XBOLT GAMMA RAY
2in/100ft Measured Depth
Final Print
Recorded Mode

Schlumberger

Company:	Verdad Resources LLC	Log Measured From:Drill Floor	
Well:	Timbro Fed 1931-08H	Drill Floor Elevation4845.00(ft)	
Field Name:	Wildcat	Ground Level Elevation:4824.00(ft)	
Country Name:	United States	Permanent Datum:Sea Level	
State Name:	Colorado		
County Name:	Weld		
Latitude:	40°43'49.603"N	Log Interval:	1590.00--16943.50(ft)
Longitude:	103°54'26.078"W	Depth Source:	Driller's Depth
Spud Date:	24-Apr-2022		
API Number:	05-123-51206	Northing:	1512910.02(ft)
Rig Name:	PD464	Easting:	3441413.00(ft)
Rig Type:	Land rig	Coordinate System:Plane, Northern Zone, US Feet	NAD83 Colorado State
Job Number:	22CCO0108		
Print Type:	Final Print		

Disclaimer

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Operational Run Summary

Notes

Run 1 (Bit Size: 8.5 in)

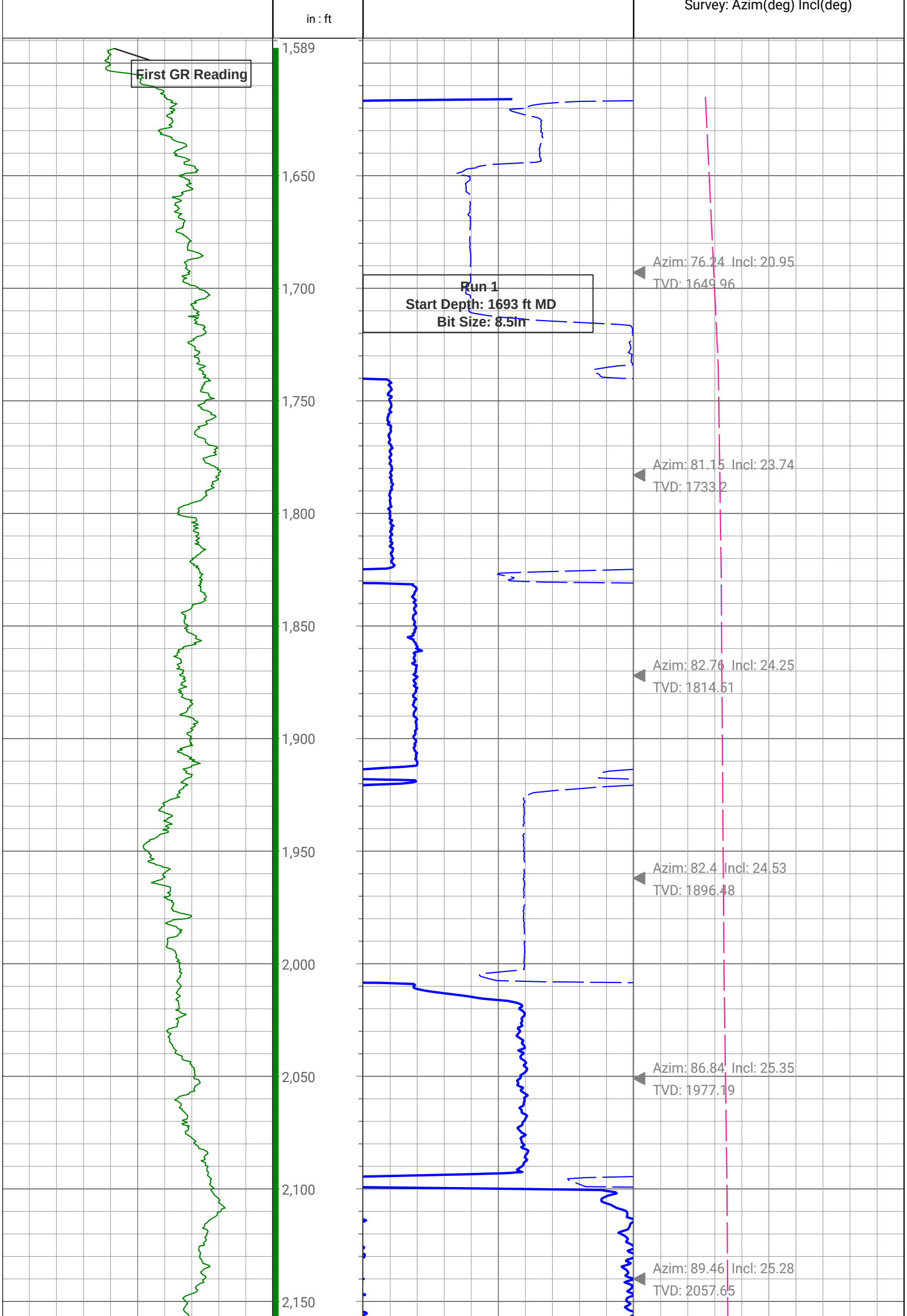
DateTime Log Started	25-Apr-2022 16:32:10	DateTime Log Finished	28-Apr-2022 07:52:50
Start Depth (ft)	1693	Stop Depth (ft)	16942
Mud Type	Oil Based Mud	Mud Density (lbm/gal)	9.8
Potassium (%)	0	Barite	Yes
GR Sensor Offset (ft)	22.63	Calibration Coefficient	0
DNI Sensor Offset (ft)	38.49		

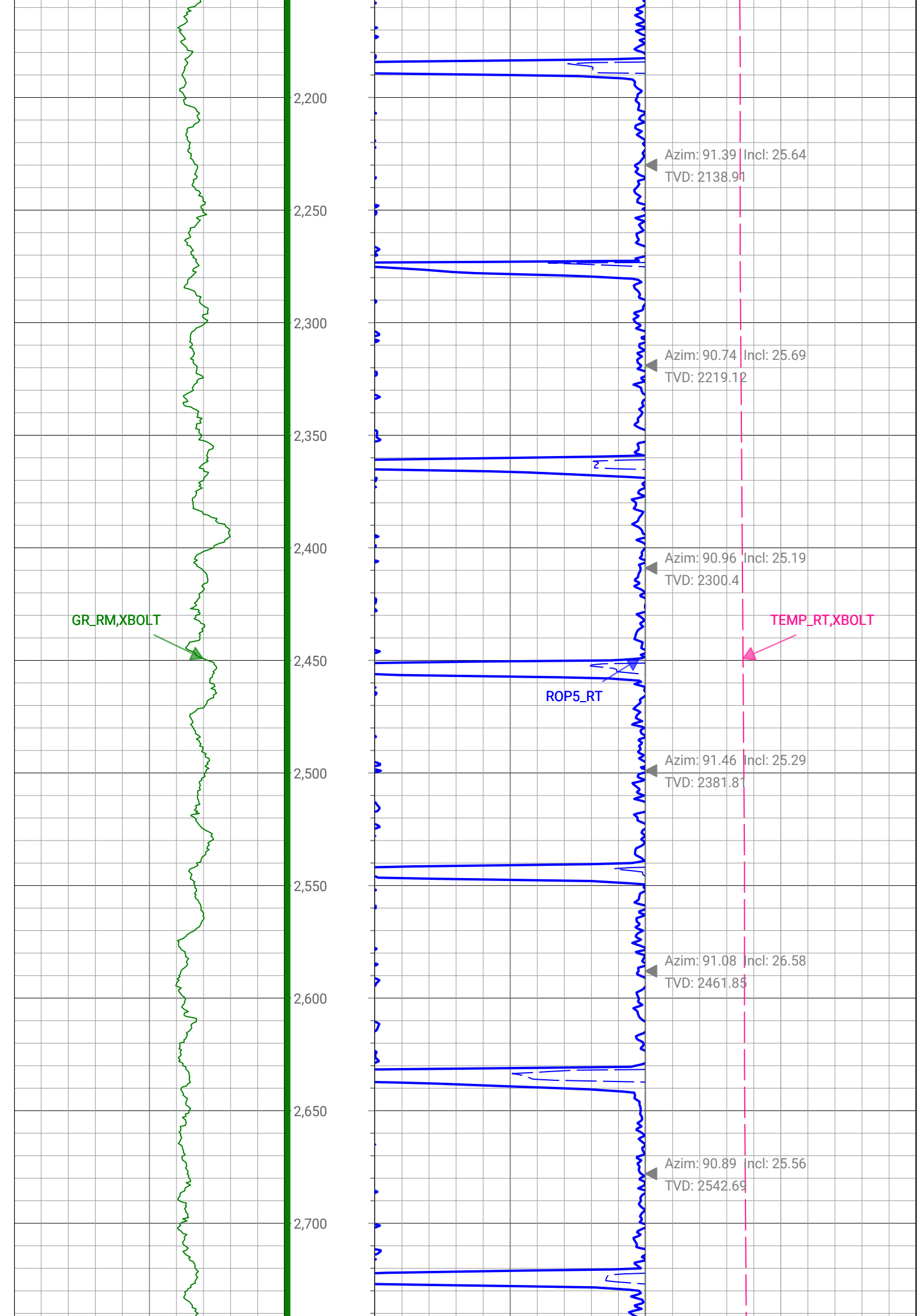
Log

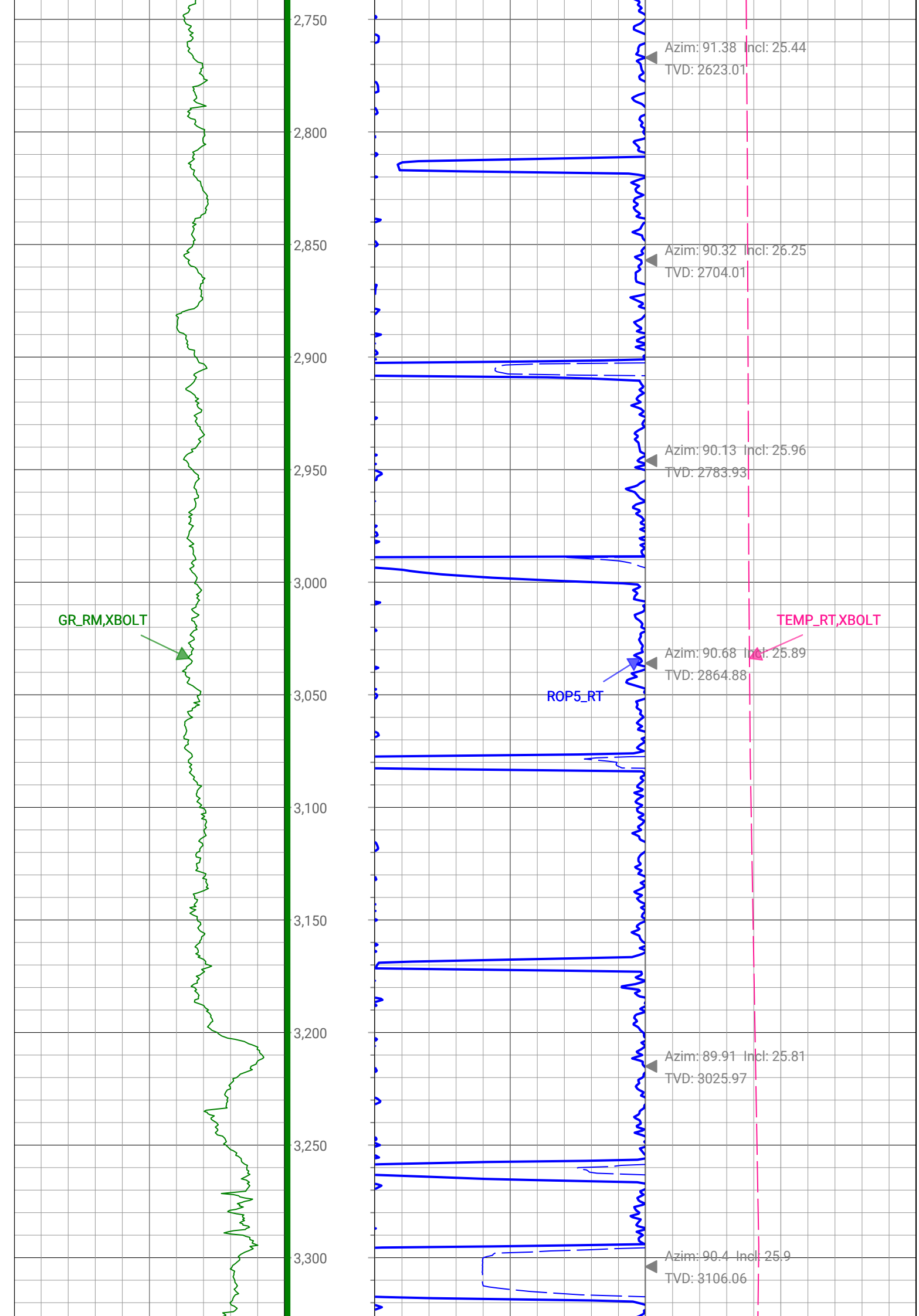
Description: XBOLT GAMMA RAY Format: XBOLT_GR_DNI_VERDAD Index Scale: 2in/100ft Index Unit: ft Index Type: Measured Depth

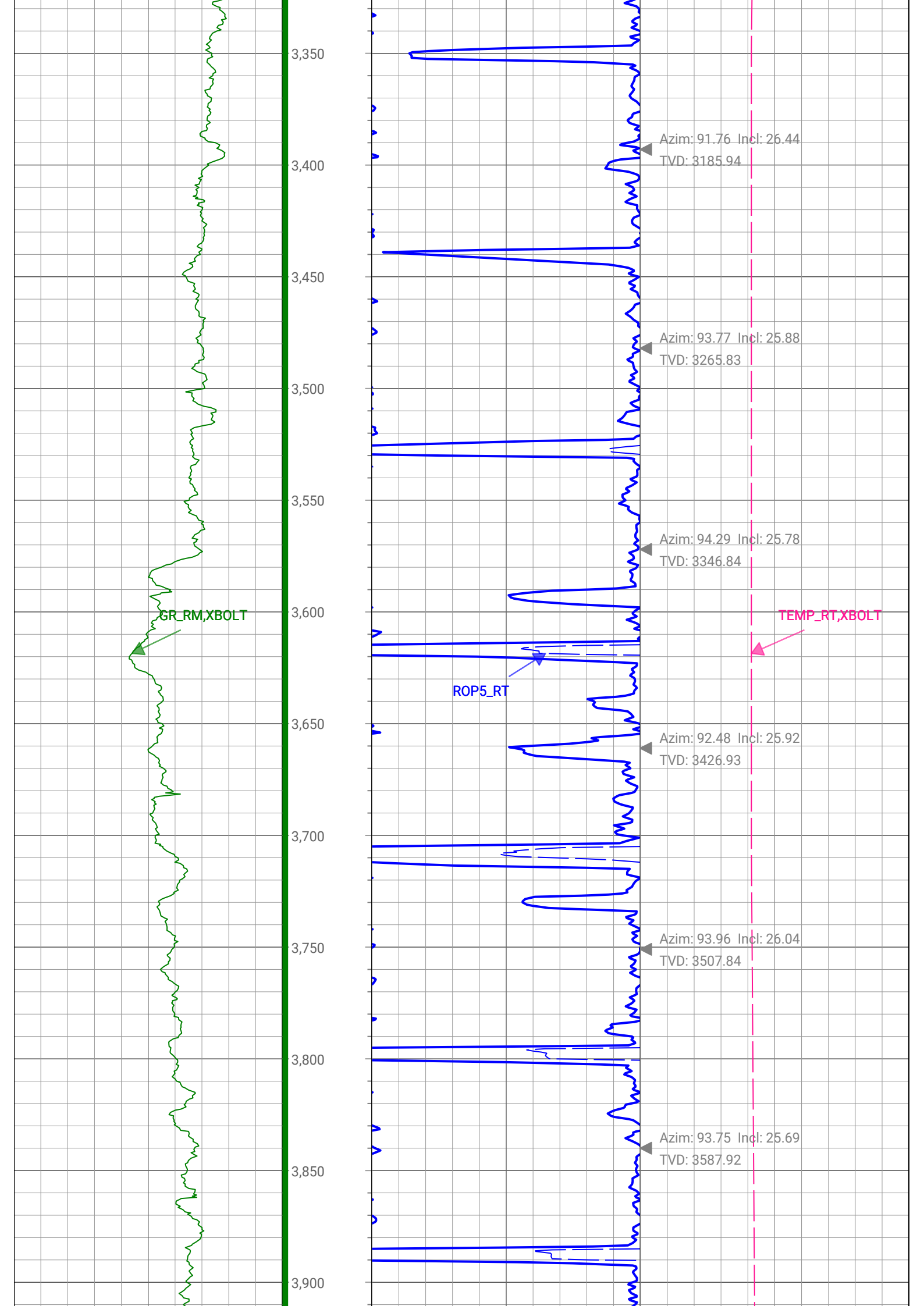
Creation Date: 28-Apr-2022

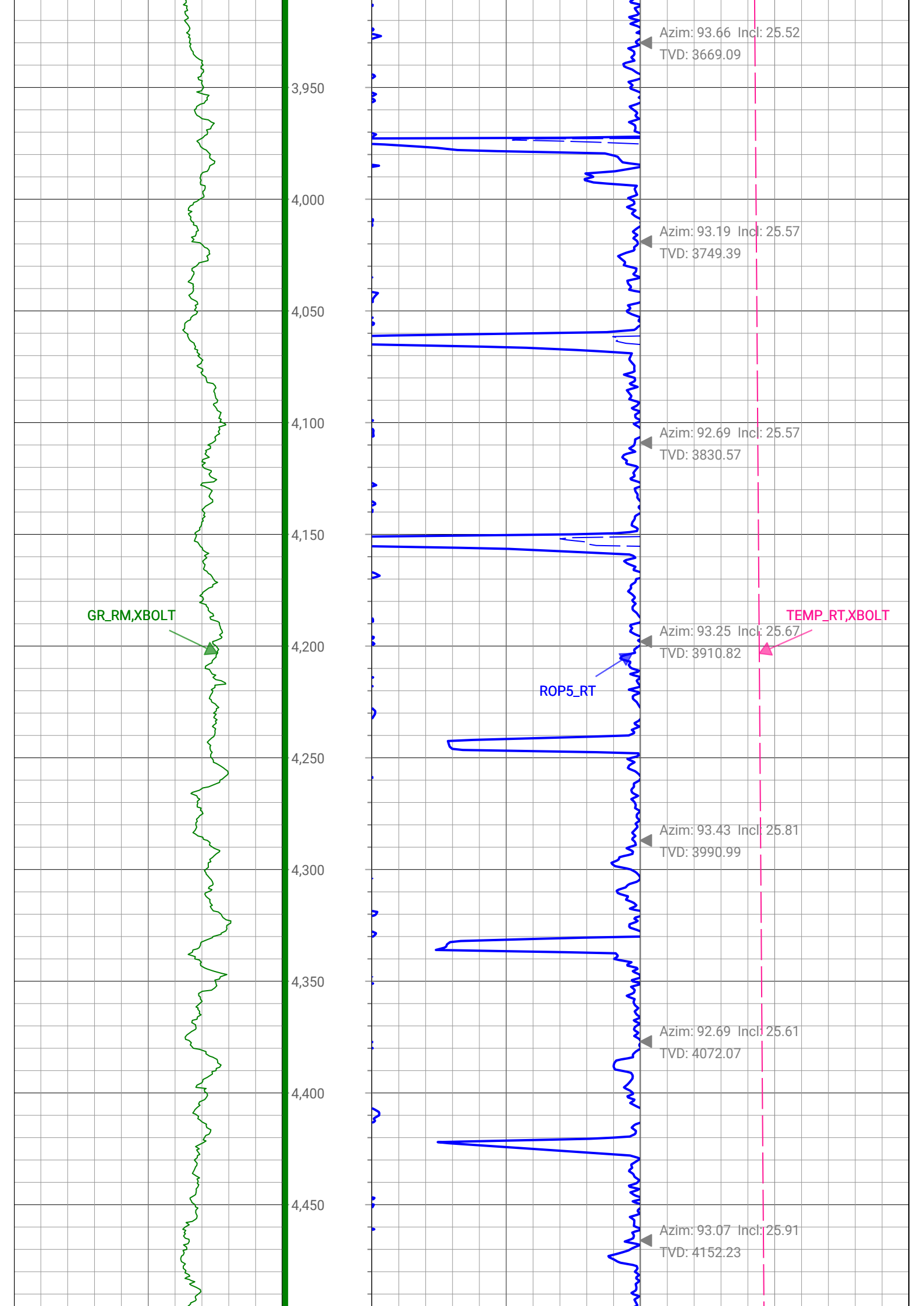
GR_RM,XBOLT			Depth	ROP5_RT			TEMP_RT,XBOLT		
0	gAPI, Borehole	150	1 : 50	0	ft/h, Borehole	500	0	degF, Borehole	300

