

Company: Verdad Resources LLC Well: KBL 1930 12H Field Name: Wattenberg Country Name: United States State Name: Colorado County Name: Weld											
<div>XBOLT GAMMA RAY</div> <div>5in/100ft Measured Depth</div> <div>Final Print</div> <div>Recorded Mode</div> <div>Schlumberger</div>											
Company: Verdad Resources LLC											
Well: KBL 1930 12H											
Field Name: Wattenberg											
Country Name: United States											
State Name: Colorado											
County Name: Weld											
Latitude: 40°07'17.782"N						API Number: 05-123-50886					
Longitude: 104°28'41.049"W						Rig Name: Precision Drilling 464					
Spud Date: 08-Aug-2021						Rig Type: Land					
Log Interval: 1780.00--14418.75(ft)						Job Number: 21CC00130					
Depth Source: Driller's Depth						Print Type: Final Print					
Log Measured From: Drill Floor						Northing: 1288791.77(ft)					
Drill Floor Elevation: 4881.00(ft)						Easting: 3285780.79(ft)					
Ground Level Elevation: 4860.00(ft)						NAD83 Colorado State					
Permanent Datum: Sea Level						Coordinate System: Plane, Northern Zone, US Feet					

Disclaimer

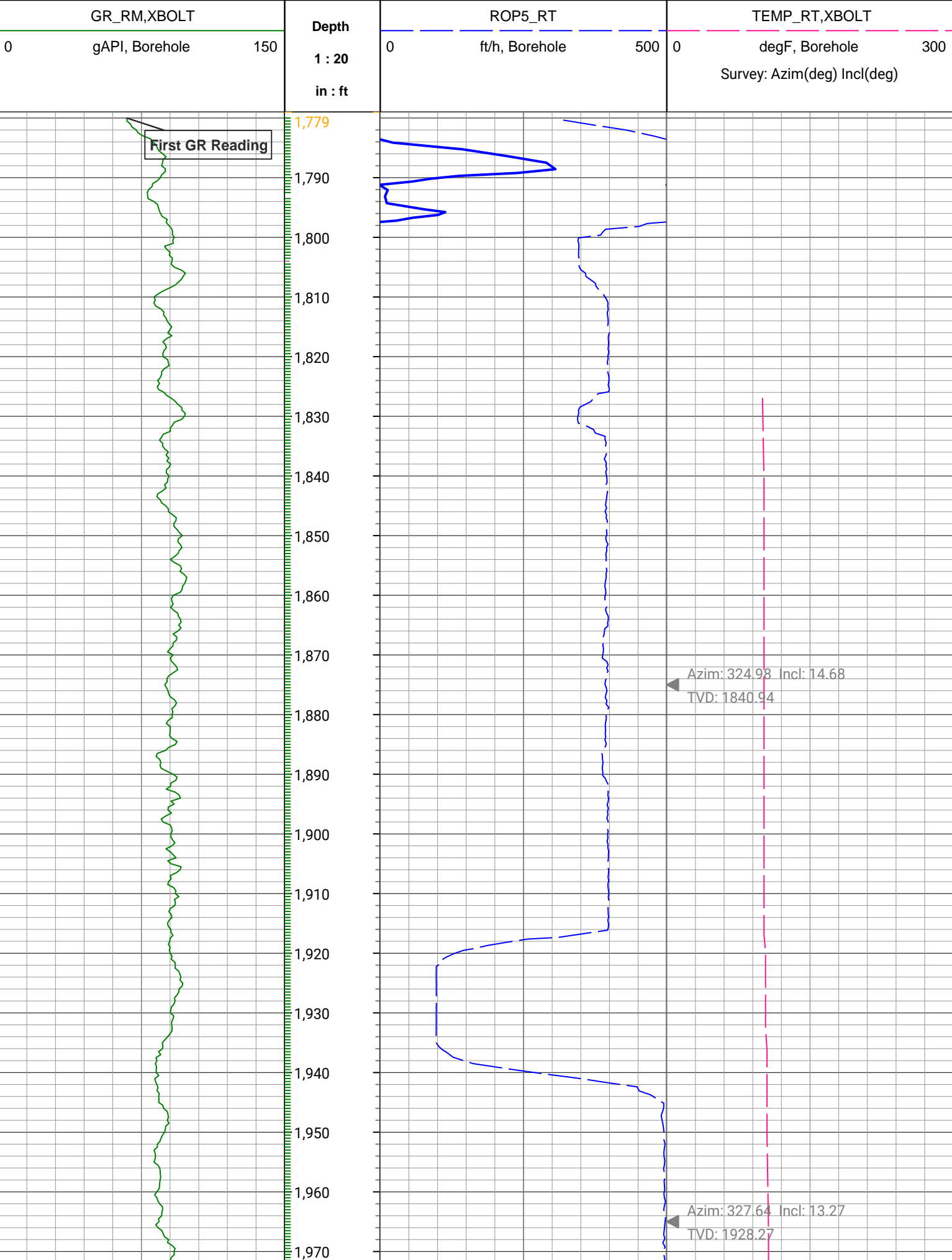
THE USE OF AND RELIANCE UPON THIS RECORDED-DATA BY THE HEREIN NAMED COMPANY (AND ANY OF ITS AFFILIATES, PARTNERS, REPRESENTATIVES, AGENTS, CONSULTANTS AND EMPLOYEES) IS SUBJECT TO THE TERMS AND CONDITIONS AGREED UPON BETWEEN SCHLUMBERGER AND THE COMPANY, INCLUDING: (a) RESTRICTIONS ON USE OF THE RECORDED-DATA; (b) DISCLAIMERS AND WAIVERS OF WARRANTIES AND REPRESENTATIONS REGARDING COMPANY'S USE AND RELIANCE UPON THE RECORDED-DATA; AND (c) CUSTOMER'S FULL AND SOLE RESPONSIBILITY FOR ANY INFERENCE DRAWN OR DECISION MADE IN CONNECTION WITH THE USE OF THIS RECORDED-DATA.

Operational Run Summary			
Notes			
Run 1 (Bit Size: 8.5 in)			
DateTime Log Started	09-Aug-2021 06:15:53	DateTime Log Finished	10-Aug-2021 18:50:47
Start Depth (ft)	1731	Stop Depth (ft)	8894
Mud Type	Oil Based Mud	Mud Density (lbm/gal)	9.3
Potassium (%)	0	Barite	Yes
GR Sensor Offset (ft)	24.63	Calibration Coefficient	0
DNI Sensor Offset (ft)	38.99		
Run 2 (Bit Size: 8.5 in)			
DateTime Log Started	10-Aug-2021 18:51:01	DateTime Log Finished	13-Aug-2021 09:21:40
Start Depth (ft)	8894	Stop Depth (ft)	14419
Mud Type	Oil Based Mud	Mud Density (lbm/gal)	9.3
Potassium (%)	0	Barite	Yes
GR Sensor Offset (ft)	24.41	Calibration Coefficient	0

DNI Sensor Offset (ft)38.77

Log

Description: XBOLT GAMMA RAYFormat: XBOLT_GR_DNI_VERDADIndex Scale: 5in/100ftIndex Unit: ftIndex Type: Measured DepthCreation Date: 13-Aug-2021



1,980
1,990
2,000
2,010
2,020
2,030
2,040
2,050
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

GR_RM,XBOLT



ROP5_RT



Azim: 327.72 Incl: 13.74
TVD: 2014.81

TEMP_RT,XBOLT

Azim: 325.41 Incl: 13.38
TVD: 2102.3



GR_RM,XBOLT



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
2,360
2,370
2,380
2,390
2,400
2,410
2,420
2,430

ROP5_RT



Azim: 327.74 Incl: 13.53
TVD: 2188.86

Azim: 327.58 Incl: 13.7
TVD: 2276.33

TEMP_RT,XBOLT



Azim: 328.41 Incl: 13.67
TVD: 2362.81

GR_RM,XBOLT



ROP5_RT



TEMP_RT,XBOLT



Azim: 326.09 Incl: 12.53
TVD: 2450.47

Azim: 325.79 Incl: 12.87
TVD: 2537.29

GR_RM,XBOLT



ROP5_RT



TEMP_RT,XBOLT



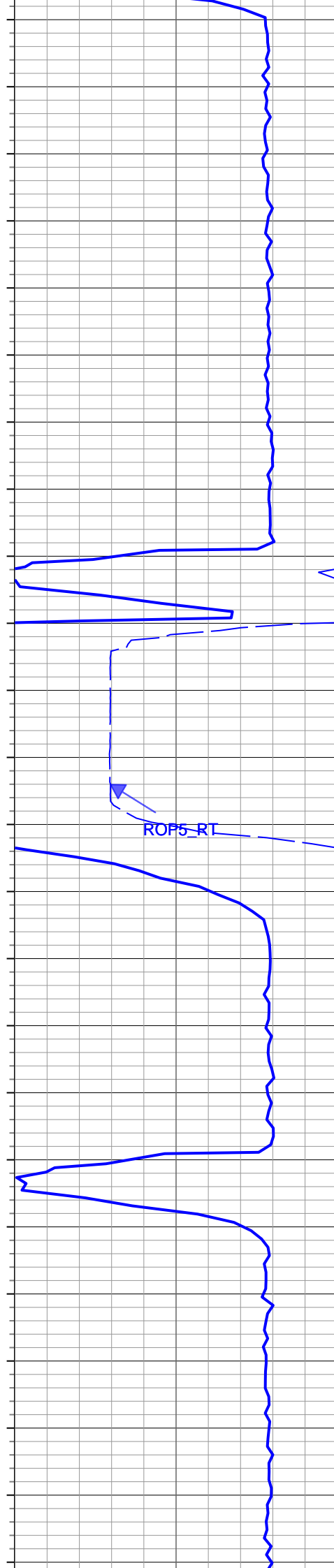
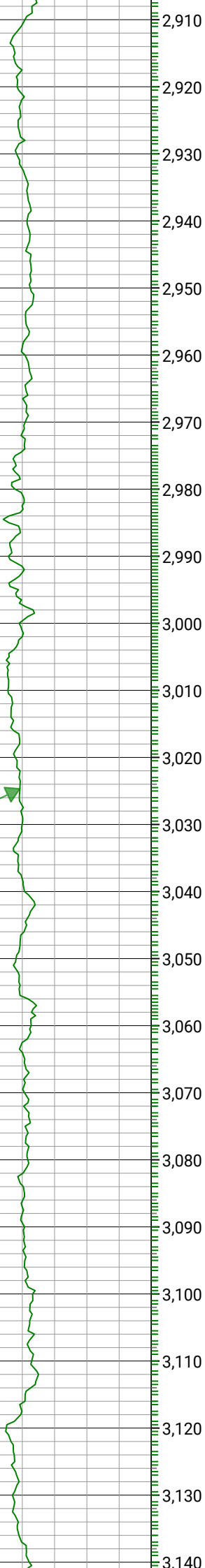
Azim: 329.04 Incl: 13.67
TVD: 2623.91

Azim: 327.57 Incl: 13.42
TVD: 2711.41

Azim: 327.35 Incl: 13.77
TVD: 2797.91

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
2,820
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2,840
2,850
2,860
2,870
2,880
2,890
2,900

GR_RM,XBOLT



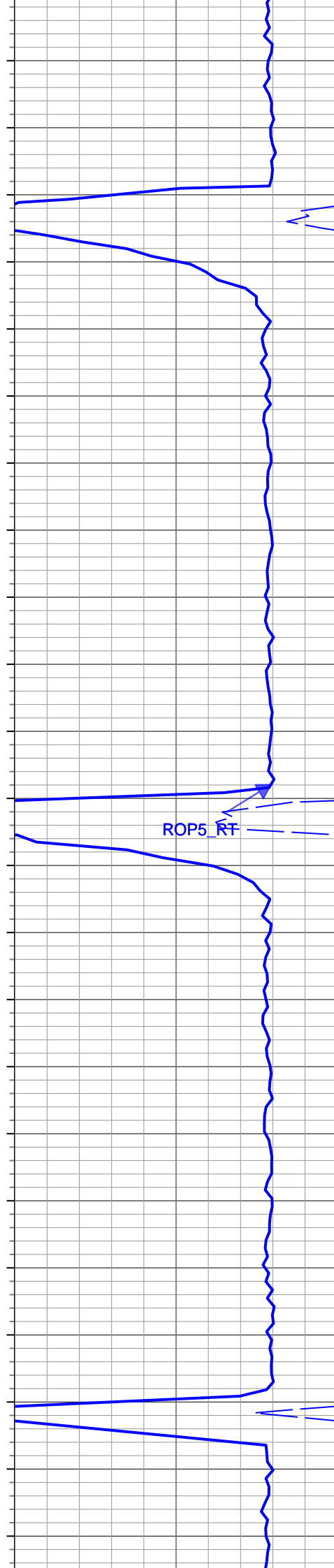
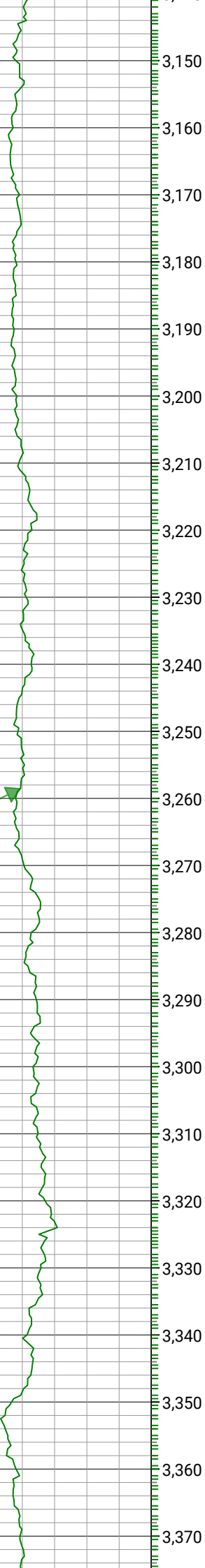
Azim: 327.65 Incl: 13.32
TVD: 2884.44

TEMP_RT,XBOLT

Azim: 330.07 Incl: 13.63
TVD: 2971.96

Azim: 327.3 Incl: 13.48
TVD: 3058.48

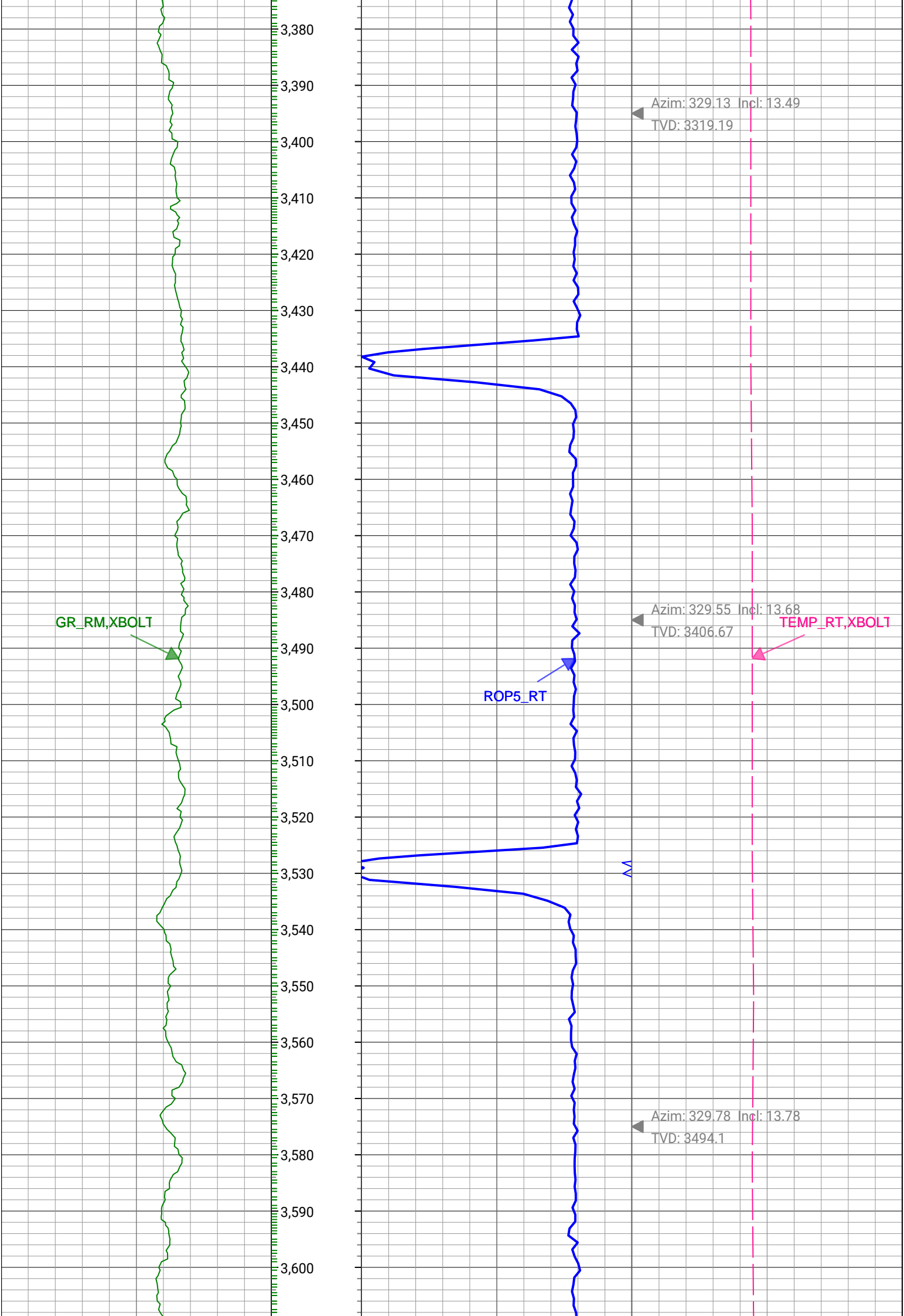
GR_RM,XBOLT



Azim: 330.67 Incl: 13.27
TVD: 3145.07

TEMP_RT,XBOLT

Azim: 329.94 Incl: 13.44
TVD: 3232.64



GR_RM,XBOLT

ROP5_RT

TEMP_RT,XBOLT

Azim: 328.82 Incl: 13.83
TVD: 3580.53

Azim: 331.72 Incl: 13.06
TVD: 3667.09

Azim: 329.41 Incl: 13.61

3,850
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
3,990
4,000
4,010
4,020
4,030
4,040
4,050
4,060
4,070

