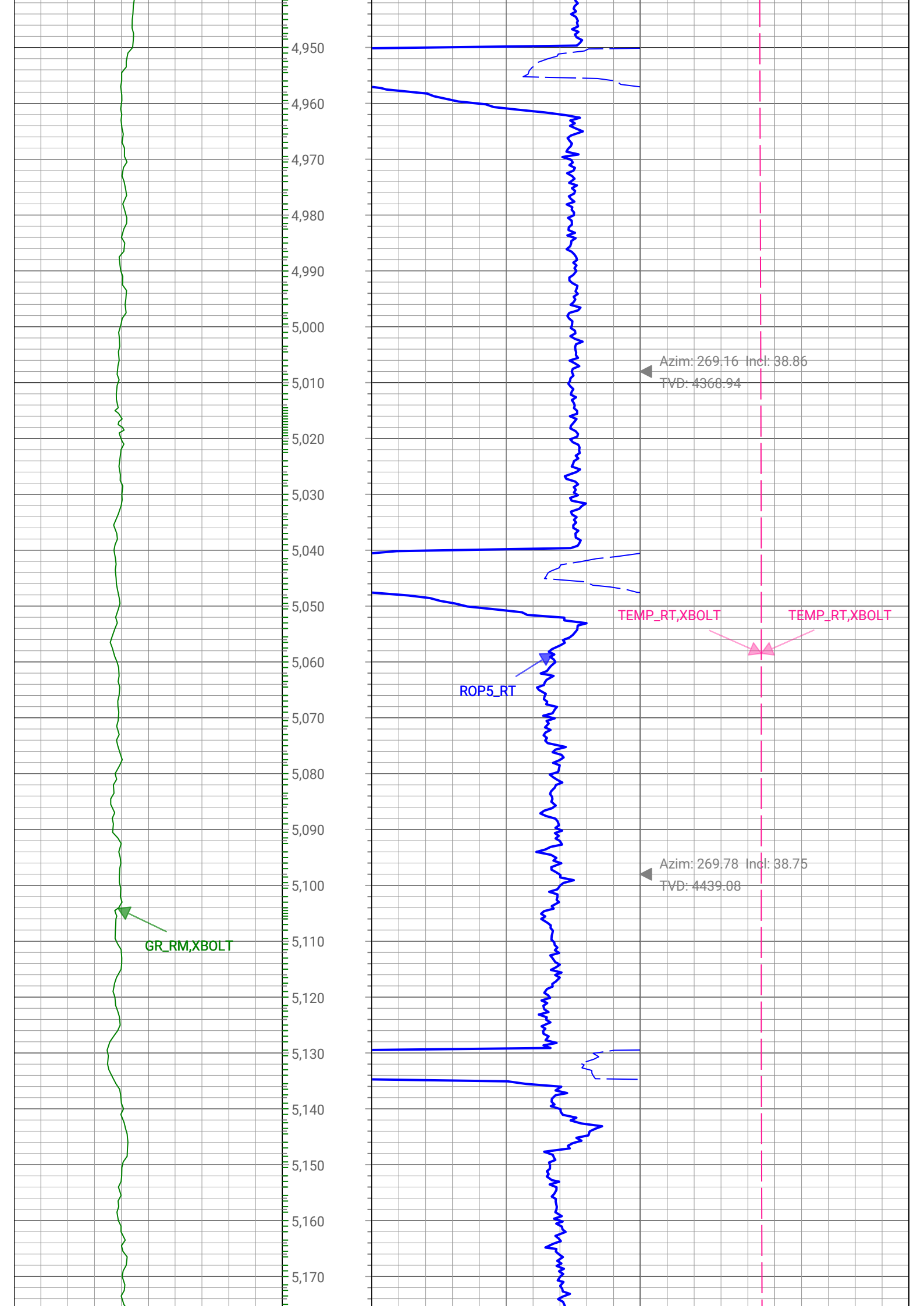
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TVD: 4368.94
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TEMP_RT,XBOLT
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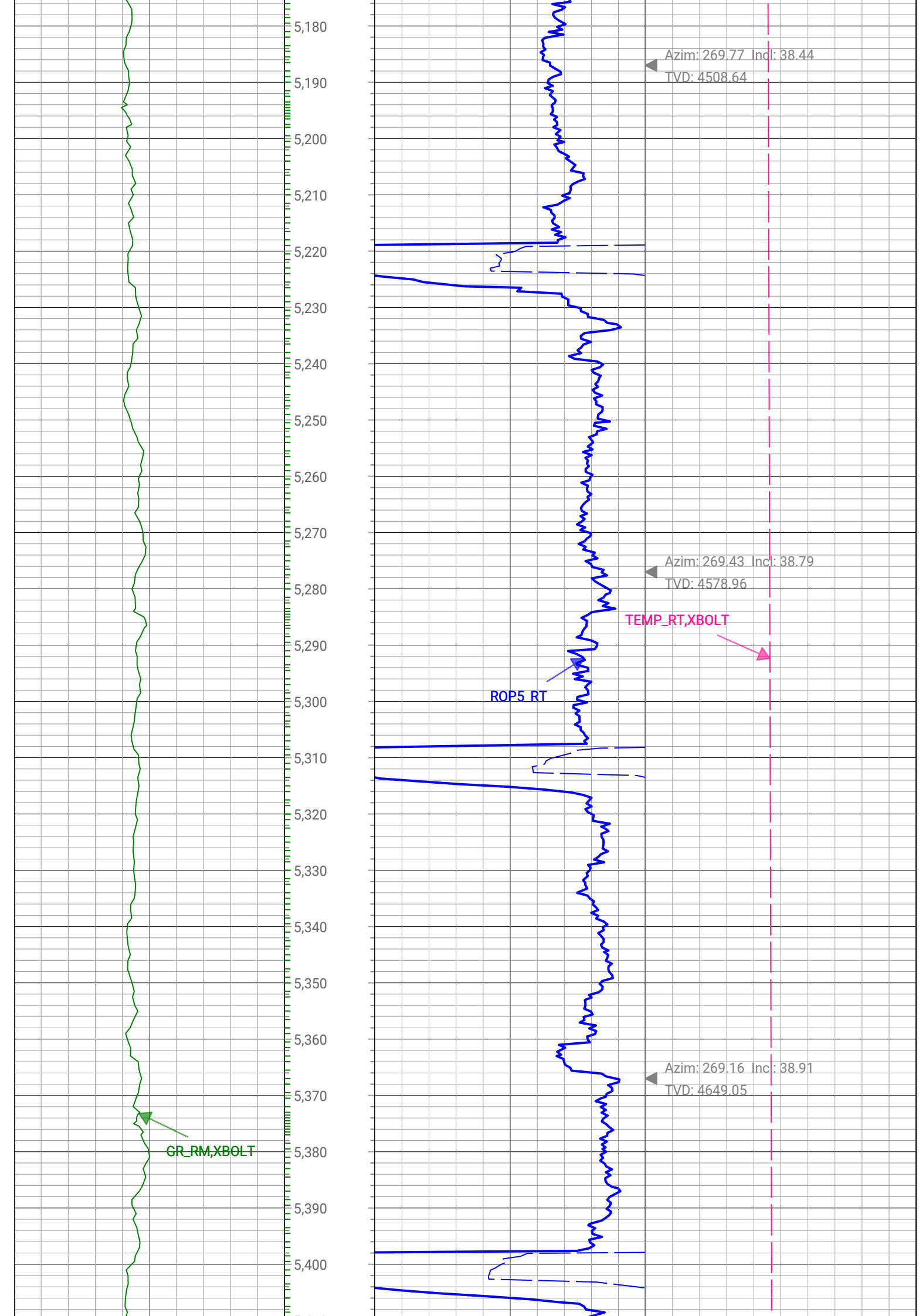
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Azim: 269.77 Incl: 38.44
TVD: 4508.64
Azim: 269.43 Incl: 38.79
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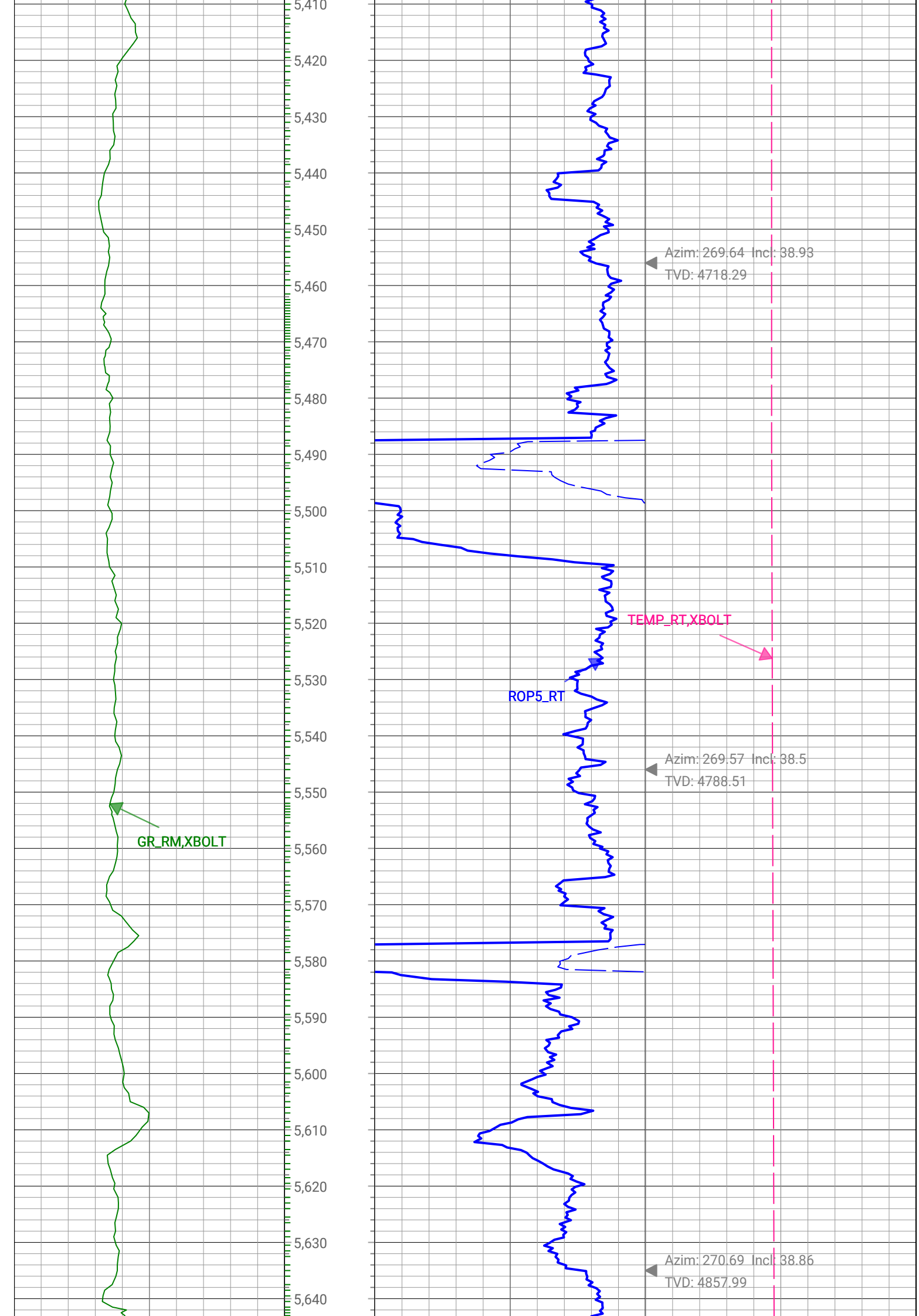
GR_RM,XBOLT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Azim: 269.64 Incl: 38.93
TVD: 4718.29
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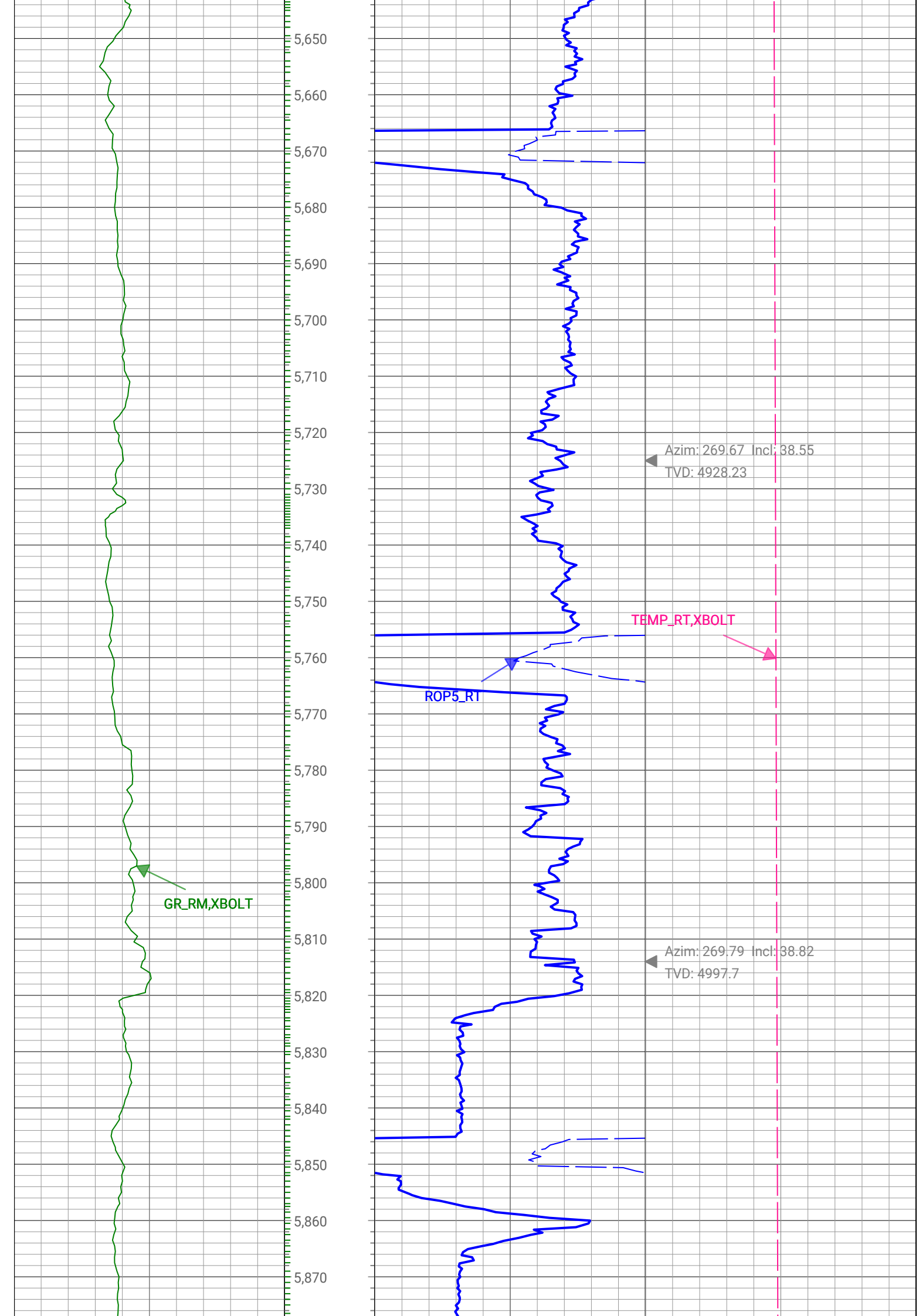
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Azim: 269.67 Incl: 38.55
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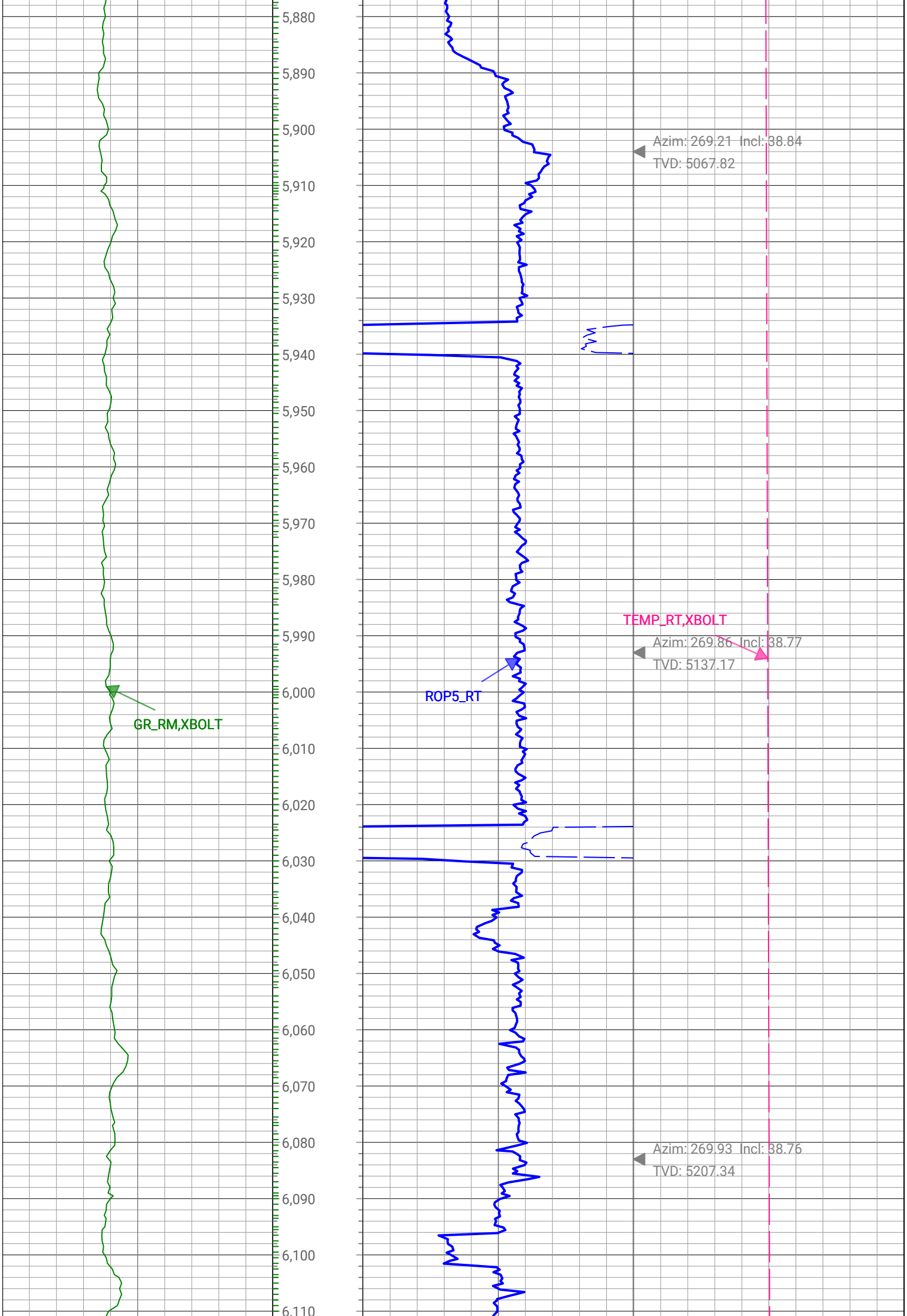
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TVD: 5067.82
TEMP_RT,XBOLT
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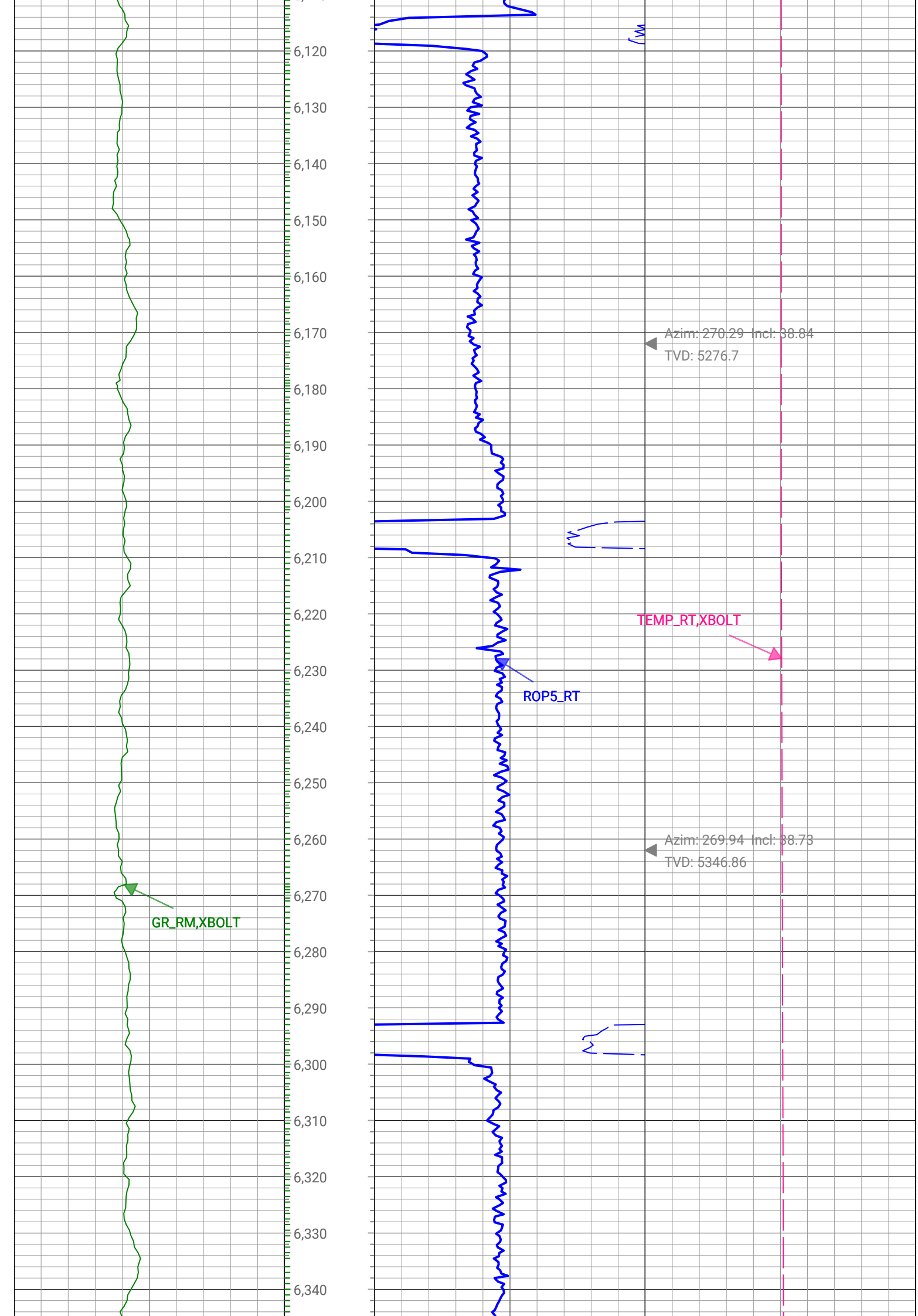
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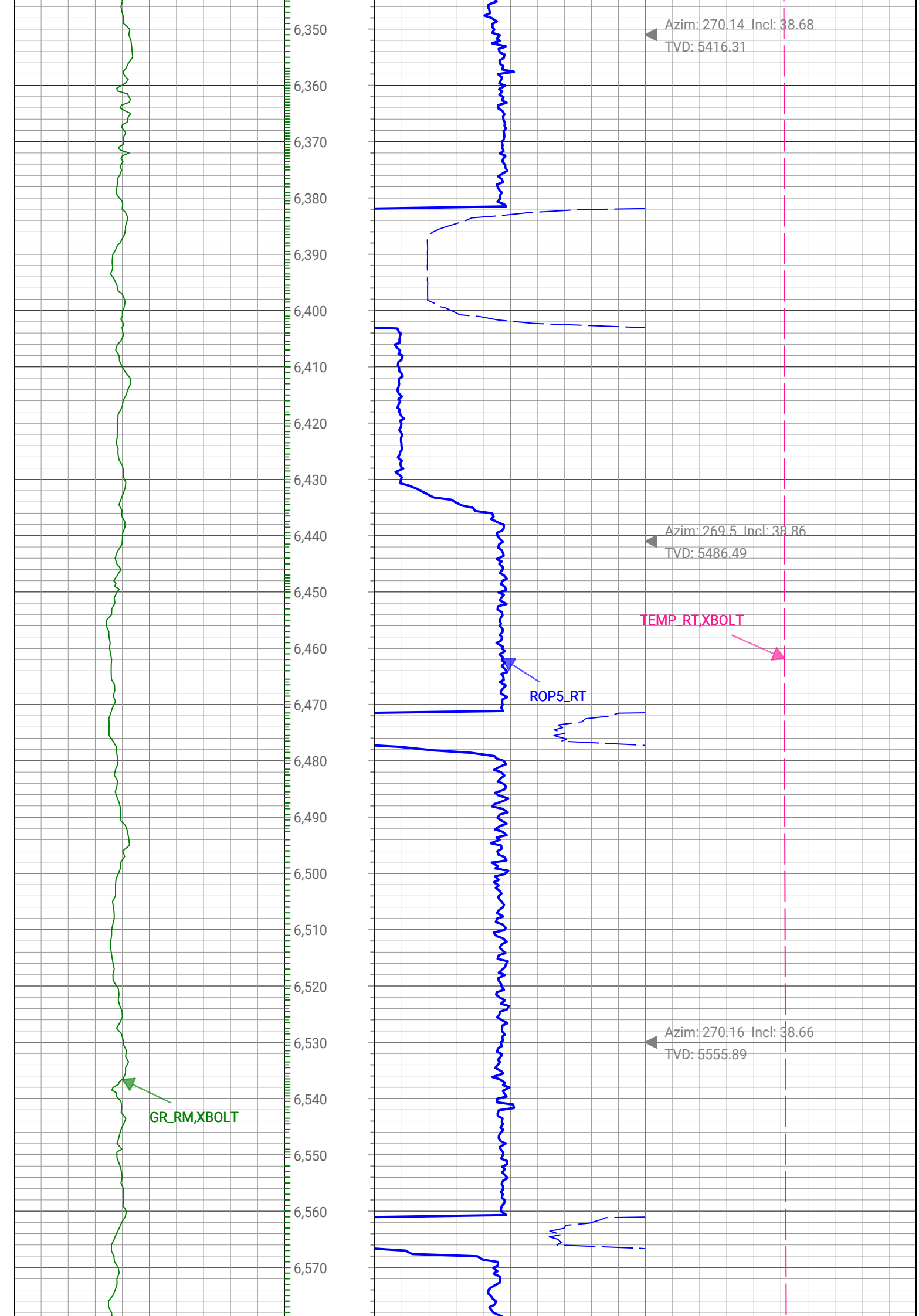
GR_RM,XBOLT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Azim: 270.14 Incl: 38.68
TVD: 5416.31
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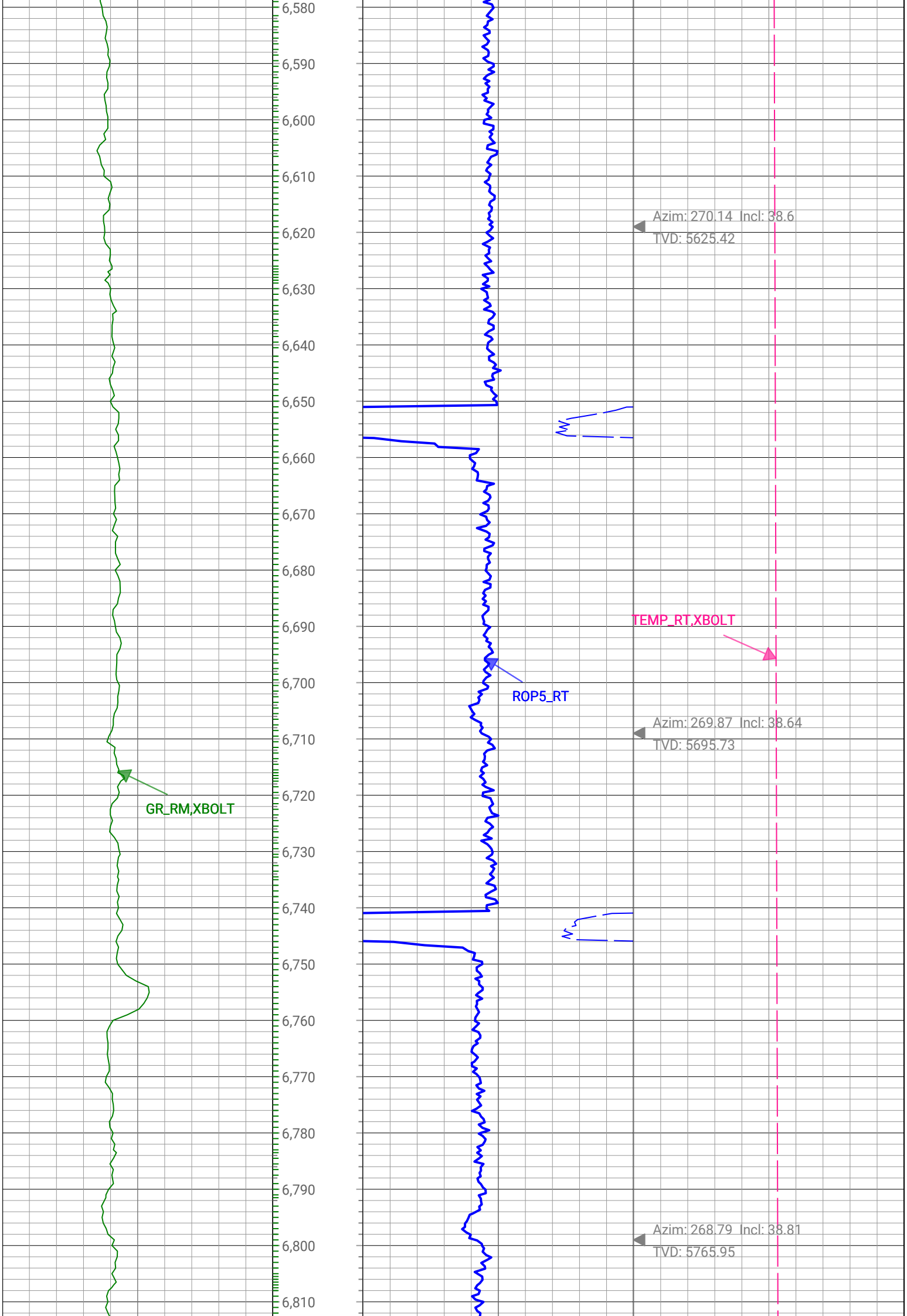
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TVD: 5625.42
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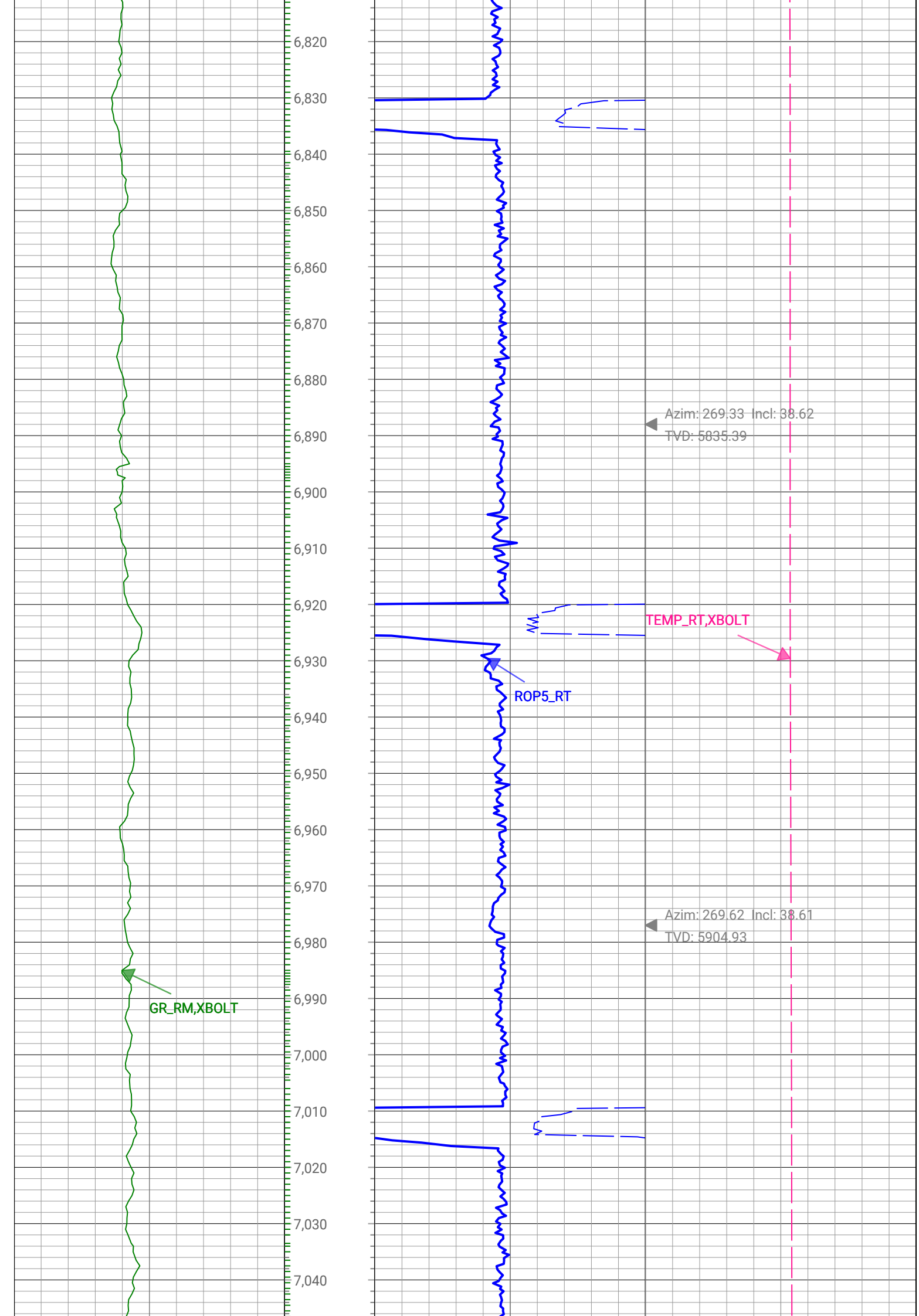
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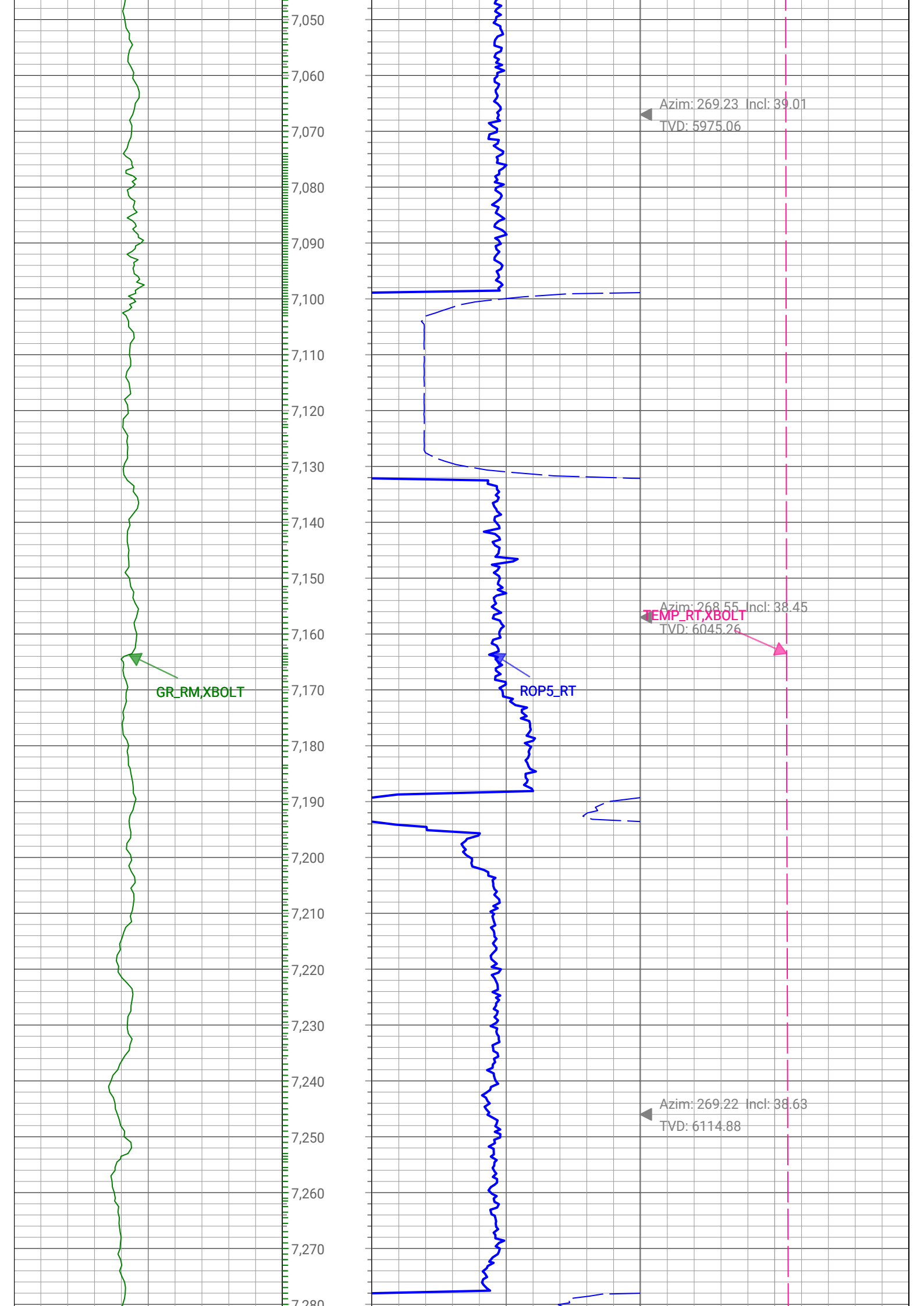
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TVD: 5975.06
Azim: 268.55 Incl: 38.45
TVD: 6045.26
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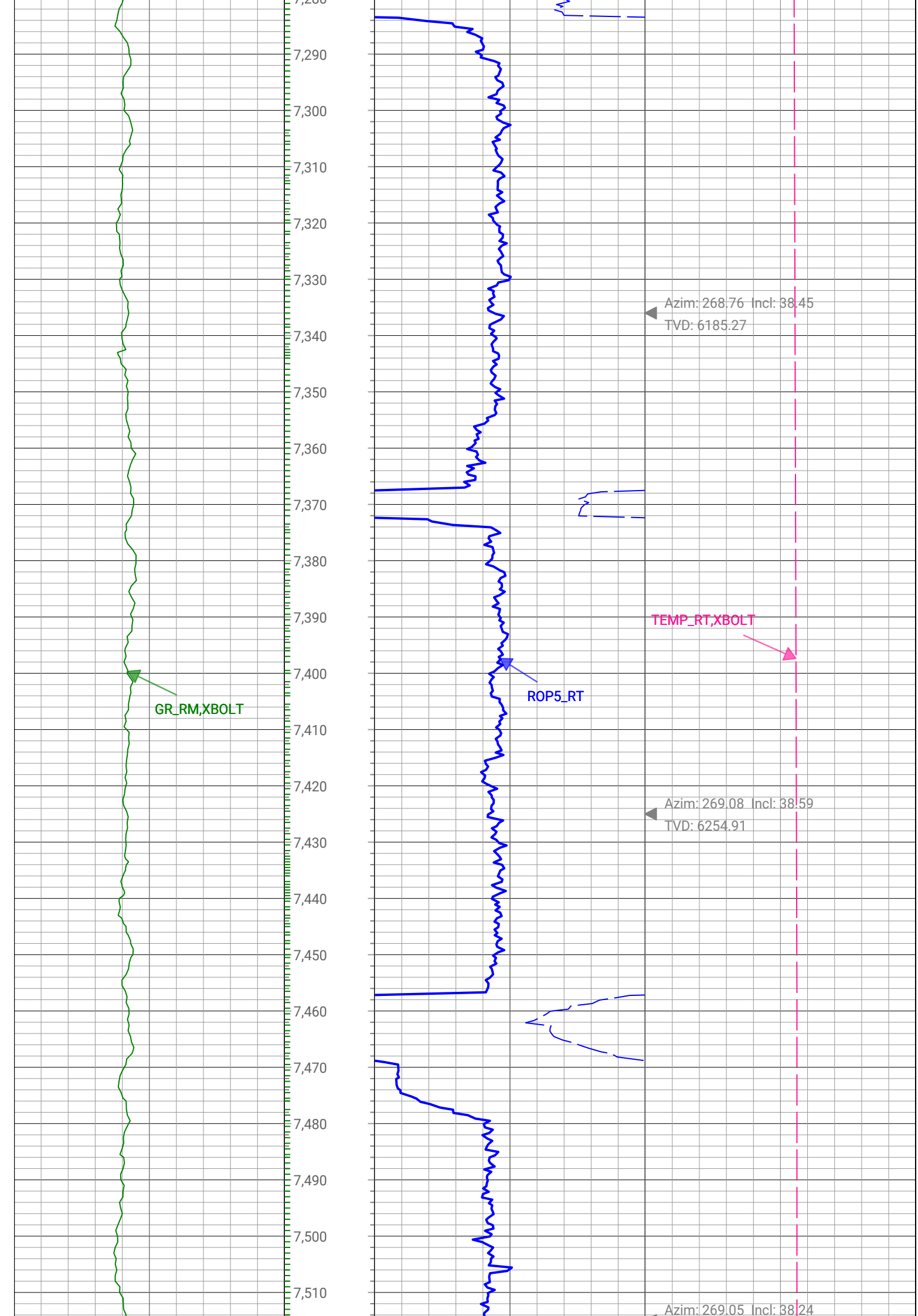
TEMP_RT,XBOLT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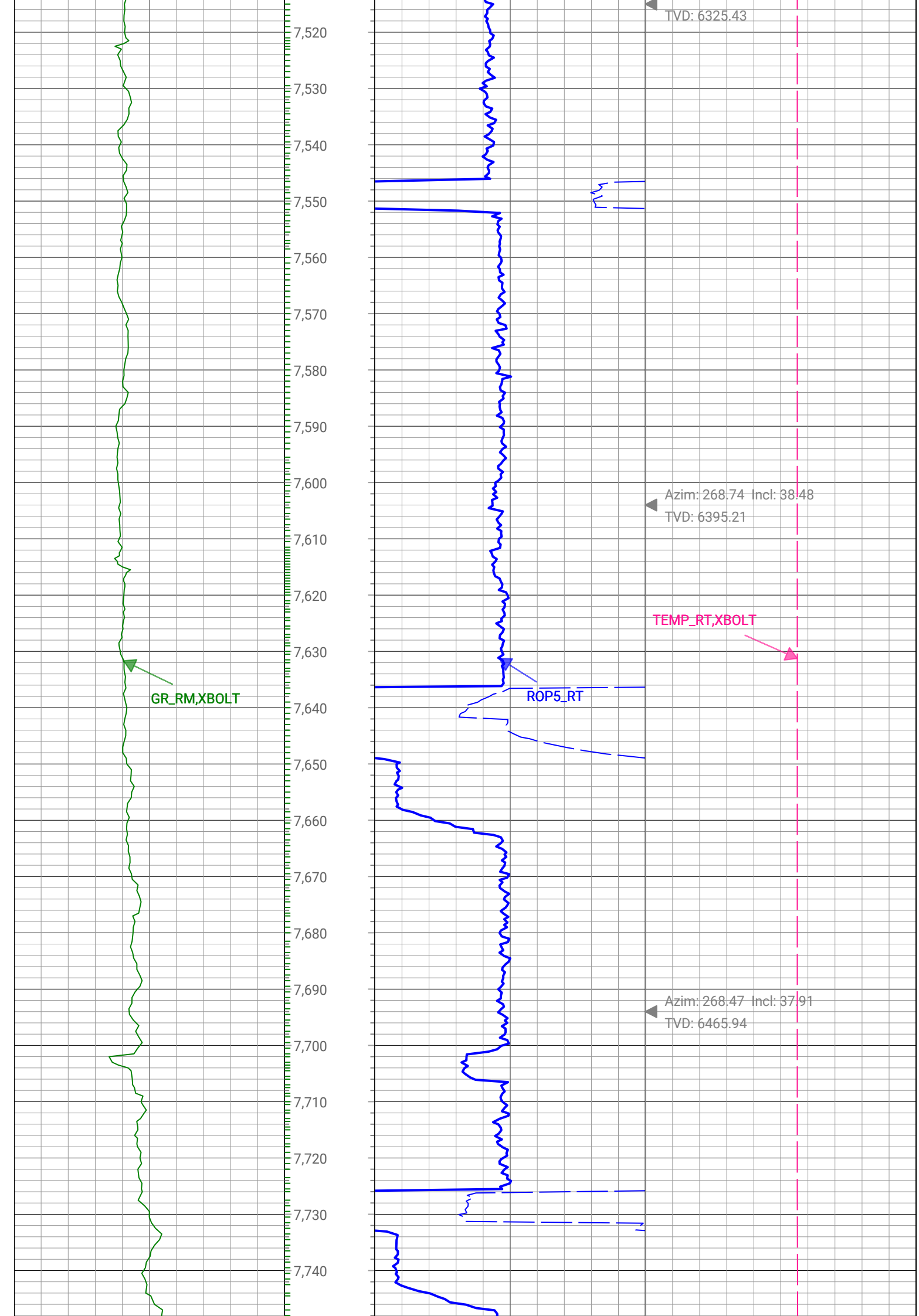
7,470
7,480
7,490
7,500
7,510
Azim: 268.76 Incl: 38.45
TVD: 6185.27
TEMP_RT,XBOLT
GR_RM,XBOLT
ROP5_RT
Azim: 269.08 Incl: 38.59
TVD: 6254.91
Azim: 269.05 Incl: 38.24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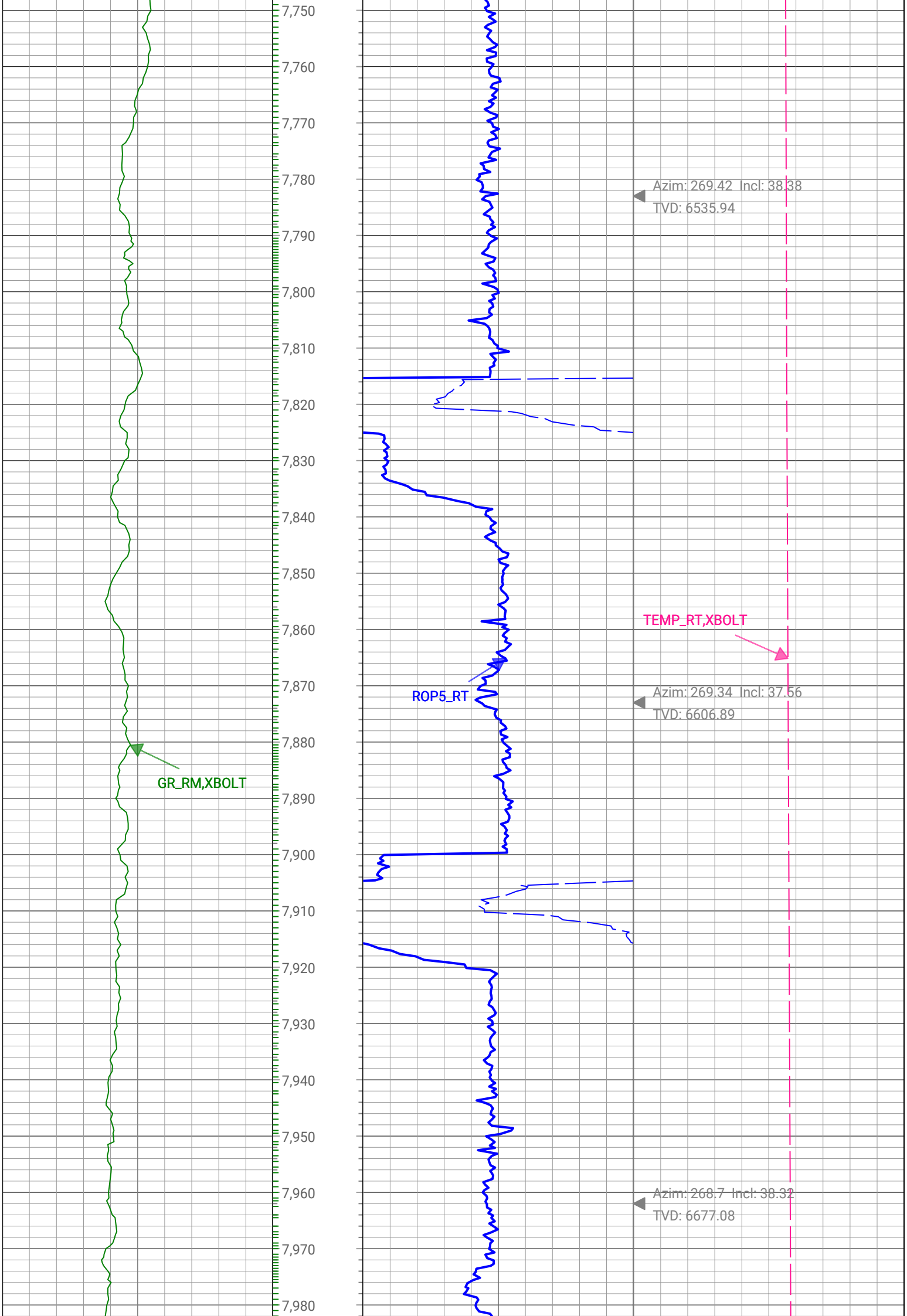
7,720
7,730
7,740
TVD: 6325.43
Azim: 268.74 Incl: 38.48
TVD: 6395.21
Azim: 268.47 Incl: 37.91
TVD: 6465.94
TEMP_RT,XBOLT
GR_RM,XBOLT
ROP5_RT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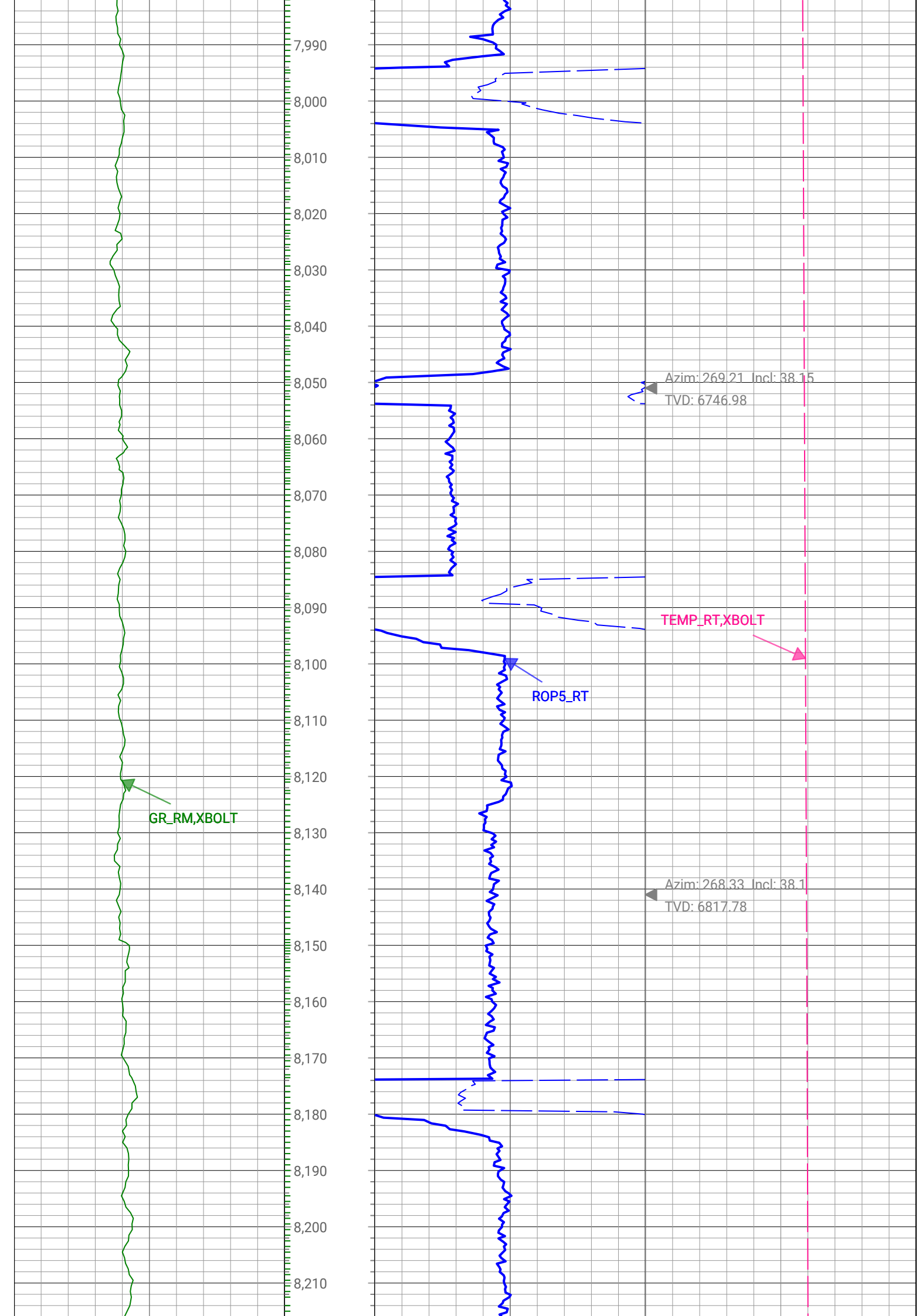
7,920
7,930
7,940
7,950
7,960
7,970
7,980
Azim: 269.42 Incl: 38.38
TVD: 6535.94
TEMP_RT,XBOLT
ROP5_RT
Azim: 269.34 Incl: 37.66
TVD: 6606.89
GR_RM,XBOLT
Azim: 268.7 Incl: 38.32
TVD: 6677.08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8,210
Azim: 269.21 Incl: 38.15
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TEMP_RT,XBOLT
