

Company: Verdad Resources LLC Well: KBL 1930 11H Field Name: Wattenberg Country Name: United States State Name: Colorado County Name: Weld											
<div><div>XBOLT GAMMA RAY</div><div>5in/100ft Measured Depth</div><div>Final Print</div><div>Recorded Mode</div></div> <div>Schlumberger</div>											
Company: Verdad Resources LLC											
Well: KBL 1930 11H											
Field Name: Wattenberg											
Country Name: United States											
State Name: Colorado											
County Name: Weld											
Latitude: 40°07'17.782"N						API Number: 05-123-50883					
Longitude: 104°28'41.243"W						Rig Name: Precision Drilling 464					
Spud Date: 04-Aug-2021						Rig Type: Land					
Log Interval: 1780.00--14430.88(ft)						Job Number: 21CC00194					
Depth Source: Driller's Depth						Print Type: Final Print					
Log Measured From: Drill Floor						Northing: 1288791.59(ft)					
Drill Floor Elevation: 4881.00(ft)						Easting: 3285765.70(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	04-Aug-2021 19:20:15	DateTime Log Finished	06-Aug-2021 19:13:04
Start Depth (ft)	1800	Stop Depth (ft)	10048
Mud Type	Oil Based Mud	Mud Density (lbm/gal)	9.3
Potassium (%)	0	Barite	Yes
GR Sensor Offset (ft)	24.51	Calibration Coefficient	0
DNI Sensor Offset (ft)	38.87		
Run 2 (Bit Size: 8.5 in)			
DateTime Log Started	06-Aug-2021 20:48:41	DateTime Log Finished	08-Aug-2021 05:46:30
Start Depth (ft)	10048	Stop Depth (ft)	14431
Mud Type	Oil Based Mud	Mud Density (lbm/gal)	9.3
Potassium (%)	0	Barite	Yes
GR Sensor Offset (ft)	25.22	Calibration Coefficient	0

DNI Sensor Offset (ft)	39.58	
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Log