GR_RM,XBOLT



ROP5_RT



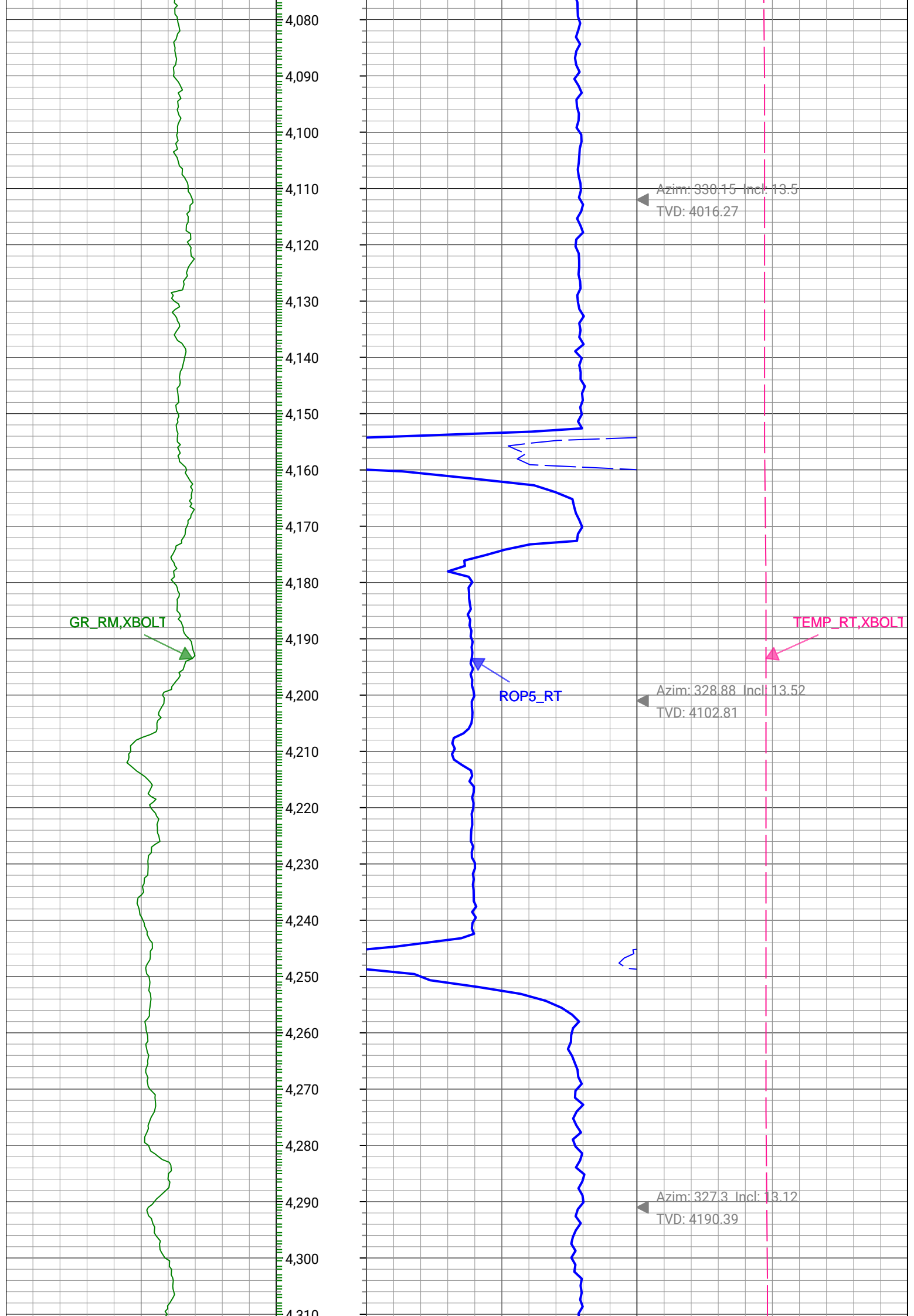
TVD: 3754.66

Azim: 327.35 Incr: 13.57
TVD: 3842.14

TEMP_RT,XBOLT



Azim: 328.75 Incr: 13.27
TVD: 3928.71



GR_RM,XBOLT



ROP5_RT

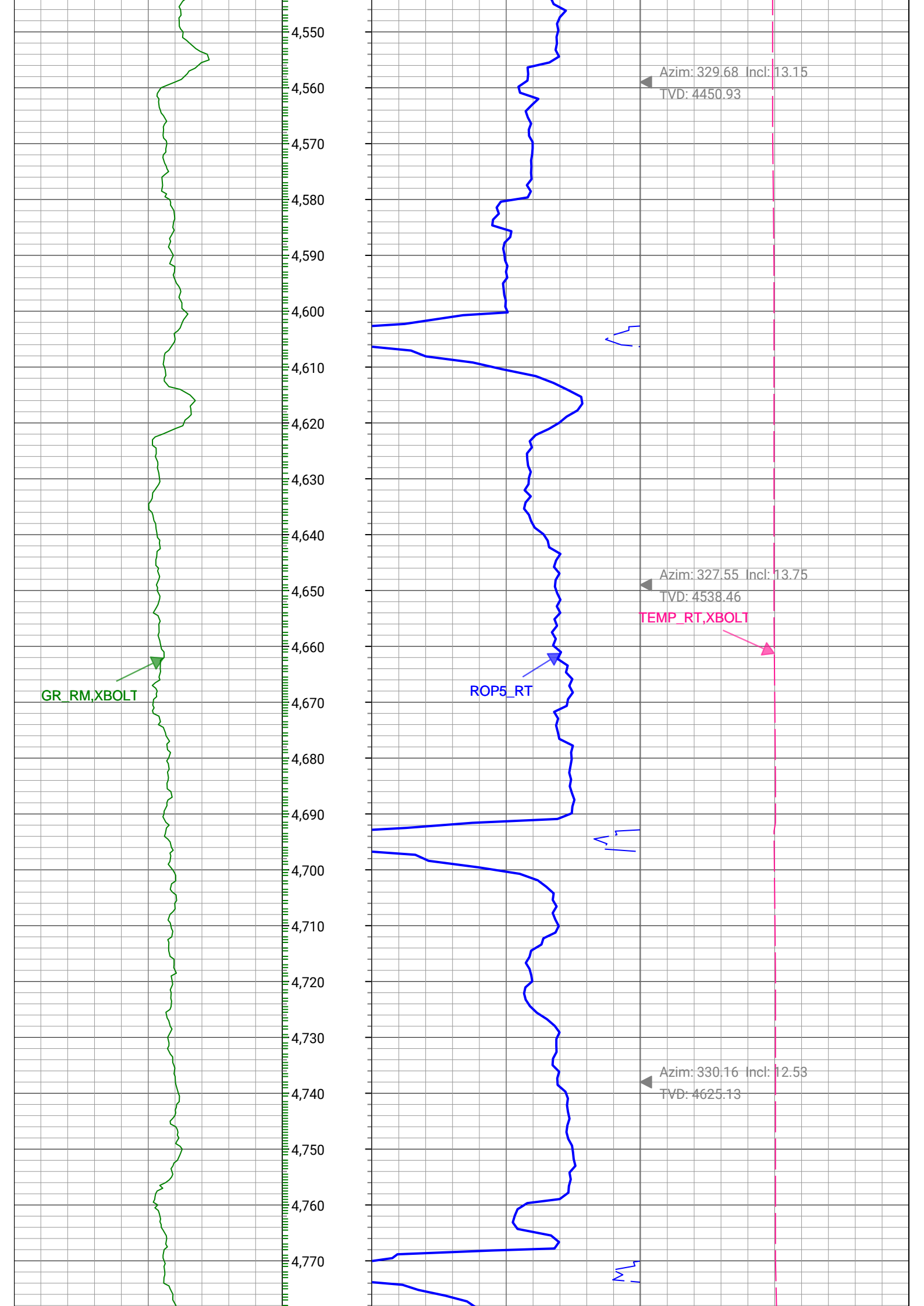


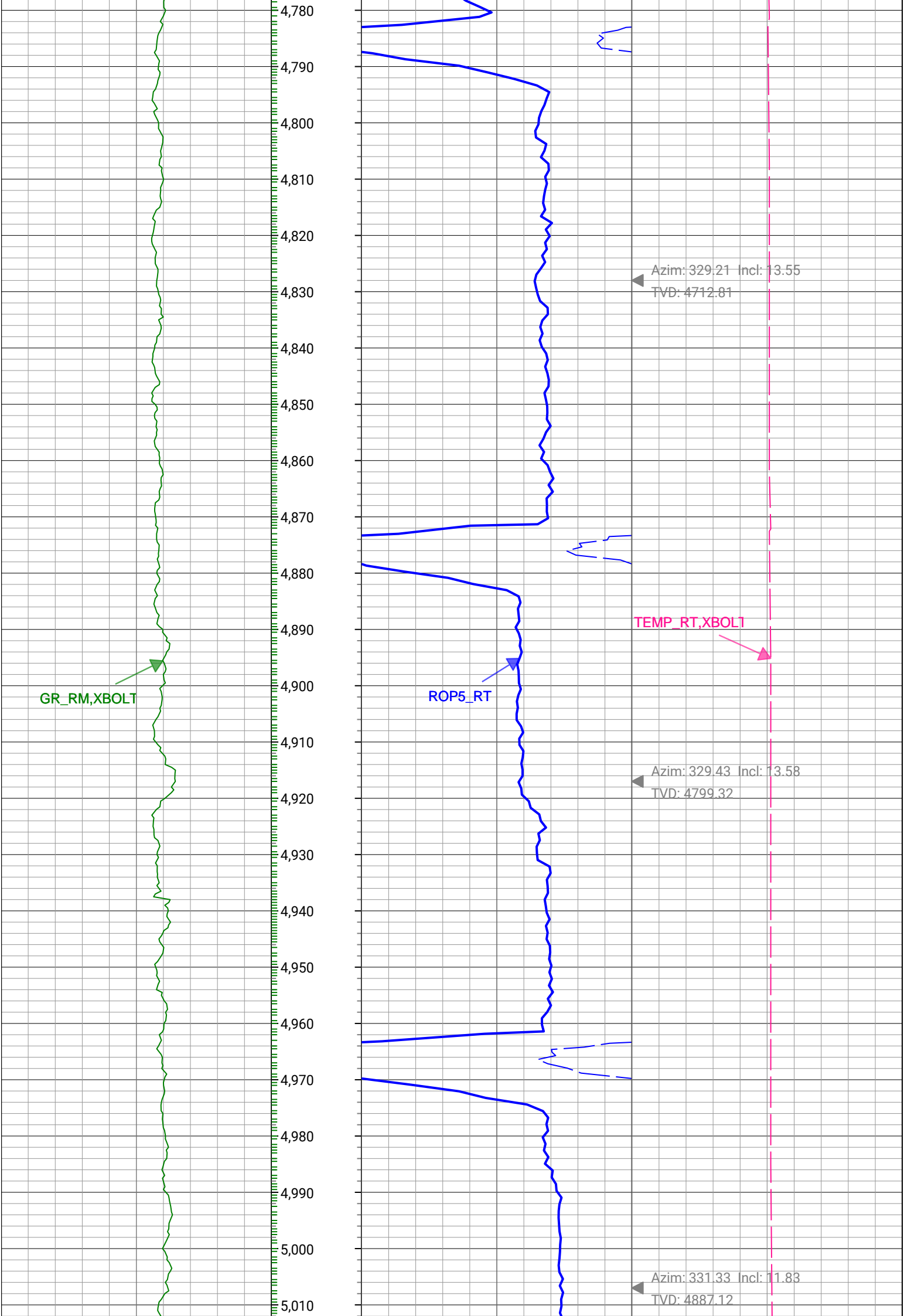
TEMP_RT,XBOLT



Azim: 330.28 Incl: 13.6
TVD: 4276.98

Azim: 329.56 Incl: 13.91
TVD: 4364.4





GR_RM,XBOLT

ROP5_RT

TEMP_RT,XBOLT

Azim: 329.21 Incl: 13.55
TVD: 4712.81

Azim: 329.43 Incl: 13.58
TVD: 4799.32

Azim: 331.33 Incl: 11.83
TVD: 4887.12

5,020
5,030
5,040
5,050
5,060
5,070
5,080
5,090
5,100
5,110
5,120
5,130
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5,180
5,190
5,200
5,210
5,220
5,230
5,240

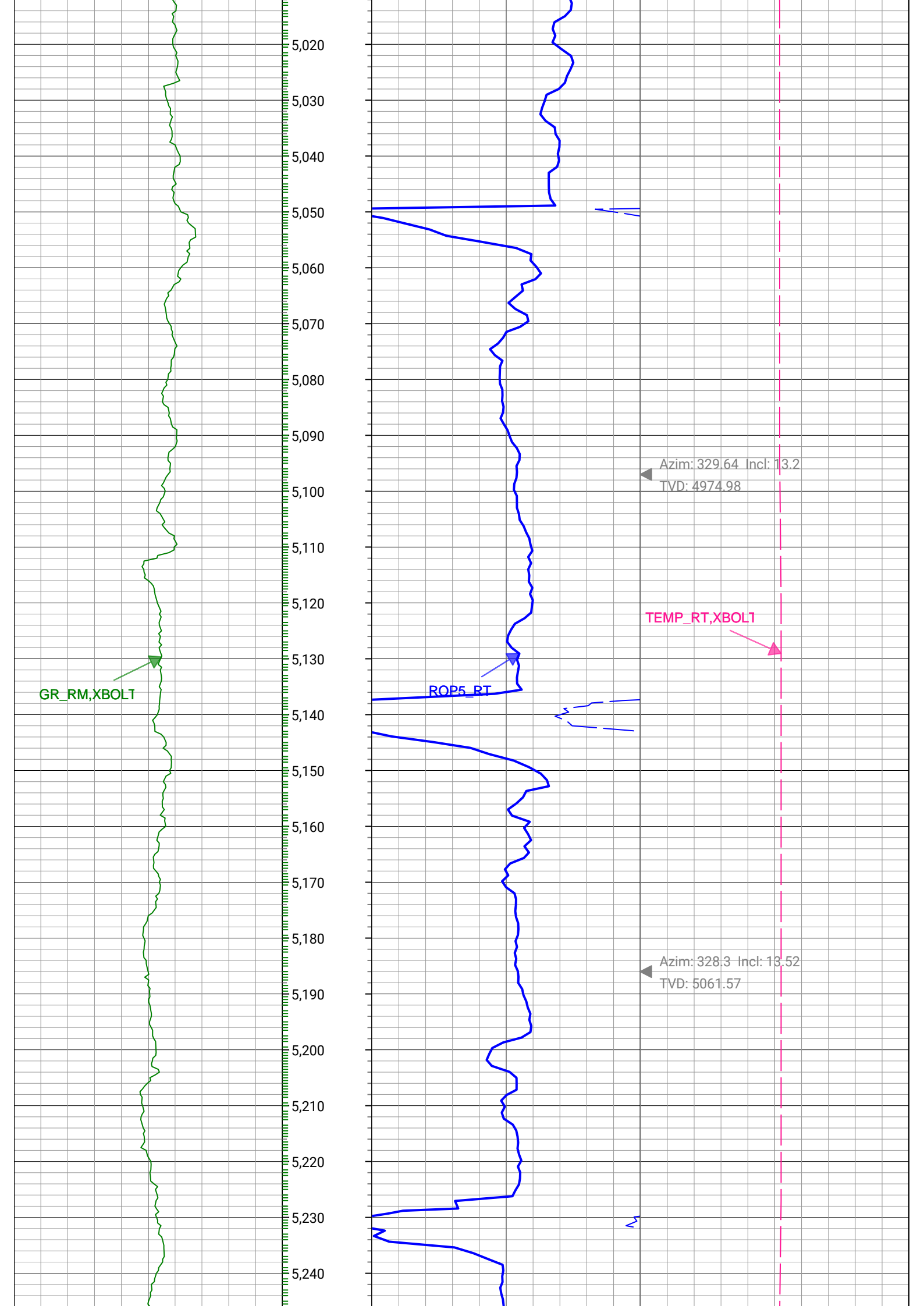
GR_RM,XBOLT

ROP5_RT

Azim: 329.64 Incl: 13.2
TVD: 4974.98

TEMP_RT,XBOLT1

Azim: 328.3 Incl: 13.52
TVD: 5061.57



GR_RM,XBOLT

ROP5_RT

TEMP_RT,XBOLT1

Azim: 329.08 Incl: 13.45
TVD: 5235.7

Azim: 329.16 Incl: 13.28
TVD: 5148.14

Azim: 329.36 Incl: 12.97
TVD: 5322.35

GR_RM,XBOLT

ROP5_RT

TEMP_RT,XBOLT

Azim: 327.98 Incl: 13.41
TVD: 5409.97

Azim: 328.44 Incl: 13.51
TVD: 5496.53

GR_RM,XBOLT



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
5,860
5,870
5,880
5,890
5,900
5,910
5,920
5,930
5,940

