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

Company:	NOBLE ENERGY INC
Well:	Guttersen C28-725
Field Name:	WATTENBERG
Country Name:	United States
State Name:	Colorado
County Name:	Weld
Latitude:	40°15'45.432"N
Longitude:	104°33'09.468"W
Spud Date:	06-Nov-2022
Log Interval:	87.00–17165.73(ft)
Depth Source:	Driller's Depth
Log Measured From:	Drill Floor
Rig Floor above Ground Level:	29.00(ft)
Ground Level above Mean Sea Level:	4716.00 (ft)
API Number:	05-123-48933
Rig Name:	Patterson 268
Rig Type:	Land rig
Job Number:	O.1038977.02
Print Type:	Final Print
Northing:	1339926.283(ft)
Easting:	3264382.004(ft)
Coordinate System:	NAD83 Colorado State Plane, Northern Zone, US Feet

Disclaimer

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Operational Run Summary

Notes

Run 1 (Bit Size: 13.5 in)

DateTime Log Started	06-Nov-2022 00:43:44	DateTime Log Finished	06-Nov-2022 11:16:04
Start Depth (ft)	103	Stop Depth (ft)	1937
Mud Type	Water Based Mud	Mud Density (lbm/gal)	8.4
Potassium (%)	0	Barite	No
GR Sensor Offset (ft)	13.83	Calibration Coefficient	0
DNI Sensor Offset (ft)	17.47		

Run 2 (Bit Size: 8.5 in)

DateTime Log Started	19-Nov-2022 16:58:10	DateTime Log Finished	21-Nov-2022 14:20:56
Start Depth (ft)	1937	Stop Depth (ft)	10022
Mud Type	Water Based Mud	Mud Density (lbm/gal)	8.4
Potassium (%)	0	Barite	No
GR Sensor Offset (ft)	28.7	Calibration Coefficient	0

DNI Sensor Offset (ft)	32.34		

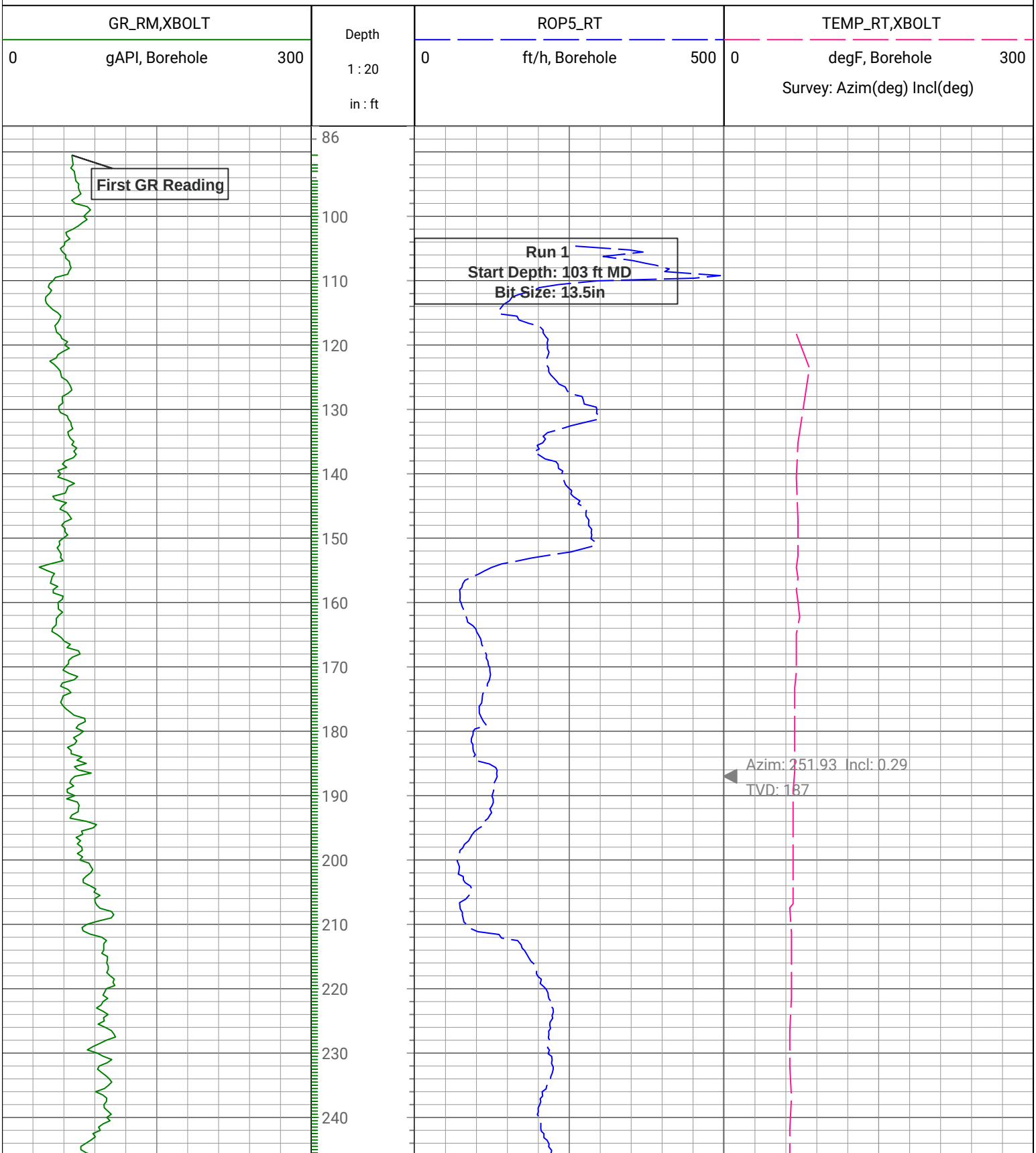
Run 3 (Bit Size: 8.5 in)

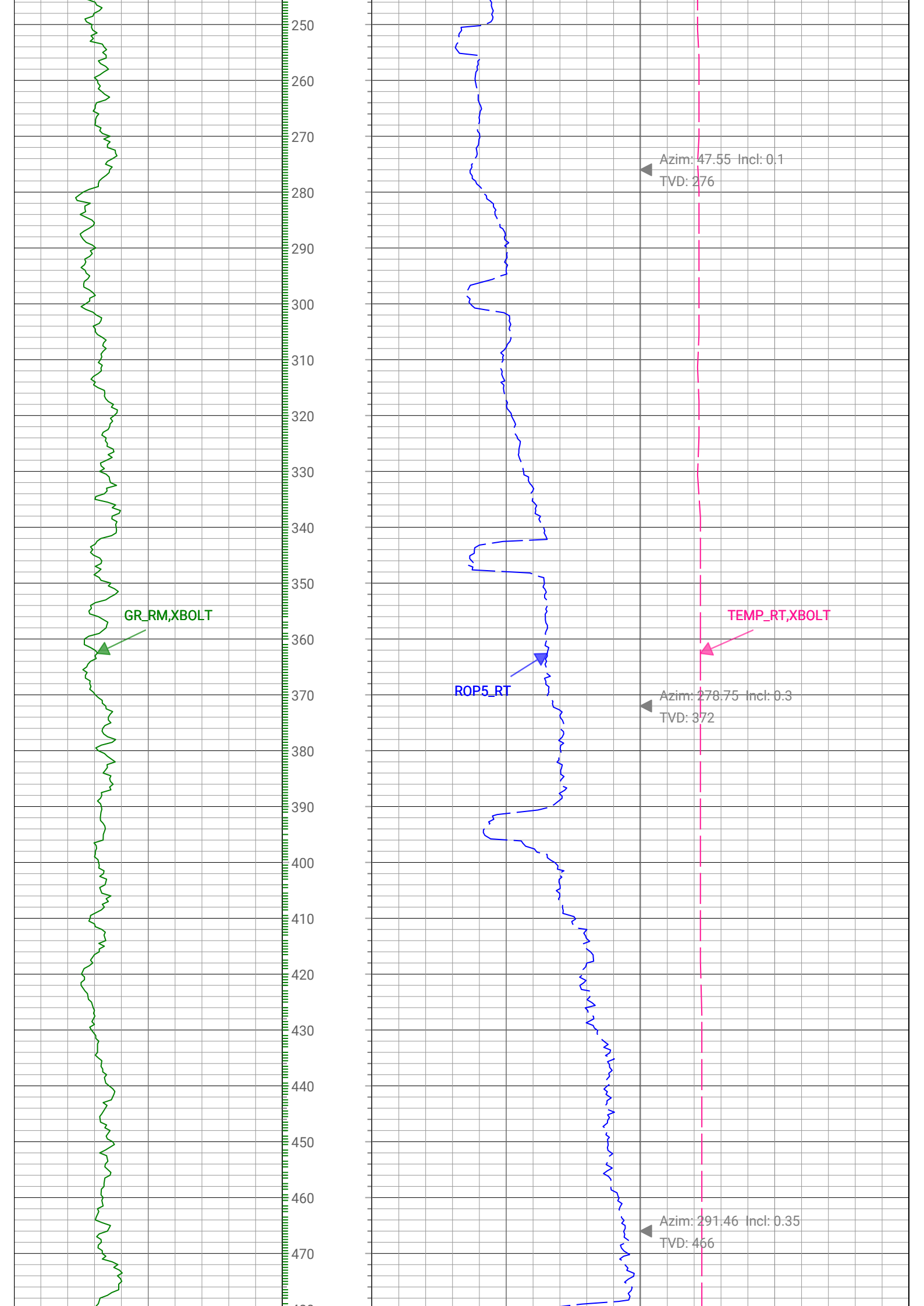
DateTime Log Started	21-Nov-2022 14:26:17	DateTime Log Finished	23-Nov-2022 22:58:50
Start Depth (ft)	10022	Stop Depth (ft)	17166
Mud Type	Water Based Mud	Mud Density (lbm/gal)	9.65
Potassium (%)	0	Barite	No
GR Sensor Offset (ft)	28.52	Calibration Coefficient	0
DNI Sensor Offset (ft)	32.16		

Log

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

Creation Date: 29-Nov-2022

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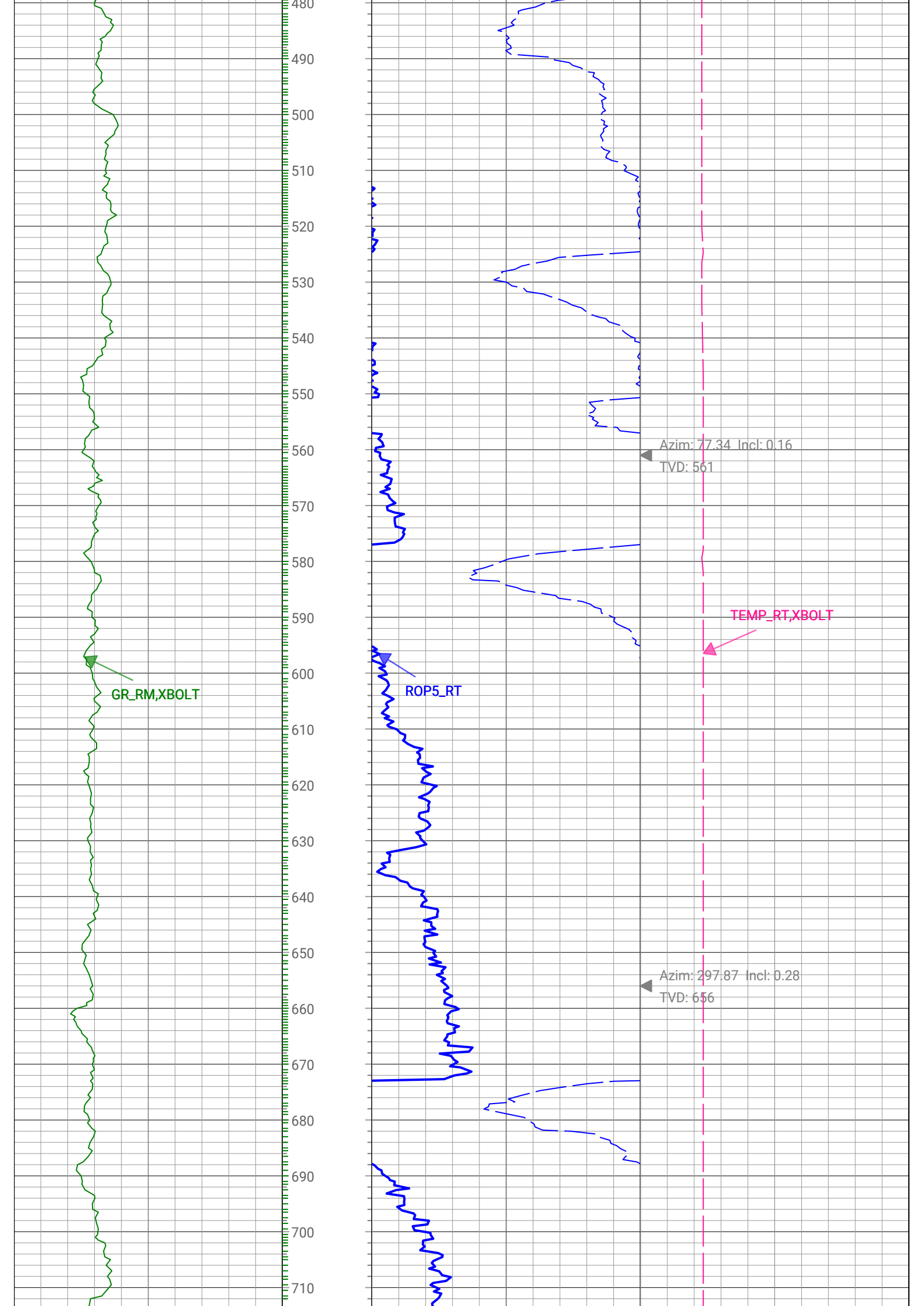
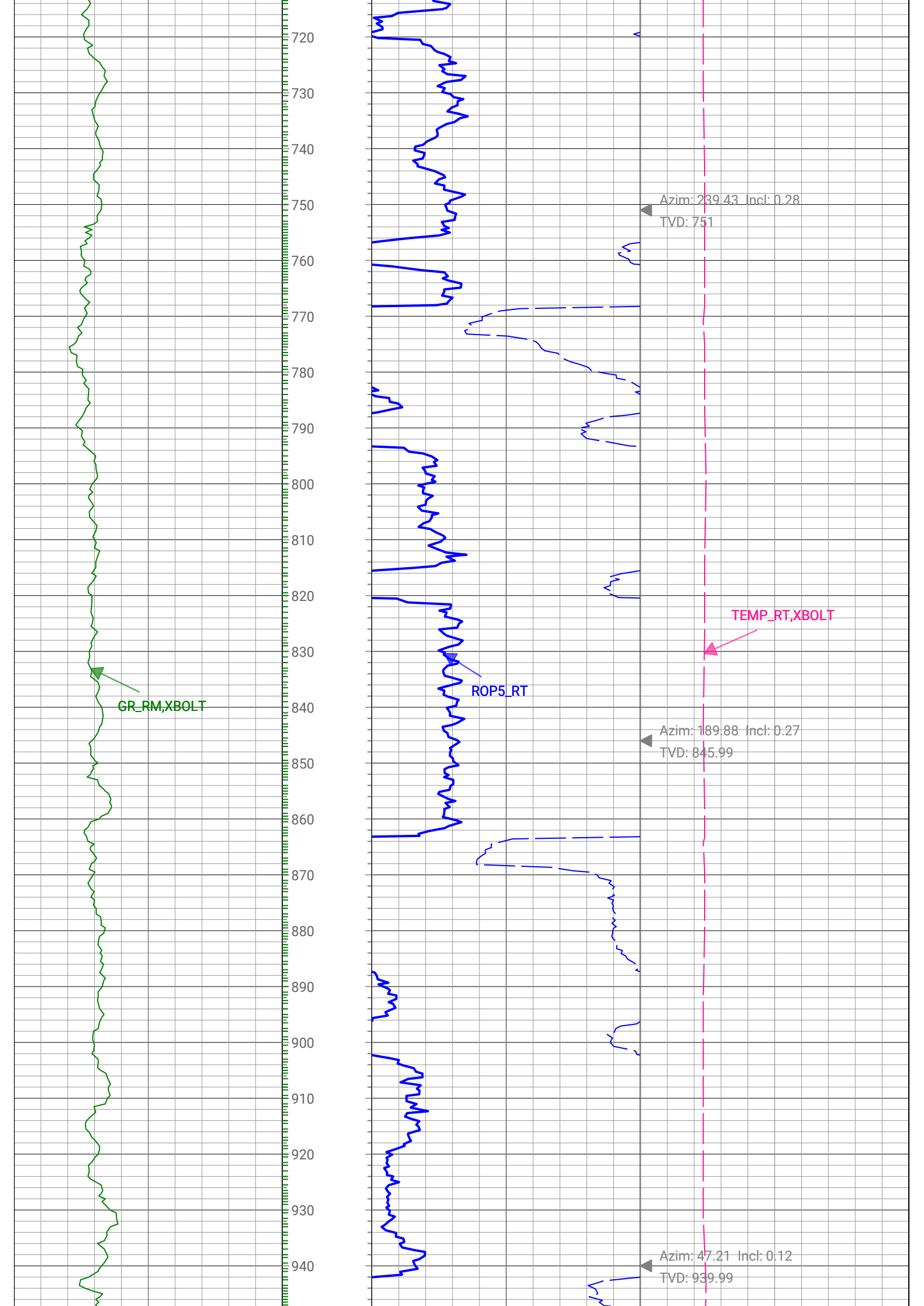
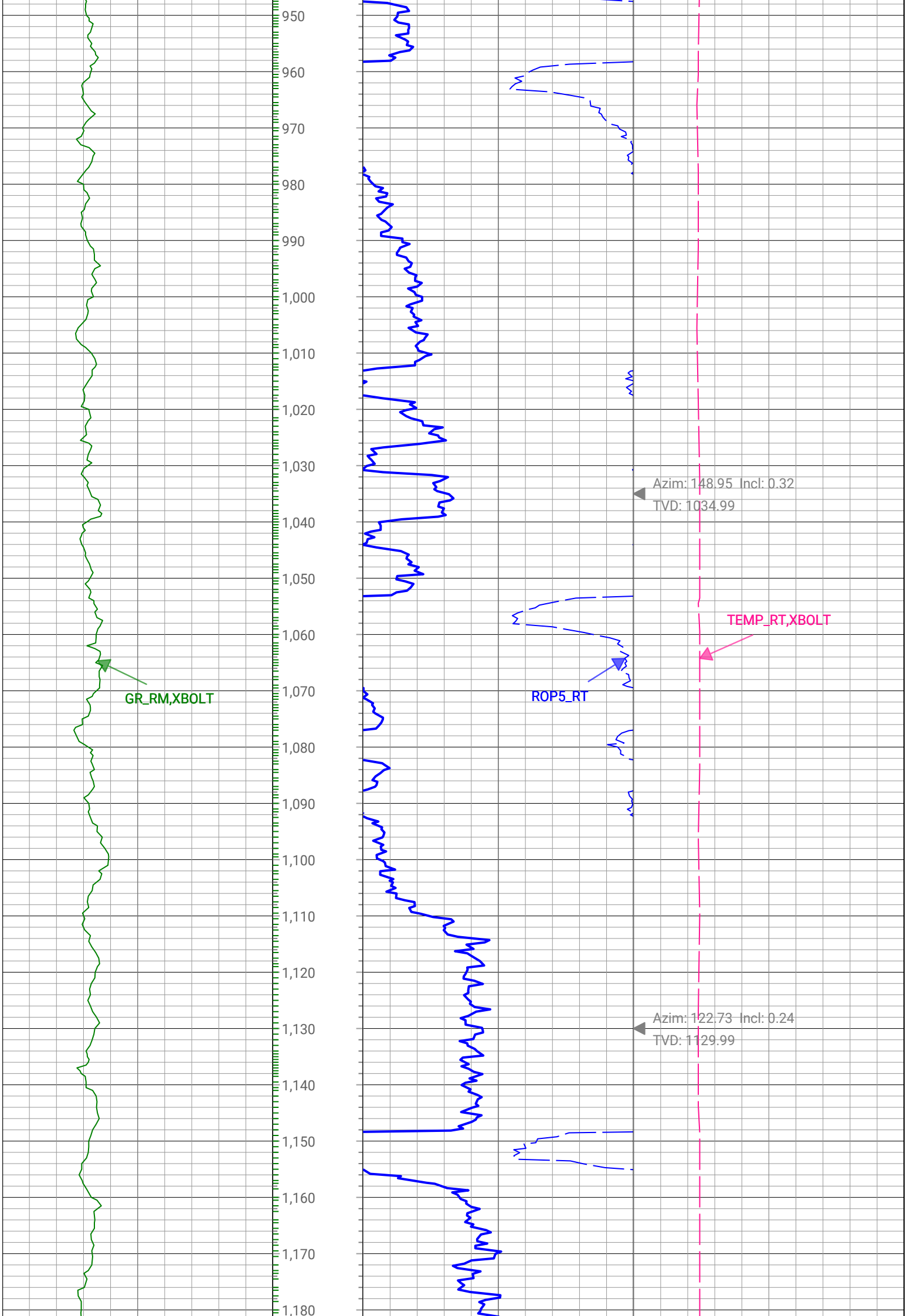
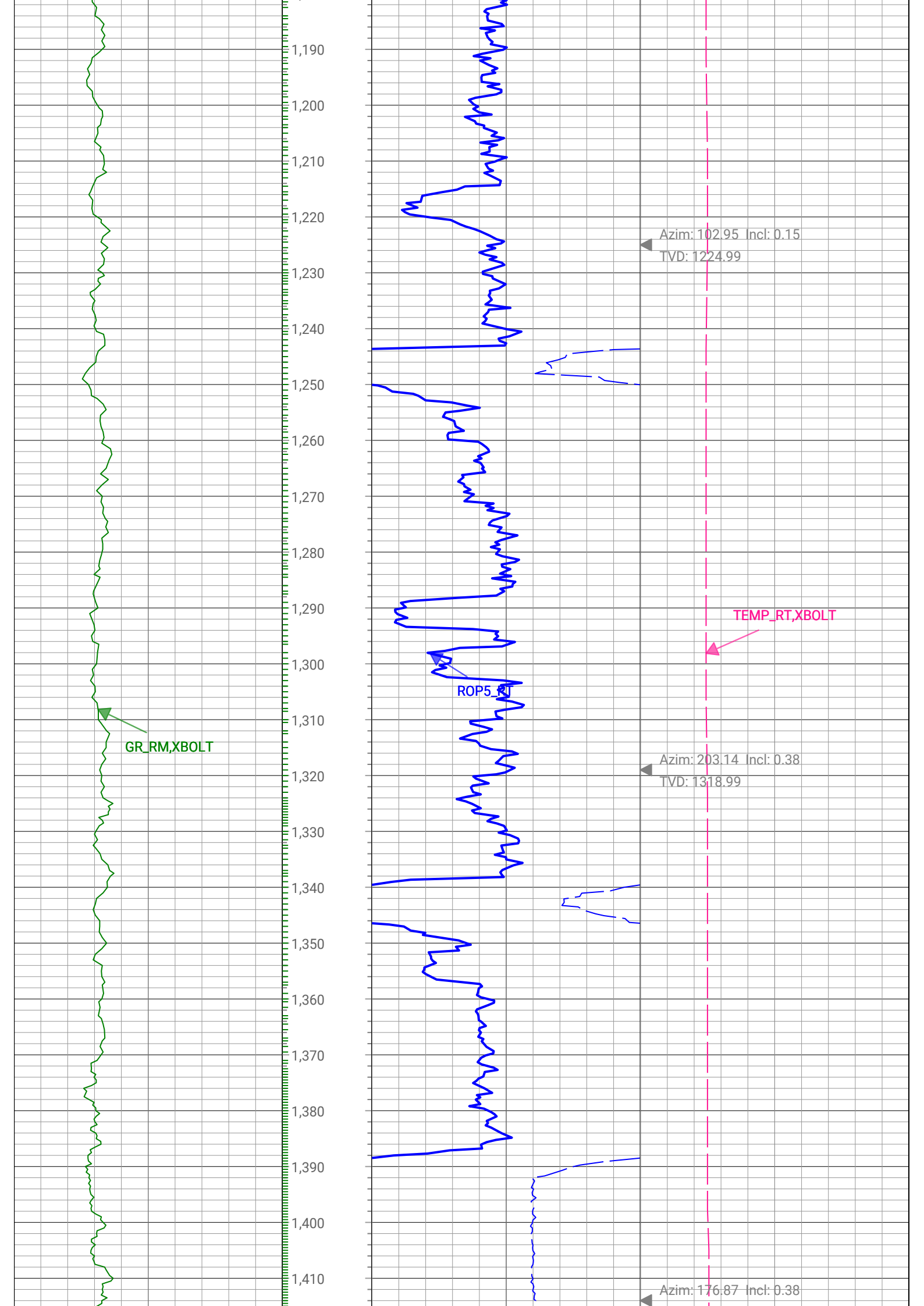
260
270
280
290
300
310
320
330
340
350
360
370
380
390
400
410
420
430
440
450
460
470
GR_RM,XBOLT
ROP5_RT
TEMP_RT,XBOLT
Azim: 47.55 Incl: 0.1
TVD: 276
Azim: 278.75 Incl: 0.3
TVD: 372
Azim: 291.46 Incl: 0.35
TVD: 466


480
490
500
510
520
530
540
550
560
570
580
590
600
610
620
630
640
650
660
670
680
690
700
710
GR_RM,XBOLT
ROP5_RT
TEMP_RT,XBOLT
Azim: 77.34 Incl: 0.16
TVD: 561
Azim: 297.87 Incl: 0.28
TVD: 656


720
730
740
750
760
770
780
790
800
810
820
830
840
850
860
870
880
890
900
910
920
930
940
GR_RM,XBOLT
ROP5_RT
TEMP_RT,XBOLT
Azim: 239.43 Incl: 0.28
TVD: 751
Azim: 189.88 Incl: 0.27
TVD: 845.99
Azim: 47.21 Incl: 0.12
TVD: 939.99


950
960
970
980
990
1,000
1,010
1,020
1,030
1,040
1,050
1,060
1,070
1,080
1,090
1,100
1,110
1,120
1,130
1,140
1,150
1,160
1,170
1,180
GR_RM,XBOLT
ROP5_RT
TEMP_RT,XBOLT
Azim: 148.95 Incl: 0.32
TVD: 1034.99
Azim: 122.73 Incl: 0.24
TVD: 1129.99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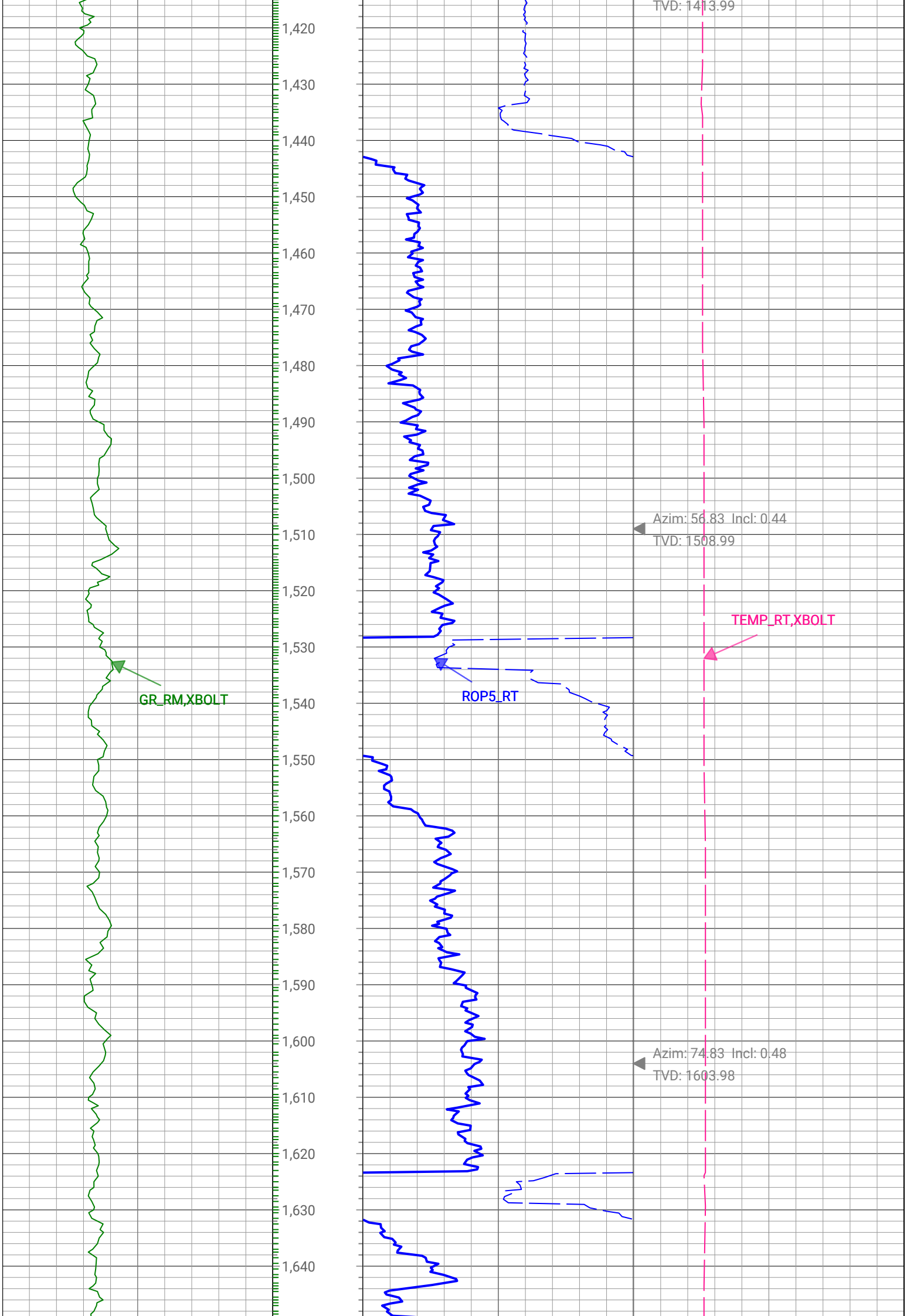
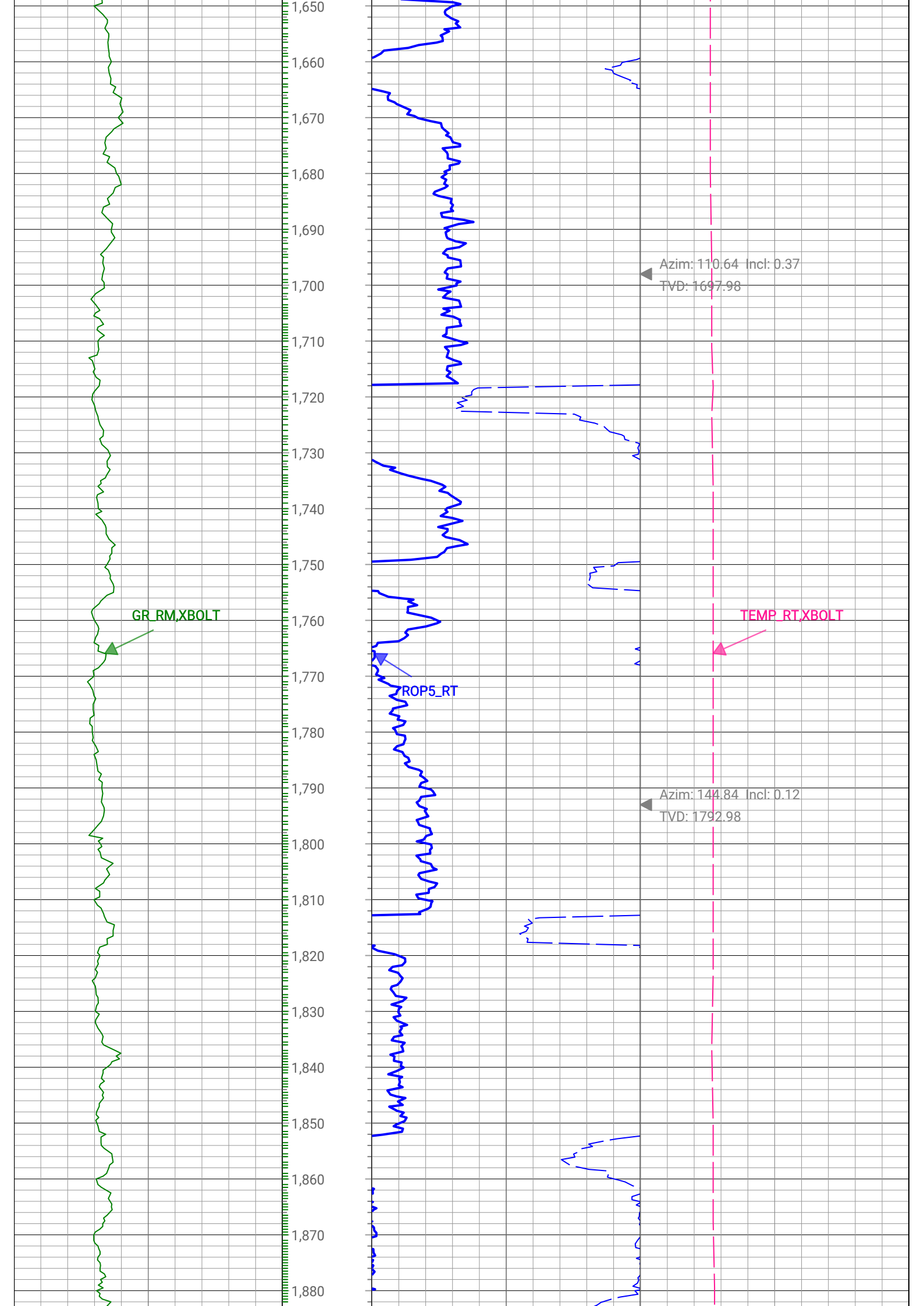
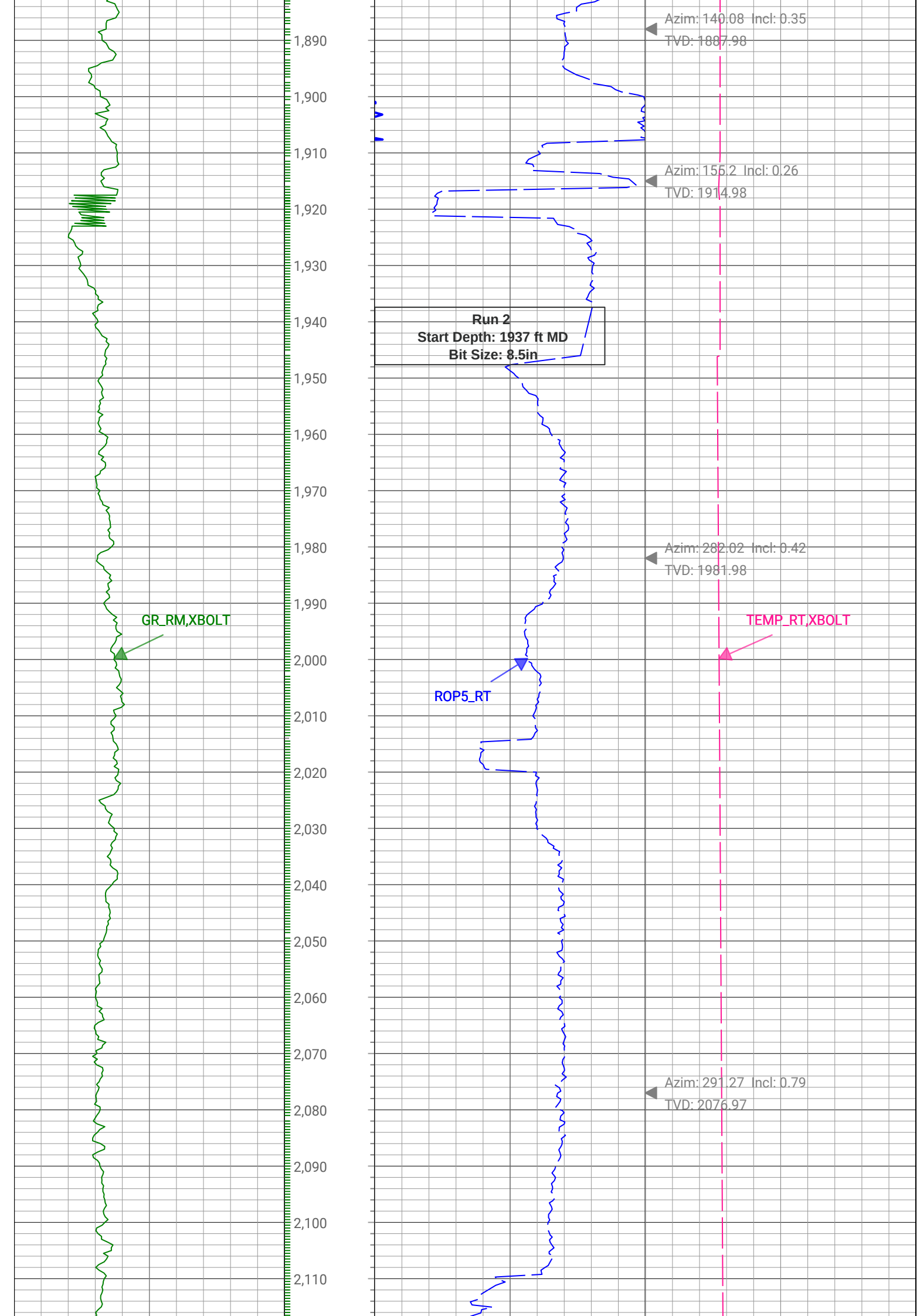
1,210
1,220
1,230
1,240
1,250
1,260
1,270
1,280
1,290
1,300
1,310
1,320
1,330
1,340
1,350
1,360
1,370
1,380
1,390
1,400
1,410
Azim: 102.95 Incl: 0.15
TVD: 1224.99
TEMP_RT,XBOLT
ROP5_RT
GR_RM,XBOLT
Azim: 203.14 Incl: 0.38
TVD: 1318.99
Azim: 176.87 Incl: 0.38


TVD: 1413.99
1,420
1,430
1,440
1,450
1,460
1,470
1,480
1,490
1,500
1,510
1,520
1,530
1,540
1,550
1,560
1,570
1,580
1,590
1,600
1,610
1,620
1,630
1,640
Azim: 56.83 Incl: 0.44
TVD: 1508.99
TEMP_RT,XBOLT
GR_RM,XBOLT
ROP5_RT
Azim: 74.83 Incl: 0.48
TVD: 1603.98


1,650
1,660
1,670
1,680
1,690
1,700
1,710
1,720
1,730
1,740
1,750
1,760
1,770
1,780
1,790
1,800
1,810
1,820
1,830
1,840
1,850
1,860
1,870
1,880
Azim: 110.64 Incl: 0.37
TVD: 1697.98
GR_RM,XBOLT
TEMP_RT,XBOLT
ROP5_RT
Azim: 144.84 Incl: 0.12
TVD: 1792.98