ROP5_RT
GR_RM,XBOLT
Azim: 268.33 Incl: 38.1
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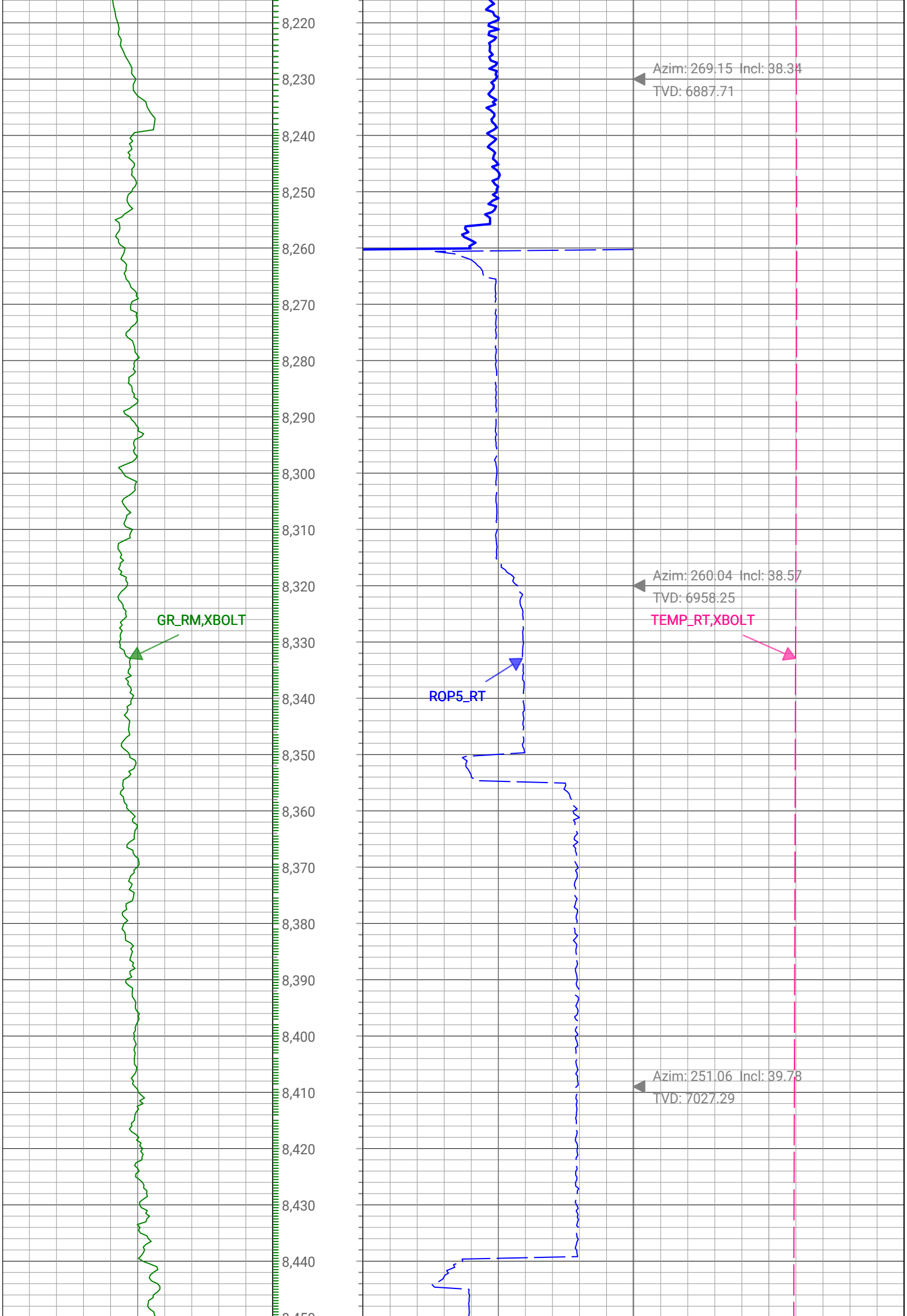
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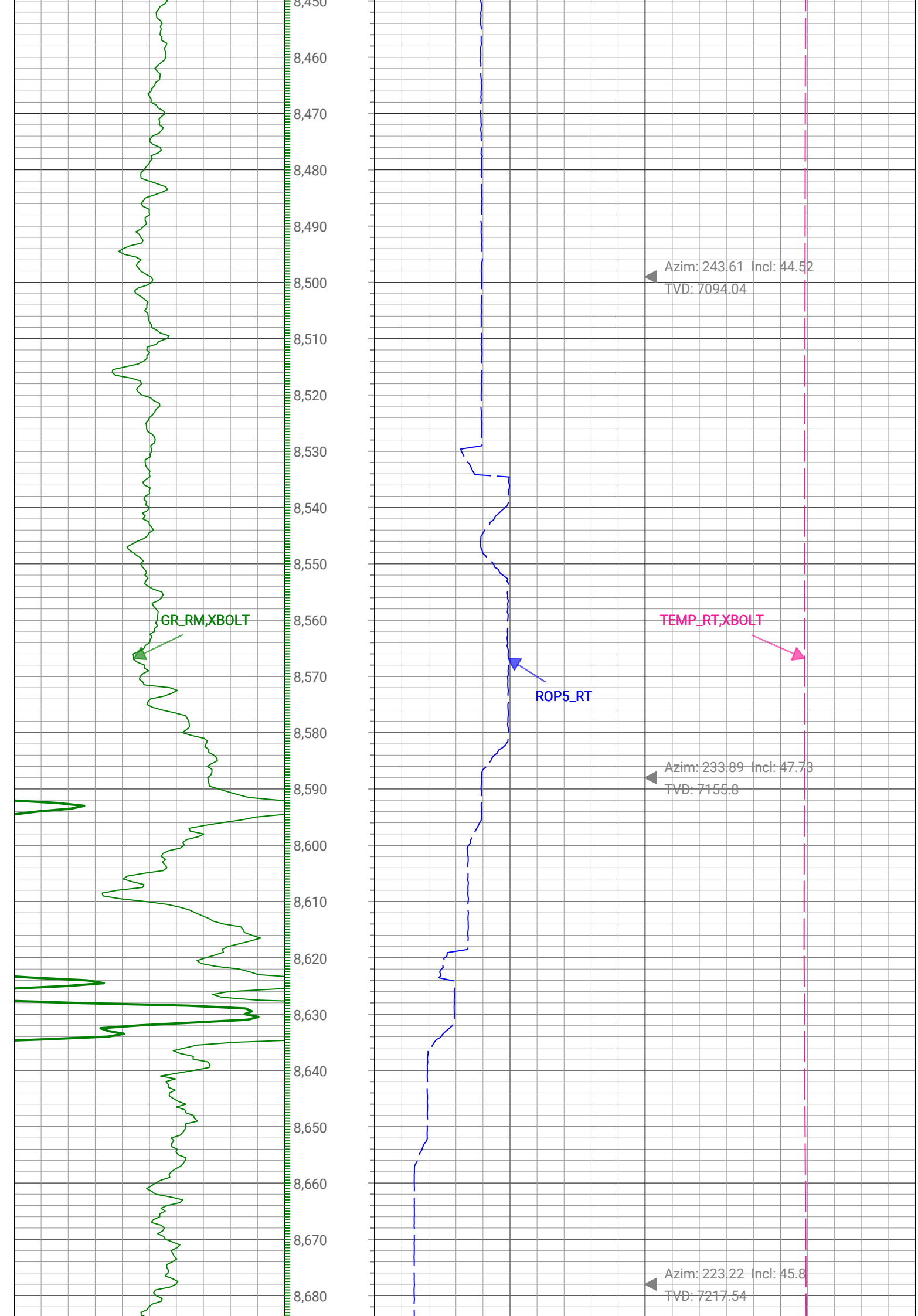
8,440
GR_RM,XBOLT
ROP5_RT
Azim: 269.15 Incl: 38.34
TVD: 6887.71
Azim: 260.04 Incl: 38.57
TVD: 6958.25
TEMP_RT,XBOLT
Azim: 251.06 Incl: 39.78
TVD: 7027.29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GR_RM,XBOLT
ROP5_RT
TEMP_RT,XBOLT
Azim: 243.61 Incl: 44.52
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Azim: 233.89 Incl: 47.73
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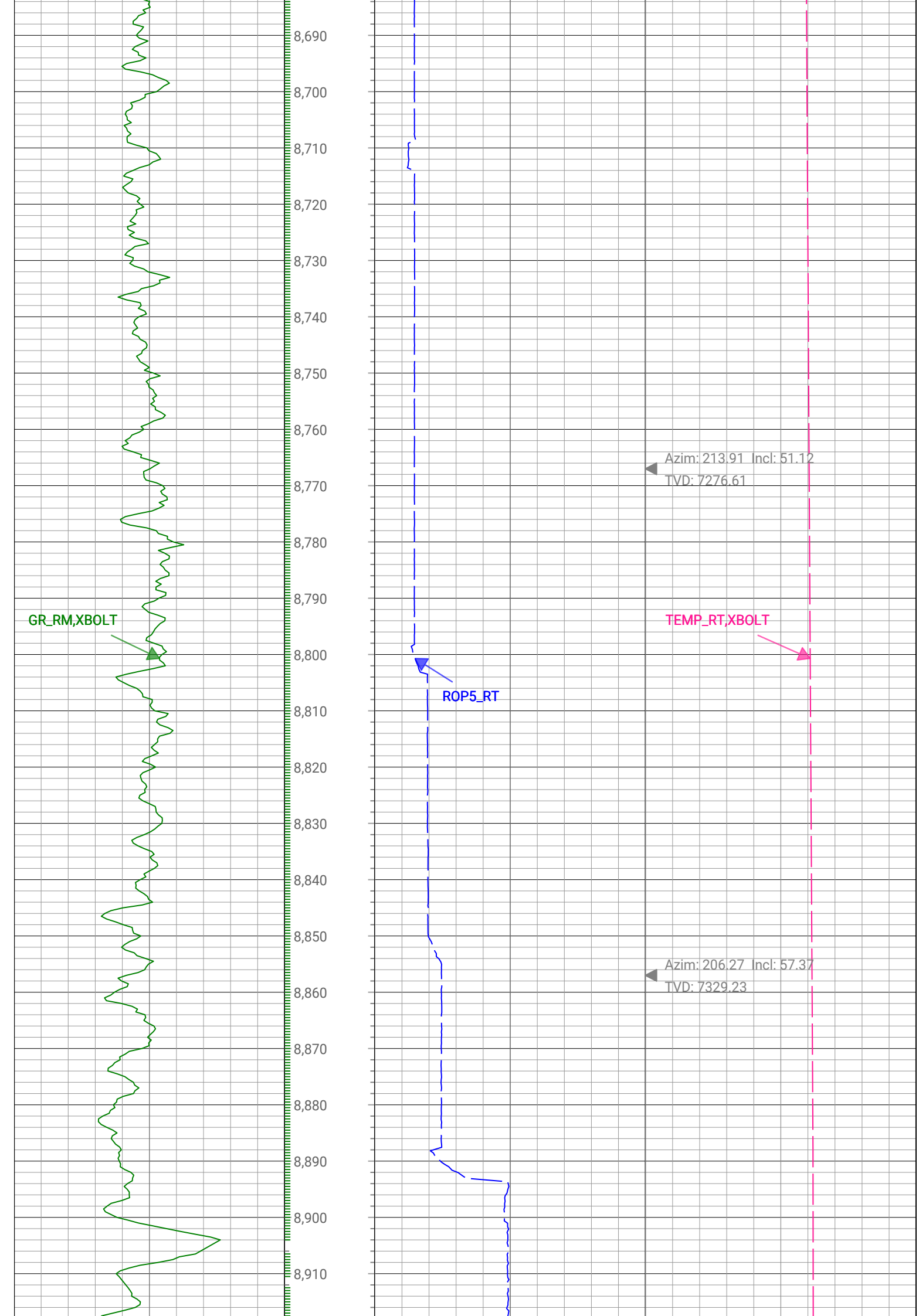
TVD: 7217.54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8,900
8,910
GR_RM,XBOLT
ROP5_RT
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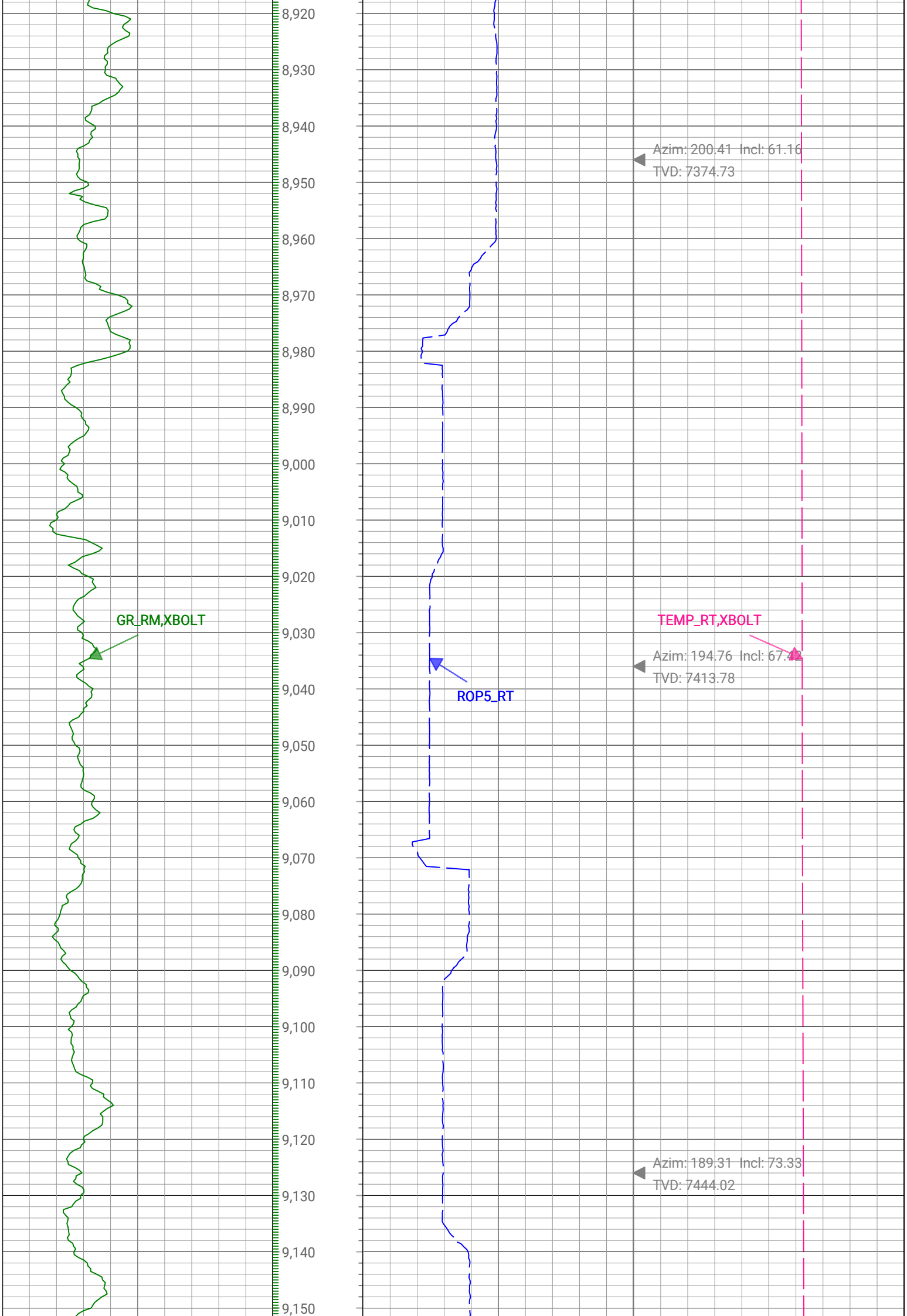
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GR_RM,XBOLT
ROP5_RT
TEMP_RT,XBOLT
Azim: 200.41 Incl: 61.16
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Azim: 194.76 Incl: 67.42
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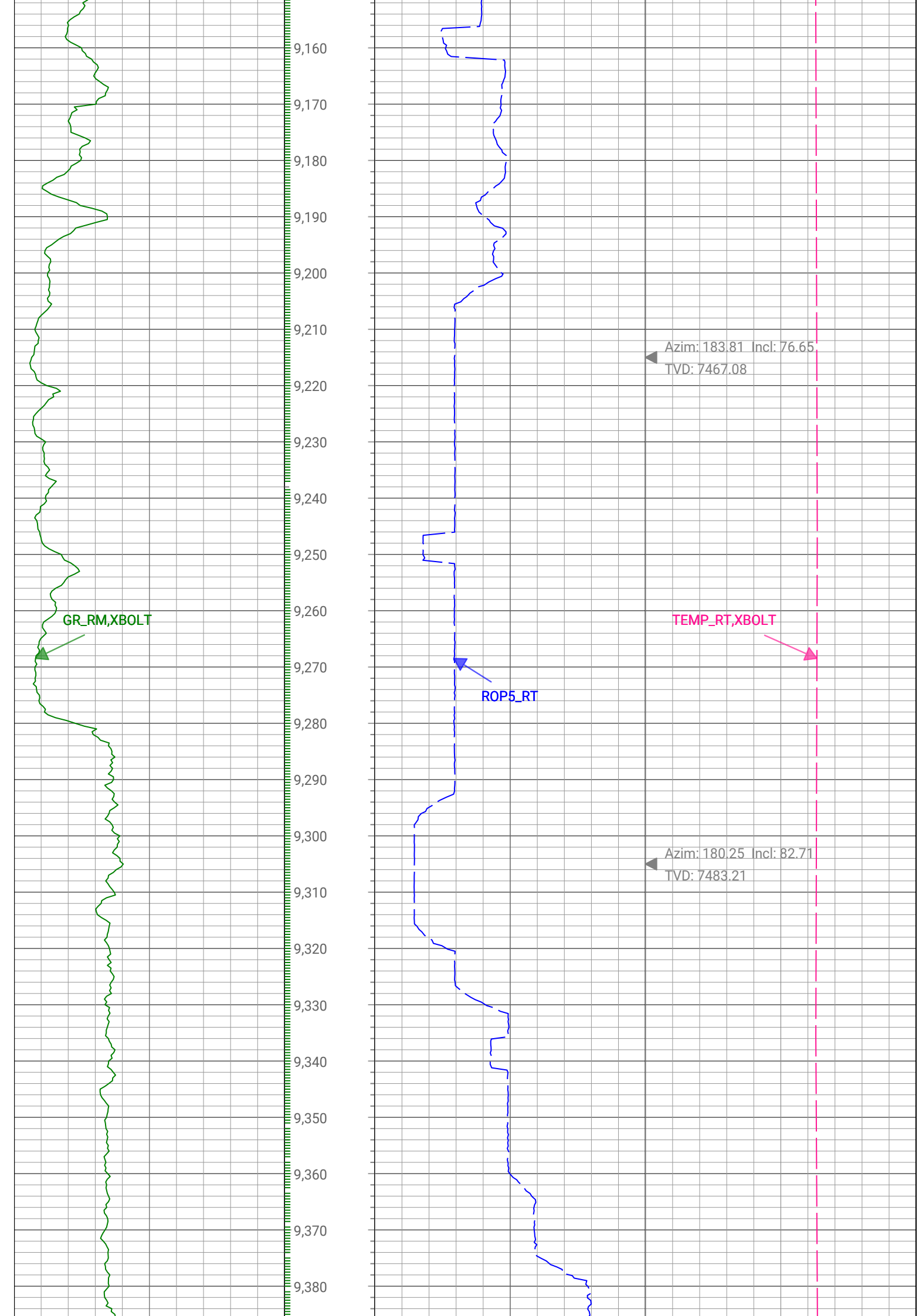
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GR_RM,XBOLT
ROP5_RT
TEMP_RT,XBOLT
Azim: 183.81 Incl: 76.65
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Azim: 180.25 Incl: 82.71
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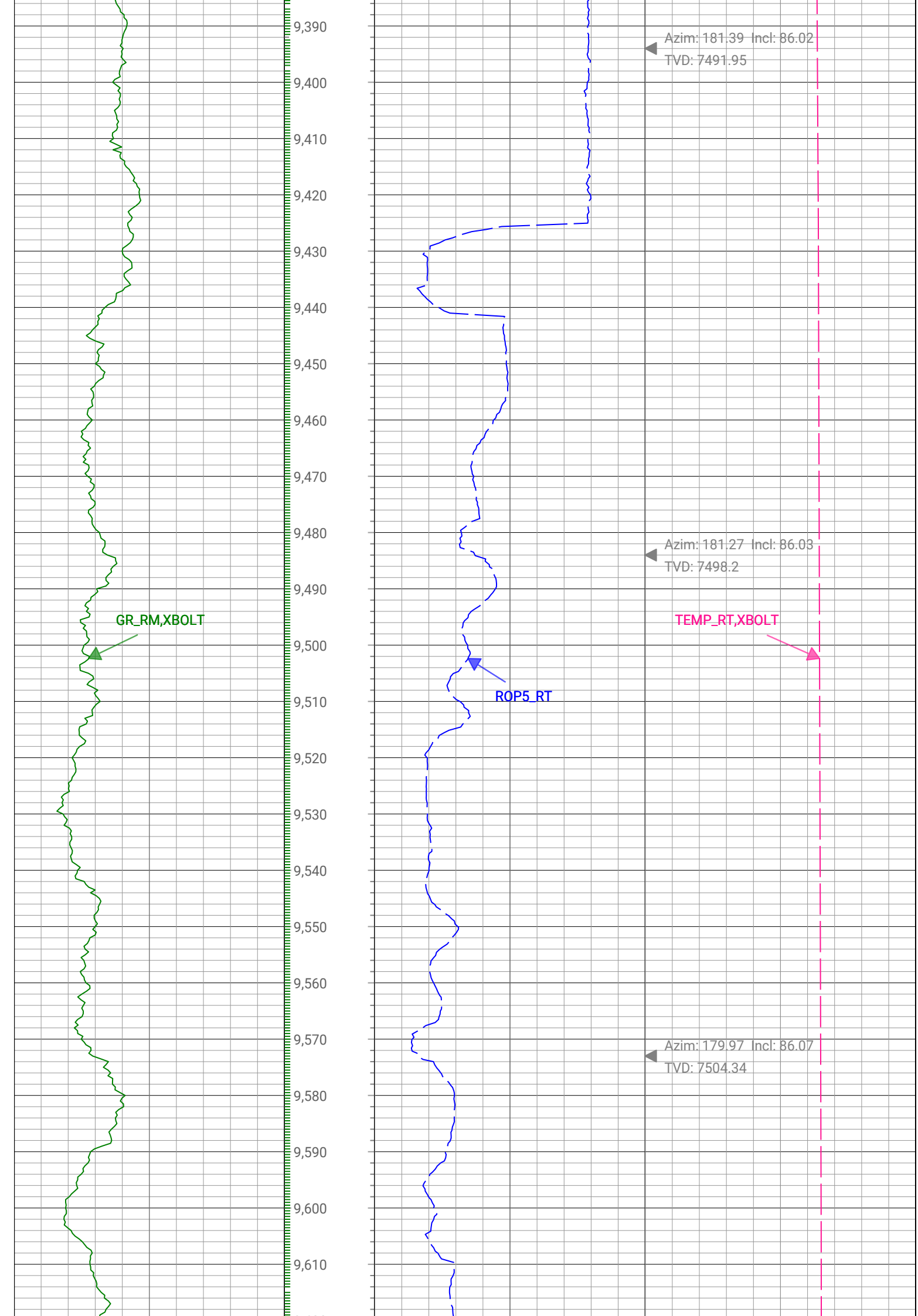
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Azim: 181.39 Incl: 86.02
TVD: 7491.95
Azim: 181.27 Incl: 86.03
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TVD: 7504.34
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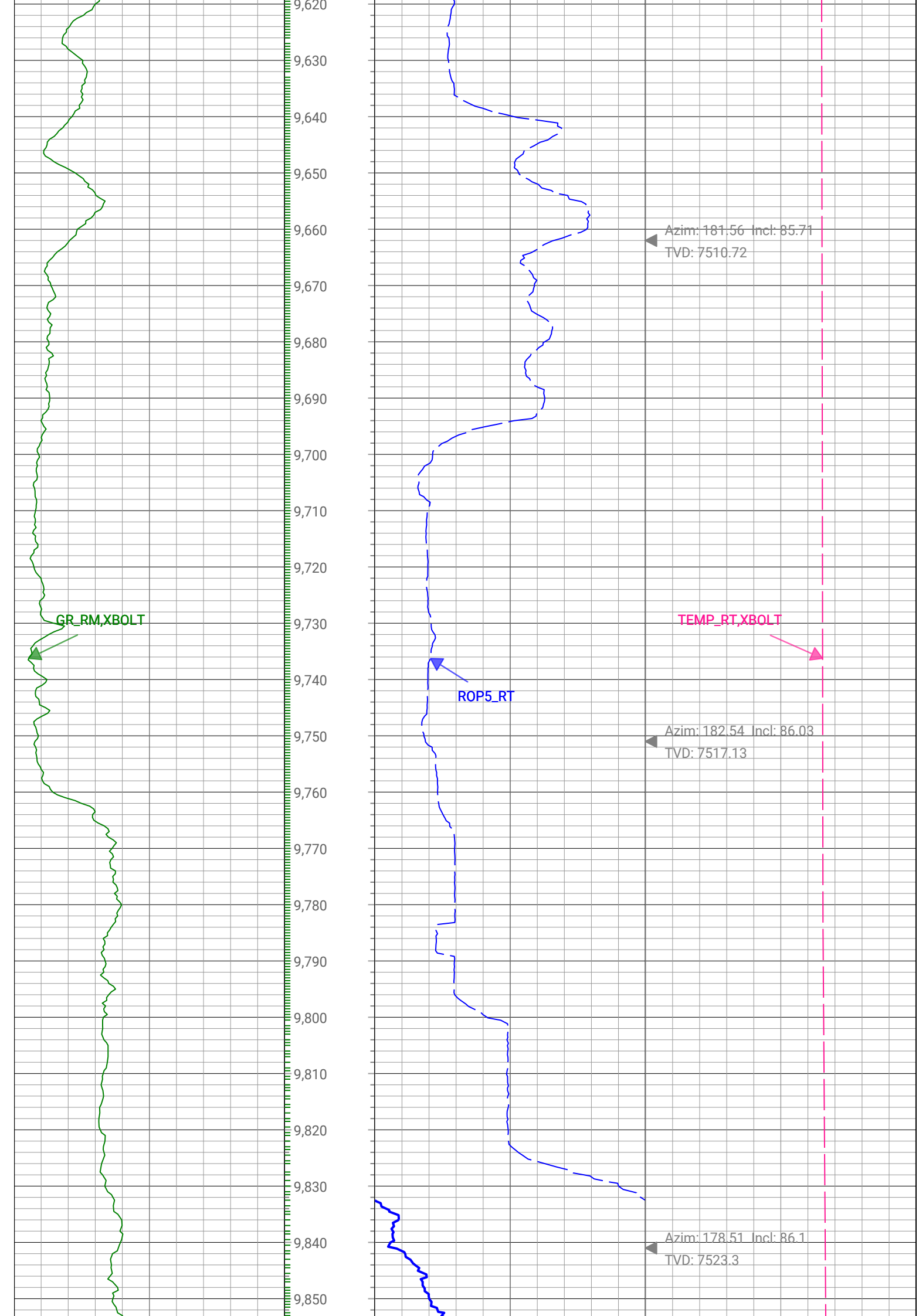
ROP5_RT
TEMP_RT,XBOLT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GR_RM,XBOLT
ROP5_RT
TEMP_RT,XBOLT
Azim: 181.56 Incl: 85.71
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Azim: 178.51 Incl: 86.1
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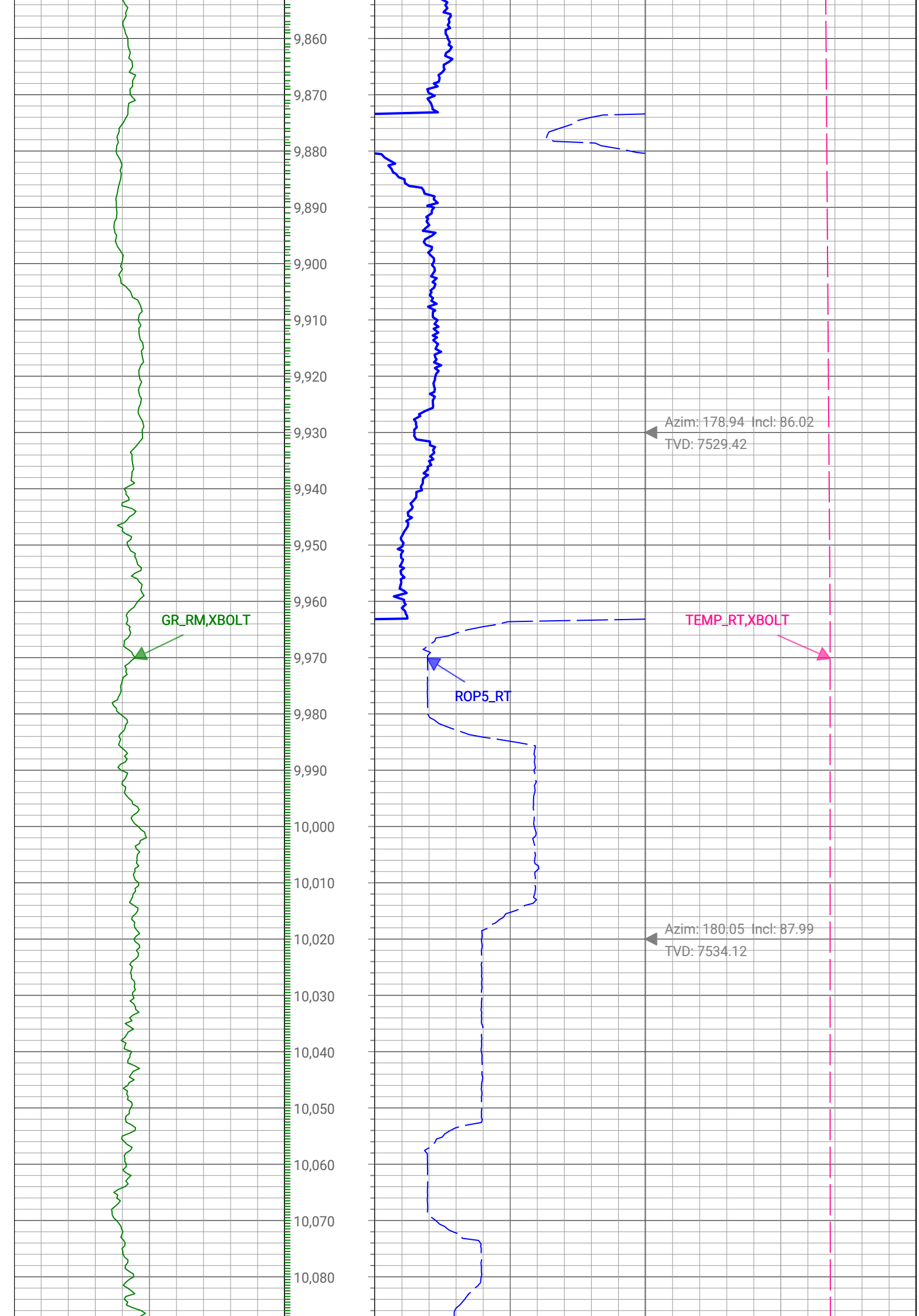
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Azim: 178.94 Incl: 86.02
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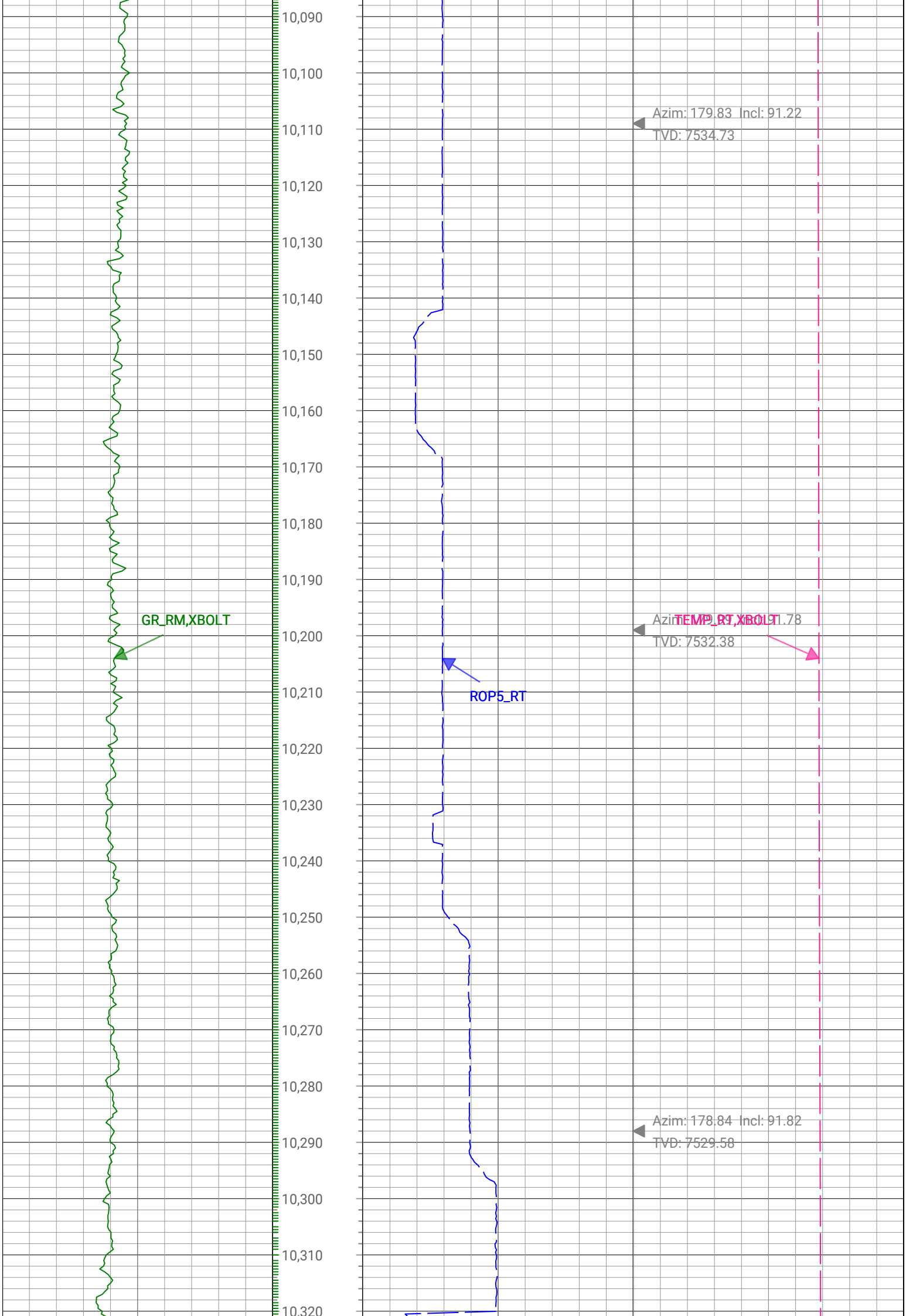
ROP5_RT
Azim: 180.05 Incl: 87.99
TVD: 7534.12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GR_RM,XBOLT
ROP5_RT
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Azim: 179.78
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Azim: 178.84 Incl: 91.82
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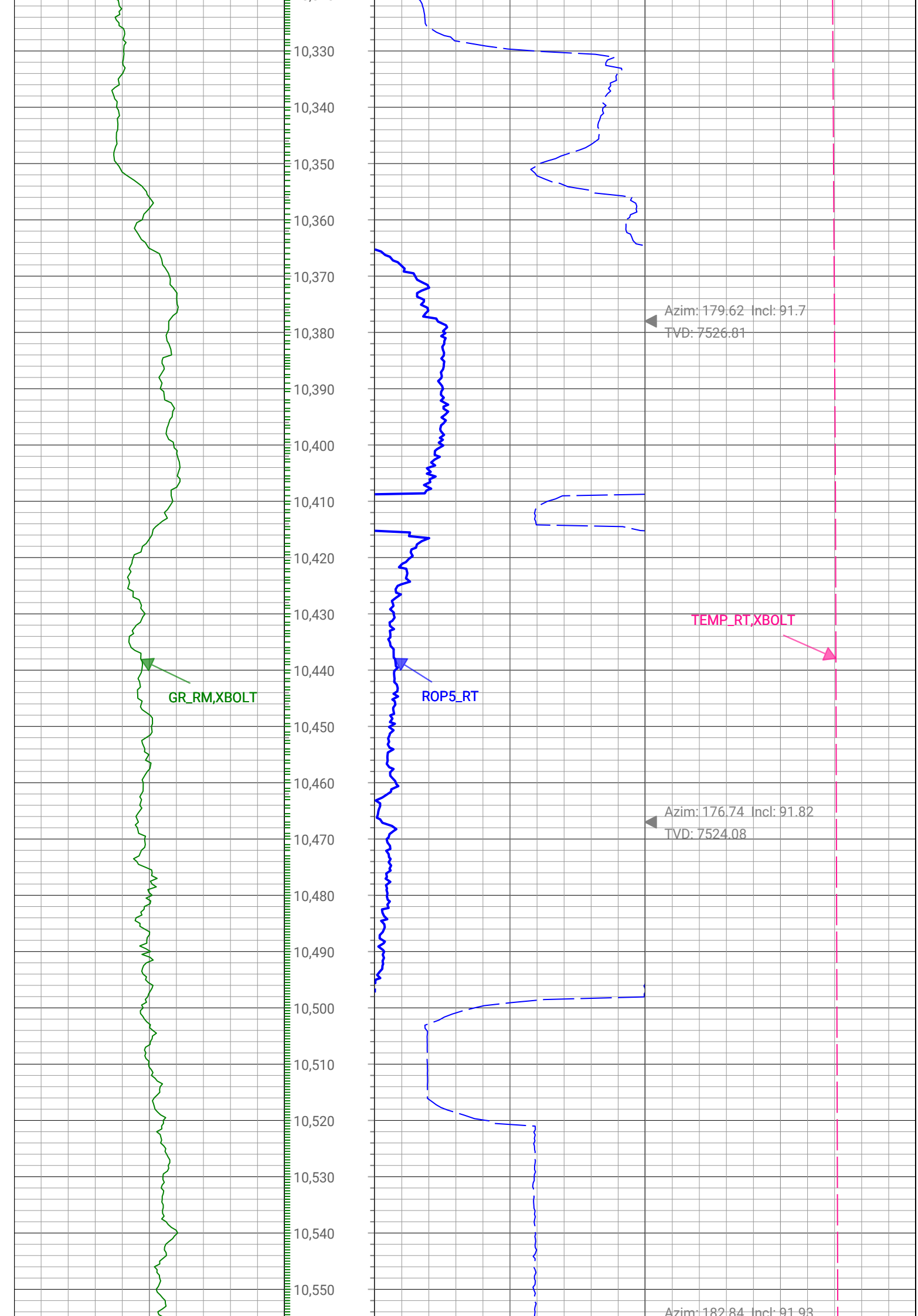
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Azim: 179.62 Incl: 91.7
TVD: 7526.81
TEMP_RT,XBOLT
GR_RM,XBOLT