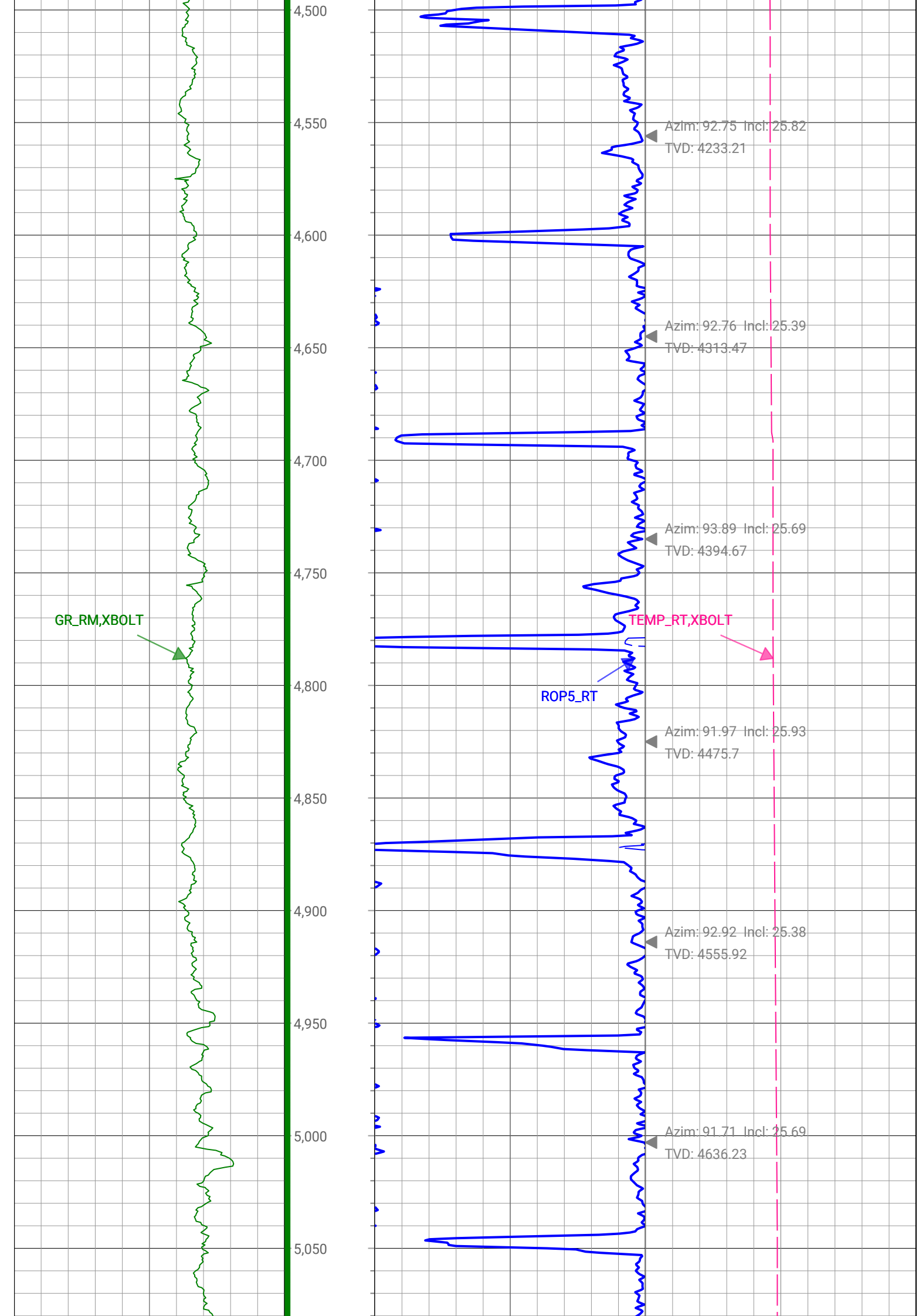

in : ft
Survey: Azim(deg) Incl(deg)
First GR Reading
1,589
1,650
1,700
1,750
1,800
1,850
1,900
1,950
2,000
2,050
2,100
2,150
Run 1
Start Depth: 1693 ft MD
Bit Size: 8.5in
Azim: 76.24 Incl: 20.95
TVD: 1649.96
Azim: 81.15 Incl: 23.74
TVD: 1733.2
Azim: 82.76 Incl: 24.25
TVD: 1814.61
Azim: 82.4 Incl: 24.53
TVD: 1896.48
Azim: 86.84 Incl: 25.35
TVD: 1977.19
Azim: 89.46 Incl: 25.28
TVD: 2057.65

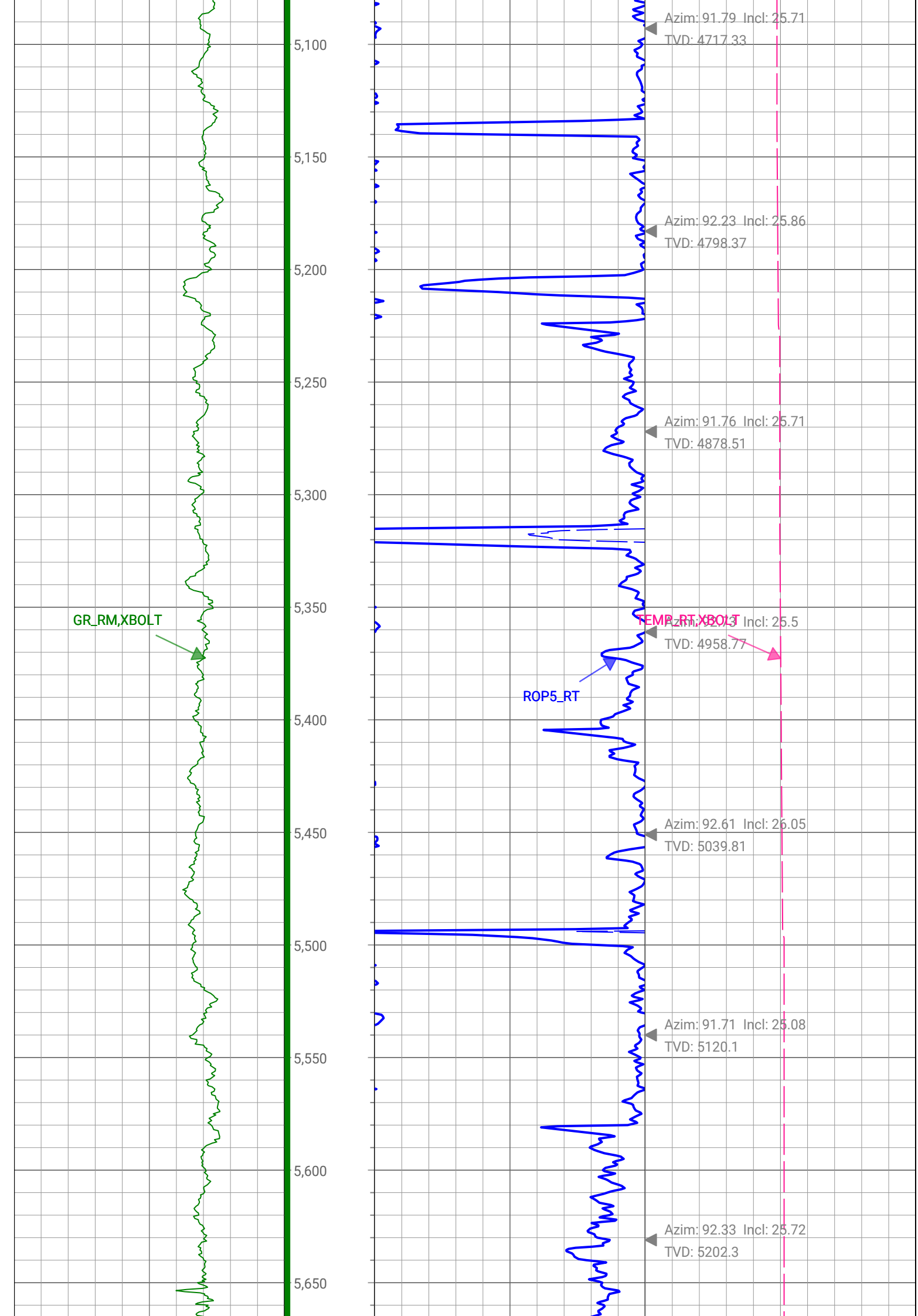

2,200
2,250
2,300
2,350
2,400
2,450
2,500
2,550
2,600
2,650
2,700
Azim: 91.39 Incl: 25.64
TVD: 2138.91
Azim: 90.74 Incl: 25.69
TVD: 2219.12
Azim: 90.96 Incl: 25.19
TVD: 2300.4
Azim: 91.46 Incl: 25.29
TVD: 2381.81
Azim: 91.08 Incl: 26.58
TVD: 2461.85
Azim: 90.89 Incl: 25.56
TVD: 2542.69
GR_RM,XBOLT
TEMP_RT,XBOLT
ROP5_RT

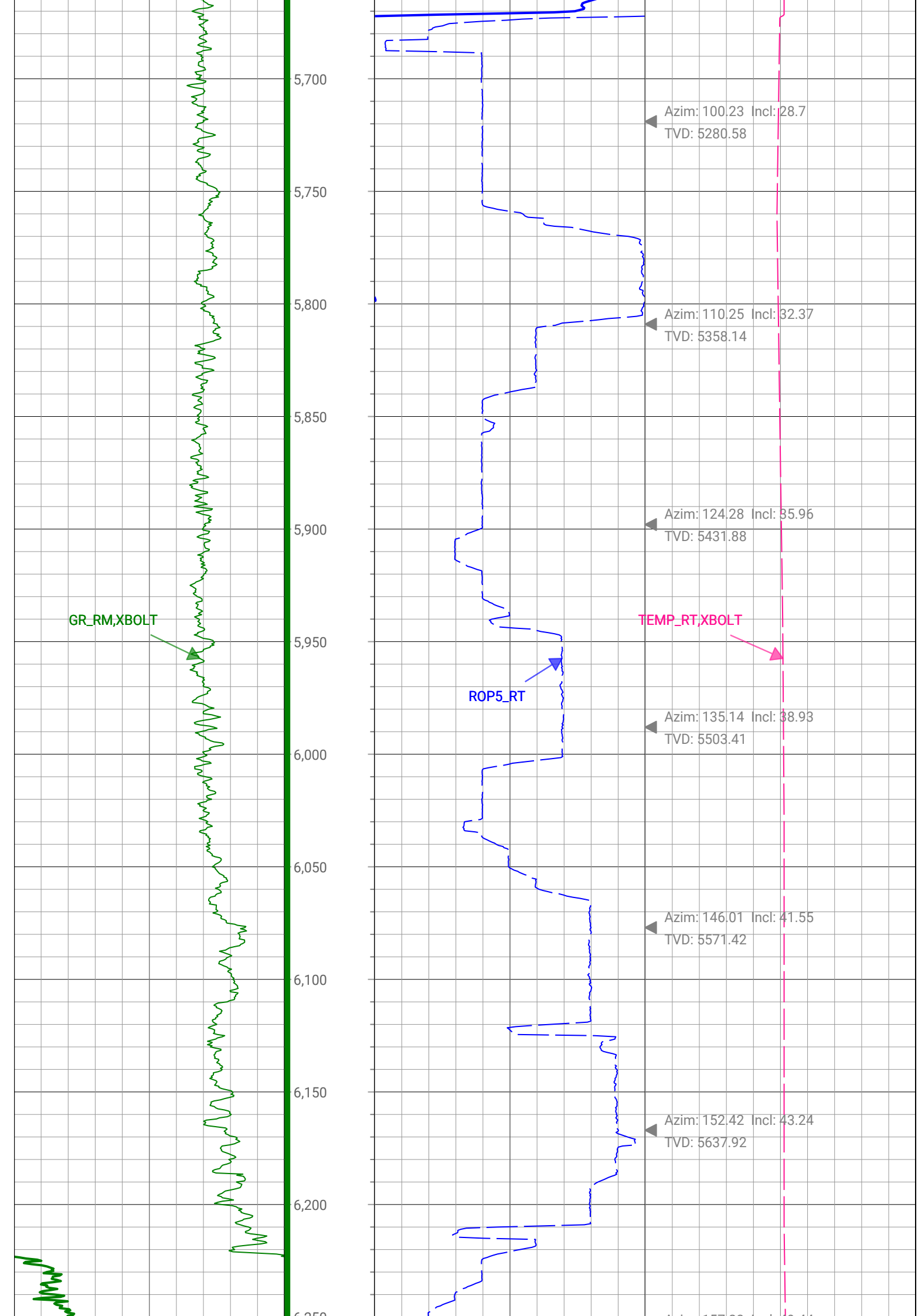

2,750
2,800
2,850
2,900
2,950
3,000
3,050
3,100
3,150
3,200
3,250
3,300
Azim: 91.38 Incl: 25.44
TVD: 2623.01
Azim: 90.32 Incl: 26.25
TVD: 2704.01
Azim: 90.13 Incl: 25.96
TVD: 2783.93
Azim: 90.68 Incl: 25.89
TVD: 2864.88
Azim: 89.91 Incl: 25.81
TVD: 3025.97
Azim: 90.4 Incl: 25.9
TVD: 3106.06
GR_RM,XBOLT
TEMP_RT,XBOLT
ROP5_RT

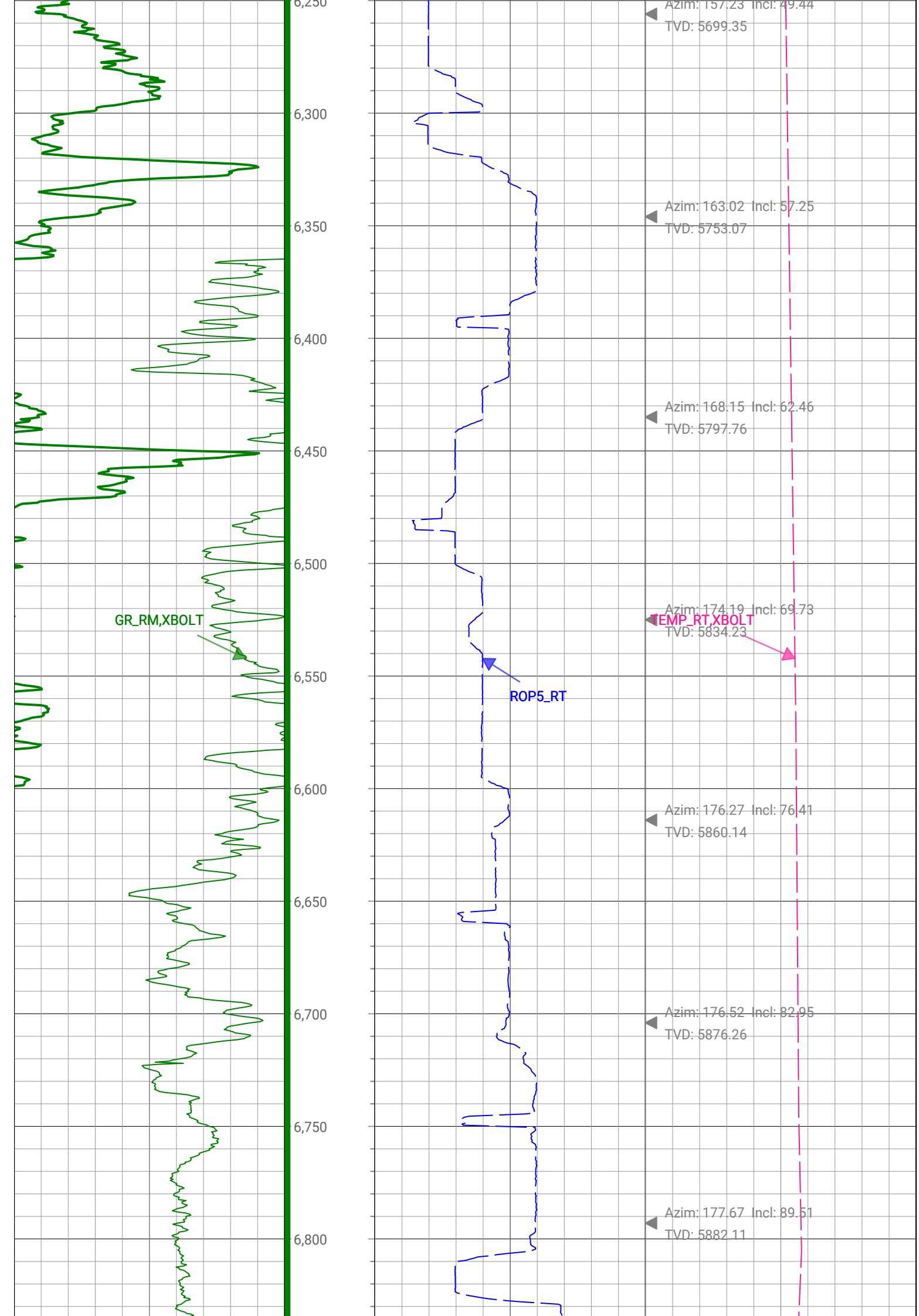

3,350
3,400
3,450
3,500
3,550
3,600
3,650
3,700
3,750
3,800
3,850
3,900
Azim: 91.76 Incl: 26.44
TVD: 3185.94
Azim: 93.77 Incl: 25.88
TVD: 3265.83
Azim: 94.29 Incl: 25.78
TVD: 3346.84
Azim: 92.48 Incl: 25.92
TVD: 3426.93
Azim: 93.96 Incl: 26.04
TVD: 3507.84
Azim: 93.75 Incl: 25.69
TVD: 3587.92
GR_RM,XBOLT
TEMP_RT,XBOLT
ROP5_RT