Azim: 140.08 Incl: 0.35
TVD: 1887.98
Azim: 155.2 Incl: 0.26
TVD: 1914.98
Run 2
Start Depth: 1937 ft MD
Bit Size: 8.5in
Azim: 282.02 Incl: 0.42
TVD: 1981.98
GR_RM,XBOLT
TEMP_RT,XBOLT
ROP5_RT
Azim: 291.27 Incl: 0.79
TVD: 2076.97
1,890
1,900
1,910
1,920
1,930
1,940
1,950
1,960
1,970
1,980
1,990
2,000
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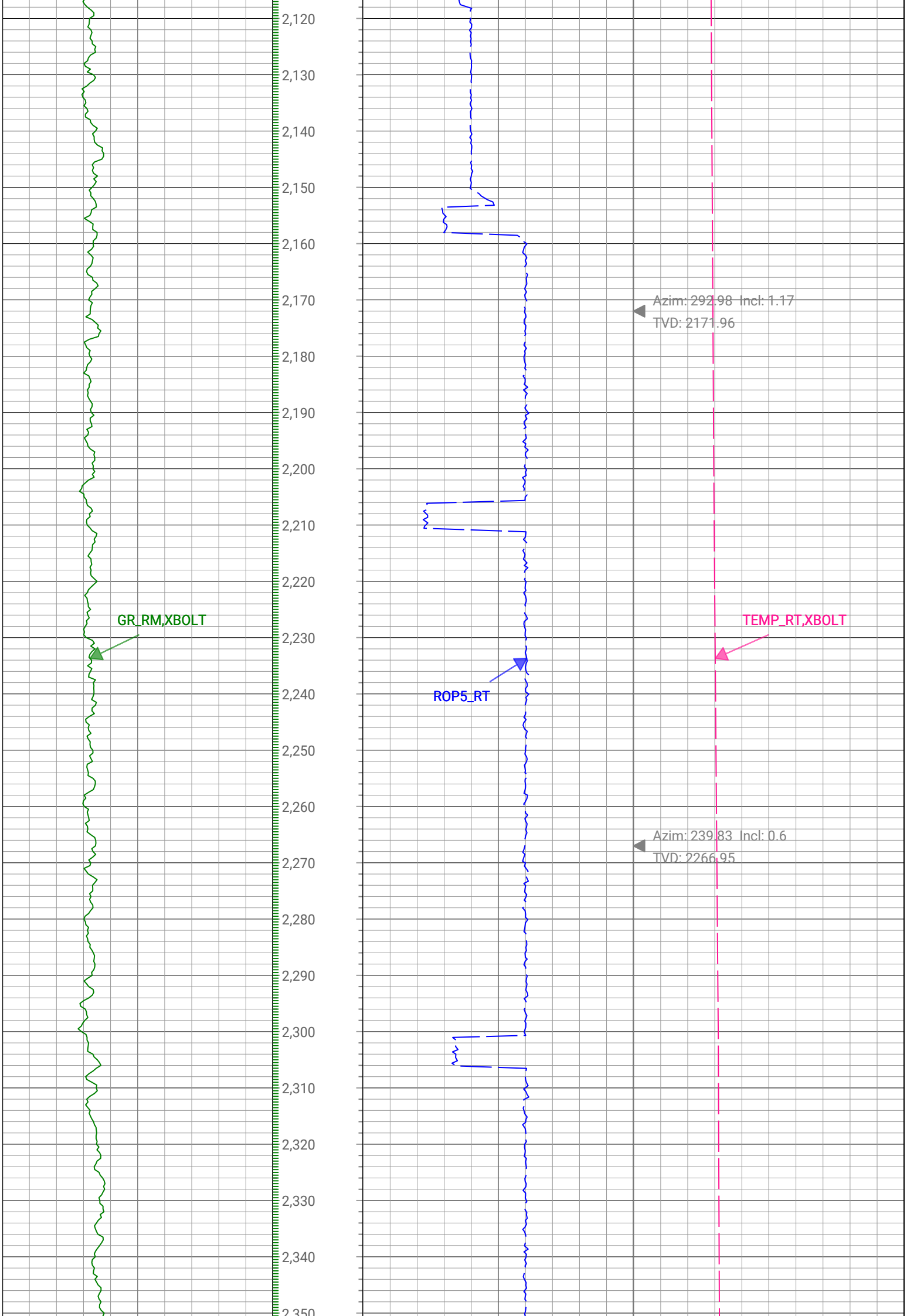
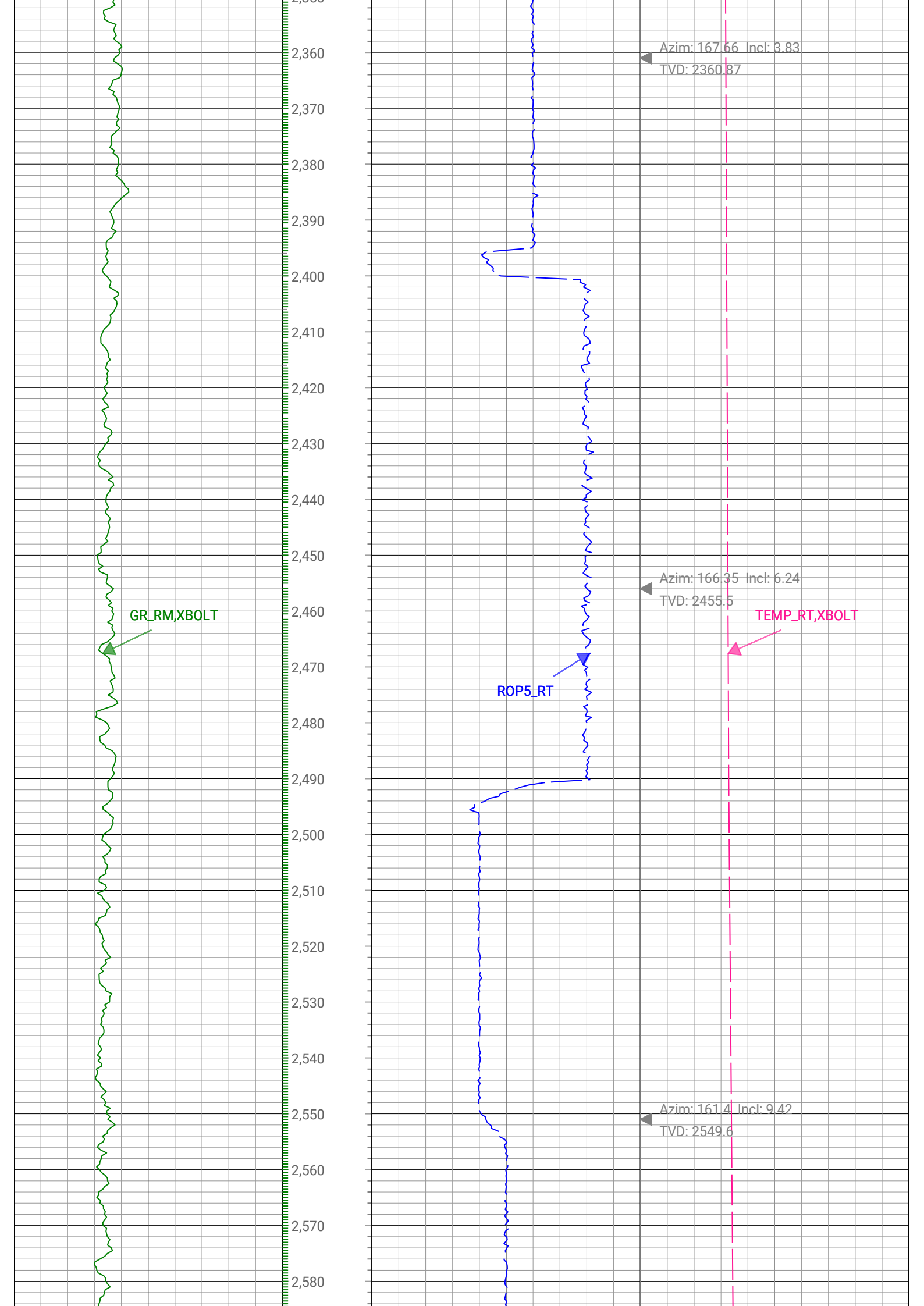
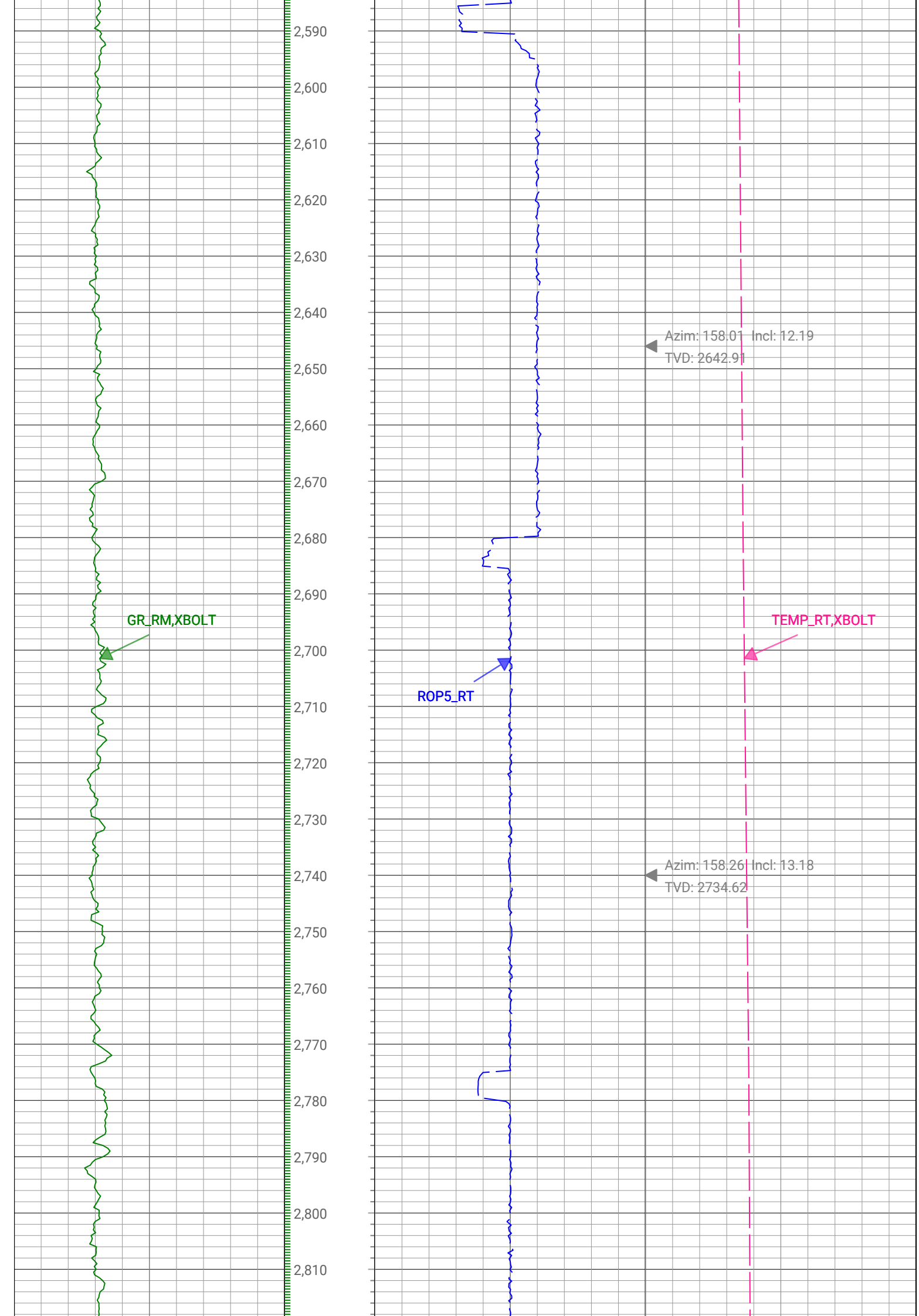
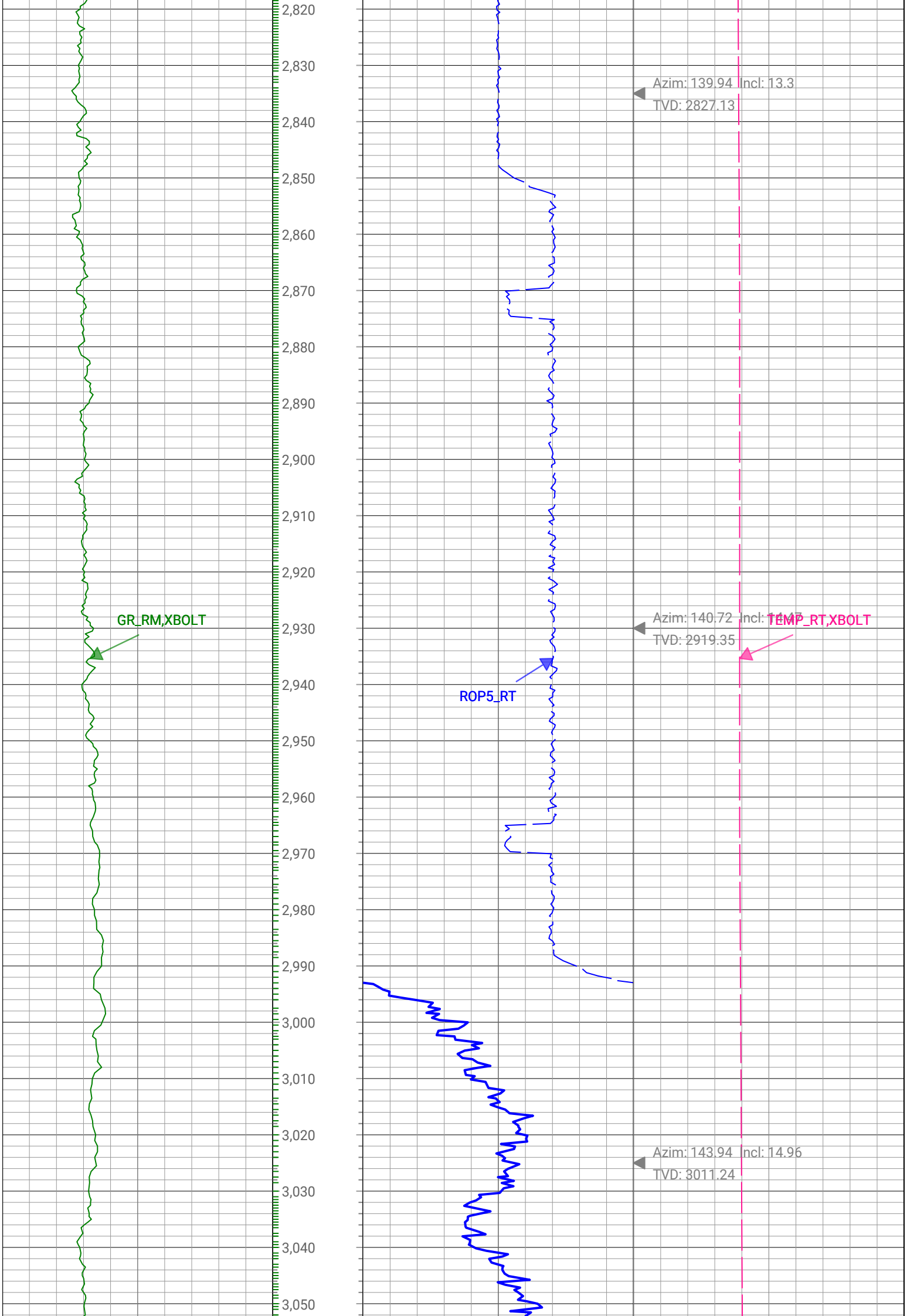
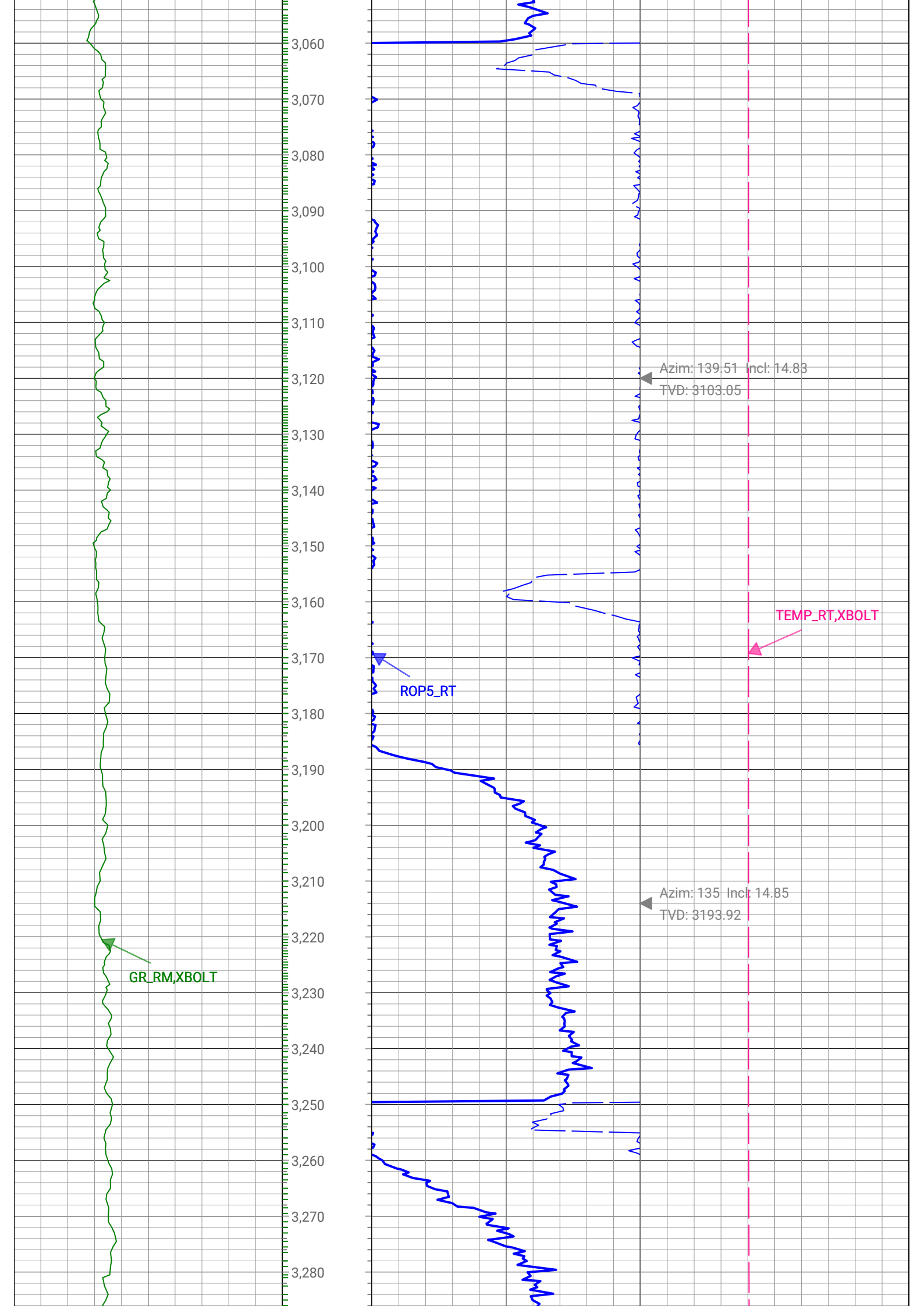
2,060
2,070
2,080
2,090
2,100
2,110


2,120
2,130
2,140
2,150
2,160
2,170
2,180
2,190
2,200
2,210
2,220
2,230
2,240
2,250
2,260
2,270
2,280
2,290
2,300
2,310
2,320
2,330
2,340
2,350
GR_RM,XBOLT
ROP5_RT
TEMP_RT,XBOLT
Azim: 292.98 Incl: 1.17
TVD: 2171.96
Azim: 239.83 Incl: 0.6
TVD: 2266.95


2,360
2,370
2,380
2,390
2,400
2,410
2,420
2,430
2,440
2,450
2,460
2,470
2,480
2,490
2,500
2,510
2,520
2,530
2,540
2,550
2,560
2,570
2,580
GR_RM,XBOLT
ROP5_RT
TEMP_RT,XBOLT
Azim: 167.66 Incl: 3.83
TVD: 2360.87
Azim: 166.35 Incl: 6.24
TVD: 2455.5
Azim: 161.4 Incl: 9.42
TVD: 2549.6


2,590
2,600
2,610
2,620
2,630
2,640
2,650
2,660
2,670
2,680
2,690
2,700
2,710
2,720
2,730
2,740
2,750
2,760
2,770
2,780
2,790
2,800
2,810
GR_RM,XBOLT
ROP5_RT
Azim: 158.01 Incl: 12.19
TVD: 2642.91
TEMP_RT,XBOLT
Azim: 158.26 Incl: 13.18
TVD: 2734.62


2,820
2,830
2,840
2,850
2,860
2,870
2,880
2,890
2,900
2,910
2,920
2,930
2,940
2,950
2,960
2,970
2,980
2,990
3,000
3,010
3,020
3,030
3,040
3,050
GR_RM,XBOLT
ROP5_RT
TEMP_RT,XBOLT
Azim: 139.94 Incl: 13.3
TVD: 2827.13
Azim: 140.72 Incl: 14.47
TVD: 2919.35
Azim: 143.94 Incl: 14.96
TVD: 3011.24


3,060
3,070
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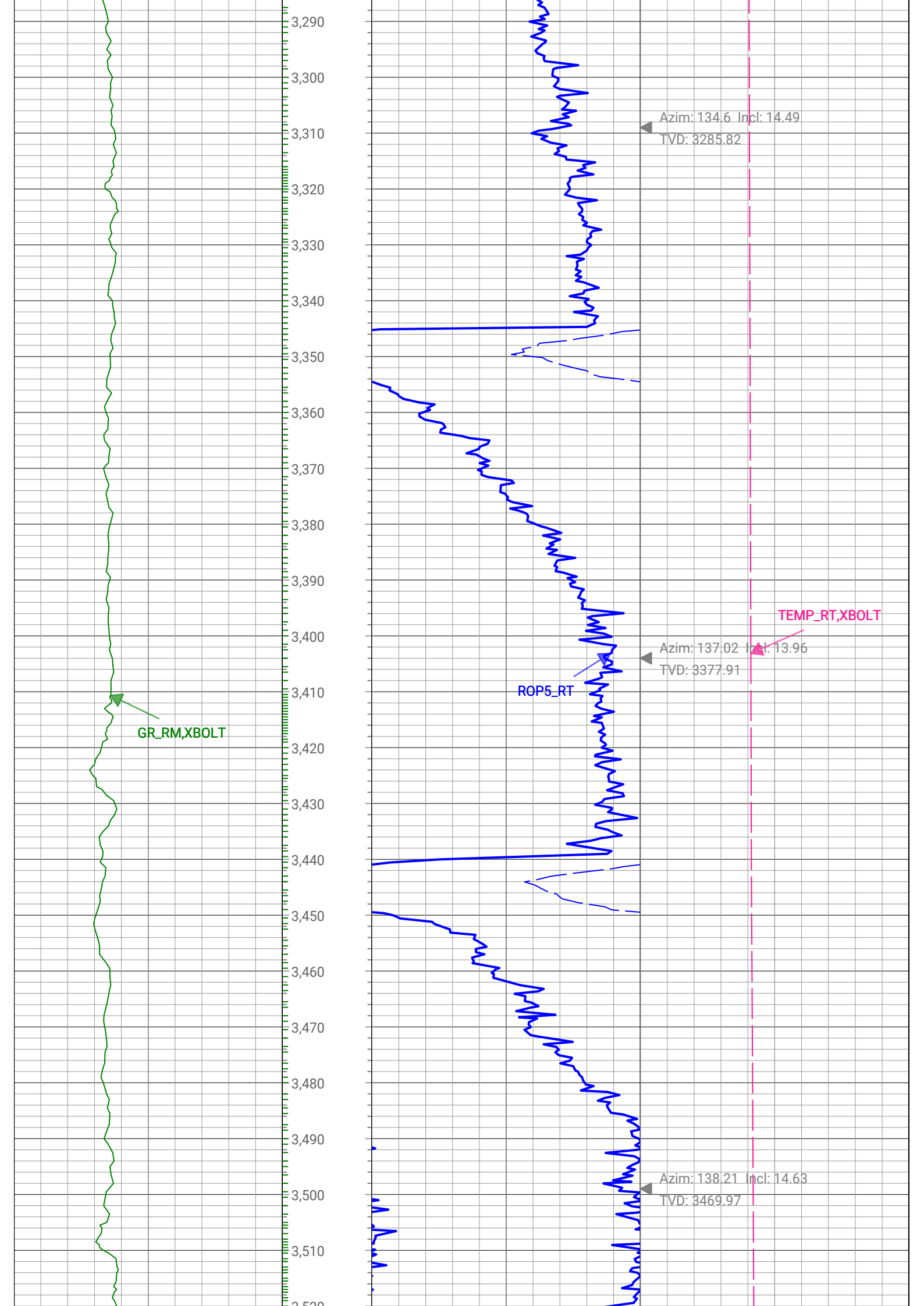
3,090
3,100
3,110
3,120
3,130
3,140
3,150
3,160
3,170
3,180
3,190
3,200
3,210
3,220
3,230
3,240
3,250
3,260
3,270
3,280
Azim: 139.51 Incl: 14.83
TVD: 3103.05
TEMP_RT,XBOLT
ROP5_RT
Azim: 135 Incl: 14.85
TVD: 3193.92
GR_RM,XBOLT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3,330
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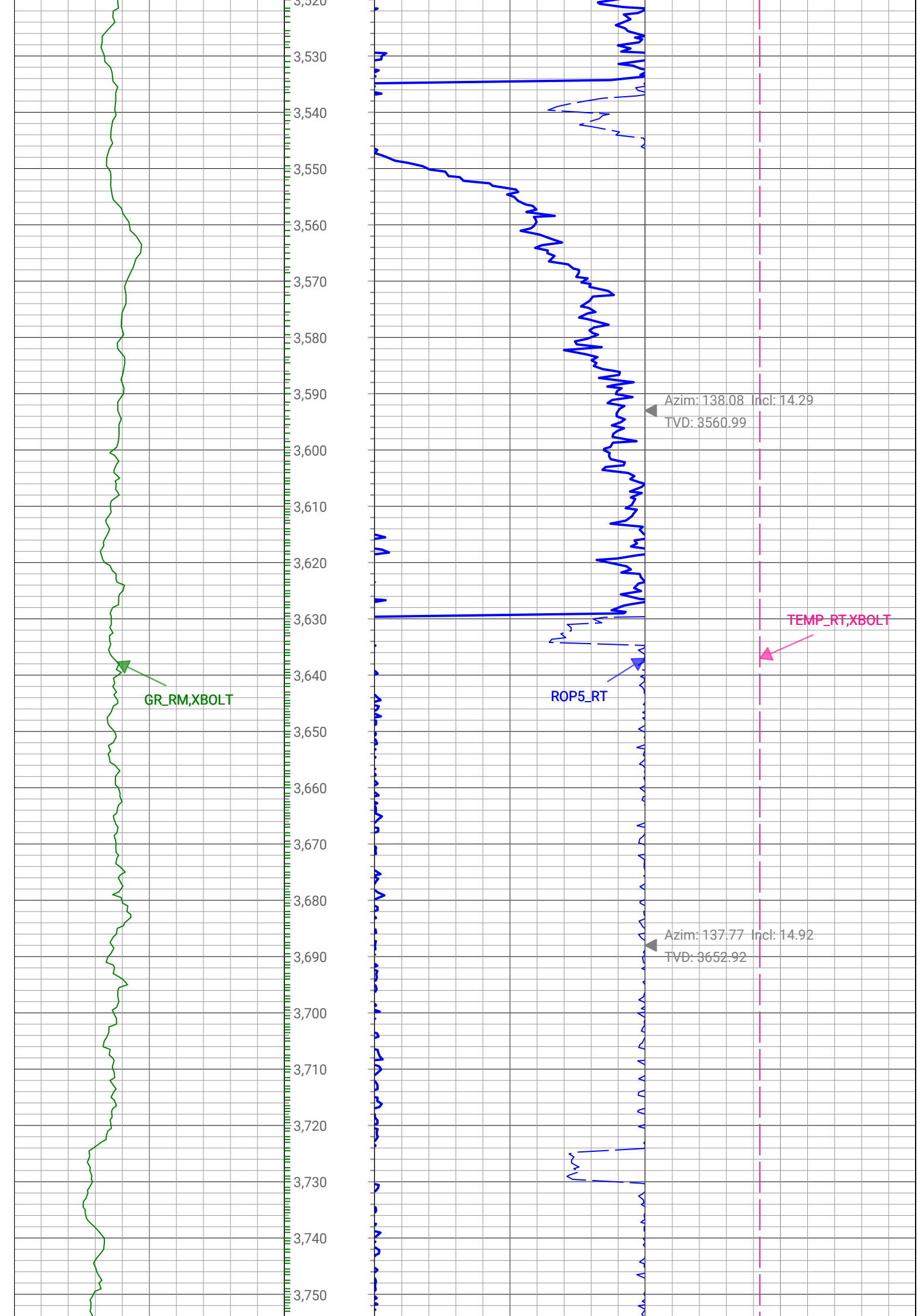
3,350
3,360
3,370
3,380
3,390
3,400
3,410
3,420
3,430
3,440
3,450
3,460
3,470
3,480
3,490
3,500
3,510
Azim: 134.6 Incl: 14.49
TVD: 3285.82
Azim: 137.02 Incl: 13.96
TVD: 3377.91
Azim: 138.21 Incl: 14.63
TVD: 3469.97
TEMP_RT,XBOLT
ROP5_RT
GR_RM,XBOLT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3,580
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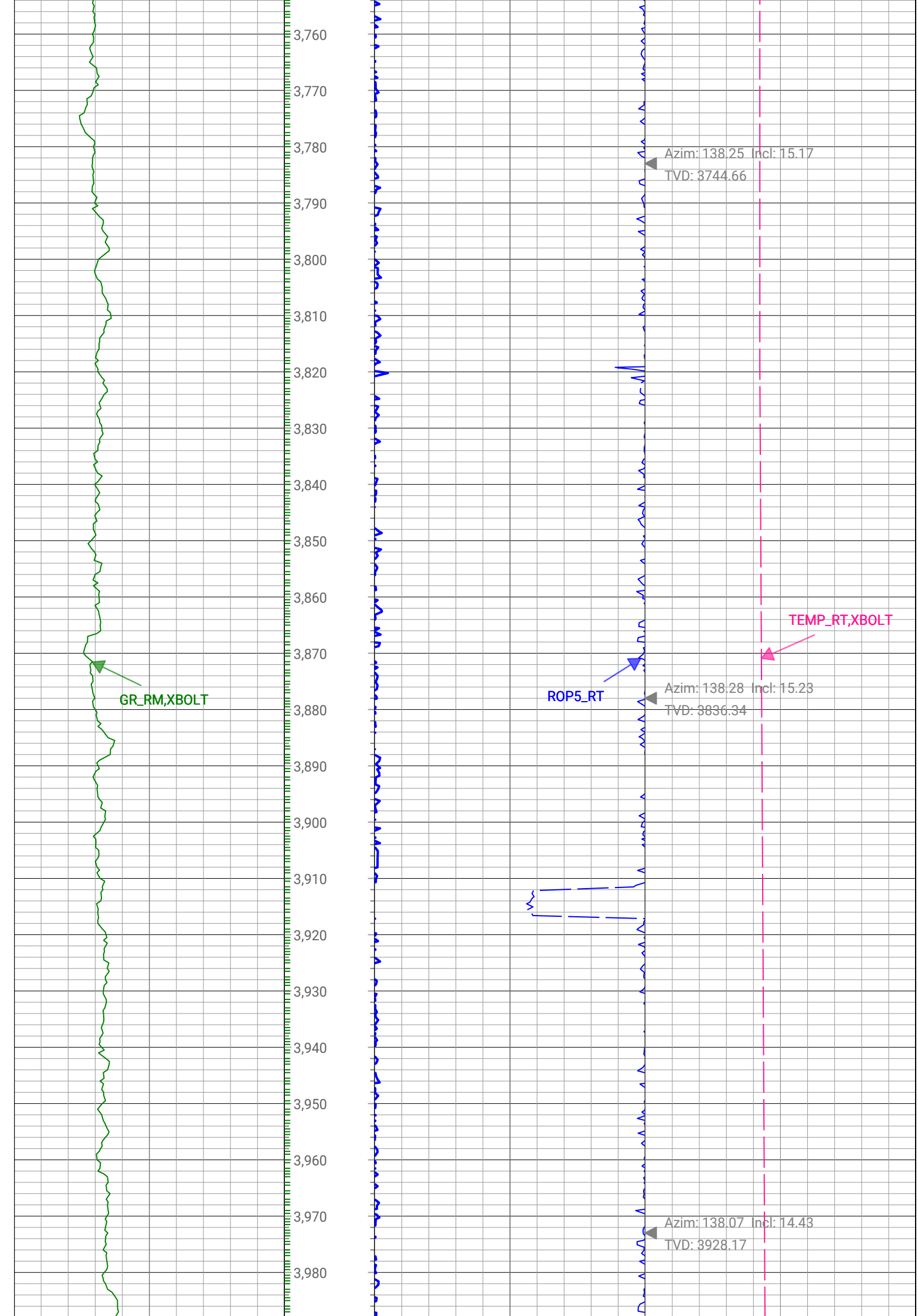
3,600
3,610
3,620
3,630
3,640
3,650
3,660
3,670
3,680
3,690
3,700
3,710
3,720
3,730
3,740
3,750
Azim: 138.08 Incl: 14.29
TVD: 3560.99
Azim: 137.77 Incl: 14.92
TVD: 3652.92
TEMP_RT,XBOLT
ROP5_RT
GR_RM,XBOLT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3,840
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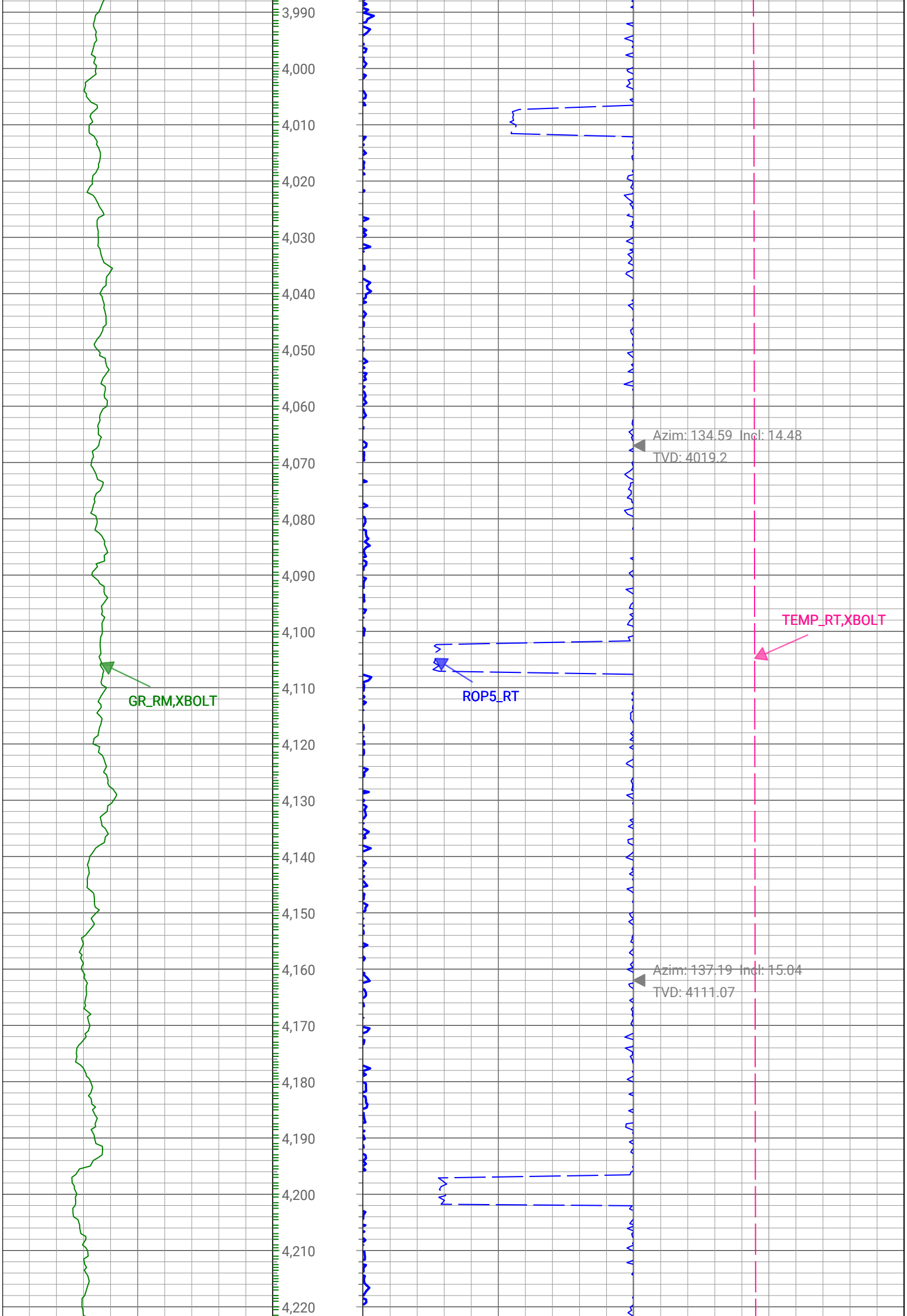
3,860
3,870
3,880
3,890
3,900
3,910
3,920
3,930
3,940
3,950
3,960
3,970
3,980
GR_RM,XBOLT
ROP5_RT
TEMP_RT,XBOLT
Azim: 138.25 Incl: 15.17
TVD: 3744.66
Azim: 138.28 Incl: 15.23
TVD: 3836.34
Azim: 138.07 Incl: 14.43
TVD: 3928.17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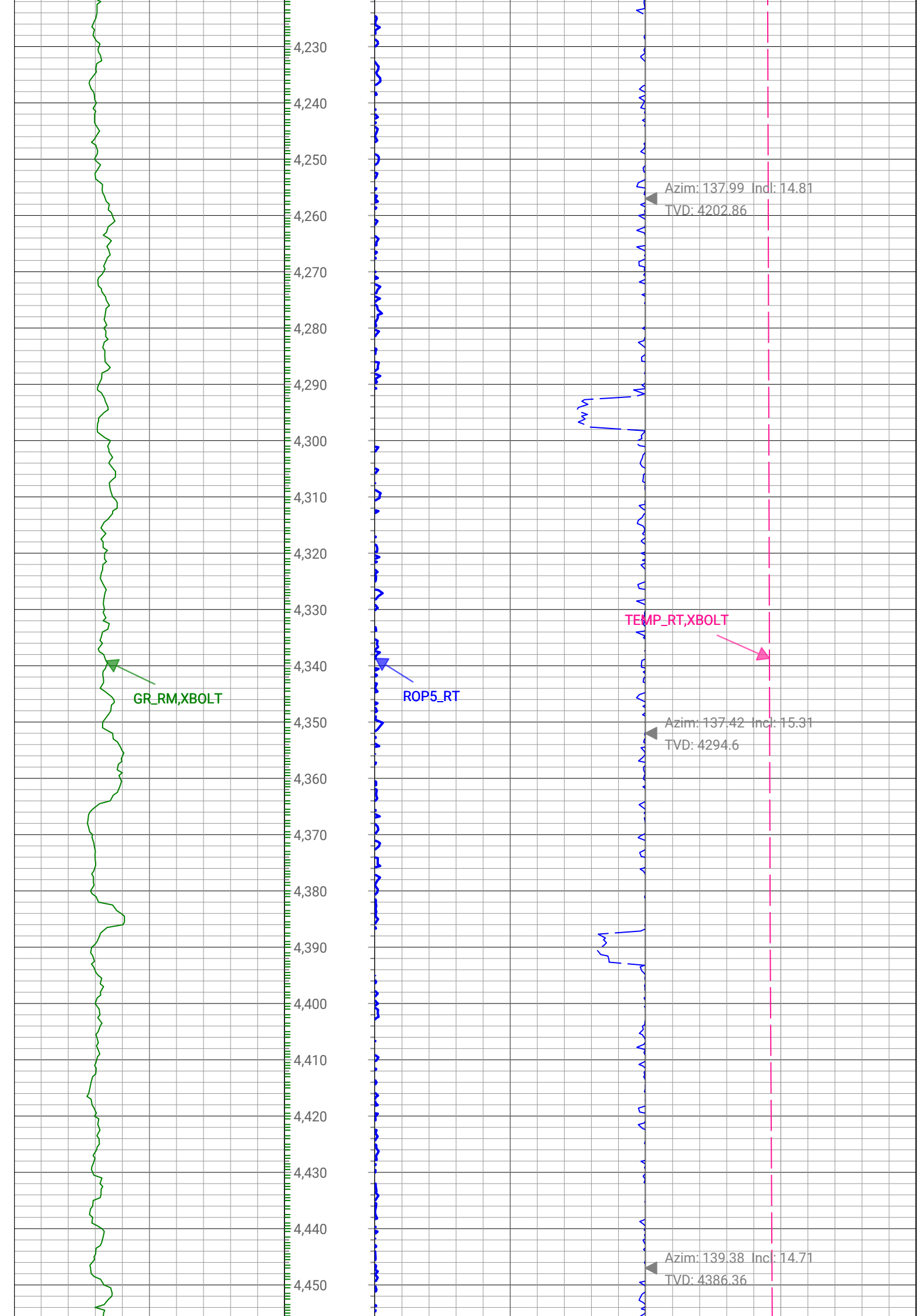
4,000
4,010
4,020
4,030
4,040
4,050
4,060
4,070
4,080
4,090
4,100
4,110
4,120
4,130
4,140
4,150
4,160
4,170
4,180
4,190
4,200
4,210
4,220
Azim: 134.59 Incl: 14.48
TVD: 4019.2
TEMP_RT,XBOLT
ROP5_RT
GR_RM,XBOLT
Azim: 137.19 Incl: 15.04
TVD: 4111.07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4,330
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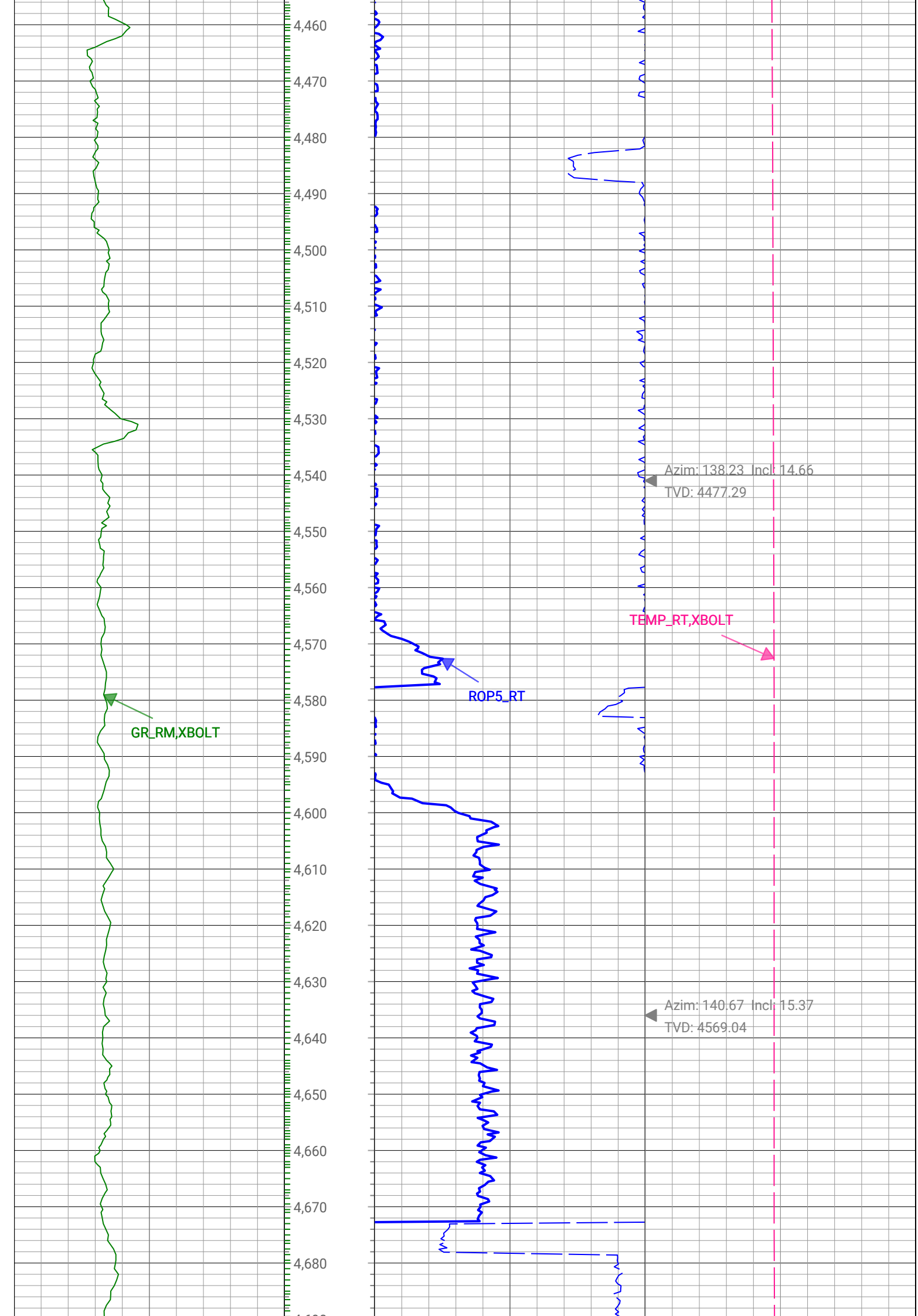
4,350
4,360
4,370
4,380
4,390
4,400
4,410
4,420
4,430
4,440
4,450
GR_RM,XBOLT
ROP5_RT
TEMP_RT,XBOLT
Azim: 137.99 Incl: 14.81
TVD: 4202.86
Azim: 137.42 Incl: 15.31
TVD: 4294.6
Azim: 139.38 Incl: 14.71
TVD: 4386.36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4,520
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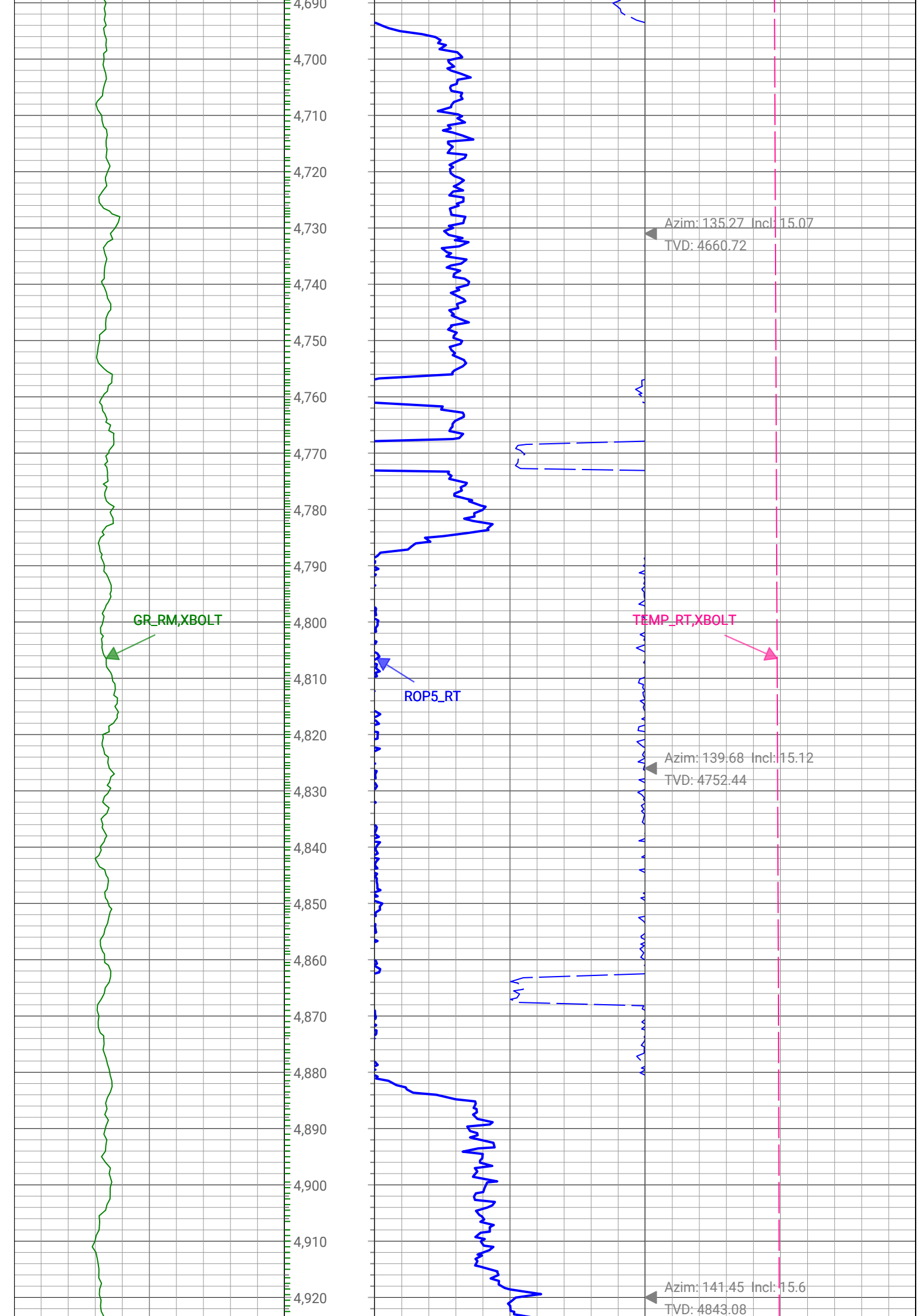
4,560
4,570
4,580
4,590
4,600
4,610
4,620
4,630
4,640
4,650
4,660
4,670
4,680
Azim: 138.23 Incl: 14.66
TVD: 4477.29
TEMP_RT,XBOLT
ROP5_RT
GR_RM,XBOLT
Azim: 140.67 Incl: 15.37
TVD: 4569.04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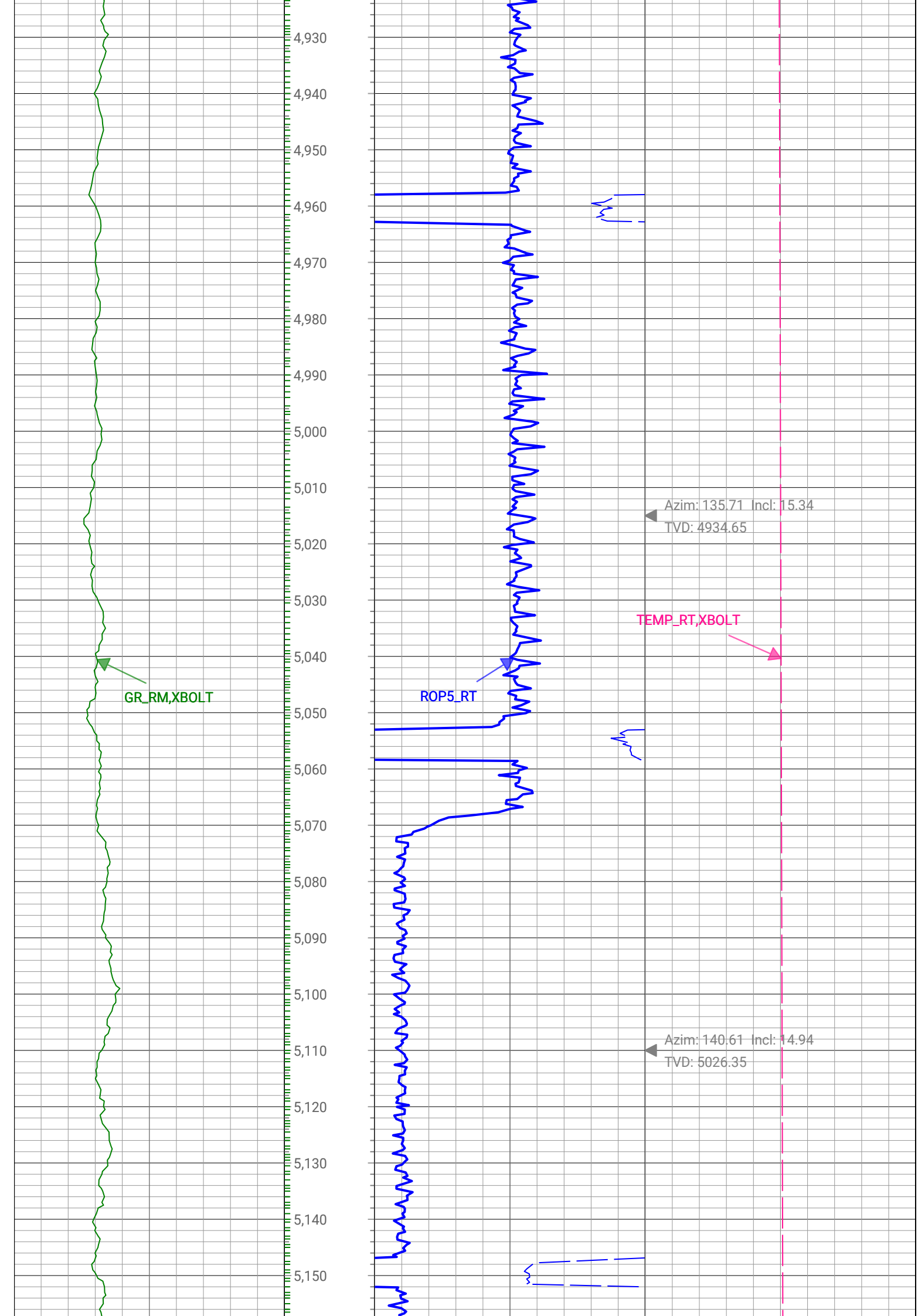
4,760
4,770
4,780
4,790
4,800
4,810
4,820
4,830
4,840
4,850
4,860
4,870
4,880
4,890
4,900
4,910
4,920
GR_RM,XBOLT
ROP5_RT
TEMP_RT,XBOLT
Azim: 135.27 Incl: 15.07
TVD: 4660.72
Azim: 139.68 Incl: 15.12
TVD: 4752.44
Azim: 141.45 Incl: 15.6
TVD: 4843.08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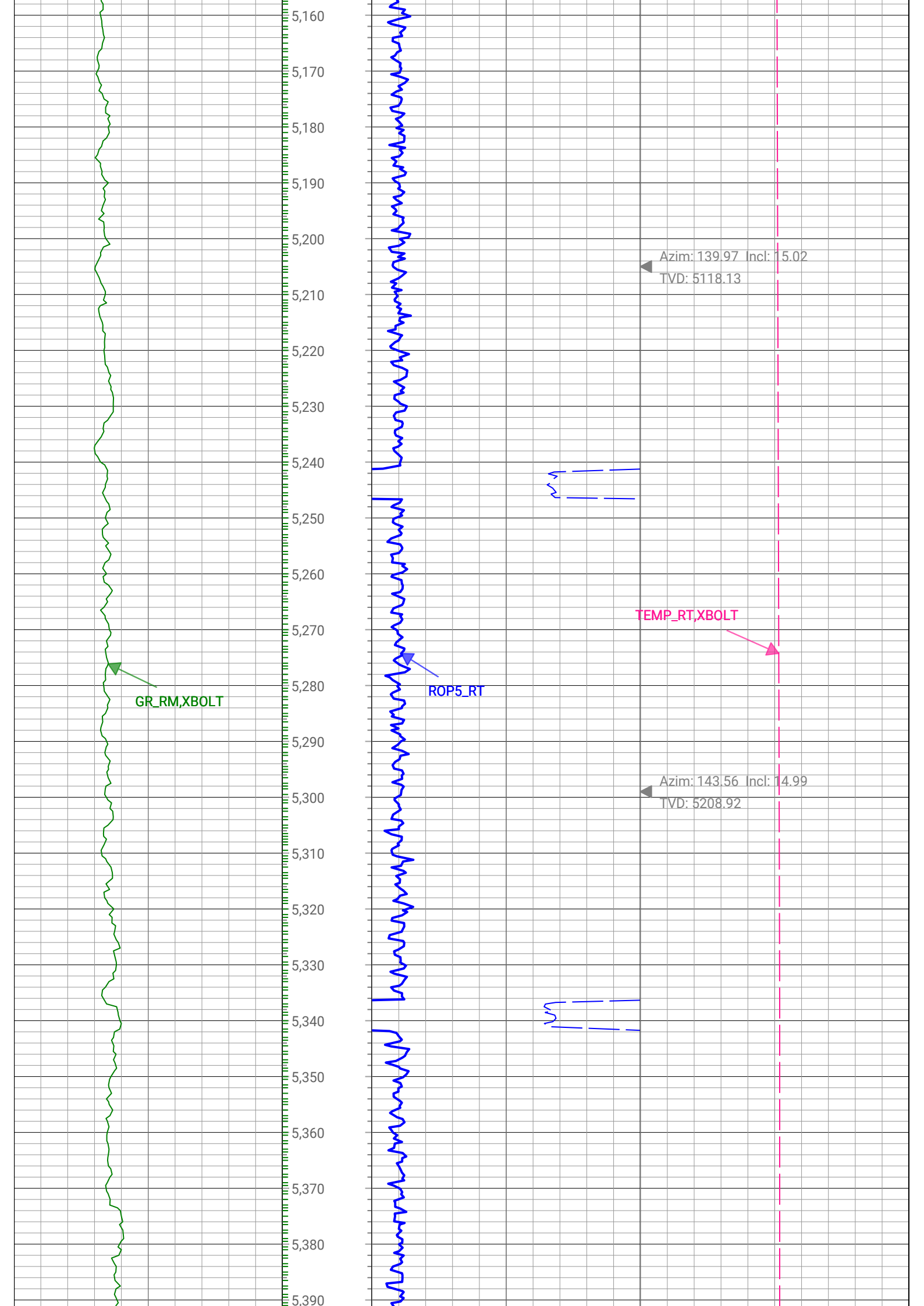
4,960
4,970
4,980
4,990
5,000
5,010
5,020
5,030
5,040
5,050
5,060
5,070
5,080
5,090
5,100
5,110
5,120
5,130
5,140
5,150
Azim: 135.71 Incl: 15.34
TVD: 4934.65
TEMP_RT,XBOLT
GR_RM,XBOLT
ROP5_RT
Azim: 140.61 Incl: 14.94
TVD: 5026.35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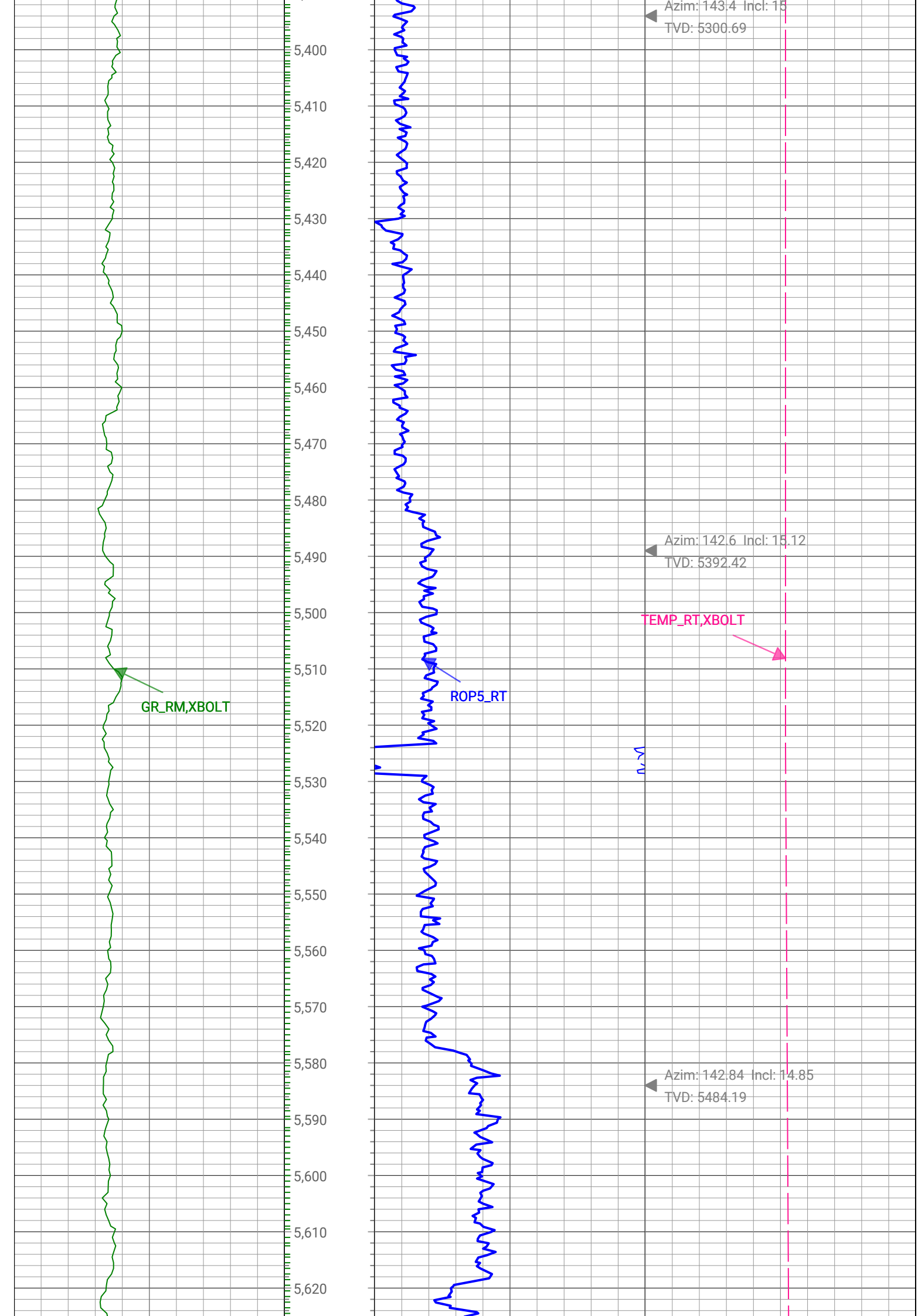
5,250
5,260
5,270
5,280
5,290
5,300
5,310
5,320
5,330
5,340
5,350
5,360
5,370
5,380
5,390
Azim: 139.97 Incl: 15.02
TVD: 5118.13
TEMP_RT,XBOLT
GR_RM,XBOLT
ROP5_RT
Azim: 143.56 Incl: 14.99
TVD: 5208.92