ROP5_RT
Azim: 176.74 Incl: 91.82
TVD: 7524.08
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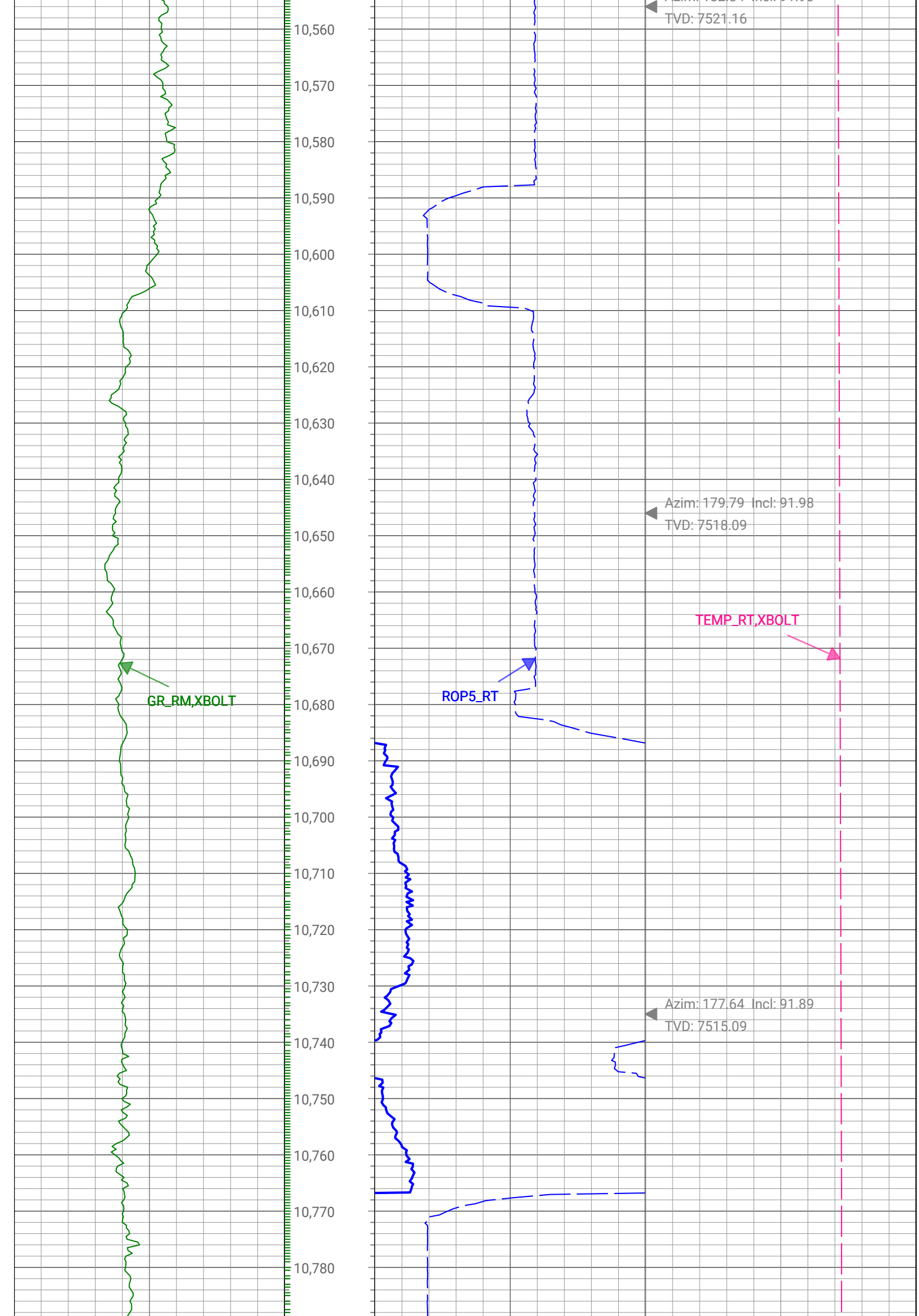
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10,760
10,770
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TVD: 7521.16
Azim: 179.79 Incl: 91.98
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GR_RM,XBOLT
ROP5_RT
Azim: 177.64 Incl: 91.89
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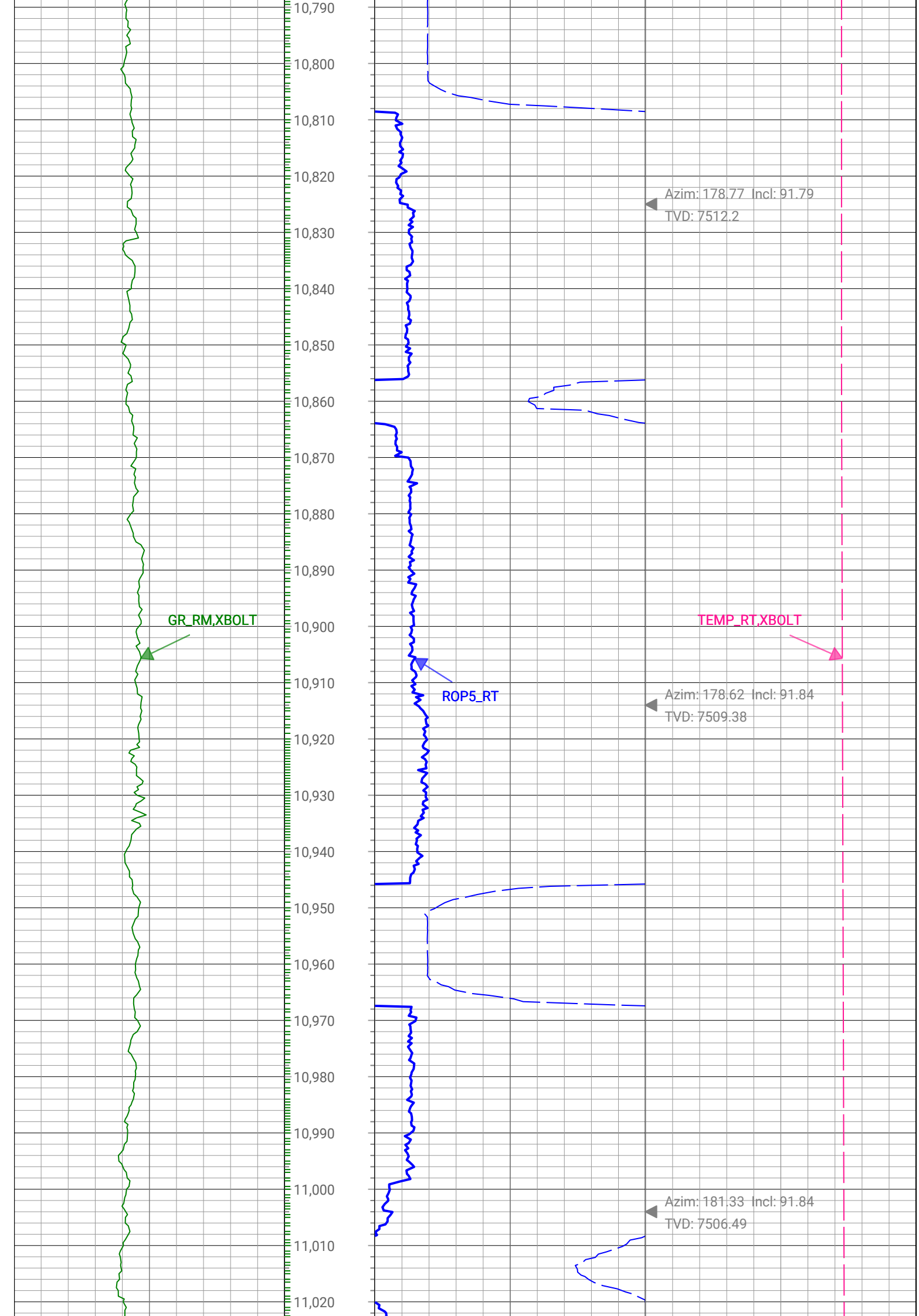
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GR_RM,XBOLT
ROP5_RT
TEMP_RT,XBOLT
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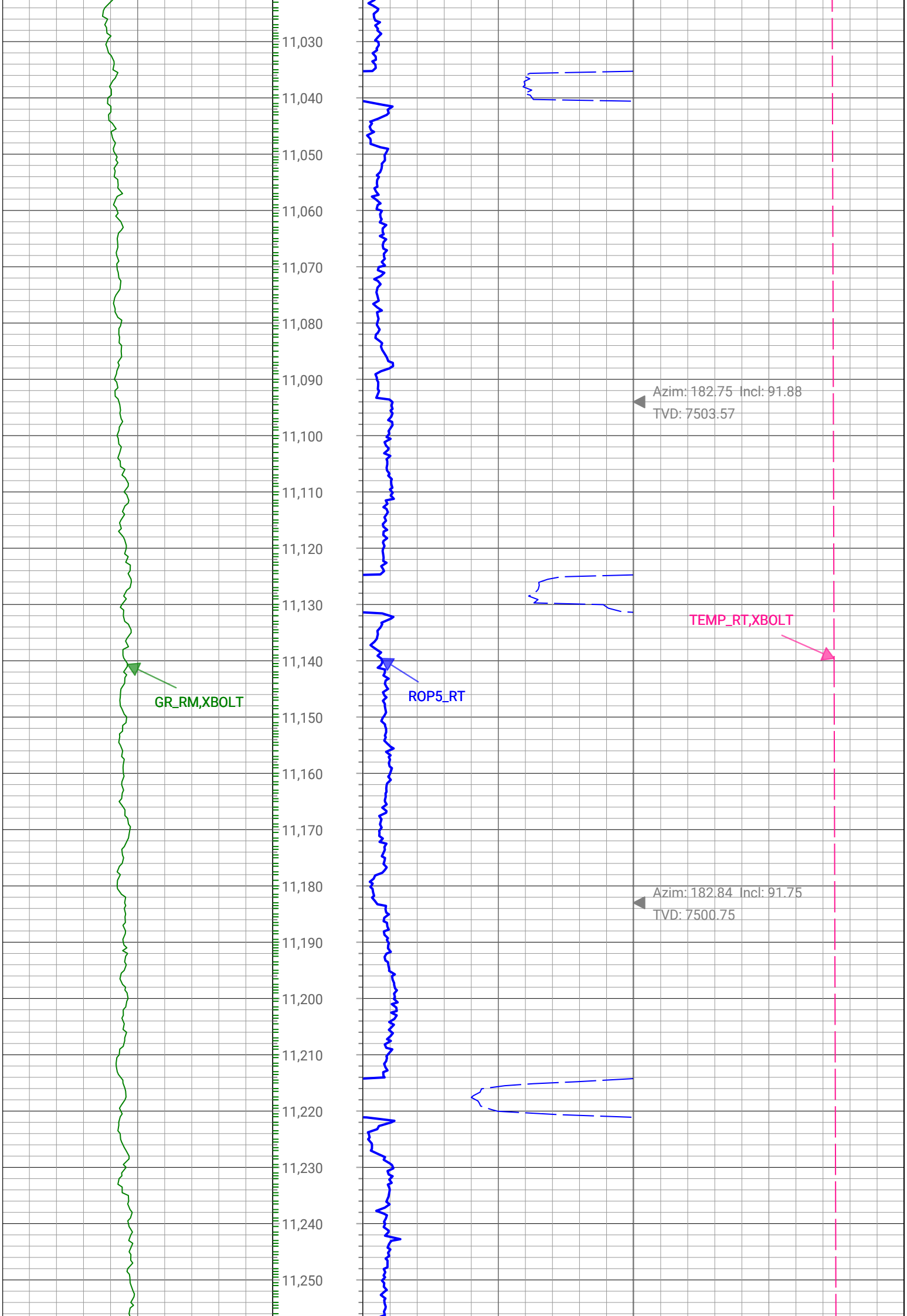
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GR_RM,XBOLT
ROP5_RT
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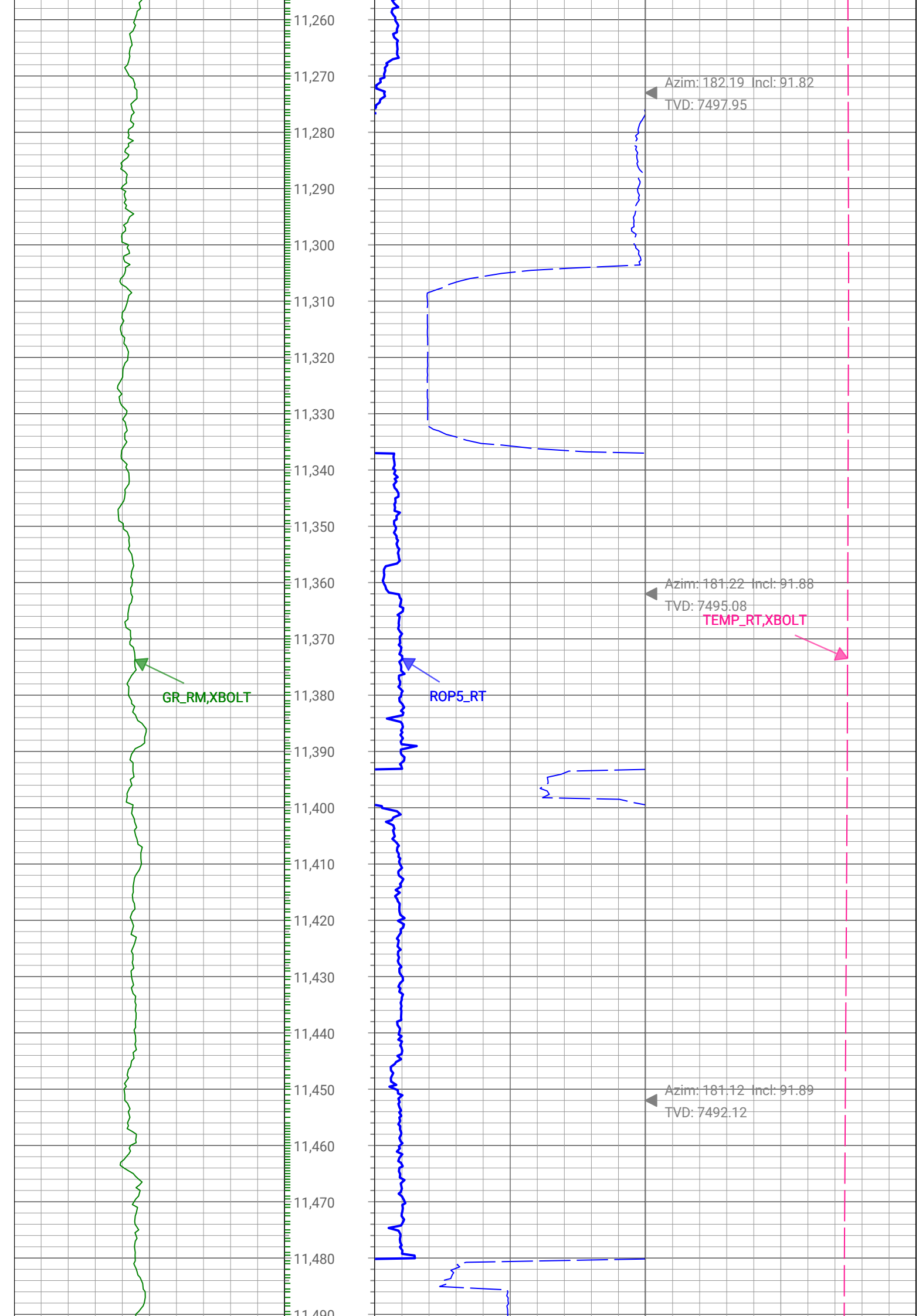
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TVD: 7497.95
Azim: 181.22 Incl: 91.88
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GR_RM,XBOLT
ROP5_RT
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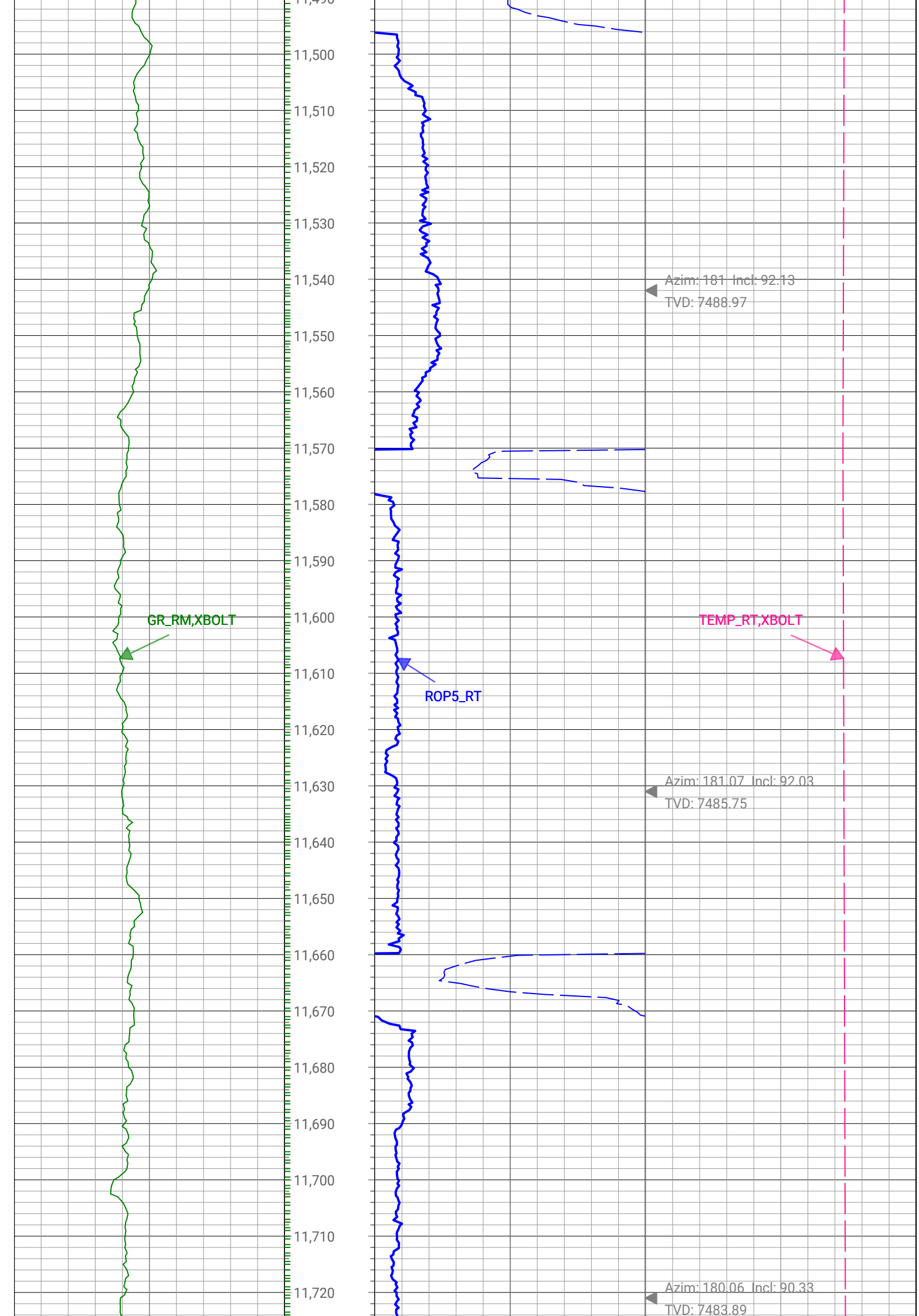
TVD: 7492.12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Azim: 181 Incl: 92.13
TVD: 7488.97
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TEMP_RT,XBOLT
ROP5_RT
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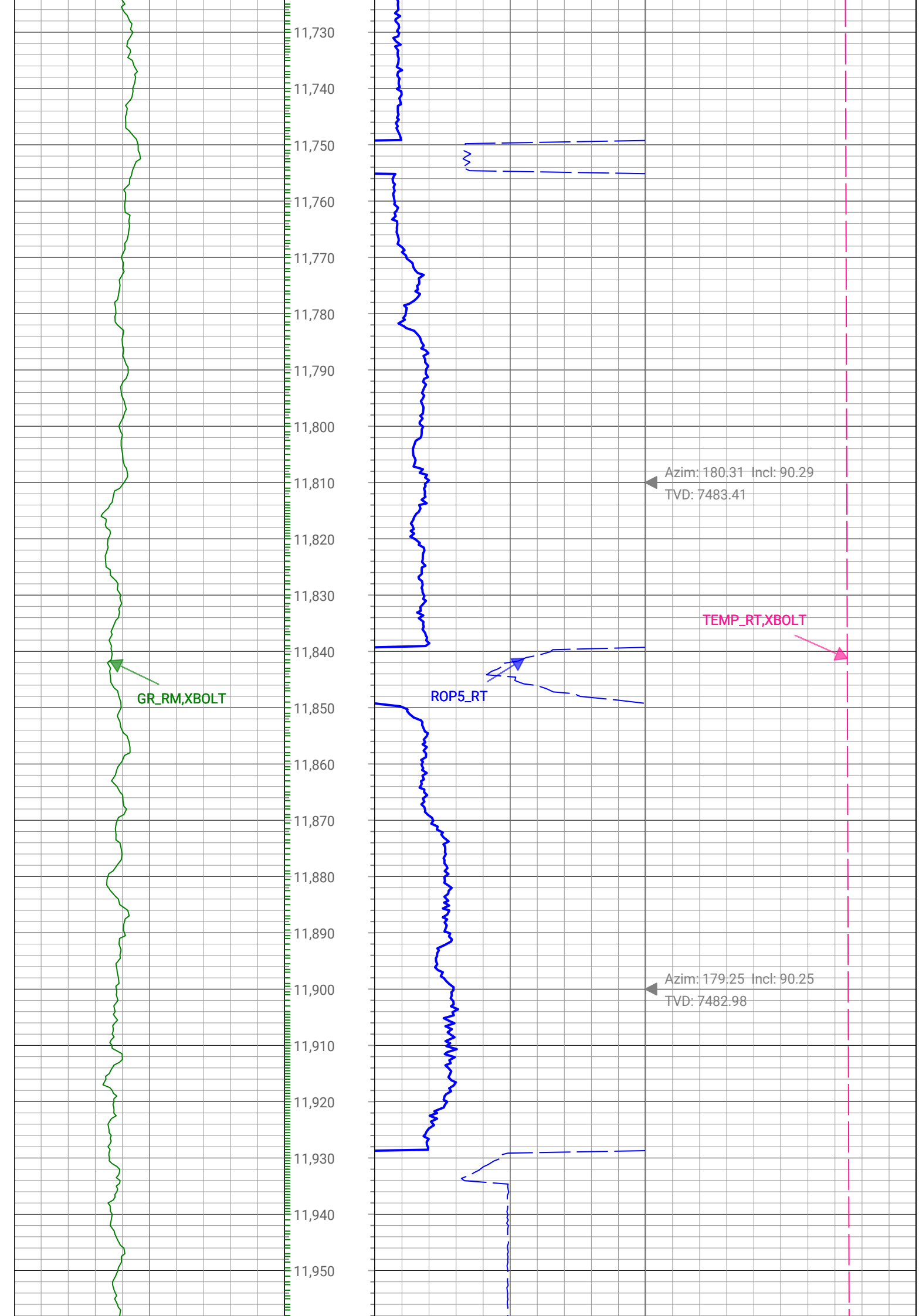
Azim: 180.06 Incl: 90.33
TVD: 7483.89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GR_RM,XBOLT
ROP5_RT
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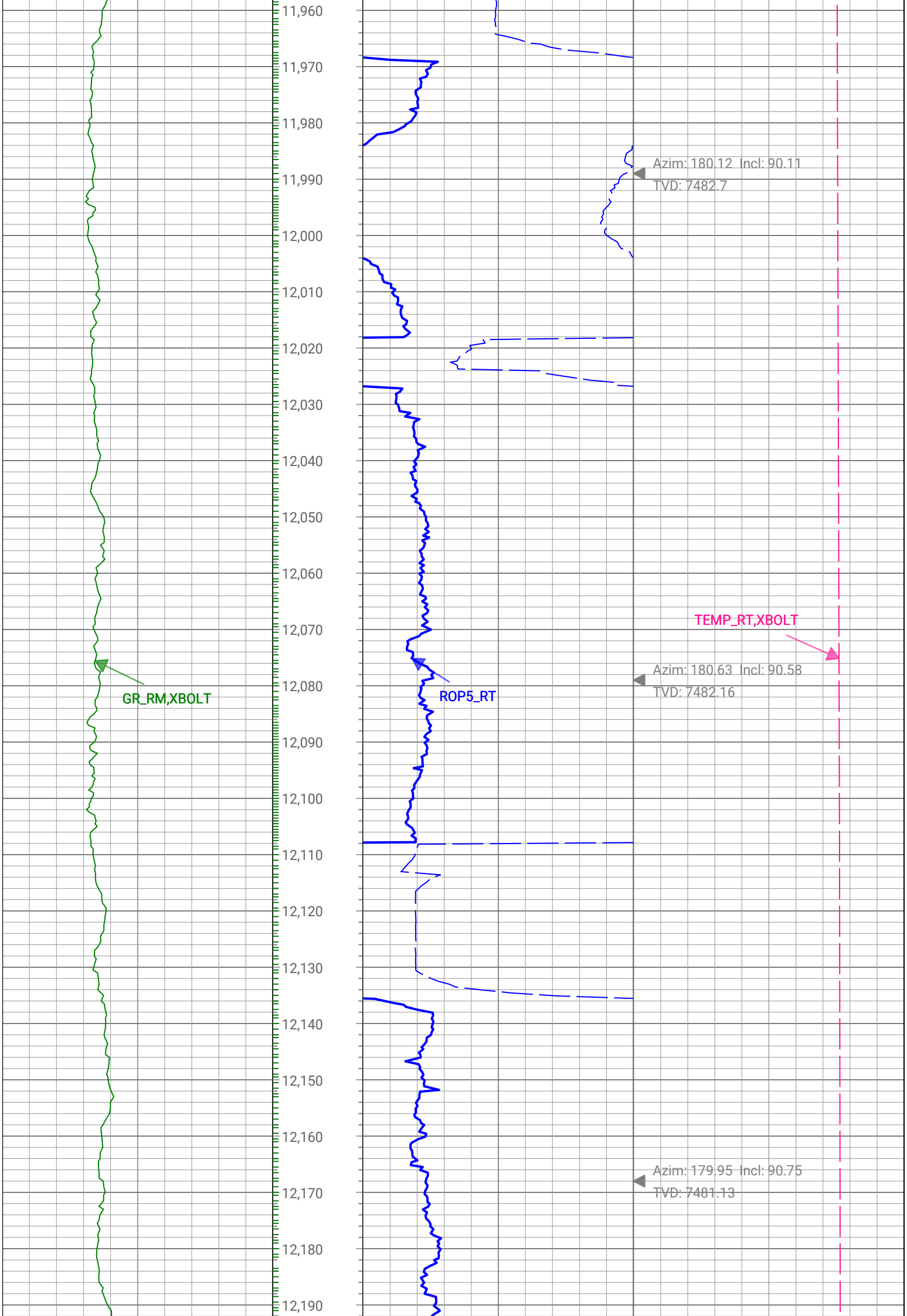
TVD: 7482.98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TEMP_RT,XBOLT
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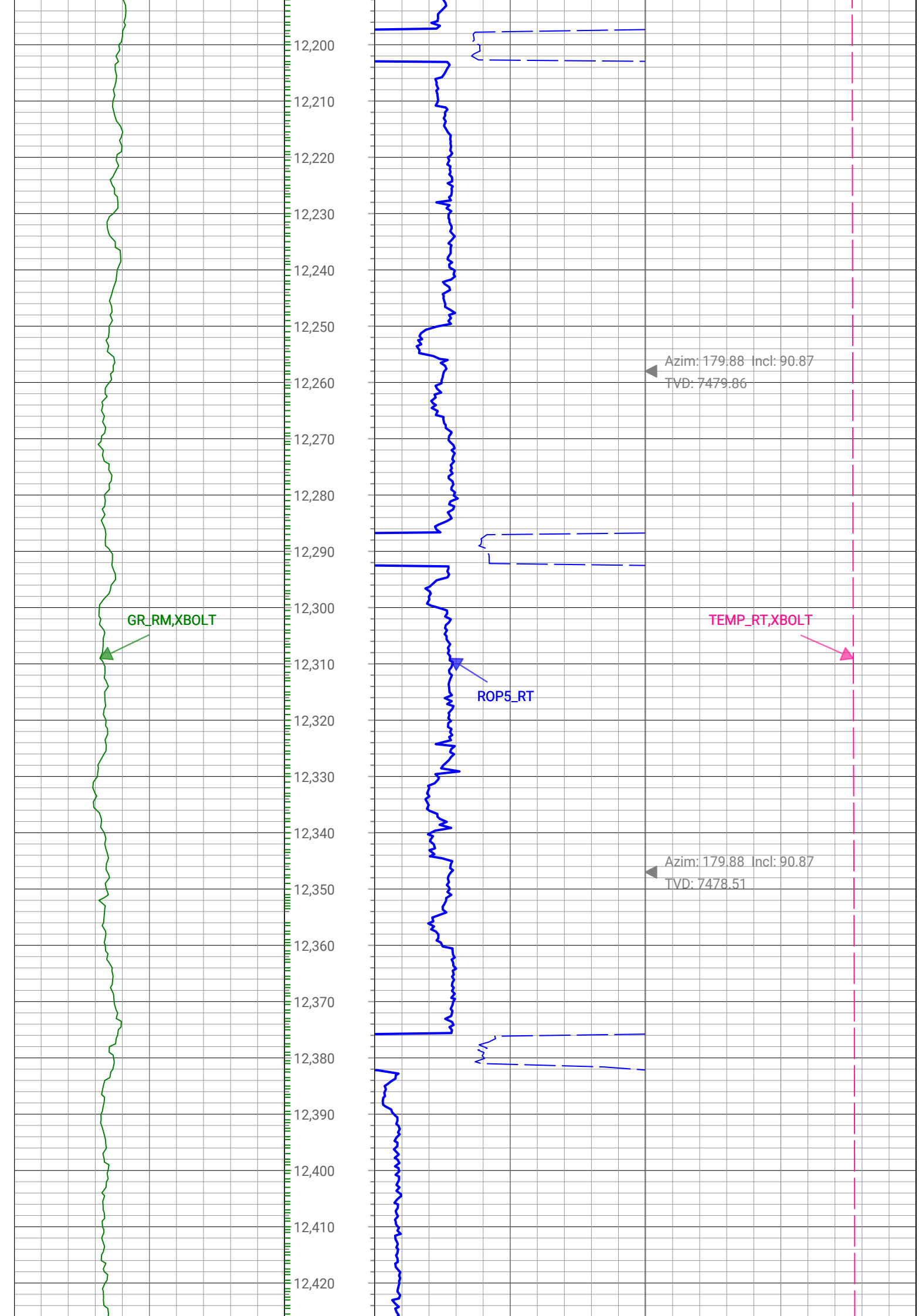
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Azim: 179.88 Incl: 90.87
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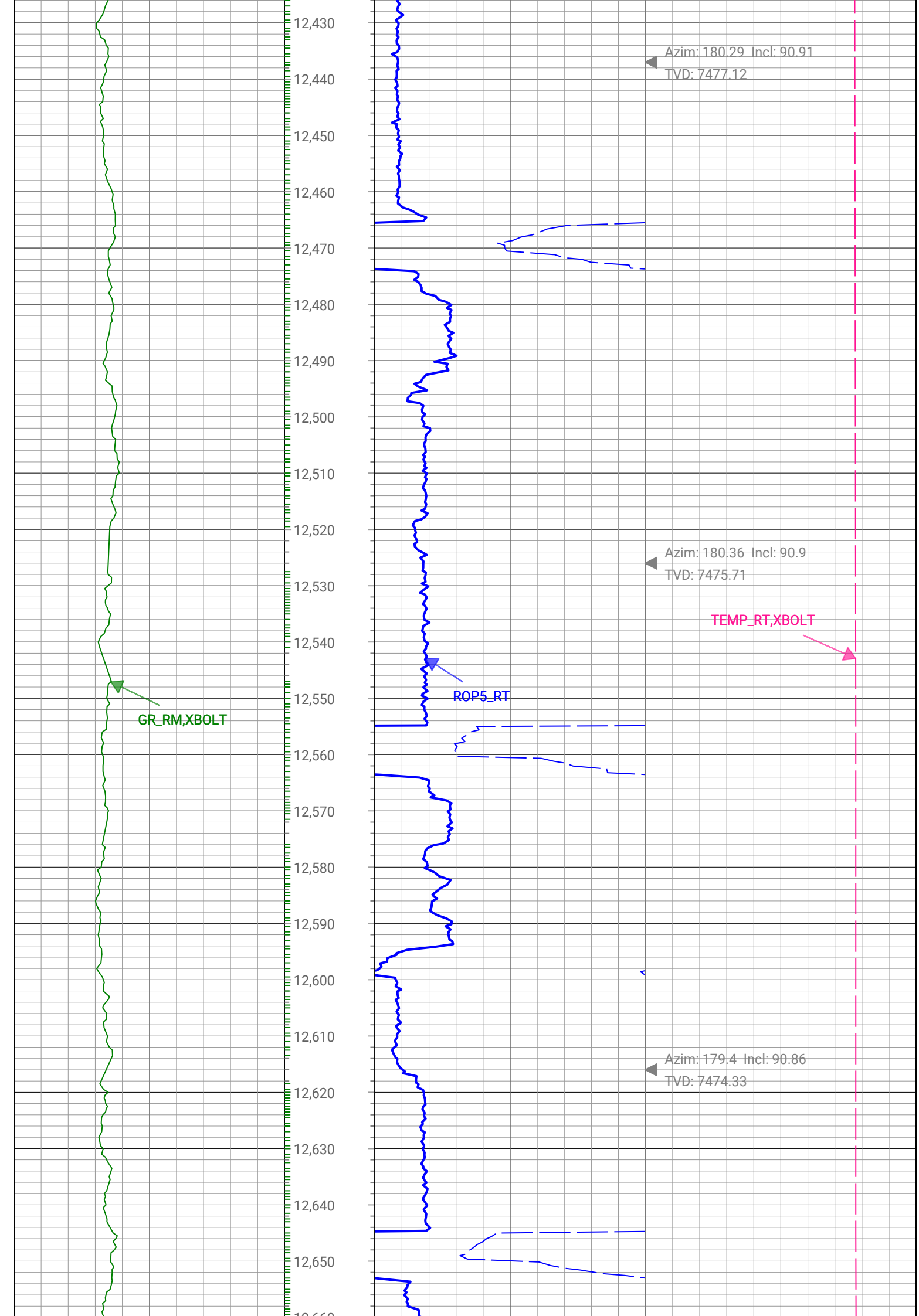
ROP5_RT
TEMP_RT,XBOLT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Azim: 180.29 Incl: 90.91
TVD: 7477.12
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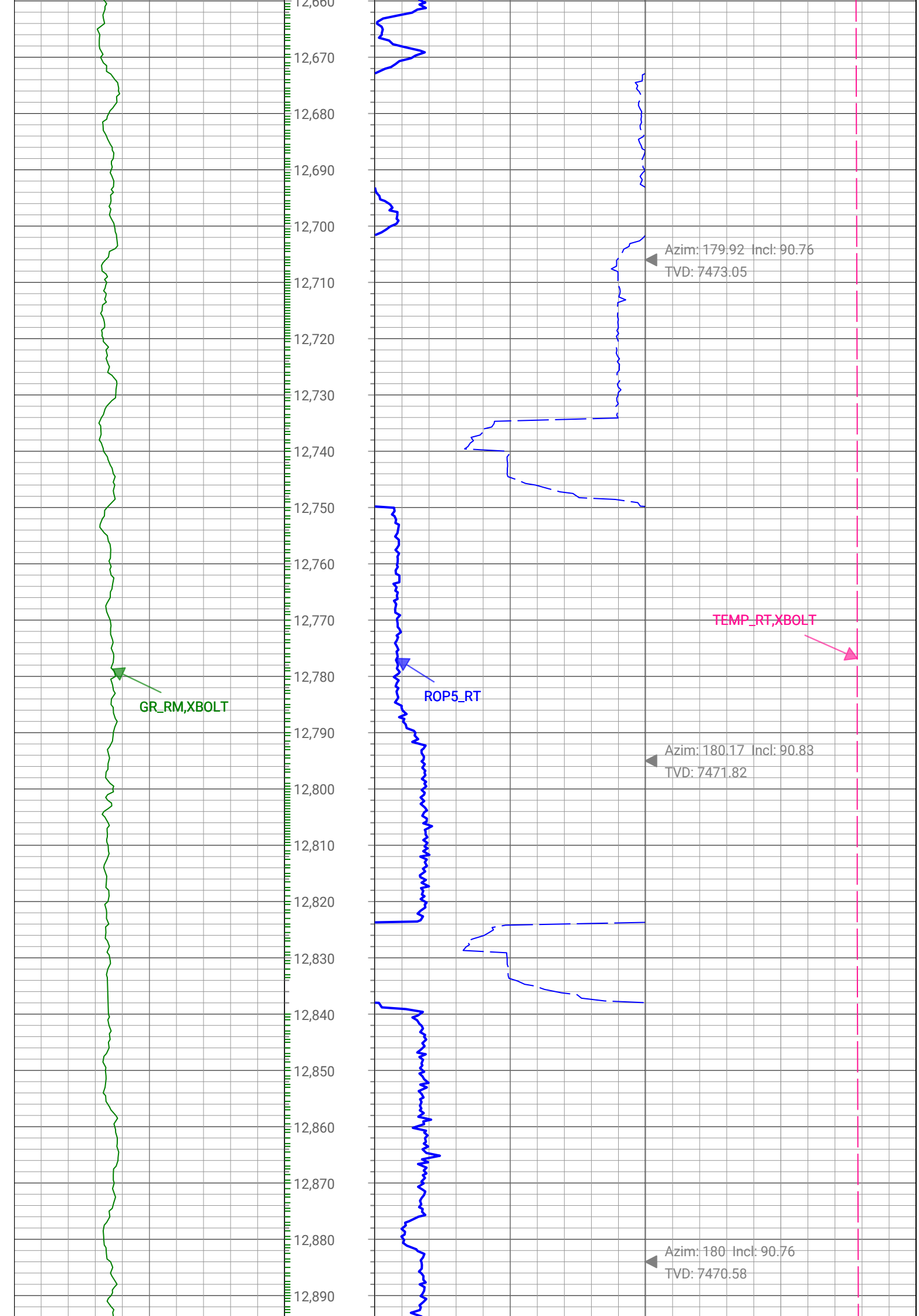
ROP5_RT
GR_RM,XBOLT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Azim: 179.92 Incl: 90.76
TVD: 7473.05
TEMP_RT,XBOLT
GR_RM,XBOLT
ROP5_RT
Azim: 180.17 Incl: 90.83
TVD: 7471.82
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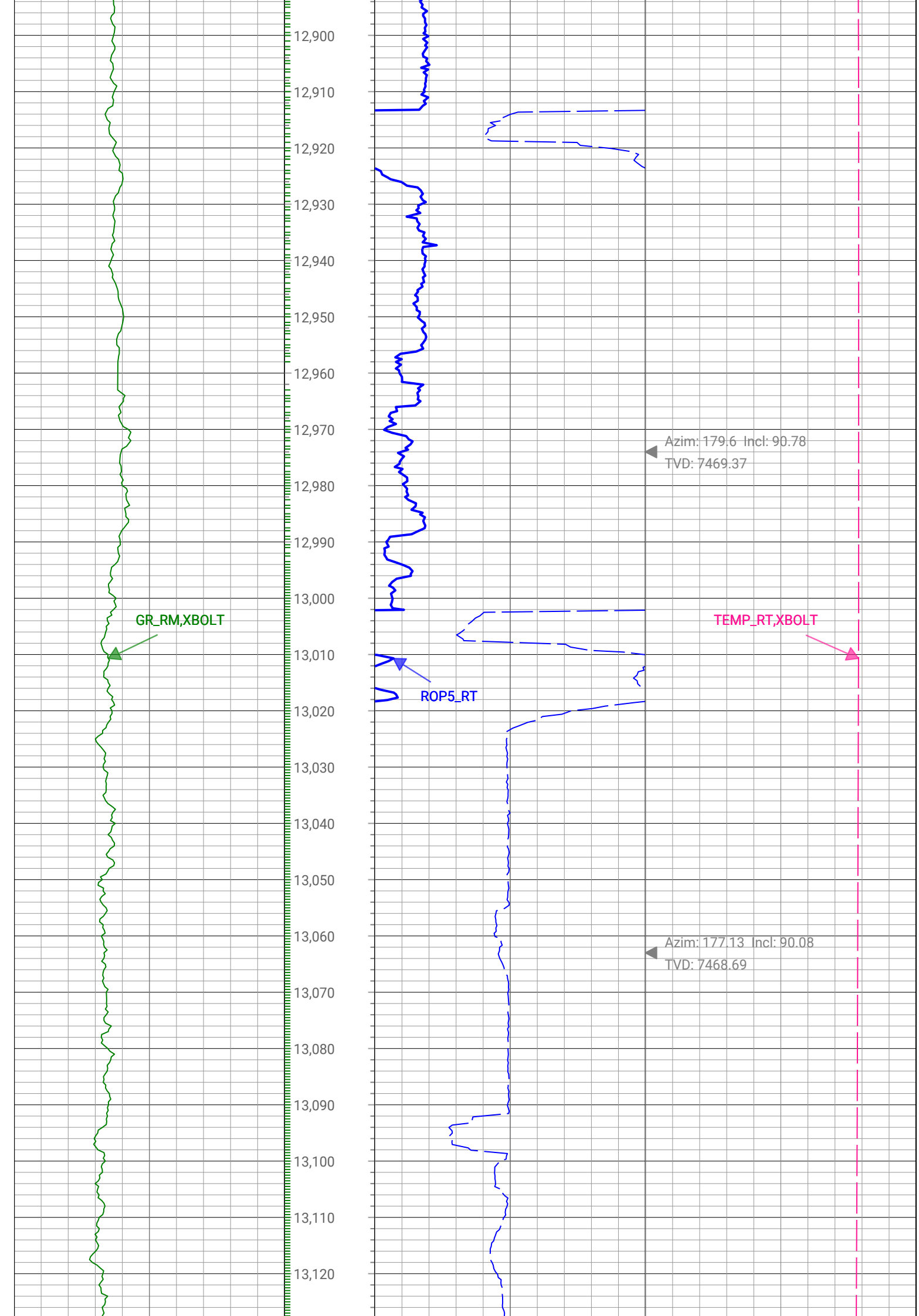
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Azim: 179.6 Incl: 90.78
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TEMP_RT,XBOLT
ROP5_RT
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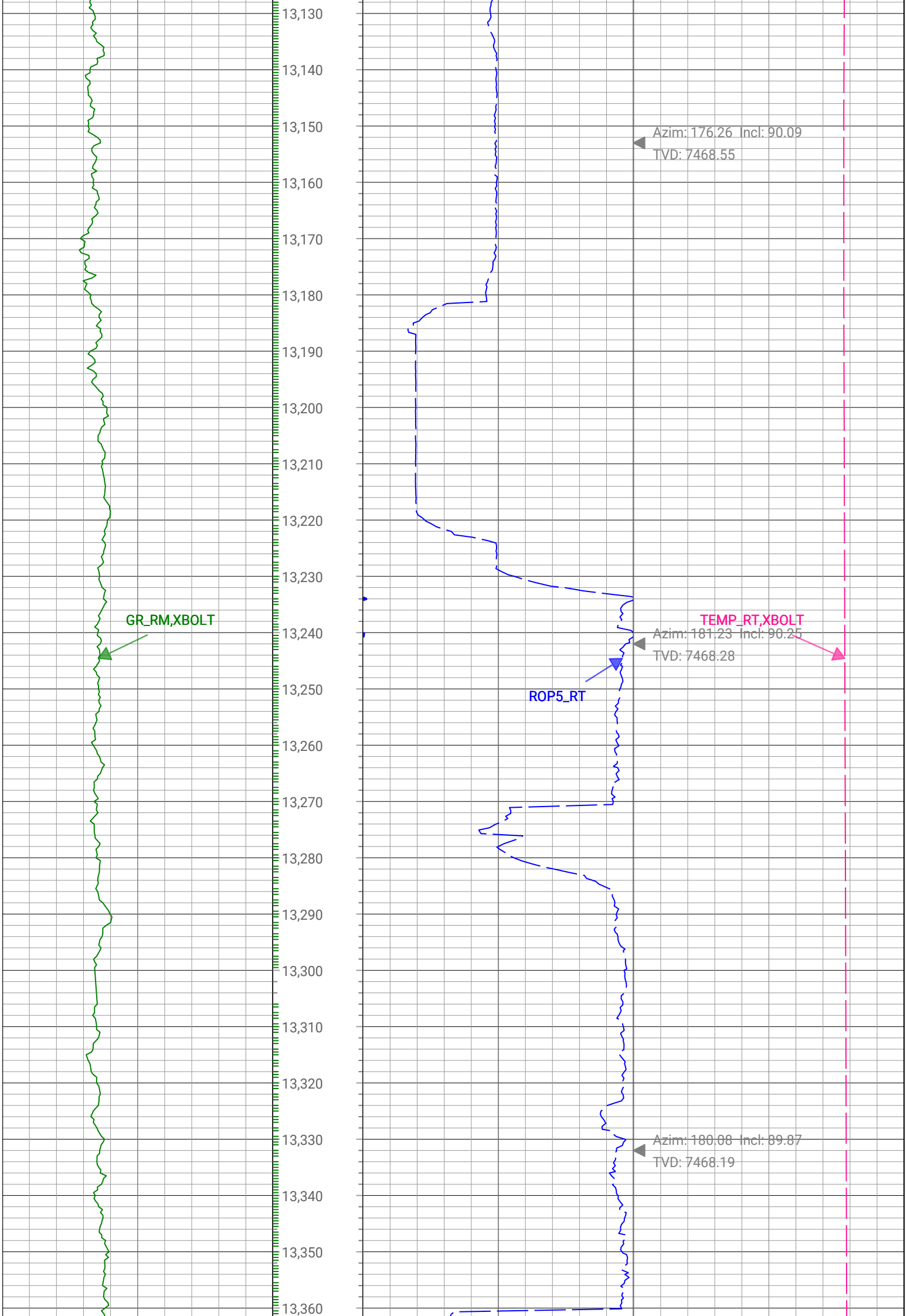