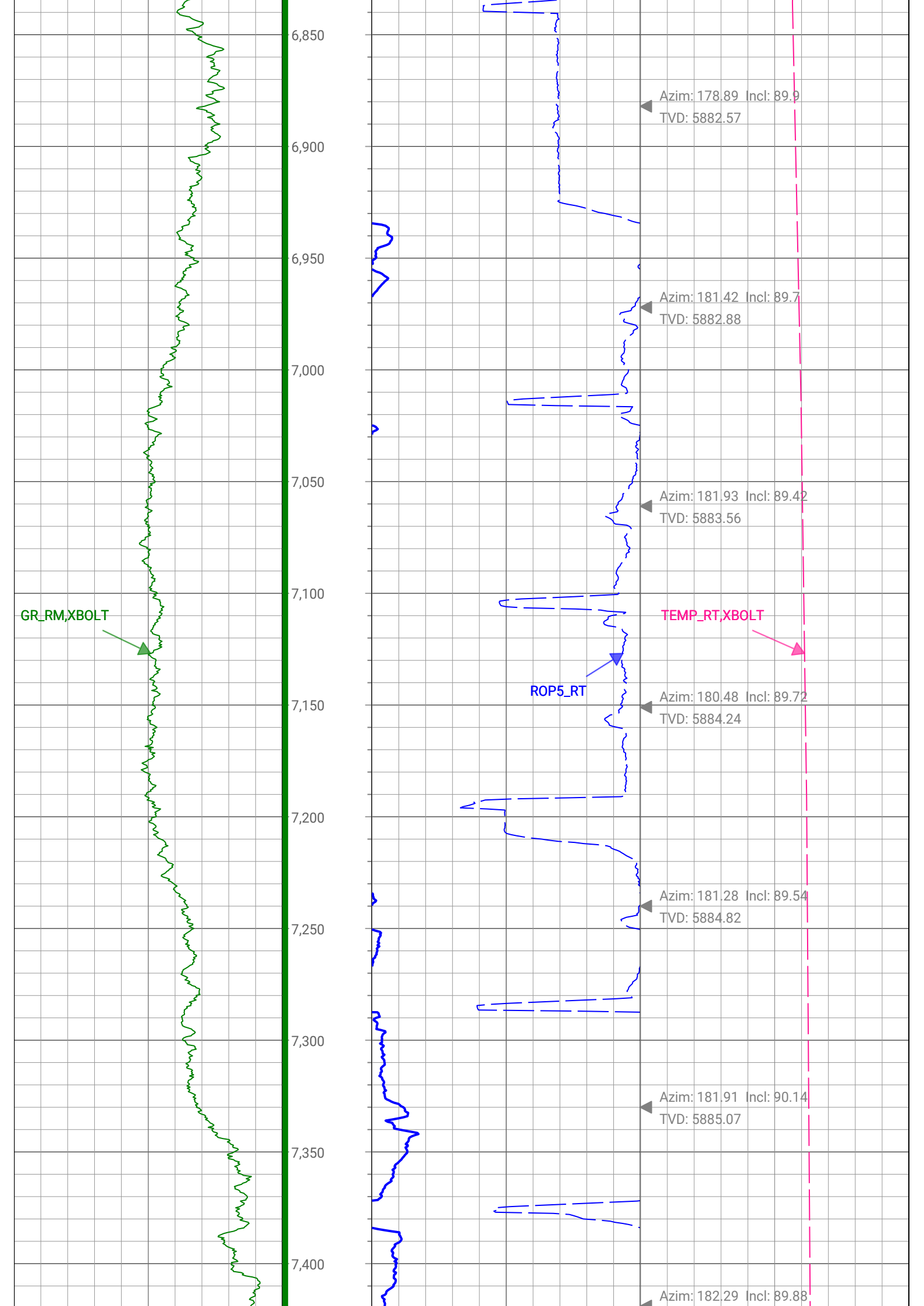

Azim: 93.66 Incl: 25.52
TVD: 3669.09
Azim: 93.19 Incl: 25.57
TVD: 3749.39
Azim: 92.69 Incl: 25.57
TVD: 3830.57
Azim: 93.25 Incl: 25.67
TVD: 3910.82
Azim: 93.43 Incl: 25.81
TVD: 3990.99
Azim: 92.69 Incl: 25.61
TVD: 4072.07
Azim: 93.07 Incl: 25.91
TVD: 4152.23
3,950
4,000
4,050
4,100
4,150
4,200
4,250
4,300
4,350
4,400
4,450
GR_RM,XBOLT
TEMP_RT,XBOLT
ROP5_RT

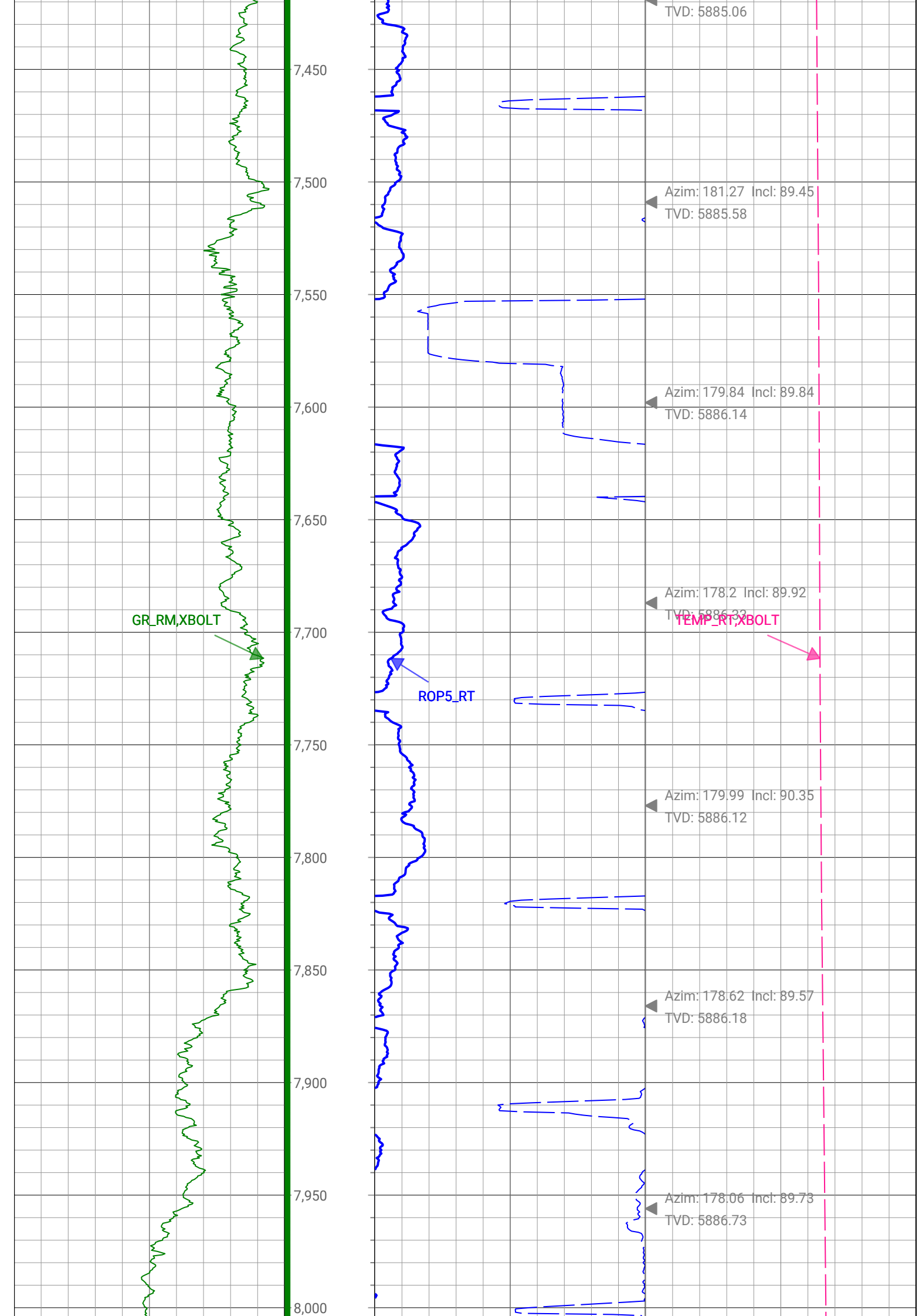

4,500
4,550
4,600
4,650
4,700
4,750
4,800
4,850
4,900
4,950
5,000
5,050
Azim: 92.75 Incl: 25.82
TVD: 4233.21
Azim: 92.76 Incl: 25.39
TVD: 4313.47
Azim: 93.89 Incl: 25.69
TVD: 4394.67
GR_RM,XBOLT
TEMP_RT,XBOLT
ROP5_RT
Azim: 91.97 Incl: 25.93
TVD: 4475.7
Azim: 92.92 Incl: 25.38
TVD: 4555.92
Azim: 91.71 Incl: 25.69
TVD: 4636.23

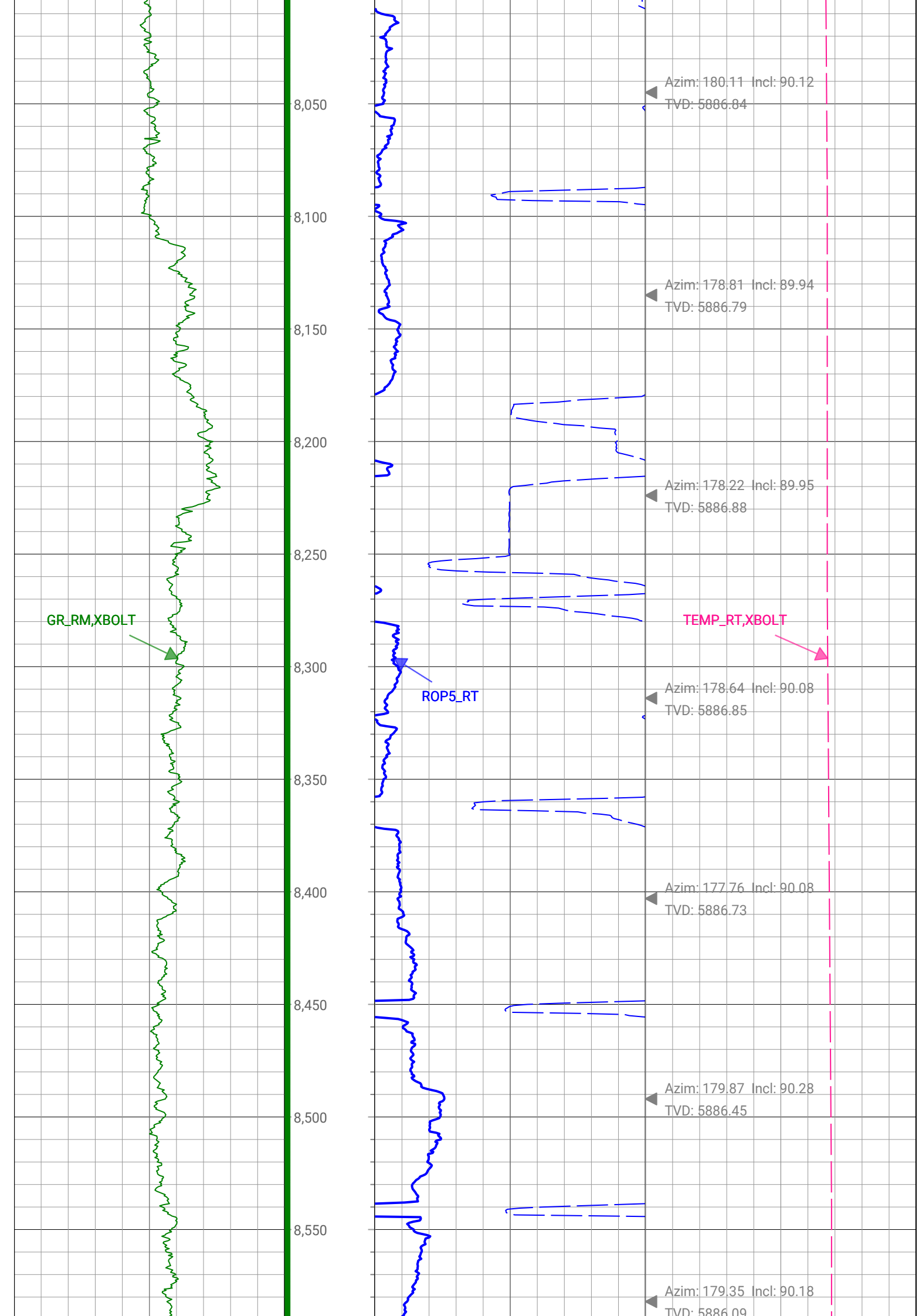

Azim: 91.79 Incl: 25.71
TVD: 4717.33
Azim: 92.23 Incl: 25.86
TVD: 4798.37
Azim: 91.76 Incl: 25.71
TVD: 4878.51
Azim: 92.13 Incl: 25.5
TVD: 4958.77
Azim: 92.61 Incl: 26.05
TVD: 5039.81
Azim: 91.71 Incl: 25.08
TVD: 5120.1
Azim: 92.33 Incl: 25.72
TVD: 5202.3
5,100
5,150
5,200
5,250
5,300
5,350
5,400
5,450
5,500
5,550
5,600
5,650
GR_RM,XBOLT
ROP5_RT
TEMP_RT,XBOLT

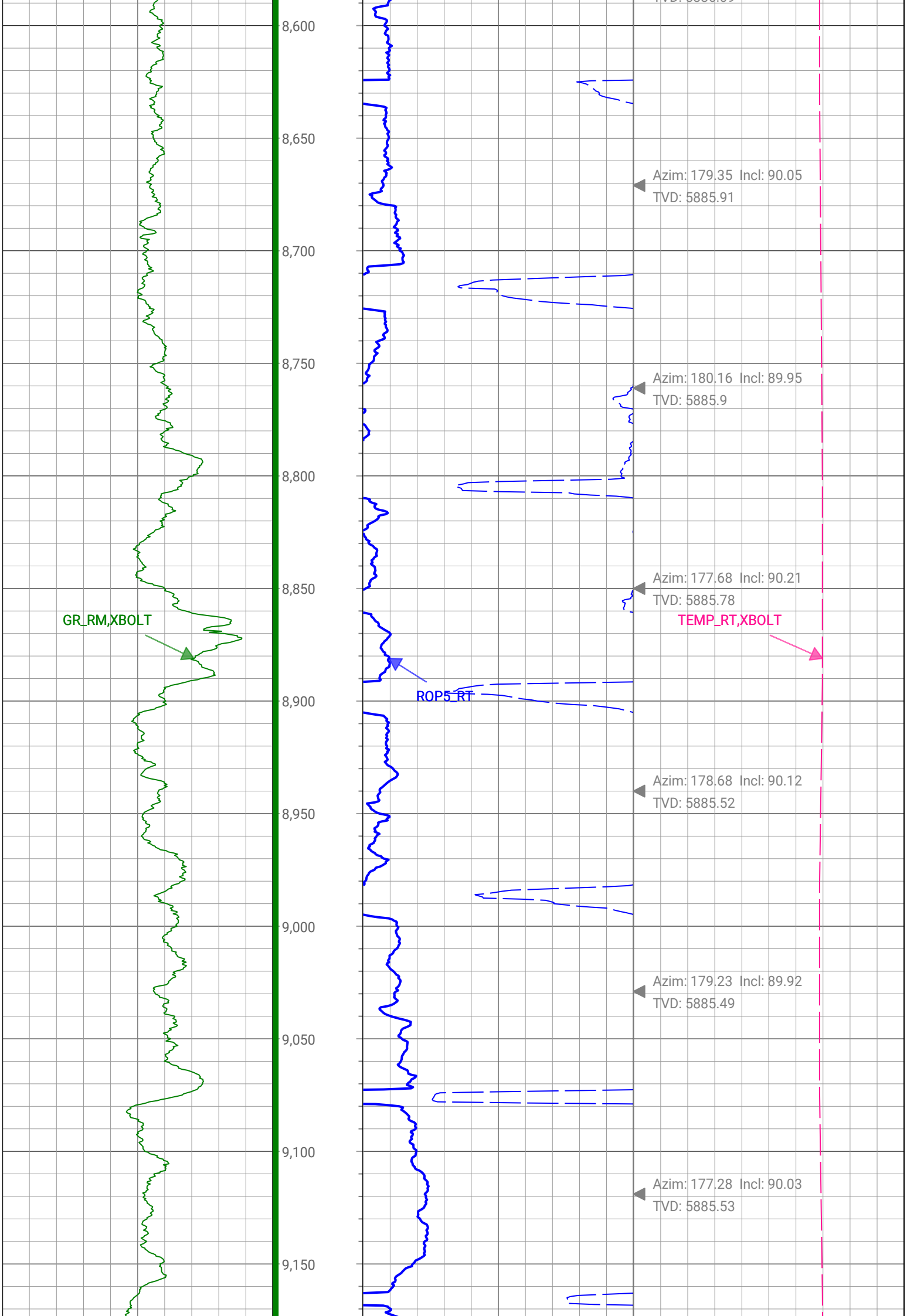

5,700
5,750
5,800
5,850
5,900
5,950
6,000
6,050
6,100
6,150
6,200
GR_RM,XBOLT
ROP5_RT
TEMP_RT,XBOLT
Azim: 100.23 Incl: 28.7
TVD: 5280.58
Azim: 110.25 Incl: 32.37
TVD: 5358.14
Azim: 124.28 Incl: 35.96
TVD: 5431.88
Azim: 135.14 Incl: 38.93
TVD: 5503.41
Azim: 146.01 Incl: 41.55
TVD: 5571.42
Azim: 152.42 Incl: 43.24
TVD: 5637.92