Azim: 143.4 Incl: 15
TVD: 5300.69
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5,410
5,420
5,430
5,440
5,450
5,460
5,470
5,480
Azim: 142.6 Incl: 15.12
TVD: 5392.42
5,490
5,500
TEMP_RT,XBOLT
5,510
GR_RM,XBOLT
ROP5_RT
5,520
5,530
5,540
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5,560
5,570
5,580
Azim: 142.84 Incl: 14.85
TVD: 5484.19
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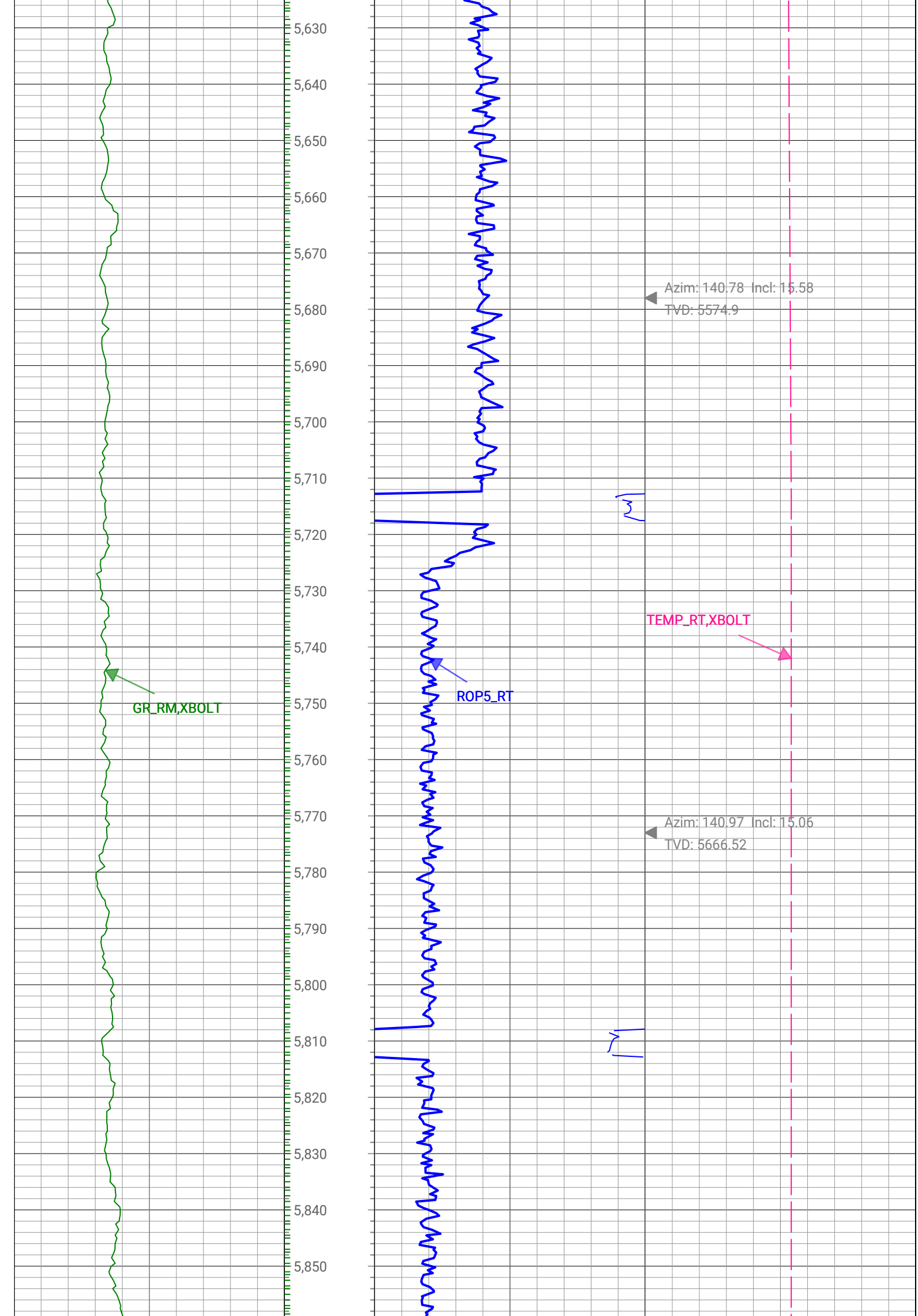
5,600
5,610
5,620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5,640
5,650
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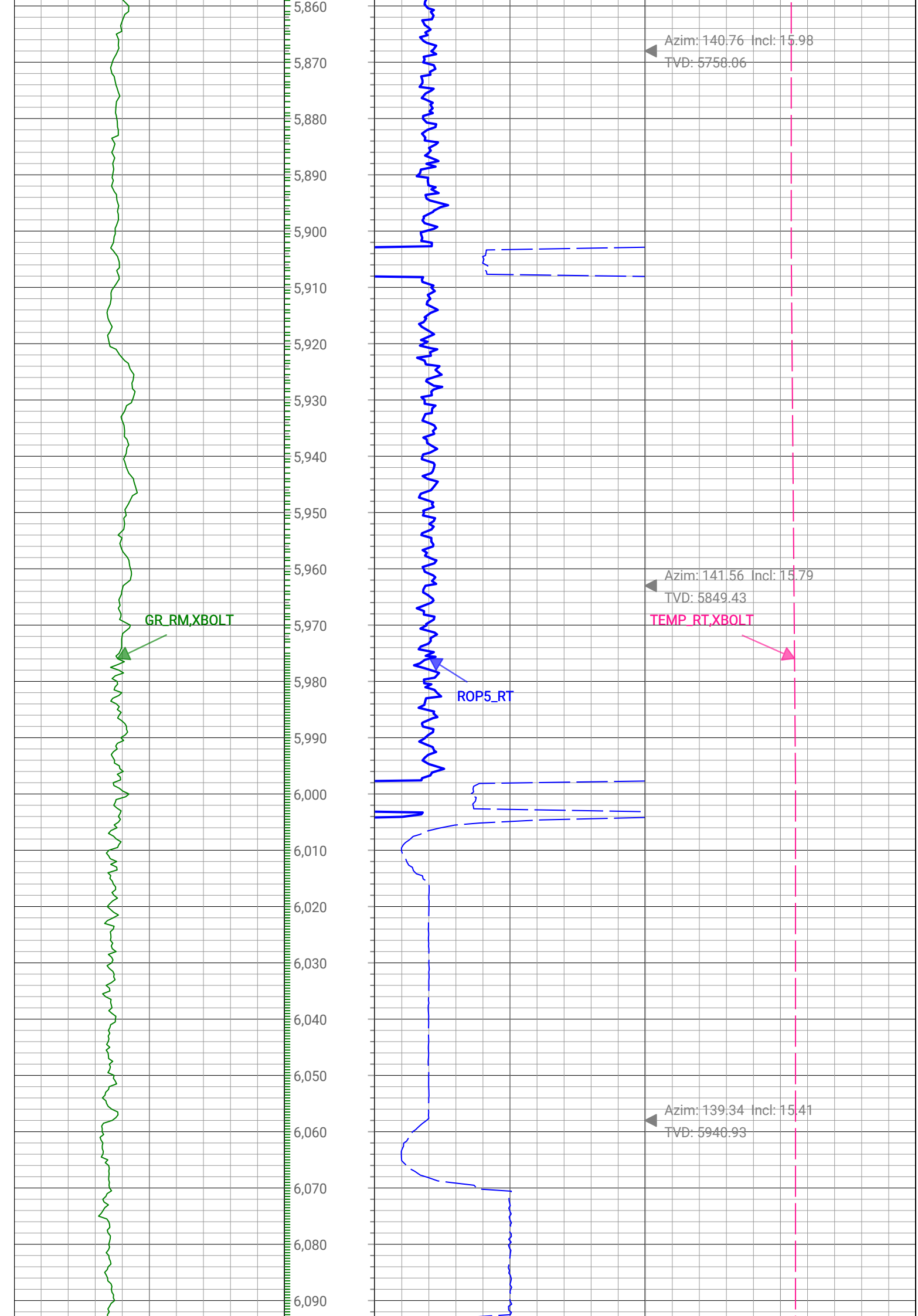
5,670
5,680
5,690
5,700
5,710
5,720
5,730
5,740
5,750
5,760
5,770
5,780
5,790
5,800
5,810
5,820
5,830
5,840
5,850
Azim: 140.78 Incl: 15.58
TVD: 5574.9
TEMP_RT,XBOLT
GR_RM,XBOLT
ROP5_RT
Azim: 140.97 Incl: 15.06
TVD: 5666.52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5,880
5,890
5,900
5,910
5,920
5,930
5,940
5,950
5,960
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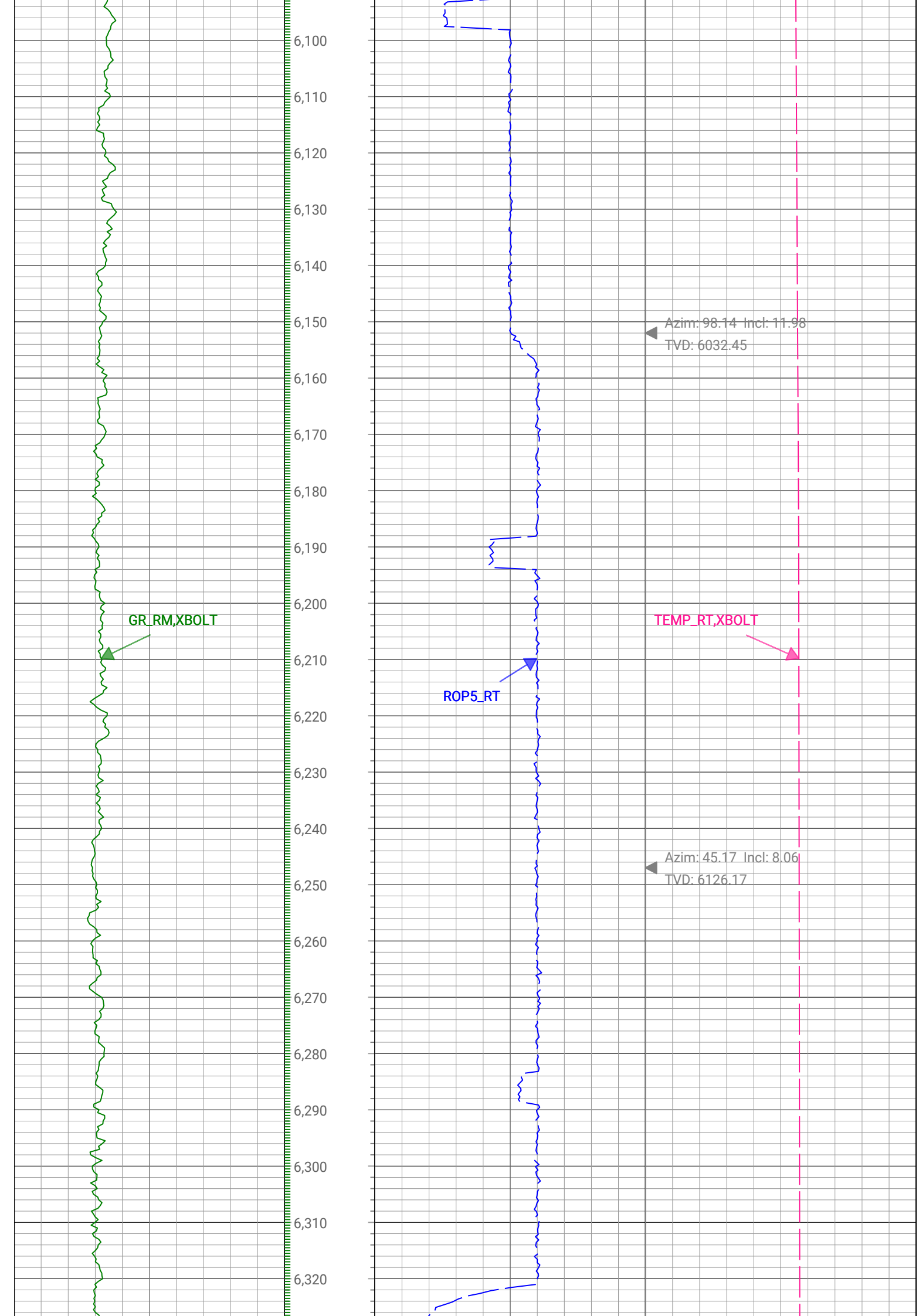
5,980
5,990
6,000
6,010
6,020
6,030
6,040
6,050
6,060
6,070
6,080
6,090
Azim: 140.76 Incl: 15.98
TVD: 5758.06
Azim: 141.56 Incl: 15.79
TVD: 5849.43
Azim: 139.34 Incl: 15.41
TVD: 5940.93
GR_RM,XBOLT
ROP5_RT
TEMP_RT,XBOLT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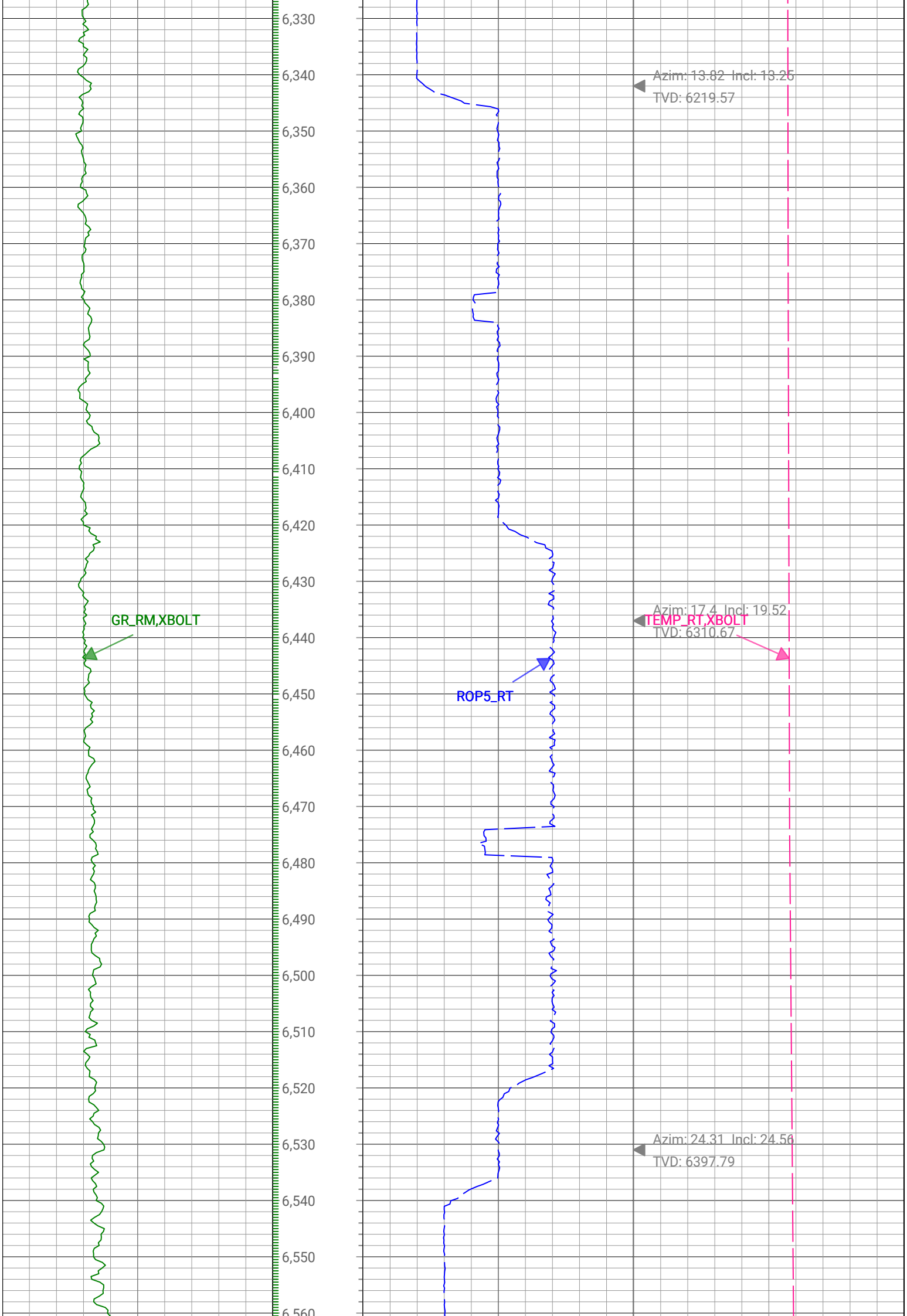
6,110
6,120
6,130
6,140
6,150
6,160
6,170
6,180
6,190
6,200
6,210
6,220
6,230
6,240
6,250
6,260
6,270
6,280
6,290
6,300
6,310
6,320
Azim: 98.14 Incl: 11.98
TVD: 6032.45
Azim: 45.17 Incl: 8.06
TVD: 6126.17
GR_RM,XBOLT
TEMP_RT,XBOLT
ROP5_RT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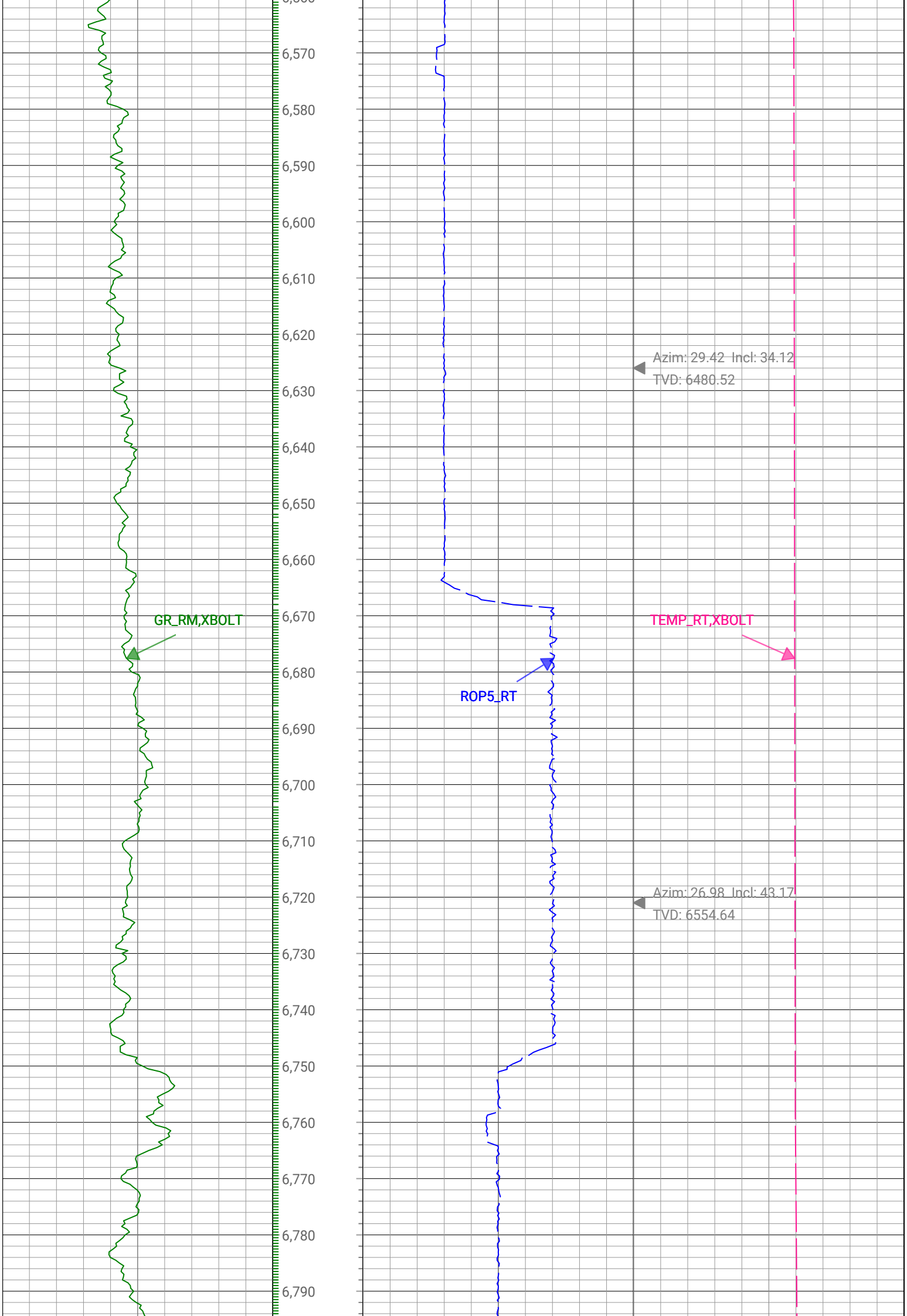
6,340
6,350
6,360
6,370
6,380
6,390
6,400
6,410
6,420
6,430
6,440
6,450
6,460
6,470
6,480
6,490
6,500
6,510
6,520
6,530
6,540
6,550
6,560
GR_RM,XBOLT
ROP5_RT
Azim: 13.82 Incl: 13.25
TVD: 6219.57
Azim: 17.4 Incl: 19.52
TVD: 6310.67
TEMP_RT,XBOLT
Azim: 24.31 Incl: 24.56
TVD: 6397.79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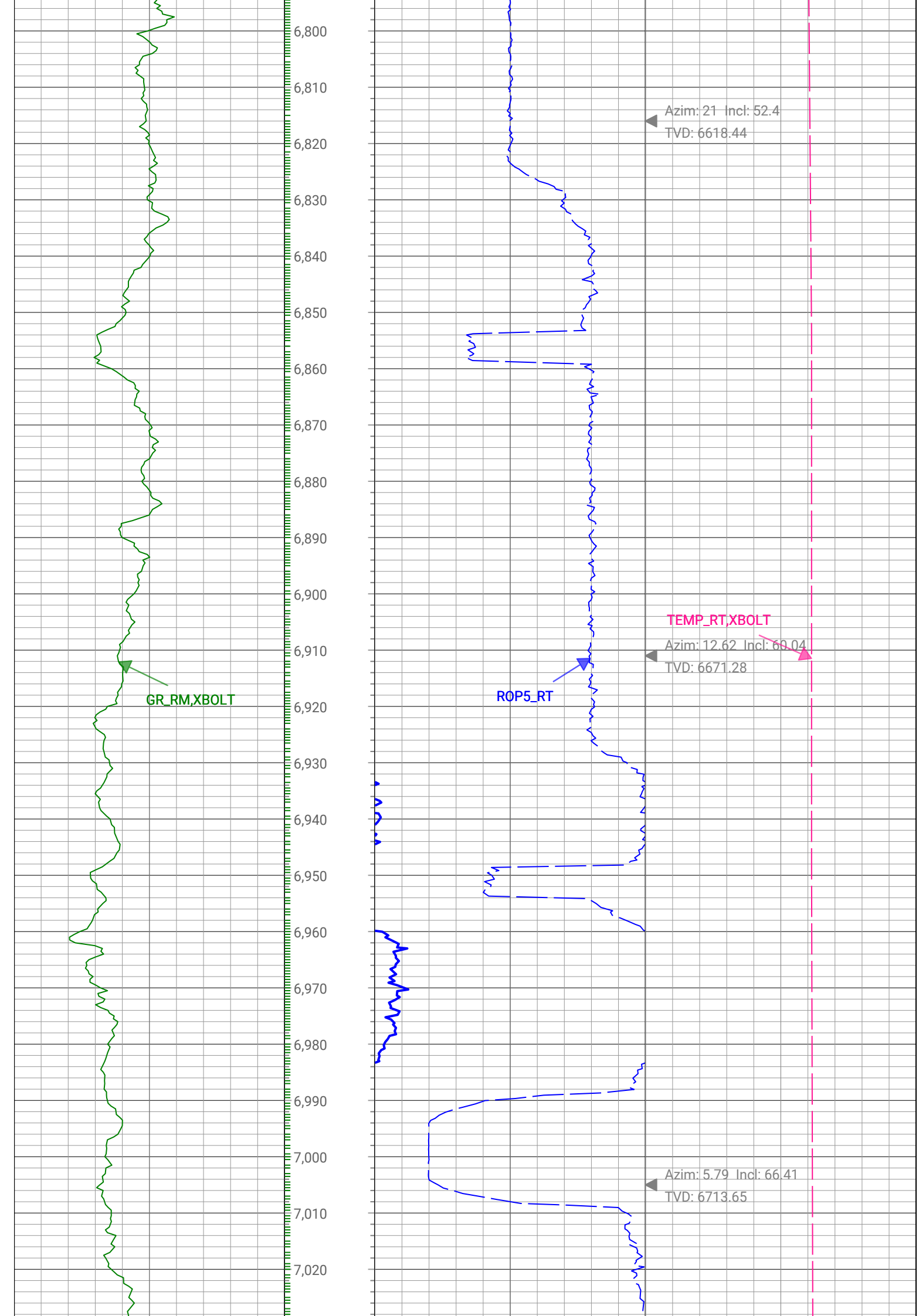
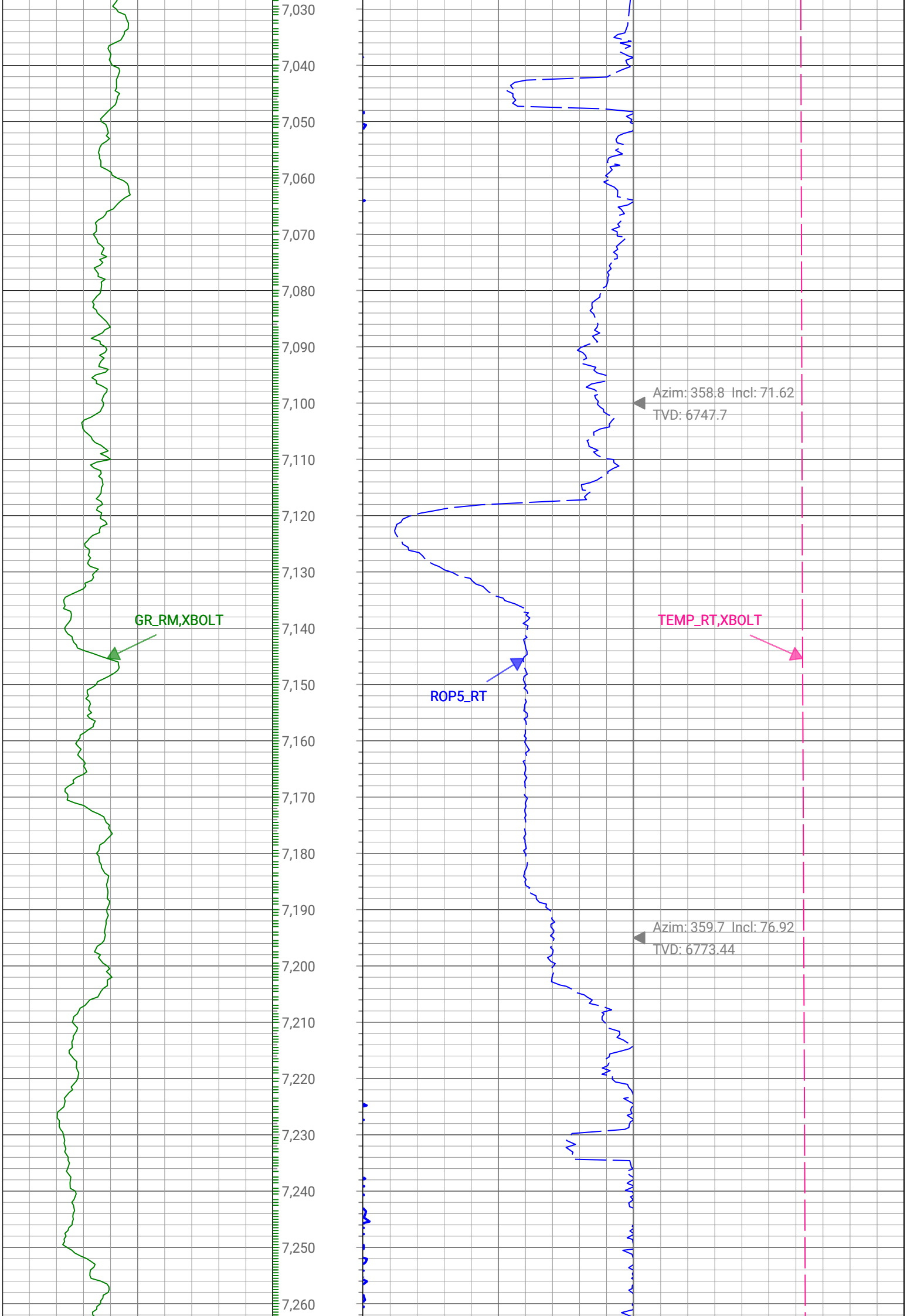
6,620
6,630
6,640
6,650
6,660
6,670
6,680
6,690
6,700
6,710
6,720
6,730
6,740
6,750
6,760
6,770
6,780
6,790
GR_RM,XBOLT
ROP5_RT
TEMP_RT,XBOLT
Azim: 29.42 Incl: 34.12
TVD: 6480.52
Azim: 26.98 Incl: 43.17
TVD: 6554.64