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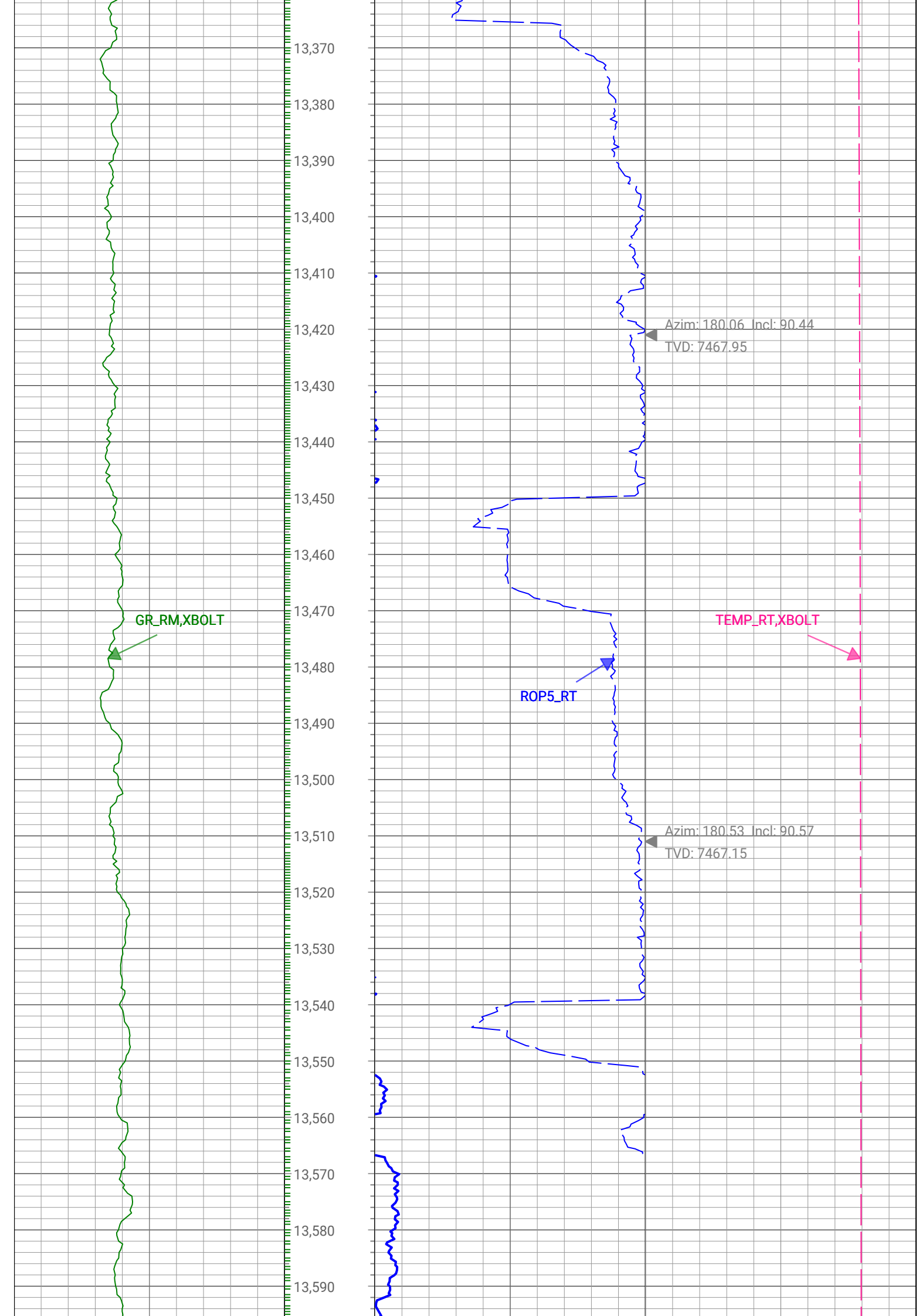
13,270
13,280
13,290
13,300
13,310
13,320
13,330
13,340
13,350
13,360
GR_RM,XBOLT
Azim: 176.26 Incl: 90.09
TVD: 7468.55
TEMP_RT,XBOLT
Azim: 181.23 Incl: 90.25
TVD: 7468.28
ROP5_RT
Azim: 180.08 Incl: 89.87
TVD: 7468.19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13,420
13,430
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13,450
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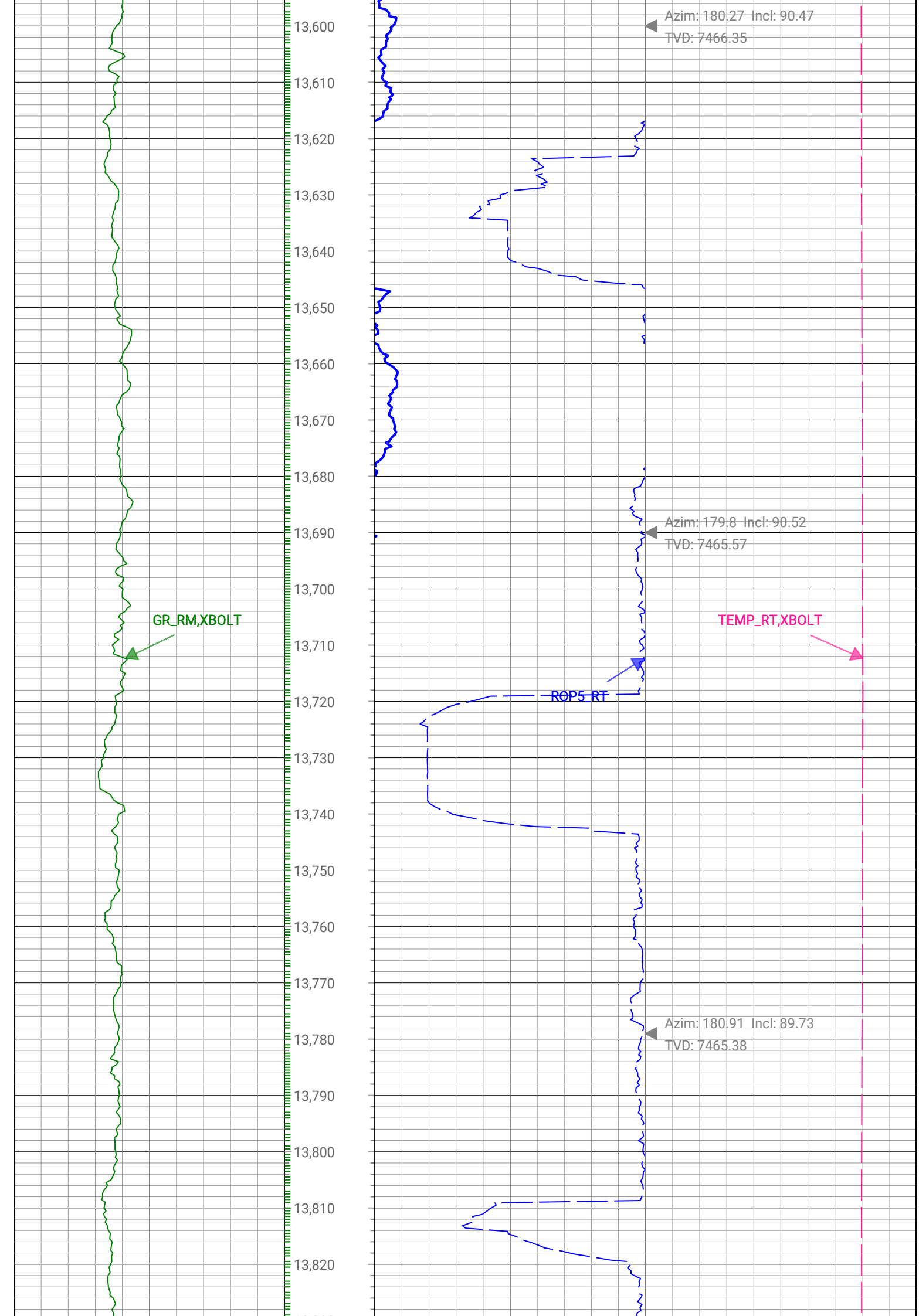
13,470
13,480
13,490
13,500
13,510
13,520
13,530
13,540
13,550
13,560
13,570
13,580
13,590
Azim: 180.06 Incl: 90.44
TVD: 7467.95
GR_RM,XBOLT
TEMP_RT,XBOLT
ROP5_RT
Azim: 180.53 Incl: 90.57
TVD: 7467.15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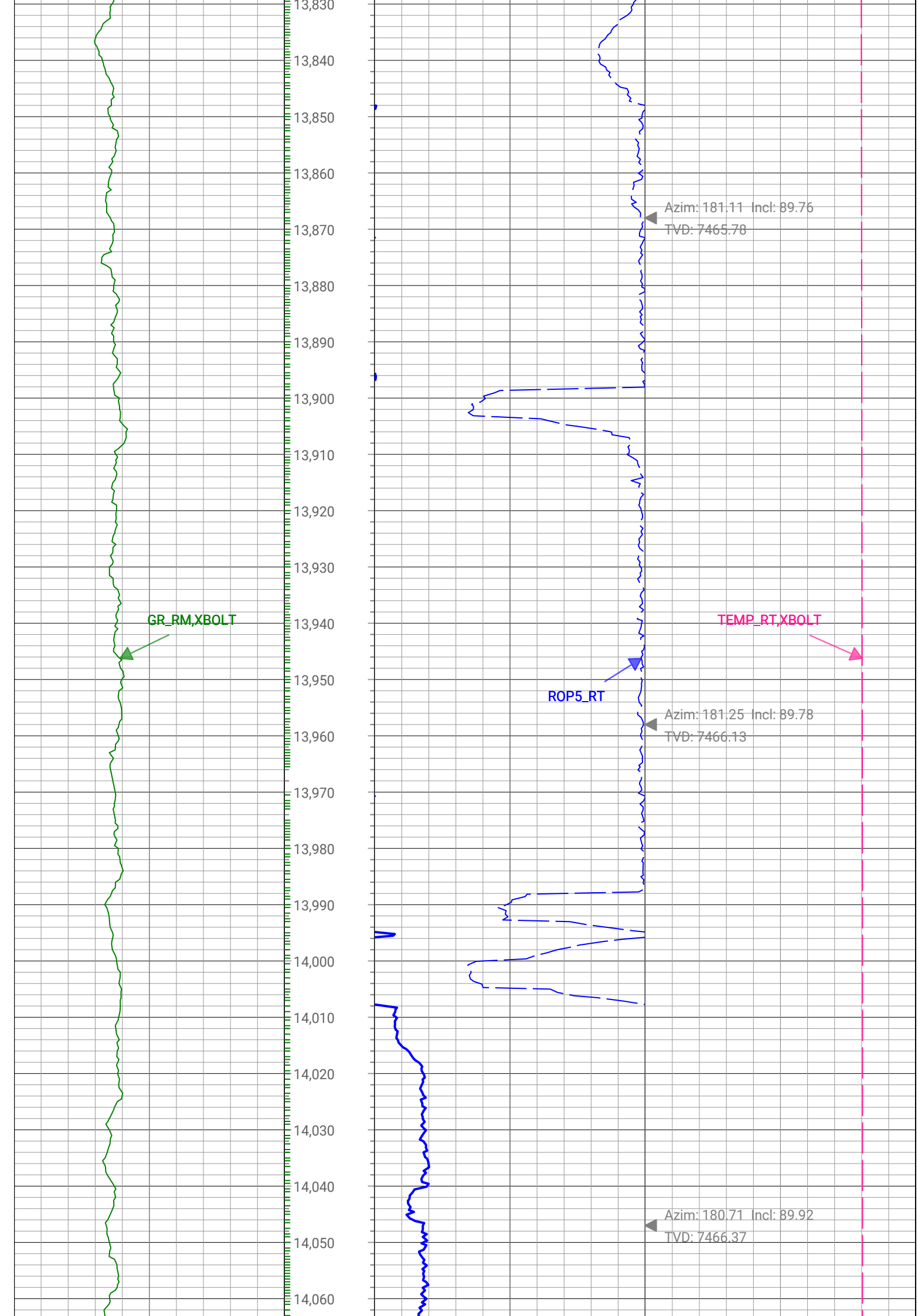
13,670
13,680
13,690
13,700
13,710
13,720
13,730
13,740
13,750
13,760
13,770
13,780
13,790
13,800
13,810
13,820
Azim: 180.27 Incl: 90.47
TVD: 7466.35
Azim: 179.8 Incl: 90.52
TVD: 7465.57
Azim: 180.91 Incl: 89.73
TVD: 7465.38
GR_RM,XBOLT
TEMP_RT,XBOLT
ROP5_RT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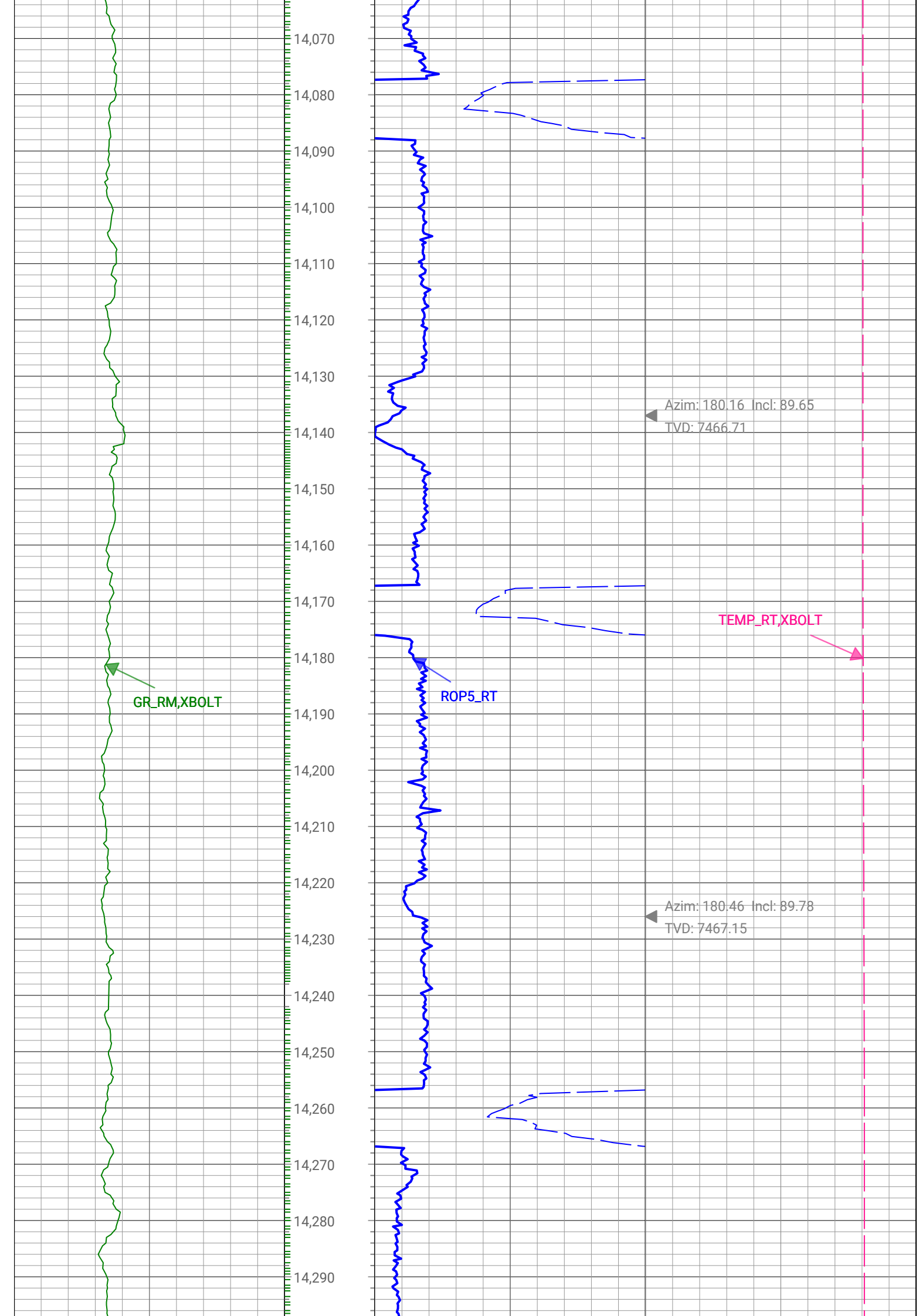
13,880
13,890
13,900
13,910
13,920
13,930
13,940
13,950
13,960
13,970
13,980
13,990
14,000
14,010
14,020
14,030
14,040
14,050
14,060
GR_RM,XBOLT
TEMP_RT,XBOLT
ROP5_RT
Azim: 181.11 Incl: 89.76
TVD: 7465.78
Azim: 181.25 Incl: 89.78
TVD: 7466.13
Azim: 180.71 Incl: 89.92
TVD: 7466.37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14,180
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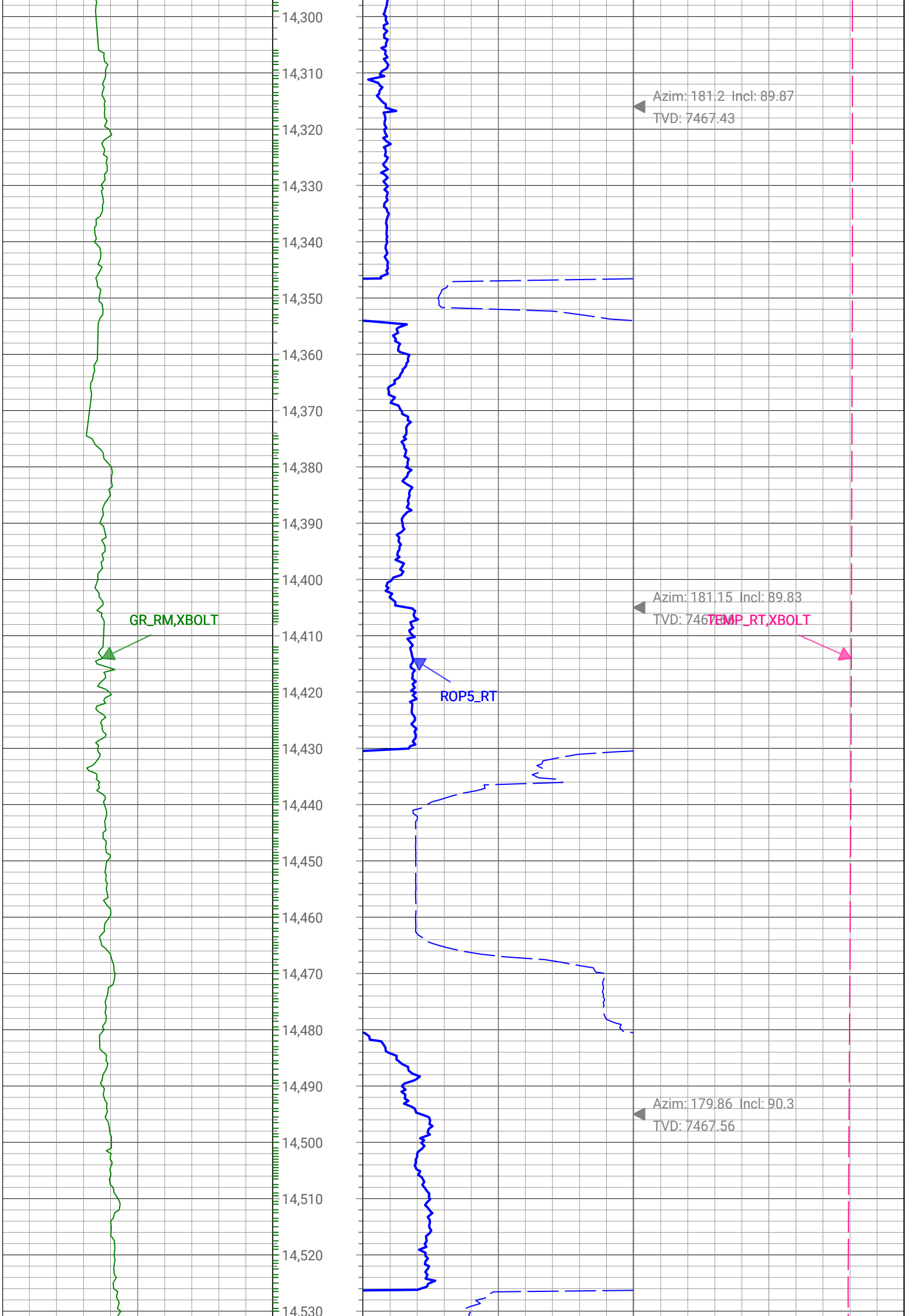
14,200
14,210
14,220
14,230
14,240
14,250
14,260
14,270
14,280
14,290
Azim: 180.16 Incl: 89.65
TVD: 7466.71
Azim: 180.46 Incl: 89.78
TVD: 7467.15
TEMP_RT,XBOLT
ROP5_RT
GR_RM,XBOLT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14,380
14,390
14,400
14,410
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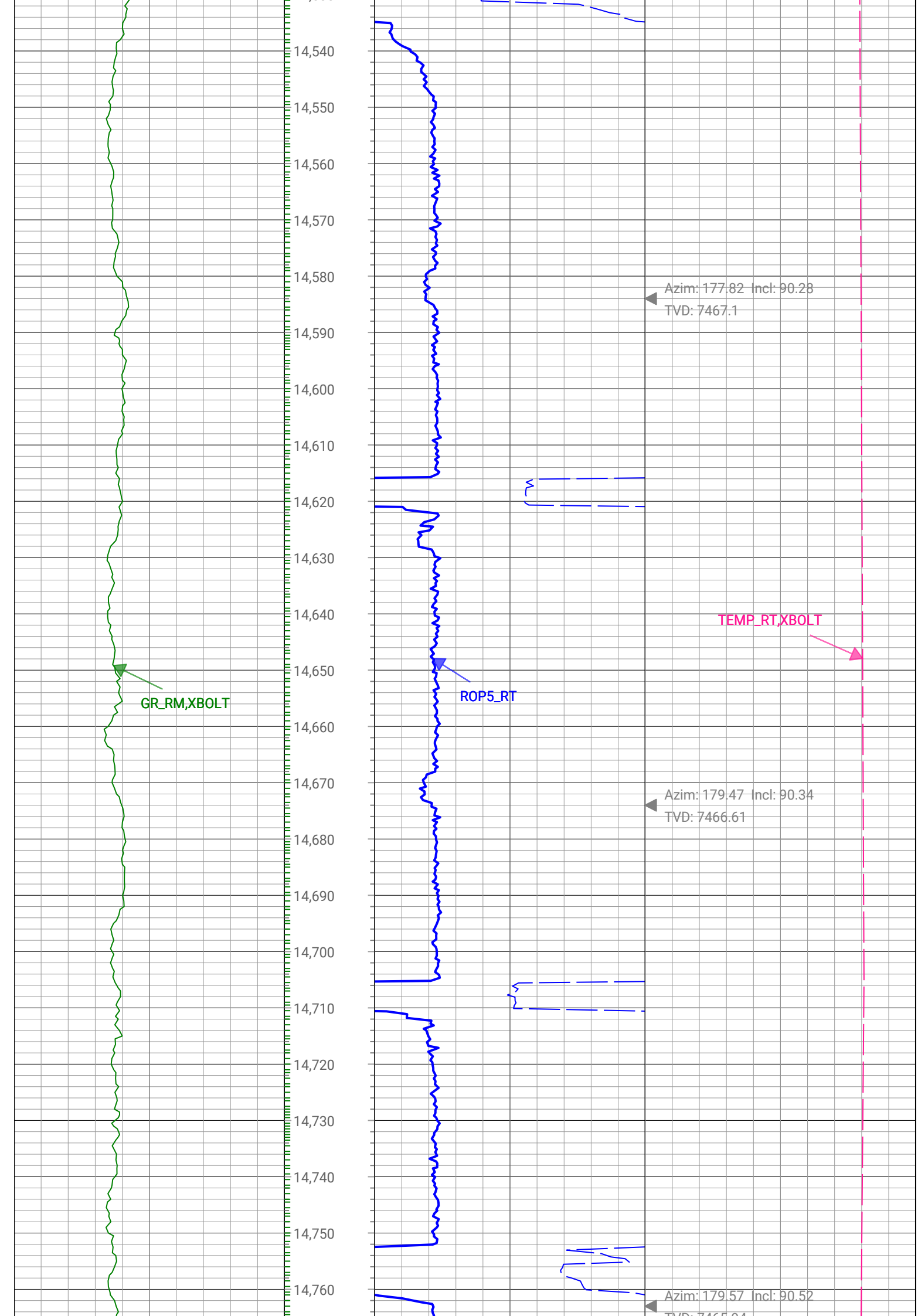
14,430
14,440
14,450
14,460
14,470
14,480
14,490
14,500
14,510
14,520
14,530
Azim: 181.2 Incl: 89.87
TVD: 7467.43
Azim: 181.15 Incl: 89.83
GR_RM,XBOLT
TEMP_RT,XBOLT
ROP5_RT
Azim: 179.86 Incl: 90.3
TVD: 7467.56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14,650
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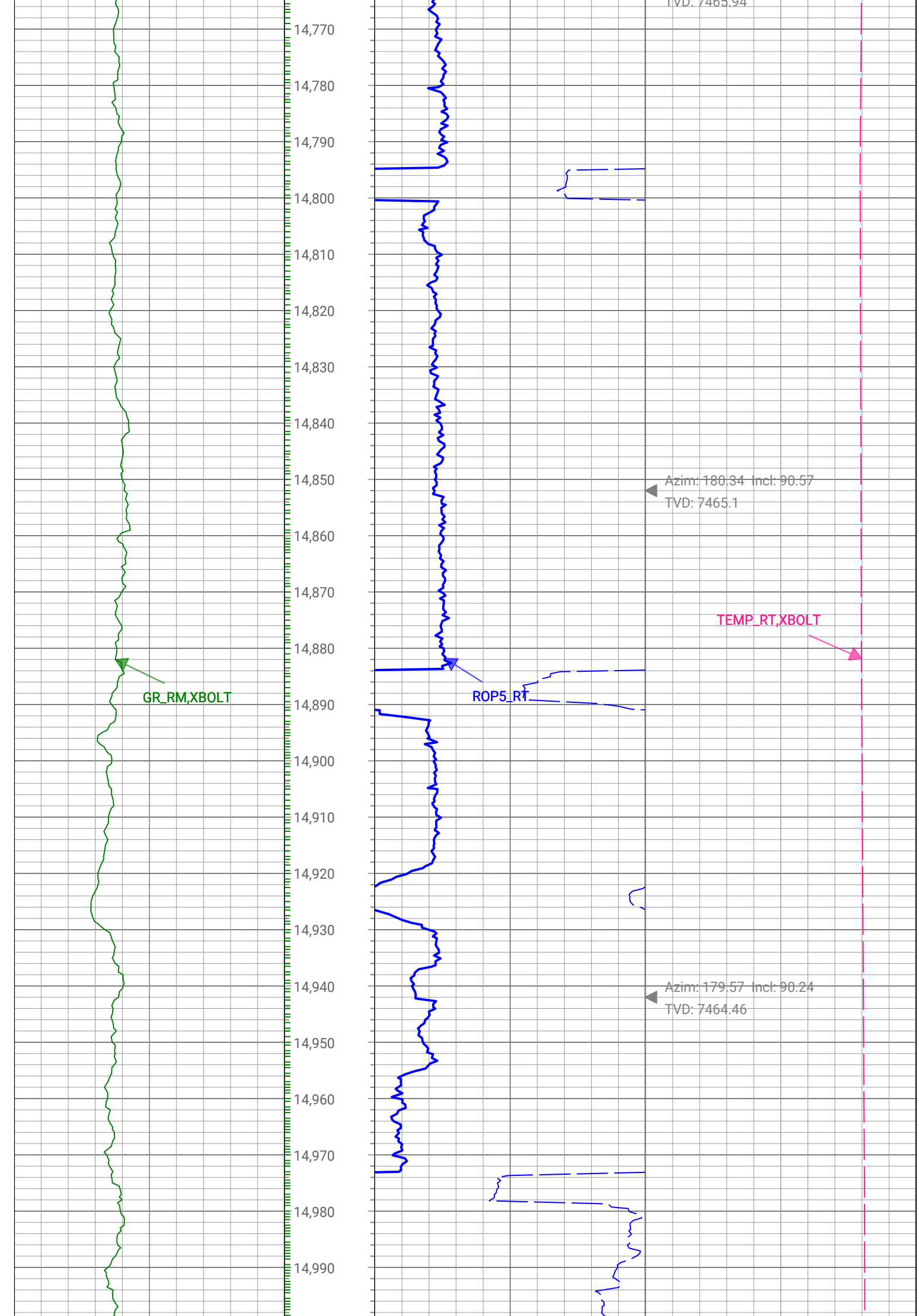
14,670
14,680
14,690
14,700
14,710
14,720
14,730
14,740
14,750
14,760
Azim: 177.82 Incl: 90.28
TVD: 7467.1
TEMP_RT,XBOLT
GR_RM,XBOLT
ROP5_RT
Azim: 179.47 Incl: 90.34
TVD: 7466.61
Azim: 179.57 Incl: 90.52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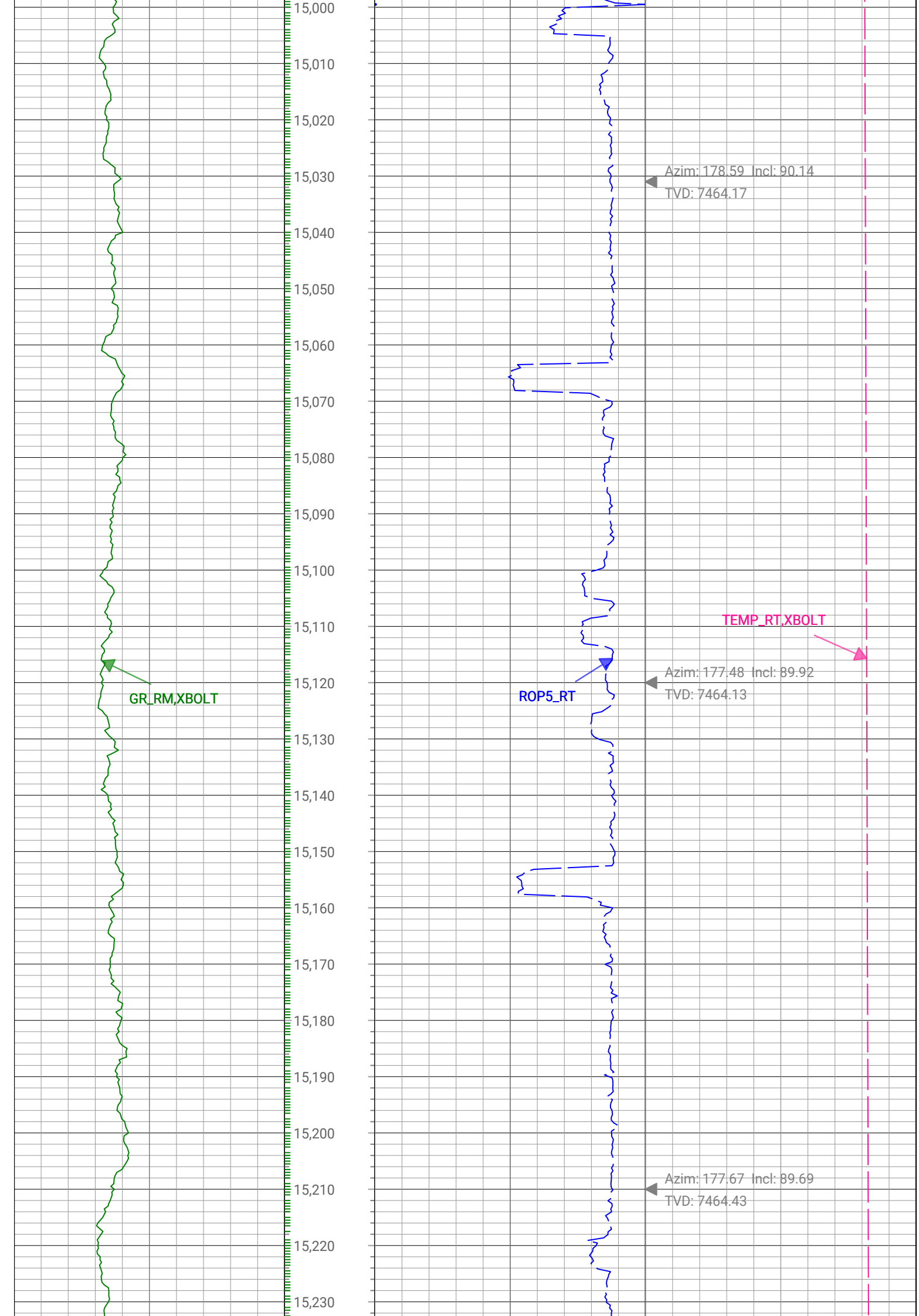
14,820
14,830
14,840
14,850
14,860
14,870
14,880
14,890
14,900
14,910
14,920
14,930
14,940