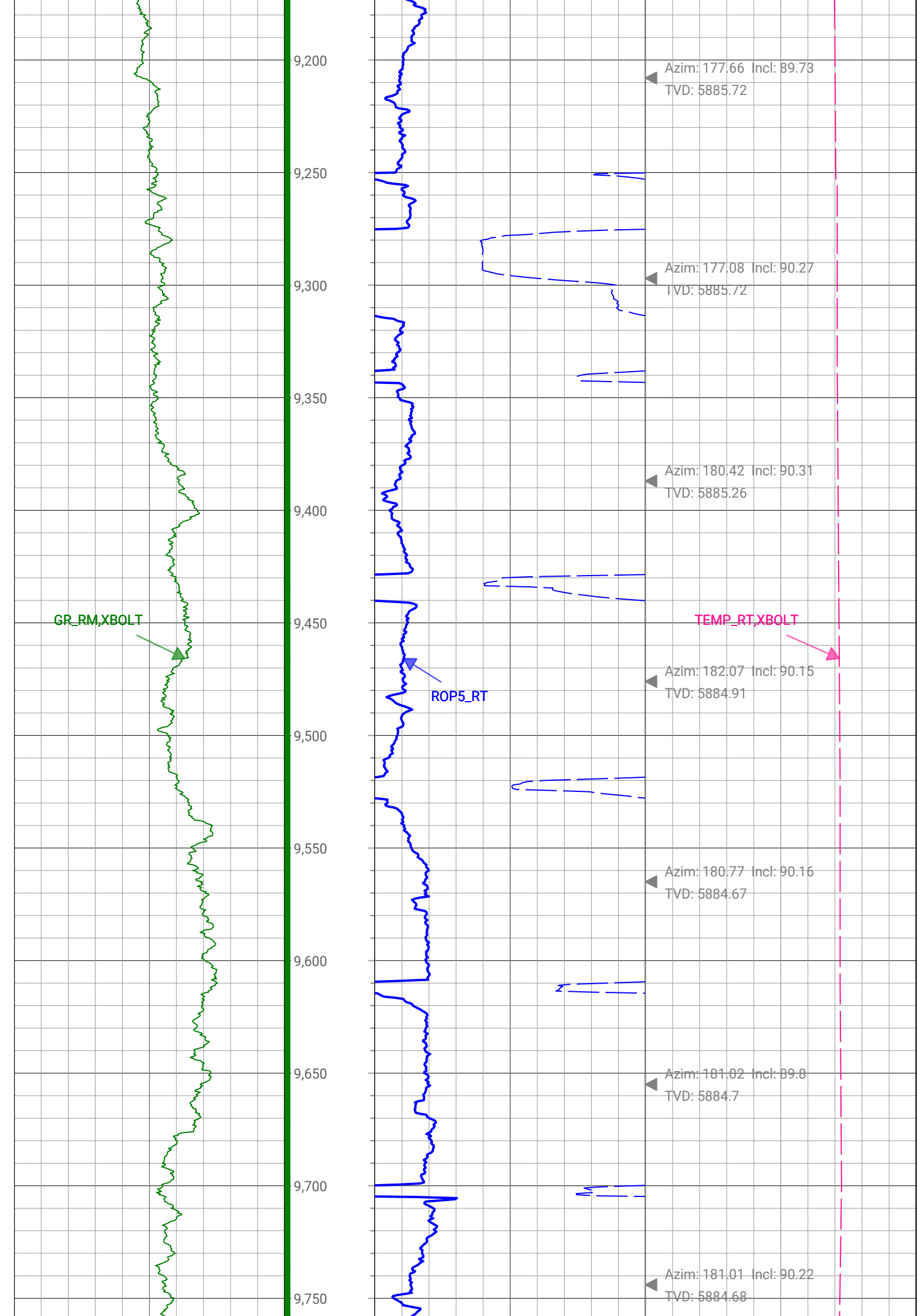

6,250
6,300
6,350
6,400
6,450
6,500
6,550
6,600
6,650
6,700
6,750
6,800
GR_RM,XBOLT
ROP5_RT
TEMP_RT,XBOLT
Azim: 157.23 Incl: 49.44
TVD: 5699.35
Azim: 163.02 Incl: 57.25
TVD: 5753.07
Azim: 168.15 Incl: 62.46
TVD: 5797.76
Azim: 174.19 Incl: 69.73
TVD: 5834.23
Azim: 176.27 Incl: 76.41
TVD: 5860.14
Azim: 176.52 Incl: 82.95
TVD: 5876.26
Azim: 177.67 Incl: 89.51
TVD: 5882.11

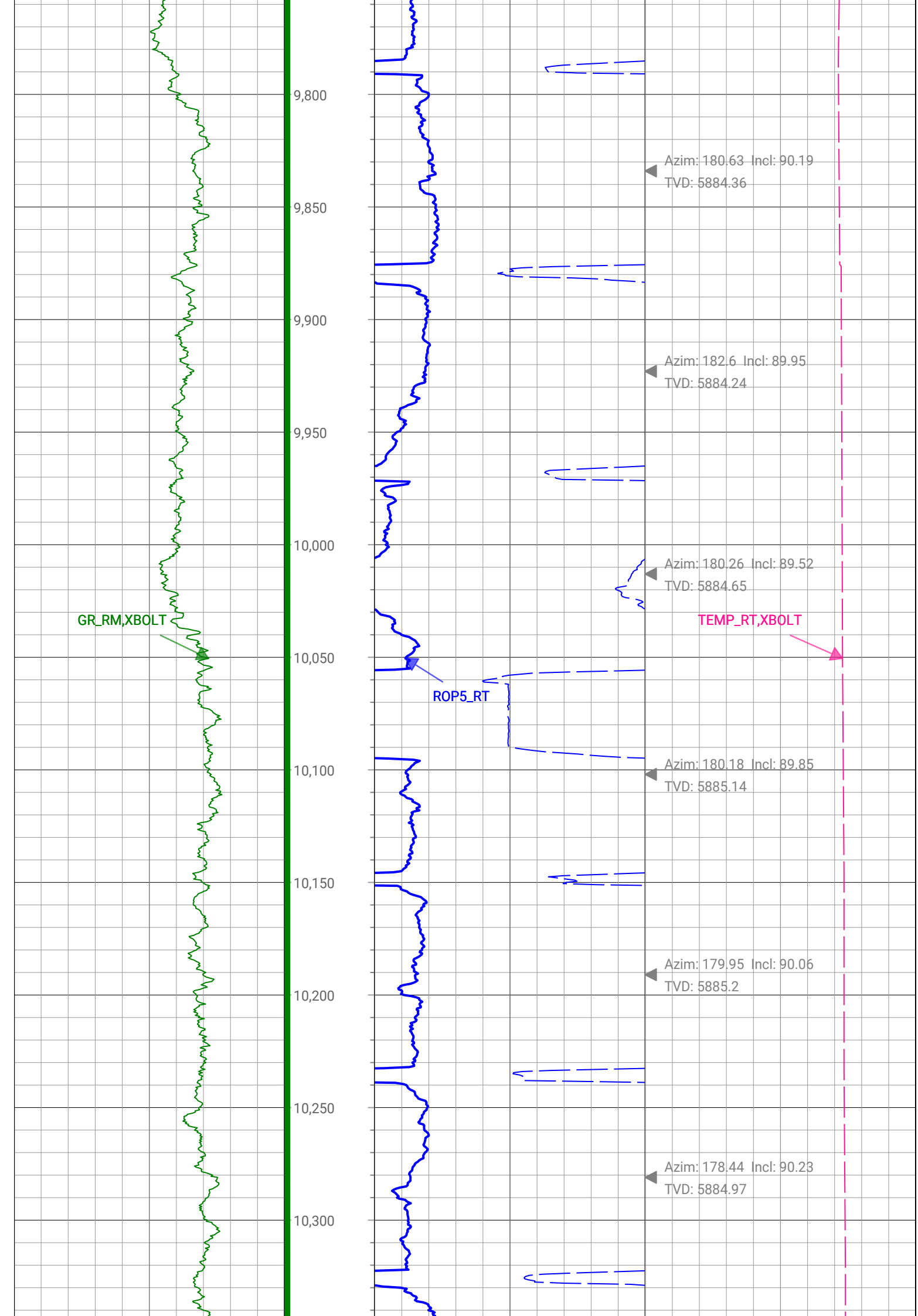

6,850
6,900
6,950
7,000
7,050
7,100
7,150
7,200
7,250
7,300
7,350
7,400
GR_RM,XBOLT
TEMP_RT,XBOLT
ROP5_RT
Azim: 178.89 Incl: 89.9
TVD: 5882.57
Azim: 181.42 Incl: 89.7
TVD: 5882.88
Azim: 181.93 Incl: 89.42
TVD: 5883.56
Azim: 180.48 Incl: 89.72
TVD: 5884.24
Azim: 181.28 Incl: 89.54
TVD: 5884.82
Azim: 181.91 Incl: 90.14
TVD: 5885.07
Azim: 182.29 Incl: 89.88

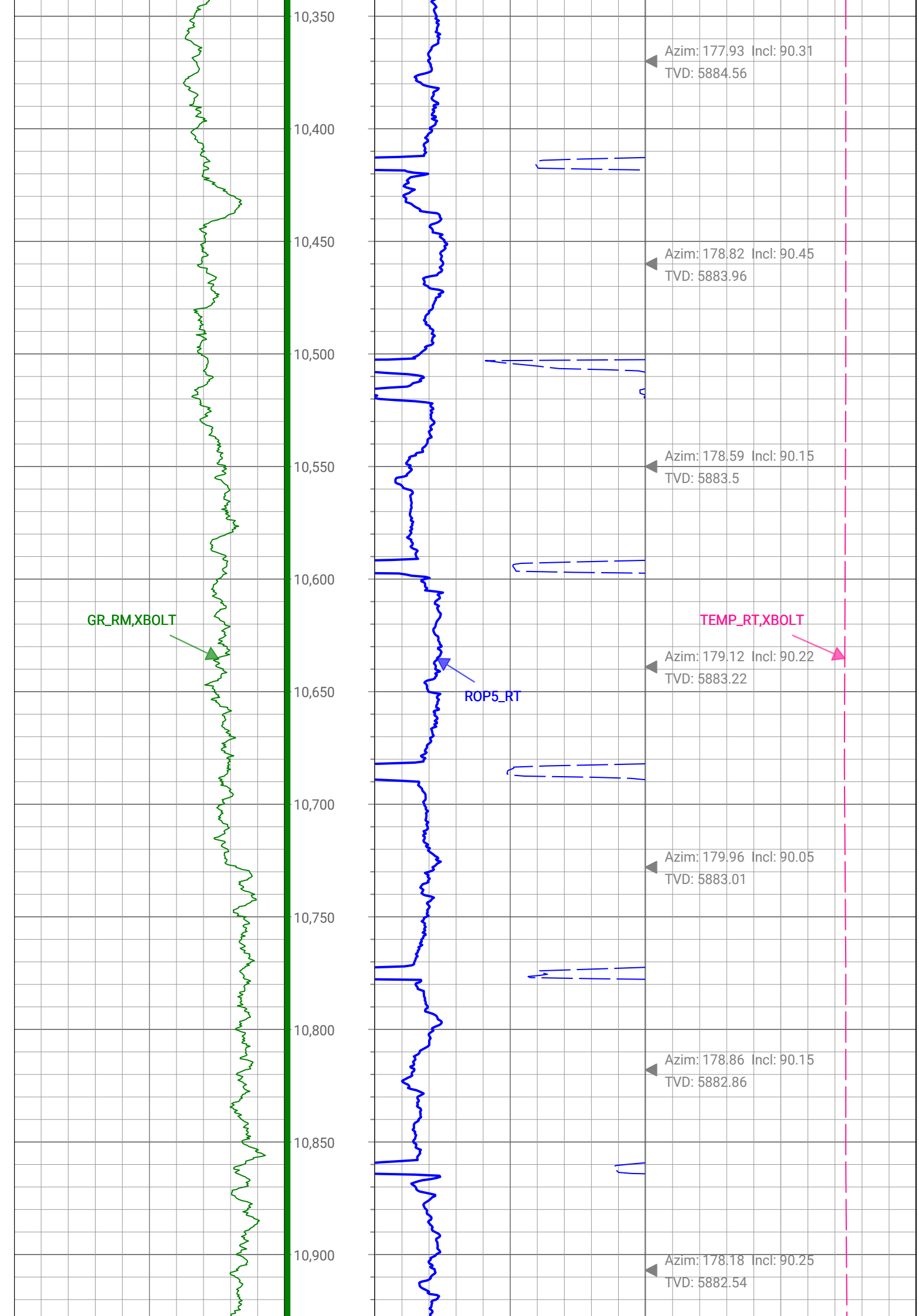

TVD: 5885.06
Azim: 181.27 Incl: 89.45
TVD: 5885.58
Azim: 179.84 Incl: 89.84
TVD: 5886.14
Azim: 178.2 Incl: 89.92
TVD: 5886.32
Azim: 179.99 Incl: 90.35
TVD: 5886.12
Azim: 178.62 Incl: 89.57
TVD: 5886.18
Azim: 178.06 Incl: 89.73
TVD: 5886.73
7,450
7,500
7,550
7,600
7,650
7,700
7,750
7,800
7,850
7,900
7,950
8,000
GR_RM,XBOLT
ROP5_RT
TEMP_RT,XBOLT

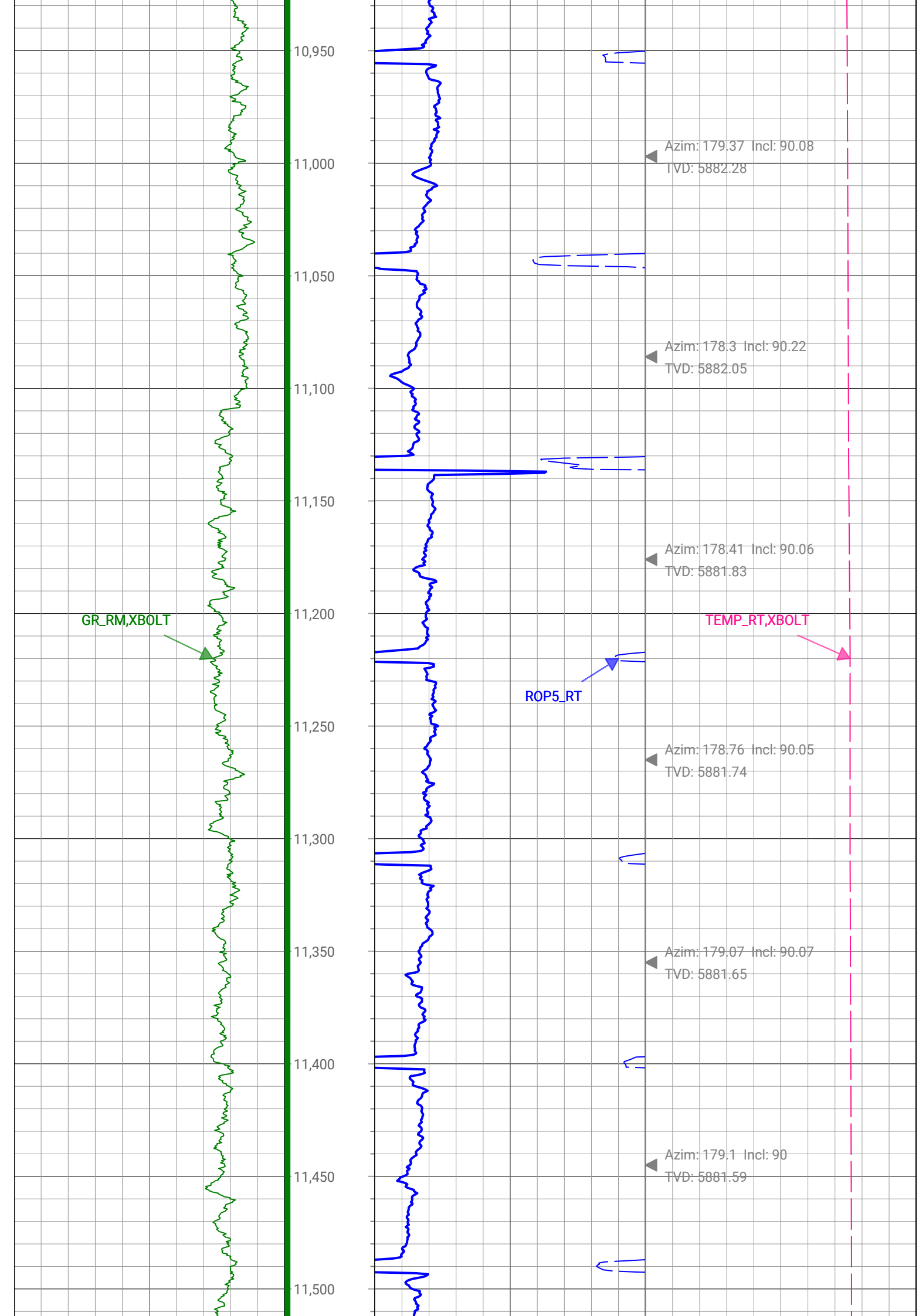

8,050
8,100
8,150
8,200
8,250
8,300
8,350
8,400
8,450
8,500
8,550
GR_RM,XBOLT
ROP5_RT
TEMP_RT,XBOLT
Azim: 180.11 Incl: 90.12
TVD: 5886.84
Azim: 178.81 Incl: 89.94
TVD: 5886.79
Azim: 178.22 Incl: 89.95
TVD: 5886.88
Azim: 178.64 Incl: 90.08
TVD: 5886.85
Azim: 177.76 Incl: 90.08
TVD: 5886.73
Azim: 179.87 Incl: 90.28
TVD: 5886.45
Azim: 179.35 Incl: 90.18