6,800
6,810
6,820
6,830
6,840
6,850
6,860
6,870
6,880
6,890
6,900
6,910
6,920
6,930
6,940
6,950
6,960
6,970
6,980
6,990
7,000
7,010
7,020
GR_RM,XBOLT
ROP5_RT
Azim: 21 Incl: 52.4
TVD: 6618.44
TEMP_RT,XBOLT
Azim: 12.62 Incl: 60.04
TVD: 6671.28
Azim: 5.79 Incl: 66.41
TVD: 6713.65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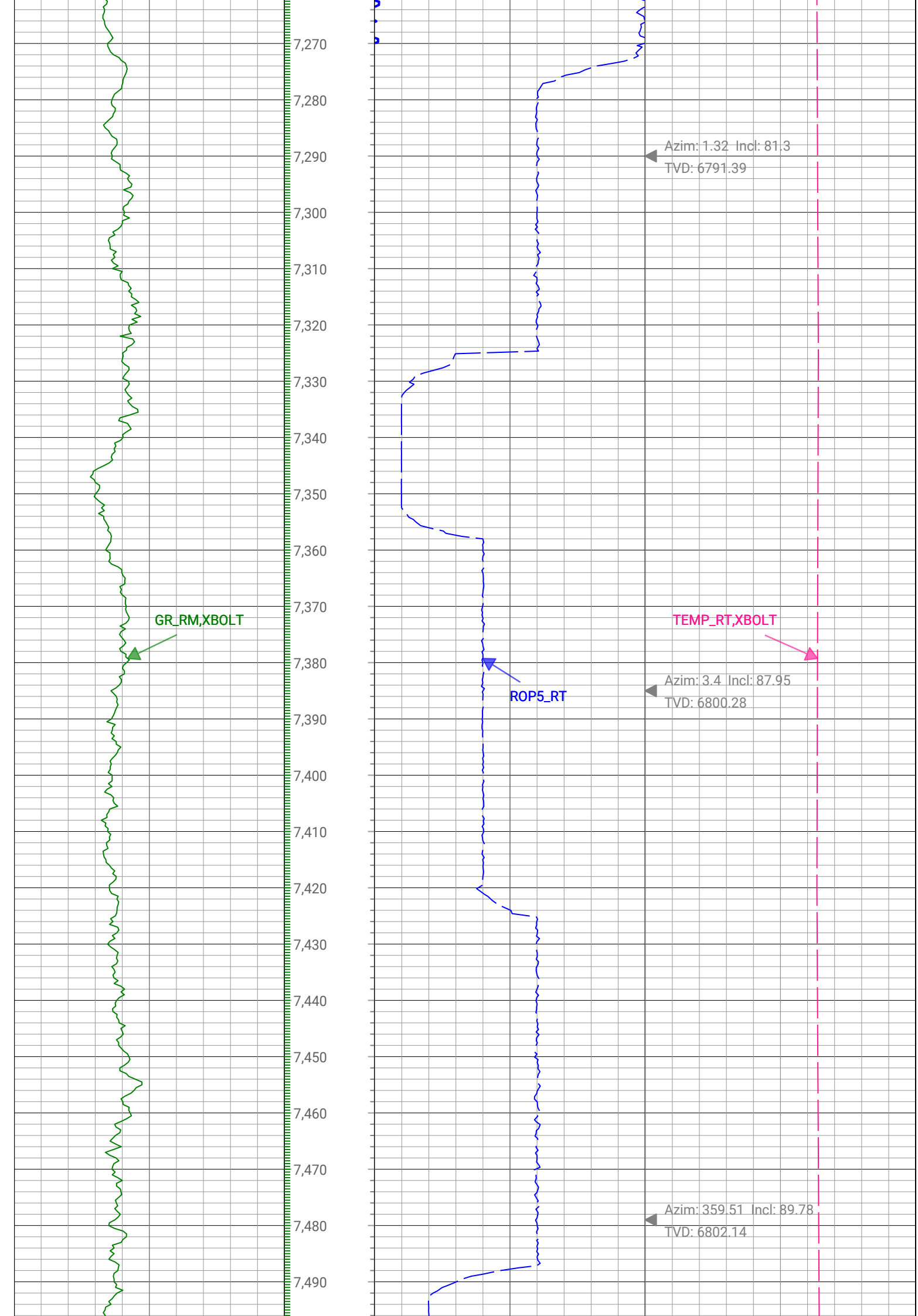
7,040
7,050
7,060
7,070
7,080
7,090
7,100
7,110
7,120
7,130
7,140
7,150
7,160
7,170
7,180
7,190
7,200
7,210
7,220
7,230
7,240
7,250
7,260
GR_RM,XBOLT
ROP5_RT
TEMP_RT,XBOLT
Azim: 358.8 Incl: 71.62
TVD: 6747.7
Azim: 359.7 Incl: 76.92
TVD: 6773.44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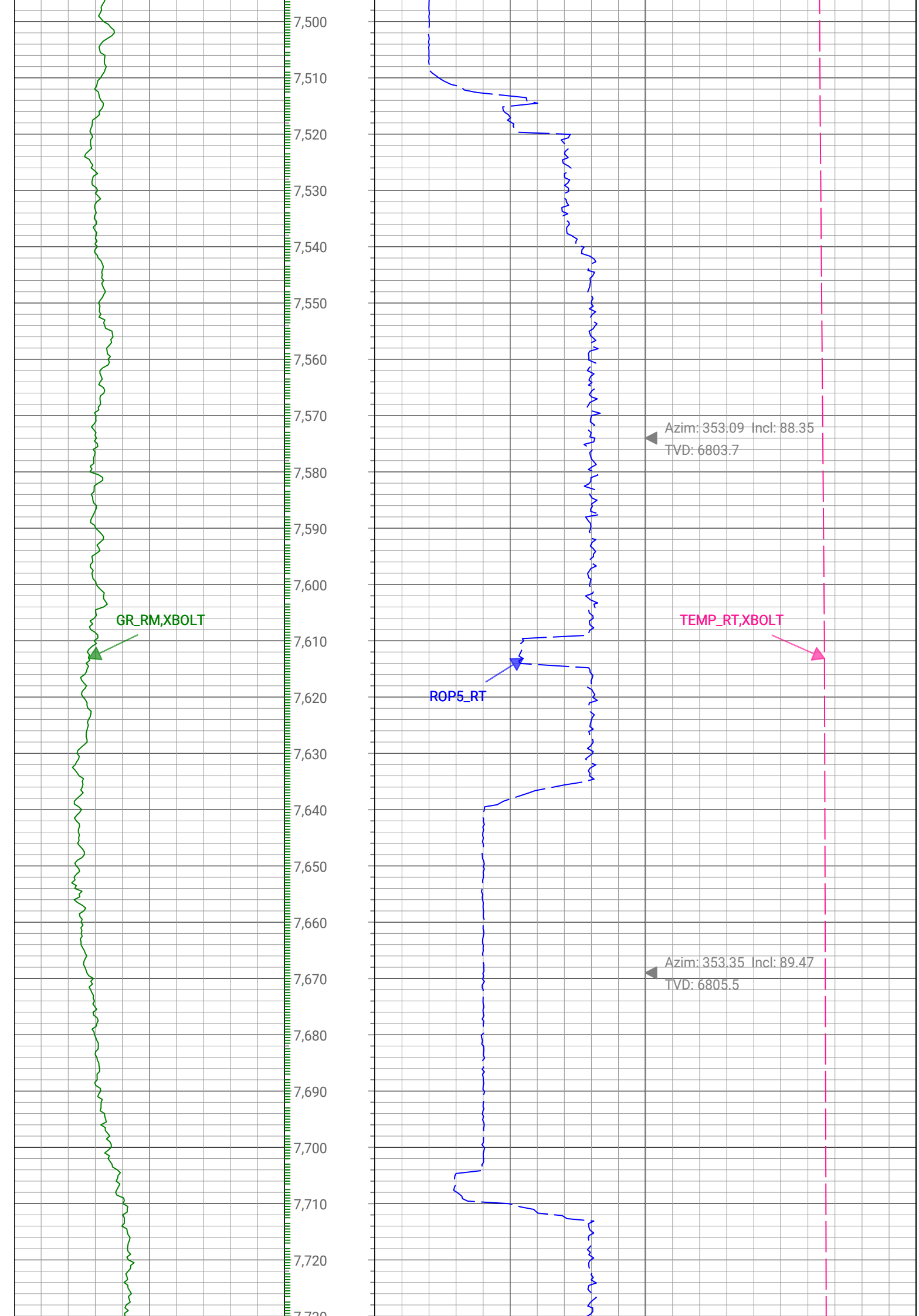
7,290
7,300
7,310
7,320
7,330
7,340
7,350
7,360
7,370
7,380
7,390
7,400
7,410
7,420
7,430
7,440
7,450
7,460
7,470
7,480
7,490
GR_RM,XBOLT
ROP5_RT
TEMP_RT,XBOLT
Azim: 1.32 Incl: 81.3
TVD: 6791.39
Azim: 3.4 Incl: 87.95
TVD: 6800.28
Azim: 359.51 Incl: 89.78
TVD: 6802.14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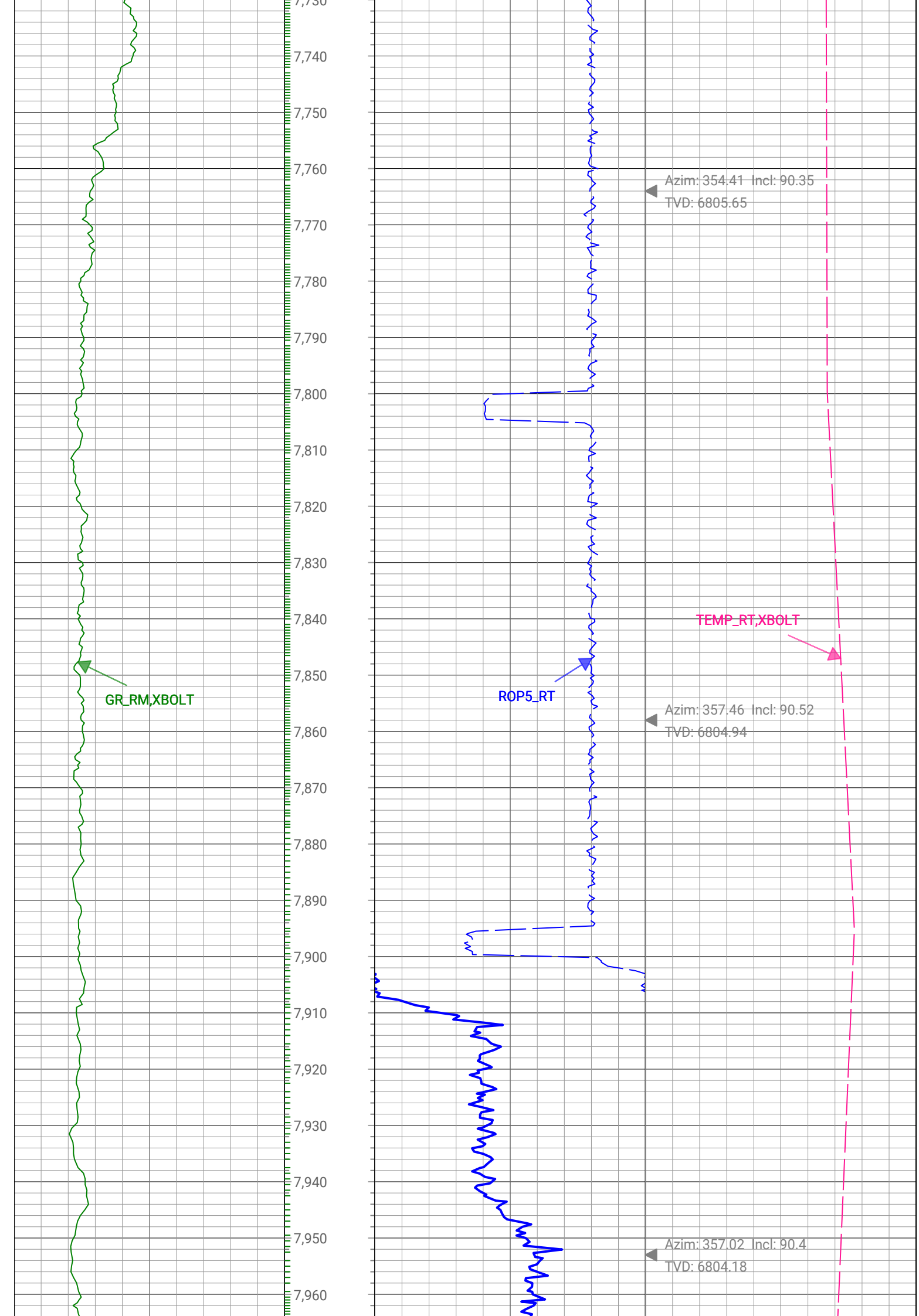
7,510
7,520
7,530
7,540
7,550
7,560
7,570
7,580
7,590
7,600
7,610
7,620
7,630
7,640
7,650
7,660
7,670
7,680
7,690
7,700
7,710
7,720
GR_RM,XBOLT
ROP5_RT
TEMP_RT,XBOLT
Azim: 353.09 Incl: 88.35
TVD: 6803.7
Azim: 353.35 Incl: 89.47
TVD: 6805.5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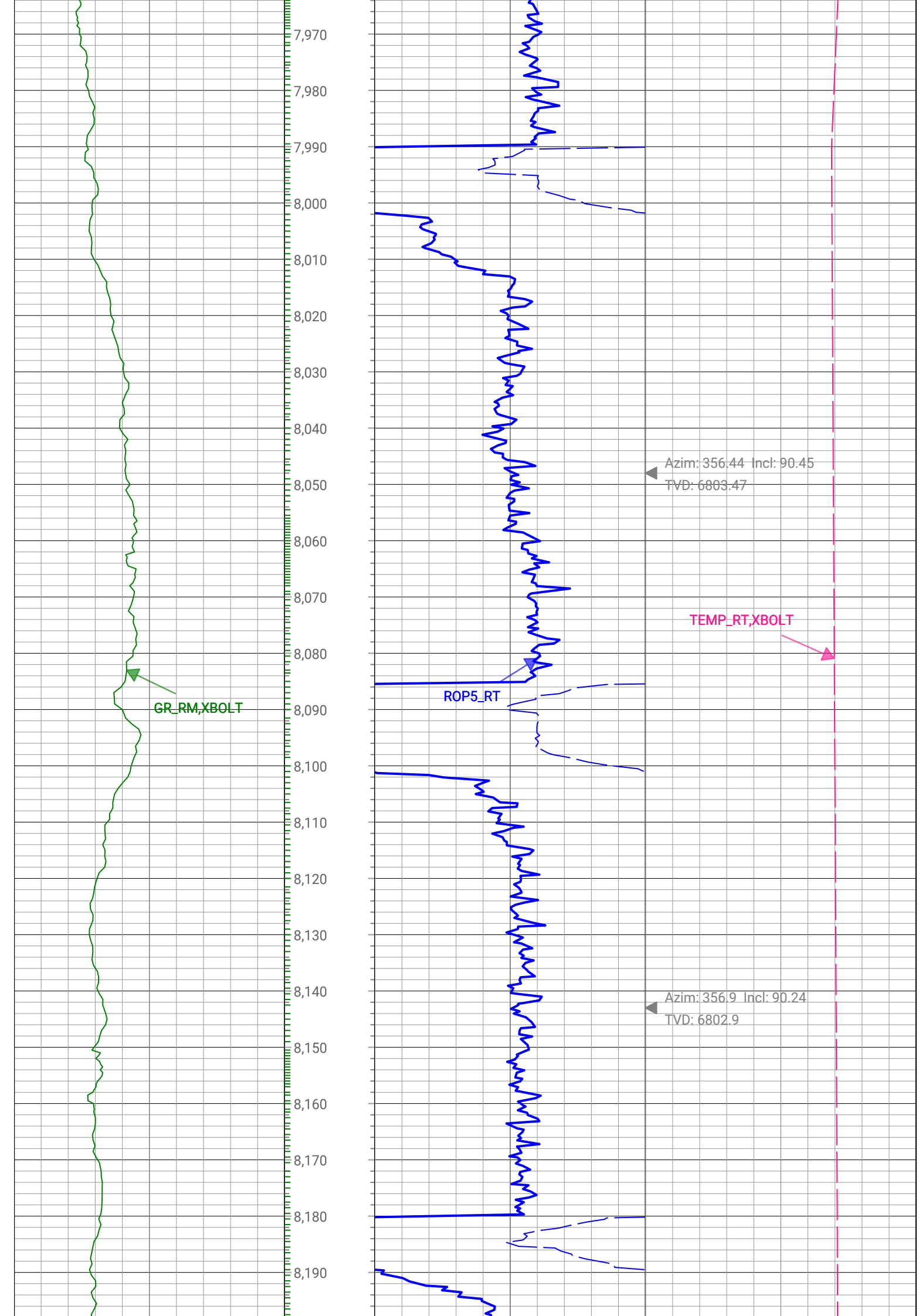
7,750
7,760
7,770
7,780
7,790
7,800
7,810
7,820
7,830
7,840
7,850
7,860
7,870
7,880
7,890
7,900
7,910
7,920
7,930
7,940
7,950
7,960
GR_RM,XBOLT
ROP5_RT
TEMP_RT,XBOLT
Azim: 354.41 Incl: 90.35
TVD: 6805.65
Azim: 357.46 Incl: 90.52
TVD: 6804.94
Azim: 357.02 Incl: 90.4
TVD: 6804.18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7,980
7,990
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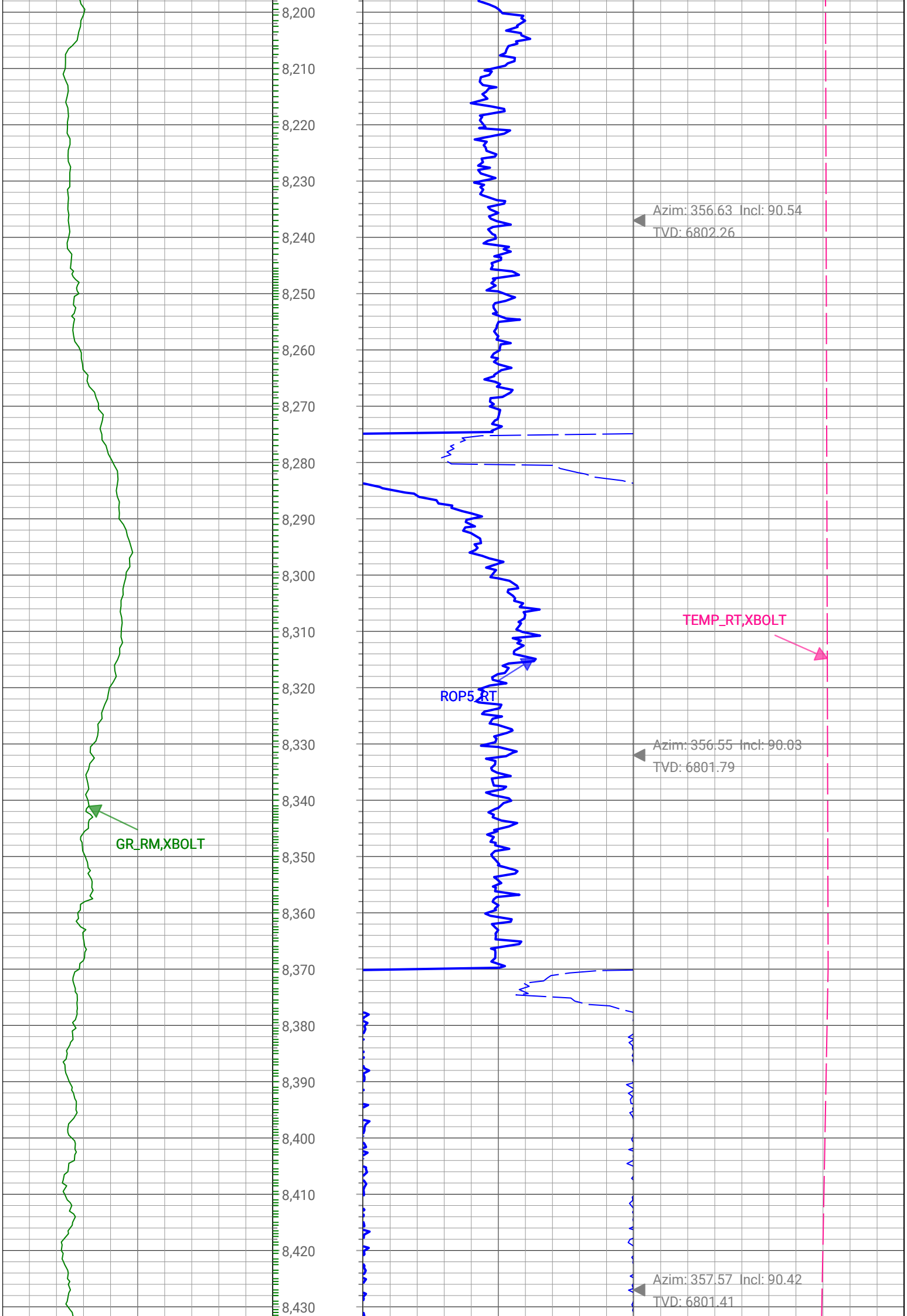
8,020
8,030
8,040
8,050
8,060
8,070
8,080
8,090
8,100
8,110
8,120
8,130
8,140
8,150
8,160
8,170
8,180
8,190
GR_RM,XBOLT
ROP5_RT
TEMP_RT,XBOLT
Azim: 356.44 Incl: 90.45
TVD: 6803.47
Azim: 356.9 Incl: 90.24
TVD: 6802.9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8,220
8,230
8,240
8,250
8,260
8,270
8,280
8,290
8,300
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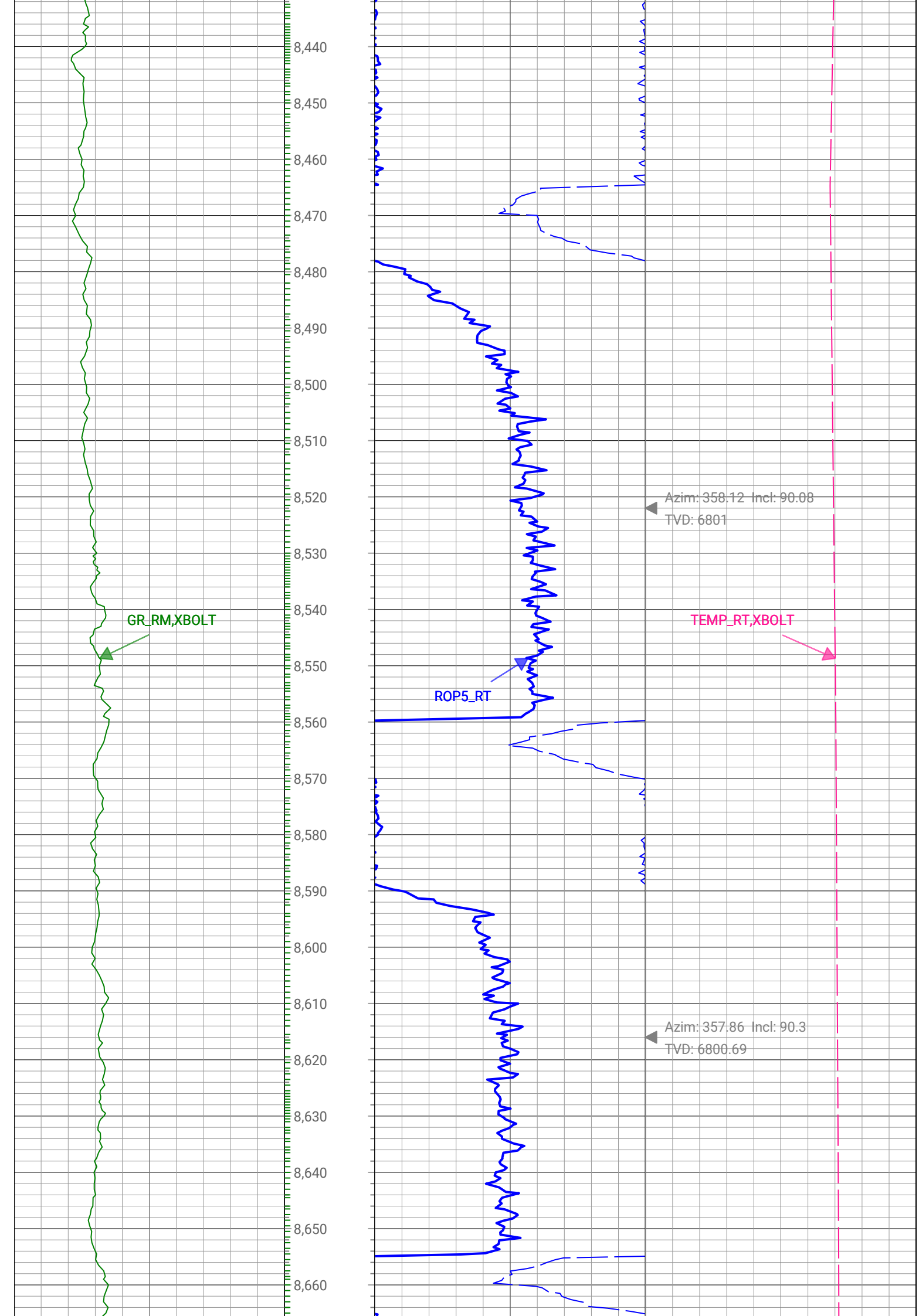
8,320
8,330
8,340
8,350
8,360
8,370
8,380
8,390
8,400
8,410
8,420
8,430
Azim: 356.63 Incl: 90.54
TVD: 6802.26
TEMP_RT,XBOLT
ROP5_RT
Azim: 356.55 Incl: 90.03
TVD: 6801.79
GR_RM,XBOLT
Azim: 357.57 Incl: 90.42
TVD: 6801.41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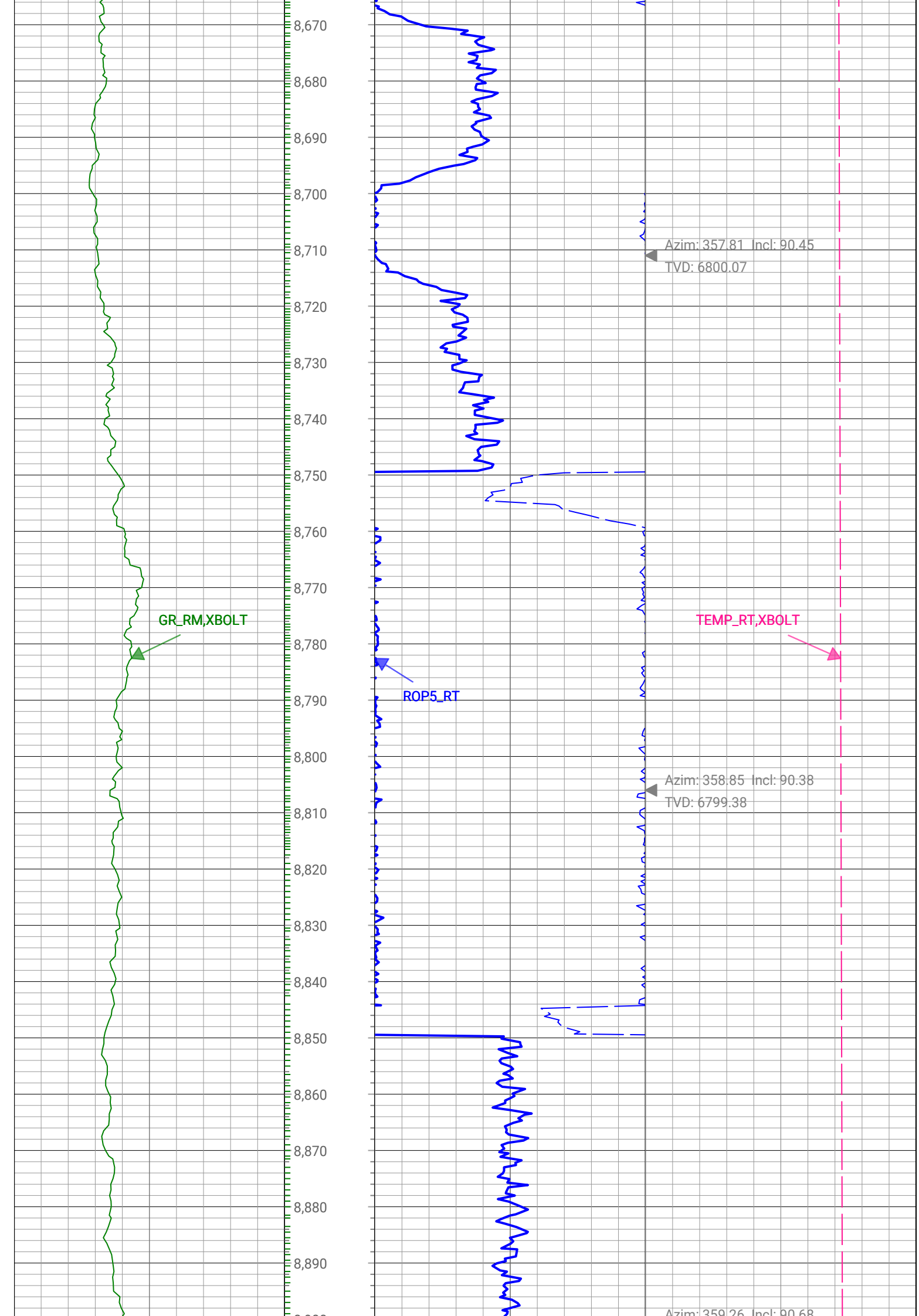
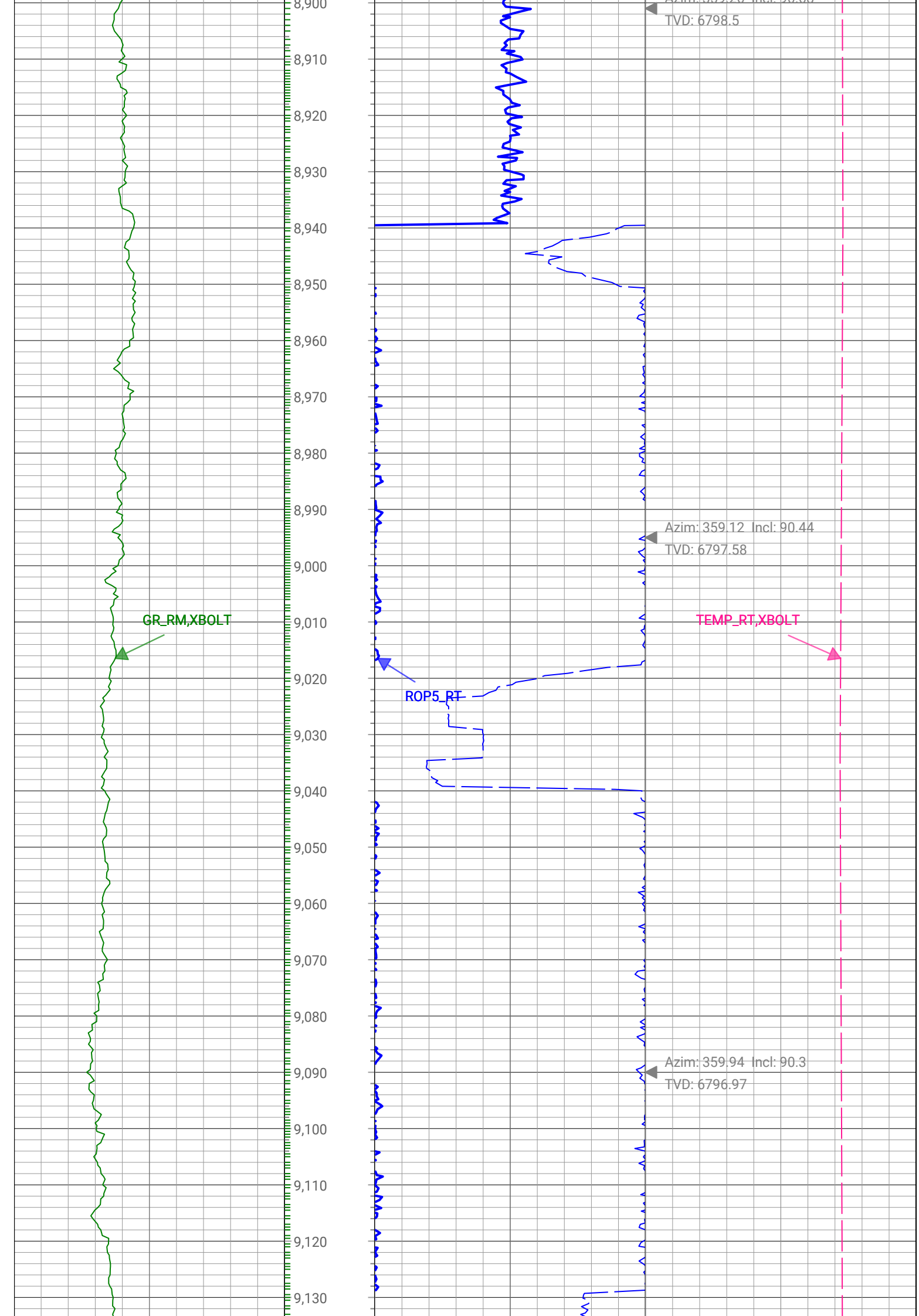
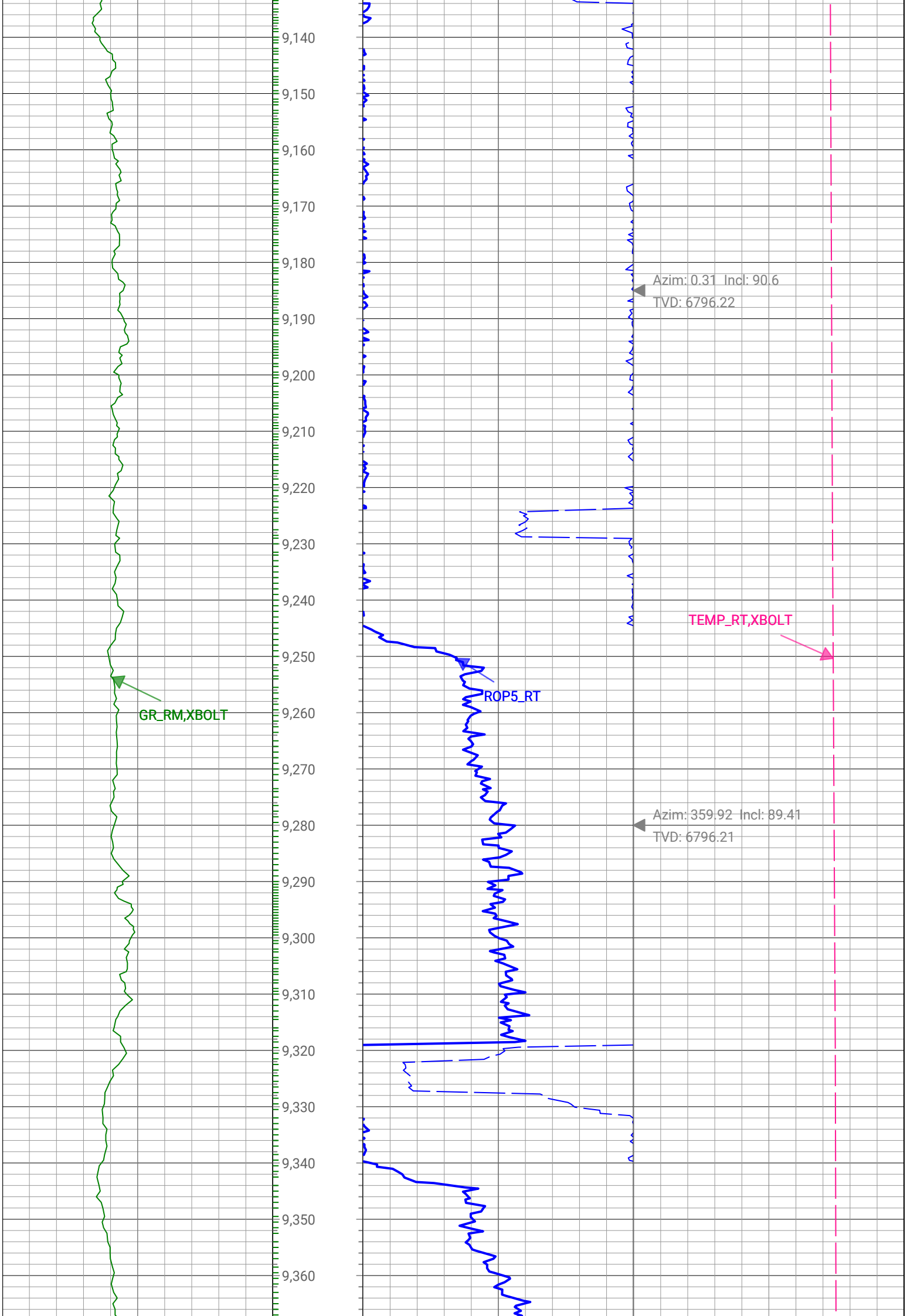
8,460
8,470
8,480
8,490
8,500
8,510
8,520
8,530
8,540
8,550
8,560
8,570
8,580
8,590
8,600
8,610
8,620
8,630
8,640
8,650
8,660
GR_RM,XBOLT
ROP5_RT
TEMP_RT,XBOLT
Azim: 358.12 Incl: 90.08
TVD: 6801
Azim: 357.86 Incl: 90.3
TVD: 6800.69