14,950
14,960
14,970
14,980
14,990
TVD: 7465.94
Azim: 180.34 Incl: 90.57
TVD: 7465.1
TEMP_RT,XBOLT
GR_RM,XBOLT
ROP5_RT
Azim: 179.57 Incl: 90.24
TVD: 7464.46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15,050
15,060
15,070
15,080
15,090
15,100
15,110
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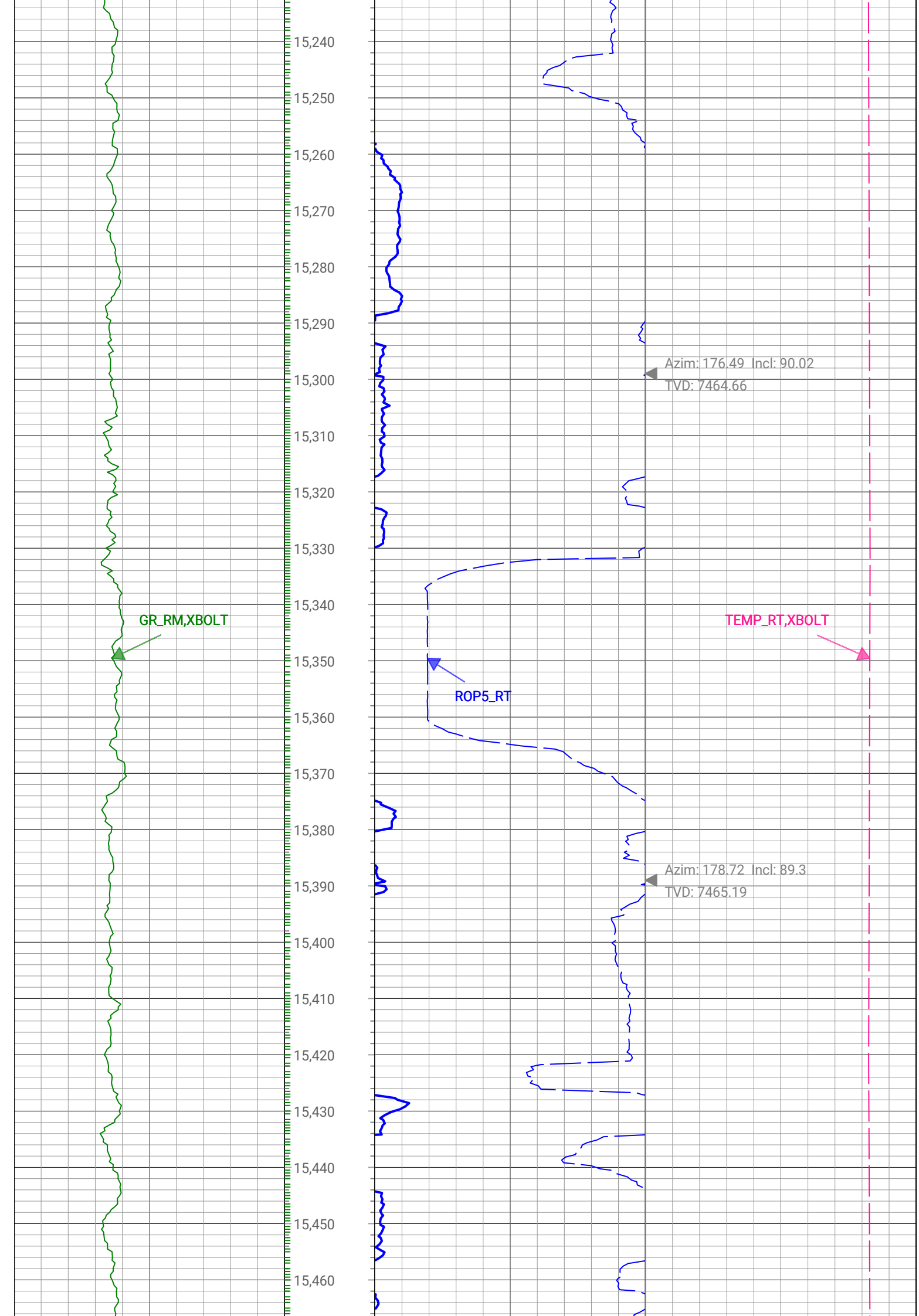
15,130
15,140
15,150
15,160
15,170
15,180
15,190
15,200
15,210
15,220
15,230
Azim: 178.59 Incl: 90.14
TVD: 7464.17
TEMP_RT,XBOLT
Azim: 177.48 Incl: 89.92
TVD: 7464.13
GR_RM,XBOLT
ROP5_RT
Azim: 177.67 Incl: 89.69
TVD: 7464.43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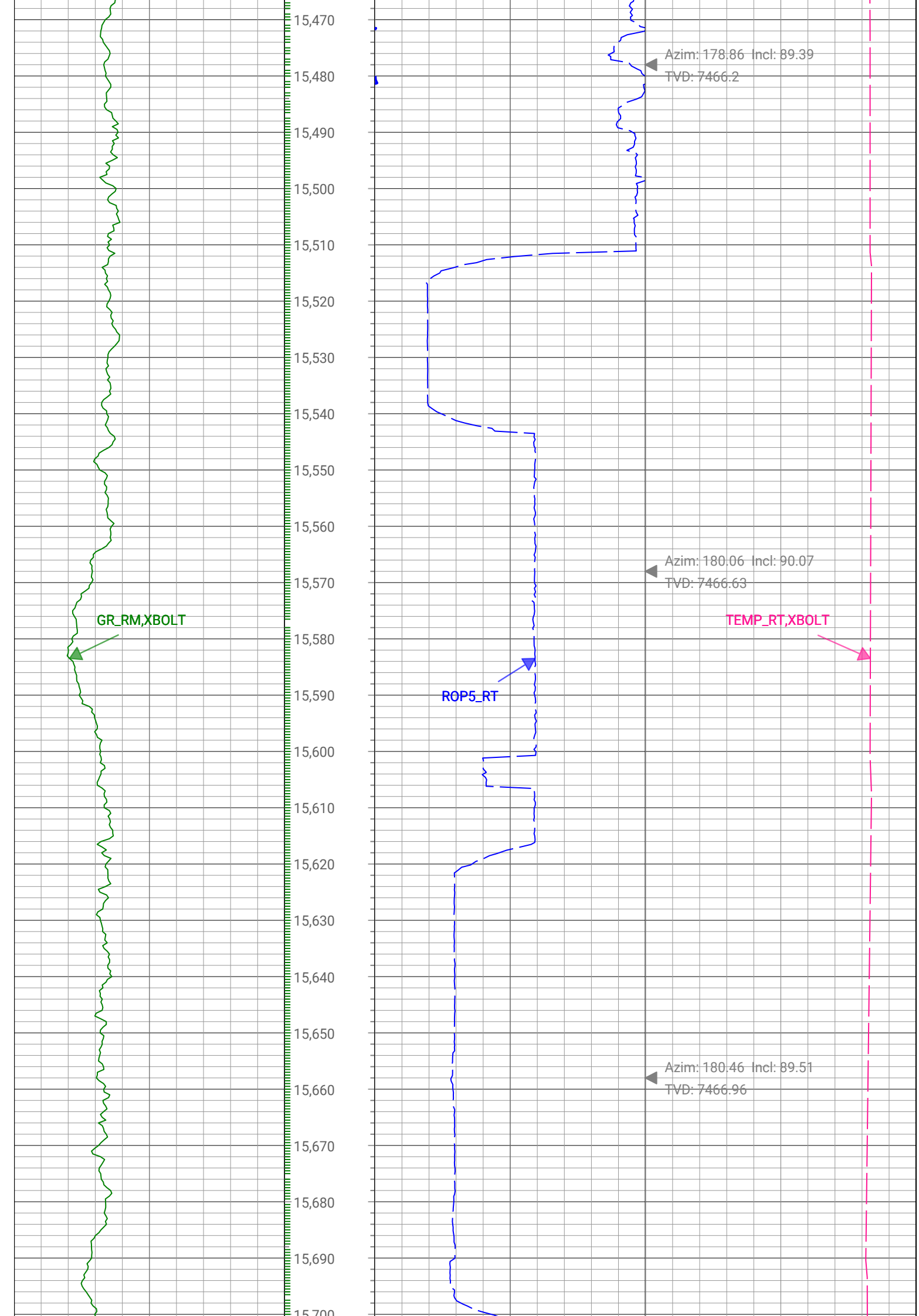
15,320
15,330
15,340
15,350
15,360
15,370
15,380
15,390
15,400
15,410
15,420
15,430
15,440
15,450
15,460
Azim: 176.49 Incl: 90.02
TVD: 7464.66
GR_RM,XBOLT
TEMP_RT,XBOLT
ROP5_RT
Azim: 178.72 Incl: 89.3
TVD: 7465.19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15,480
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15,510
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15,530
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15,550
15,560
15,570
15,580
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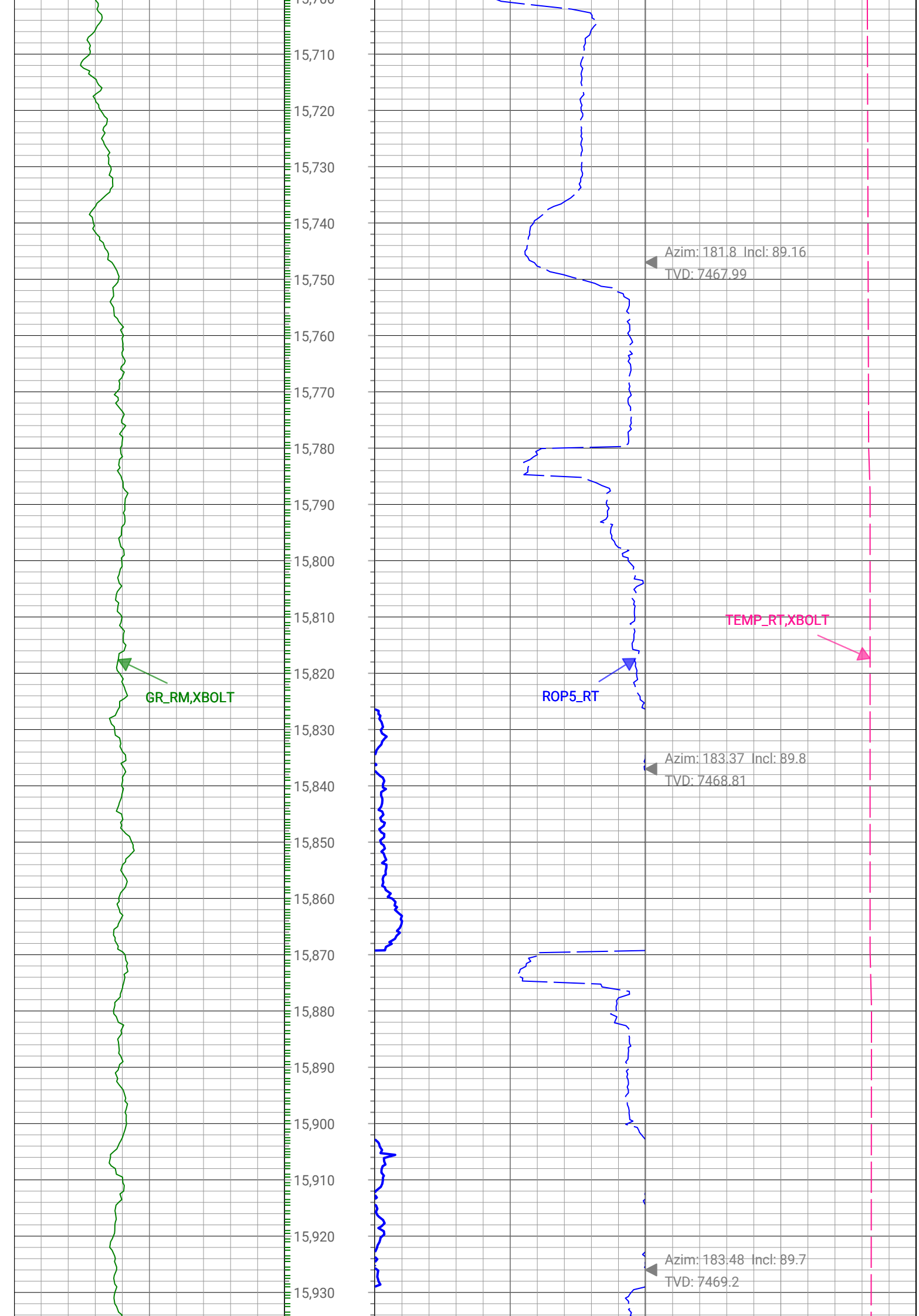
15,600
15,610
15,620
15,630
15,640
15,650
15,660
15,670
15,680
15,690
15,700
Azim: 178.86 Incl: 89.39
TVD: 7466.2
Azim: 180.06 Incl: 90.07
TVD: 7466.63
Azim: 180.46 Incl: 89.51
TVD: 7466.96
GR_RM,XBOLT
ROP5_RT
TEMP_RT,XBOLT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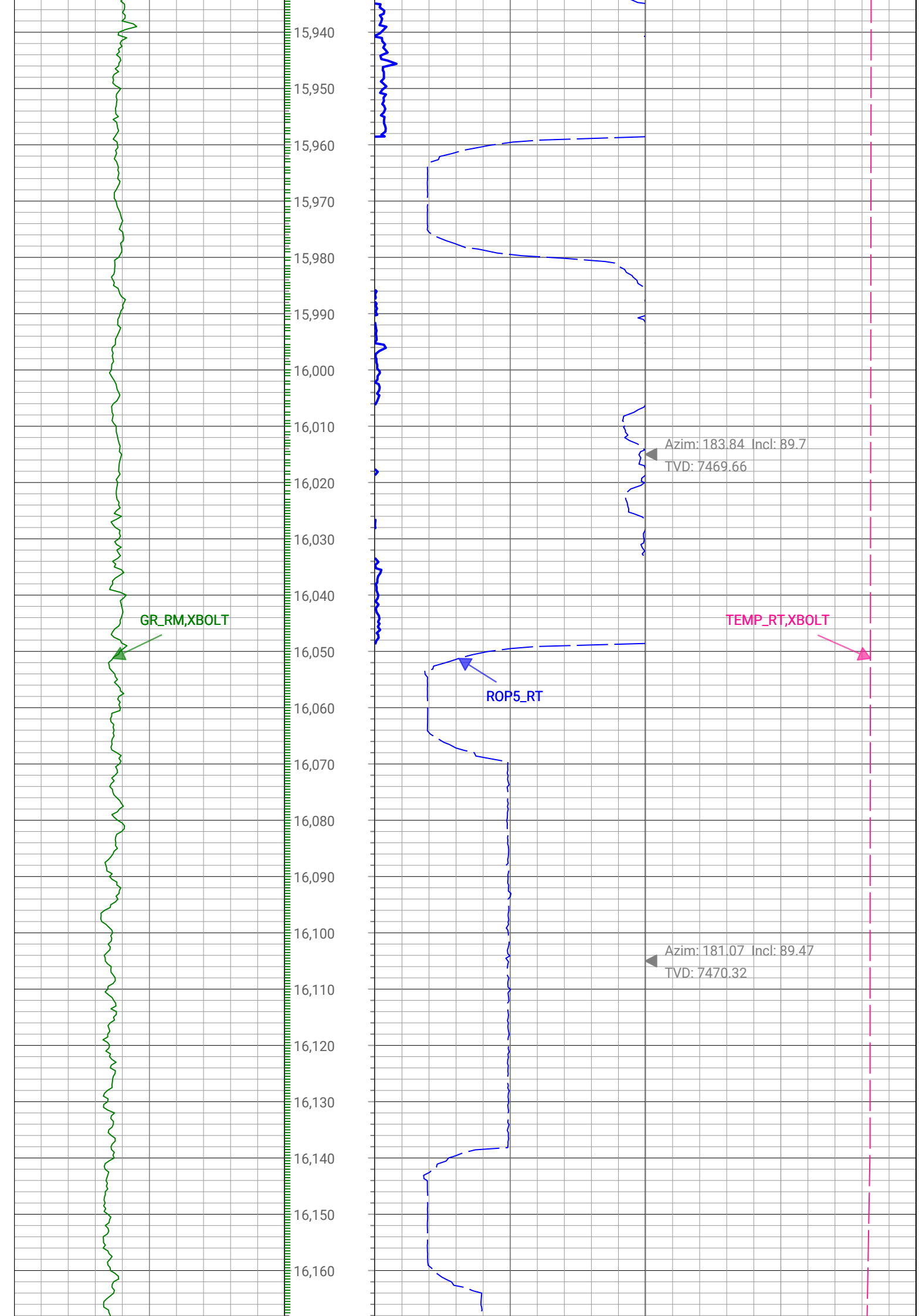
15,770
15,780
15,790
15,800
15,810
15,820
15,830
15,840
15,850
15,860
15,870
15,880
15,890
15,900
15,910
15,920
15,930
Azim: 181.8 Incl: 89.16
TVD: 7467.99
Azim: 183.37 Incl: 89.8
TVD: 7468.81
Azim: 183.48 Incl: 89.7
TVD: 7469.2
GR_RM,XBOLT
ROP5_RT
TEMP_RT,XBOLT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15,980
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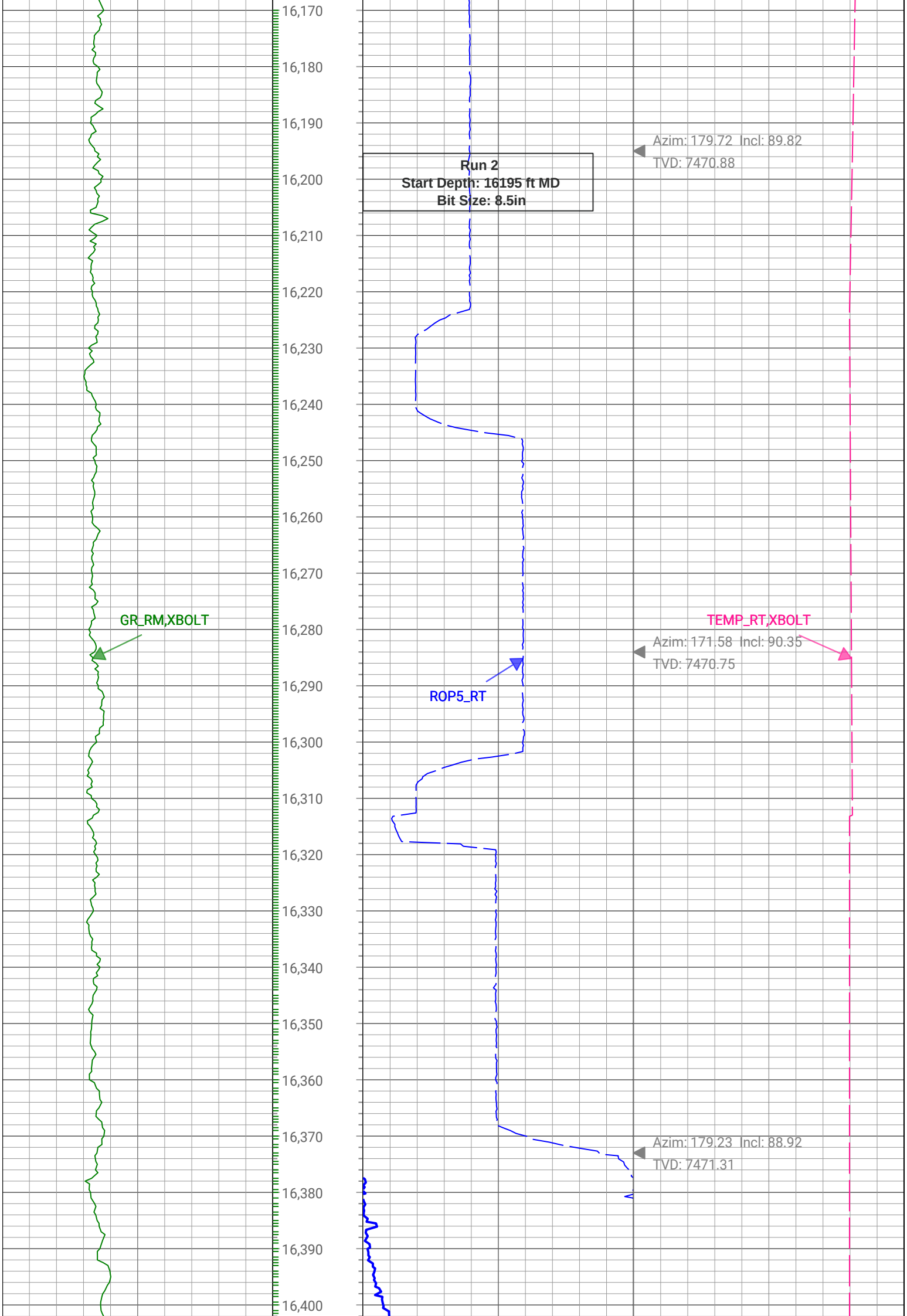
16,020
16,030
16,040
16,050
16,060
16,070
16,080
16,090
16,100
16,110
16,120
16,130
16,140
16,150
16,160
GR_RM,XBOLT
ROP5_RT
TEMP_RT,XBOLT
Azim: 183.84 Incl: 89.7
TVD: 7469.66
Azim: 181.07 Incl: 89.47
TVD: 7470.32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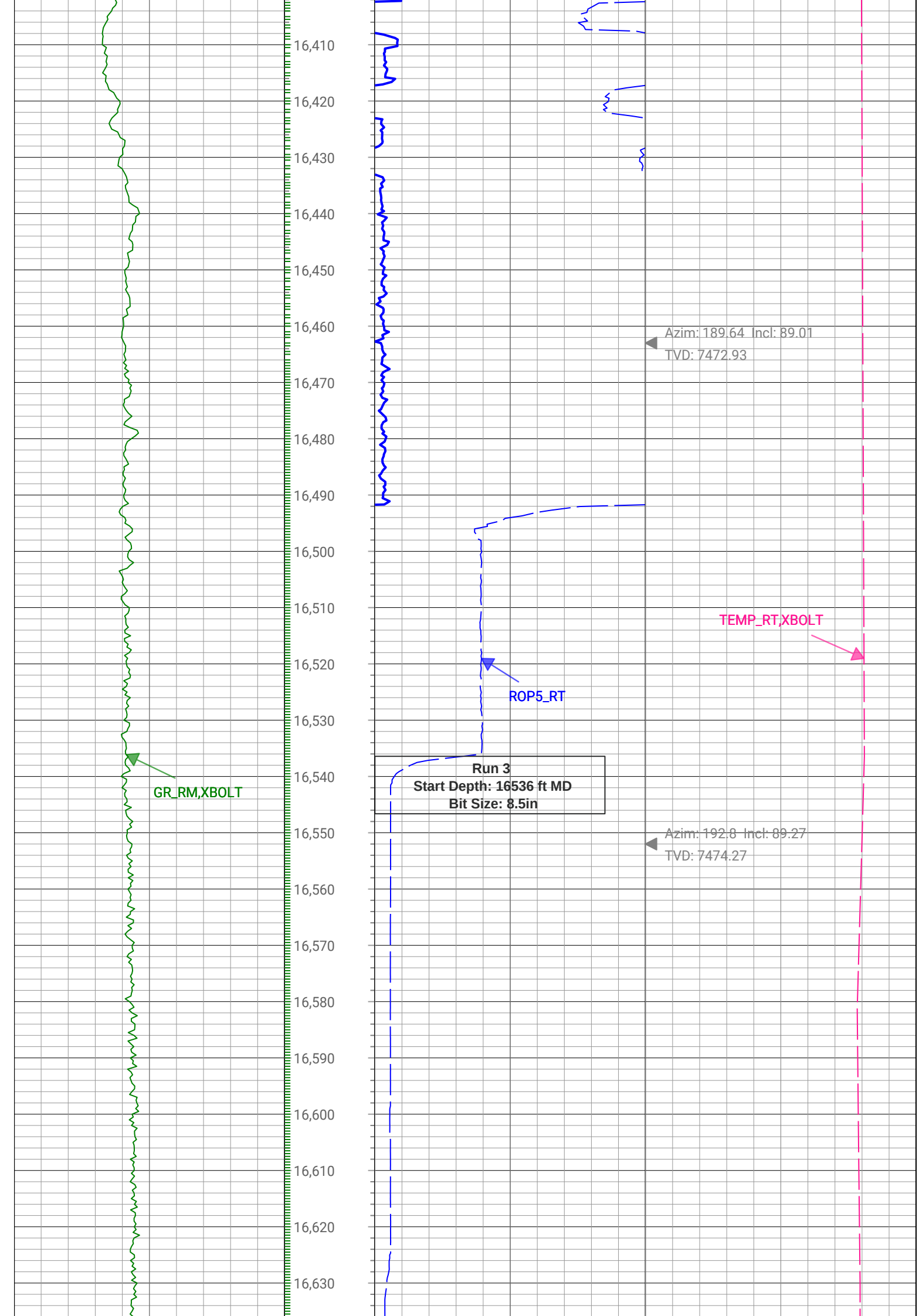
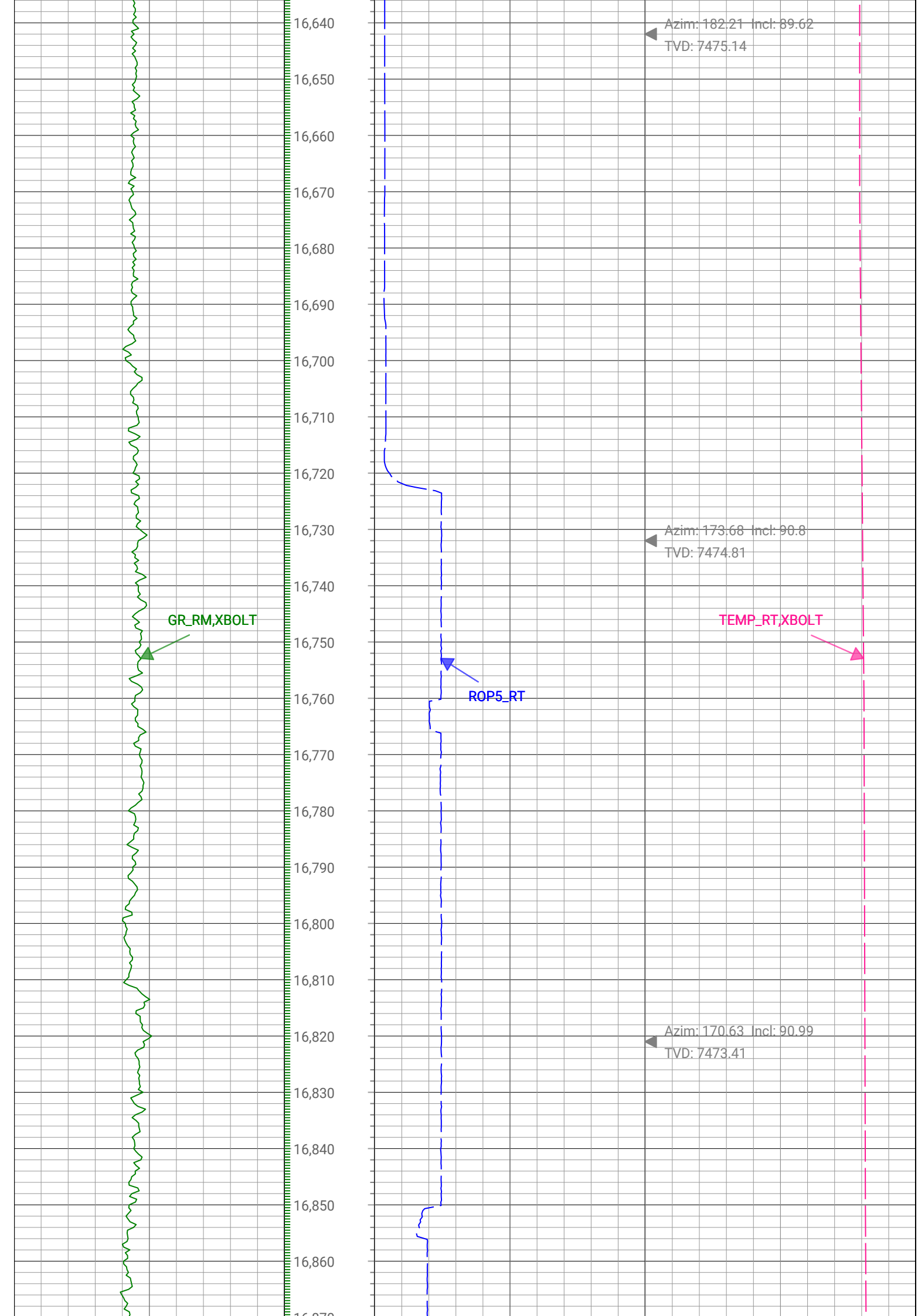
16,180
16,190
16,200
16,210
16,220
16,230
16,240
16,250
16,260
16,270
16,280
16,290
16,300
16,310
16,320
16,330
16,340
16,350
16,360
16,370
16,380
16,390
16,400
Run 2
Start Depth: 16195 ft MD
Bit Size: 8.5in
Azim: 179.72 Incl: 89.82
TVD: 7470.88
GR_RM,XBOLT
TEMP_RT,XBOLT
Azim: 171.58 Incl: 90.35
TVD: 7470.75
ROP5_RT
Azim: 179.23 Incl: 88.92
TVD: 7471.31