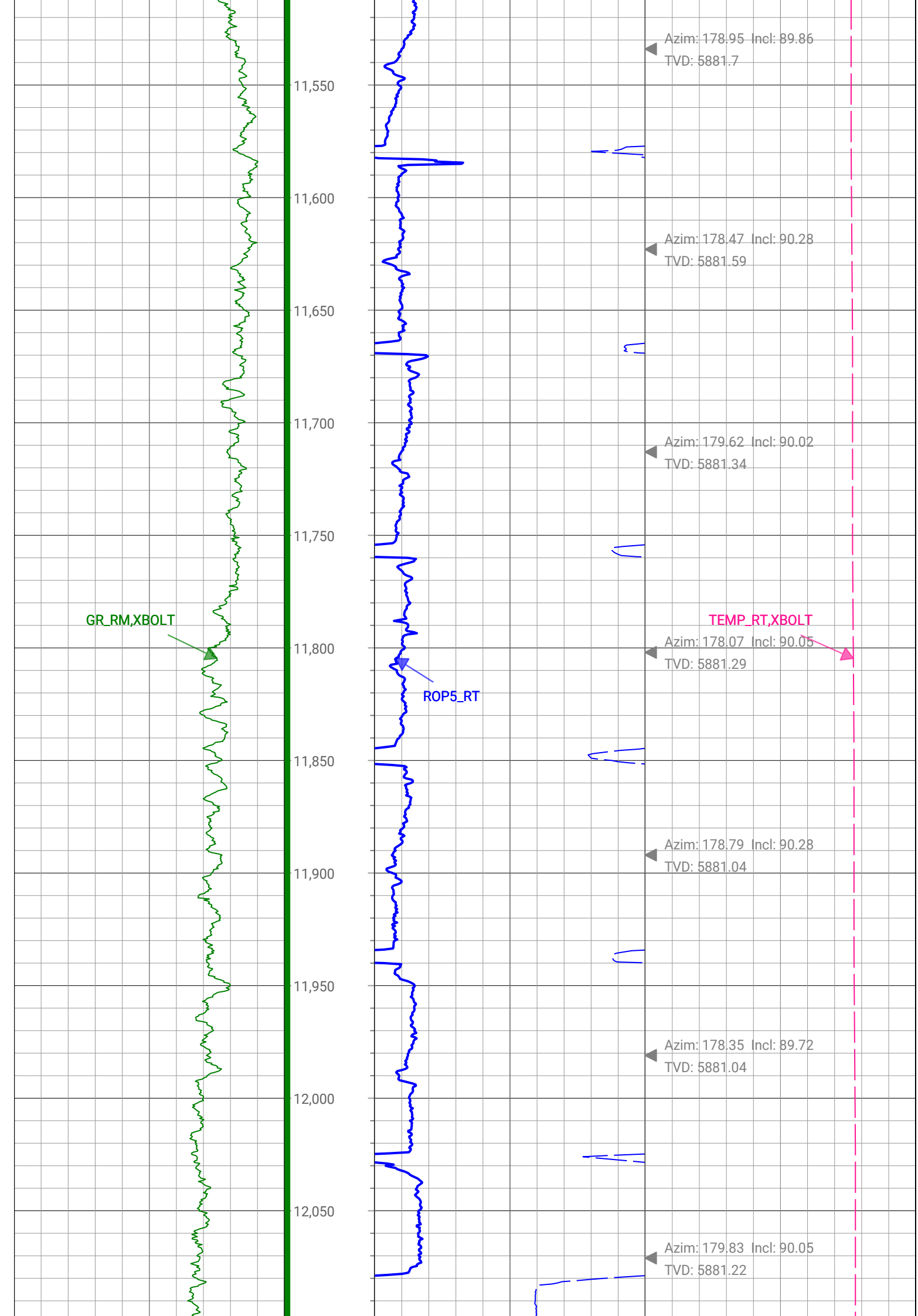

8,600
8,650
8,700
8,750
8,800
8,850
8,900
8,950
9,000
9,050
9,100
9,150
GR_RM,XBOLT
ROP5_RT
TEMP_RT,XBOLT
Azim: 179.35 Incl: 90.05
TVD: 5885.91
Azim: 180.16 Incl: 89.95
TVD: 5885.9
Azim: 177.68 Incl: 90.21
TVD: 5885.78
Azim: 178.68 Incl: 90.12
TVD: 5885.52
Azim: 179.23 Incl: 89.92
TVD: 5885.49
Azim: 177.28 Incl: 90.03
TVD: 5885.53

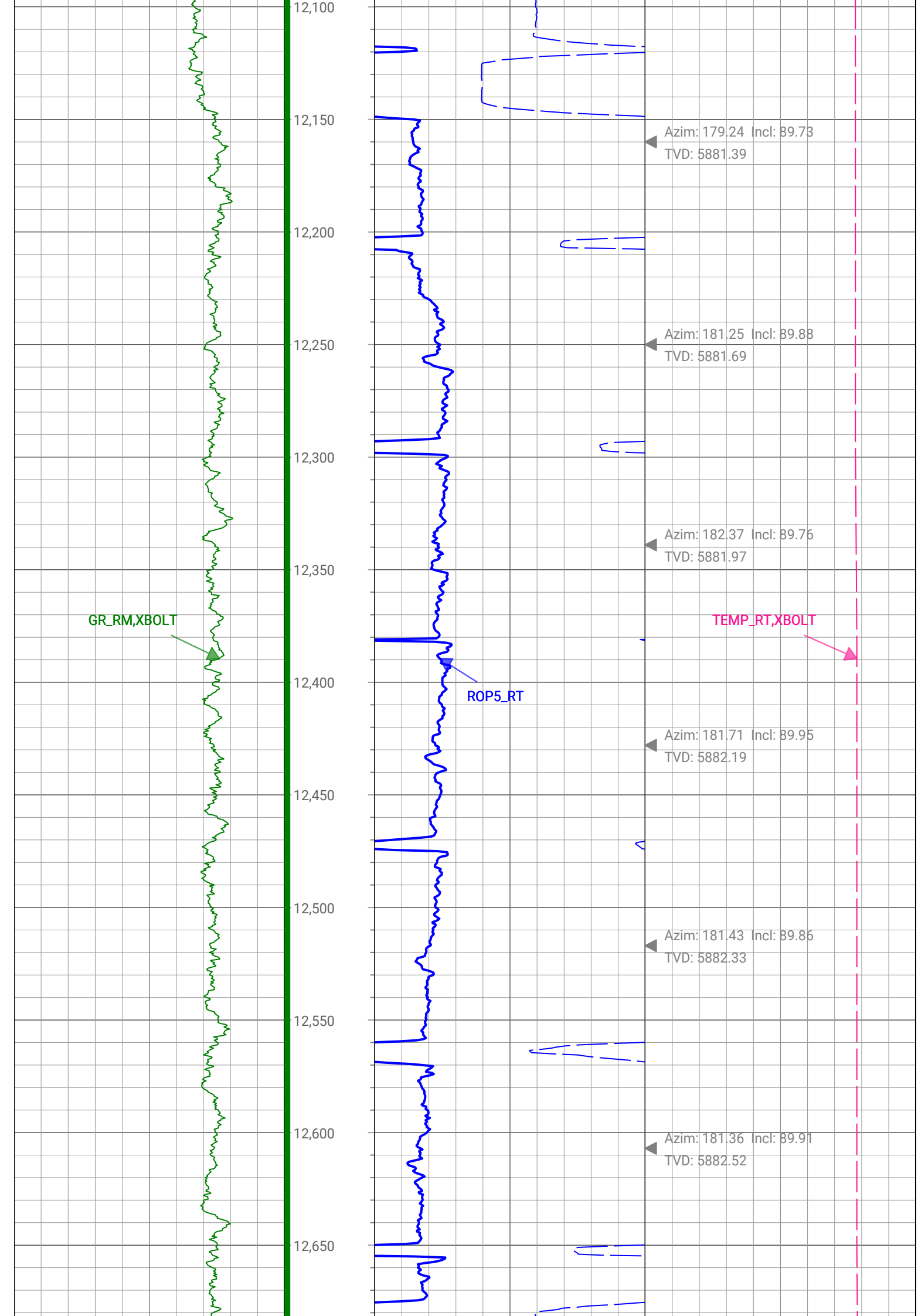

9,200
9,250
9,300
9,350
9,400
9,450
9,500
9,550
9,600
9,650
9,700
9,750
GR_RM,XBOLT
ROP5_RT
TEMP_RT,XBOLT
Azim: 177.66 Incl: 89.73
TVD: 5885.72
Azim: 177.08 Incl: 90.27
TVD: 5885.72
Azim: 180.42 Incl: 90.31
TVD: 5885.26
Azim: 182.07 Incl: 90.15
TVD: 5884.91
Azim: 180.77 Incl: 90.16
TVD: 5884.67
Azim: 181.02 Incl: 89.8
TVD: 5884.7
Azim: 181.01 Incl: 90.22
TVD: 5884.68

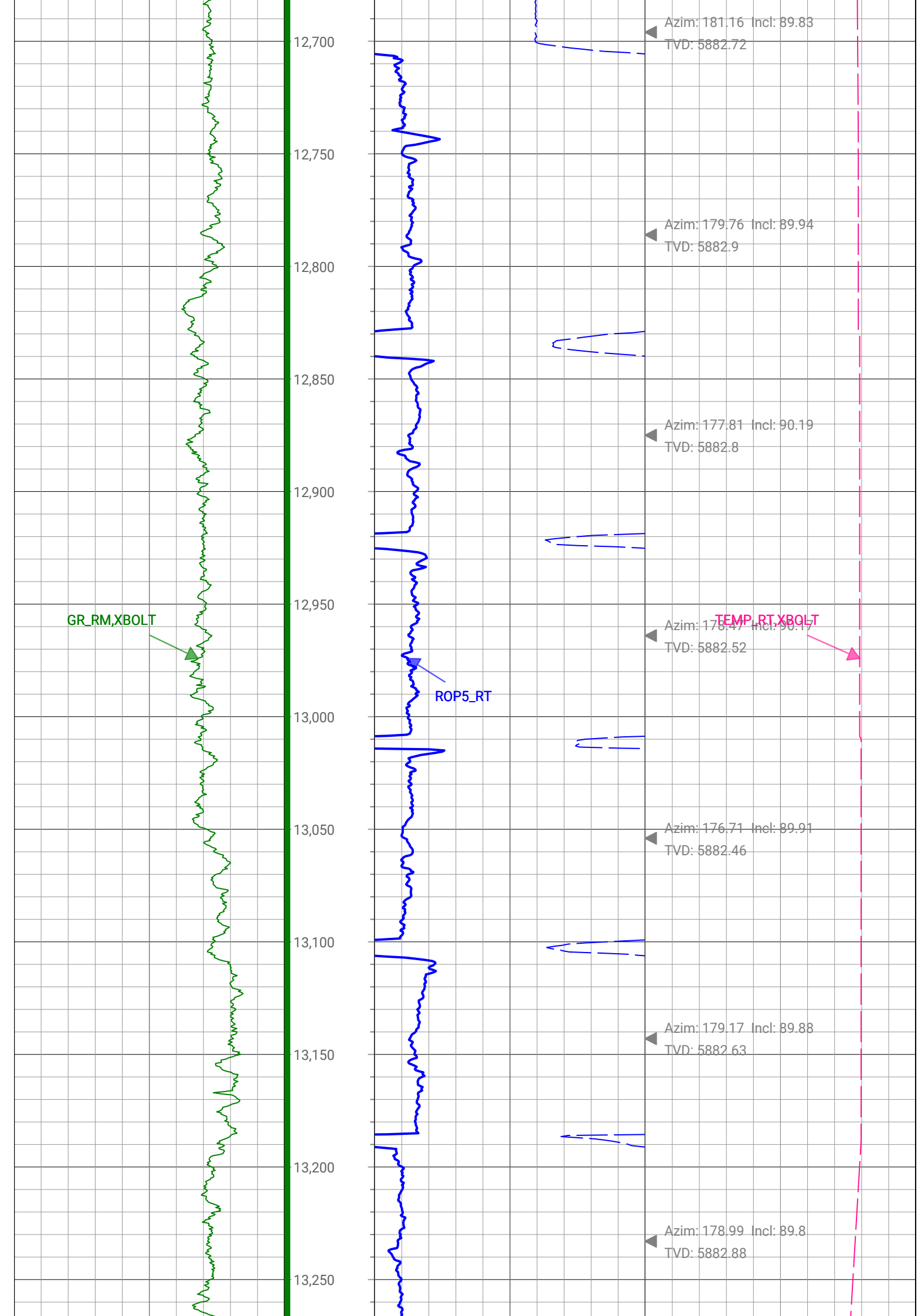

9,800
9,850
9,900
9,950
10,000
10,050
10,100
10,150
10,200
10,250
10,300
GR_RM,XBOLT
ROP5_RT
TEMP_RT,XBOLT
Azim: 180.63 Incl: 90.19
TVD: 5884.36
Azim: 182.6 Incl: 89.95
TVD: 5884.24
Azim: 180.26 Incl: 89.52
TVD: 5884.65
Azim: 180.18 Incl: 89.85
TVD: 5885.14
Azim: 179.95 Incl: 90.06
TVD: 5885.2
Azim: 178.44 Incl: 90.23
TVD: 5884.97

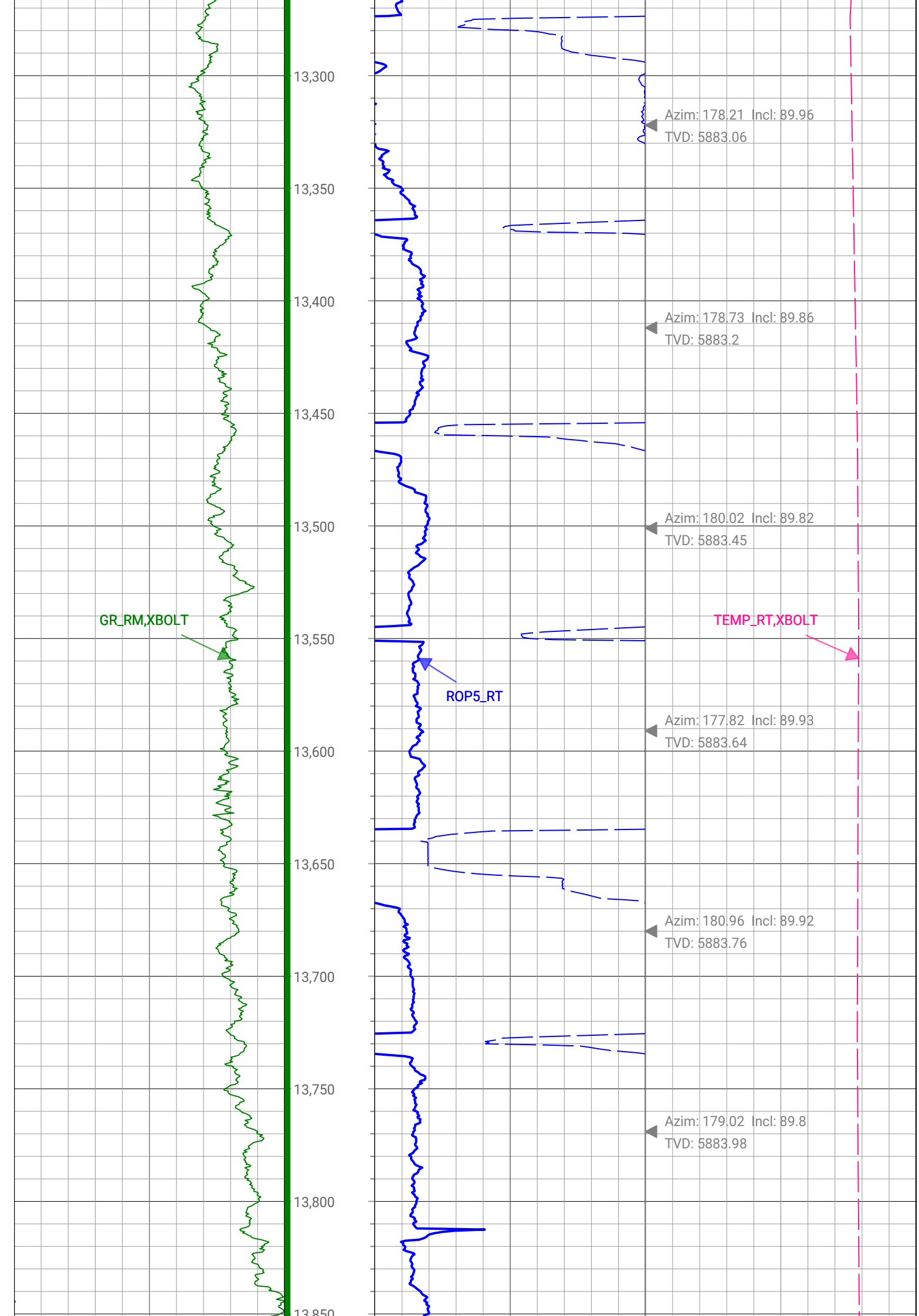

10,350
10,400
10,450
10,500
10,550
10,600
10,650
10,700
10,750
10,800
10,850
10,900
Azim: 177.93 Incl: 90.31
TVD: 5884.56
Azim: 178.82 Incl: 90.45
TVD: 5883.96
Azim: 178.59 Incl: 90.15
TVD: 5883.5
Azim: 179.12 Incl: 90.22
TVD: 5883.22
Azim: 179.96 Incl: 90.05
TVD: 5883.01
Azim: 178.86 Incl: 90.15
TVD: 5882.86
Azim: 178.18 Incl: 90.25
TVD: 5882.54
GR_RM,XBOLT
ROP5_RT
TEMP_RT,XBOLT