8,670
8,680
8,690
8,700
8,710
8,720
8,730
8,740
8,750
8,760
8,770
8,780
8,790
8,800
8,810
8,820
8,830
8,840
8,850
8,860
8,870
8,880
8,890
GR_RM,XBOLT
ROP5_RT
TEMP_RT,XBOLT
Azim: 357.81 Incl: 90.45
TVD: 6800.07
Azim: 358.85 Incl: 90.38
TVD: 6799.38


TVD: 6798.5
Azim: 359.12 Incl: 90.44
TVD: 6797.58
GR_RM,XBOLT
TEMP_RT,XBOLT
ROP5_RT
Azim: 359.94 Incl: 90.3
TVD: 6796.97
8,900
8,910
8,920
8,930
8,940
8,950
8,960
8,970
8,980
8,990
9,000
9,010
9,020
9,030
9,040
9,050
9,060
9,070
9,080
9,090
9,100
9,110
9,120
9,130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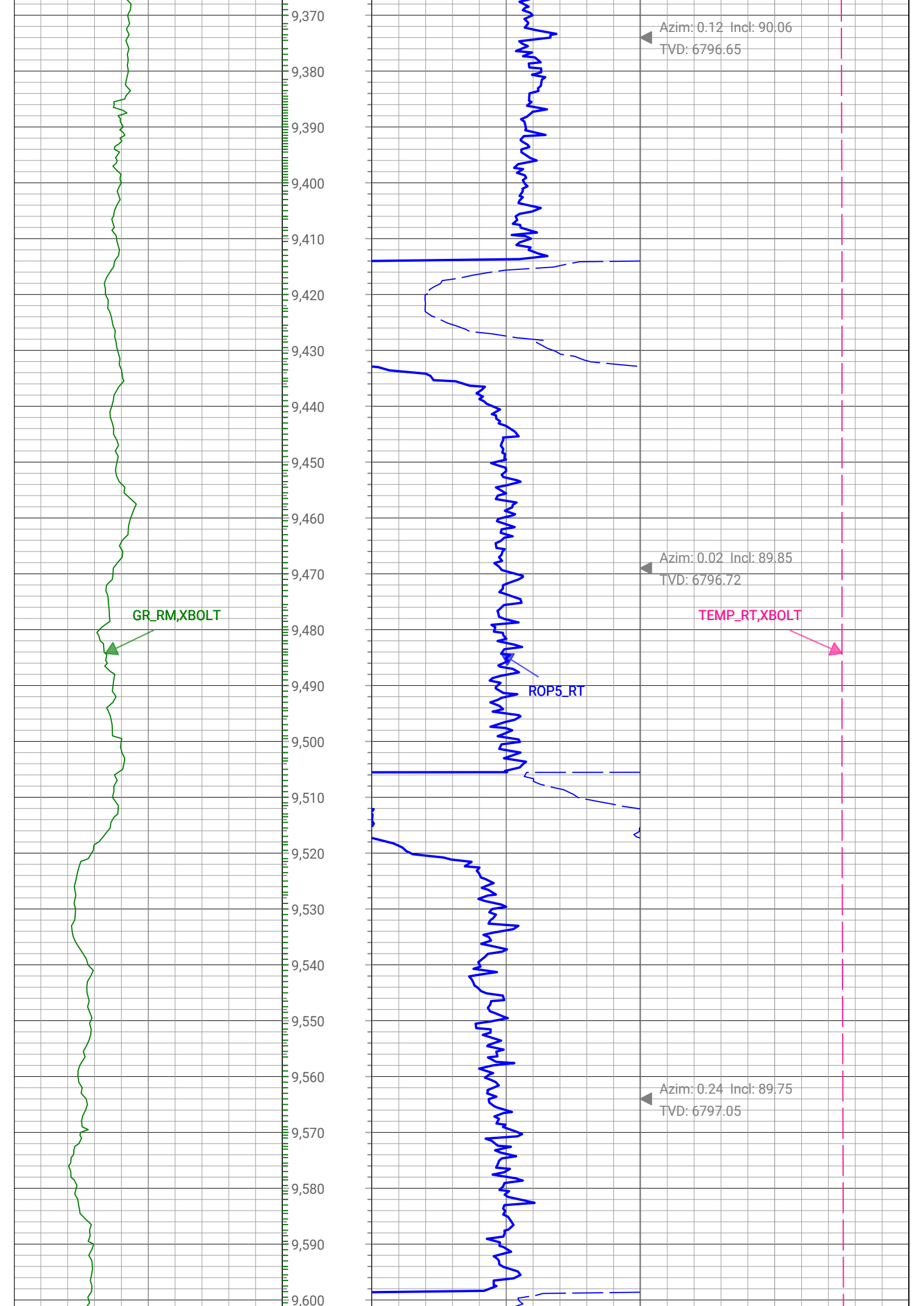
9,190
9,200
9,210
9,220
9,230
9,240
9,250
9,260
9,270
9,280
9,290
9,300
9,310
9,320
9,330
9,340
9,350
9,360
Azim: 0.31 Incl: 90.6
TVD: 6796.22
TEMP_RT,XBOLT
ROP5_RT
GR_RM,XBOLT
Azim: 359.92 Incl: 89.41
TVD: 6796.21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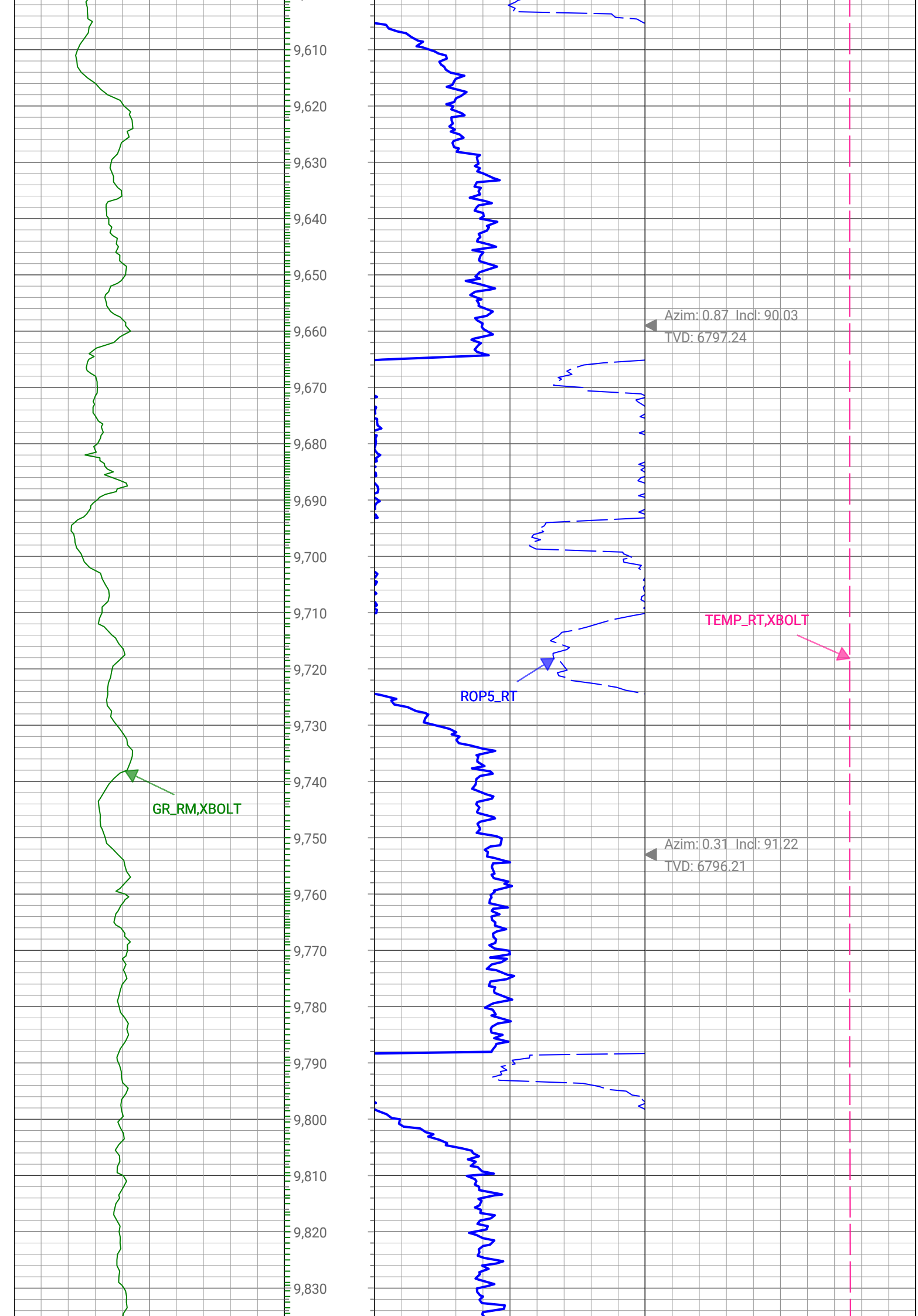
9,390
9,400
9,410
9,420
9,430
9,440
9,450
9,460
9,470
9,480
9,490
9,500
9,510
9,520
9,530
9,540
9,550
9,560
9,570
9,580
9,590
9,600
Azim: 0.12 Incl: 90.06
TVD: 6796.65
Azim: 0.02 Incl: 89.85
TVD: 6796.72
Azim: 0.24 Incl: 89.75
TVD: 6797.05
GR_RM,XBOLT
ROP5_RT
TEMP_RT,XBOLT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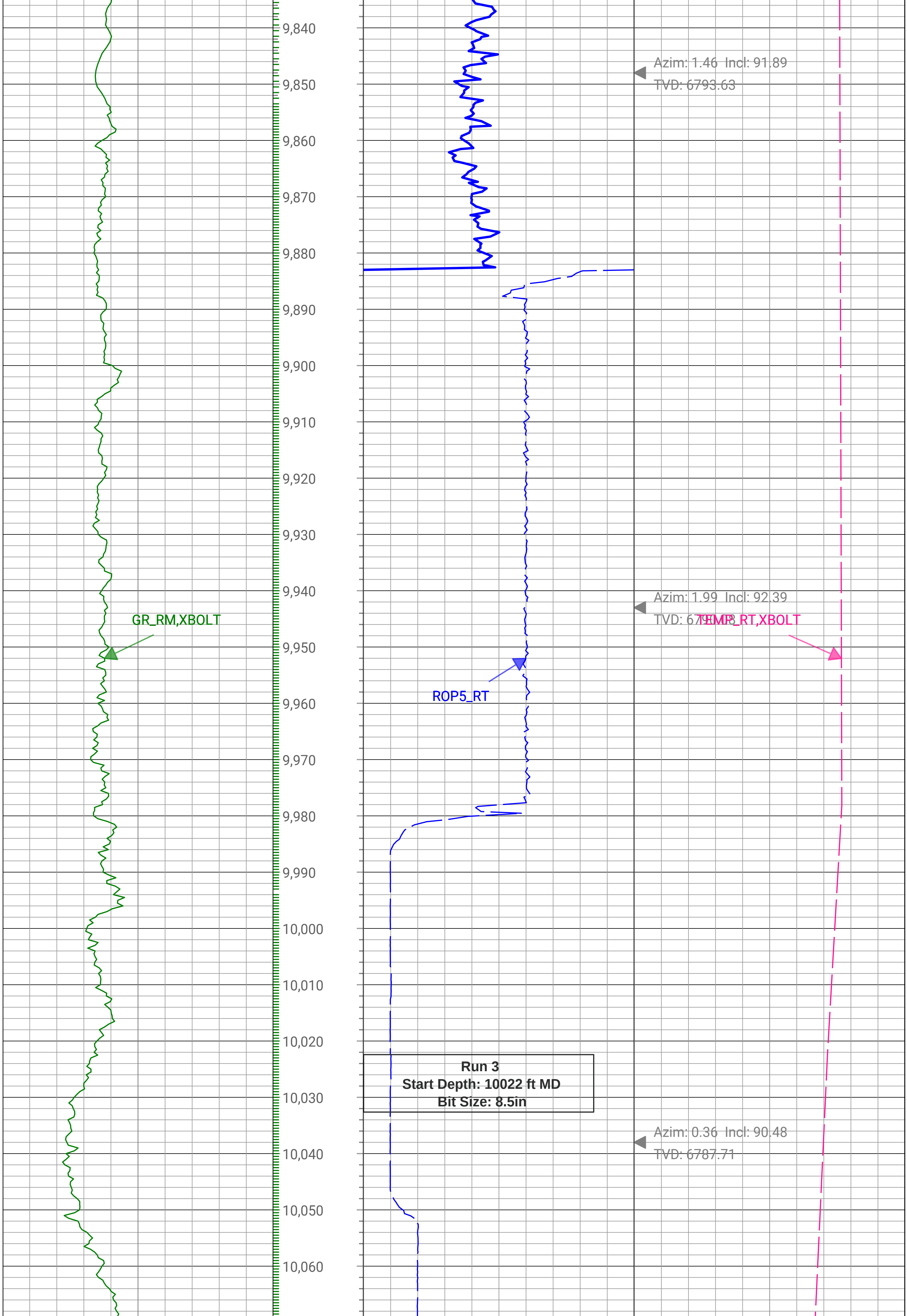
9,660
9,670
9,680
9,690
9,700
9,710
9,720
9,730
9,740
9,750
9,760
9,770
9,780
9,790
9,800
9,810
9,820
9,830
Azim: 0.87 Incl: 90.03
TVD: 6797.24
TEMP_RT,XBOLT
ROP5_RT
GR_RM,XBOLT
Azim: 0.31 Incl: 91.22
TVD: 6796.21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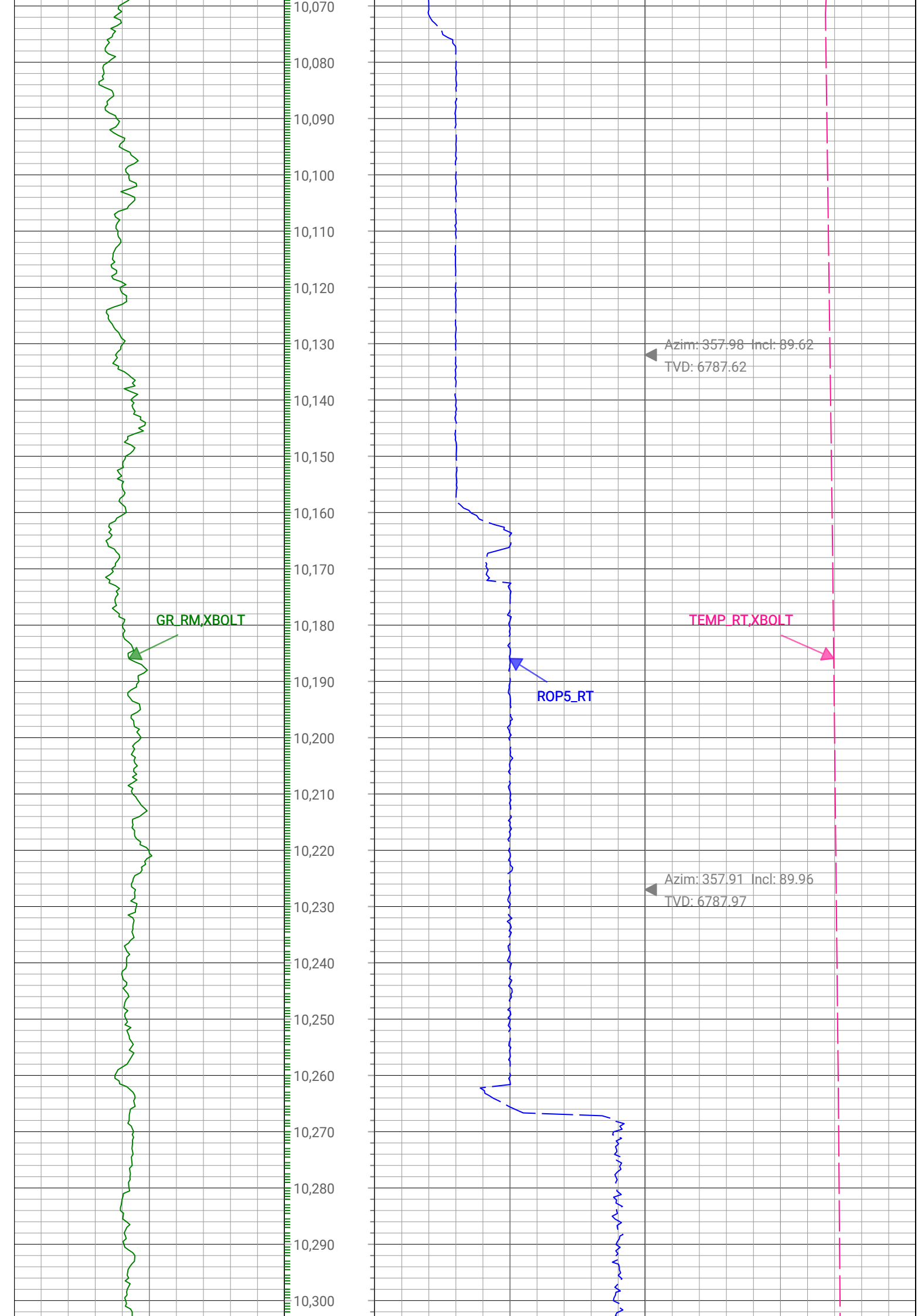
9,850
9,860
9,870
9,880
9,890
9,900
9,910
9,920
9,930
9,940
9,950
9,960
9,970
9,980
9,990
10,000
10,010
10,020
10,030
10,040
10,050
10,060
Azim: 1.46 Incl: 91.89
TVD: 6793.63
Azim: 1.99 Incl: 92.39
GR_RM,XBOLT
TEMP_RT,XBOLT
ROP5_RT
Run 3
Start Depth: 10022 ft MD
Bit Size: 8.5in
Azim: 0.36 Incl: 90.48
TVD: 6787.71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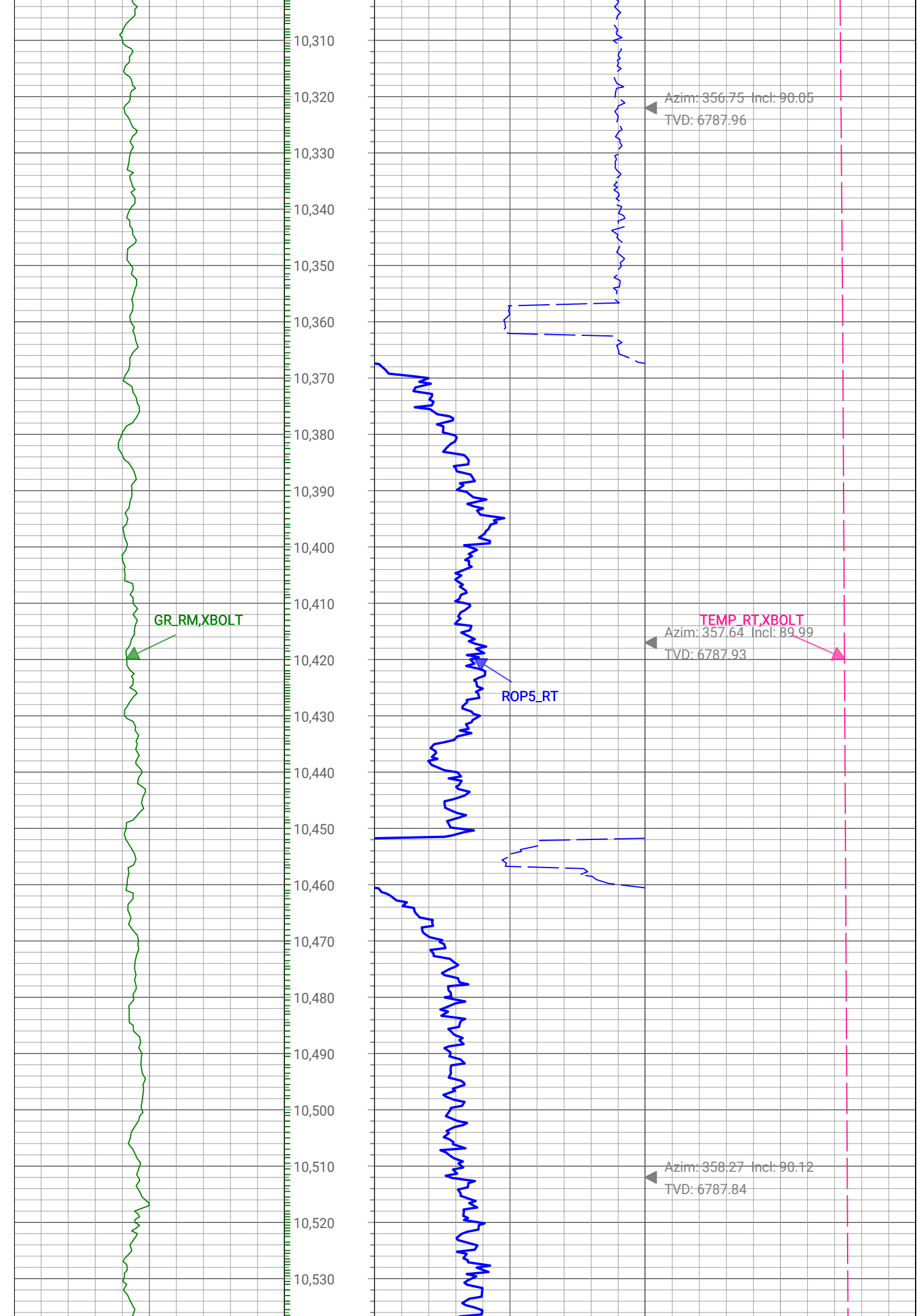
10,200
10,210
10,220
10,230
10,240
10,250
10,260
10,270
10,280
10,290
10,300
GR_RM,XBOLT
ROP5_RT
TEMP_RT,XBOLT
Azim: 357.98 Incl: 89.62
TVD: 6787.62
Azim: 357.91 Incl: 89.96
TVD: 6787.97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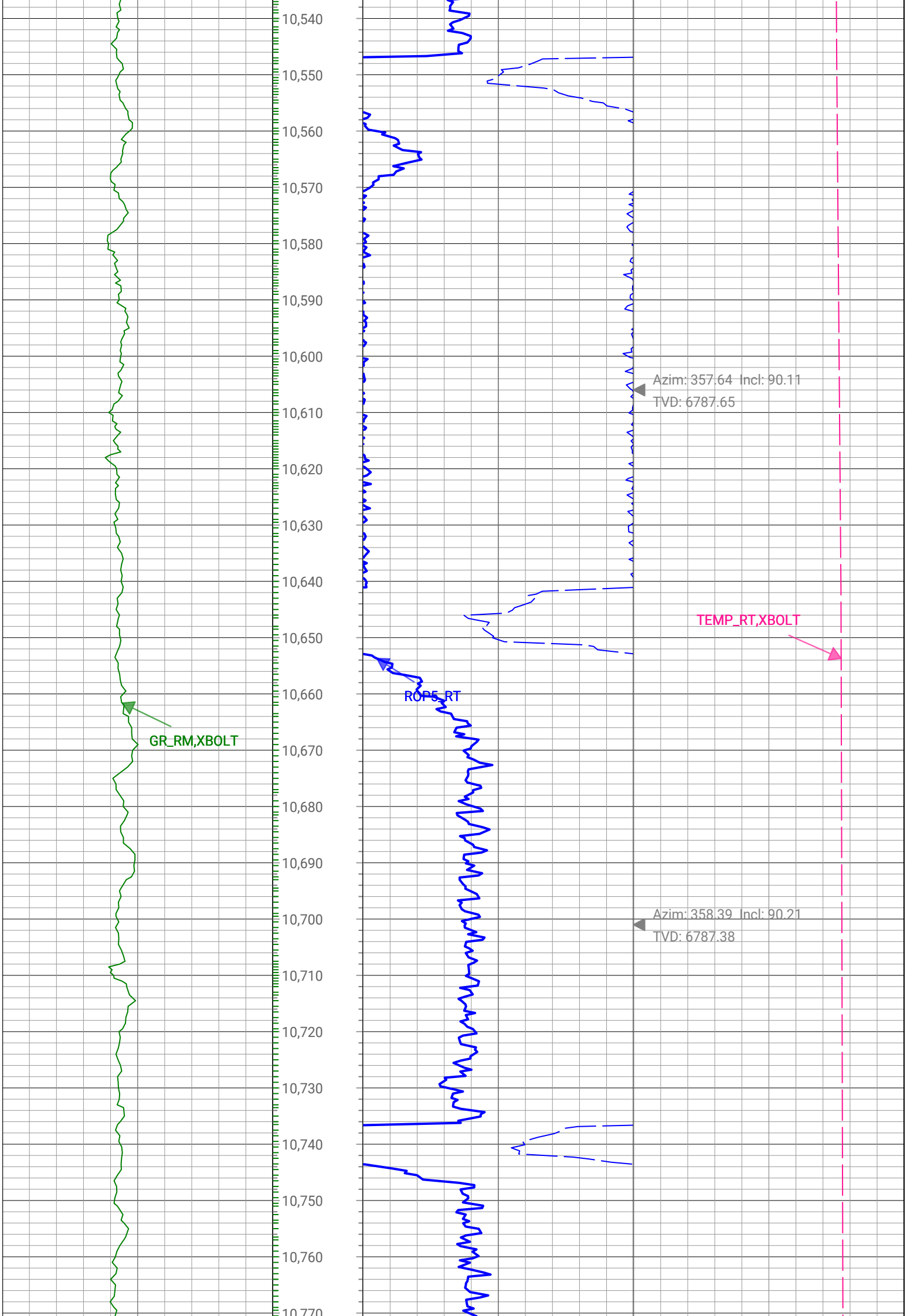
10,390
10,400
10,410
10,420
10,430
10,440
10,450
10,460
10,470
10,480
10,490
10,500
10,510
10,520
10,530
Azim: 356.75 Incl: 90.05
TVD: 6787.96
GR_RM,XBOLT
TEMP_RT,XBOLT
Azim: 357.64 Incl: 89.99
TVD: 6787.93
ROP5_RT
Azim: 358.27 Incl: 90.12
TVD: 6787.84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10,610
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10,670
10,680
10,690
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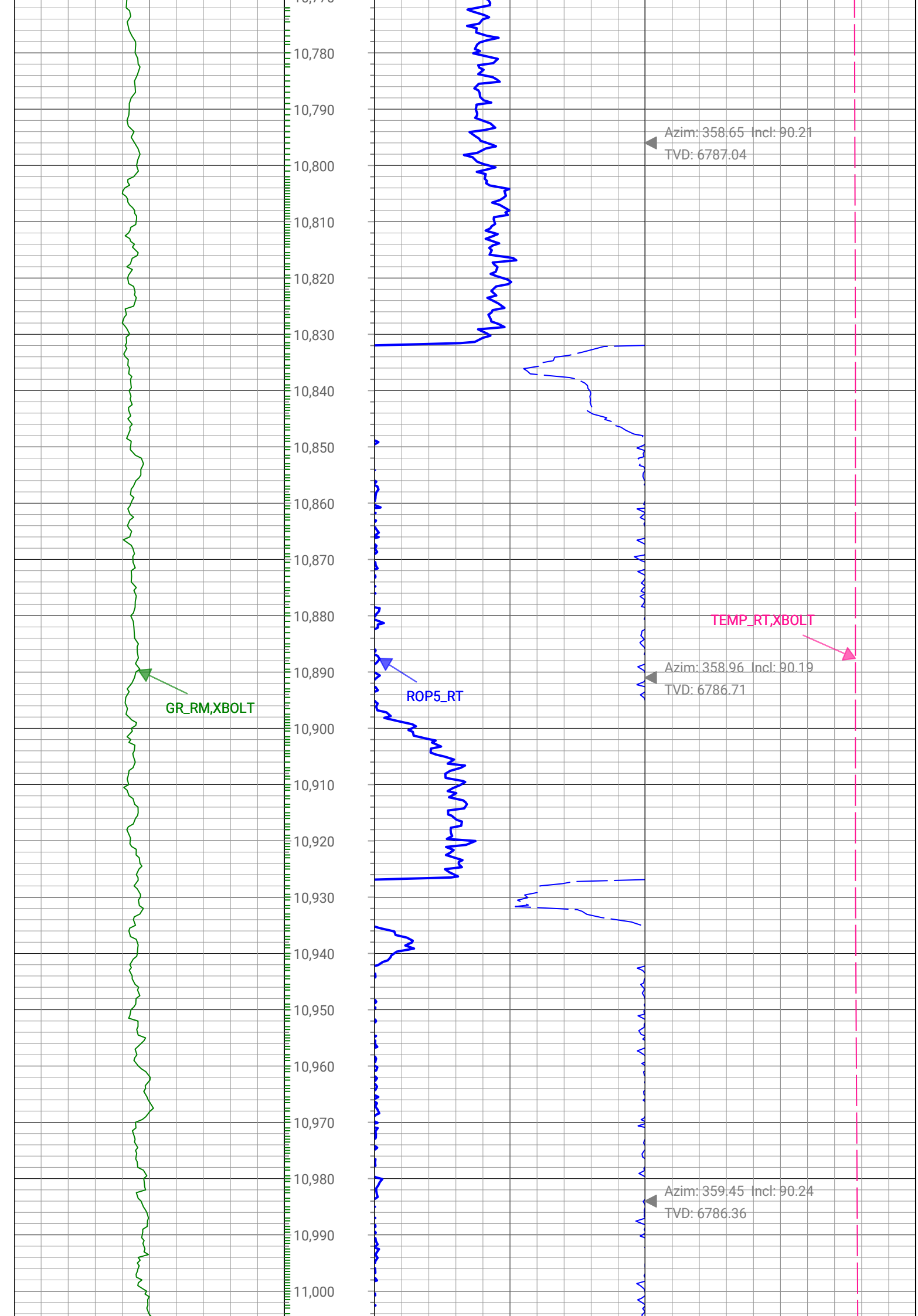
10,710
10,720
10,730
10,740
10,750
10,760
10,770
Azim: 357.64 Incl: 90.11
TVD: 6787.65
TEMP_RT,XBOLT
ROP5_RT
GR_RM,XBOLT
Azim: 358.39 Incl: 90.21
TVD: 6787.38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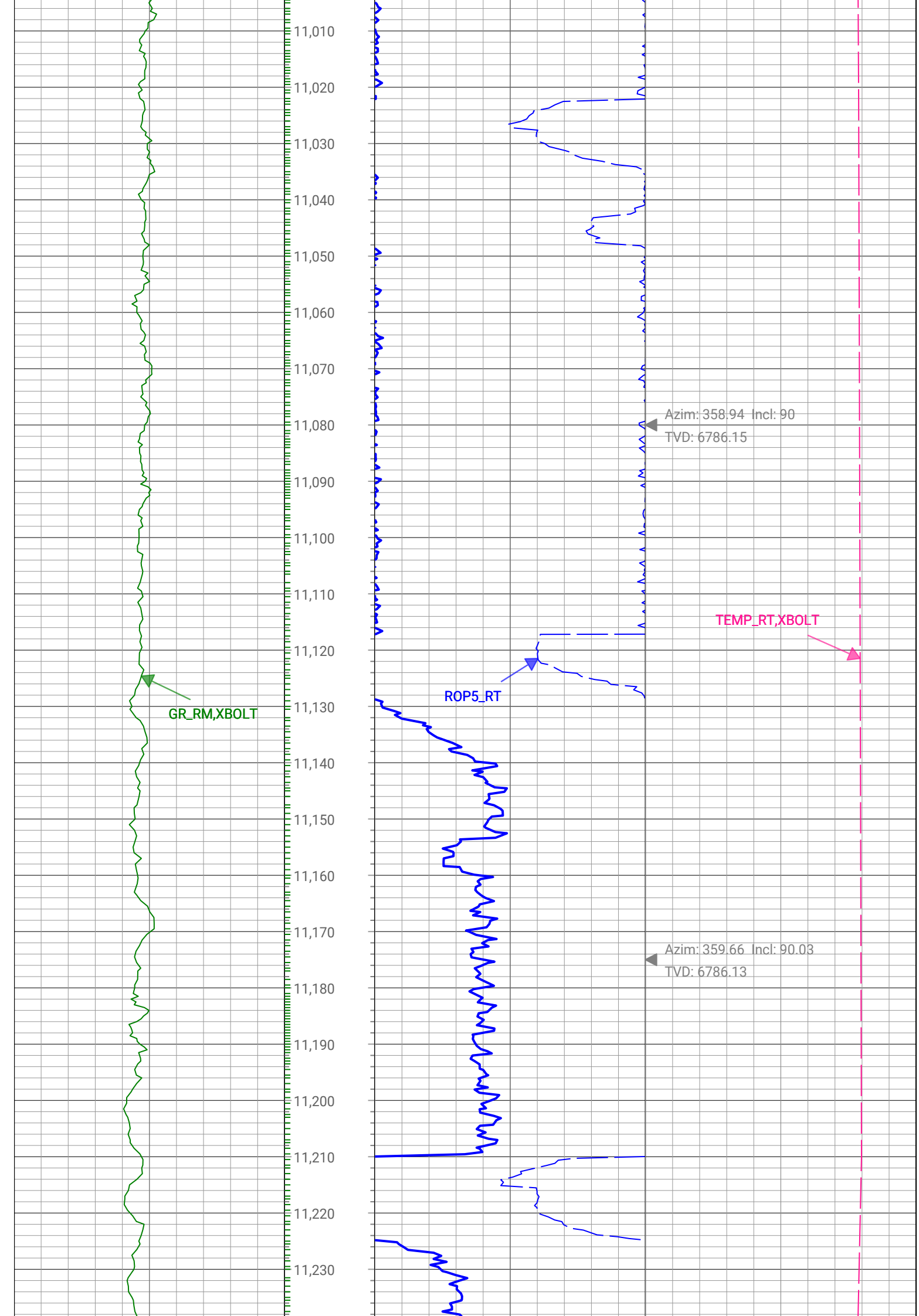
10,840
10,850
10,860
10,870
10,880
10,890
10,900
10,910
10,920
10,930
10,940
10,950
10,960
10,970
10,980
10,990
11,000
Azim: 358.65 Incl: 90.21
TVD: 6787.04
TEMP_RT,XBOLT
Azim: 358.96 Incl: 90.19
TVD: 6786.71
GR_RM,XBOLT
ROP5_RT
Azim: 359.45 Incl: 90.24
TVD: 6786.36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11,170
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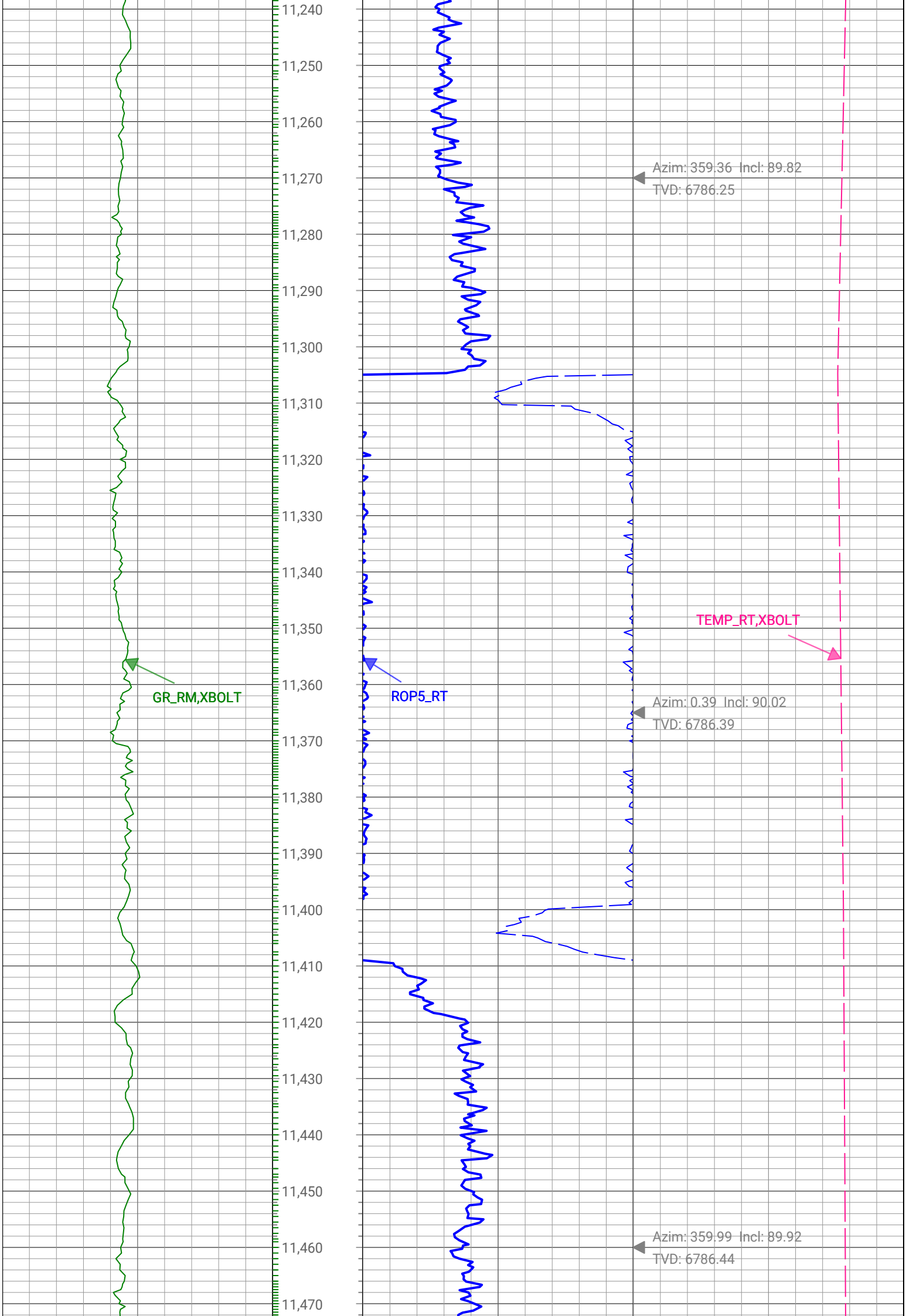
11,200
11,210
11,220
11,230
Azim: 358.94 Incl: 90
TVD: 6786.15
TEMP_RT,XBOLT
ROP5_RT
GR_RM,XBOLT
Azim: 359.66 Incl: 90.03
TVD: 6786.13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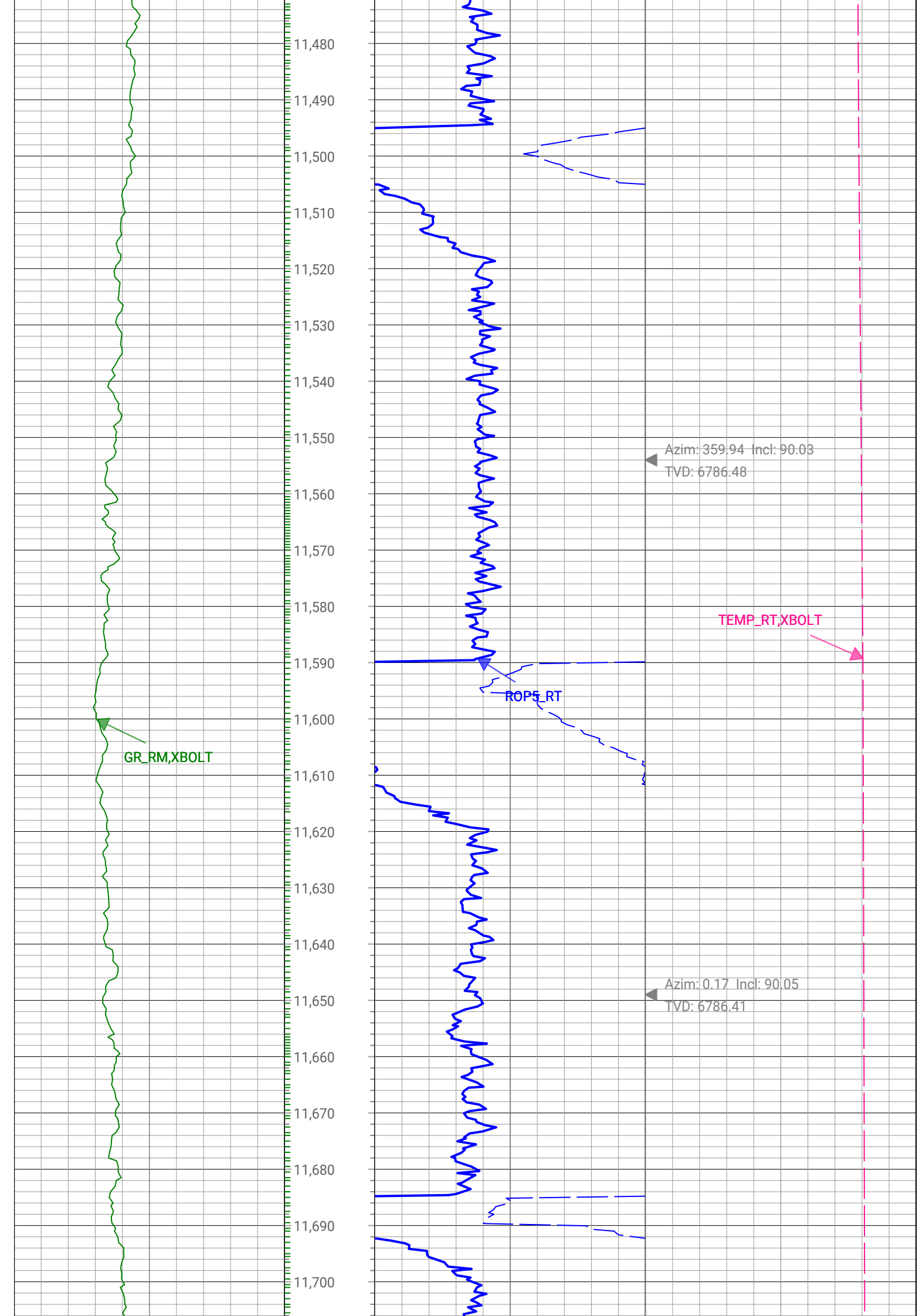
11,460
11,470
Azim: 359.36 Incl: 89.82
TVD: 6786.25
TEMP_RT,XBOLT
GR_RM,XBOLT
ROP5_RT
Azim: 0.39 Incl: 90.02
TVD: 6786.39
Azim: 359.99 Incl: 89.92
TVD: 6786.44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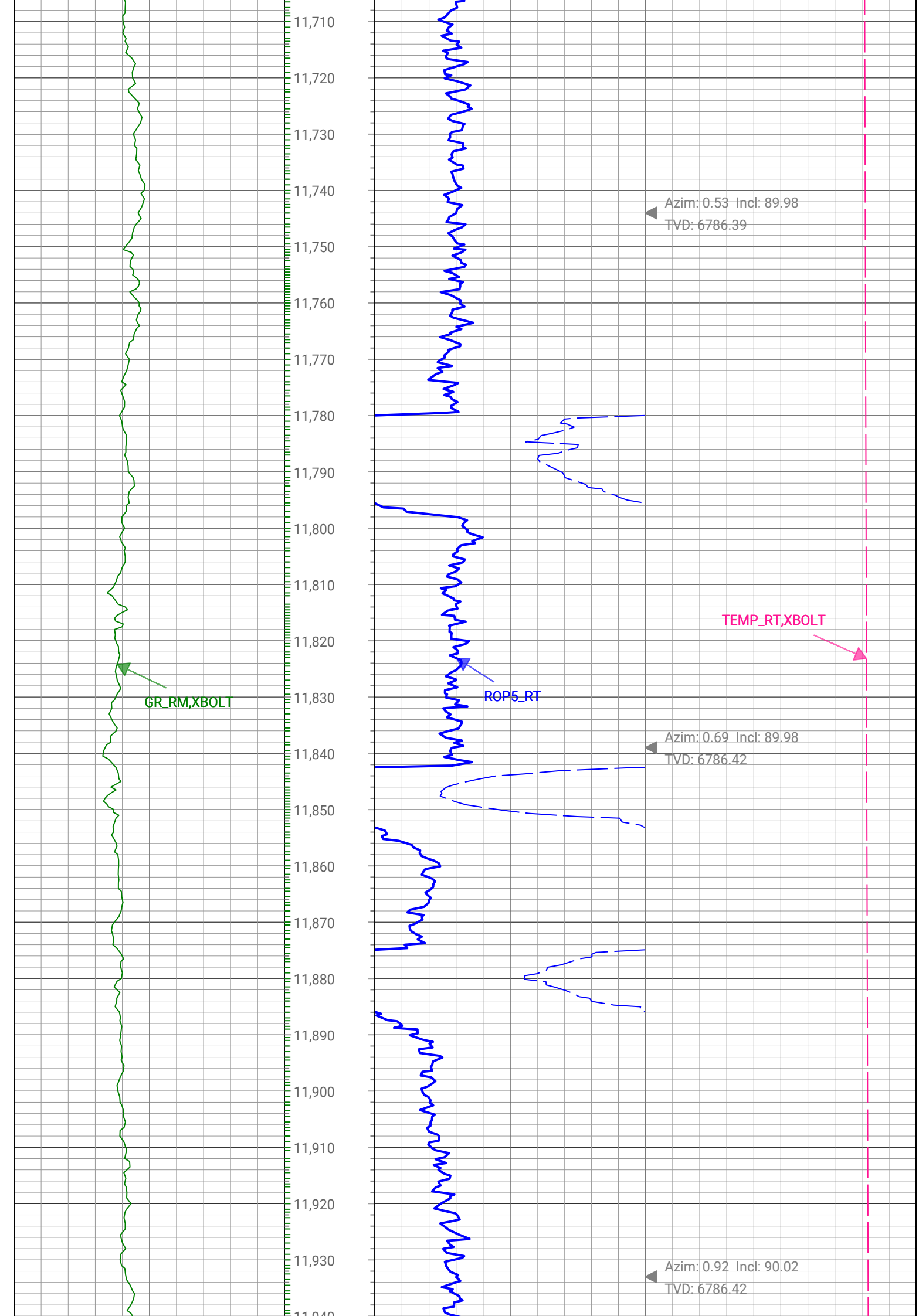
11,690
11,700
Azim: 359.94 Incl: 90.03
TVD: 6786.48
TEMP_RT,XBOLT
ROP5_RT
GR_RM,XBOLT
Azim: 0.17 Incl: 90.05
TVD: 6786.41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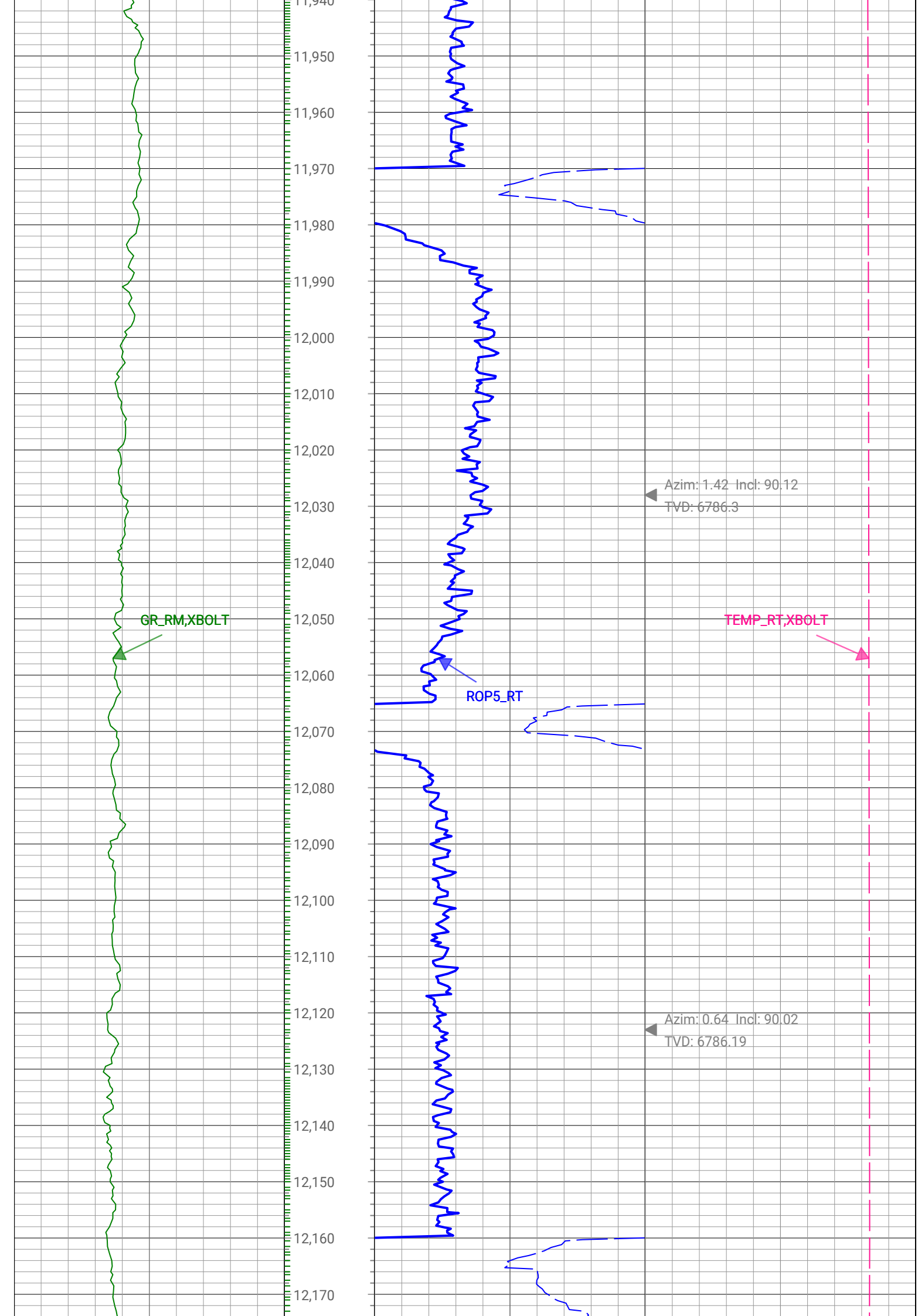
11,860
11,870
11,880
11,890
11,900
11,910
11,920
11,930
Azim: 0.53 Incl: 89.98
TVD: 6786.39
TEMP_RT,XBOLT
GR_RM,XBOLT
ROP5_RT
Azim: 0.69 Incl: 89.98
TVD: 6786.42
Azim: 0.92 Incl: 90.02
TVD: 6786.42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12,110
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12,170
GR_RM,XBOLT
ROP5_RT
TEMP_RT,XBOLT
Azim: 1.42 Incl: 90.12
TVD: 6786.3
Azim: 0.64 Incl: 90.02
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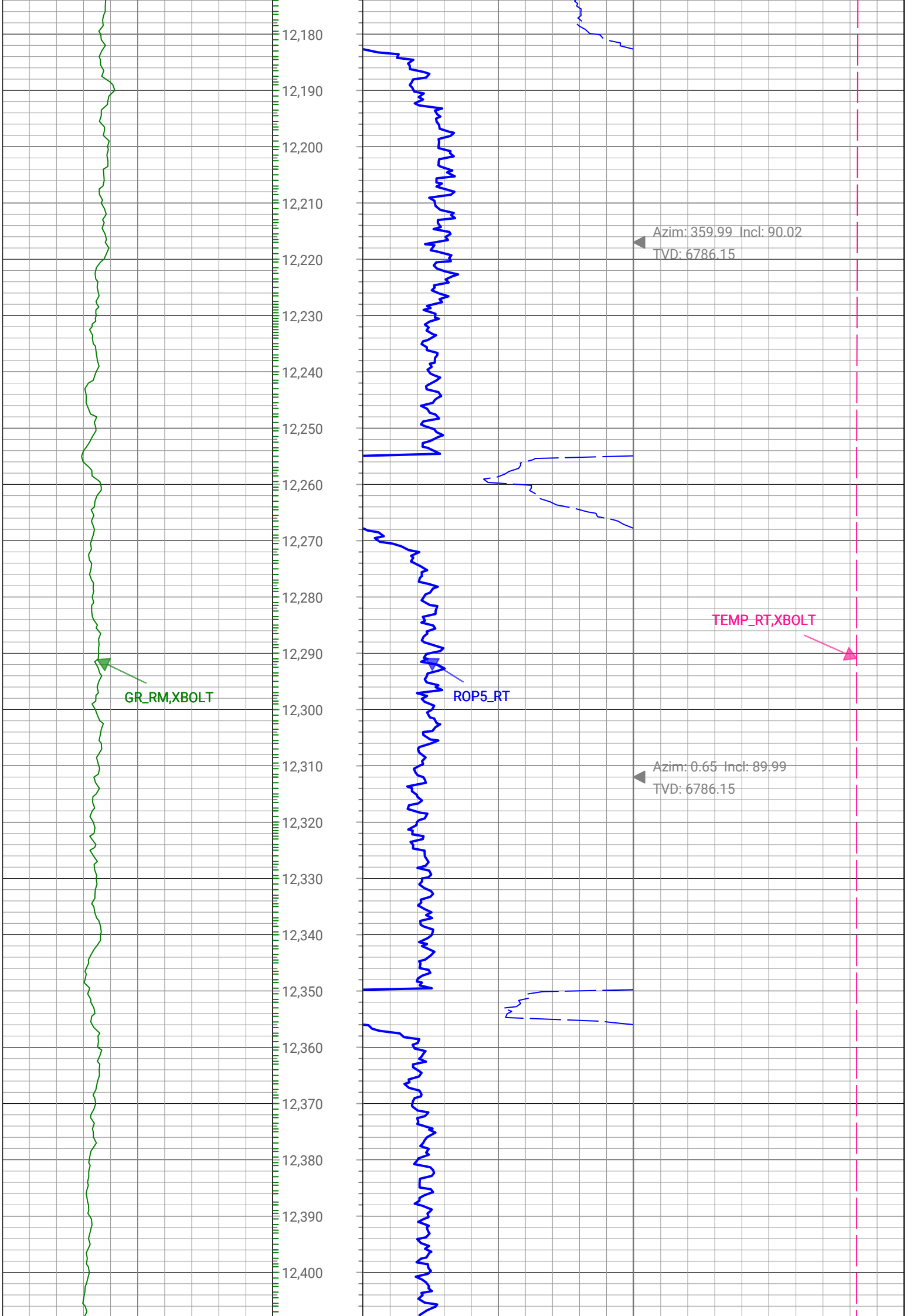
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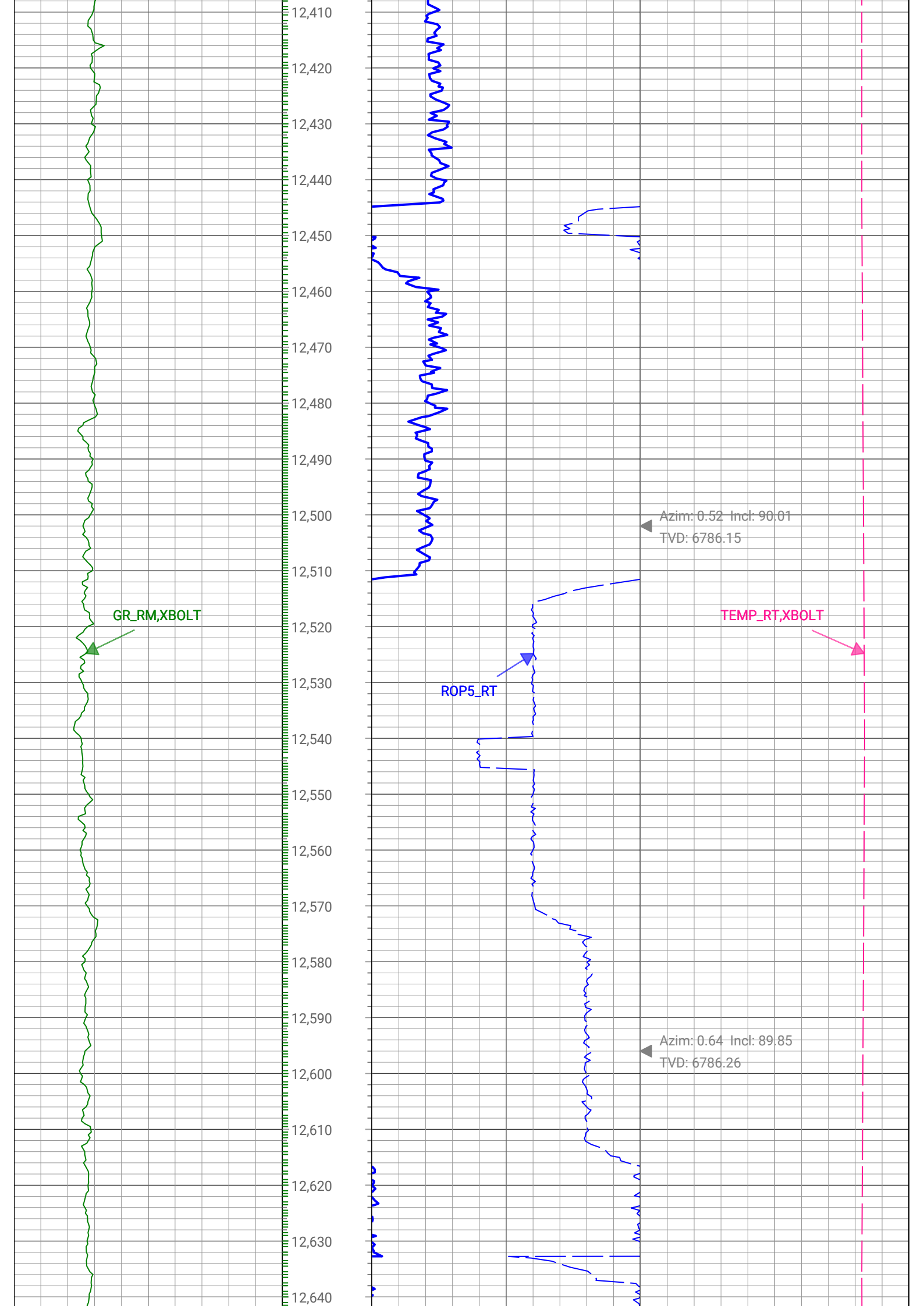
12,360
12,370
12,380
12,390
12,400
Azim: 359.99 Incl: 90.02
TVD: 6786.15
TEMP_RT,XBOLT
GR_RM,XBOLT
ROP5_RT
Azim: 0.65 Incl: 89.99