16,410
16,420
16,430
16,440
16,450
16,460
16,470
16,480
16,490
16,500
16,510
16,520
16,530
16,540
16,550
16,560
16,570
16,580
16,590
16,600
16,610
16,620
16,630
Azim: 189.64 Incl: 89.01
TVD: 7472.93
TEMP_RT,XBOLT
ROP5_RT
GR_RM,XBOLT
Run 3
Start Depth: 16536 ft MD
Bit Size: 8.5in
Azim: 192.8 Incl: 89.27
TVD: 7474.27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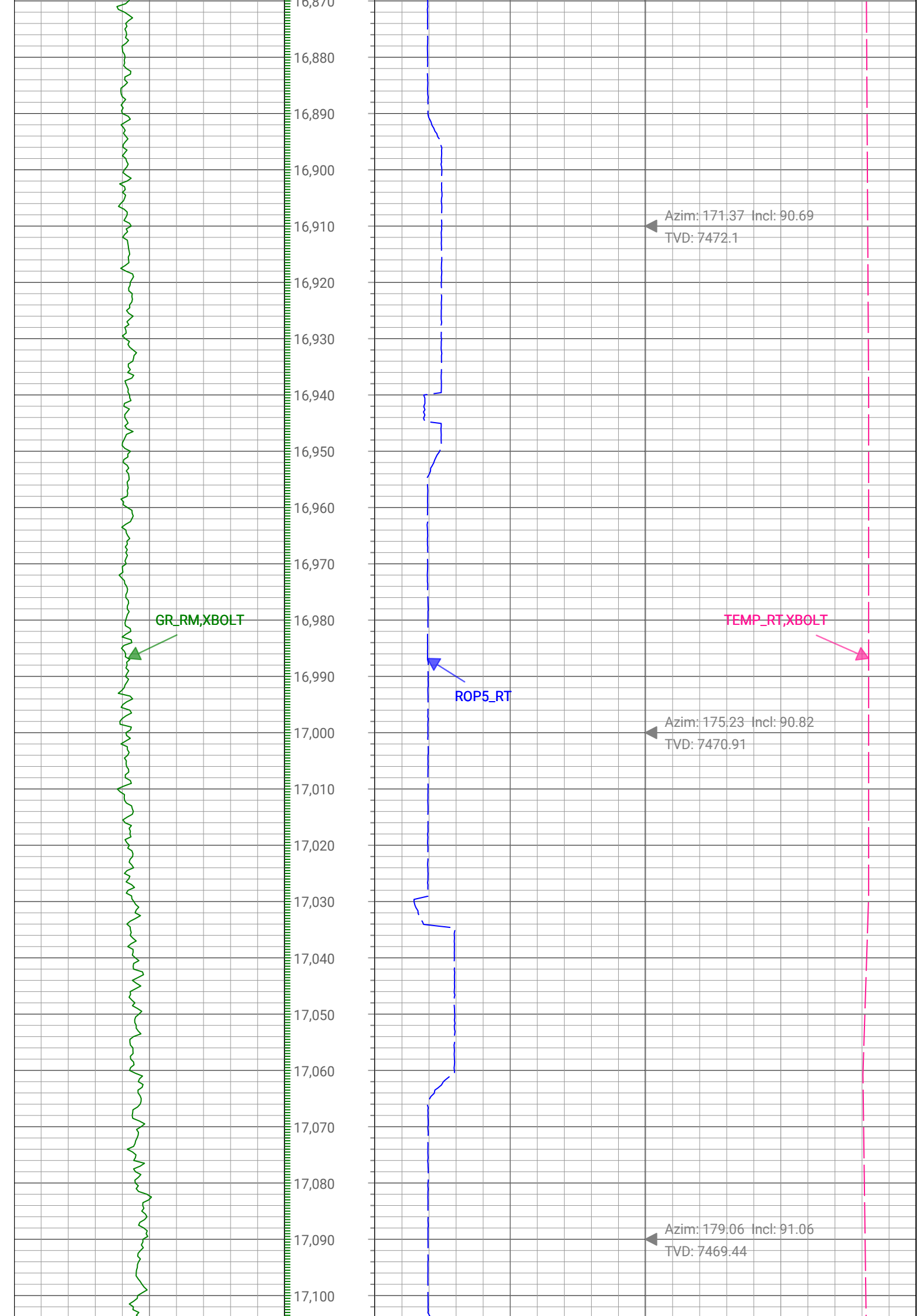
16,680
16,690
16,700
16,710
16,720
16,730
16,740
16,750
16,760
16,770
16,780
16,790
16,800
16,810
16,820
16,830
16,840
16,850
16,860
Azim: 182.21 Incl: 89.62
TVD: 7475.14
Azim: 173.68 Incl: 90.8
TVD: 7474.81
Azim: 170.63 Incl: 90.99
TVD: 7473.41
GR_RM,XBOLT
ROP5_RT
TEMP_RT,XBOLT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16,880
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16,920
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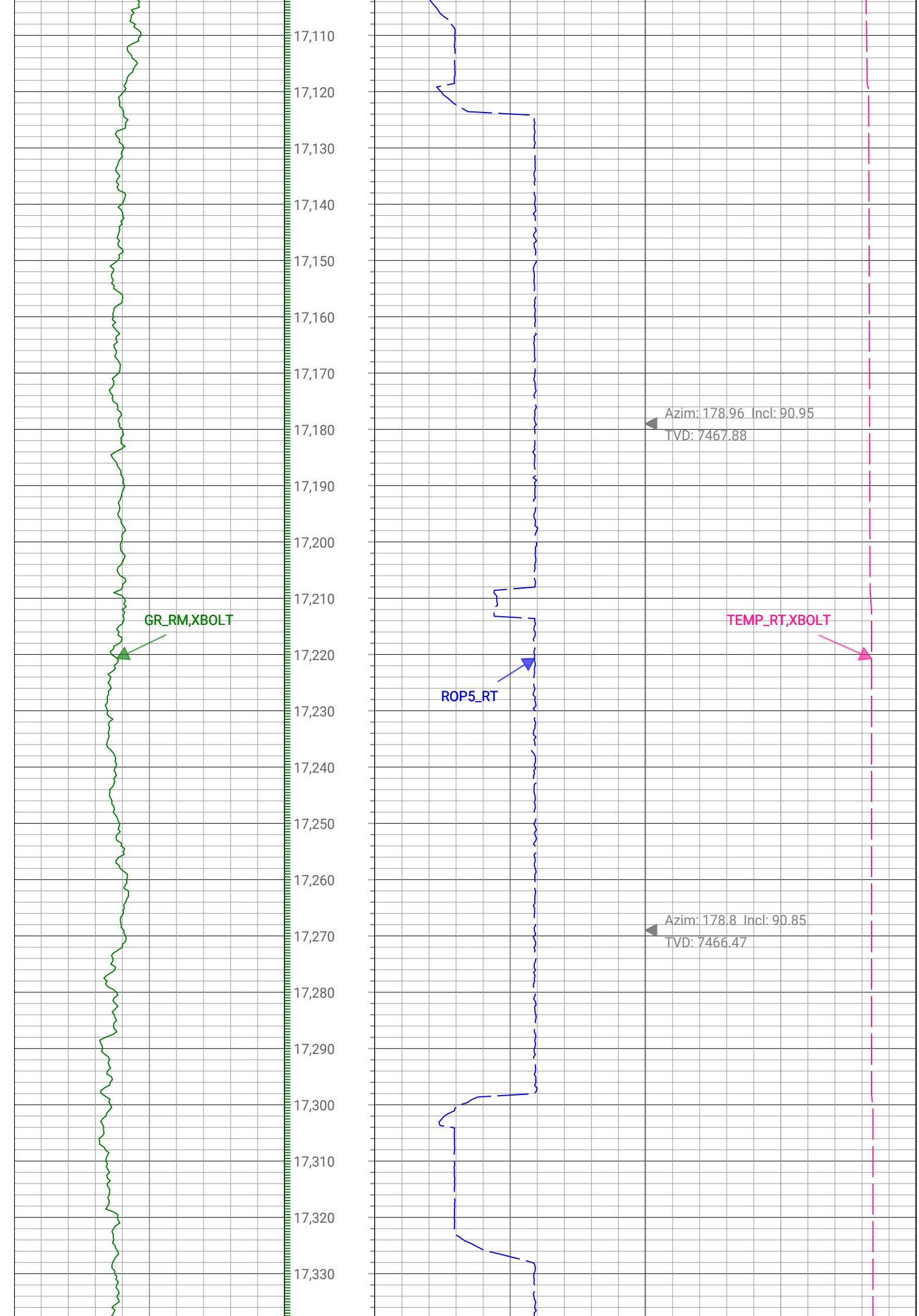
16,940
16,950
16,960
16,970
16,980
16,990
17,000
17,010
17,020
17,030
17,040
17,050
17,060
17,070
17,080
17,090
17,100
GR_RM,XBOLT
ROP5_RT
TEMP_RT,XBOLT
Azim: 171.37 Incl: 90.69
TVD: 7472.1
Azim: 175.23 Incl: 90.82
TVD: 7470.91
Azim: 179.06 Incl: 91.06
TVD: 7469.44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17,130
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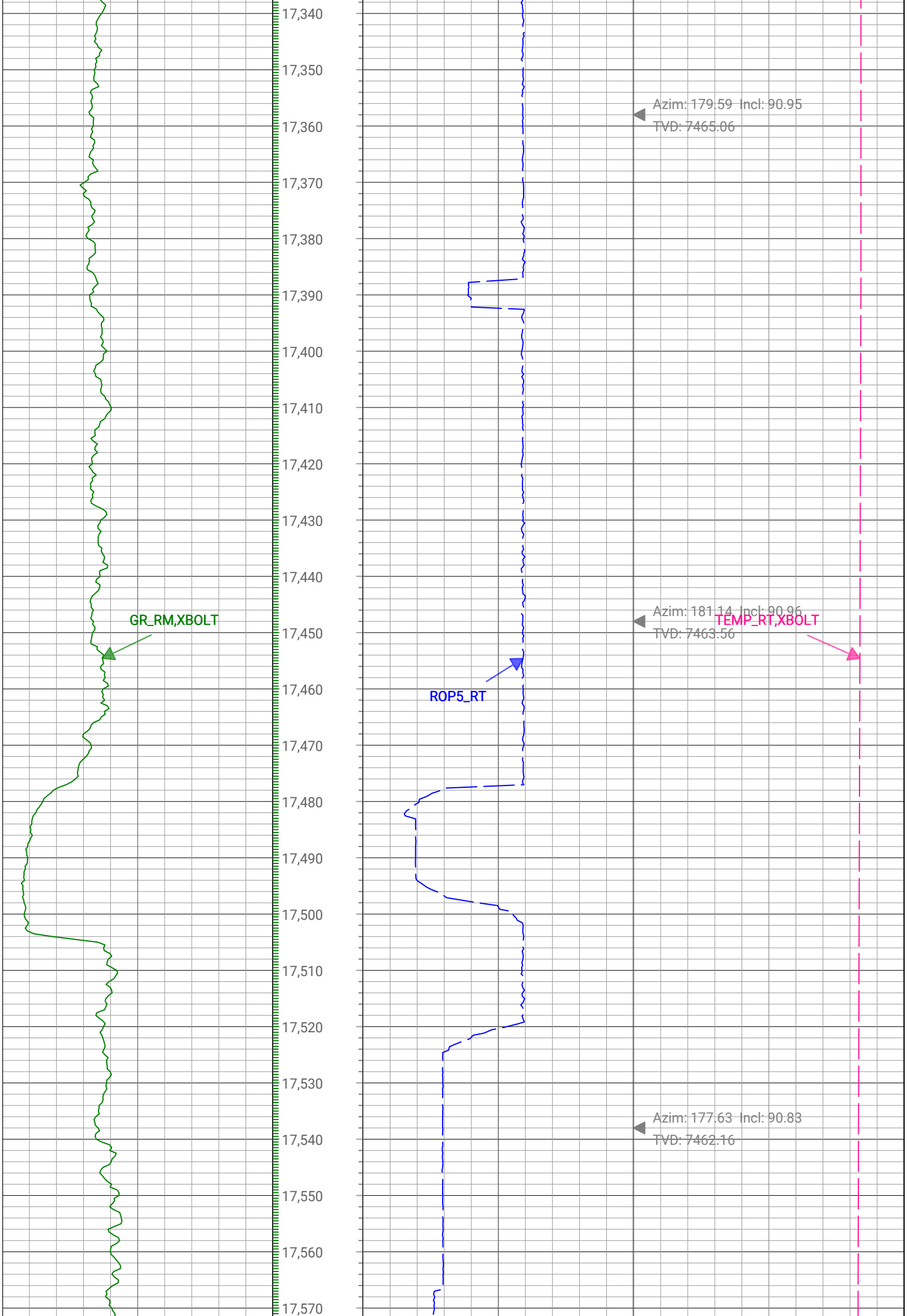
17,150
17,160
17,170
17,180
17,190
17,200
17,210
17,220
17,230
17,240
17,250
17,260
17,270
17,280
17,290
17,300
17,310
17,320
17,330
Azim: 178.96 Incl: 90.95
TVD: 7467.88
GR_RM,XBOLT
TEMP_RT,XBOLT
ROP5_RT
Azim: 178.8 Incl: 90.85
TVD: 7466.47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17,450
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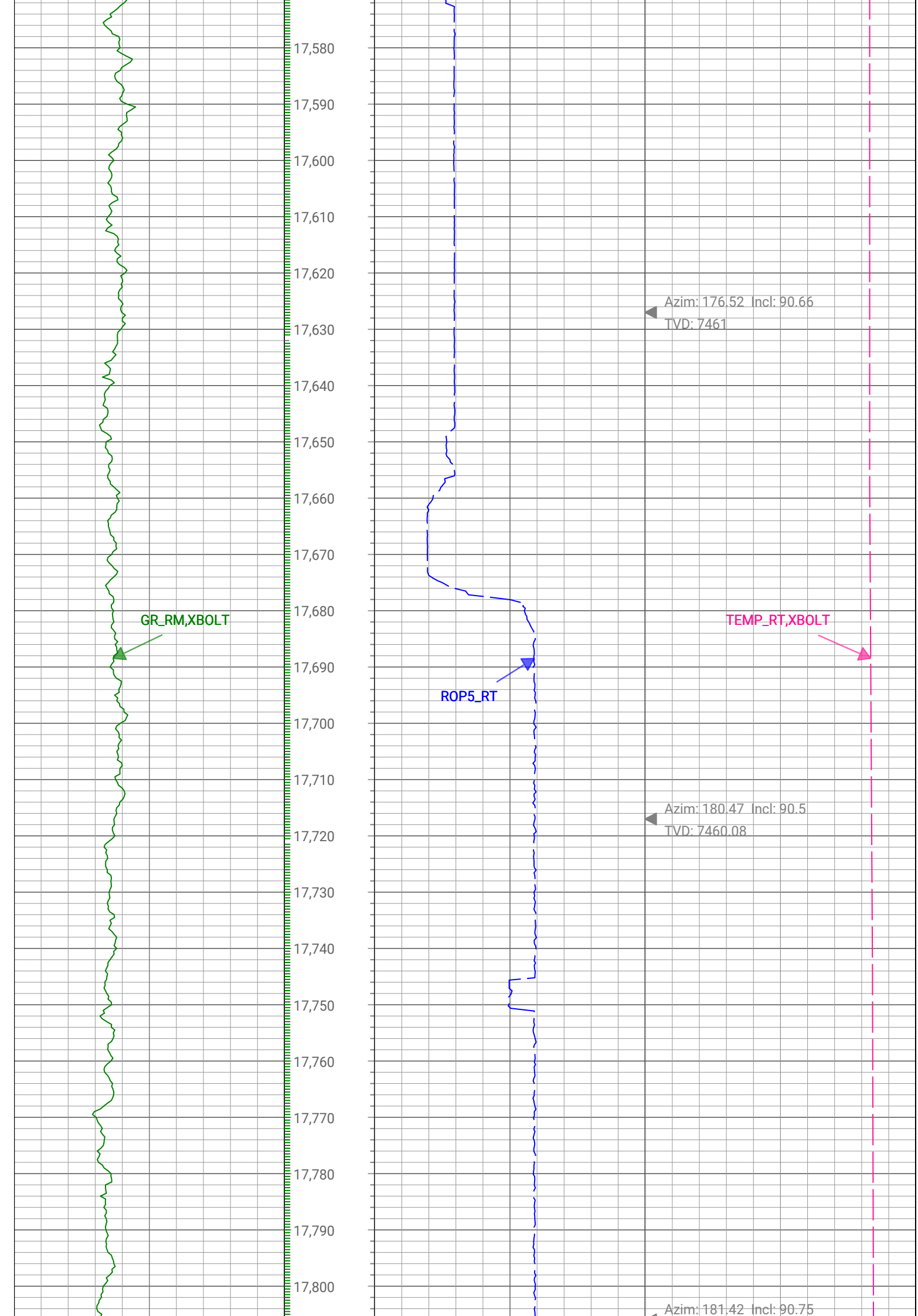
17,470
17,480
17,490
17,500
17,510
17,520
17,530
17,540
17,550
17,560
17,570
Azim: 179.59 Incl: 90.95
TVD: 7465.06
Azim: 181.14 Incl: 90.96
TVD: 7463.56
Azim: 177.63 Incl: 90.83
TVD: 7462.16
GR_RM,XBOLT
ROP5_RT
TEMP_RT,XBOLT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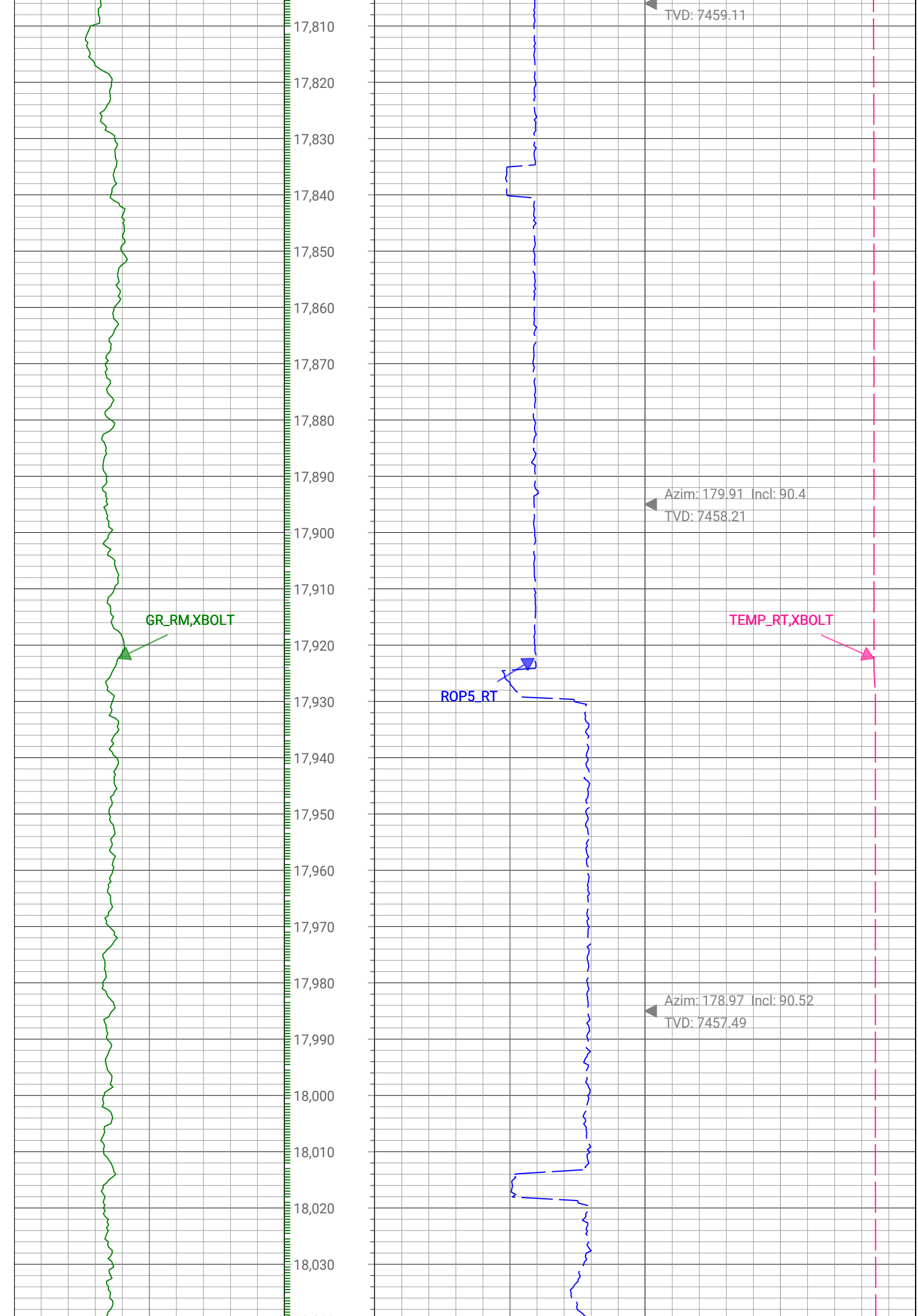
17,710
17,720
17,730
17,740
17,750
17,760
17,770
17,780
17,790
17,800
GR_RM,XBOLT
ROP5_RT
TEMP_RT,XBOLT
Azim: 176.52 Incl: 90.66
TVD: 7461
Azim: 180.47 Incl: 90.5
TVD: 7460.08
Azim: 181.42 Incl: 90.75