10,950
11,000
11,050
11,100
11,150
11,200
11,250
11,300
11,350
11,400
11,450
11,500
Azim: 179.37 Incl: 90.08
TVD: 5882.28
Azim: 178.3 Incl: 90.22
TVD: 5882.05
Azim: 178.41 Incl: 90.06
TVD: 5881.83
Azim: 178.76 Incl: 90.05
TVD: 5881.74
Azim: 179.07 Incl: 90.07
TVD: 5881.65
Azim: 179.1 Incl: 90
TVD: 5881.59
GR_RM,XBOLT
TEMP_RT,XBOLT
ROP5_RT


11,550
11,600
11,650
11,700
11,750
11,800
11,850
11,900
11,950
12,000
12,050
GR_RM,XBOLT
ROP5_RT
TEMP_RT,XBOLT
Azim: 178.95 Incl: 89.86
TVD: 5881.7
Azim: 178.47 Incl: 90.28
TVD: 5881.59
Azim: 179.62 Incl: 90.02
TVD: 5881.34
Azim: 178.07 Incl: 90.05
TVD: 5881.29
Azim: 178.79 Incl: 90.28
TVD: 5881.04
Azim: 178.35 Incl: 89.72
TVD: 5881.04
Azim: 179.83 Incl: 90.05
TVD: 5881.22


12,100
12,150
12,200
12,250
12,300
12,350
12,400
12,450
12,500
12,550
12,600
12,650
Azim: 179.24 Incl: 89.73
TVD: 5881.39
Azim: 181.25 Incl: 89.88
TVD: 5881.69
Azim: 182.37 Incl: 89.76
TVD: 5881.97
Azim: 181.71 Incl: 89.95
TVD: 5882.19
Azim: 181.43 Incl: 89.86
TVD: 5882.33
Azim: 181.36 Incl: 89.91
TVD: 5882.52
GR_RM,XBOLT
ROP5_RT
TEMP_RT,XBOLT


12,700
12,750
12,800
12,850
12,900
12,950
13,000
13,050
13,100
13,150
13,200
13,250
GR_RM,XBOLT
ROP5_RT
TEMP_RT,XBOLT
Azim: 181.16 Incl: 89.83
TVD: 5882.72
Azim: 179.76 Incl: 89.94
TVD: 5882.9
Azim: 177.81 Incl: 90.19
TVD: 5882.8
Azim: 178.47 Incl: 90.17
TVD: 5882.52
Azim: 176.71 Incl: 89.91
TVD: 5882.46
Azim: 179.17 Incl: 89.88
TVD: 5882.63
Azim: 178.99 Incl: 89.8
TVD: 5882.88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13,350
13,400
13,450
13,500
13,550
13,600
13,650
13,700
13,750
13,800
13,850
GR_RM,XBOLT
ROP5_RT
TEMP_RT,XBOLT
Azim: 178.21 Incl: 89.96
TVD: 5883.06
Azim: 178.73 Incl: 89.86
TVD: 5883.2
Azim: 180.02 Incl: 89.82
TVD: 5883.45
Azim: 177.82 Incl: 89.93
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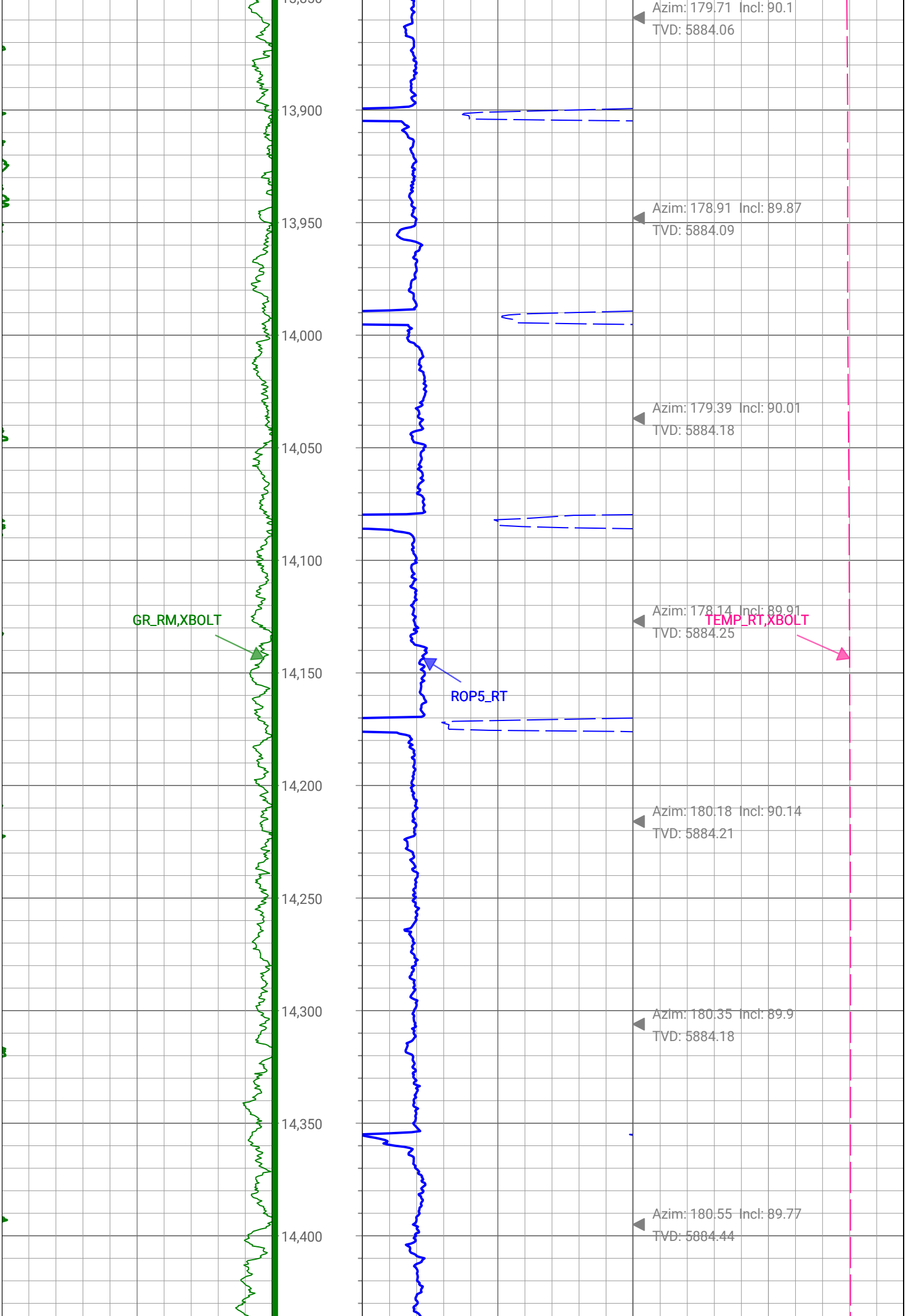
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14,000
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TVD: 5884.18
14,050
14,100
GR_RM,XBOLT
Azim: 178.14 Incl: 89.91
TVD: 5884.25
TEMP_RT,XBOLT
ROP5_RT
14,150
14,200
Azim: 180.18 Incl: 90.14
TVD: 5884.21
14,250
14,300
Azim: 180.35 Incl: 89.9
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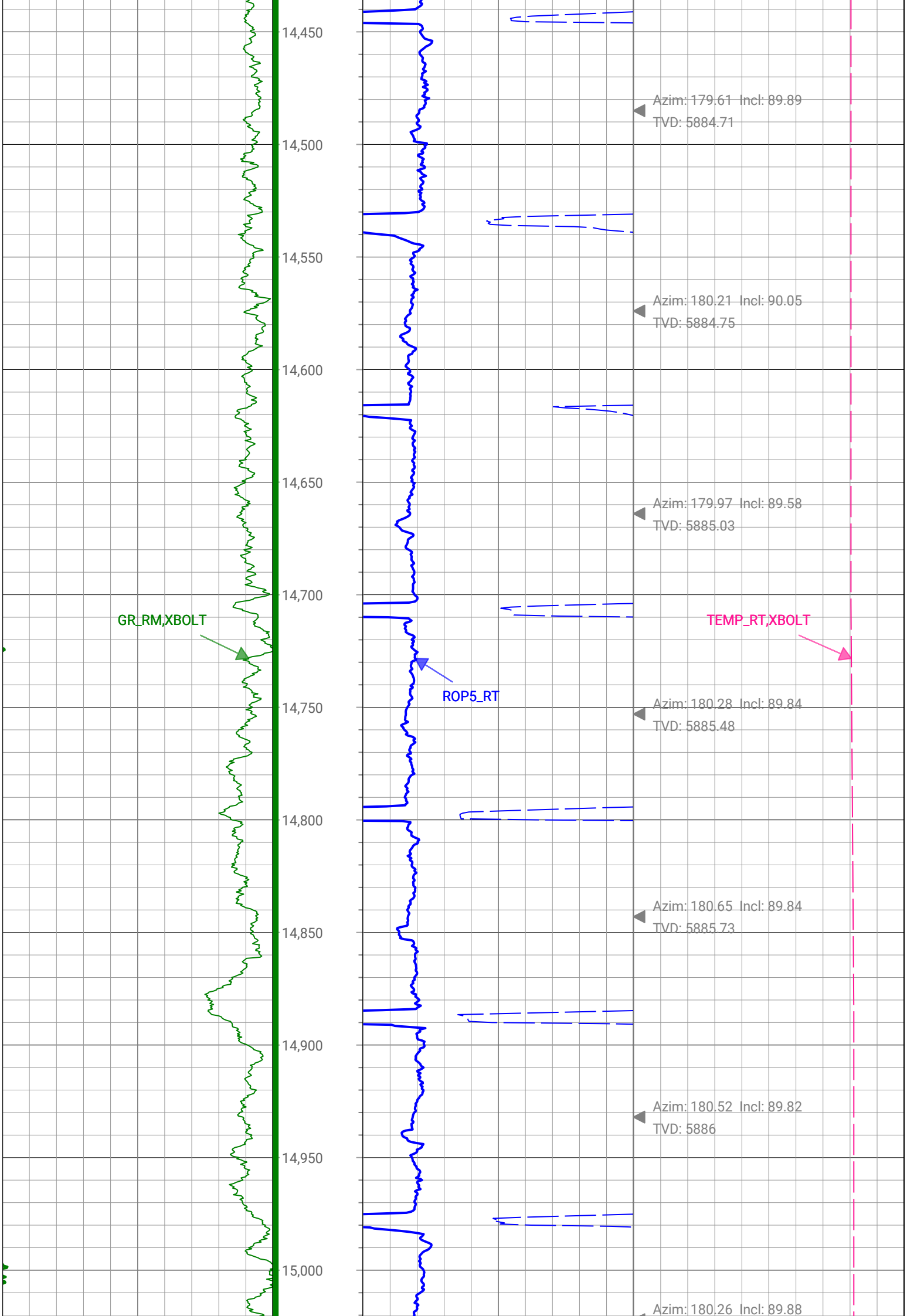
14,350
14,400
Azim: 180.55 Incl: 89.77
TVD: 5884.44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14,750
14,800
14,850
14,900
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15,000
GR_RM,XBOLT
ROP5_RT
TEMP_RT,XBOLT
Azim: 179.61 Incl: 89.89
TVD: 5884.71
Azim: 180.21 Incl: 90.05
TVD: 5884.75
Azim: 179.97 Incl: 89.58
TVD: 5885.03
Azim: 180.28 Incl: 89.84
TVD: 5885.48
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TVD: 5885.73
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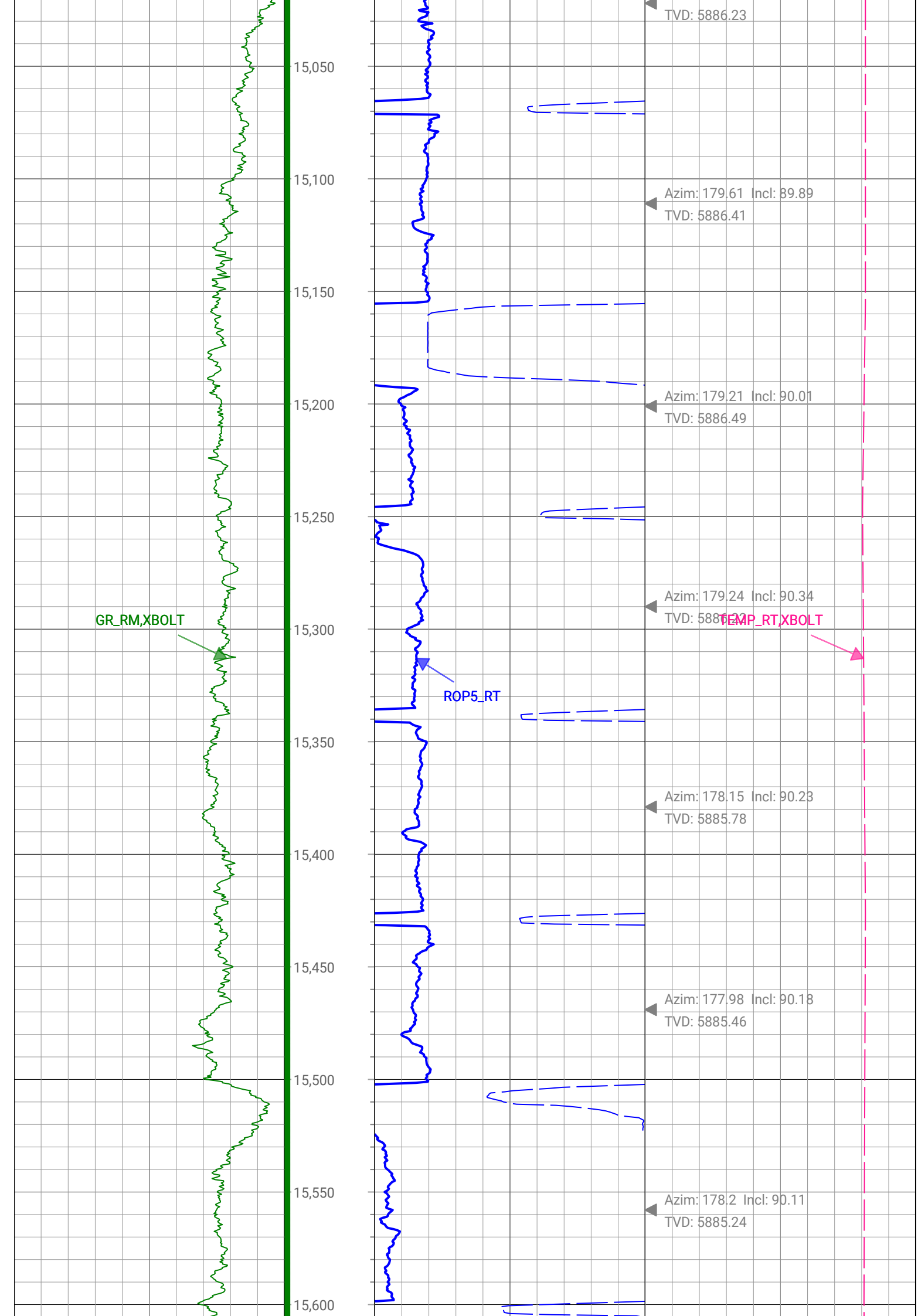
Azim: 180.26 Incl: 89.88