TVD: 6786.15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12,590
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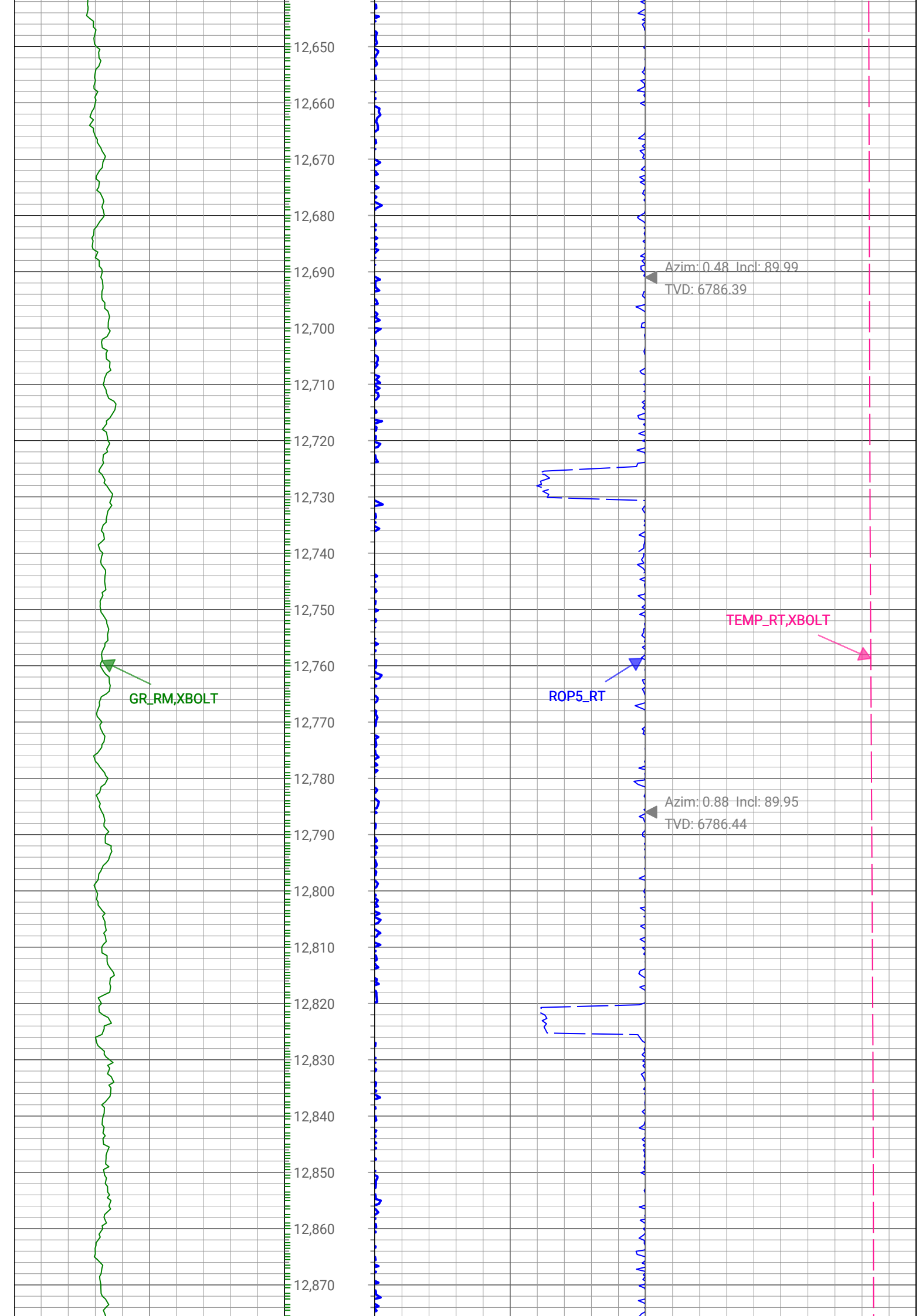
12,630
12,640
GR_RM,XBOLT
ROP5_RT
TEMP_RT,XBOLT
Azim: 0.52 Incl: 90.01
TVD: 6786.15
Azim: 0.64 Incl: 89.85
TVD: 6786.26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12,820
12,830
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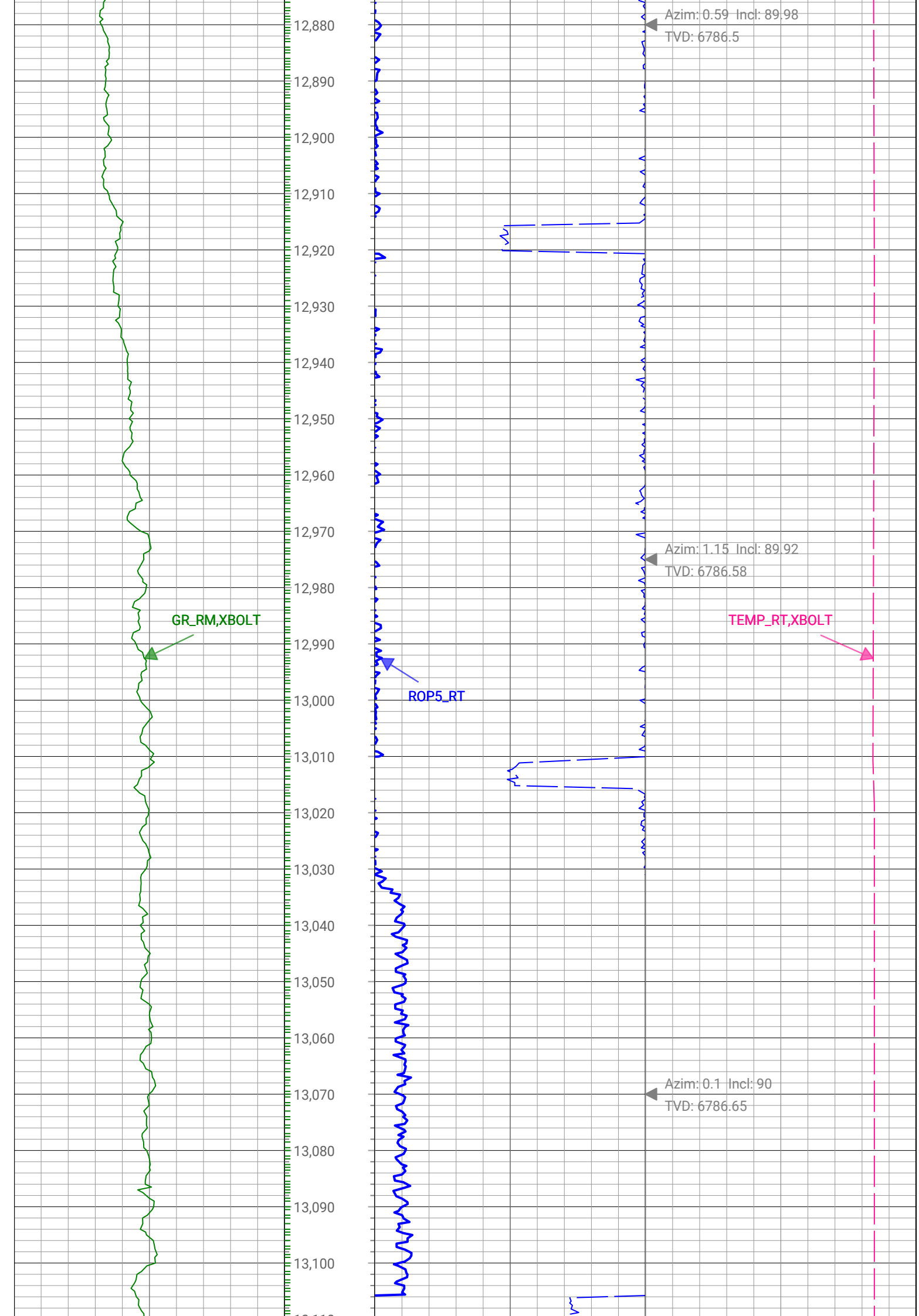
12,870
Azim: 0.48 Incl: 89.99
TVD: 6786.39
TEMP_RT,XBOLT
GR_RM,XBOLT
ROP5_RT
Azim: 0.88 Incl: 89.95
TVD: 6786.44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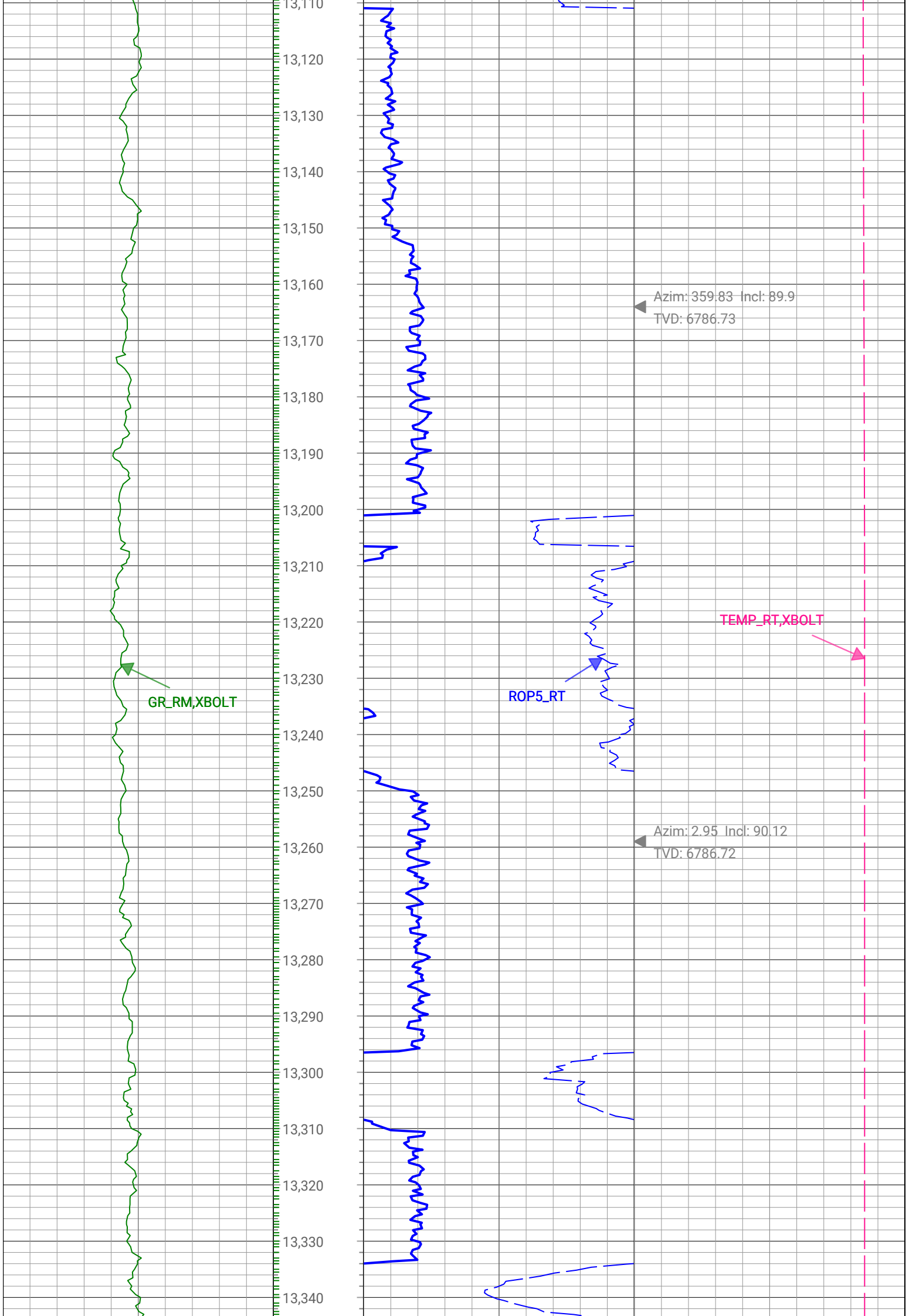
Azim: 0.59 Incl: 89.98
TVD: 6786.5
Azim: 1.15 Incl: 89.92
TVD: 6786.58
Azim: 0.1 Incl: 90
TVD: 6786.65
GR_RM,XBOLT
ROP5_RT
TEMP_RT,XBOLT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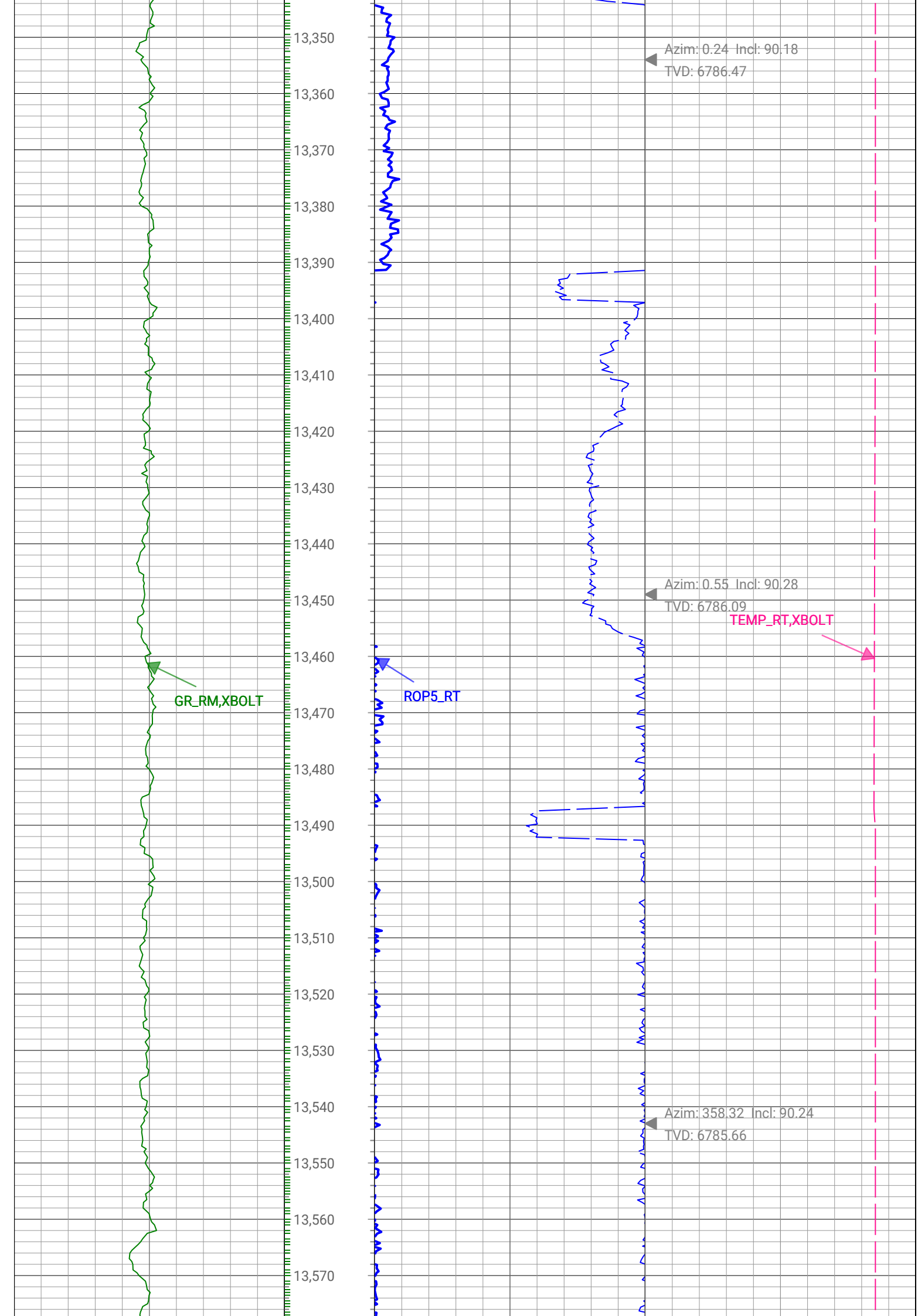
GR_RM,XBOLT
ROP5_RT
TEMP_RT,XBOLT
Azim: 359.83 Incl: 89.9
TVD: 6786.73
Azim: 2.95 Incl: 90.12
TVD: 6786.72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13,480
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13,540
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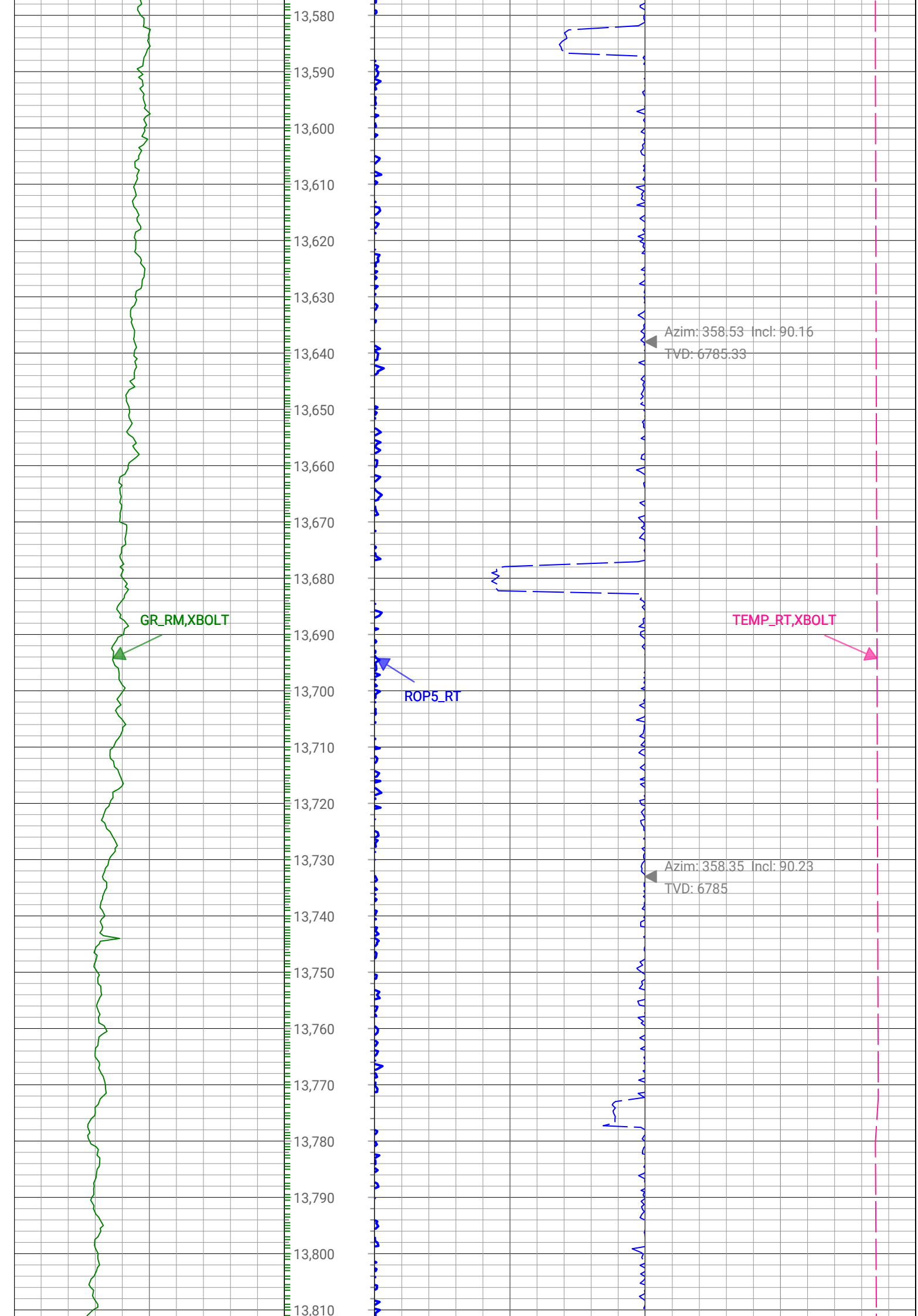
Azim: 0.24 Incl: 90.18
TVD: 6786.47
Azim: 0.55 Incl: 90.28
TVD: 6786.09
TEMP_RT,XBOLT
GR_RM,XBOLT
ROP5_RT
Azim: 358.32 Incl: 90.24
TVD: 6785.66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13,800
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Azim: 358.53 Incl: 90.16
TVD: 6785.33
GR_RM,XBOLT
TEMP_RT,XBOLT
ROP5_RT
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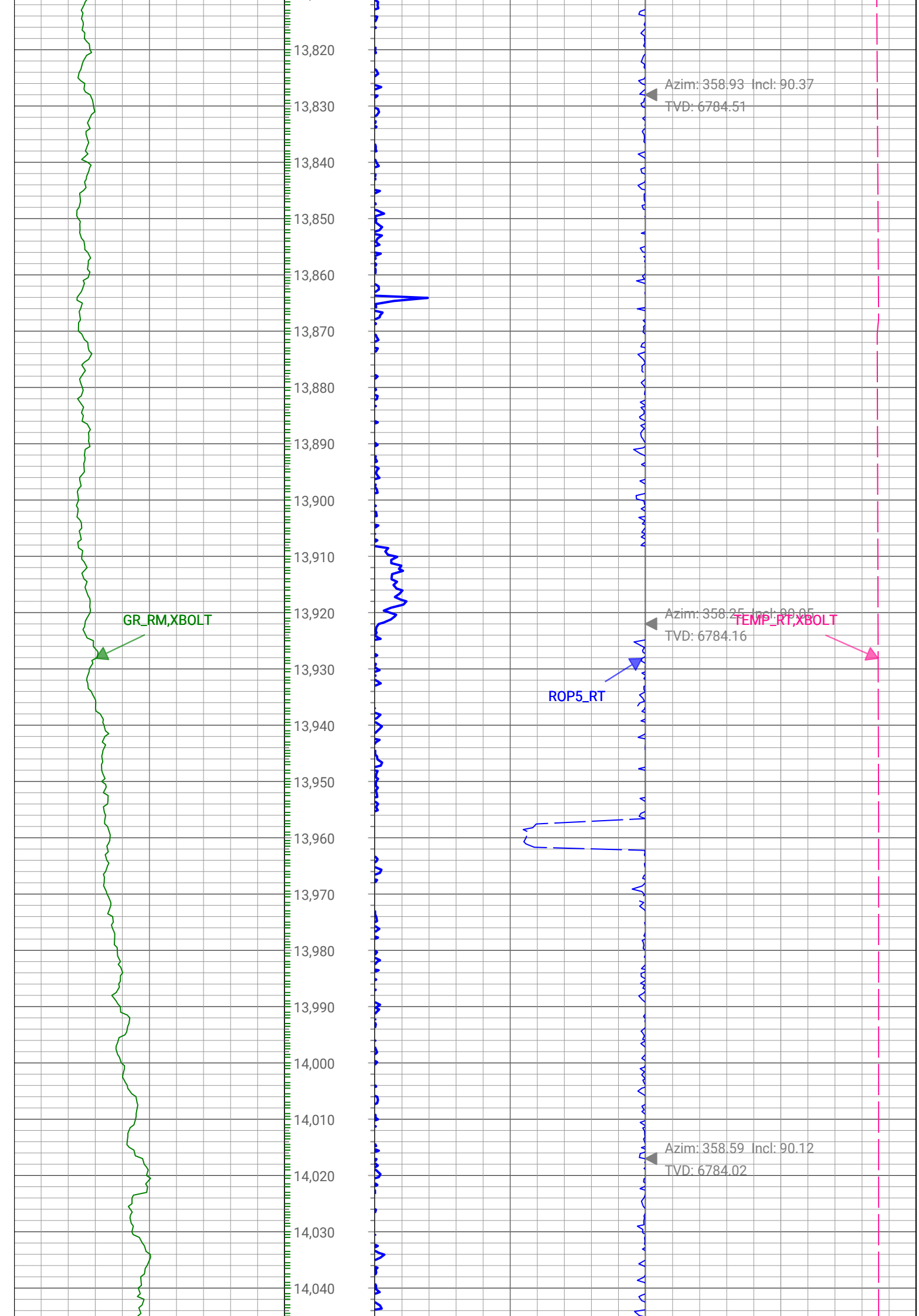
TVD: 6785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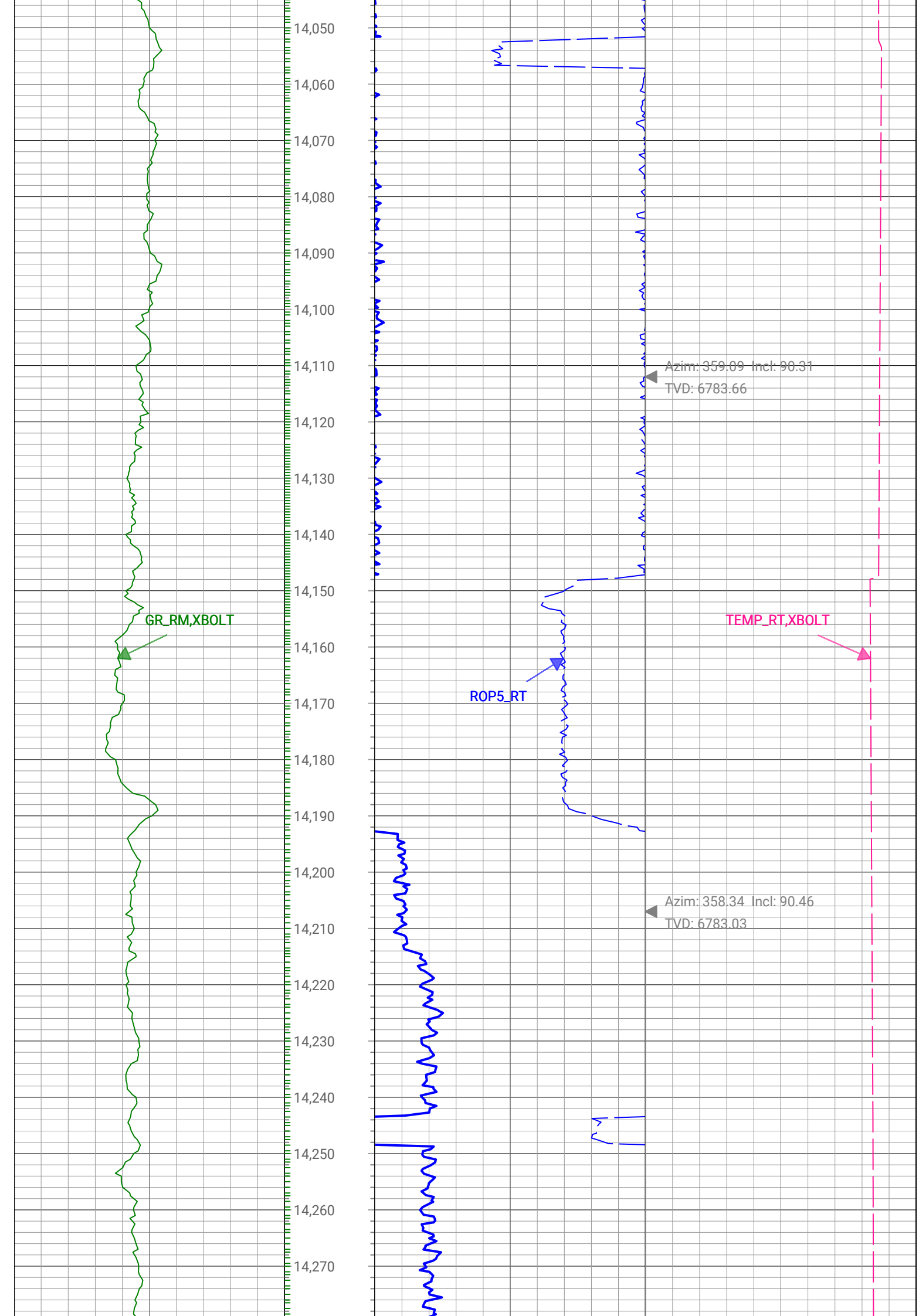
Azim: 358.93 Incl: 90.37
TVD: 6784.51
Azim: 358.25 Incl: 90.05
TVD: 6784.16
Azim: 358.59 Incl: 90.12
TVD: 6784.02
GR_RM,XBOLT
ROP5_RT
TEMP_RT,XBOLT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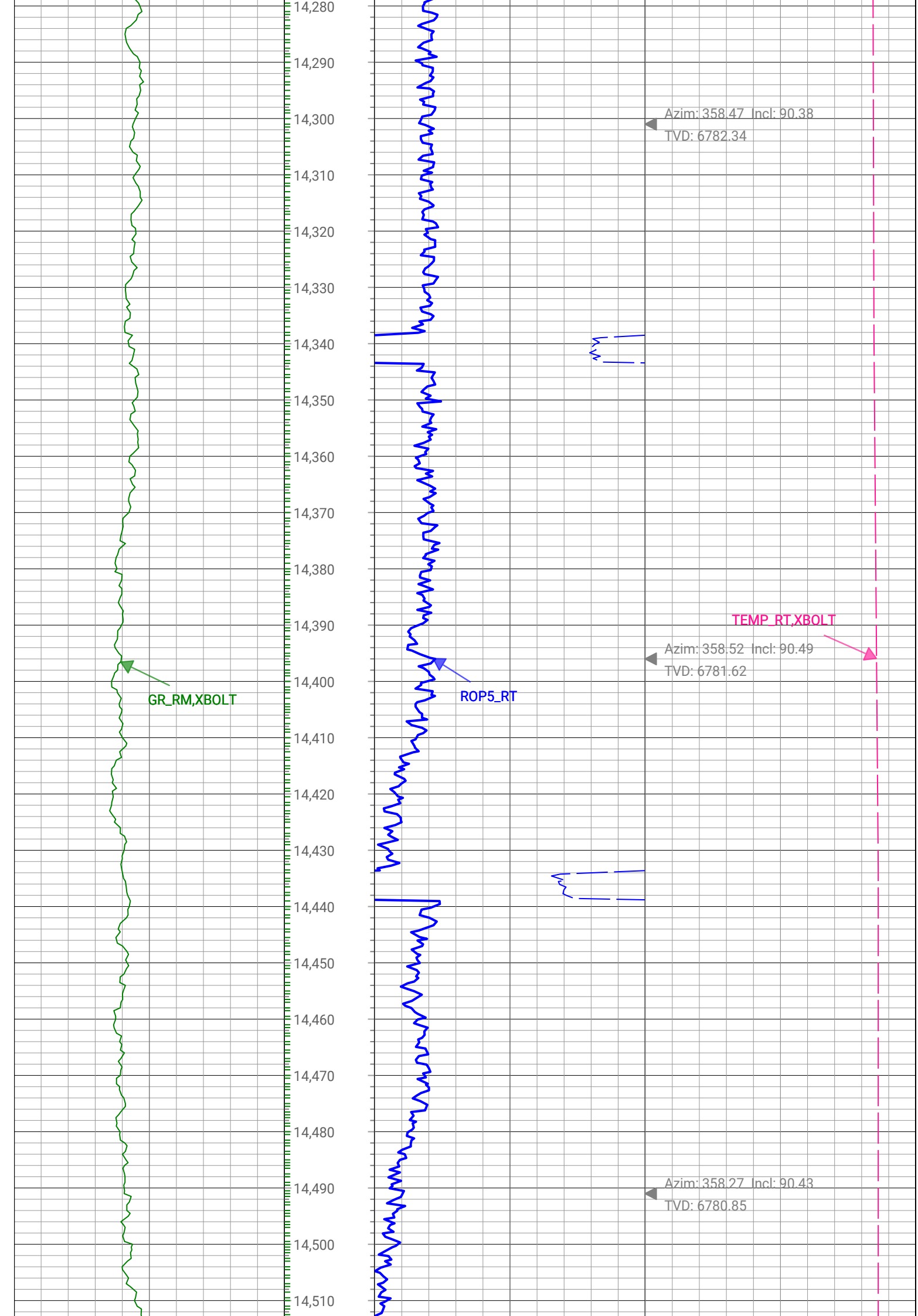
14,270
GR_RM,XBOLT
ROP5_RT
TEMP_RT,XBOLT
Azim: 359.09 Incl: 90.31
TVD: 6783.66
Azim: 358.34 Incl: 90.46
TVD: 6783.03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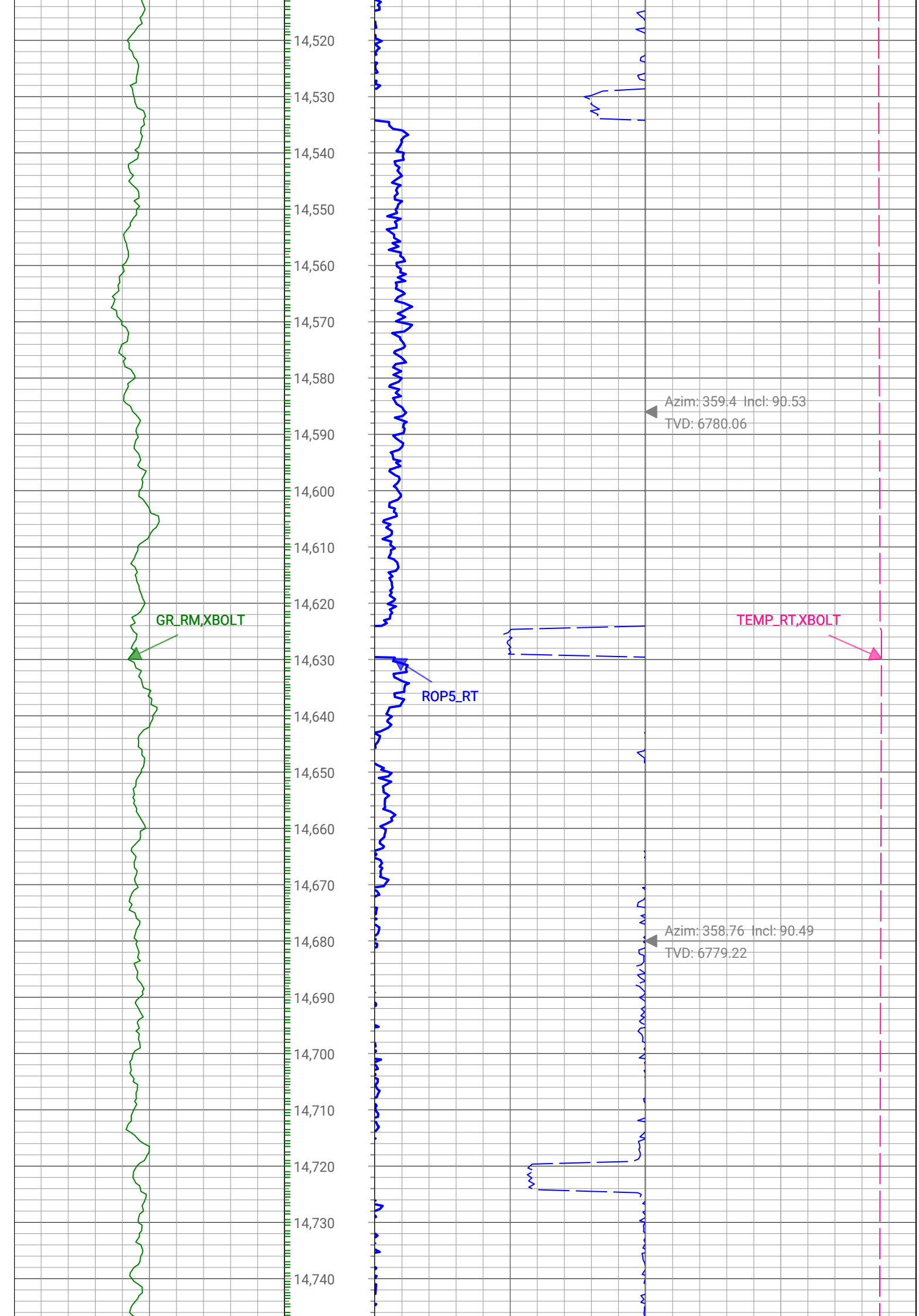
14,510
Azim: 358.47 Incl: 90.38
TVD: 6782.34
TEMP_RT,XBOLT
Azim: 358.52 Incl: 90.49
TVD: 6781.62
GR_RM,XBOLT
ROP5_RT
Azim: 358.27 Incl: 90.43
TVD: 6780.85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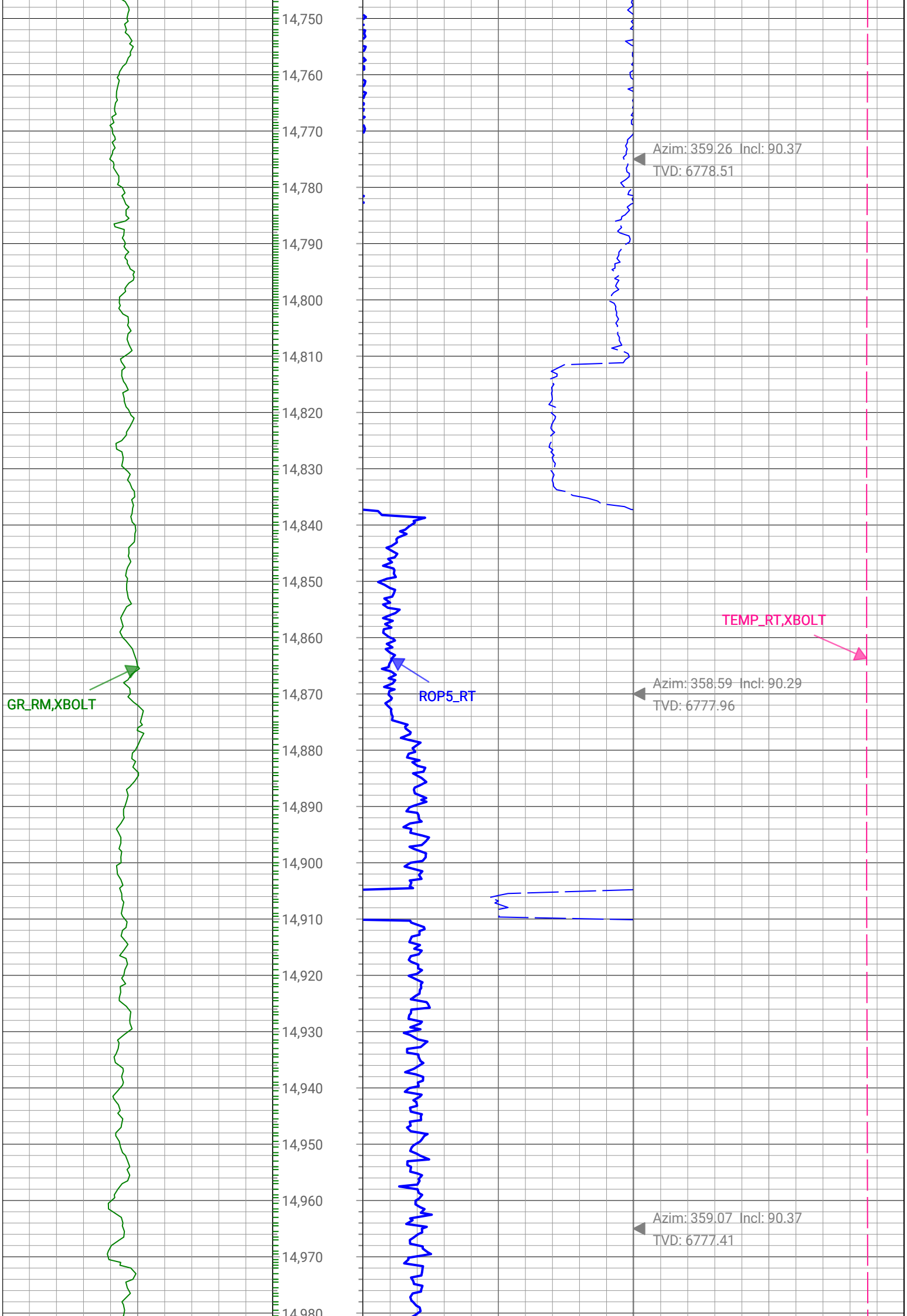
14,740
GR_RM,XBOLT
ROP5_RT
TEMP_RT,XBOLT
Azim: 359.4 Incl: 90.53
TVD: 6780.06
Azim: 358.76 Incl: 90.49
TVD: 6779.22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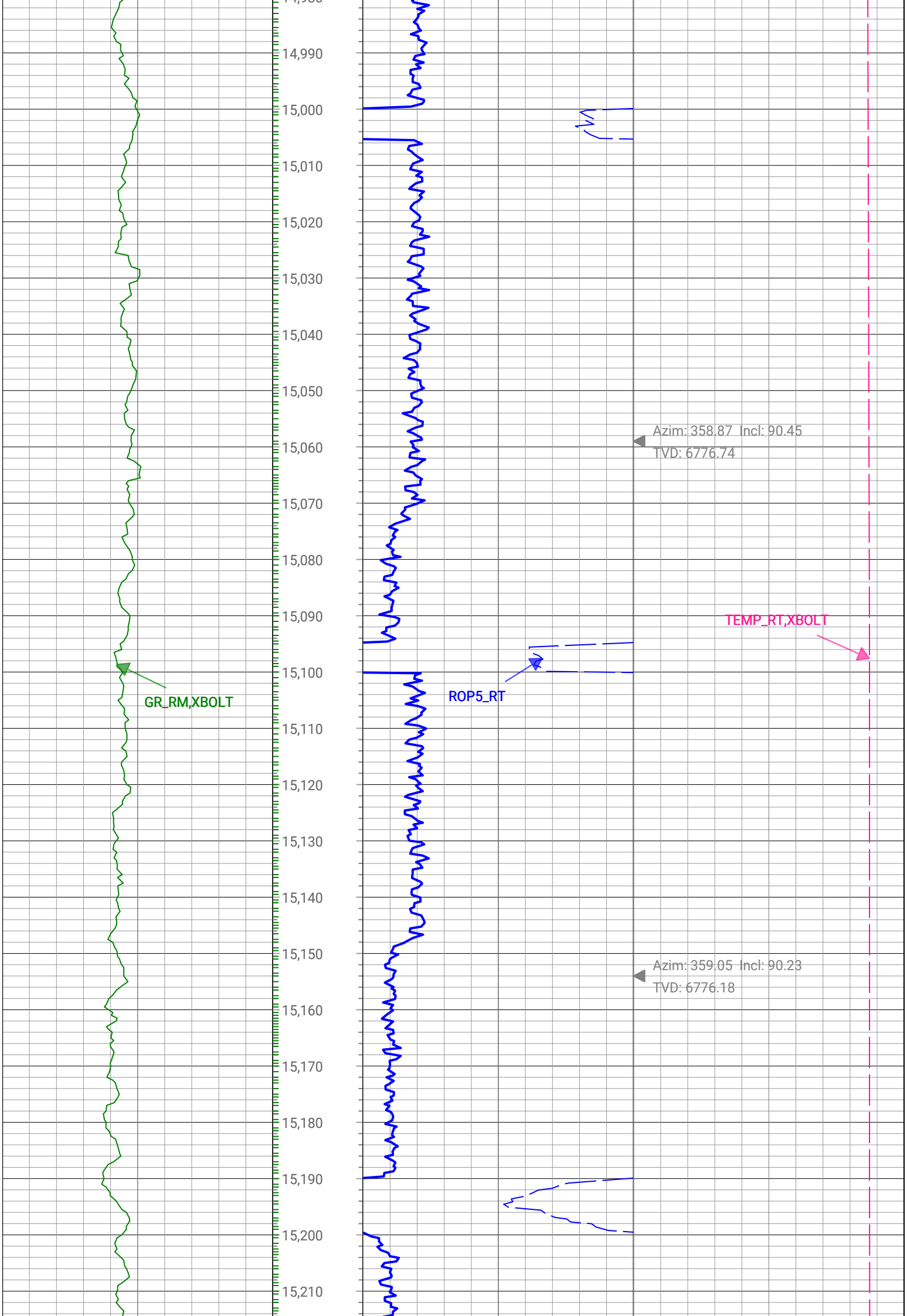
14,930
14,940
14,950
14,960
14,970
14,980
Azim: 359.26 Incl: 90.37
TVD: 6778.51
TEMP_RT,XBOLT
GR_RM,XBOLT
ROP5_RT
Azim: 358.59 Incl: 90.29
TVD: 6777.96
Azim: 359.07 Incl: 90.37
TVD: 6777.41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15,210
Azim: 358.87 Incl: 90.45
TVD: 6776.74
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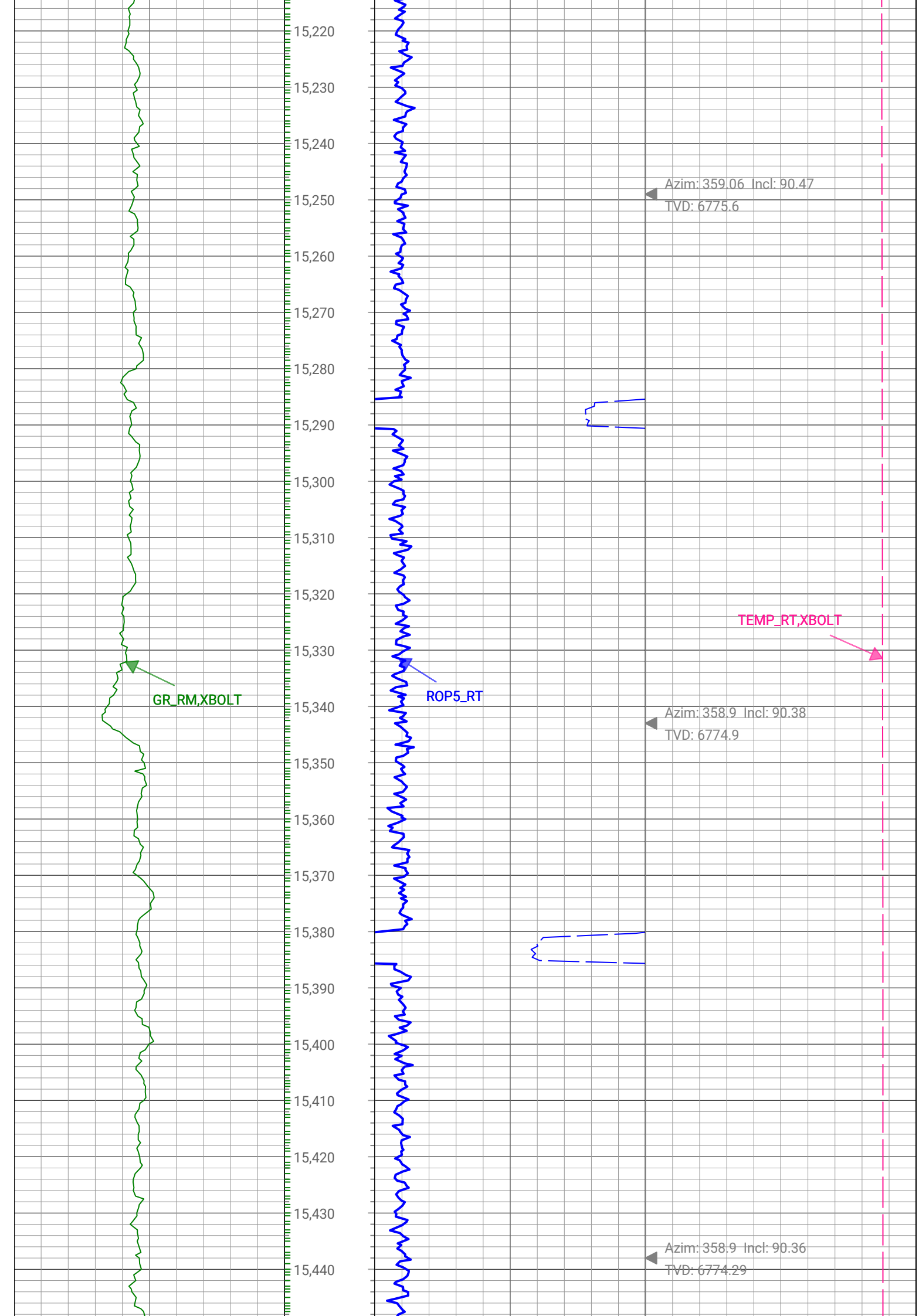
TVD: 6776.18
GR_RM,XBOLT
ROP5_RT
TEMP_RT,XBOLT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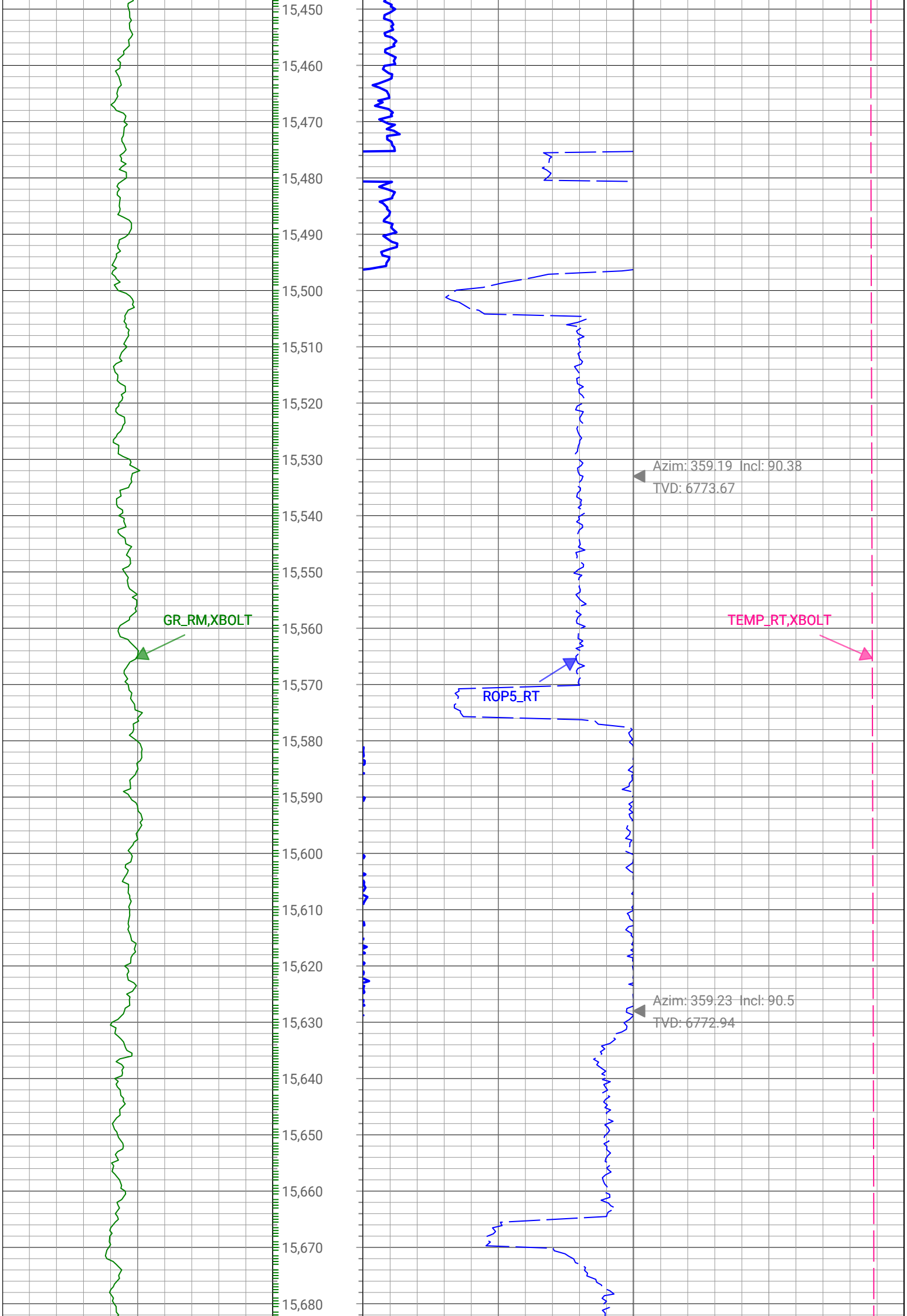
15,430
15,440
Azim: 359.06 Incl: 90.47
TVD: 6775.6
TEMP_RT,XBOLT
GR_RM,XBOLT
ROP5_RT
Azim: 358.9 Incl: 90.38
TVD: 6774.9
Azim: 358.9 Incl: 90.36
TVD: 6774.29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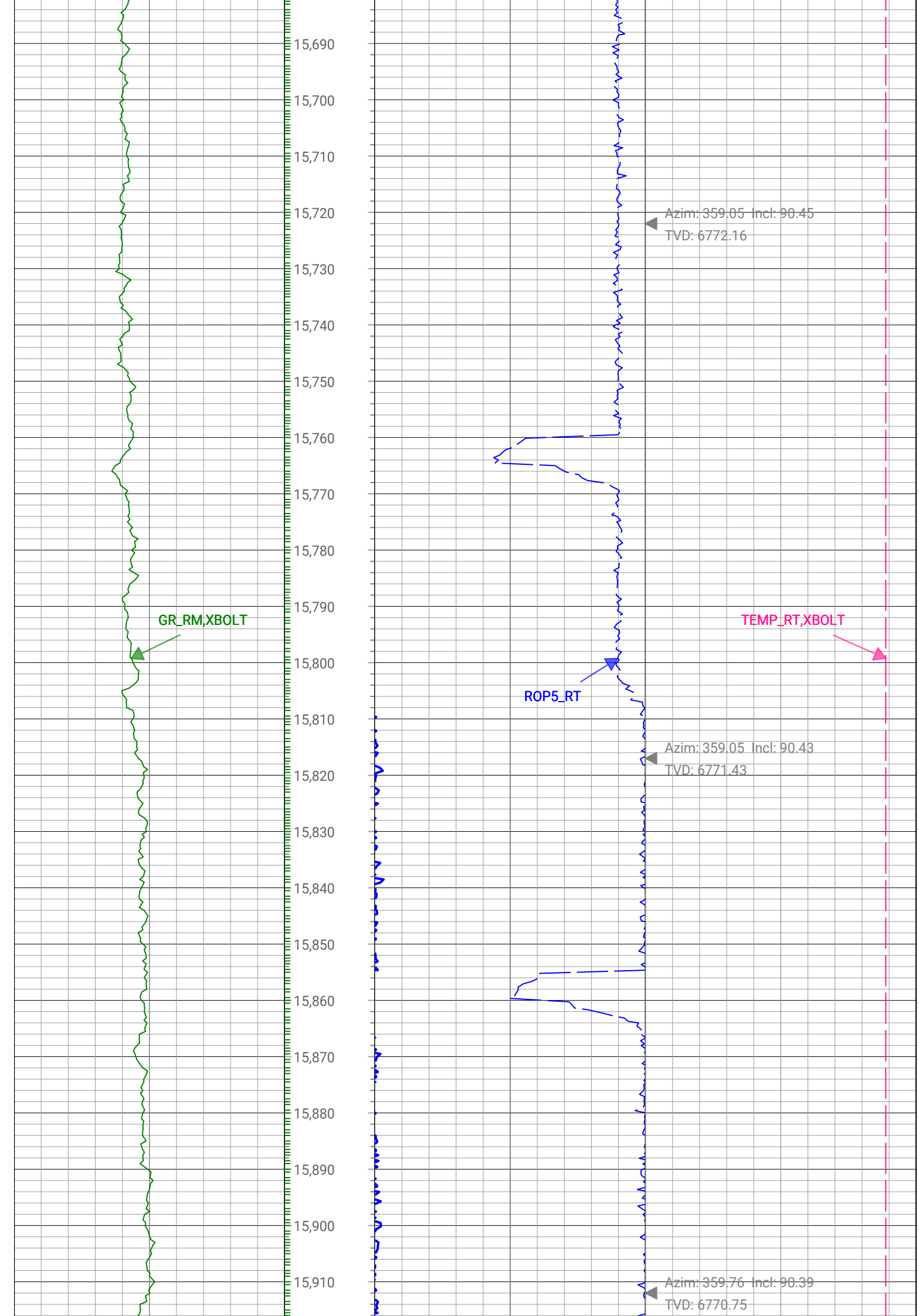
15,680
GR_RM,XBOLT
ROP5_RT
TEMP_RT,XBOLT
Azim: 359.19 Incl: 90.38
TVD: 6773.67
Azim: 359.23 Incl: 90.5
TVD: 6772.94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15,840
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15,860
15,870
15,880
15,890
15,900
15,910
GR_RM,XBOLT
TEMP_RT,XBOLT
ROP5_RT
Azim: 359.05 Incl: 90.45
TVD: 6772.16
Azim: 359.05 Incl: 90.43
TVD: 6771.43
Azim: 359.76 Incl: 90.39
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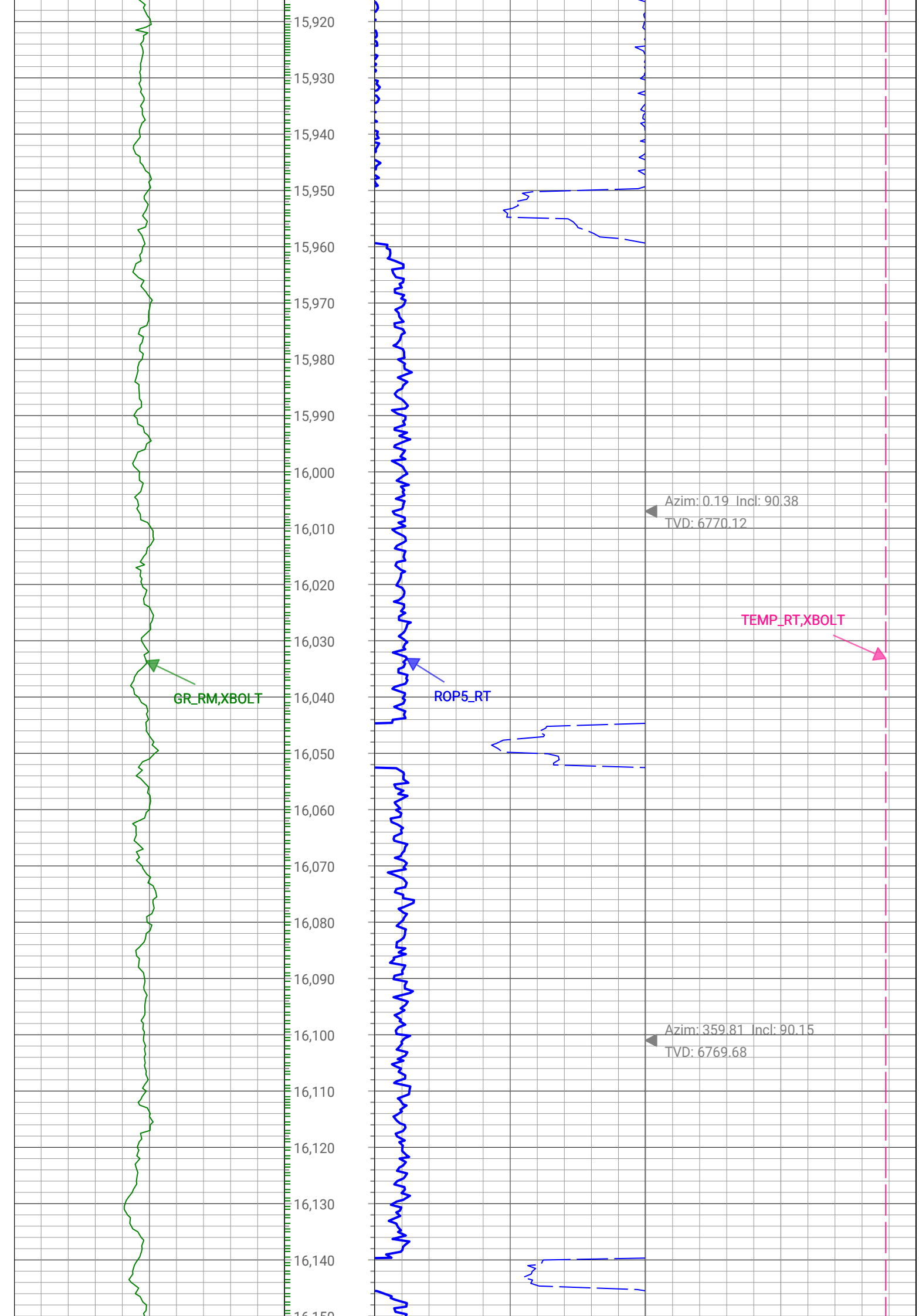
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16,120
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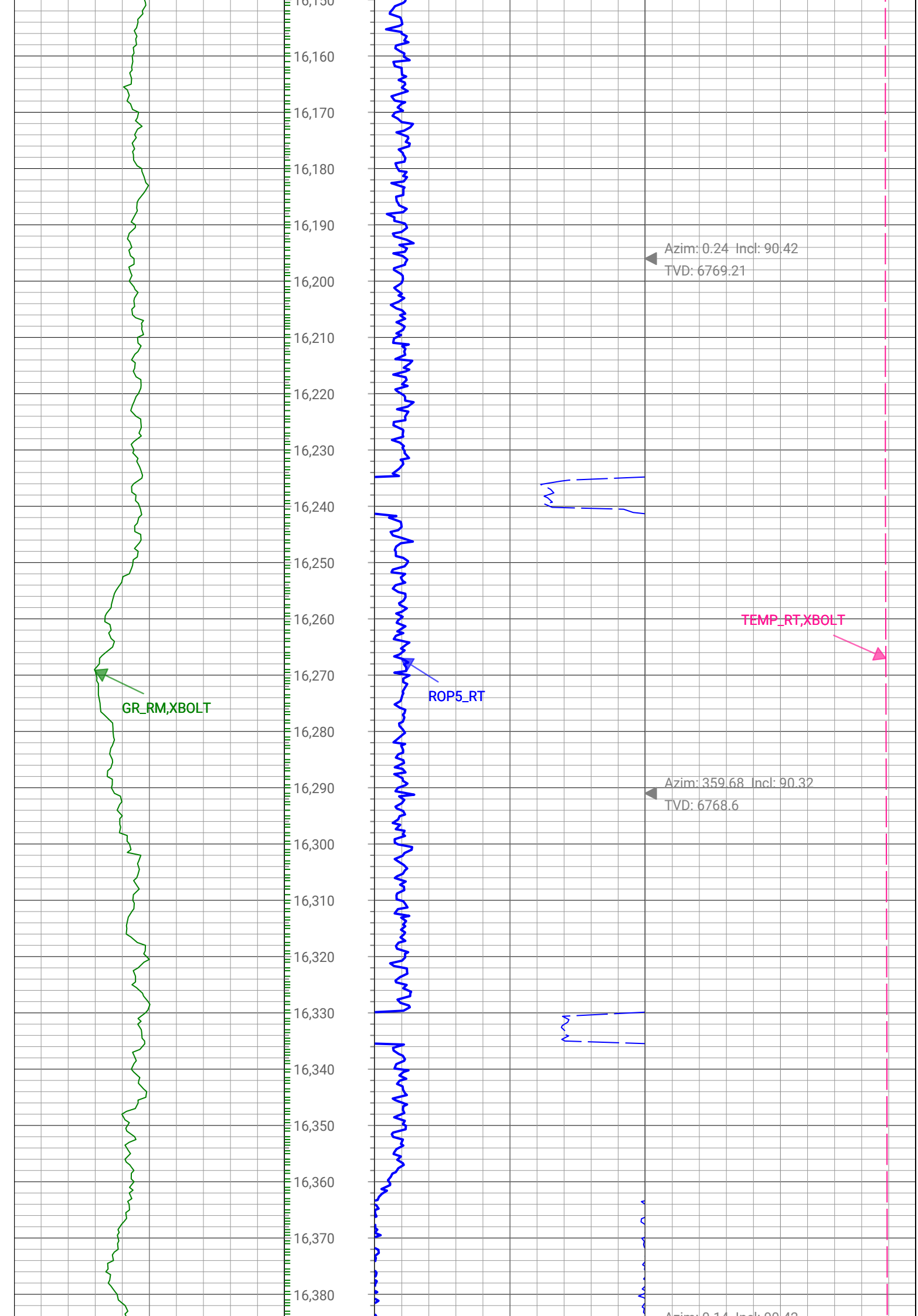
16,140
Azim: 0.19 Incl: 90.38
TVD: 6770.12
TEMP_RT,XBOLT
GR_RM,XBOLT
ROP5_RT
Azim: 359.81 Incl: 90.15
TVD: 6769.68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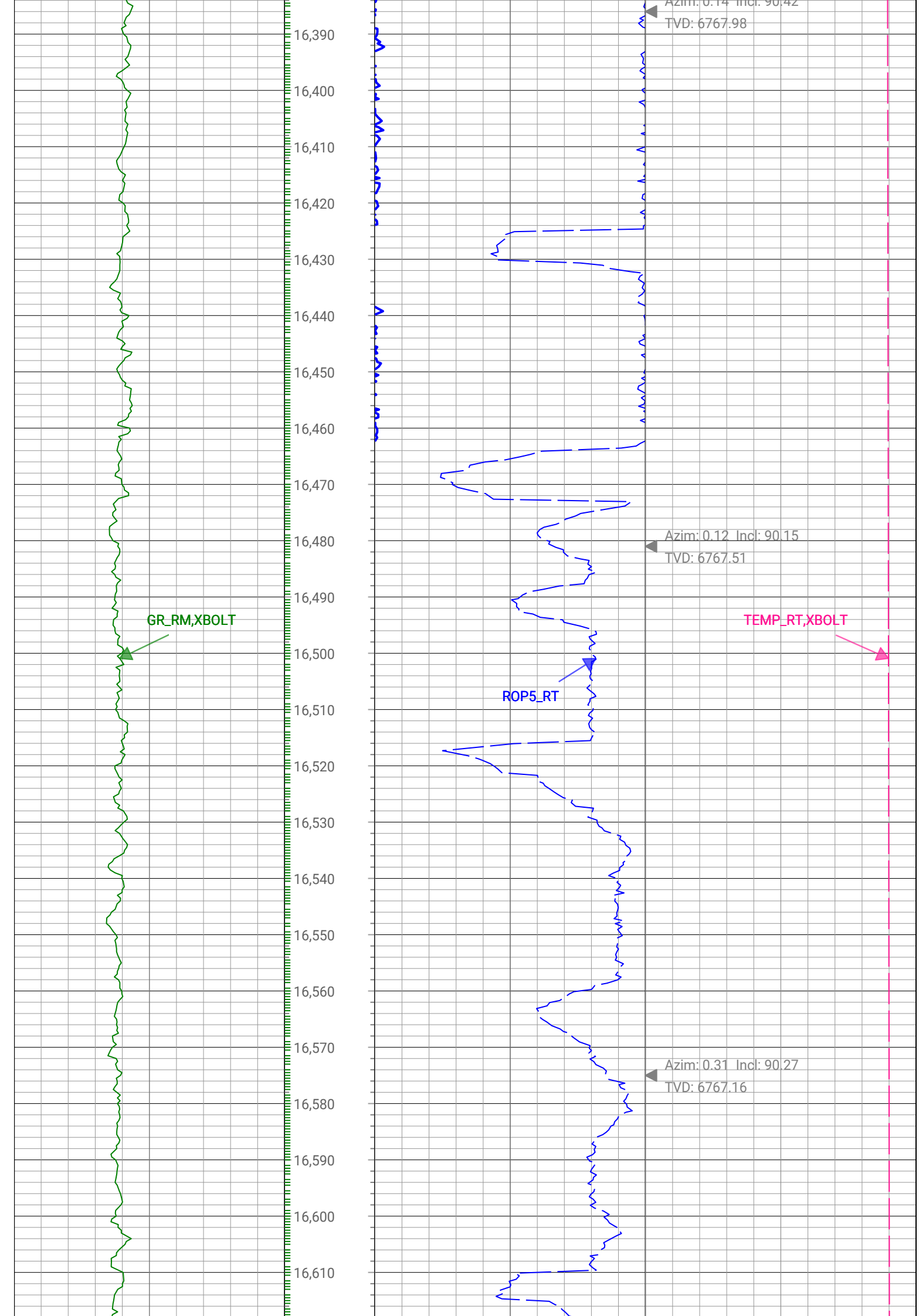
16,380
Azim: 0.24 Incl: 90.42
TVD: 6769.21
TEMP_RT,XBOLT
GR_RM,XBOLT
ROP5_RT
Azim: 359.68 Incl: 90.32
TVD: 6768.6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16,600
16,610
Azim: 0.12 Incl: 90.15
TVD: 6767.51
GR_RM,XBOLT
TEMP_RT,XBOLT
ROP5_RT
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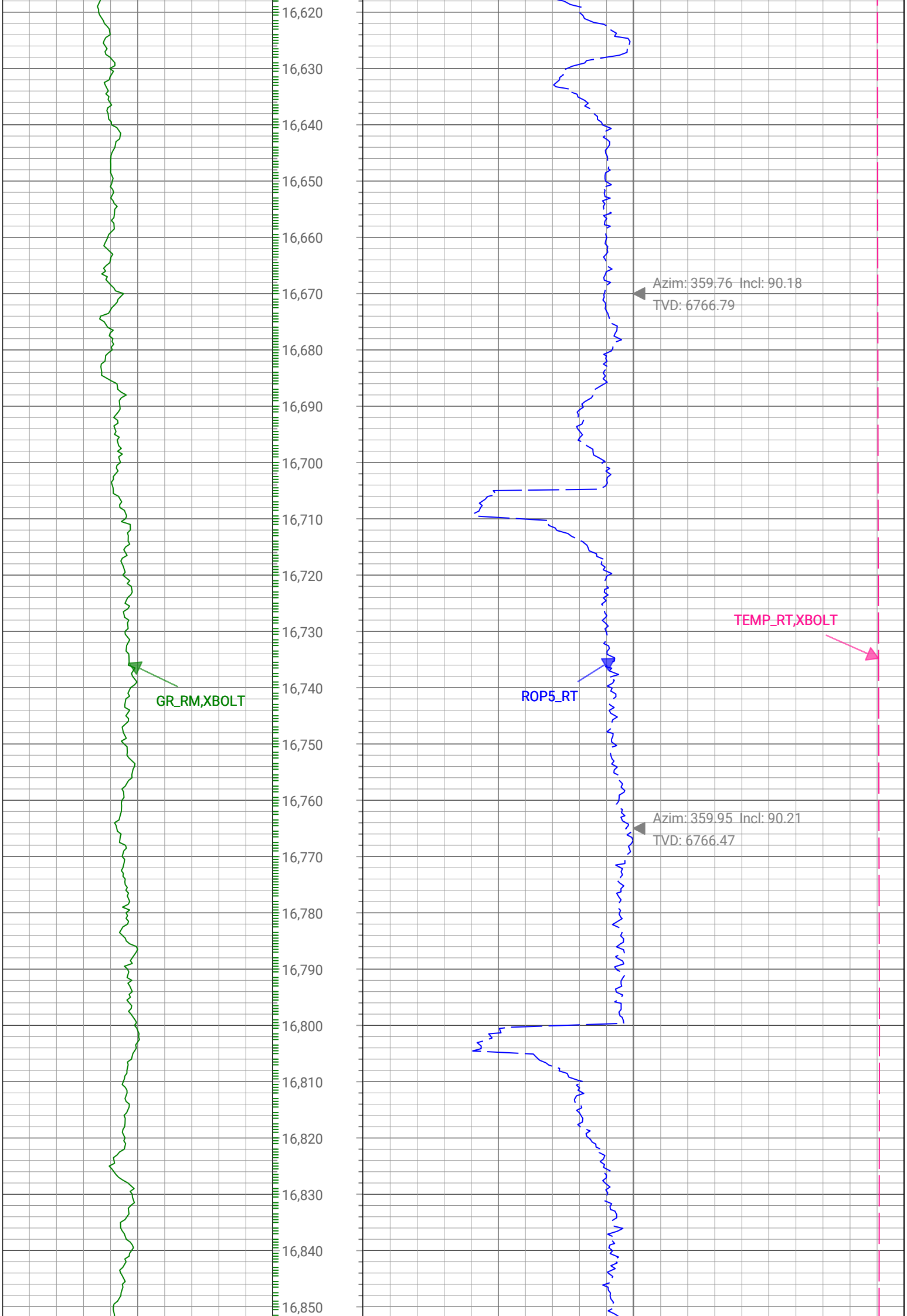
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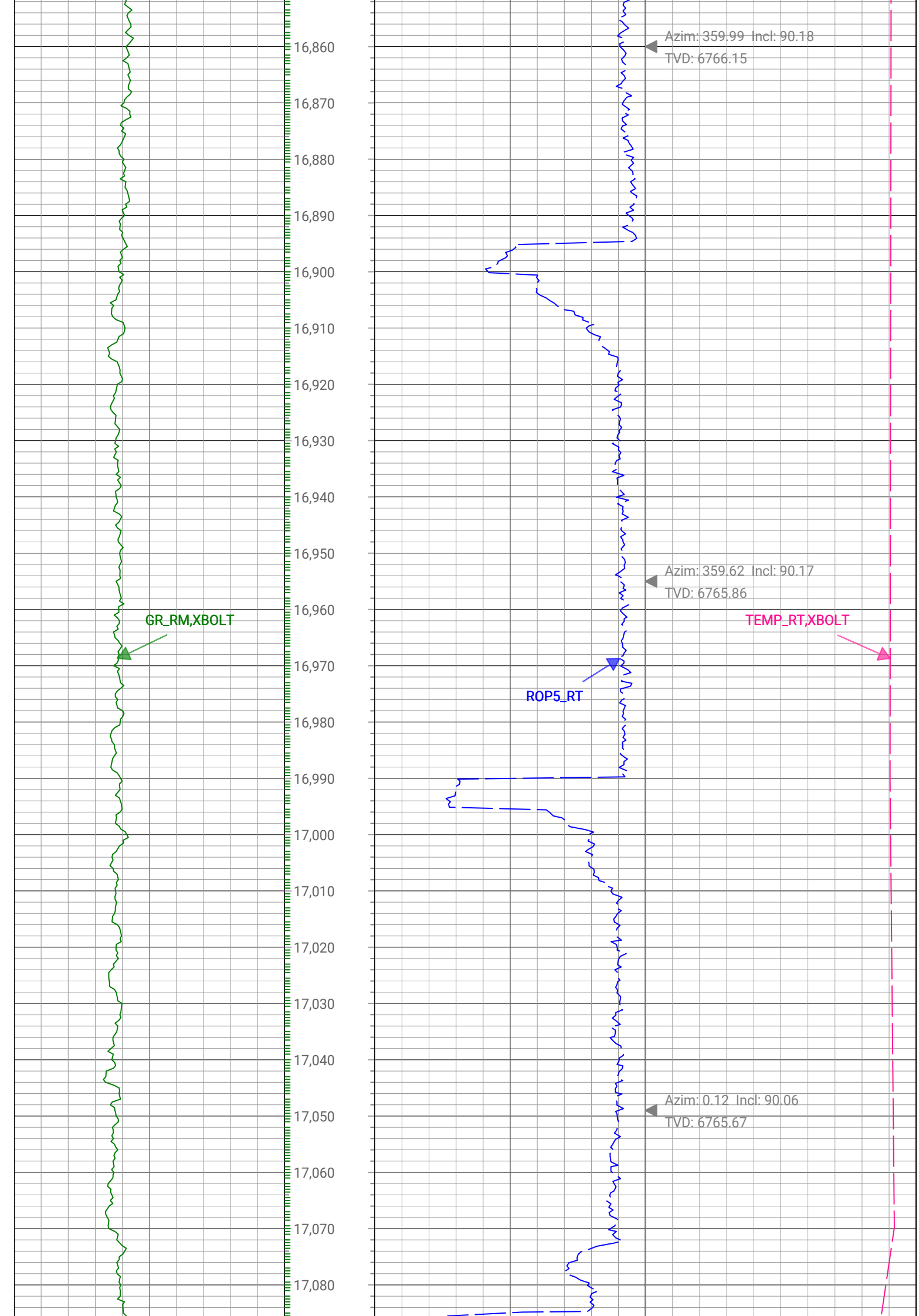
16,730
16,740
16,750
16,760
16,770
16,780
16,790
16,800
16,810
16,820
16,830
16,840
16,850
Azim: 359.76 Incl: 90.18
TVD: 6766.79
TEMP_RT,XBOLT
GR_RM,XBOLT
ROP5_RT
Azim: 359.95 Incl: 90.21
TVD: 6766.47