◀ Azim: 329.01 Incl: 13.32
TVD: 5583.1

◀ Azim: 328.98 Incl: 13.5
TVD: 5670.65

ROP5_RT

TEMP_RT,XBOLT



◀ Azim: 327.68 Incl: 12.98
TVD: 5757.28

GR_RM,XBOLT

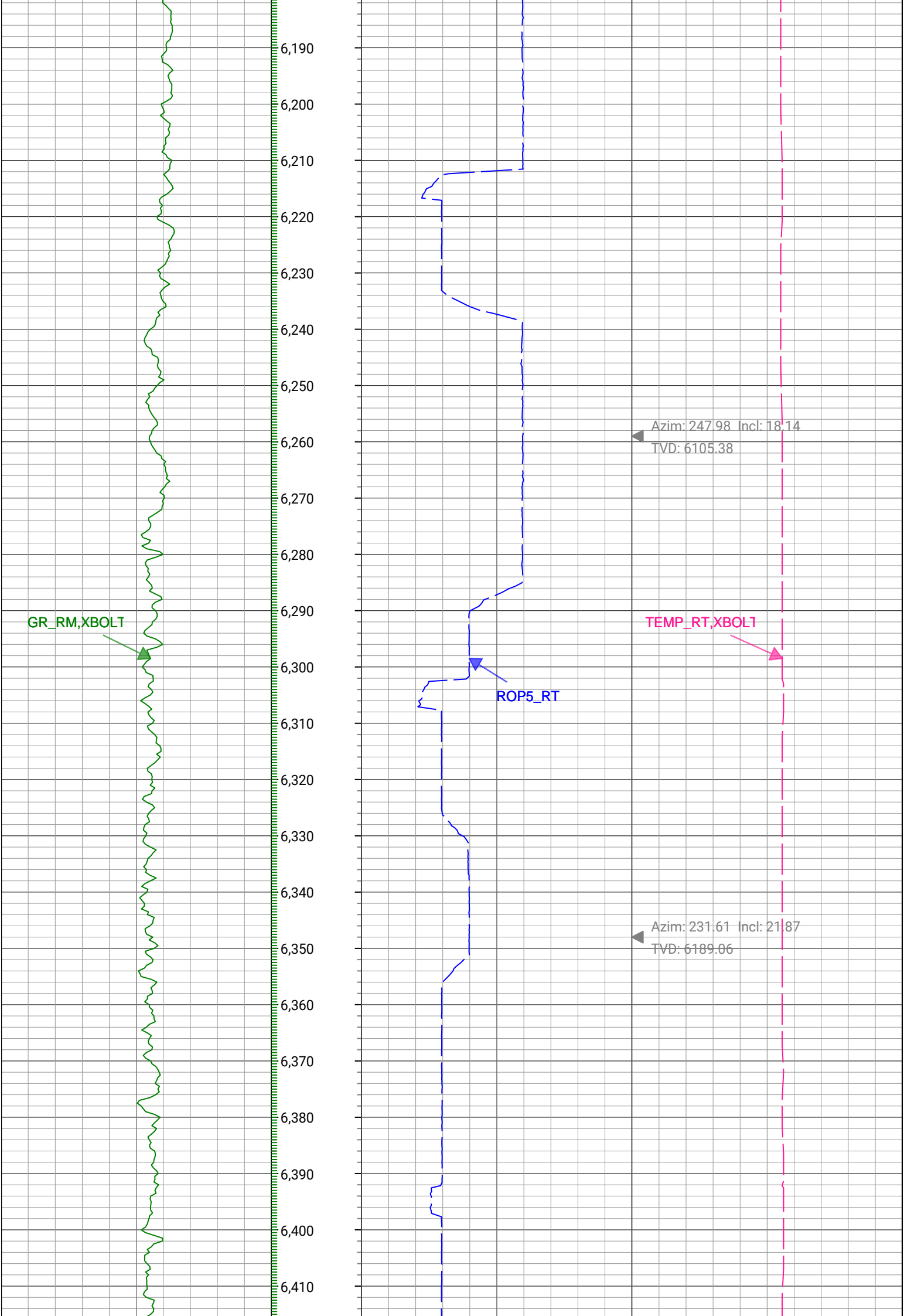
Azim: 325.4 Incl: 13.01
TVD: 5844

TEMP_RT,XBOLT

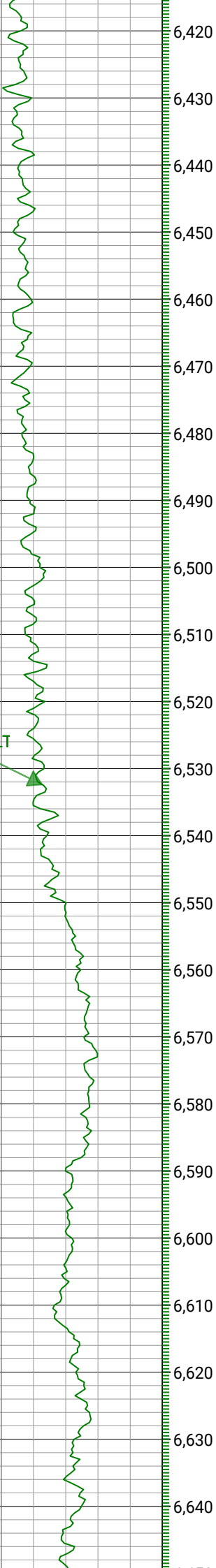
ROP5_RT

Azim: 298.88 Incl: 11.33
TVD: 5932.05

Azim: 262.44 Incl: 14.32
TVD: 6018.95

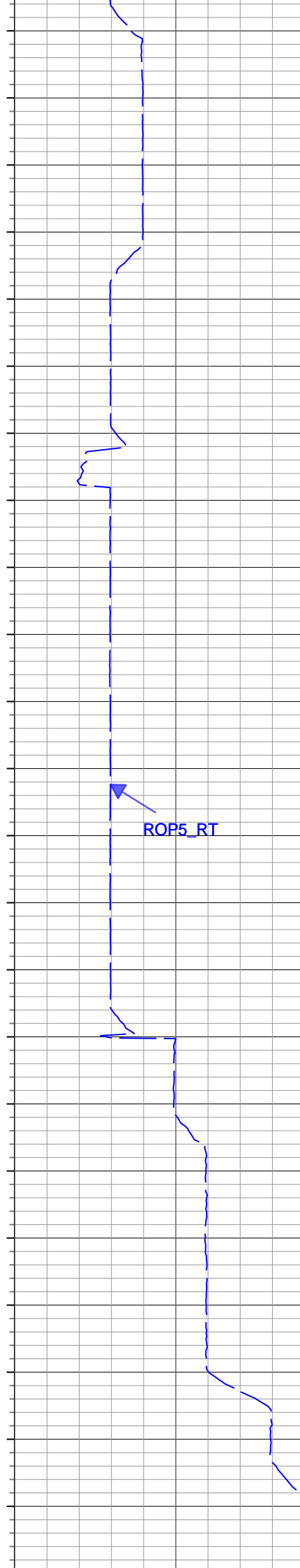


GR_RM,XBOLT



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
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6,570
6,580
6,590
6,600
6,610
6,620
6,630
6,640