TVD: 7459.11
Azim: 179.91 Incl: 90.4
TVD: 7458.21
Azim: 178.97 Incl: 90.52
TVD: 7457.49
GR_RM,XBOLT
ROP5_RT
TEMP_RT,XBOLT
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17,820
17,830
17,840
17,850
17,860
17,870
17,880
17,890
17,900
17,910
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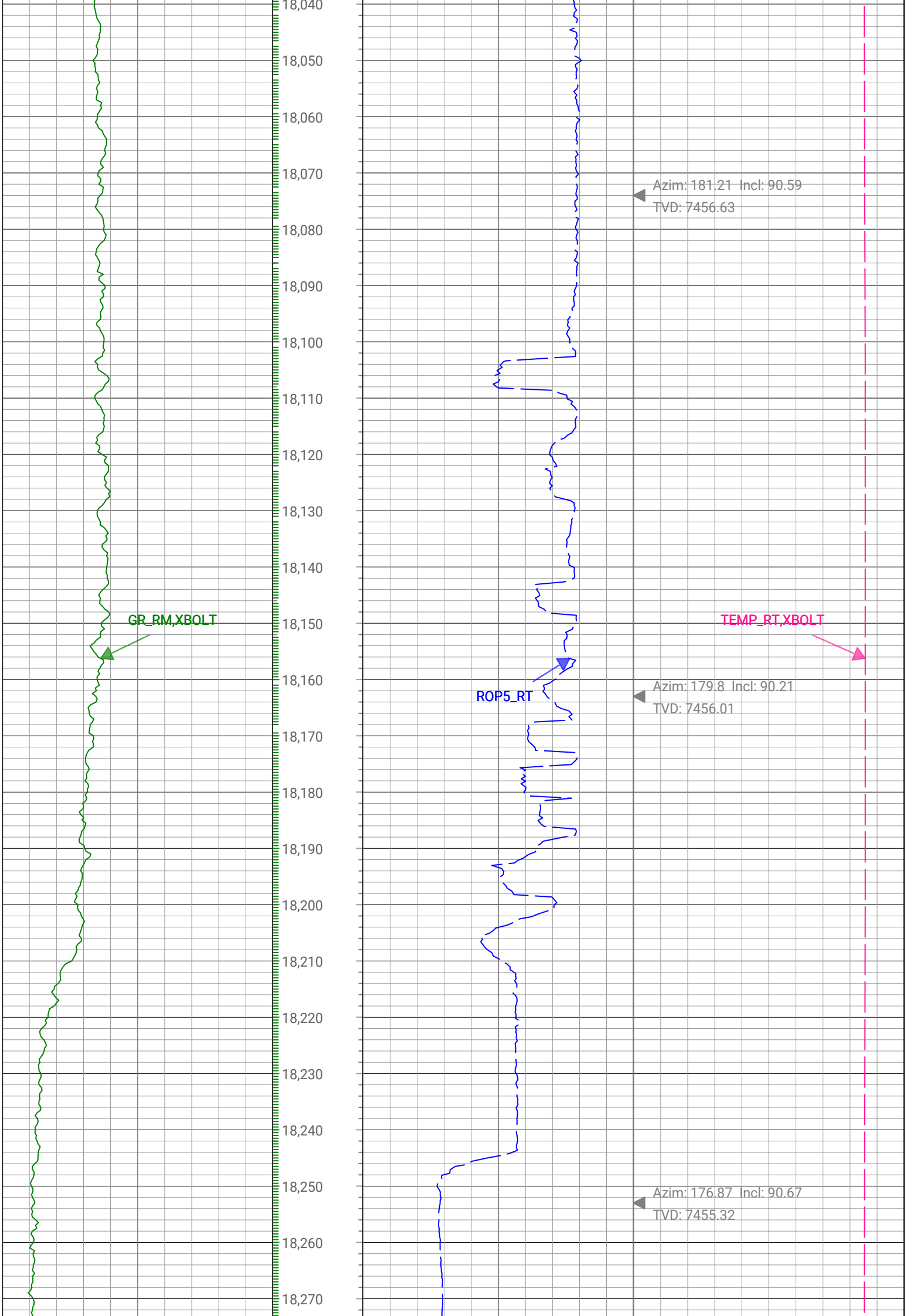
17,980
17,990
18,000
18,010
18,020
18,030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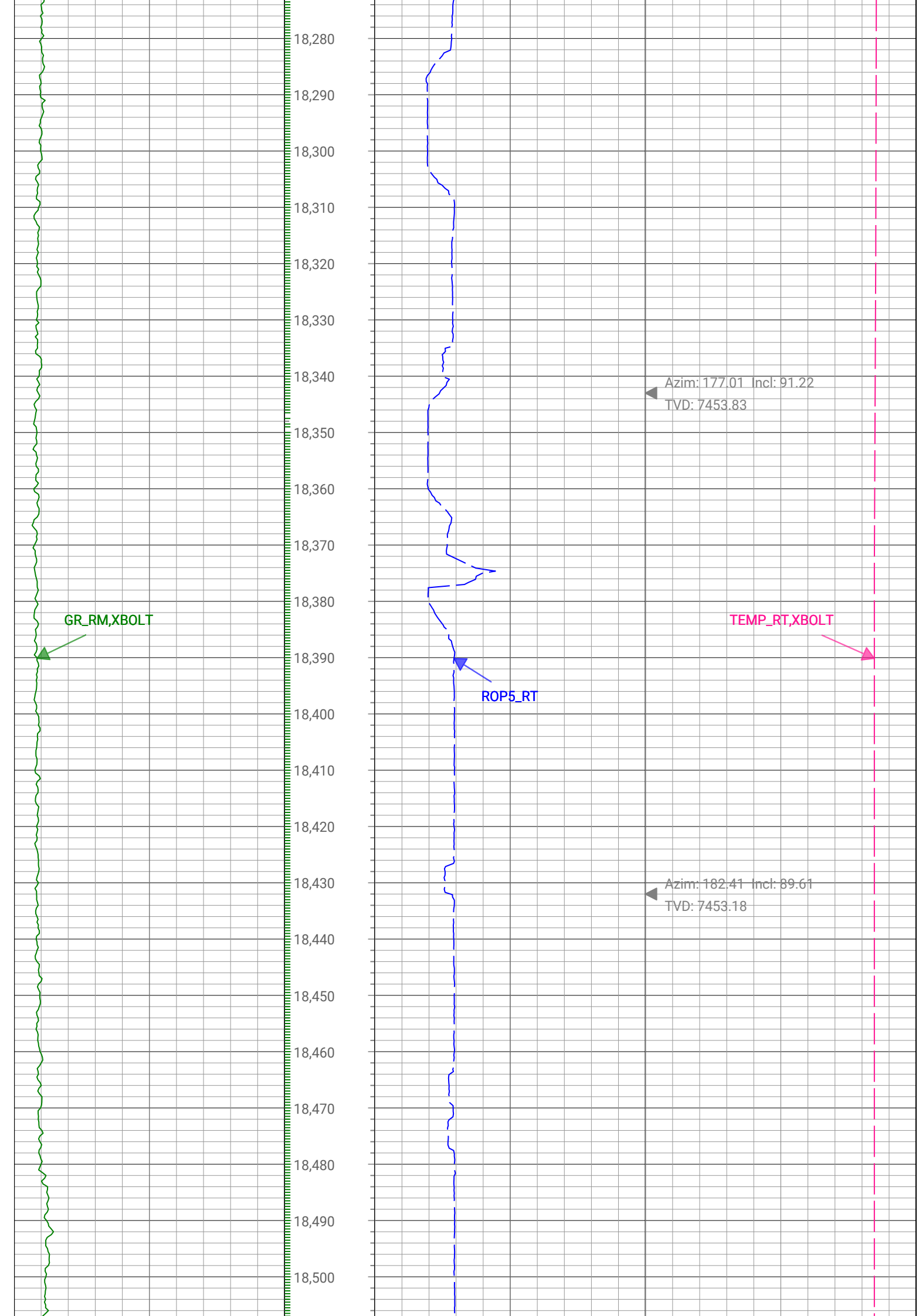
18,180
18,190
18,200
18,210
18,220
18,230
18,240
18,250
18,260
18,270
GR_RM,XBOLT
ROP5_RT
TEMP_RT,XBOLT
Azim: 181.21 Incl: 90.59
TVD: 7456.63
Azim: 179.8 Incl: 90.21
TVD: 7456.01
Azim: 176.87 Incl: 90.67
TVD: 7455.32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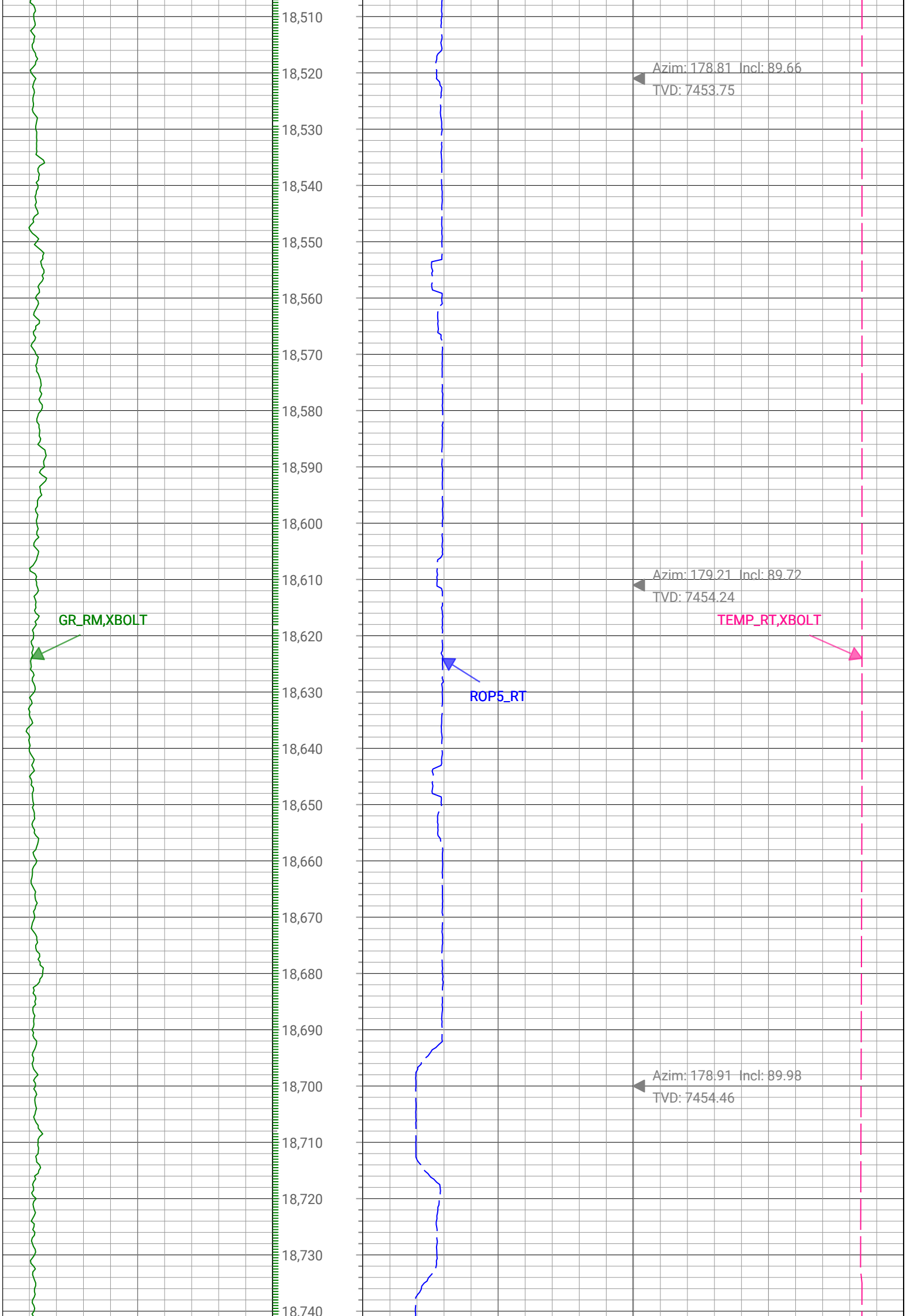
18,450
18,460
18,470
18,480
18,490
18,500
Azim: 177.01 Incl: 91.22
TVD: 7453.83
GR_RM,XBOLT
TEMP_RT,XBOLT
ROP5_RT
Azim: 182.41 Incl: 89.61
TVD: 7453.18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18,660
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18,680
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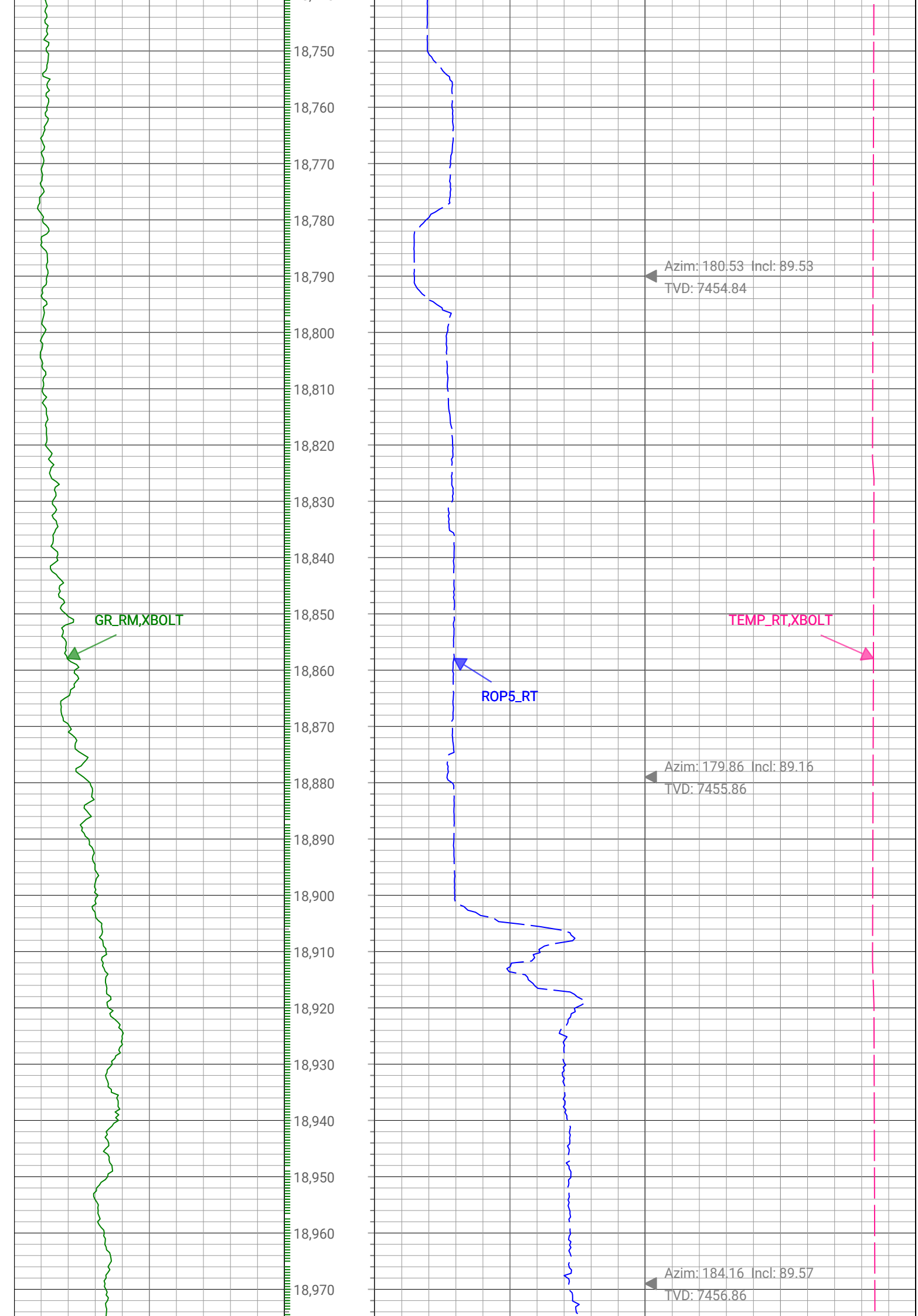
18,700
18,710
18,720
18,730
18,740
Azim: 178.81 Incl: 89.66
TVD: 7453.75
Azim: 179.21 Incl: 89.72
TVD: 7454.24
Azim: 178.91 Incl: 89.98
TVD: 7454.46
GR_RM,XBOLT
ROP5_RT
TEMP_RT,XBOLT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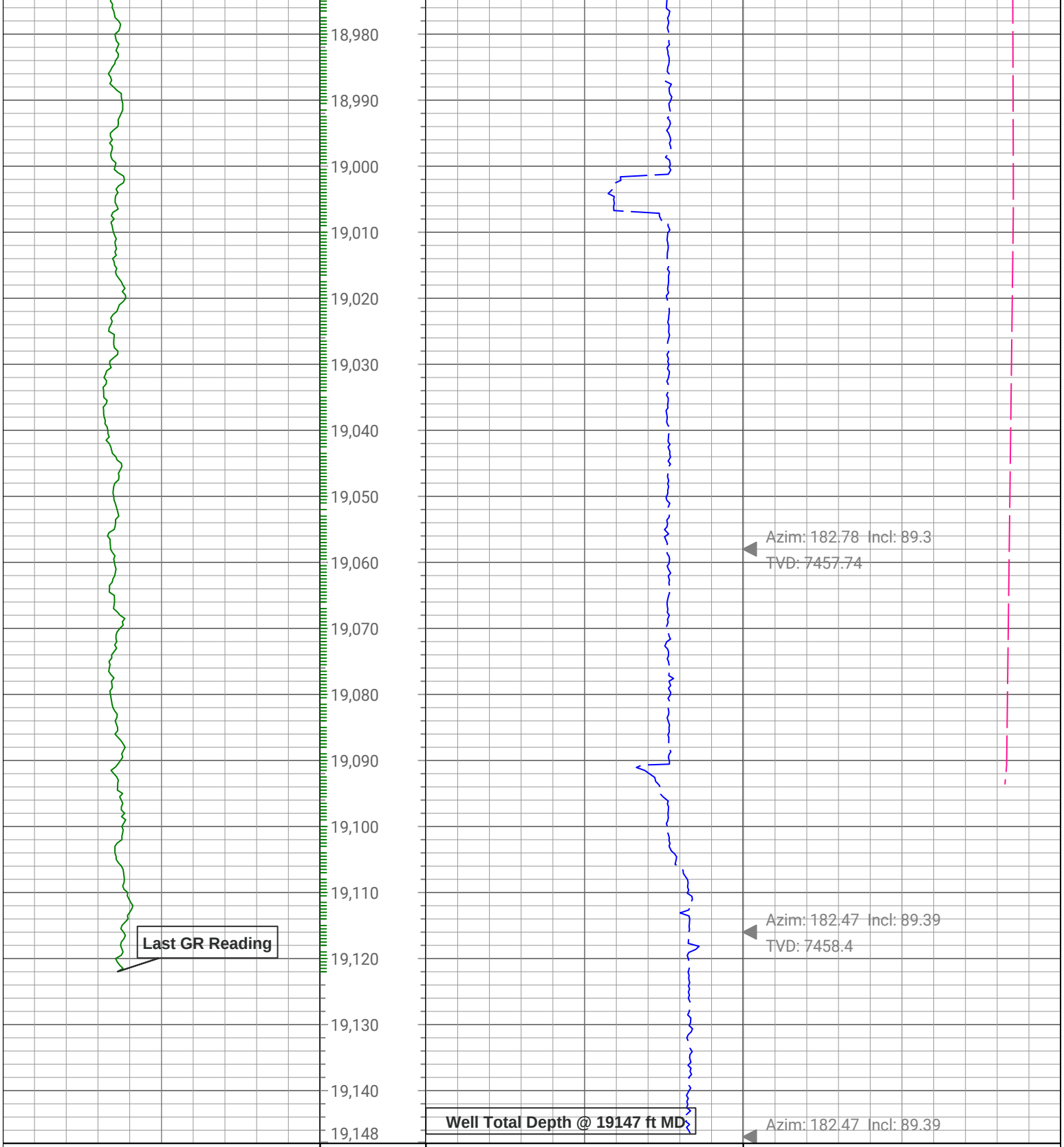
18,870
18,880
18,890
18,900
18,910
18,920
18,930
18,940
18,950
18,960
18,970
GR_RM,XBOLT
ROP5_RT
TEMP_RT,XBOLT
Azim: 180.53 Incl: 89.53
TVD: 7454.84
Azim: 179.86 Incl: 89.16
TVD: 7455.86
Azim: 184.16 Incl: 89.57
TVD: 7456.86