16,860
16,870
16,880
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16,990
17,000
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17,020
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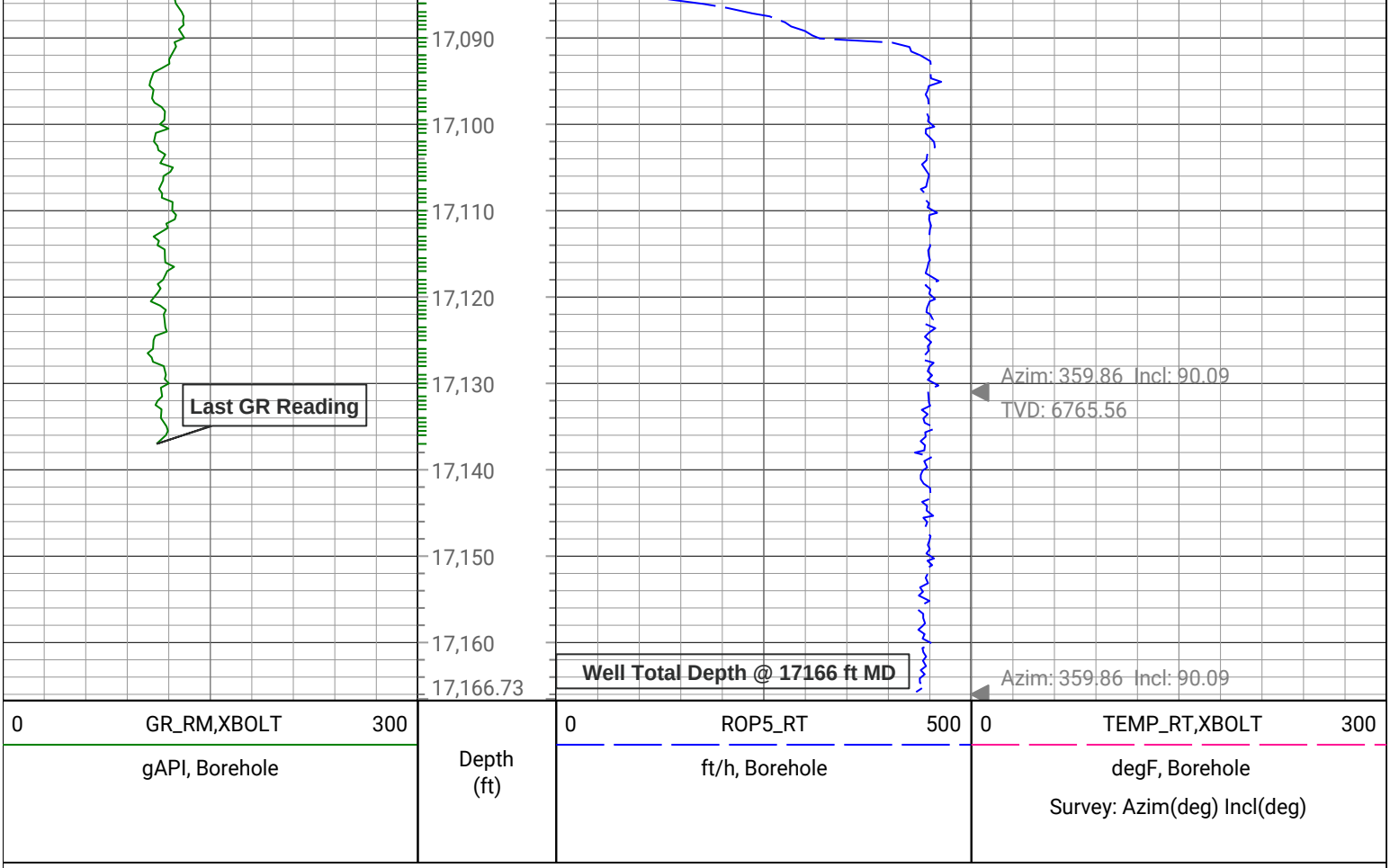
17,040
17,050
17,060
17,070
17,080
Azim: 359.99 Incl: 90.18
TVD: 6766.15
Azim: 359.62 Incl: 90.17
TVD: 6765.86
Azim: 0.12 Incl: 90.06
TVD: 6765.67
GR_RM,XBOLT
ROP5_RT
TEMP_RT,XBOLT