ROP5_RT



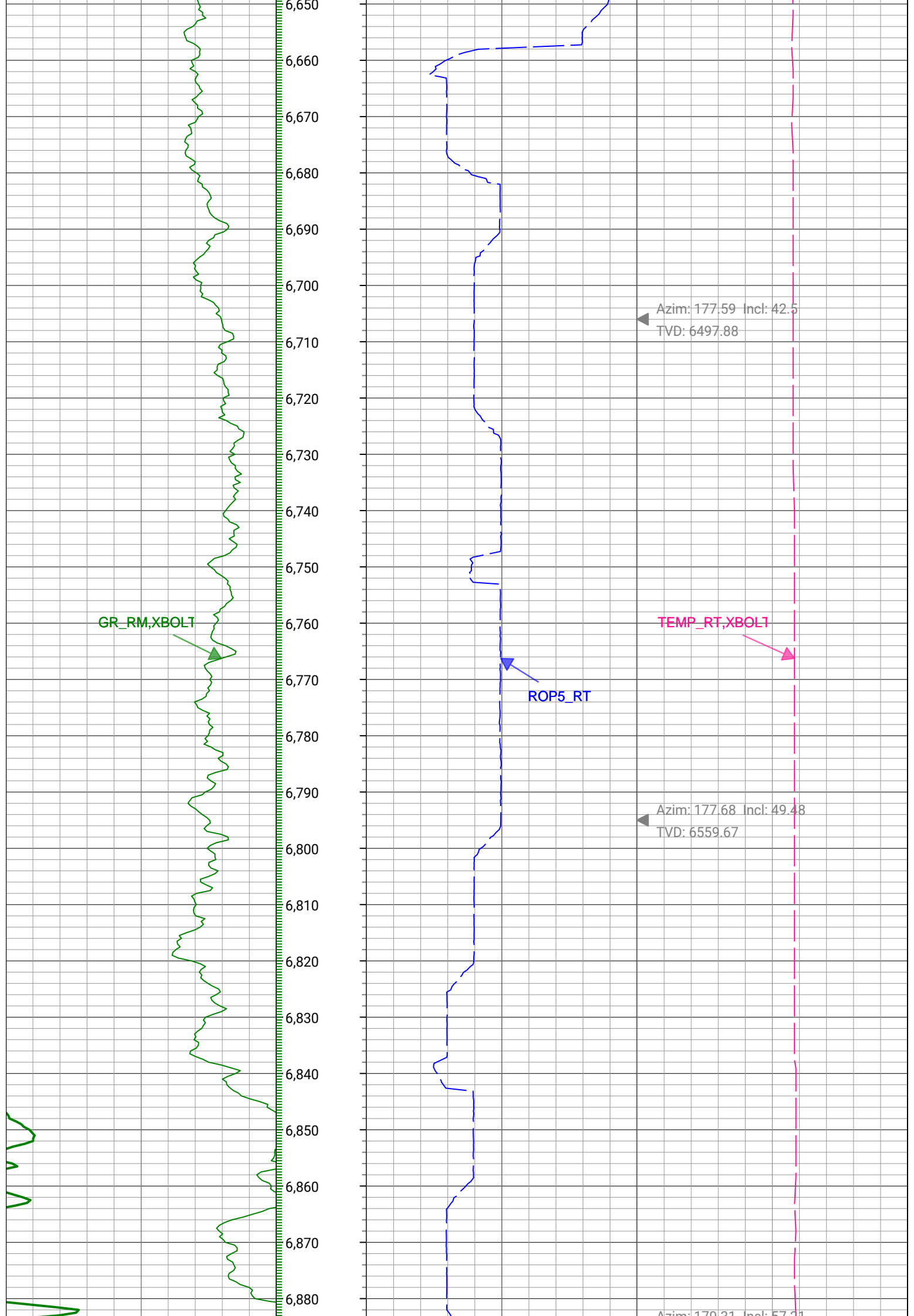
Azim: 208.63 Incl: 22.99
TVD: 6272.41

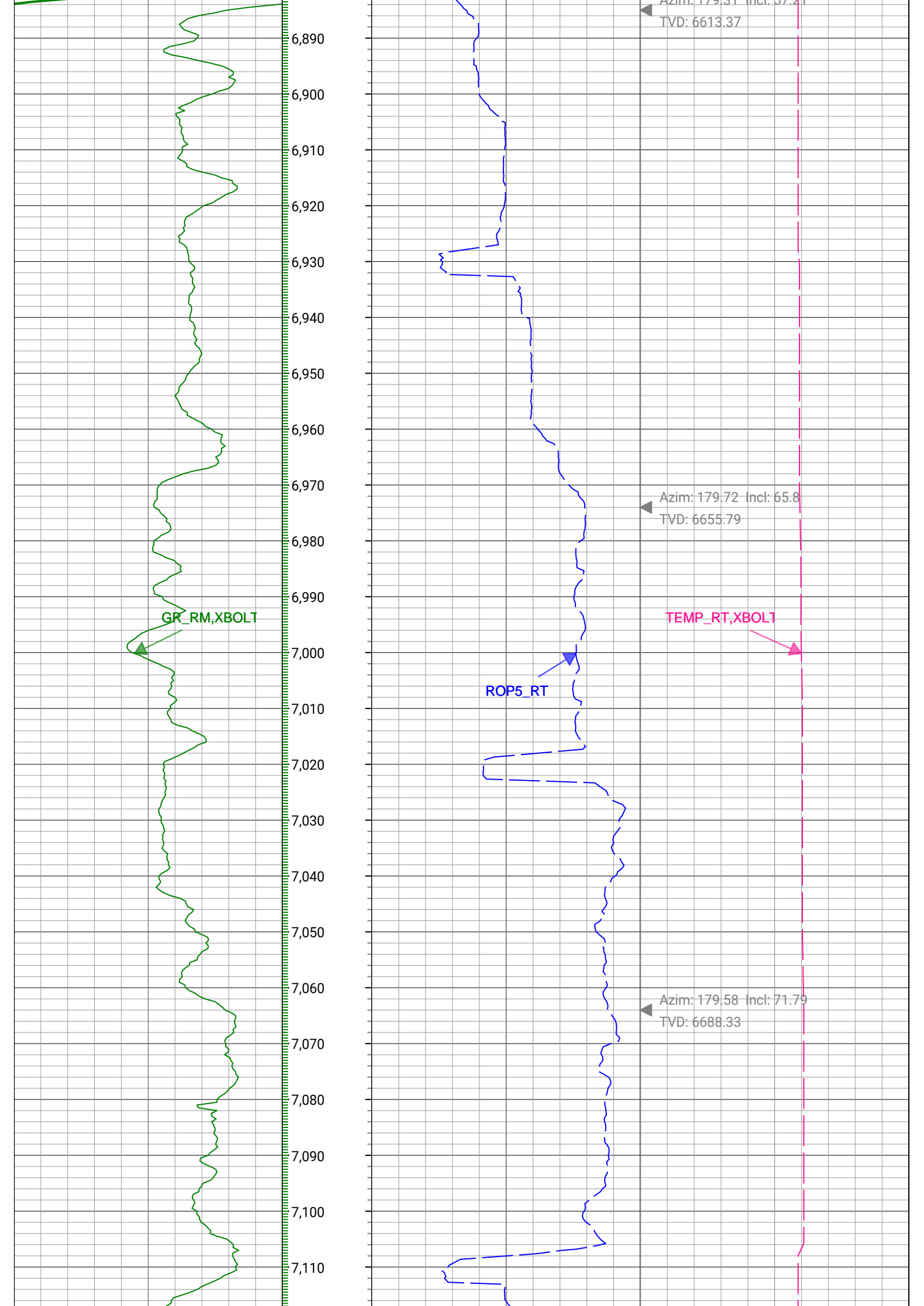
Azim: 191.31 Incl: 28.25
TVD: 6352.75

Azim: 182.36 Incl: 35.98
TVD: 6428.97

TEMP_RT,XBOLT







GR_RM,XBOLT



ROP5_RT



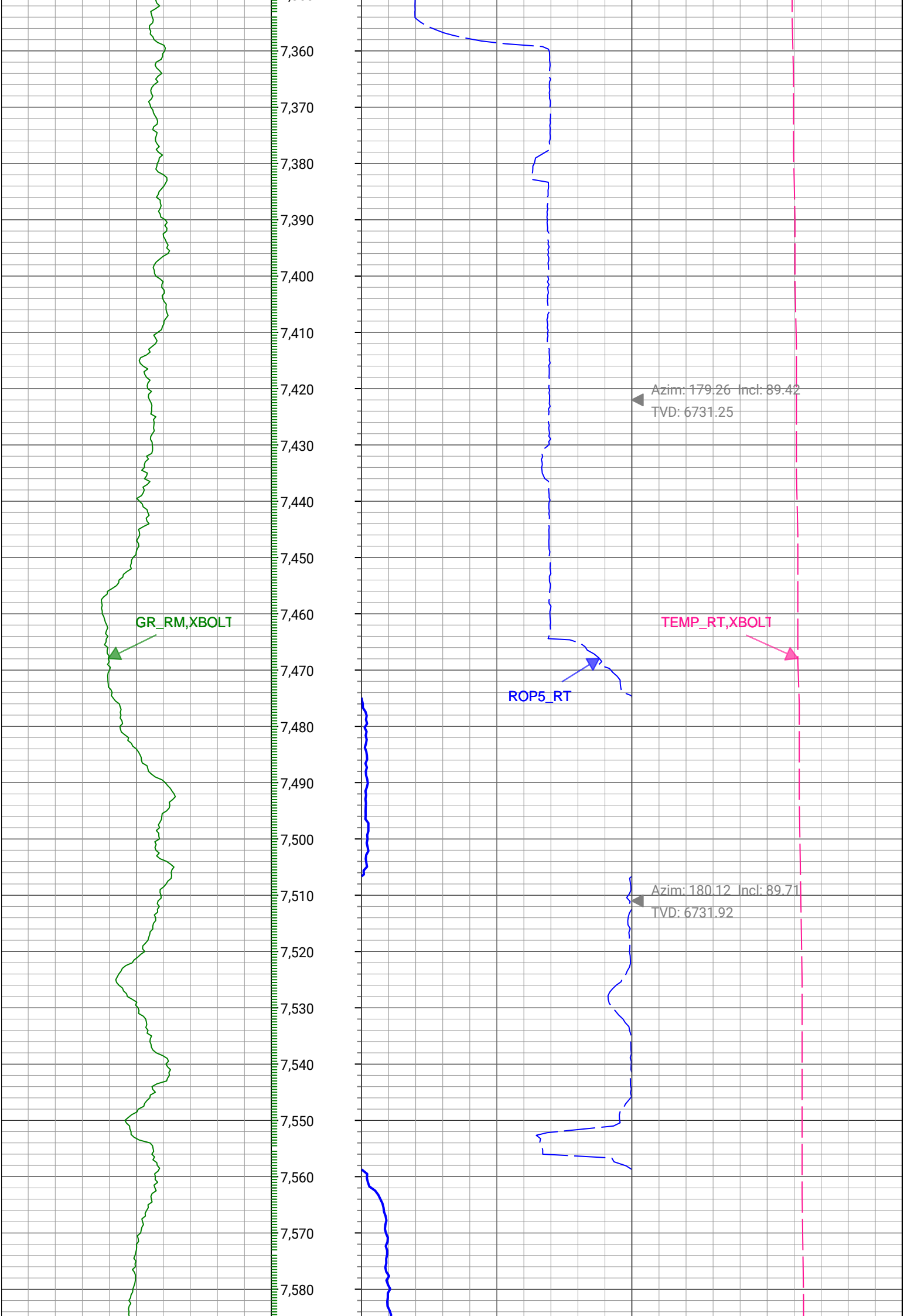
TEMP_RT,XBOLT



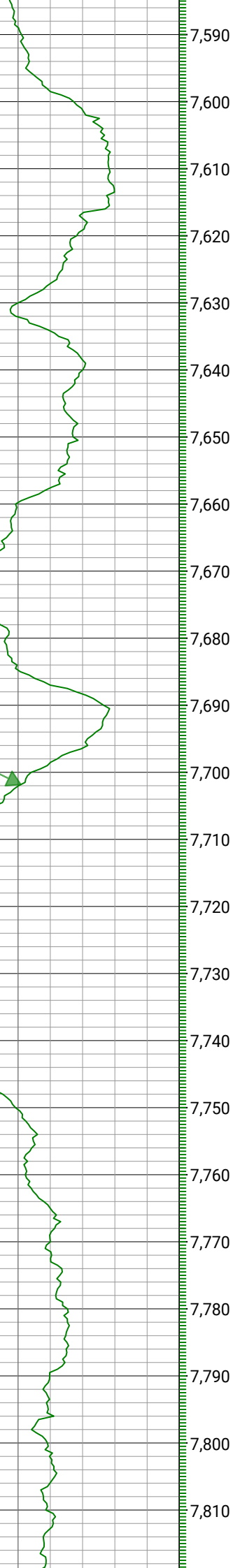
Azim: 179.97 Incl: 78.65
TVD: 6711.02

Azim: 180.57 Incl: 84.82
TVD: 6723.81

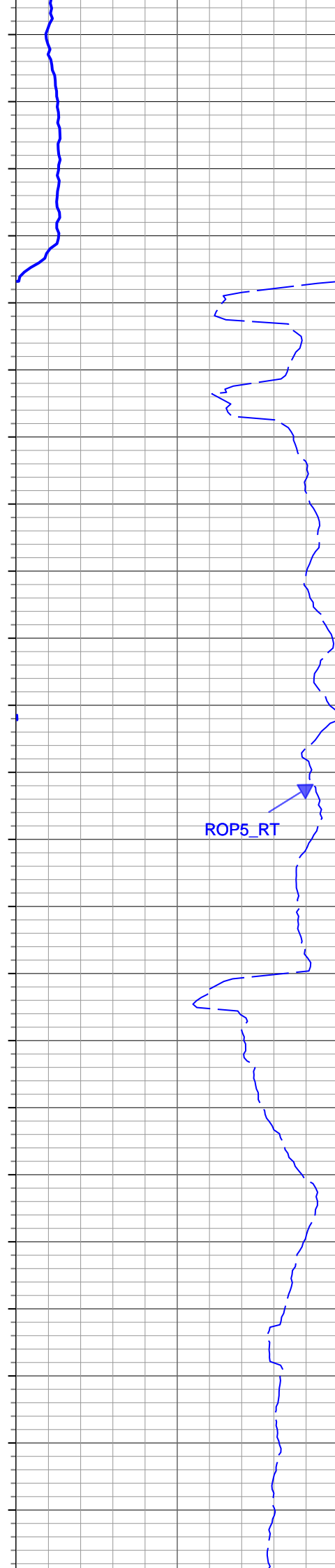
Azim: 181.57 Incl: 88.14
TVD: 6729.34



GR_RM,XBOLT



ROP5_RT

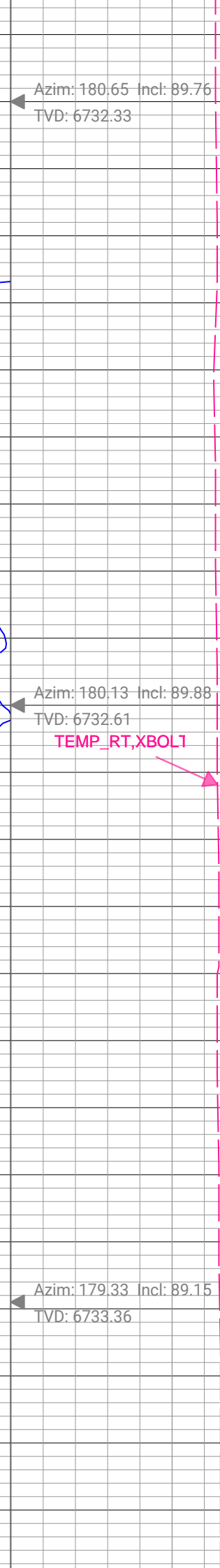


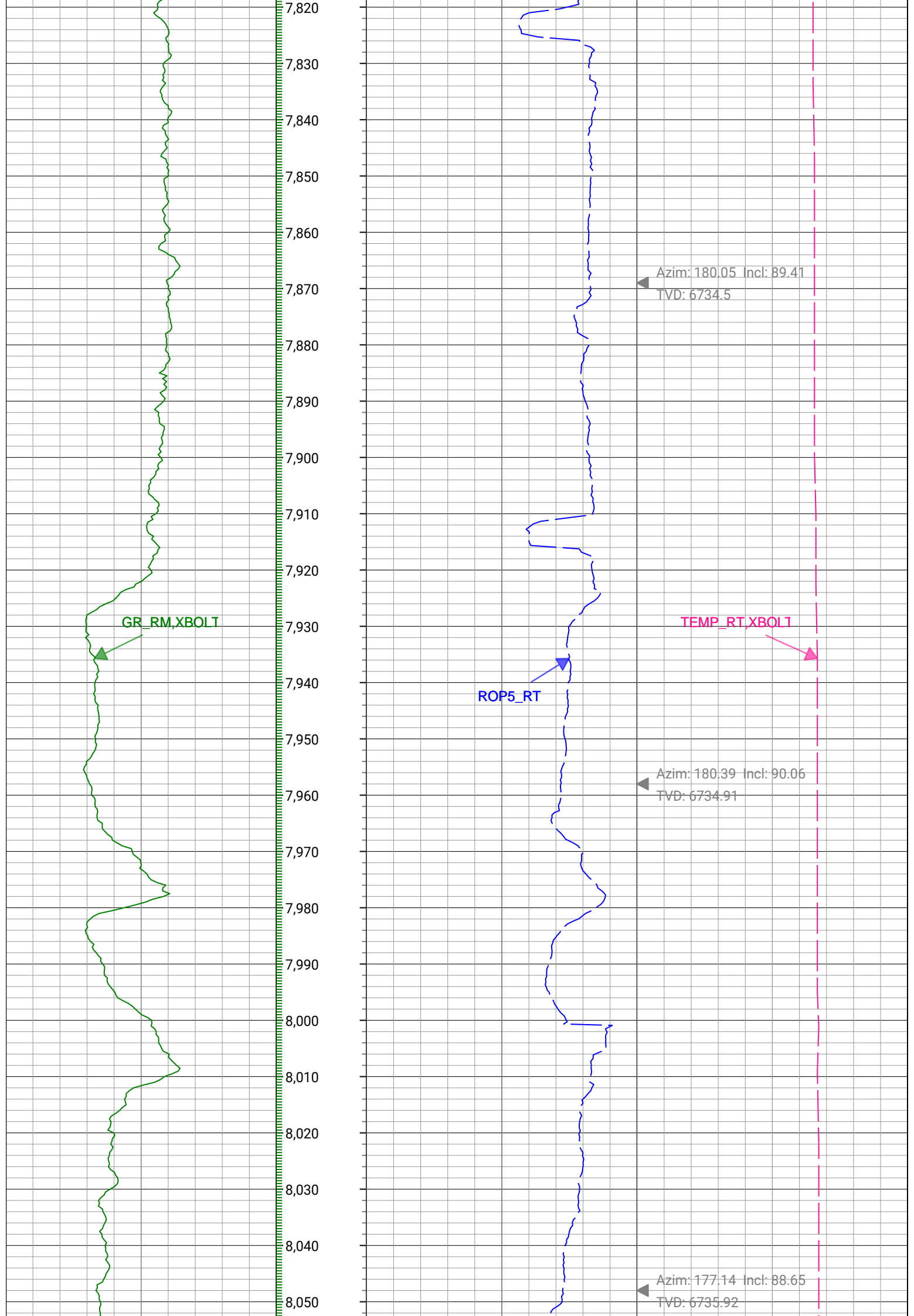
Azim: 180.65 Incl: 89.76
TVD: 6732.33

Azim: 180.13 Incl: 89.88
TVD: 6732.61

TEMP_RT,XBOLT

Azim: 179.33 Incl: 89.15
TVD: 6733.36





GR_RM.XBOLT



ROP5_RT

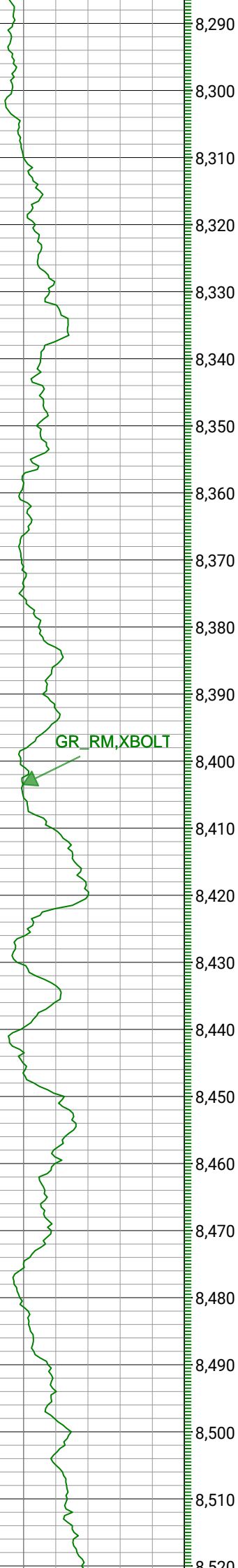


TEMP_RT.XBOLT

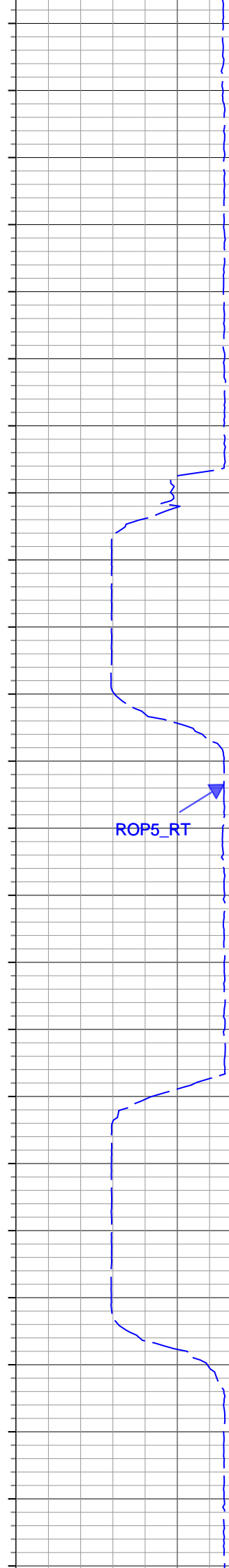


Azim: 176.57 Incl: 90.33
TVD: 6736.72

Azim: 177.13 Incl: 89.29
TVD: 6737.03



GR_RM, XBOLT



ROP5_RT



Azim: 176.24 Incl: 89.44
TVD: 6738.02



TEMP_RT, XBOLT



Azim: 176.86 Incl: 89.3
TVD: 6739.01



Azim: 178.46 Incl: 89.49
TVD: 6739.95



GR_RM,XBOLT



ROP5_RT

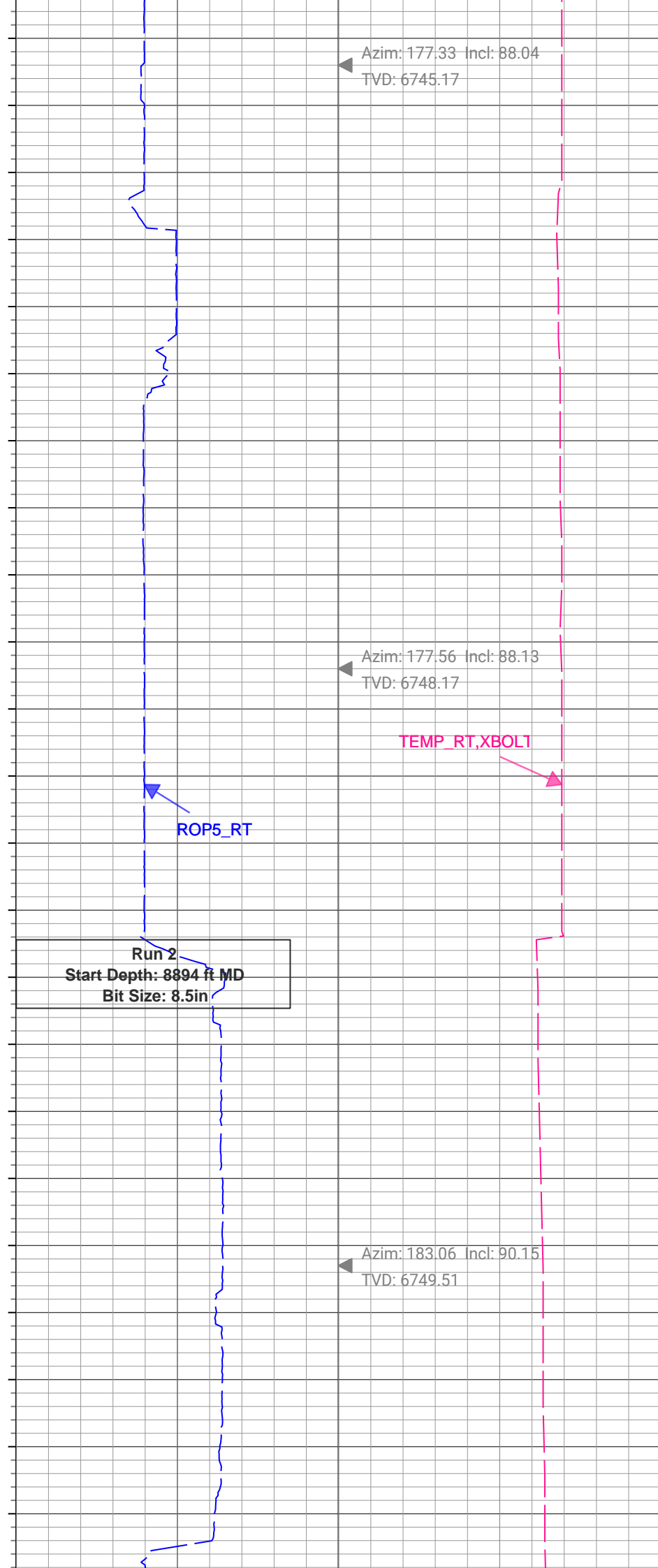
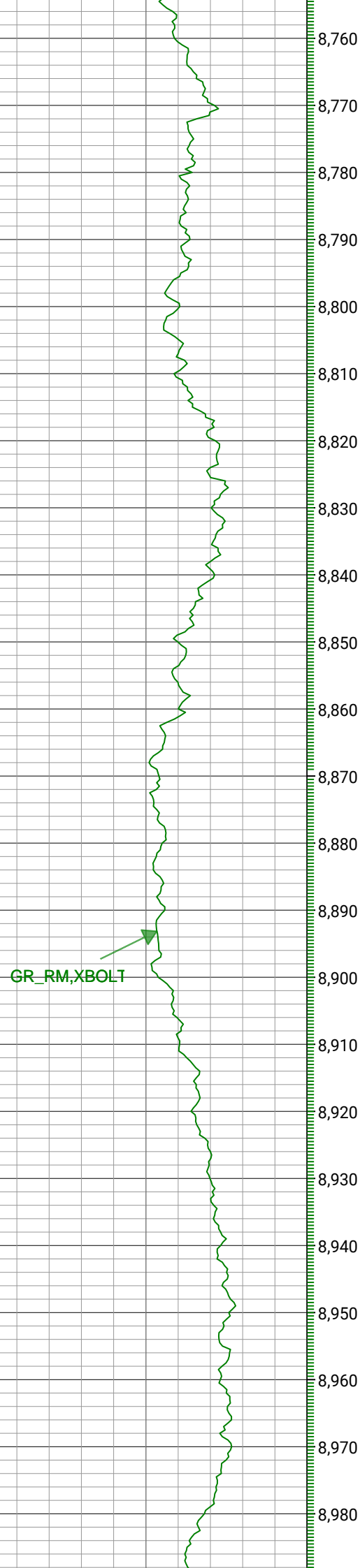