TVD: 5886.23
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TVD: 5886.41
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15,200
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TVD: 5886.49
15,250
Azim: 179.24 Incl: 90.34
GR_RM,XBOLT
TEMP_RT,XBOLT
15,300
ROP5_RT
15,350
Azim: 178.15 Incl: 90.23
TVD: 5885.78
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15,450
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TVD: 5885.46
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15,550
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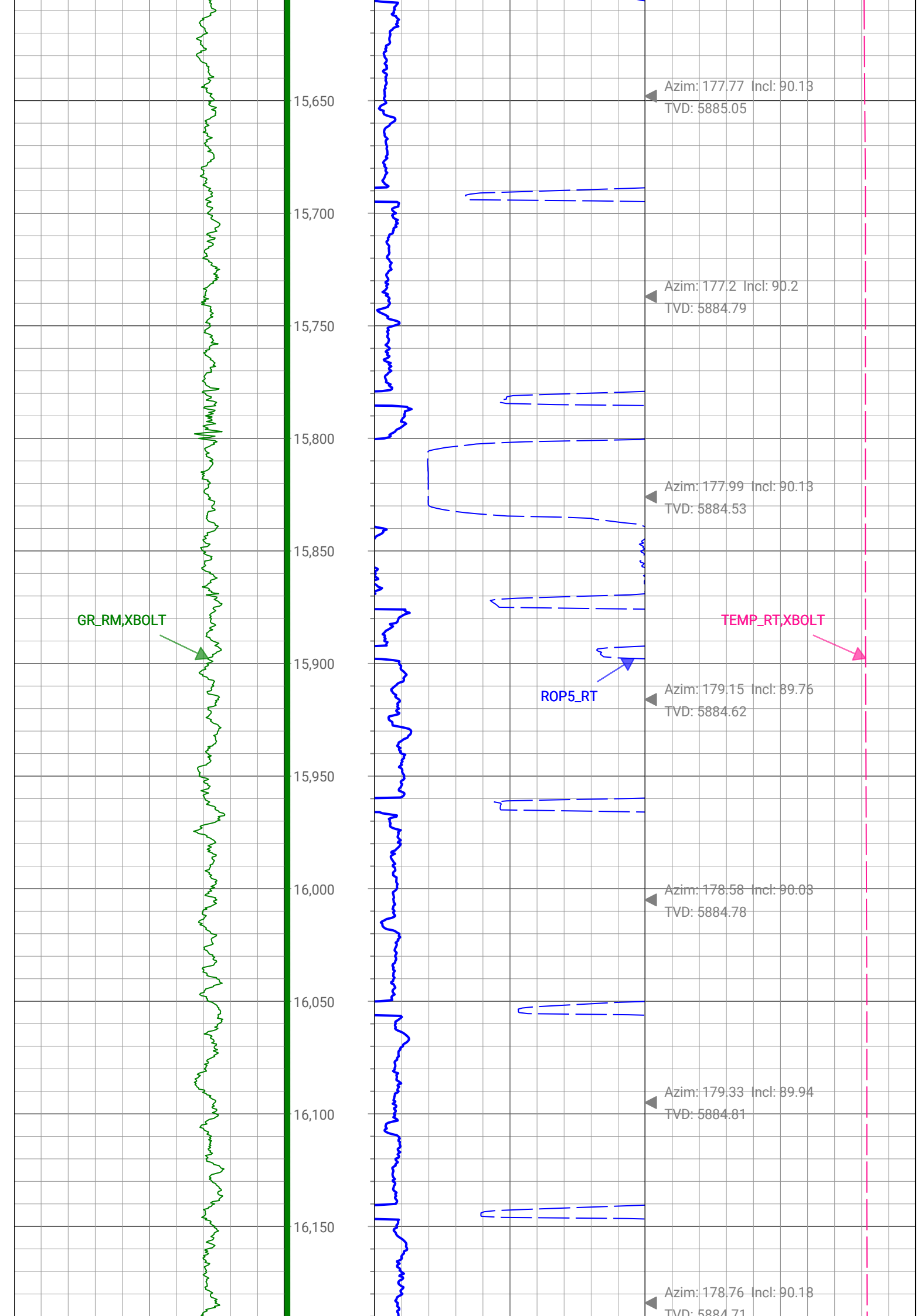
TVD: 5885.24
15,600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15,700
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15,950
16,000
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16,100
16,150
GR_RM,XBOLT
TEMP_RT,XBOLT
ROP5_RT
Azim: 177.77 Incl: 90.13
TVD: 5885.05
Azim: 177.2 Incl: 90.2
TVD: 5884.79
Azim: 177.99 Incl: 90.13
TVD: 5884.53
Azim: 179.15 Incl: 89.76
TVD: 5884.62
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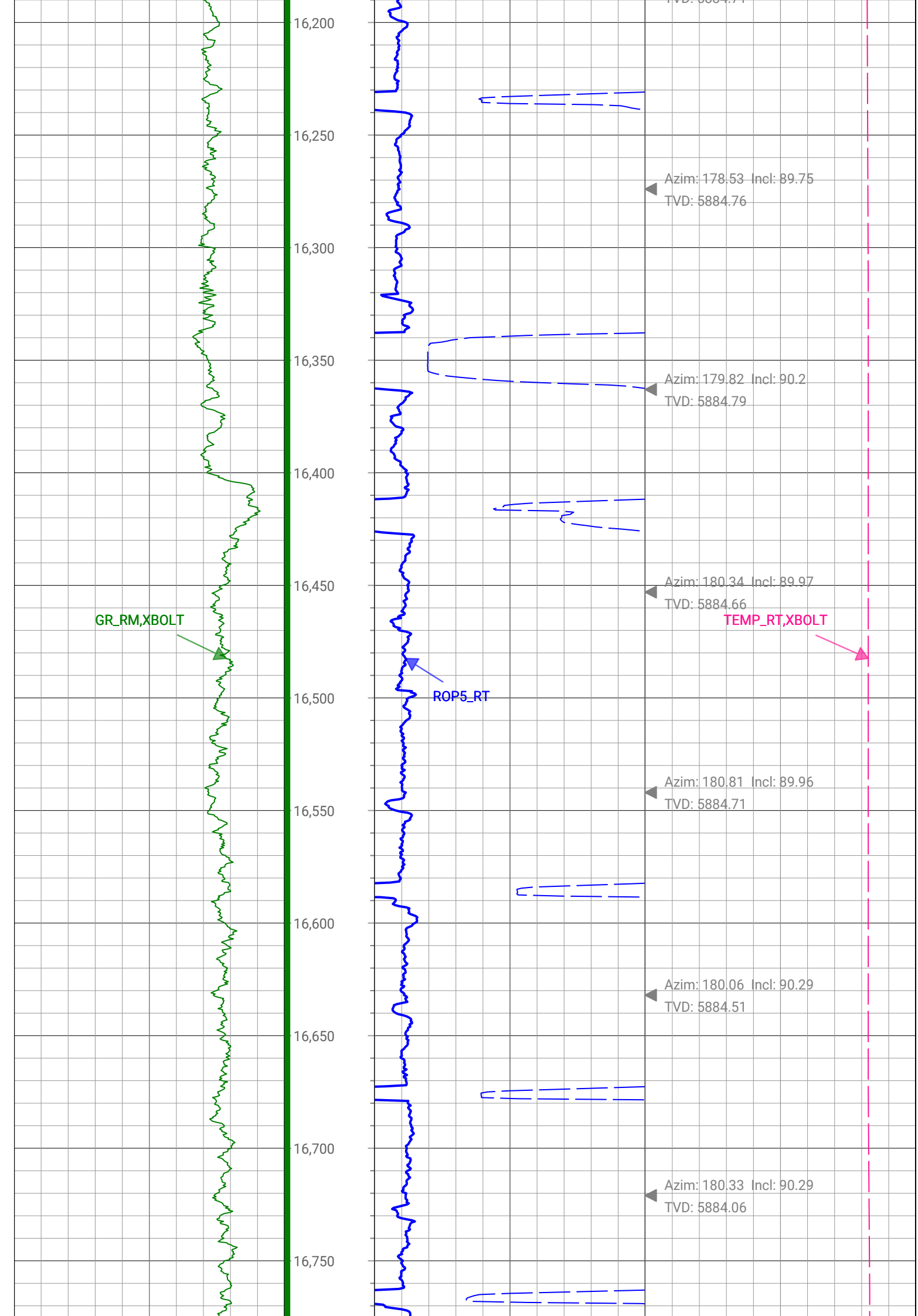
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16,250
16,300
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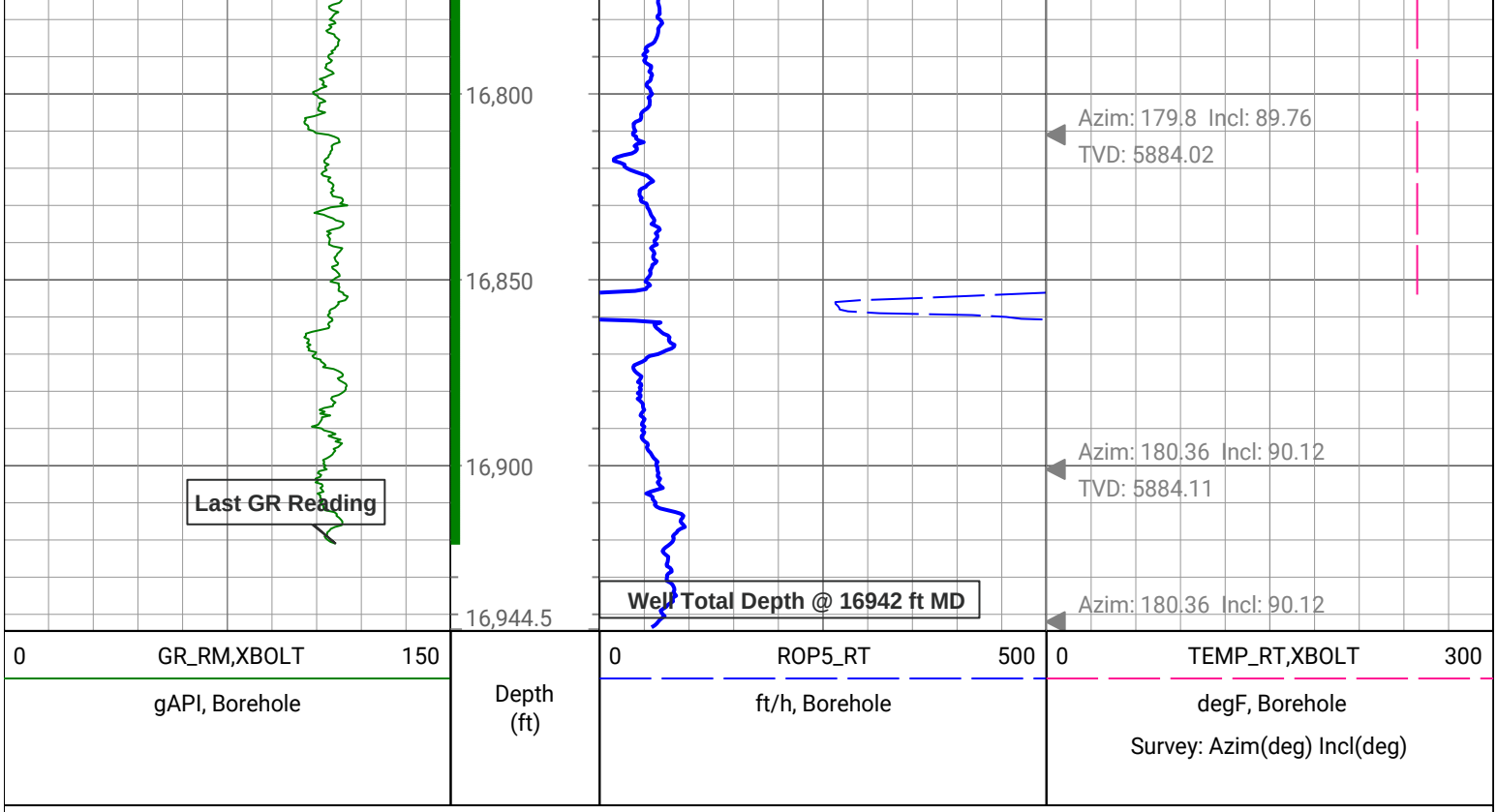
16,500
16,550
16,600
16,650
16,700
16,750
Azim: 178.53 Incl: 89.75
TVD: 5884.76
Azim: 179.82 Incl: 90.2
TVD: 5884.79
Azim: 180.34 Incl: 89.97
TVD: 5884.66
Azim: 180.81 Incl: 89.96
TVD: 5884.71
Azim: 180.06 Incl: 90.29
TVD: 5884.51
Azim: 180.33 Incl: 90.29
TVD: 5884.06
GR_RM,XBOLT
ROP5_RT
TEMP_RT,XBOLT



Description: XBOLT GAMMA RAY Format: XBOLT_GR_DNI_VERDAD Index Scale: 2in/100ft Index Unit: ft Index Type: Measured Depth

Creation Date: 28-Apr-2022

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 2022	Geomagnetic Date:	24-Apr-2022 00:00:00
Location B:	52135.22(nT)	Location G:	999.089(mgn)
Magnetic Dip:	66.921(deg)	Magnetic Dec:	7.26(deg)
Total Correction:	7.26		

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
17	0	0	17	0	0	0	0	0	0	MWD
164	0.07	323.03	164	-0.07	0.07	-0.05	0.05	0.09	323.03	MWD
192	0.04	313.46	192	-0.09	0.09	-0.07	0.11	0.12	322.23	MWD
221	0.24	68.92	221	-0.12	0.12	-0.02	0.9	0.12	349.66	MWD
251	0.71	82.39	251	-0.17	0.17	0.22	1.6	0.28	52.71	MWD
281	1.33	85.59	280.99	-0.21	0.22	0.75	2.07	0.78	73.73	MWD
313	2.1	87.88	312.98	-0.25	0.27	1.71	2.42	1.73	81.03	MWD
343	2.96	95.05	342.95	-0.19	0.22	3.03	3.05	3.04	85.81	MWD
373	3.95	101.5	372.9	0.1	-0.05	4.81	3.54	4.81	90.62	MWD
403	4.78	98.55	402.81	0.51	-0.44	7.06	2.87	7.08	93.6	MWD
433	5.6	92.6	432.68	0.79	-0.7	9.76	3.27	9.79	94.08	MWD
463	5.96	90.9	462.53	0.91	-0.79	12.78	1.33	12.8	93.52	MWD
493	6.39	89.51	492.36	0.96	-0.8	16.01	1.52	16.03	92.85	MWD
523	7.03	87.39	522.15	0.89	-0.7	19.51	2.29	19.52	92.05	MWD

553	7.73	88.58	551.9	0.8	-0.57	23.36	2.39	23.37	91.39	MWD
583	8.19	89.04	581.61	0.75	-0.48	27.51	1.55	27.52	91	MWD
613	8.83	88.89	611.28	0.72	-0.4	31.95	2.13	31.96	90.72	MWD
643	9.41	88.06	640.9	0.64	-0.27	36.71	1.98	36.71	90.42	MWD
673	10.13	87.87	670.47	0.51	-0.09	41.79	2.4	41.79	90.12	MWD
703	10.77	87.73	699.97	0.35	0.12	47.23	2.14	47.23	89.86	MWD
733	11.13	87.38	729.43	0.17	0.36	52.92	1.22	52.93	89.61	MWD
763	11.14	86.99	758.86	-0.06	0.65	58.71	0.25	58.71	89.37	MWD
793	11.08	87.27	788.3	-0.29	0.94	64.48	0.27	64.49	89.17	MWD
823	11.43	87.13	817.72	-0.52	1.22	70.33	1.17	70.34	89	MWD
853	11.99	86.87	847.1	-0.78	1.54	76.41	1.87	76.43	88.84	MWD
883	12.47	88.35	876.42	-0.98	1.8	82.76	1.91	82.78	88.75	MWD
913	13.05	90.01	905.68	-1.01	1.9	89.39	2.29	89.41	88.78	MWD
943	13.21	91.2	934.89	-0.87	1.82	96.2	1.05	96.22	88.91	MWD
973	13.06	92.97	964.11	-0.55	1.58	103.01	1.43	103.03	89.12	MWD
1003	13.21	93.93	993.32	-0.07	1.17	109.82	0.88	109.82	89.39	MWD
1033	13.22	95.58	1022.53	0.56	0.6	116.65	1.26	116.65	89.71	MWD
1063	13.83	96.84	1051.7	1.39	-0.16	123.63	2.26	123.63	90.08	MWD
1093	14.52	95.23	1080.78	2.24	-0.93	130.93	2.65	130.93	90.41	MWD
1123	15.07	95.32	1109.79	3.02	-1.64	138.56	1.83	138.57	90.68	MWD
1153	16.02	96.92	1138.69	3.96	-2.5	146.55	3.47	146.57	90.98	MWD
1183	16.42	97.51	1167.5	5.09	-3.55	154.87	1.44	154.91	91.31	MWD
1213	16.74	97.35	1196.25	6.28	-4.66	163.35	1.08	163.42	91.63	MWD
1243	17.53	97.12	1224.92	7.48	-5.77	172.12	2.64	172.22	91.92	MWD
1273	18.44	96.41	1253.45	8.66	-6.86	181.32	3.12	181.45	92.17	MWD
1303	18.72	93.71	1281.89	9.6	-7.7	190.84	3.02	191	92.31	MWD
1333	18.28	90.91	1310.34	10.08	-8.09	200.35	3.3	200.51	92.31	MWD
1363	17.89	87.76	1338.86	10.07	-7.98	209.66	3.51	209.81	92.18	MWD
1393	18.1	85.22	1367.39	9.59	-7.41	218.91	2.71	219.03	91.94	MWD
1423	18.75	83.43	1395.85	8.74	-6.47	228.34	2.87	228.43	91.62	MWD
1453	19.4	81.01	1424.2	7.51	-5.14	238.05	3.41	238.11	91.24	MWD
1483	19.37	78.5	1452.5	5.84	-3.37	247.85	2.78	247.87	90.78	MWD
1513	19.24	76.61	1480.82	3.8	-1.24	257.53	2.13	257.54	90.28	MWD
1548	19.37	76.2	1513.85	1.19	1.48	268.78	0.54	268.78	89.68	MWD
1693	20.95	76.24	1649.96	-10.23	13.39	317.31	1.09	317.59	87.58	MWD
1783	23.74	81.15	1733.2	-16.51	20	350.85	3.73	351.42	86.74	MWD
1872	24.25	82.76	1814.51	-21.21	25.06	386.68	0.93	387.49	86.29	MWD
1962	24.53	82.4	1896.48	-25.64	29.86	423.54	0.34	424.59	85.97	MWD
2051	25.35	86.84	1977.19	-28.76	33.35	460.87	2.3	462.08	85.86	MWD
2140	25.28	89.46	2057.65	-29.61	34.58	498.9	1.26	500.1	86.04	MWD
2230	25.64	91.39	2138.91	-28.94	34.29	537.58	1	538.68	86.35	MWD
2319	25.69	90.74	2219.12	-27.84	33.57	576.13	0.32	577.1	86.66	MWD
2409	25.19	90.96	2300.4	-26.88	33	614.78	0.57	615.66	86.93	MWD
2499	25.29	91.46	2381.81	-25.69	32.19	653.14	0.26	653.93	87.18	MWD
2588	26.58	91.08	2461.85	-24.45	31.33	692.05	1.47	692.76	87.41	MWD
2678	25.56	90.89	2542.69	-23.37	30.65	731.6	1.14	732.24	87.6	MWD
2767	25.44	91.38	2623.01	-22.23	29.89	769.91	0.27	770.49	87.78	MWD
2857	26.25	90.32	2704.01	-21.26	29.31	809.15	1.03	809.68	87.93	MWD
2946	25.96	90.13	2783.93	-20.72	29.16	848.31	0.35	848.81	88.03	MWD
3036	25.89	90.68	2864.88	-20.05	28.88	887.65	0.28	888.12	88.14	MWD