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

Creation Date: 29-Nov-2022

Survey Record

Survey Calculation

North Reference: Grid 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 2022	Geomagnetic Date:	24-Oct-2022 18:00:00
Location B:	51789.458 (nT)	Location G:	999.03 (mgn)
Magnetic Dip:	66.56 (deg)	Magnetic Dec:	7.797 (deg)
Total Correction:	7.185		

D&I Inits - Run - 2

Geomagnetic Model:	HDGM 2022	Geomagnetic Date:	22-Oct-2022 18:00:00
Location B:	51783.256 (nT)	Location G:	999.031 (mgn)
Magnetic Dip:	66.558 (deg)	Magnetic Dec:	7.792 (deg)
Total Correction:	7.18		

D&I Inits - Run - 3

Geomagnetic Model:	HDGM 2022	Geomagnetic Date:	23-Oct-2022 18:00:00
Location B:	51783.256 (nT)	Location G:	999.03 (mgn)
Magnetic Dip:	66.558 (deg)	Magnetic Dec:	7.792 (deg)
Total Correction:	7.18		

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
187	0.29	251.93	187	-0.17	-0.15	-0.45	0.16	0.47	251.93	MWD

276	0.1	47.55	276	-0.2	-0.16	-0.61	0.43	0.63	254.85	MWD
372	0.3	278.75	372	-0.12	-0.07	-0.79	0.39	0.8	265	MWD
466	0.35	291.46	466	-0.01	0.07	-1.3	0.09	1.31	273.21	MWD
561	0.16	77.34	561	0.12	0.21	-1.44	0.52	1.46	278.2	MWD
656	0.28	297.87	656	0.25	0.35	-1.52	0.44	1.56	282.82	MWD
751	0.28	239.43	751	0.21	0.34	-1.93	0.29	1.95	279.91	MWD
846	0.27	189.88	845.99	-0.14	0	-2.16	0.24	2.16	269.94	MWD
940	0.12	47.21	939.99	-0.29	-0.15	-2.13	0.4	2.13	265.87	MWD
1035	0.32	148.95	1034.99	-0.43	-0.31	-1.92	0.38	1.94	260.73	MWD
1130	0.24	122.73	1129.99	-0.75	-0.65	-1.62	0.16	1.74	248.13	MWD
1225	0.15	102.95	1224.99	-0.87	-0.78	-1.33	0.12	1.54	239.43	MWD
1319	0.38	203.14	1318.99	-1.18	-1.1	-1.33	0.46	1.72	230.45	MWD
1414	0.38	176.87	1413.99	-1.79	-1.7	-1.44	0.18	2.23	220.15	MWD
1509	0.44	56.83	1508.99	-1.88	-1.82	-1.11	0.75	2.13	211.49	MWD
1604	0.48	74.83	1603.98	-1.54	-1.51	-0.42	0.16	1.57	195.65	MWD
1698	0.37	110.64	1697.98	-1.5	-1.52	0.24	0.3	1.54	171.01	MWD
1793	0.12	144.84	1792.98	-1.67	-1.71	0.58	0.29	1.8	161.1	MWD
1888	0.35	140.08	1887.98	-1.95	-2.01	0.83	0.24	2.17	157.62	MWD
1915	0.26	155.2	1914.98	-2.07	-2.13	0.91	0.44	2.31	156.94	MWD
1982	0.42	282.02	1981.98	-2.17	-2.22	0.73	0.91	2.33	161.76	MWD
2077	0.79	291.27	2076.97	-1.92	-1.91	-0.22	0.4	1.92	186.6	MWD
2172	1.17	292.98	2171.96	-1.4	-1.29	-1.72	0.4	2.15	233.19	MWD
2267	0.6	239.83	2266.95	-1.35	-1.16	-3.05	0.99	3.26	249.14	MWD
2361	3.83	167.66	2360.87	-4.64	-4.48	-2.8	3.93	5.28	212.04	MWD
2456	6.24	166.35	2455.5	-12.63	-12.59	-0.9	2.54	12.63	184.11	MWD
2551	9.42	161.4	2549.6	-24.76	-24.98	2.79	3.42	25.14	173.62	MWD
2646	12.19	158.01	2642.91	-41	-41.66	9.03	2.99	42.62	167.77	MWD
2740	13.18	158.26	2734.62	-59.64	-60.81	16.72	1.05	63.07	164.63	MWD
2835	13.3	139.94	2827.13	-77.33	-79.24	27.77	4.4	83.97	160.69	MWD
2930	14.47	140.72	2919.35	-93.93	-96.8	42.31	1.25	105.64	156.39	MWD
3025	14.96	143.94	3011.24	-112.06	-115.9	57.05	1	129.17	153.79	MWD
3120	14.83	139.51	3103.05	-130.23	-135.05	72.16	1.21	153.12	151.88	MWD
3214	14.85	135	3193.92	-146.83	-152.72	88.49	1.23	176.51	149.91	MWD
3309	14.49	134.6	3285.82	-162.67	-169.68	105.56	0.39	199.83	148.11	MWD
3404	13.96	137.02	3377.91	-178.34	-186.4	121.83	0.84	222.69	146.83	MWD
3499	14.63	138.21	3469.97	-194.64	-203.73	137.64	0.77	245.87	145.96	MWD
3593	14.29	138.08	3560.99	-211.1	-221.22	153.3	0.36	269.14	145.28	MWD
3688	14.92	137.77	3652.92	-227.83	-239	169.35	0.67	292.92	144.68	MWD
3783	15.17	138.25	3744.66	-245.08	-257.32	185.85	0.29	317.42	144.16	MWD
3878	15.23	138.28	3836.34	-262.58	-275.91	202.43	0.06	342.21	143.73	MWD
3973	14.43	138.07	3928.17	-279.64	-294.03	218.65	0.84	366.42	143.36	MWD
4067	14.48	134.59	4019.2	-295.55	-311	234.84	0.93	389.7	142.94	MWD
4162	15.04	137.19	4111.07	-311.83	-328.38	251.68	0.91	413.73	142.53	MWD
4257	14.81	137.99	4202.86	-328.82	-346.44	268.18	0.33	438.11	142.26	MWD
4352	15.31	137.42	4294.6	-345.99	-364.7	284.79	0.55	462.72	142.01	MWD
4447	14.71	139.38	4386.36	-363.31	-383.09	301.13	0.83	487.27	141.83	MWD
4541	14.66	138.23	4477.29	-380.21	-401.02	316.82	0.31	511.07	141.69	MWD
4636	15.37	140.67	4569.04	-397.87	-419.72	332.81	1	535.66	141.59	MWD
4731	15.07	135.27	4660.72	-415.3	-438.24	349.48	1.52	560.53	141.43	MWD
4826	15.18	139.63	4752.44	-432.43	-456.46	366.19	1.21	585.19	141.26	MWD

4826	15.12	139.68	4752.44	-432.43	-456.46	366.19	1.21	585.19	141.26	MWD
4920	15.6	141.45	4843.08	-450.62	-475.69	382	0.71	610.09	141.23	MWD
5015	15.34	135.71	4934.65	-468.51	-494.68	398.74	1.63	635.37	141.13	MWD
5110	14.94	140.61	5026.35	-485.89	-513.14	415.28	1.41	660.13	141.02	MWD
5205	15.02	139.97	5118.13	-503.75	-532.03	430.97	0.19	684.68	140.99	MWD
5299	14.99	143.56	5208.92	-521.87	-551.13	446.03	0.99	709.01	141.02	MWD
5394	15	143.4	5300.69	-540.66	-570.89	460.66	0.04	733.56	141.1	MWD
5489	15.12	142.6	5392.42	-559.4	-590.6	475.51	0.25	758.23	141.16	MWD
5584	14.85	142.84	5484.19	-577.96	-610.14	490.39	0.29	782.79	141.21	MWD
5678	15.58	140.78	5574.9	-596.34	-629.52	505.65	0.97	807.45	141.23	MWD
5773	15.06	140.97	5666.52	-614.77	-648.99	521.49	0.55	832.55	141.22	MWD
5868	15.98	140.76	5758.06	-633.44	-668.71	537.53	0.97	857.97	141.21	Manual
5963	15.79	141.56	5849.43	-652.62	-688.96	553.84	0.31	883.97	141.21	Manual
6058	15.41	139.34	5940.93	-671.25	-708.66	570.1	0.74	909.51	141.18	Manual
6152	11.98	98.14	6032.45	-680.99	-719.54	587.94	10.73	929.2	140.75	Manual
6247	8.06	45.17	6126.17	-676.77	-716.24	602.46	10.07	935.92	139.93	Manual
6342	13.25	13.82	6219.57	-661.05	-700.95	609.79	8	929.07	138.98	Manual
6437	19.52	17.4	6310.67	-634.89	-675.2	617.15	6.68	914.75	137.57	Manual
6531	24.56	24.31	6397.79	-601.34	-642.39	629.9	6.02	899.68	135.56	Manual
6626	34.12	29.42	6480.52	-558.77	-601.09	651.16	10.39	886.18	132.71	Manual
6721	43.17	26.98	6554.64	-504.84	-548.8	679.06	9.66	873.1	128.94	Manual
6816	52.4	21	6618.44	-438.91	-484.54	707.36	10.77	857.4	124.41	Manual
6911	60.04	12.62	6671.28	-362.14	-409.04	729.9	10.87	836.7	119.27	Manual
7005	66.41	5.79	6713.65	-278.72	-326.29	743.17	9.38	811.64	113.7	Manual
7100	71.62	358.8	6747.7	-190.14	-237.76	746.62	8.79	783.56	107.66	Manual
7195	76.92	359.7	6773.44	-99	-146.36	745.43	5.65	759.67	101.11	Manual
7290	81.3	1.32	6791.39	-5.87	-53.1	746.27	4.91	748.16	94.07	Manual
7385	87.95	3.4	6800.28	88.63	41.35	750.18	7.33	751.31	86.85	Manual
7479	89.78	359.51	6802.14	182.52	135.27	752.56	4.57	764.62	79.81	Manual
7574	88.35	353.09	6803.7	276.68	230.01	746.44	6.92	781.07	72.87	Manual
7669	89.47	353.35	6805.5	370.1	324.33	735.22	1.21	803.58	66.2	Manual
7764	90.35	354.41	6805.65	463.73	418.79	725.09	1.45	837.34	59.99	Manual
7858	90.52	357.46	6804.94	556.87	512.54	718.43	3.25	882.52	54.5	Manual
7953	90.4	357.02	6804.18	651.28	607.42	713.86	0.48	937.31	49.61	Manual
8048	90.45	356.44	6803.47	745.59	702.26	708.44	0.61	997.53	45.25	Manual
8143	90.24	356.9	6802.9	839.89	797.1	702.92	0.53	1062.76	41.41	Manual
8237	90.54	356.63	6802.26	933.22	890.95	697.62	0.43	1131.57	38.06	Manual
8332	90.03	356.55	6801.79	1027.5	985.78	691.97	0.54	1204.4	35.07	Manual
8427	90.42	357.57	6801.41	1121.88	1080.65	687.09	1.15	1280.59	32.45	Manual
8522	90.08	358.12	6801	1216.39	1175.58	683.52	0.68	1359.85	30.18	Manual
8616	90.3	357.86	6800.69	1309.94	1269.53	680.22	0.36	1440.28	28.18	Manual
8711	90.45	357.81	6800.07	1404.45	1364.46	676.64	0.17	1523.01	26.38	Manual
8806	90.38	358.85	6799.38	1499.05	1459.41	673.87	1.1	1607.48	24.78	Manual
8901	90.68	359.26	6798.5	1593.74	1554.39	672.3	0.53	1693.55	23.39	Manual
8995	90.44	359.12	6797.58	1687.46	1648.38	670.97	0.3	1779.71	22.15	Manual
9090	90.3	359.94	6796.97	1782.21	1743.37	670.19	0.88	1867.76	21.03	Manual
9185	90.6	0.31	6796.22	1877.03	1838.37	670.4	0.5	1956.79	20.04	Manual
9280	89.41	359.92	6796.21	1971.85	1933.37	670.59	1.32	2046.36	19.13	Manual
9374	90.06	0.12	6796.65	2065.66	2027.37	670.62	0.72	2135.4	18.3	Manual
9469	89.85	0.02	6796.72	2160.48	2122.37	670.74	0.24	2225.83	17.54	Manual

9564	89.75	0.24	6797.05	2255.3	2217.37	670.95	0.25	2316.66	16.84	Manual
9659	90.03	0.87	6797.24	2350.17	2312.36	671.87	0.73	2407.99	16.2	Manual
9753	91.22	0.31	6796.21	2444.03	2406.35	672.84	1.4	2498.65	15.62	Manual
9848	91.89	1.46	6793.63	2538.88	2501.3	674.31	1.4	2590.6	15.09	Manual
9943	92.39	1.99	6790.08	2633.77	2596.19	677.17	0.77	2683.05	14.62	Manual
10038	90.48	0.36	6787.71	2728.64	2691.13	679.11	2.64	2775.5	14.16	Manual
10132	89.62	357.98	6787.62	2822.35	2785.11	677.75	2.69	2866.39	13.68	Manual
10227	89.96	357.91	6787.97	2916.88	2880.05	674.35	0.37	2957.95	13.18	Manual
10322	90.05	356.75	6787.96	3011.31	2974.95	669.92	1.22	3049.44	12.69	Manual
10417	89.99	357.64	6787.93	3105.71	3069.83	665.27	0.94	3141.09	12.23	Manual
10512	90.12	358.27	6787.84	3200.25	3164.77	661.88	0.68	3233.24	11.81	Manual
10606	90.11	357.64	6787.65	3293.79	3258.71	658.53	0.67	3324.58	11.42	Manual
10701	90.21	358.39	6787.38	3388.33	3353.65	655.24	0.8	3417.06	11.06	Manual
10796	90.21	358.65	6787.04	3482.96	3448.62	652.78	0.27	3509.86	10.72	Manual
10891	90.19	358.96	6786.71	3577.62	3543.6	650.8	0.33	3602.87	10.41	Manual
10984	90.24	359.45	6786.36	3670.34	3636.59	649.51	0.53	3694.14	10.13	Manual
11080	90	358.94	6786.15	3766.06	3732.58	648.16	0.59	3788.44	9.85	Manual
11175	90.03	359.66	6786.13	3860.79	3827.57	647	0.76	3881.87	9.59	Manual
11270	89.82	359.36	6786.25	3955.54	3922.57	646.19	0.39	3975.44	9.35	Manual
11365	90.02	0.39	6786.39	4050.34	4017.57	645.98	1.1	4069.17	9.13	Manual
11460	89.92	359.99	6786.44	4145.17	4112.57	646.3	0.43	4163.04	8.93	Manual
11554	90.03	359.94	6786.48	4238.98	4206.57	646.24	0.13	4255.92	8.73	Manual
11649	90.05	0.17	6786.41	4333.79	4301.57	646.33	0.24	4349.85	8.55	Manual
11744	89.98	0.53	6786.39	4428.64	4396.56	646.91	0.39	4443.9	8.37	Manual
11839	89.98	0.69	6786.42	4523.51	4491.56	647.92	0.17	4538.05	8.21	Manual
11933	90.02	0.92	6786.42	4617.39	4585.55	649.24	0.25	4631.28	8.06	Manual
12028	90.12	1.42	6786.3	4712.31	4680.53	651.18	0.54	4725.61	7.92	Manual
12123	90.02	0.64	6786.19	4807.21	4775.51	652.89	0.83	4819.94	7.79	Manual
12217	90.02	359.99	6786.15	4901.05	4869.51	653.41	0.69	4913.15	7.64	Manual
12312	89.99	0.65	6786.15	4995.89	4964.51	653.94	0.7	5007.39	7.5	Manual
12502	90.01	0.52	6786.15	5185.63	5154.5	655.88	0.07	5196.06	7.25	Manual
12596	89.85	0.64	6786.26	5279.49	5248.49	656.83	0.21	5289.43	7.13	Manual
12691	89.99	0.48	6786.39	5374.36	5343.49	657.76	0.22	5383.82	7.02	Manual
12786	89.95	0.88	6786.44	5469.23	5438.48	658.89	0.42	5478.25	6.91	Manual
12880	89.98	0.59	6786.5	5563.11	5532.47	660.09	0.31	5571.71	6.8	Manual
12975	89.92	1.15	6786.58	5658	5627.46	661.53	0.59	5666.21	6.7	Manual
13070	90	0.1	6786.65	5752.87	5722.46	662.57	1.11	5760.69	6.6	Manual
13164	89.9	359.83	6786.73	5846.68	5816.46	662.51	0.31	5854.07	6.5	Manual
13259	90.12	2.95	6786.72	5941.6	5911.42	664.82	3.29	5948.68	6.42	Manual
13354	90.18	0.24	6786.47	6036.53	6006.37	667.46	2.85	6043.34	6.34	Manual
13449	90.28	0.55	6786.09	6131.38	6101.37	668.12	0.34	6137.84	6.25	Manual
13543	90.24	358.32	6785.66	6225.12	6195.36	667.19	2.37	6231.18	6.15	Manual
13638	90.16	358.53	6785.33	6319.73	6290.32	664.58	0.24	6325.33	6.03	Manual
13733	90.23	358.35	6785	6414.34	6385.28	661.99	0.2	6419.51	5.92	Manual
13828	90.37	358.93	6784.51	6508.98	6480.25	659.74	0.63	6513.75	5.81	Manual
13922	90.05	358.25	6784.16	6602.62	6574.23	657.42	0.8	6607.01	5.71	Manual
14017	90.12	358.59	6784.02	6697.23	6669.19	654.8	0.37	6701.26	5.61	Manual
14112	90.31	359.09	6783.66	6791.89	6764.17	652.88	0.56	6795.6	5.51	Manual
14207	90.46	358.34	6783.03	6886.54	6859.14	650.75	0.81	6889.94	5.42	Manual
14301	90.38	358.47	6782.34	6980.15	6953.1	648.13	0.16	6983.25	5.33	Manual

14396	90.49	358.52	6781.62	7074.77	7048.07	645.64	0.13	7077.58	5.23	Manual
14491	90.43	358.27	6780.85	7169.37	7143.03	642.98	0.27	7171.91	5.14	Manual
14586	90.53	359.4	6780.06	7264.04	7238	641.05	1.19	7266.33	5.06	Manual
14680	90.49	358.76	6779.22	7357.74	7331.99	639.54	0.68	7359.82	4.99	Manual
14775	90.37	359.26	6778.51	7452.43	7426.97	637.9	0.54	7454.31	4.91	Manual
14870	90.29	358.59	6777.96	7547.11	7521.95	636.11	0.71	7548.8	4.83	Manual
14965	90.37	359.07	6777.41	7641.77	7616.93	634.17	0.51	7643.28	4.76	Manual
15059	90.45	358.87	6776.74	7735.46	7710.91	632.48	0.23	7736.81	4.69	Manual
15154	90.23	359.05	6776.18	7830.14	7805.89	630.76	0.3	7831.34	4.62	Manual
15249	90.47	359.06	6775.6	7924.84	7900.88	629.19	0.25	7925.89	4.55	Manual
15343	90.38	358.9	6774.9	8018.53	7994.86	627.52	0.2	8019.45	4.49	Manual
15438	90.36	358.9	6774.29	8113.21	8089.84	625.7	0.02	8114	4.42	Manual
15533	90.38	359.19	6773.67	8207.9	8184.83	624.11	0.31	8208.59	4.36	Manual
15628	90.5	359.23	6772.94	8302.62	8279.81	622.8	0.13	8303.2	4.3	Manual
15722	90.45	359.05	6772.16	8396.33	8373.8	621.39	0.2	8396.82	4.24	Manual
15817	90.43	359.05	6771.43	8491.02	8468.78	619.82	0.02	8491.44	4.19	Manual
15912	90.39	359.76	6770.75	8585.76	8563.78	618.83	0.75	8586.11	4.13	Manual
16007	90.38	0.19	6770.12	8680.57	8658.77	618.79	0.45	8680.86	4.09	Manual
16101	90.15	359.81	6769.68	8774.38	8752.77	618.79	0.47	8774.62	4.04	Manual
16196	90.42	0.24	6769.21	8869.19	8847.77	618.83	0.53	8869.39	4	Manual
16291	90.32	359.68	6768.6	8963.99	8942.77	618.76	0.6	8964.15	3.96	Manual
16386	90.42	0.14	6767.98	9058.79	9037.77	618.62	0.5	9058.91	3.92	Manual
16481	90.15	0.12	6767.51	9153.62	9132.76	618.83	0.28	9153.71	3.88	Manual
16575	90.27	0.31	6767.16	9247.45	9226.76	619.18	0.24	9247.52	3.84	Manual
16670	90.18	359.76	6766.79	9342.26	9321.76	619.24	0.59	9342.31	3.8	Manual
16765	90.21	359.95	6766.47	9437.06	9416.76	619	0.2	9437.08	3.76	Manual
16860	90.18	359.99	6766.15	9531.86	9511.76	618.95	0.05	9531.88	3.72	Manual
16955	90.17	359.62	6765.86	9626.65	9606.76	618.63	0.39	9626.66	3.68	Manual
17049	90.06	0.12	6765.67	9720.45	9700.76	618.42	0.54	9720.45	3.65	Manual
17131	90.09	359.86	6765.56	9802.28	9782.76	618.4	0.32	9802.28	3.62	Manual
17166	90.09	359.86	6765.5	9837.21	9817.76	618.32	0	9837.21	3.6	Manual

Company: NOBLE ENERGY INC
Well: Guttersen C28-725
Field Name: WATTENBERG
Country Name: United States
State Name: Colorado
County Name: Weld

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