TEMP_RT,XBOLT



Azim: 179.5 Incl: 89.35
TVD: 6740.86

Azim: 177.66 Incl: 88.54
TVD: 6742.52



GR_RM.XBOLT



TEMP_RT.XBOLT



ROP5_RT



Azim: 190.31 Incl: 89.92
TVD: 6749.46

Azim: 182.73 Incl: 90.73
TVD: 6748.95

Azim: 181.04 Incl: 89.68
TVD: 6748.63

GR_RM,XBOLT



ROP5_RT



TEMP_RT,XBOLT



Azim: 181.13 Incl: 89.39
TVD: 6749.35

Azim: 182.01 Incl: 89.91
TVD: 6749.9

GR_RM,XBOLT



ROP5_RT



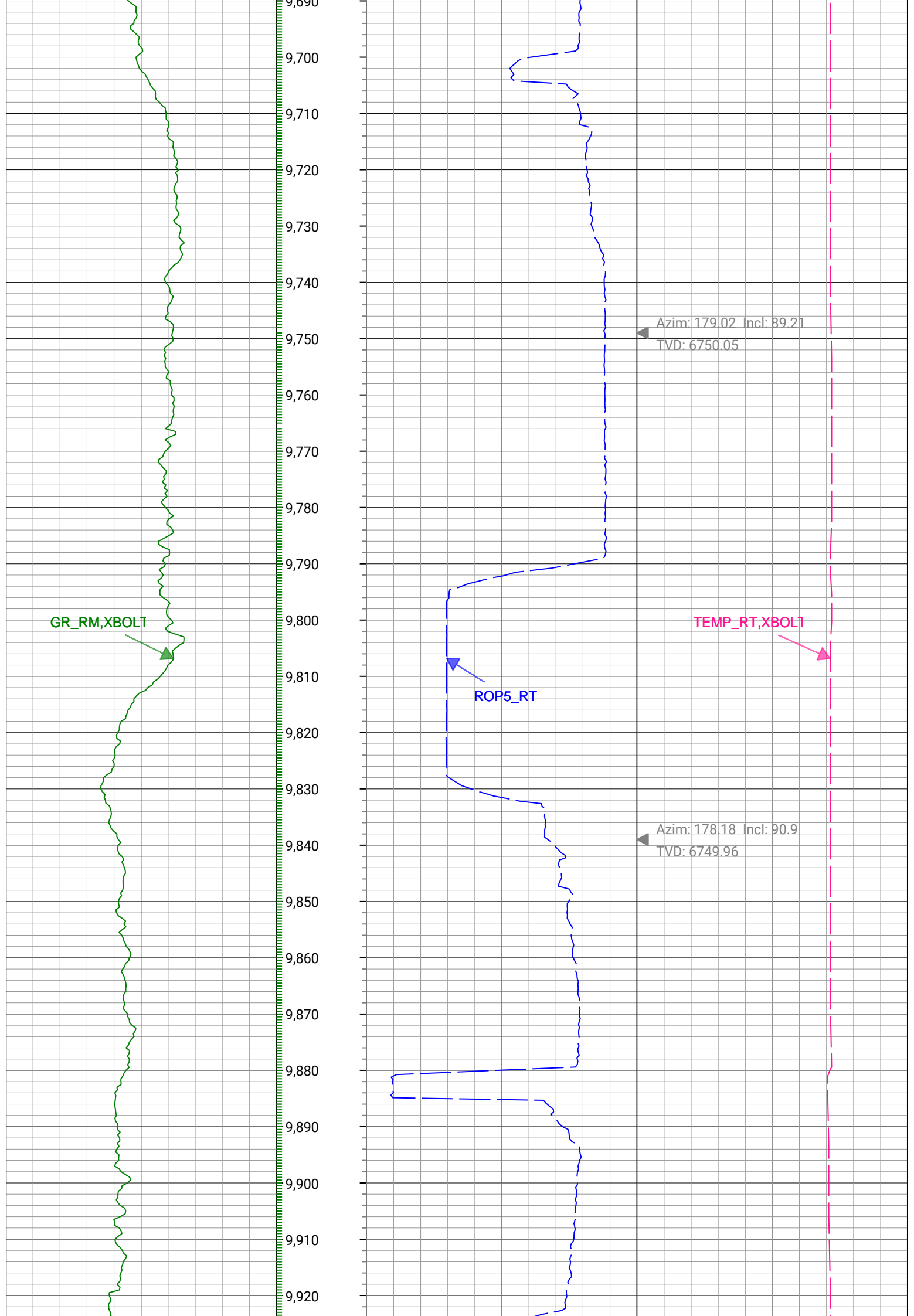
TEMP_RT,XBOLT1

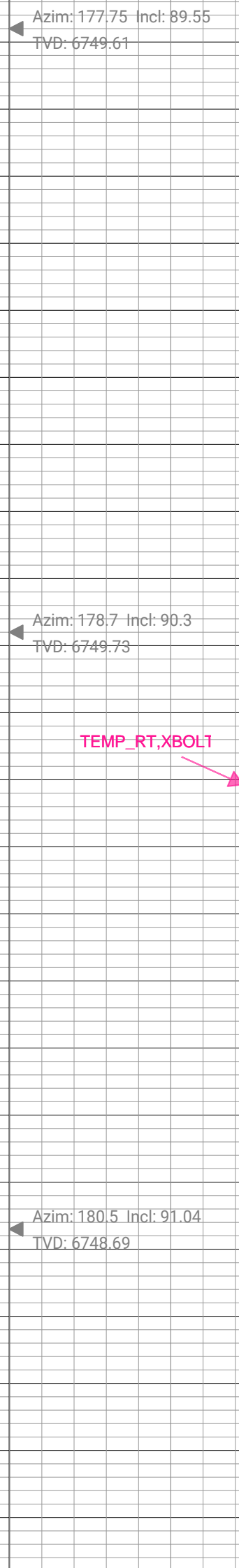
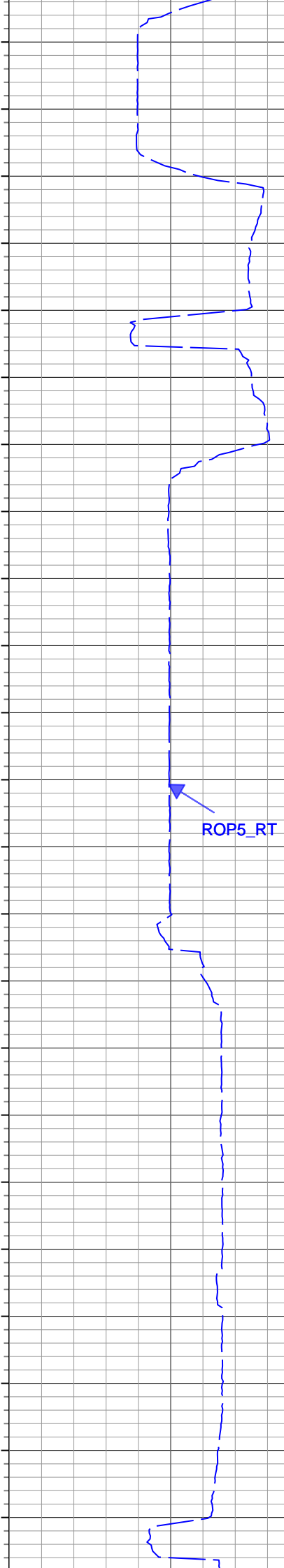
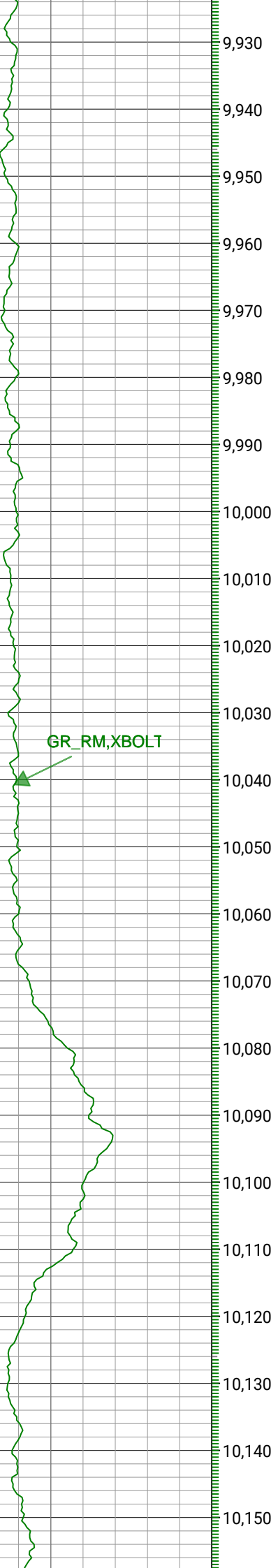