3215	25.81	89.91	3025.97	-18.86	28.47	965.69	0.19	966.11	88.31	MWD
3304	25.9	90.4	3106.06	-18.37	28.36	1004.5	0.26	1004.9	88.38	MWD
3393	26.44	91.76	3185.94	-17.24	27.62	1043.74	0.9	1044.1	88.48	MWD
3482	25.88	93.77	3265.83	-14.96	25.74	1082.92	1.17	1083.23	88.64	MWD
3572	25.78	94.29	3346.84	-11.82	22.99	1122.04	0.27	1122.27	88.83	MWD
3661	25.92	92.48	3426.93	-9.15	20.7	1160.77	0.9	1160.96	88.98	MWD
3751	26.04	93.96	3507.84	-6.54	18.48	1200.13	0.73	1200.27	89.12	MWD
3840	25.69	93.75	3587.92	-3.54	15.87	1238.86	0.41	1238.97	89.27	MWD
3930	25.52	93.66	3669.09	-0.64	13.35	1277.67	0.19	1277.74	89.4	MWD
4019	25.57	93.19	3749.39	2.03	11.06	1315.99	0.24	1316.03	89.52	MWD
4109	25.57	92.69	3830.57	4.41	9.07	1354.78	0.24	1354.81	89.62	MWD
4198	25.67	93.25	3910.82	6.79	7.07	1393.22	0.29	1393.23	89.71	MWD
4287	25.81	93.43	3990.99	9.42	4.82	1431.8	0.18	1431.81	89.81	MWD
4377	25.61	92.69	4072.07	11.9	2.74	1470.79	0.42	1470.8	89.89	MWD
4466	25.91	93.07	4152.23	14.22	0.79	1509.43	0.38	1509.43	89.97	MWD
4556	25.82	92.75	4233.21	16.61	-1.2	1548.64	0.18	1548.64	90.04	MWD
4645	25.39	92.76	4313.47	18.84	-3.05	1587.06	0.48	1587.07	90.11	MWD
4735	25.69	93.89	4394.67	21.48	-5.3	1625.8	0.63	1625.81	90.19	MWD
4825	25.93	91.97	4475.7	23.86	-7.3	1664.93	0.97	1664.95	90.25	MWD
4914	25.38	92.92	4555.92	25.89	-8.94	1703.43	0.78	1703.45	90.3	MWD
5003	25.69	91.71	4636.23	27.82	-10.49	1741.76	0.68	1741.79	90.35	MWD
5093	25.71	91.79	4717.33	29.4	-11.68	1780.77	0.04	1780.8	90.38	MWD
5183	25.86	92.23	4798.37	31.16	-13.05	1819.89	0.27	1819.94	90.41	MWD
5272	25.71	91.76	4878.51	32.89	-14.4	1858.58	0.28	1858.64	90.44	MWD
5361	25.5	92.73	4958.77	34.78	-15.91	1897.01	0.53	1897.08	90.48	MWD
5451	26.05	92.61	5039.81	37	-17.74	1936.1	0.62	1936.19	90.52	MWD
5540	25.08	91.71	5120.1	38.83	-19.19	1974.49	1.17	1974.58	90.56	MWD
5631	25.72	92.33	5202.3	40.6	-20.57	2013.5	0.76	2013.6	90.59	MWD
5719	28.7	100.23	5280.58	45.53	-25.1	2053.39	5.31	2053.54	90.7	MWD
5809	32.37	110.25	5358.14	58.15	-37.29	2097.3	6.96	2097.63	91.02	MWD
5898	35.96	124.28	5431.88	81.59	-60.29	2141.33	9.71	2142.18	91.61	MWD
5988	38.93	135.14	5503.41	116.98	-95.26	2183.17	8.03	2185.24	92.5	MWD
6077	41.55	146.01	5571.42	161.69	-139.62	2219.44	8.42	2223.83	93.6	MWD
6167	43.24	152.42	5637.92	214.1	-191.72	2250.42	5.15	2258.57	94.87	MWD
6256	49.44	157.23	5699.35	272.64	-249.99	2277.65	7.98	2291.33	96.26	MWD
6346	57.25	163.02	5753.07	340.74	-317.85	2301.99	10.1	2323.83	97.86	MWD
6435	62.46	168.15	5797.76	415.43	-392.36	2321.04	7.69	2353.97	99.59	MWD
6525	69.73	174.19	5834.23	496.77	-473.58	2333.53	10.14	2381.1	101.47	MWD
6614	76.41	176.27	5860.14	581.63	-558.37	2340.58	7.82	2406.26	103.42	MWD
6704	82.95	176.52	5876.26	670	-646.69	2346.14	7.27	2433.63	105.41	MWD
6793	89.51	177.67	5882.11	758.69	-735.34	2350.63	7.49	2462.96	107.37	MWD
6882	89.9	178.89	5882.57	847.66	-824.29	2353.3	1.44	2493.48	109.3	MWD
6972	89.7	181.42	5882.88	937.65	-914.29	2353.05	2.82	2524.43	111.23	MWD
7061	89.42	181.93	5883.56	1026.58	-1003.25	2350.44	0.64	2555.6	113.11	MWD
7151	89.72	180.48	5884.24	1116.53	-1093.22	2348.55	1.64	2590.53	114.96	MWD
7240	89.54	181.28	5884.82	1205.5	-1182.21	2347.18	0.92	2628.1	116.73	MWD
7330	90.14	181.91	5885.07	1295.43	-1272.17	2344.68	0.97	2667.57	118.48	MWD
7419	89.88	182.29	5885.06	1384.34	-1361.11	2341.42	0.52	2708.3	120.17	MWD
7509	89.45	181.27	5885.58	1474.26	-1451.06	2338.63	1.24	2752.23	121.82	MWD

7598	89.84	179.84	5886.14	1563.24	-1540.06	2337.77	1.66	2799.45	123.38	MWD
7687	89.92	178.2	5886.33	1652.23	-1629.04	2339.29	1.84	2850.63	124.85	MWD
7777	90.35	179.99	5886.12	1742.23	-1719.02	2340.72	2.05	2904.14	126.29	MWD
7866	89.57	178.62	5886.18	1831.22	-1808.02	2341.79	1.77	2958.53	127.67	MWD
7956	89.73	178.06	5886.73	1921.2	-1897.98	2344.4	0.66	3016.38	128.99	MWD
8045	90.12	180.11	5886.84	2010.2	-1986.96	2345.83	2.34	3074.23	130.27	MWD
8135	89.94	178.81	5886.79	2100.2	-2076.95	2346.67	1.45	3133.79	131.51	MWD
8224	89.95	178.22	5886.88	2189.18	-2165.92	2348.98	0.66	3195.14	132.68	MWD
8314	90.08	178.64	5886.85	2279.17	-2255.89	2351.44	0.48	3258.58	133.81	MWD
8403	90.08	177.76	5886.73	2368.15	-2344.84	2354.24	0.99	3322.76	134.89	MWD
8492	90.28	179.87	5886.45	2457.14	-2433.82	2356.08	2.38	3387.42	135.93	MWD
8582	90.18	179.35	5886.09	2547.14	-2523.82	2356.69	0.59	3453.06	136.96	MWD
8671	90.05	179.35	5885.91	2636.14	-2612.81	2357.7	0.14	3519.31	137.94	MWD
8761	89.95	180.16	5885.9	2726.13	-2702.81	2358.07	0.91	3586.88	138.9	MWD
8850	90.21	177.68	5885.78	2815.12	-2791.79	2359.75	2.81	3655.48	139.79	MWD
8940	90.12	178.68	5885.52	2905.1	-2881.74	2362.61	1.12	3726.44	140.65	MWD
9029	89.92	179.23	5885.49	2994.1	-2970.72	2364.24	0.66	3796.68	141.49	MWD
9119	90.03	177.28	5885.53	3084.07	-3060.68	2366.97	2.16	3869.15	142.28	MWD
9208	89.73	177.66	5885.72	3173.02	-3149.59	2370.9	0.54	3942.22	143.03	MWD
9297	90.27	177.08	5885.72	3261.96	-3238.5	2374.98	0.89	4016.02	143.75	MWD
9387	90.31	180.42	5885.26	3351.94	-3328.46	2376.95	3.71	4090.05	144.47	MWD
9476	90.15	182.07	5884.91	3440.89	-3417.44	2375.02	1.86	4161.68	145.2	MWD
9565	90.16	180.77	5884.67	3529.84	-3506.41	2372.81	1.46	4233.81	145.91	MWD
9655	89.8	181.02	5884.7	3619.81	-3596.4	2371.41	0.49	4307.86	146.6	MWD
9744	90.22	181.01	5884.68	3708.77	-3685.38	2369.83	0.48	4381.57	147.26	MWD
9834	90.19	180.63	5884.36	3798.75	-3775.37	2368.55	0.42	4456.84	147.9	MWD
9923	89.95	182.6	5884.24	3887.68	-3864.33	2366.04	2.23	4531.14	148.52	MWD
10013	89.52	180.26	5884.65	3977.62	-3954.3	2363.79	2.64	4606.95	149.13	MWD
10102	89.85	180.18	5885.14	4066.61	-4043.29	2363.45	0.38	4683.39	149.69	MWD
10191	90.06	179.95	5885.2	4155.6	-4132.29	2363.34	0.35	4760.38	150.23	MWD
10281	90.23	178.44	5884.97	4245.6	-4222.28	2364.61	1.69	4839.32	150.75	MWD
10370	90.31	177.93	5884.56	4334.57	-4311.24	2367.43	0.57	4918.48	151.23	MWD
10460	90.45	178.82	5883.96	4424.56	-4401.2	2369.97	1	4998.73	151.7	MWD
10550	90.15	178.59	5883.5	4514.55	-4491.17	2372	0.42	5079.08	152.16	MWD
10639	90.22	179.12	5883.22	4603.54	-4580.15	2373.77	0.6	5158.74	152.6	MWD
10728	90.05	179.96	5883.01	4692.54	-4669.15	2374.49	0.95	5238.24	153.04	MWD
10818	90.15	178.86	5882.86	4782.54	-4759.14	2375.42	1.22	5319.03	153.47	MWD
10907	90.25	178.18	5882.54	4871.53	-4848.11	2377.72	0.78	5399.79	153.87	MWD
10997	90.08	179.37	5882.28	4961.52	-4938.09	2379.64	1.34	5481.55	154.27	MWD
11086	90.22	178.3	5882.05	5050.51	-5027.07	2381.45	1.22	5562.62	154.65	MWD
11176	90.06	178.41	5881.83	5140.5	-5117.03	2384.04	0.21	5645.15	155.02	MWD
11265	90.05	178.76	5881.74	5229.49	-5206.01	2386.25	0.39	5726.84	155.37	MWD
11355	90.07	179.07	5881.65	5319.48	-5295.99	2387.96	0.35	5809.46	155.73	MWD
11445	90	179.1	5881.59	5409.48	-5385.98	2389.4	0.08	5892.2	156.08	MWD
11534	89.86	178.95	5881.7	5498.48	-5474.96	2390.91	0.23	5974.25	156.41	MWD
11623	90.28	178.47	5881.59	5587.47	-5563.94	2392.92	0.72	6056.69	156.73	MWD
11713	90.02	179.62	5881.34	5677.47	-5653.93	2394.42	1.31	6140.05	157.05	MWD
11802	90.05	178.07	5881.29	5766.46	-5742.91	2396.22	1.73	6222.77	157.35	MWD
11892	90.28	178.79	5881.04	5856.45	-5832.87	2398.68	0.84	6306.82	157.65	MWD
11981	89.72	178.35	5881.04	5945.44	-5921.84	2400.9	0.8	6390.03	157.93	MWD

12071	90.05	179.83	5881.22	6035.43	-6011.83	2402.33	1.69	6474.05	158.22	MWD
12160	89.73	179.24	5881.39	6124.43	-6100.83	2403.05	0.75	6557.03	158.5	MWD
12250	89.88	181.25	5881.69	6214.42	-6190.82	2402.66	2.24	6640.71	158.79	MWD
12339	89.76	182.37	5881.97	6303.34	-6279.77	2399.85	1.27	6722.71	159.09	MWD
12428	89.95	181.71	5882.19	6392.24	-6368.72	2396.68	0.77	6804.75	159.38	MWD
12517	89.86	181.43	5882.33	6481.18	-6457.68	2394.24	0.33	6887.24	159.66	MWD
12607	89.91	181.36	5882.52	6571.13	-6547.66	2392.05	0.09	6970.92	159.93	MWD
12696	89.83	181.16	5882.72	6660.08	-6636.63	2390.09	0.24	7053.9	160.19	MWD
12786	89.94	179.76	5882.9	6750.07	-6726.63	2389.37	1.57	7138.39	160.44	MWD
12875	90.19	177.81	5882.8	6839.06	-6815.6	2391.26	2.2	7222.92	160.67	MWD
12964	90.17	178.47	5882.52	6928.03	-6904.56	2394.15	0.74	7307.86	160.88	MWD
13054	89.91	176.71	5882.46	7017.98	-6994.47	2397.94	1.98	7394.1	161.08	MWD
13143	89.88	179.17	5882.63	7106.94	-7083.41	2401.14	2.76	7479.32	161.27	MWD
13233	89.8	178.99	5882.88	7196.94	-7173.4	2402.59	0.21	7565.05	161.48	MWD
13322	89.96	178.21	5883.06	7285.93	-7262.37	2404.76	0.9	7650.16	161.68	MWD
13412	89.86	178.73	5883.2	7375.92	-7352.34	2407.16	0.59	7736.36	161.87	MWD
13501	89.82	180.02	5883.45	7464.92	-7441.33	2408.13	1.45	7821.28	162.07	MWD
13591	89.93	177.82	5883.64	7554.91	-7531.31	2409.83	2.45	7907.46	162.26	MWD
13680	89.92	180.96	5883.76	7643.9	-7620.29	2410.78	3.53	7992.54	162.44	MWD
13769	89.8	179.02	5883.98	7732.89	-7709.29	2410.8	2.18	8077.44	162.63	MWD
13859	90.1	179.71	5884.06	7822.89	-7799.28	2411.79	0.84	8163.67	162.82	MWD
13948	89.87	178.91	5884.09	7911.89	-7888.27	2412.86	0.94	8249.04	162.99	MWD
14037	90.01	179.39	5884.18	8000.88	-7977.26	2414.18	0.57	8334.57	163.16	MWD
14127	89.91	178.14	5884.25	8090.88	-8067.24	2416.12	1.4	8421.28	163.33	MWD
14216	90.14	180.18	5884.21	8179.87	-8156.23	2417.42	2.31	8506.93	163.49	MWD
14306	89.9	180.35	5884.18	8269.86	-8246.22	2417	0.32	8593.14	163.66	MWD
14395	89.77	180.55	5884.44	8358.85	-8335.22	2416.3	0.27	8678.39	163.83	MWD
14485	89.89	179.61	5884.71	8448.84	-8425.22	2416.17	1.06	8764.83	164	MWD
14574	90.05	180.21	5884.75	8537.84	-8514.22	2416.31	0.7	8850.45	164.16	MWD
14664	89.58	179.97	5885.03	8627.83	-8604.22	2416.17	0.59	8937.03	164.31	MWD
14753	89.84	180.28	5885.48	8716.82	-8693.22	2415.98	0.45	9022.69	164.47	MWD
14843	89.84	180.65	5885.73	8806.81	-8783.21	2415.25	0.42	9109.24	164.62	MWD
14932	89.82	180.52	5886	8895.79	-8872.21	2414.34	0.15	9194.84	164.78	MWD
15022	89.88	180.26	5886.23	8985.77	-8962.21	2413.74	0.29	9281.55	164.93	MWD
15111	89.89	179.61	5886.41	9074.77	-9051.21	2413.84	0.73	9367.55	165.07	MWD
15201	90.01	179.21	5886.49	9164.77	-9141.2	2414.76	0.46	9454.77	165.2	MWD
15290	90.34	179.24	5886.22	9253.77	-9230.19	2415.97	0.37	9541.14	165.33	MWD
15379	90.23	178.15	5885.78	9342.76	-9319.17	2418	1.23	9627.75	165.45	MWD
15469	90.18	177.98	5885.46	9432.73	-9409.11	2421.03	0.19	9715.6	165.57	MWD
15558	90.11	178.2	5885.24	9521.71	-9498.06	2423.99	0.26	9802.5	165.68	MWD
15648	90.13	177.77	5885.05	9611.68	-9588.01	2427.15	0.48	9890.45	165.79	MWD
15737	90.2	177.2	5884.79	9700.63	-9676.92	2431.05	0.64	9977.62	165.9	MWD
15826	90.13	177.99	5884.53	9789.58	-9765.84	2434.78	0.89	10064.78	166	MWD
15916	89.76	179.15	5884.62	9879.57	-9855.81	2437.02	1.36	10152.64	166.11	MWD
16005	90.03	178.58	5884.78	9968.56	-9944.8	2438.78	0.71	10239.46	166.22	MWD
16095	89.94	179.33	5884.81	10058.56	-10034.78	2440.42	0.84	10327.27	166.33	MWD
16184	90.18	178.76	5884.71	10147.56	-10123.77	2441.9	0.7	10414.1	166.44	MWD
16274	89.75	178.53	5884.76	10237.55	-10213.74	2444.03	0.54	10502.09	166.54	MWD
16363	90.2	179.82	5884.79	10326.55	-10302.73	2445.32	1.54	10588.95	166.65	MWD
16453	89.97	180.34	5884.66	10416.54	-10392.73	2445.19	0.64	10676.51	166.76	MWD

16542	89.96	180.81	5884.71	10505.52	-10481.72	2444.3	0.52	10762.95	166.87	MWD
16632	90.29	180.06	5884.51	10595.51	-10571.72	2443.61	0.9	10850.46	166.98	MWD
16721	90.29	180.33	5884.06	10684.5	-10660.72	2443.31	0.3	10937.12	167.09	MWD
16811	89.76	179.8	5884.02	10774.49	-10750.72	2443.2	0.83	11024.84	167.2	MWD
16901	90.12	180.36	5884.11	10864.49	-10840.72	2443.07	0.73	11112.6	167.3	MWD
16942	90.12	180.36	5884.03	10905.48	-10881.72	2442.81	0.01	11152.54	167.35	Manual

Company: Verdad Resources LLC
Well: Timbro Fed 1931-08H
Field Name: Wildcat
Country Name: United States
State Name: Colorado
County Name: Weld

Schlumberger

XBOLT GAMMA RAY
2in/100ft Measured Depth
Final Print
Recorded Mode