Description: XBOLT GAMMA RAY Format: XBOLT_GR_DNI_VERDAD Index Scale: 5in/100ft Index Unit: ft Index Type: Measured Depth

Creation Date: 09-Mar-2023

Survey Record

Survey Calculation

North Reference: True North

Tie In Point

Measured Depth:	0(ft)	Inclination:	0(deg)	Azimuth:	0(deg)
True Vertical Depth:	0(ft)	North Displacement:	0(ft)	East Displacement:	0(ft)

D&I Inits - Run - 1

Geomagnetic Model:	HDGM 2023	Geomagnetic Date:	22-Nov-2022 17:00:00
Location B:	51532.958 (nT)	Location G:	998.985 (mgn)
Magnetic Dip:	66.205 (deg)	Magnetic Dec:	7.827 (deg)
Total Correction:	7.827		

D&I Inits - Run - 2

Geomagnetic Model:	HDGM 2023	Geomagnetic Date:	20-Nov-2022 17:00:00
Location B:	51532.958 (nT)	Location G:	998.985 (mgn)
Magnetic Dip:	66.205 (deg)	Magnetic Dec:	7.827 (deg)
Total Correction:	7.827		

D&I Inits - Run - 3

Geomagnetic Model:	HDGM 2023	Geomagnetic Date:	19-Nov-2022 17:00:00
Location B:	51532.958 (nT)	Location G:	998.985 (mgn)
Magnetic Dip:	66.205 (deg)	Magnetic Dec:	7.827 (deg)
Total Correction:	7.827		

MD(ft)	Incl(deg)	Azim(deg)	TVD(ft)	V Sec(ft)	N/-S(ft)	E/-W(ft)	DLS (deg/100ft)	Closure Distance (ft)	Closure Azimuth (deg)	Tool Type
0	0	0	0	0.00	0	0	0.00			TIP
8	0	0	8	0	0	0	0	0	0	MWD
88	0.4	235.75	88	0.16	-0.16	-0.23	0.5	0.28	235.75	MWD
179	0.22	211.32	179	0.48	-0.49	-0.58	0.24	0.76	230.29	MWD
271	0.83	277.85	270.99	0.54	-0.55	-1.34	0.84	1.44	247.81	MWD
362	2.07	279.08	361.96	0.19	-0.2	-3.61	1.36	3.62	266.9	MWD
452	3.6	278.9	451.85	-0.51	0.5	-8.01	1.7	8.02	273.56	MWD
541	5.49	278.55	540.57	-1.59	1.56	-14.98	2.12	15.06	275.96	MWD
631	9.01	268.36	629.84	-2.04	2	-26.29	4.15	26.36	274.36	MWD
722	10.99	269.41	719.45	-1.77	1.71	-42.08	2.18	42.12	272.32	MWD
812	12.35	265.72	807.59	-1	0.9	-60.26	1.72	60.27	270.86	MWD
902	13.32	267.92	895.34	0.07	-0.19	-80.22	1.21	80.22	269.86	MWD
992	15.03	270.2	982.6	0.37	-0.53	-102.25	2	102.25	269.7	MWD
1082	17.97	270.03	1068.88	0.28	-0.48	-127.81	3.27	127.81	269.78	MWD
1172	20.08	271.35	1153.96	-0.14	-0.11	-157.14	2.39	157.14	269.96	MWD
1262	22.15	270.73	1237.91	-0.77	0.47	-189.56	2.31	189.56	270.14	MWD
1352	24.57	270.03	1320.53	-1.05	0.7	-225.24	2.71	225.24	270.18	MWD
1442	25.53	269.24	1402.06	-0.86	0.45	-263.34	1.13	263.34	270.1	MWD
1532	23.51	269.06	1483.94	-0.37	-0.1	-300.69	2.25	300.69	269.98	MWD
1622	25.88	270.2	1565.71	-0.2	-0.33	-338.28	2.69	338.28	269.94	MWD
1712	23.64	269.59	1647.43	-0.2	-0.39	-375.98	2.5	375.98	269.94	MWD
1802	26.1	270.82	1729.08	-0.42	-0.23	-413.82	2.79	413.82	269.97	MWD
1892	24.57	271.08	1810.42	-1.11	0.4	-452.33	1.7	452.33	270.05	MWD
1982	26.85	269.94	1891.5	-1.51	0.73	-491.36	2.59	491.36	270.09	MWD
2072	25.66	270.56	1972.22	-1.74	0.9	-531.18	1.36	531.18	270.1	MWD
2162	23.33	269.85	2054.11	-1.94	1.05	-568.49	2.61	568.49	270.11	MWD
2252	24.04	269.76	2136.53	-1.87	0.92	-604.64	0.79	604.64	270.09	MWD
2342	25.75	269.15	2218.16	-1.57	0.56	-642.52	1.92	642.52	270.05	MWD
2409	25.14	269.68	2278.66	-1.32	0.26	-671.31	0.97	671.31	270.02	MWD
2504	23.96	271.58	2365.08	-1.8	0.68	-710.77	1.49	710.77	270.05	MWD
2593	25.72	269.67	2445.84	-2.24	1.07	-748.15	2.17	748.15	270.08	MWD
2682	28.2	268.91	2525.16	-1.8	0.56	-788.5	2.81	788.5	270.04	MWD

2772	30.43	266.97	2603.64	-0.26	-1.05	-832.52	2.7	832.52	269.93	MWD
2861	32.25	264.97	2679.65	2.95	-4.33	-878.69	2.36	878.7	269.72	MWD
2951	33.84	265.91	2755.09	6.76	-8.22	-927.61	1.86	927.65	269.49	MWD
3040	36.17	268.44	2827.98	9.17	-10.7	-978.59	3.08	978.65	269.37	MWD
3130	38.75	268.96	2899.42	10.32	-11.94	-1033.31	2.89	1033.38	269.34	MWD
3219	38.68	267.64	2968.87	11.88	-13.59	-1088.94	0.93	1089.03	269.28	MWD
3308	38.63	270.41	3038.37	12.74	-14.53	-1144.52	1.94	1144.61	269.27	MWD
3397	38.34	272.39	3108.04	11.3	-13.19	-1199.88	1.42	1199.95	269.37	MWD
3487	38.84	271.58	3178.39	9.27	-11.24	-1255.98	0.78	1256.03	269.49	MWD
3576	38.68	271.59	3247.79	7.64	-9.7	-1311.68	0.18	1311.71	269.58	MWD
3666	38.77	271.23	3318	6.16	-8.31	-1367.96	0.27	1367.99	269.65	MWD
3755	38.66	272.14	3387.45	4.44	-6.68	-1423.6	0.65	1423.62	269.73	MWD
3845	37.78	269.73	3458.16	3.43	-5.76	-1479.27	1.92	1479.28	269.78	MWD
3934	38.29	270	3528.26	3.47	-5.88	-1534.11	0.6	1534.12	269.78	MWD
4024	38.48	270.63	3598.81	3.08	-5.57	-1589.99	0.48	1590	269.8	MWD
4114	38.78	269.94	3669.12	2.71	-5.29	-1646.17	0.59	1646.18	269.82	MWD
4203	38.17	269.93	3738.8	2.69	-5.36	-1701.54	0.69	1701.54	269.82	MWD
4293	38.85	269.83	3809.22	2.72	-5.48	-1757.57	0.77	1757.58	269.82	MWD
4382	38.6	269.65	3878.65	2.89	-5.73	-1813.25	0.31	1813.26	269.82	MWD
4472	38.97	268.99	3948.81	3.47	-6.41	-1869.62	0.62	1869.63	269.8	MWD
4561	38.74	268.38	4018.12	4.66	-7.69	-1925.44	0.51	1925.46	269.77	MWD
4650	37.9	268.85	4087.94	5.91	-9.03	-1980.61	0.99	1980.63	269.74	MWD
4740	38.28	269.27	4158.77	6.73	-9.93	-2036.13	0.51	2036.15	269.72	MWD
4829	37.81	268.58	4228.86	7.67	-10.96	-2090.96	0.71	2090.99	269.7	MWD
4919	38.68	269.37	4299.55	8.58	-11.95	-2146.66	1.11	2146.69	269.68	MWD
5008	38.86	269.16	4368.94	9.2	-12.66	-2202.39	0.25	2202.42	269.67	MWD
5098	38.75	269.78	4439.08	9.63	-13.18	-2258.79	0.45	2258.82	269.67	MWD
5187	38.44	269.77	4508.64	9.76	-13.4	-2314.31	0.35	2314.34	269.67	MWD
5277	38.79	269.43	4578.96	10.07	-13.79	-2370.47	0.46	2370.51	269.67	MWD
5367	38.91	269.16	4649.05	10.67	-14.48	-2426.92	0.24	2426.96	269.66	MWD
5456	38.93	269.64	4718.29	11.17	-15.07	-2482.83	0.34	2482.88	269.65	MWD
5546	38.5	269.57	4788.51	11.47	-15.46	-2539.12	0.48	2539.17	269.65	MWD
5635	38.86	270.69	4857.99	11.26	-15.33	-2594.74	0.88	2594.79	269.66	MWD
5725	38.55	269.67	4928.23	10.99	-15.15	-2651.02	0.78	2651.06	269.67	MWD
5814	38.82	269.79	4997.7	11.16	-15.42	-2706.64	0.31	2706.69	269.67	MWD
5904	38.84	269.21	5067.82	11.57	-15.91	-2763.07	0.4	2763.12	269.67	MWD
5993	38.77	269.86	5137.17	11.94	-16.37	-2818.84	0.46	2818.89	269.67	MWD
6083	38.76	269.93	5207.34	11.95	-16.47	-2875.2	0.05	2875.25	269.67	MWD
6172	38.84	270.29	5276.7	11.76	-16.36	-2930.97	0.27	2931.02	269.68	MWD
6262	38.73	269.94	5346.86	11.56	-16.25	-2987.35	0.28	2987.39	269.69	MWD
6351	38.68	270.14	5416.31	11.44	-16.22	-3043	0.15	3043.04	269.69	MWD
6441	38.86	269.5	5486.49	11.52	-16.39	-3099.35	0.49	3099.39	269.7	MWD
6530	38.66	270.16	5555.89	11.61	-16.56	-3155.06	0.51	3155.11	269.7	MWD
6619	38.6	270.14	5625.42	11.37	-16.42	-3210.62	0.06	3210.66	269.71	MWD
6709	38.64	269.87	5695.73	11.28	-16.41	-3266.8	0.19	3266.84	269.71	MWD
6799	38.81	268.79	5765.95	11.85	-17.07	-3323.09	0.77	3323.14	269.71	MWD
6888	38.62	269.33	5835.39	12.67	-17.98	-3378.75	0.43	3378.8	269.7	MWD
6977	38.61	269.62	5904.93	13.1	-18.49	-3434.3	0.2	3434.35	269.69	MWD
7067	39.01	269.23	5975.06	13.58	-19.06	-3490.7	0.52	3490.75	269.69	MWD
7157	38.45	268.55	6045.26	14.58	-20.15	-3547	0.78	3547.06	269.67	MWD

7246	38.63	269.22	6114.88	15.57	-21.23	-3602.44	0.5	3602.51	269.66	MWD
7336	38.45	268.76	6185.27	16.47	-22.22	-3658.51	0.37	3658.58	269.65	MWD
7425	38.59	269.08	6254.91	17.43	-23.26	-3713.93	0.27	3714	269.64	MWD
7515	38.24	269.05	6325.43	18.26	-24.18	-3769.84	0.39	3769.92	269.63	MWD
7604	38.48	268.74	6395.21	19.24	-25.25	-3825.06	0.35	3825.14	269.62	MWD
7694	37.91	268.47	6465.94	20.51	-26.6	-3880.7	0.66	3880.79	269.61	MWD
7783	38.38	269.42	6535.94	21.43	-27.61	-3935.66	0.85	3935.76	269.6	MWD
7873	37.56	269.34	6606.89	21.94	-28.21	-3991.03	0.92	3991.13	269.59	MWD
7962	38.32	268.7	6677.08	22.8	-29.15	-4045.74	0.96	4045.84	269.59	MWD
8051	38.15	269.21	6746.98	23.71	-30.16	-4100.81	0.4	4100.92	269.58	MWD
8141	38.1	268.33	6817.78	24.82	-31.35	-4156.36	0.6	4156.48	269.57	MWD
8230	38.34	269.15	6887.71	25.94	-32.56	-4211.41	0.63	4211.53	269.56	MWD
8320	38.57	260.04	6958.25	31.12	-37.82	-4267	6.3	4267.17	269.49	MWD
8409	39.78	251.06	7027.29	45.09	-51.87	-4321.3	6.52	4321.61	269.31	MWD
8499	44.52	243.61	7094.04	68.4	-75.27	-4376.86	7.64	4377.51	269.01	MWD
8588	47.73	233.89	7155.8	101.63	-108.6	-4431.5	8.66	4432.83	268.6	MWD
8678	45.8	223.22	7217.54	144.77	-151.8	-4480.57	8.89	4483.14	268.06	MWD
8767	51.12	213.91	7276.61	196.8	-203.91	-4521.82	9.83	4526.42	267.42	MWD
8857	57.37	206.27	7329.23	259.93	-267.09	-4558.21	9.78	4566.02	266.65	MWD
8946	61.16	200.41	7374.73	330.09	-337.3	-4588.42	7.08	4600.8	265.8	MWD
9036	67.42	194.76	7413.78	407.3	-414.55	-4612.79	8.96	4631.38	264.86	MWD
9126	73.33	189.31	7444.02	490.12	-497.4	-4630.38	8.7	4657.02	263.87	MWD
9215	76.65	183.81	7467.08	575.46	-582.75	-4640.17	7.03	4676.62	262.84	MWD
9305	82.71	180.25	7483.21	663.89	-671.18	-4643.28	7.78	4691.54	261.77	MWD
9394	86.02	181.39	7491.95	752.43	-759.73	-4644.55	3.93	4706.28	260.71	MWD
9484	86.03	181.27	7498.2	842.19	-849.49	-4646.64	0.13	4723.65	259.64	MWD
9573	86.07	179.97	7504.34	930.97	-938.27	-4647.61	1.46	4741.37	258.59	MWD
9662	85.71	181.56	7510.72	1019.73	-1027.03	-4648.79	1.83	4760.89	257.54	MWD
9751	86.03	182.54	7517.13	1108.43	-1115.74	-4651.96	1.15	4783.89	256.51	MWD
9841	86.1	178.51	7523.3	1198.2	-1205.51	-4652.78	4.47	4806.41	255.47	MWD
9930	86.02	178.94	7529.42	1286.97	-1294.27	-4650.8	0.49	4827.53	254.45	MWD
10020	87.99	180.05	7534.12	1376.83	-1384.14	-4650.01	2.52	4851.64	253.42	MWD
10109	91.22	179.83	7534.73	1465.82	-1473.13	-4649.91	3.64	4877.68	252.42	MWD
10199	91.78	179.99	7532.38	1555.79	-1563.1	-4649.77	0.64	4905.47	251.42	MWD
10288	91.82	178.84	7529.58	1644.74	-1652.05	-4648.87	1.29	4933.68	250.44	MWD
10378	91.7	179.62	7526.81	1734.69	-1741.99	-4647.66	0.87	4963.39	249.45	MWD
10467	91.82	176.74	7524.08	1823.6	-1830.9	-4644.83	3.23	4992.66	248.49	MWD
10556	91.93	182.84	7521.16	1912.51	-1919.81	-4644.51	6.84	5025.65	247.54	MWD
10646	91.98	179.79	7518.09	2002.42	-2009.72	-4646.57	3.38	5062.57	246.61	MWD
10735	91.89	177.64	7515.09	2091.34	-2098.64	-4644.58	2.41	5096.71	245.68	MWD
10825	91.79	178.77	7512.2	2181.26	-2188.55	-4641.77	1.26	5131.84	244.76	MWD
10914	91.84	178.62	7509.38	2270.19	-2277.48	-4639.74	0.18	5168.57	243.86	MWD
11004	91.84	181.33	7506.49	2360.14	-2367.43	-4639.7	3.01	5208.8	242.97	MWD
11094	91.88	182.75	7503.57	2450.03	-2457.32	-4642.9	1.57	5253.09	242.11	MWD
11183	91.75	182.84	7500.75	2538.87	-2546.17	-4647.24	0.19	5299.04	241.28	MWD
11273	91.82	182.19	7497.95	2628.73	-2636.04	-4651.19	0.73	5346.24	240.46	MWD
11362	91.88	181.22	7495.08	2717.64	-2724.95	-4653.84	1.09	5392.92	239.65	MWD
11452	91.89	181.12	7492.12	2807.57	-2814.89	-4655.67	0.11	5440.48	238.84	MWD
11542	92.13	181	7488.97	2897.5	-2904.82	-4657.33	0.3	5488.96	238.05	MWD

11631	92.03	181.07	7485.75	2986.42	-2993.74	-4658.94	0.13	5537.89	237.28	MWD
11721	90.33	180.06	7483.89	3076.39	-3083.71	-4659.83	2.2	5587.78	236.5	MWD
11810	90.29	180.31	7483.41	3165.39	-3172.71	-4660.11	0.28	5637.62	235.75	MWD
11900	90.25	179.25	7482.98	3255.39	-3262.71	-4659.77	1.18	5688.47	235	MWD
11989	90.11	180.12	7482.7	3344.38	-3351.71	-4659.27	1	5739.58	234.27	MWD
12079	90.58	180.63	7482.16	3434.38	-3441.7	-4659.87	0.77	5793.07	233.55	MWD
12168	90.75	179.95	7481.13	3523.37	-3530.7	-4660.32	0.79	5846.74	232.85	MWD
12258	90.87	179.88	7479.86	3613.36	-3620.69	-4660.19	0.16	5901.42	232.15	MWD
12347	90.87	179.88	7478.51	3702.35	-3709.68	-4660	0	5956.29	231.48	MWD
12437	90.91	180.29	7477.12	3792.34	-3799.66	-4660.14	0.45	6012.85	230.81	MWD
12526	90.9	180.36	7475.71	3881.33	-3888.65	-4660.64	0.08	6069.86	230.16	MWD
12616	90.86	179.4	7474.33	3971.31	-3978.64	-4660.45	1.06	6127.76	229.51	MWD
12706	90.76	179.92	7473.05	4061.3	-4068.63	-4659.92	0.58	6186.16	228.88	MWD
12795	90.83	180.17	7471.82	4150.3	-4157.62	-4659.99	0.3	6245.1	228.26	MWD
12884	90.76	180	7470.58	4239.29	-4246.61	-4660.12	0.2	6304.8	227.66	MWD
12974	90.78	179.6	7469.37	4329.28	-4336.6	-4659.81	0.45	6365.53	227.06	MWD
13063	90.08	177.13	7468.69	4418.24	-4425.56	-4657.26	2.88	6424.61	226.46	MWD
13153	90.09	176.26	7468.55	4508.09	-4515.41	-4652.07	0.97	6483.1	225.85	MWD
13242	90.25	181.23	7468.28	4597.05	-4604.36	-4650.11	5.59	6543.98	225.28	MWD
13332	89.87	180.08	7468.19	4687.04	-4694.35	-4651.14	1.35	6608.33	224.74	MWD
13421	90.44	180.06	7467.95	4776.04	-4783.35	-4651.25	0.64	6671.92	224.2	MWD
13511	90.57	180.53	7467.15	4866.03	-4873.34	-4651.71	0.54	6737.05	223.67	MWD
13600	90.47	180.27	7466.35	4955.02	-4962.34	-4652.34	0.31	6802.13	223.15	MWD
13690	90.52	179.8	7465.57	5045.02	-5052.33	-4652.4	0.52	6868.11	222.64	MWD
13779	89.73	180.91	7465.38	5134.01	-5141.33	-4652.95	1.53	6934.21	222.15	MWD
13868	89.76	181.11	7465.78	5223	-5230.31	-4654.53	0.23	7001.49	221.67	MWD
13958	89.78	181.25	7466.13	5312.97	-5320.29	-4656.38	0.16	7070.18	221.19	MWD
14047	89.92	180.71	7466.37	5401.96	-5409.28	-4657.91	0.63	7138.38	220.73	MWD
14137	89.65	180.16	7466.71	5491.95	-5499.28	-4658.59	0.68	7207.25	220.27	MWD
14226	89.78	180.46	7467.15	5580.95	-5588.27	-4659.07	0.38	7275.69	219.82	MWD
14316	89.87	181.2	7467.43	5670.94	-5678.26	-4660.37	0.83	7345.87	219.38	MWD
14405	89.83	181.15	7467.66	5759.91	-5767.24	-4662.2	0.07	7416.01	218.95	MWD
14495	90.3	179.86	7467.56	5849.91	-5857.24	-4663	1.52	7486.71	218.52	MWD
14584	90.28	177.82	7467.1	5938.89	-5946.21	-4661.2	2.3	7555.42	218.09	MWD
14674	90.34	179.47	7466.61	6028.86	-6036.19	-4659.07	1.84	7625.12	217.66	MWD
14763	90.52	179.57	7465.94	6117.85	-6125.18	-4658.32	0.23	7695.31	217.25	MWD
14852	90.57	180.34	7465.1	6206.85	-6214.17	-4658.25	0.86	7766.29	216.86	MWD
14942	90.24	179.57	7464.46	6296.85	-6304.17	-4658.17	0.93	7838.44	216.46	MWD
15031	90.14	178.59	7464.17	6385.84	-6393.16	-4656.74	1.1	7909.34	216.07	MWD
15120	89.92	177.48	7464.13	6474.79	-6482.1	-4653.69	1.27	7979.63	215.68	MWD
15210	89.69	177.67	7464.43	6564.71	-6572.02	-4649.89	0.33	8050.65	215.28	MWD
15299	90.02	176.49	7464.66	6653.6	-6660.91	-4645.35	1.39	8120.77	214.89	MWD
15389	89.3	178.72	7465.19	6743.52	-6750.82	-4641.59	2.61	8192.55	214.51	MWD
15478	89.39	178.86	7466.2	6832.5	-6839.79	-4639.71	0.19	8264.97	214.15	MWD
15568	90.07	180.06	7466.63	6922.49	-6929.79	-4638.87	1.53	8339.13	213.8	MWD
15658	89.51	180.46	7466.96	7012.49	-7019.78	-4639.28	0.76	8414.29	213.46	MWD
15747	89.16	181.8	7467.99	7101.46	-7108.76	-4641.04	1.55	8489.62	213.14	MWD
15837	89.8	183.37	7468.81	7191.36	-7198.66	-4645.1	1.89	8567.24	212.83	MWD
15926	89.7	183.48	7469.2	7280.19	-7287.5	-4650.41	0.16	8644.88	212.54	MWD
16015	89.7	183.84	7469.66	7369	-7376.32	-4656.09	0.41	8722.92	212.26	MWD

16105	89.47	181.07	7470.32	7458.9	-7466.22	-4659.94	3.09	8801.11	211.97	MWD
16195	89.82	179.72	7470.88	7548.89	-7556.22	-4660.56	1.54	8877.91	211.67	MWD
16284	90.35	171.58	7470.75	7637.57	-7644.89	-4653.82	9.16	8949.99	211.33	MWD
16373	88.92	179.23	7471.31	7726.22	-7733.53	-4646.7	8.74	9022.16	211	MWD
16463	89.01	189.64	7472.93	7815.8	-7823.12	-4653.65	11.57	9102.62	210.75	MWD
16552	89.27	192.8	7474.27	7903.06	-7910.4	-4670.96	3.56	9186.53	210.56	MWD
16642	89.62	182.21	7475.14	7992.13	-7999.5	-4682.69	11.77	9269.28	210.34	MWD
16732	90.8	173.68	7474.81	8082	-8089.36	-4679.47	9.57	9345.33	210.05	MWD
16821	90.99	170.63	7473.41	8170.16	-8177.5	-4667.33	3.44	9415.7	209.72	MWD
16910	90.69	171.37	7472.1	8258.08	-8265.4	-4653.4	0.9	9485.3	209.38	MWD
17000	90.82	175.23	7470.91	8347.45	-8354.76	-4642.91	4.29	9558.17	209.06	MWD
17090	91.06	179.06	7469.44	8437.32	-8444.62	-4638.43	4.27	9634.65	208.78	MWD
17179	90.95	178.96	7467.88	8526.3	-8533.59	-4636.89	0.17	9712	208.52	MWD
17269	90.85	178.8	7466.47	8616.27	-8623.56	-4635.12	0.21	9790.31	208.26	MWD
17358	90.95	179.59	7465.06	8705.25	-8712.54	-4633.87	0.9	9868.19	208.01	MWD
17448	90.96	181.14	7463.56	8795.23	-8802.52	-4634.44	1.73	9947.99	207.77	MWD
17538	90.83	177.63	7462.16	8885.2	-8892.49	-4633.48	3.9	10027.24	207.52	MWD
17627	90.66	176.52	7461	8974.09	-8981.37	-4628.94	1.26	10104.06	207.27	MWD
17717	90.5	180.47	7460.08	9064.04	-9071.31	-4626.58	4.4	10183.02	207.02	MWD
17806	90.75	181.42	7459.11	9153.02	-9160.3	-4628.05	1.1	10263.03	206.8	MWD
17895	90.4	179.91	7458.21	9242	-9249.28	-4629.08	1.75	10343	206.59	MWD
17985	90.52	178.97	7457.49	9331.99	-9339.27	-4628.2	1.05	10423.16	206.36	MWD
18074	90.59	181.21	7456.63	9420.98	-9428.26	-4628.34	2.51	10503.03	206.15	MWD
18163	90.21	179.8	7456.01	9509.97	-9517.26	-4629.12	1.64	10583.33	205.94	MWD
18253	90.67	176.87	7455.32	9599.93	-9607.21	-4626.5	3.29	10663.16	205.71	MWD
18343	91.22	177.01	7453.83	9689.79	-9697.07	-4621.7	0.64	10742.12	205.48	MWD
18432	89.61	182.41	7453.18	9778.75	-9786.03	-4621.25	6.33	10822.3	205.28	MWD
18521	89.66	178.81	7453.75	9867.73	-9875	-4622.19	4.04	10903.23	205.08	MWD
18611	89.72	179.21	7454.24	9957.72	-9964.99	-4620.64	0.44	10984.14	204.88	MWD
18700	89.98	178.91	7454.46	10046.71	-10053.98	-4619.17	0.44	11064.32	204.68	MWD
18790	89.53	180.53	7454.84	10136.7	-10143.97	-4618.74	1.87	11145.98	204.48	MWD
18879	89.16	179.86	7455.86	10225.7	-10232.96	-4619.04	0.86	11227.16	204.29	MWD
18969	89.57	184.16	7456.86	10315.61	-10322.88	-4622.2	4.8	11310.47	204.12	MWD
19058	89.3	182.78	7457.74	10404.43	-10411.71	-4627.59	1.58	11393.78	203.96	MWD
19116	89.39	182.47	7458.4	10462.36	-10469.65	-4630.24	0.56	11447.82	203.86	MWD
19147	89.39	182.47	7458.73	10493.33	-10500.62	-4631.58	0.01	11476.69	203.8	Manual

Company: Verdad Resources LLC.
Well: Fawn 2833-01H
Field Name: Wattenberg
Country Name: United States
State Name: Colorado
County Name: Weld

XBOLT GAMMA RAY
5in/100ft Measured Depth
Final Print
Recorded Mode