Azim: 180.6 Incl: 90.71
TVD: 6749.42

Azim: 181.79 Incl: 90.36
TVD: 6748.58

Azim: 178.64 Incl: 89.27
TVD: 6748.86





GR_RM, XBOLT

ROP5_RT

TEMP_RT, XBOLT

Azim: 177.75 Incl: 89.55
TVD: 6749.61

Azim: 178.7 Incl: 90.3
TVD: 6749.73

Azim: 180.5 Incl: 91.04
TVD: 6748.69

GR_RM,XBOLT



ROP5_RT



TEMP_RT,XBOLT



Azim: 179.94 Incl: 89.21
TVD: 6748.49

Azim: 177.45 Incl: 89.23
TVD: 6749.71

Azim: 179.39 Incl: 90.76
TVD: 6749.71

GR_RM,XBOLT



ROP5_RT

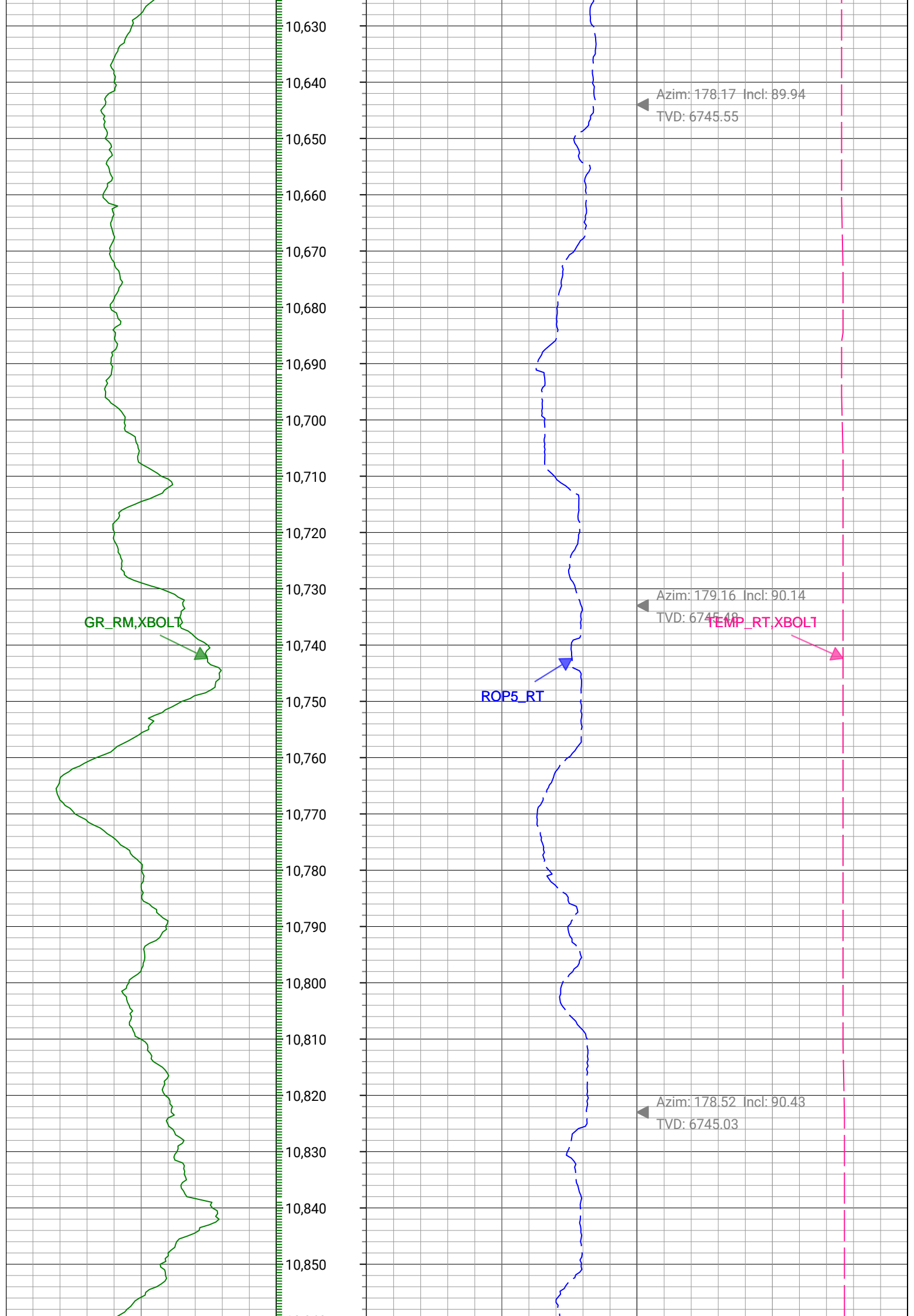


TEMP_RT,XBOLT



Azim: 177.71 Incl: 91.17
TVD: 6748.22

Azim: 181.39 Incl: 91.15
TVD: 6746.4



GR_RM,XBOLT



ROP5_RT

TEMP_RT,XBOLT

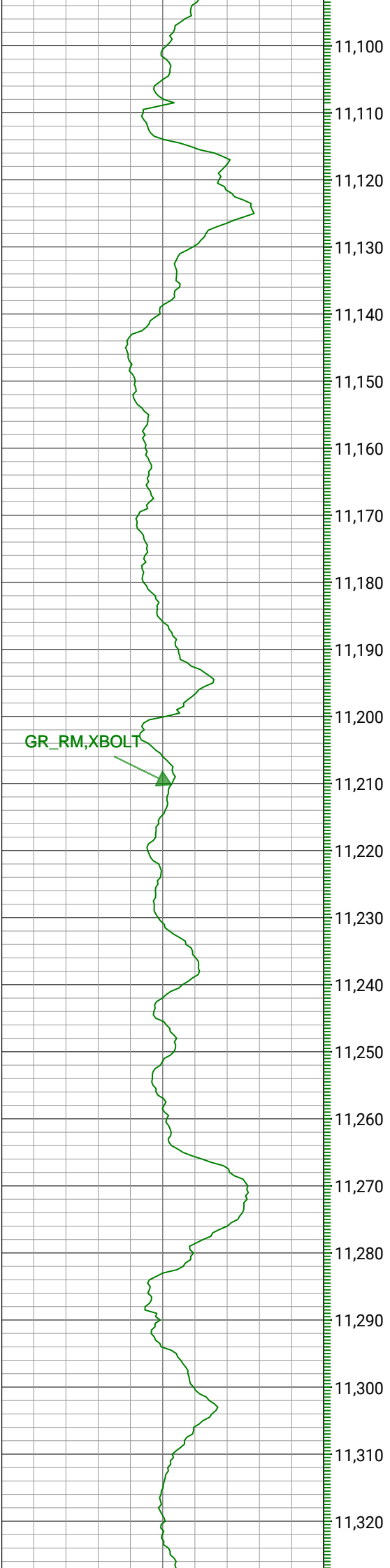


Azim: 178.42 Incl: 87
TVD: 6747.06

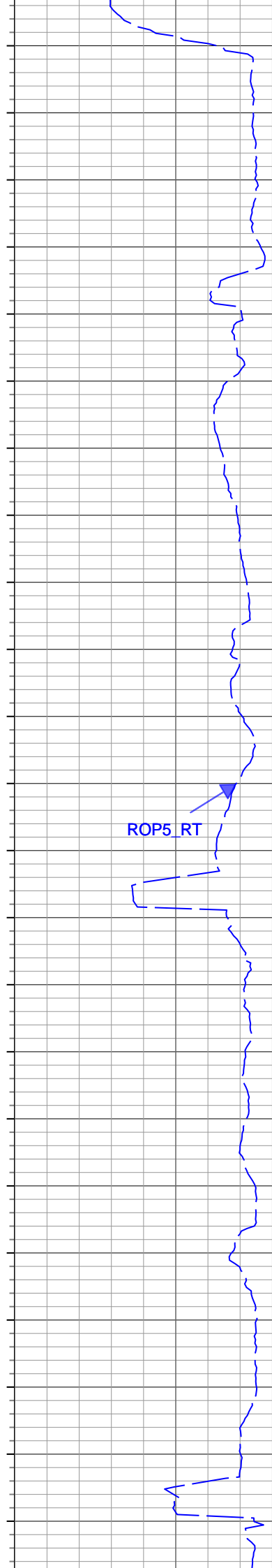
Azim: 178.26 Incl: 90.88
TVD: 6748.71

Azim: 178.62 Incl: 90.79
TVD: 6747.41

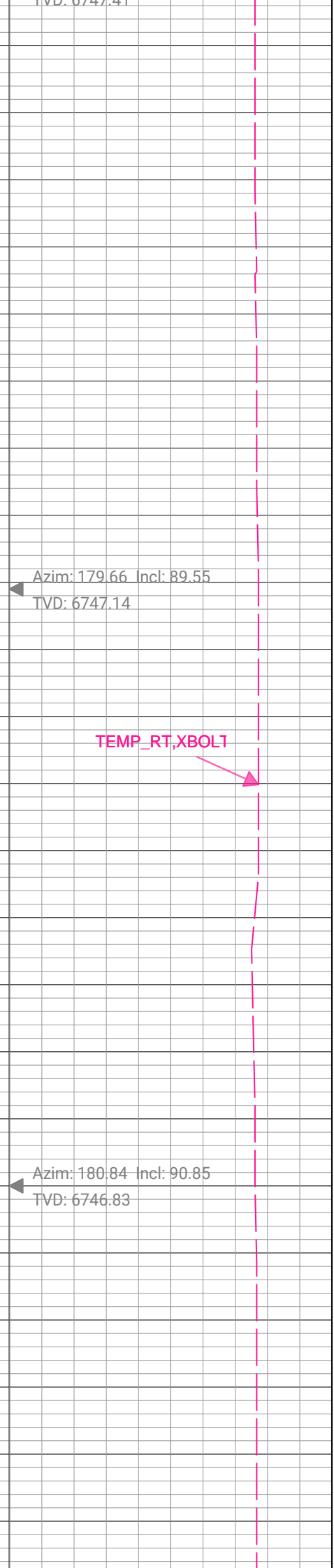
GR_RM,XBOLT



ROP5_RT

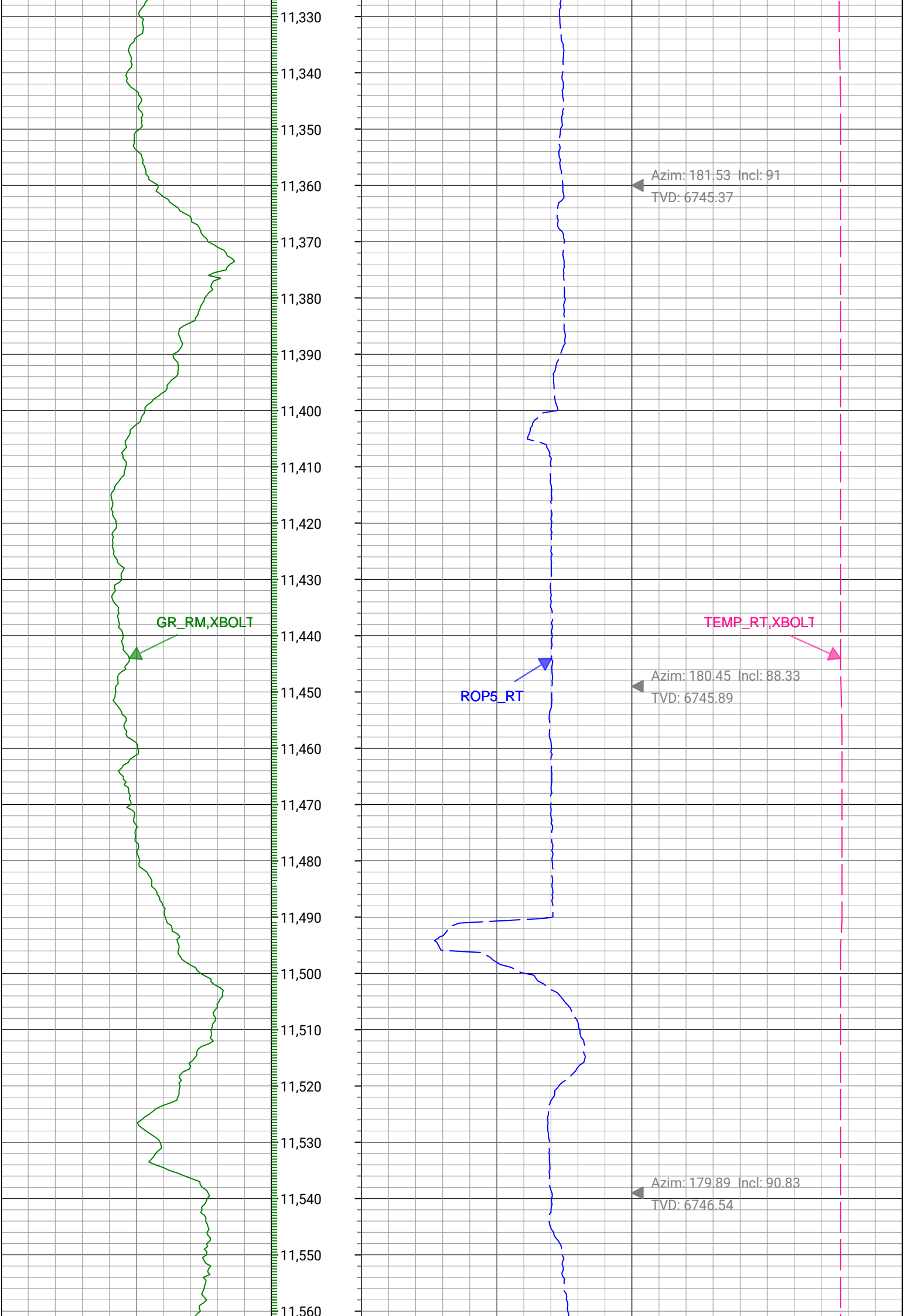


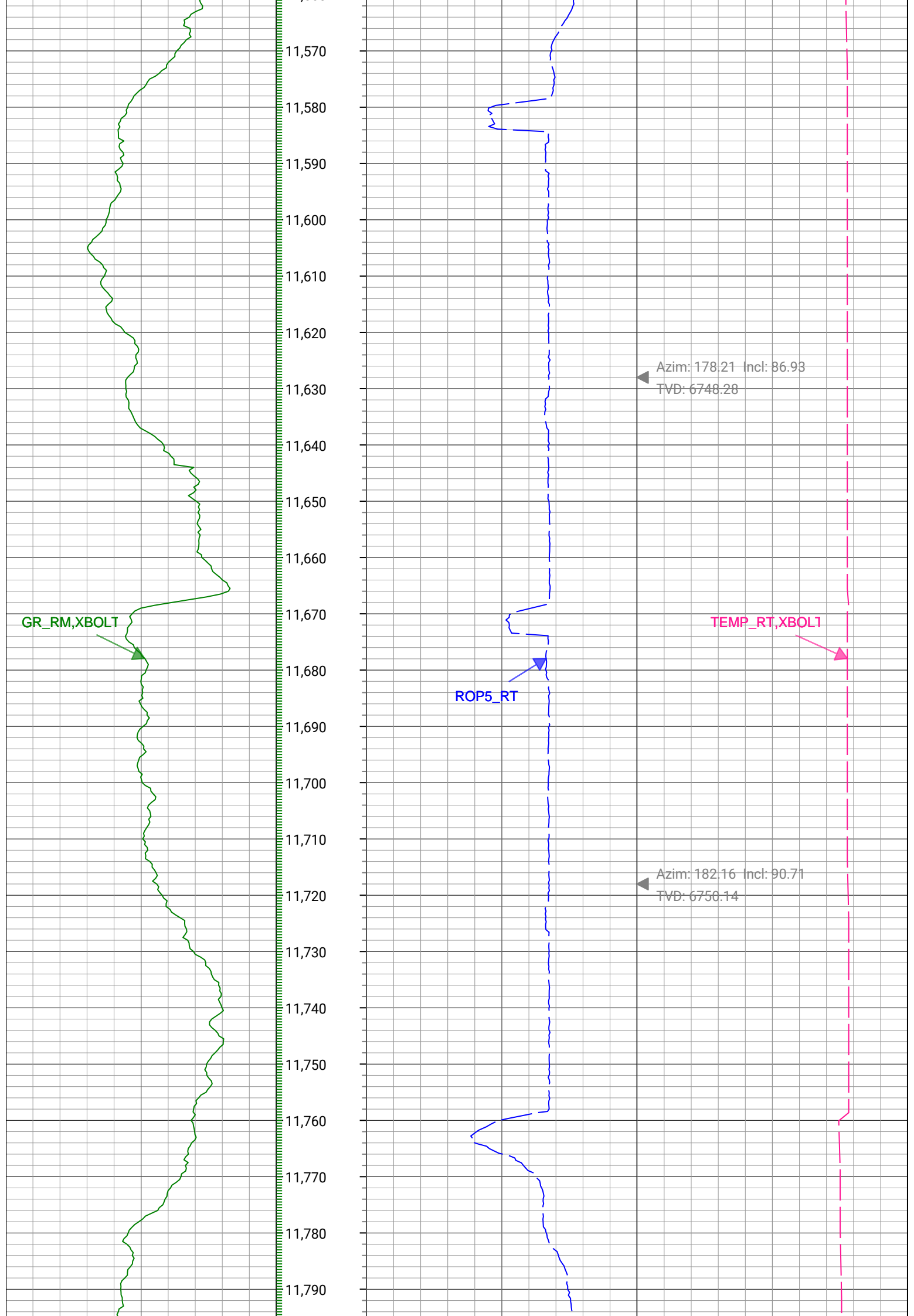
TEMP_RT,XBOLT

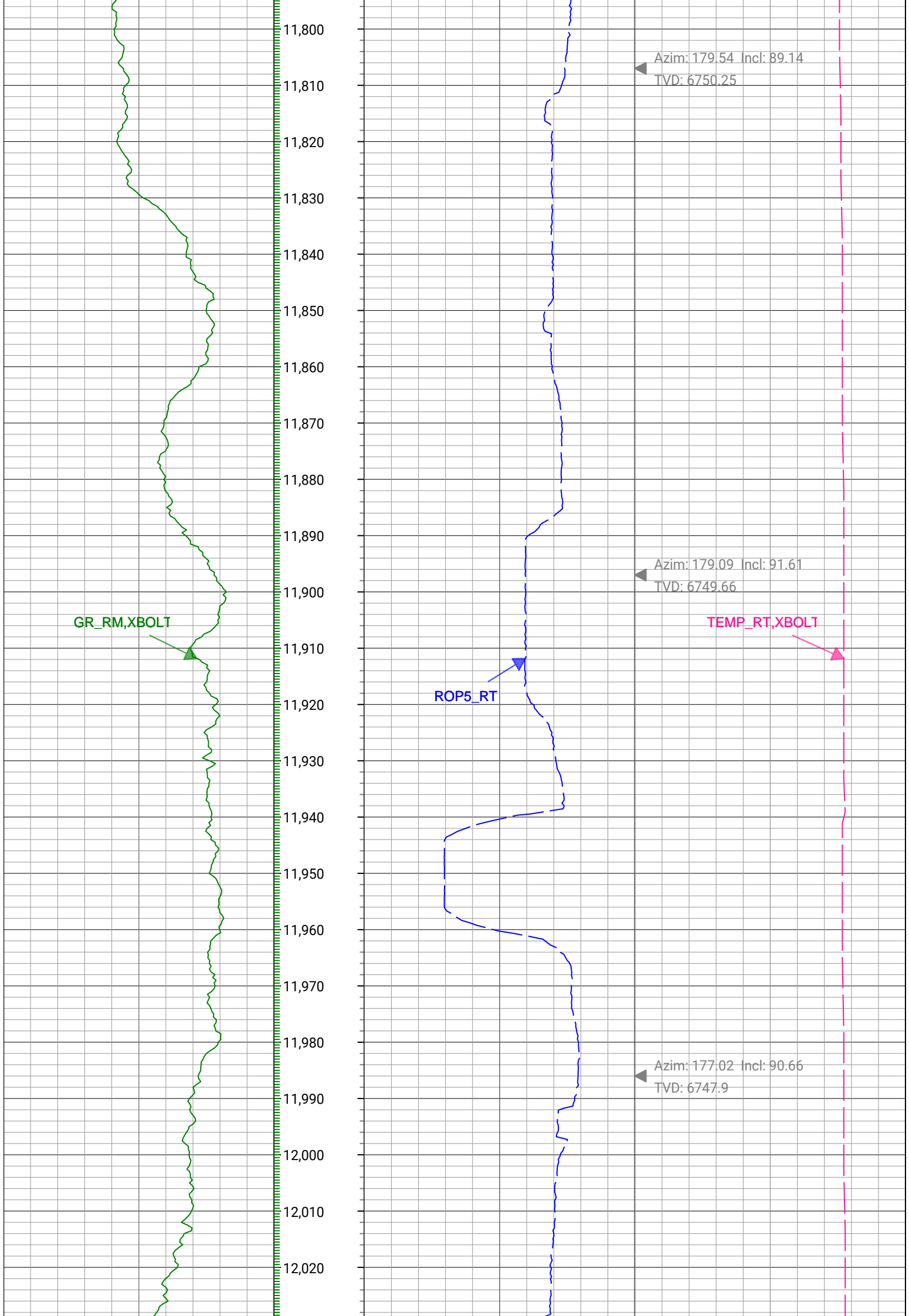


Azim: 179.66 Incl: 89.55
TVD: 6747.14

Azim: 180.84 Incl: 90.85
TVD: 6746.83







GR_RM, XBOLT



ROP5_RT



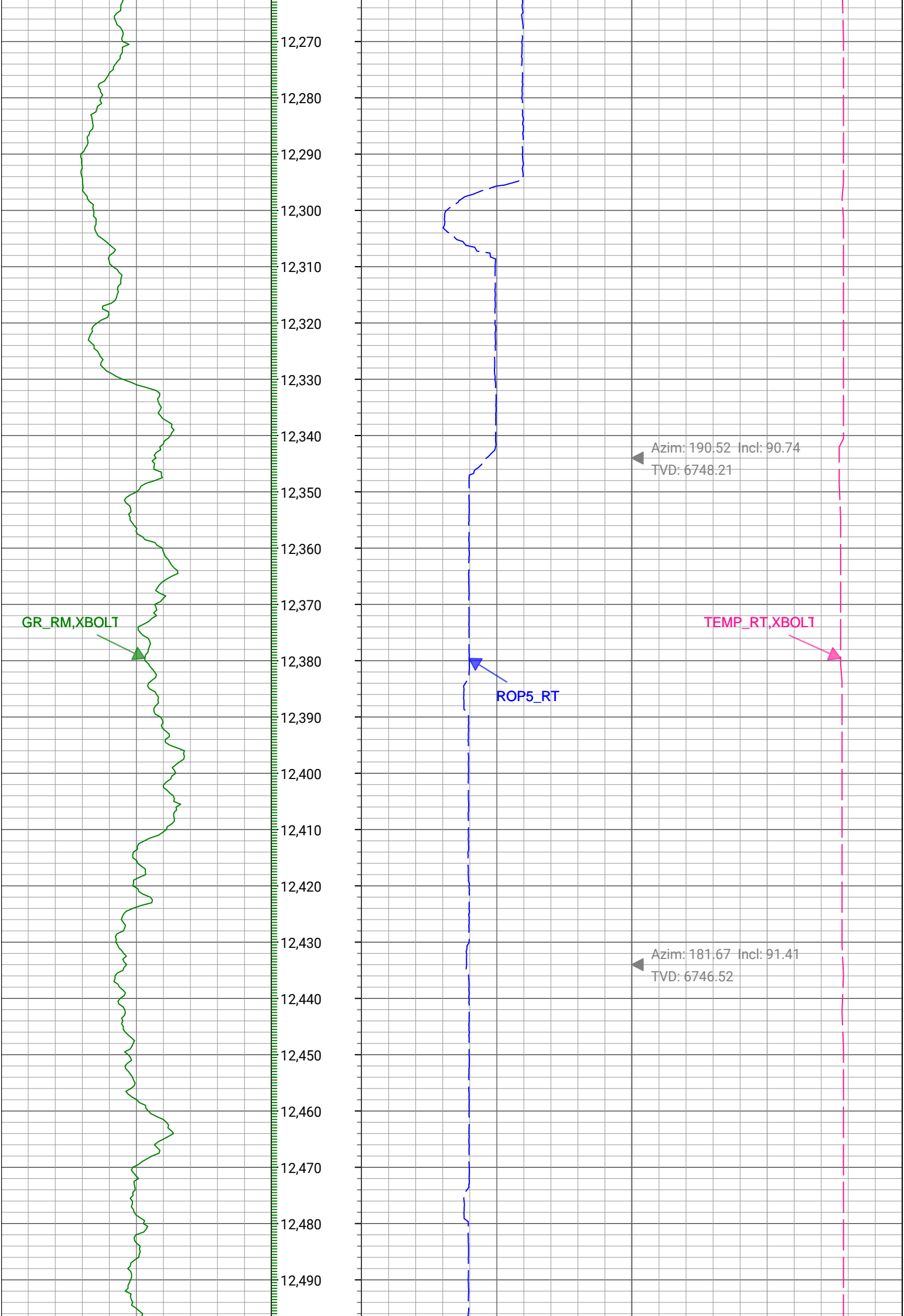
TEMP_RT, XBOLT

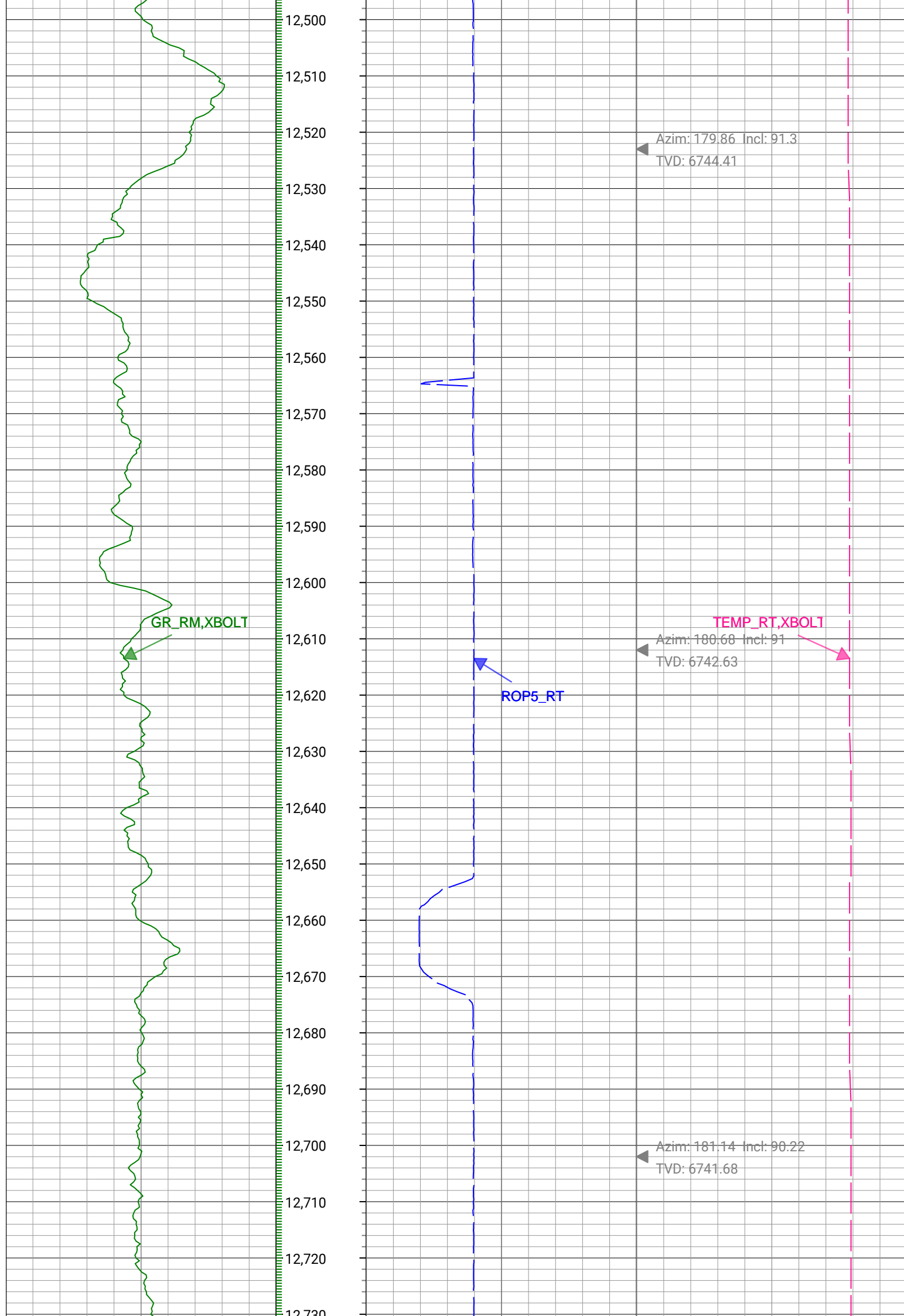


Azim: 178.24 Incl: 89.37
TVD: 6747.88

Azim: 183.66 Incl: 89.4
TVD: 6748.84

Azim: 187.32 Incl: 90.33
TVD: 6749.05





GR_RM,XBOLT



Azim: 180.81 Incl: 90.05
TVD: 6741.47

TEMP_RT,XBOLT



ROP5_RT

Azim: 180 Incl: 90.35
TVD: 6741.16

GR_RM,XBOLT



TEMP_RT,XBOLT



ROP5_RT



12,970
12,980
12,990
13,000
13,010
13,020
13,030
13,040
13,050
13,060
13,070
13,080
13,090
13,100
13,110
13,120
13,130
13,140
13,150
13,160
13,170
13,180
13,190

Azim: 179.8 Incl: 90.29
TVD: 6740.66

Azim: 180.02 Incl: 89.19
TVD: 6741.07

Azim: 181.19 Incl: 89.4
TVD: 6742.18

GR_RM,XBOLT

TEMP_RT,XBOLT

ROP5_RT

Azim: 180.22 Incl: 89.08
TVD: 6743.37

Azim: 180.53 Incl: 89.14
TVD: 6744.75

Azim: 181.1 Incl: 89.14
TVD: 6746.11

GR_RM,XBOLT



ROP5_RT



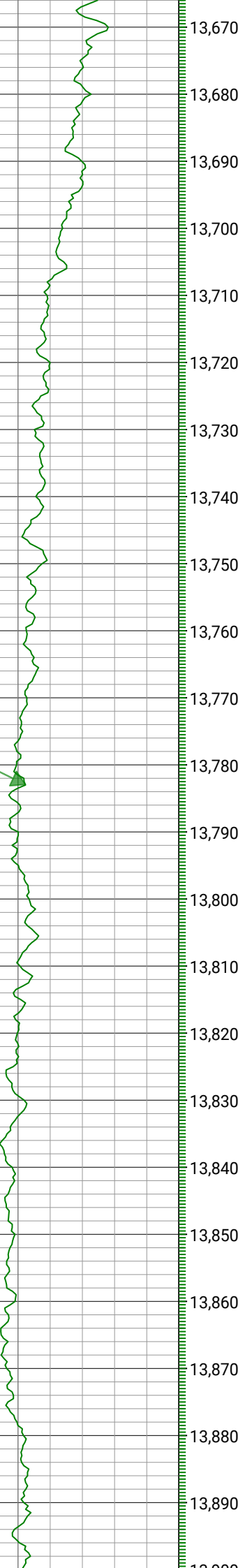
TEMP_RT,XBOLT1



Azim: 180.11 Incl: 89.19
TVD: 6747.41

Azim: 180.58 Incl: 89.49
TVD: 6748.44

GR_RM,XBOLT



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
13,830
13,840
13,850
13,860
13,870
13,880
13,890
13,900

ROP5_RT



Azim: 180.4 Incl: 89.37
TVD: 6749.32

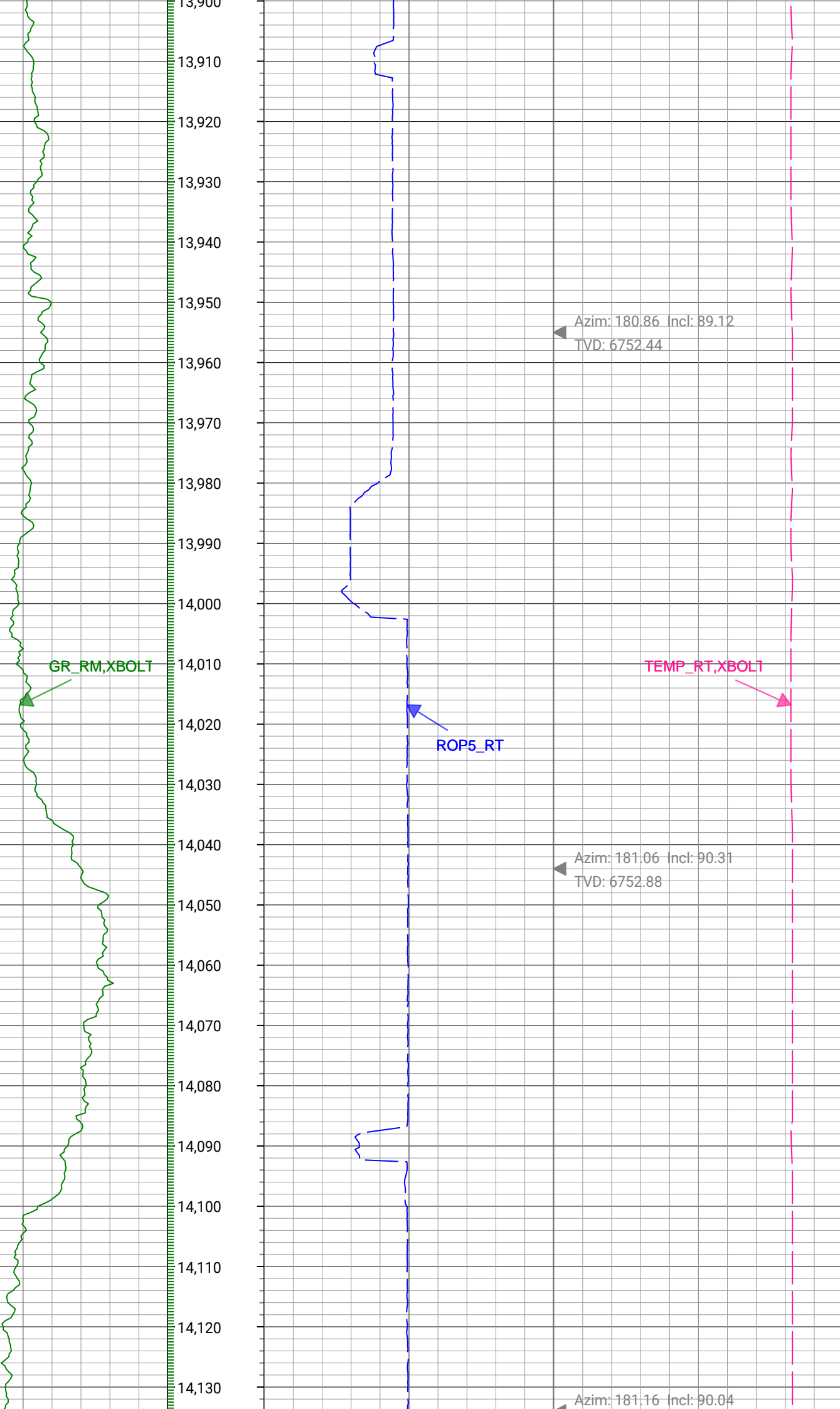


Azim: 180.55 Incl: 89.35
TVD: 6750.32



TEMP_RT,XBOLT





GR_RM,XBOLT



ROP5_RT

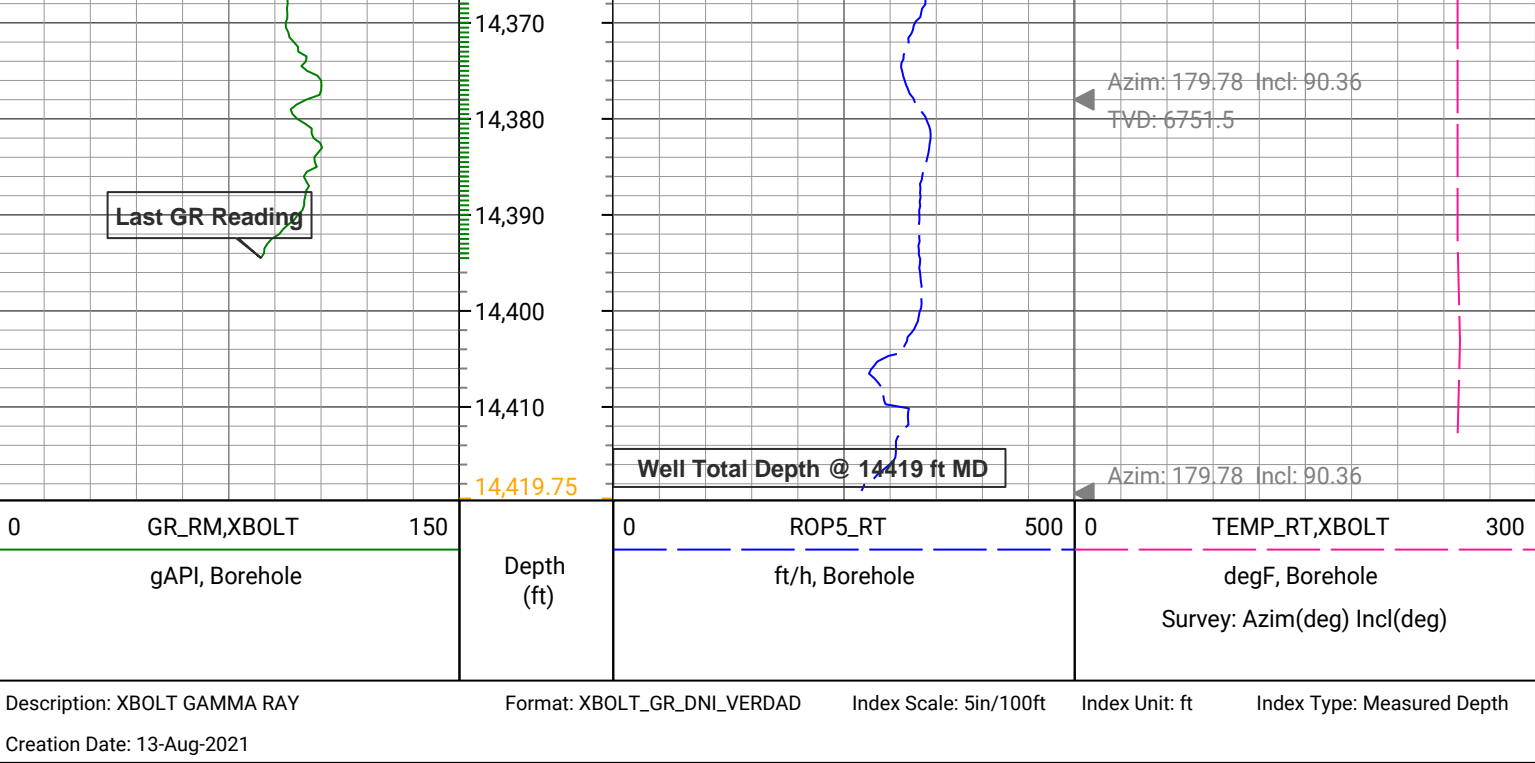
TEMP_RT,XBOLT1



TVD: 6752.6

Azim: 181.12 Incl: 90.18
TVD: 6752.43

Azim: 180.59 Incl: 90.44
TVD: 6751.95



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 2021	Geomagnetic Date:	07-Aug-2021 23:00:00
Location B:	51852.083(nT)	Location G:	999.019(mgn)
Magnetic Dip:	66.471(deg)	Magnetic Dec:	8.007(deg)
Total Correction:	8.007		

D&I Inits - Run - 2

Geomagnetic Model:	HDGM 2021	Geomagnetic Date:	06-Aug-2021 17:00:00
Location B:	51852.083(nT)	Location G:	999.019(mgn)
Magnetic Dip:	66.471(deg)	Magnetic Dec:	8.007(deg)
Total Correction:	8.007		

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
21	0	0	21	0	0	0	0	0	0	MWD
157	0.51	45.69	157	-0.47	0.42	0.43	0.38	0.61	45.69	MWD
217	0.8	15.07	216.99	-1.09	1.01	0.73	0.74	1.25	35.87	MWD
299	1.48	353.74	298.98	-2.69	2.62	0.77	0.96	2.73	16.31	MWD
388	2.37	332.98	387.93	-5.34	5.4	-0.19	1.25	5.4	357.93	MWD
478	3.79	317.27	477.8	-8.83	9.24	-3.06	1.82	9.74	341.69	MWD
568	5.8	314.96	567.48	-13.6	14.64	-8.3	2.24	16.83	330.47	MWD
658	7.63	325.46	656.86	-20.92	22.78	-14.9	2.44	27.22	326.81	MWD
748	9.85	326.76	745.81	-31.34	34.14	-22.51	2.48	40.89	326.6	MWD
838	12.35	326.71	834.12	-44.64	48.63	-32.01	2.78	58.22	326.64	MWD
928	14.44	328.77	921.67	-60.89	66.27	-43.12	2.38	79.06	326.95	MWD
1018	15.22	328.29	1008.67	-79.03	85.92	-55.14	0.88	102.09	327.31	MWD

1108	13.51	328.3	1095.85	-96.56	104.91	-66.88	1.9	124.42	327.48	MWD
1198	13.81	328.05	1183.3	-113.21	122.97	-78.09	0.34	145.67	327.58	MWD
1288	14.34	327.4	1270.6	-130.25	141.47	-89.78	0.61	167.55	327.6	MWD
1378	13.21	328.66	1358.01	-147.01	159.65	-101.13	1.3	188.98	327.65	MWD
1468	13.41	329.13	1445.59	-163.4	177.39	-111.83	0.25	209.7	327.77	MWD
1558	13.07	325.57	1533.2	-179.37	194.74	-122.94	0.98	230.3	327.74	MWD
1648	13.57	324	1620.78	-194.82	211.68	-134.9	0.69	251.01	327.49	MWD
1731	13.93	324.61	1701.4	-209.42	227.7	-146.41	0.47	270.71	327.26	MWD
1875	14.68	324.98	1840.94	-235.95	256.77	-166.92	0.52	306.26	326.97	MWD
1965	13.27	327.64	1928.27	-252.51	274.83	-178.99	1.72	327.98	326.92	MWD
2054	13.74	327.72	2014.81	-268.69	292.4	-190.1	0.53	348.76	326.97	MWD
2144	13.38	325.41	2102.3	-284.85	310.01	-201.72	0.72	369.86	326.95	MWD
2233	13.53	327.74	2188.86	-300.71	327.29	-213.13	0.63	390.57	326.93	MWD
2323	13.7	327.58	2276.33	-317.19	345.19	-224.46	0.19	411.75	326.97	MWD
2412	13.67	328.41	2362.81	-333.65	363.04	-235.62	0.22	432.8	327.02	MWD
2502	12.53	326.09	2450.47	-349.43	380.2	-246.63	1.39	453.19	327.03	MWD
2591	12.87	325.79	2537.29	-364.28	396.41	-257.59	0.38	472.75	326.98	MWD
2680	13.67	329.04	2623.91	-380.12	413.62	-268.57	1.23	493.17	327	MWD
2770	13.42	327.57	2711.41	-396.67	431.56	-279.64	0.47	514.24	327.06	MWD
2859	13.77	327.35	2797.91	-412.91	449.2	-290.9	0.4	535.17	327.07	MWD
2948	13.32	327.65	2884.44	-429.09	466.78	-302.1	0.52	556.01	327.09	MWD
3038	13.63	330.07	2971.96	-445.67	484.72	-312.94	0.72	576.96	327.15	MWD
3127	13.48	327.3	3058.48	-462.13	502.54	-323.77	0.75	597.81	327.21	MWD
3216	13.27	330.67	3145.07	-478.43	520.18	-334.38	0.91	618.38	327.27	MWD
3306	13.44	329.94	3232.64	-495.19	538.24	-344.68	0.27	639.14	327.36	MWD
3395	13.49	329.13	3319.19	-511.74	556.1	-355.19	0.22	659.86	327.43	MWD
3485	13.68	329.55	3406.67	-528.57	574.29	-365.97	0.24	680.99	327.49	MWD
3575	13.78	329.78	3494.1	-545.65	592.73	-376.76	0.13	702.34	327.56	MWD
3664	13.83	328.82	3580.53	-562.55	610.99	-387.61	0.26	723.57	327.61	MWD
3753	13.06	331.72	3667.09	-579.21	628.95	-397.88	1.14	744.23	327.68	MWD
3843	13.61	329.41	3754.66	-596	647.02	-408.08	0.85	764.96	327.76	MWD
3933	13.57	327.35	3842.14	-612.61	665.03	-419.17	0.54	786.11	327.78	MWD
4022	13.27	328.75	3928.71	-628.77	682.55	-430.11	0.5	806.76	327.78	MWD
4112	13.5	330.15	4016.27	-645.38	700.49	-440.69	0.44	827.58	327.83	MWD
4201	13.52	328.88	4102.81	-661.96	718.4	-451.24	0.33	848.36	327.87	MWD
4291	13.12	327.3	4190.39	-678.19	736	-462.19	0.6	869.09	327.87	MWD
4380	13.6	330.28	4276.98	-694.45	753.59	-472.84	0.95	889.65	327.89	MWD
4470	13.91	329.56	4364.4	-711.61	772.11	-483.56	0.39	911.03	327.94	MWD
4559	13.15	329.68	4450.93	-728.24	790.06	-494.09	0.85	931.84	327.98	MWD
4649	13.75	327.55	4538.46	-744.73	807.92	-505	0.87	952.77	327.99	MWD
4738	12.53	330.16	4625.13	-760.72	825.23	-515.48	1.52	973	328.01	MWD
4828	13.55	329.21	4712.81	-776.96	842.76	-525.74	1.15	993.3	328.04	MWD
4917	13.58	329.43	4799.32	-793.57	860.71	-536.39	0.07	1014.16	328.07	MWD
5007	11.83	331.33	4887.12	-809.53	877.9	-546.19	1.99	1033.94	328.11	MWD
5097	13.2	329.64	4974.98	-825.28	894.87	-555.81	1.57	1053.43	328.16	MWD
5186	13.52	328.3	5061.57	-841.57	912.49	-566.41	0.5	1073.99	328.17	MWD
5275	13.28	329.16	5148.14	-857.86	930.12	-577.12	0.35	1094.62	328.18	MWD
5365	13.45	329.08	5235.7	-874.38	947.98	-587.8	0.19	1115.43	328.2	MWD
5454	12.97	329.36	5322.35	-890.55	965.46	-598.21	0.54	1135.77	328.22	MWD
5544	13.41	327.98	5409.97	-906.75	983	-608.9	0.6	1156.31	328.22	MWD

5633	13.51	328.44	5496.53	-922.99	1000.61	-619.81	0.16	1177.02	328.22	MWD
5722	13.32	329.01	5583.1	-939.29	1018.25	-630.53	0.26	1197.67	328.23	MWD
5812	13.5	328.98	5670.65	-955.83	1036.14	-641.28	0.2	1218.54	328.25	MWD
5901	12.98	327.68	5757.28	-971.84	1053.49	-651.98	0.67	1238.92	328.25	MWD
5990	13.01	325.4	5844	-987.16	1070.18	-663.02	0.58	1258.92	328.22	MWD
6080	11.33	298.88	5932.05	-998.14	1082.8	-676.52	6.42	1276.77	328	MWD
6169	14.32	262.44	6018.95	-998.77	1085.58	-695.12	9.5	1289.06	327.37	MWD
6259	18.14	247.98	6105.38	-989.34	1078.85	-719.16	6.15	1296.58	326.31	MWD
6348	21.87	231.61	6189.06	-970.97	1063.35	-745.03	7.52	1298.38	324.98	MWD
6438	22.99	208.63	6272.41	-942.78	1037.46	-766.63	9.77	1289.98	323.54	MWD
6527	28.25	191.21	6352.75	-905.6	1001.47	-779.08	10.26	1268.82	322.12	MWD
6617	35.98	182.36	6428.97	-857.91	954.07	-784.32	10.03	1235.07	320.58	MWD
6706	42.5	177.59	6497.88	-802.07	897.84	-784.13	8.07	1192.05	318.87	MWD
6795	49.48	177.68	6559.67	-738.87	833.92	-781.5	7.84	1142.87	316.86	MWD
6885	57.21	179.31	6613.37	-667.44	761.8	-779.65	8.7	1090.04	314.34	MWD
6974	65.8	179.72	6655.79	-589.89	683.66	-779	9.66	1036.45	311.27	MWD
7064	71.79	179.58	6688.33	-506.63	599.79	-778.49	6.66	982.75	307.61	MWD
7153	78.65	179.97	6711.02	-421.24	513.79	-778.16	7.71	932.48	303.44	MWD
7242	84.82	180.57	6723.81	-333.74	425.76	-778.58	6.97	887.39	298.67	MWD
7332	88.14	181.57	6729.34	-244.33	335.96	-780.26	3.85	849.52	293.3	MWD
7422	89.42	179.26	6731.25	-154.88	245.99	-780.92	2.94	818.74	287.48	MWD
7511	89.71	180.12	6731.92	-66.53	156.99	-780.44	1.02	796.07	281.37	MWD
7600	89.76	180.65	6732.33	21.95	68	-781.04	0.6	783.99	274.98	MWD
7690	89.88	180.13	6732.61	111.43	-22	-781.66	0.6	781.97	268.39	MWD
7779	89.15	179.33	6733.36	199.79	-111	-781.24	1.22	789.09	261.91	MWD
7869	89.41	180.05	6734.5	289.13	-200.99	-780.75	0.84	806.21	255.56	MWD
7958	90.06	180.39	6734.91	377.58	-289.98	-781.09	0.83	833.18	249.63	MWD
8048	88.65	177.14	6735.92	466.72	-379.94	-779.15	3.94	866.85	244	MWD
8138	90.33	176.57	6736.72	555.42	-469.8	-774.21	1.96	905.6	238.75	MWD
8227	89.29	177.13	6737.03	643.14	-558.66	-769.32	1.33	950.77	234.01	MWD
8316	89.44	176.24	6738.02	730.81	-647.51	-764.18	1.02	1001.61	229.72	MWD
8406	89.3	176.86	6739.01	819.43	-737.34	-758.76	0.71	1058.01	225.82	MWD
8495	89.49	178.46	6739.95	907.34	-826.26	-755.13	1.81	1119.34	222.42	MWD
8585	89.35	179.5	6740.86	996.55	-916.24	-753.52	1.17	1186.29	219.43	MWD
8675	88.54	177.66	6742.52	1085.65	-1006.19	-751.3	2.23	1255.73	216.75	MWD
8764	88.04	177.33	6745.17	1173.5	-1095.06	-747.41	0.67	1325.82	214.31	MWD
8854	88.13	177.56	6748.17	1262.31	-1184.93	-743.41	0.27	1398.82	212.1	MWD
8943	90.15	183.06	6749.51	1350.73	-1273.88	-743.89	6.58	1475.17	210.28	MWD
9033	89.92	190.31	6749.46	1440.67	-1363.2	-754.35	8.06	1558	208.96	MWD
9122	90.73	182.73	6748.95	1529.6	-1451.56	-764.45	8.56	1640.55	207.77	MWD
9212	89.68	181.04	6748.63	1619.29	-1541.51	-767.41	2.22	1721.97	206.47	MWD
9301	89.39	181.13	6749.35	1707.88	-1630.49	-769.1	0.34	1802.78	205.25	MWD
9391	89.91	182.01	6749.9	1797.53	-1720.45	-771.57	1.13	1885.54	204.15	MWD
9480	90.71	180.6	6749.42	1886.15	-1809.43	-773.6	1.81	1967.86	203.15	MWD
9570	90.36	181.79	6748.58	1975.75	-1899.4	-775.48	1.37	2051.61	202.21	MWD
9659	89.27	178.64	6748.86	2064.19	-1988.39	-775.81	3.75	2134.38	201.31	MWD
9749	89.21	179.02	6750.05	2153.36	-2078.36	-773.97	0.42	2217.79	200.43	MWD
9839	90.9	178.18	6749.96	2242.48	-2168.33	-771.77	2.1	2301.58	199.59	MWD
9928	89.55	177.75	6749.61	2330.48	-2257.27	-768.61	1.59	2384.54	198.8	MWD
10018	90.3	178.7	6749.73	2419.52	-2347.22	-765.83	1.34	2469	198.07	MWD

10107	91.04	180.5	6748.69	2507.85	-2436.21	-765.21	2.19	2553.56	197.44	MWD
10197	89.21	179.94	6748.49	2597.29	-2526.21	-765.56	2.14	2639.66	196.86	MWD
10286	89.23	177.45	6749.71	2685.44	-2615.17	-763.53	2.79	2724.35	196.28	MWD
10376	90.76	179.39	6749.71	2774.52	-2705.13	-761.05	2.75	2810.14	195.71	MWD
10465	91.17	177.71	6748.22	2862.63	-2794.08	-758.8	1.94	2895.29	195.19	MWD
10555	91.15	181.39	6746.4	2951.92	-2884.05	-758.09	4.09	2982.02	194.73	MWD
10644	89.94	178.17	6745.55	3040.28	-2973.03	-757.75	3.86	3068.07	194.3	MWD
10733	90.14	179.16	6745.48	3128.43	-3062	-755.68	1.13	3153.87	193.86	MWD
10823	90.43	178.52	6745.03	3217.6	-3151.98	-753.85	0.78	3240.88	193.45	MWD
10913	87	178.42	6747.06	3306.67	-3241.91	-751.45	3.81	3327.86	193.05	MWD
11002	90.88	178.26	6748.71	3394.72	-3330.84	-748.87	4.36	3413.99	192.67	MWD
11091	90.79	178.62	6747.41	3482.81	-3419.8	-746.45	0.41	3500.32	192.31	MWD
11181	89.55	179.66	6747.14	3572.05	-3509.79	-745.1	1.81	3588.01	191.99	MWD
11270	90.85	180.84	6746.83	3660.5	-3598.78	-745.49	1.98	3675.19	191.7	MWD
11360	91	181.53	6745.37	3750.09	-3688.75	-747.35	0.78	3763.7	191.45	MWD
11449	88.33	180.45	6745.89	3838.66	-3777.73	-748.88	3.24	3851.24	191.21	MWD
11539	90.83	179.89	6746.54	3928.08	-3867.72	-749.14	2.84	3939.6	190.96	MWD
11628	86.93	178.21	6748.28	4016.28	-3956.67	-747.66	4.77	4026.69	190.7	MWD
11718	90.71	182.16	6750.14	4105.67	-4046.61	-747.96	6.08	4115.16	190.47	MWD
11807	89.14	179.54	6750.25	4194.21	-4135.59	-749.28	3.44	4202.92	190.27	MWD
11897	91.61	179.09	6749.66	4283.48	-4225.58	-748.2	2.79	4291.31	190.04	MWD
11986	90.66	177.02	6747.9	4371.47	-4314.5	-745.18	2.56	4378.38	189.8	MWD
12075	89.37	178.24	6747.88	4459.39	-4403.42	-741.51	1.99	4465.42	189.56	MWD
12165	89.4	183.66	6748.84	4548.91	-4493.37	-743	6.02	4554.39	189.39	MWD
12254	90.33	187.32	6749.05	4637.88	-4581.95	-751.51	4.24	4643.17	189.31	MWD
12344	90.74	190.52	6748.21	4727.79	-4670.85	-765.46	3.59	4733.15	189.31	MWD
12434	91.41	181.67	6746.52	4817.68	-4760.23	-775	9.85	4822.91	189.25	MWD
12523	91.3	179.86	6744.41	4906.2	-4849.19	-776.19	2.04	4910.92	189.09	MWD
12612	91	180.68	6742.63	4994.64	-4938.18	-776.62	0.98	4998.87	188.94	MWD
12702	90.22	181.14	6741.68	5084.19	-5028.16	-778.05	1	5088	188.8	MWD
12791	90.05	180.81	6741.47	5172.77	-5117.14	-779.57	0.42	5176.19	188.66	MWD
12881	90.35	180	6741.16	5262.24	-5207.14	-780.2	0.96	5265.27	188.52	MWD
12970	90.29	179.8	6740.66	5350.64	-5296.14	-780.04	0.23	5353.28	188.38	MWD
13060	89.19	180.02	6741.07	5440.03	-5386.14	-779.9	1.25	5442.31	188.24	MWD
13149	89.4	181.19	6742.18	5528.53	-5475.12	-780.84	1.33	5530.52	188.12	MWD
13239	89.08	180.22	6743.37	5618.05	-5565.11	-781.94	1.13	5619.77	188	MWD
13328	89.14	180.53	6744.75	5706.52	-5654.09	-782.53	0.36	5707.99	187.88	MWD
13418	89.14	181.1	6746.11	5796.05	-5744.08	-783.81	0.63	5797.31	187.77	MWD
13507	89.19	180.11	6747.41	5884.56	-5833.06	-784.75	1.11	5885.61	187.66	MWD
13597	89.49	180.58	6748.44	5974.02	-5923.05	-785.29	0.61	5974.88	187.55	MWD
13686	89.37	180.4	6749.32	6062.51	-6012.04	-786.04	0.25	6063.21	187.45	MWD
13775	89.35	180.55	6750.32	6151	-6101.04	-786.78	0.18	6151.56	187.35	MWD
13865	89.41	180.8	6751.29	6240.52	-6191.02	-787.84	0.28	6240.95	187.25	MWD
13955	89.12	180.86	6752.44	6330.06	-6281.01	-789.15	0.33	6330.39	187.16	MWD
14044	90.31	181.06	6752.88	6418.63	-6369.99	-790.64	1.36	6418.87	187.08	MWD
14134	90.04	181.16	6752.6	6508.22	-6459.97	-792.39	0.32	6508.39	186.99	MWD
14223	90.18	181.12	6752.43	6596.82	-6548.96	-794.16	0.16	6596.93	186.91	MWD
14313	90.44	180.59	6751.95	6686.37	-6638.94	-795.51	0.65	6686.44	186.83	MWD
14378	90.36	179.78	6751.5	6750.96	-6703.94	-795.72	1.26	6751	186.77	MWD
14468	89.86	179.73	6751.95	6781.67	-6744.94	-785.56	0.81	6781.7	186.73	MWD

14419	90.36	179.78	6751.25	6791.67	-6744.94	-795.56	0.01	6791.7	186.73	Manual
Company: Verdad Resources LLC										
Well: KBL 1930 12H										
Field Name: Wattenberg										
Country Name: United States										
State Name: Colorado										
County Name: Weld										



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