Description: XBOLT GAMMA RAY

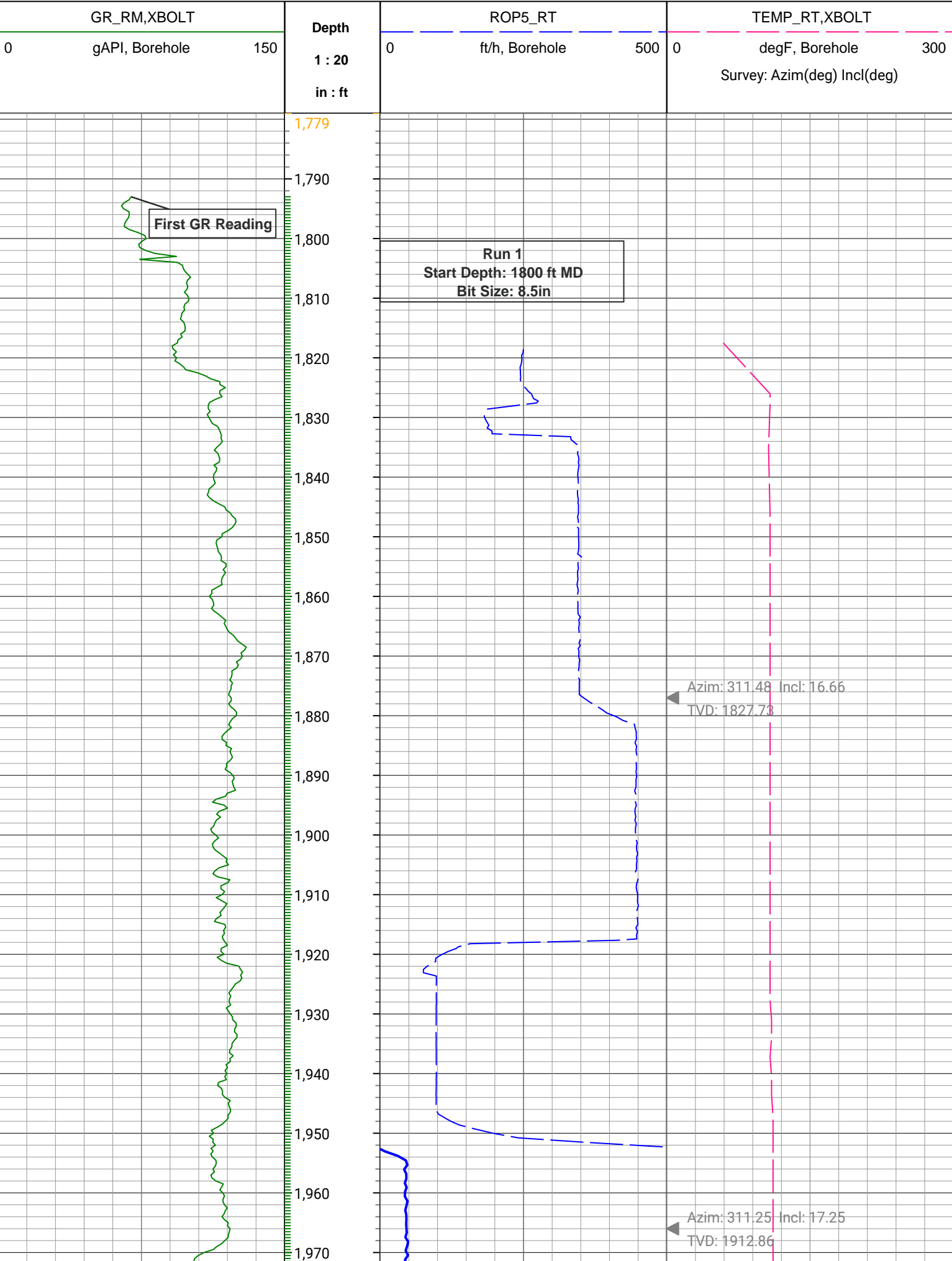
Format: XBOLT_GR_DNI_VERDAD

Index Scale: 5in/100ft

Index Unit: ft

Index Type: Measured Depth

Creation Date: 08-Aug-2021



GR_RM,XBOLT

ROP5_RT

TEMP_RT,XBOLT

Azim: 311.59 Incl: 17.41
TVD: 1997.82

Azim: 311.57 Incl: 17.43
TVD: 2083.69

GR_RM,XBOLT



ROP5_RT



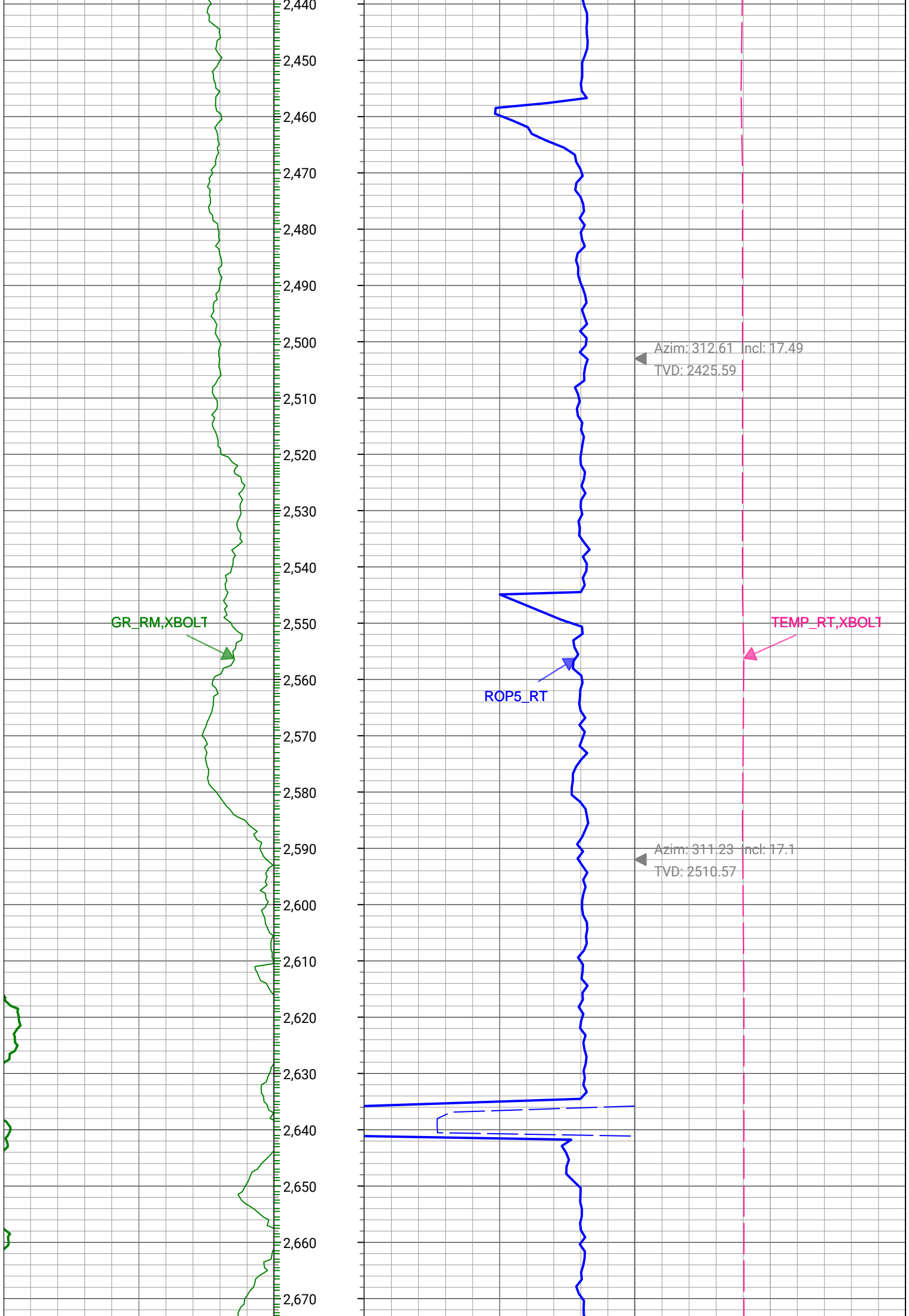
TEMP_RT,XBOLT

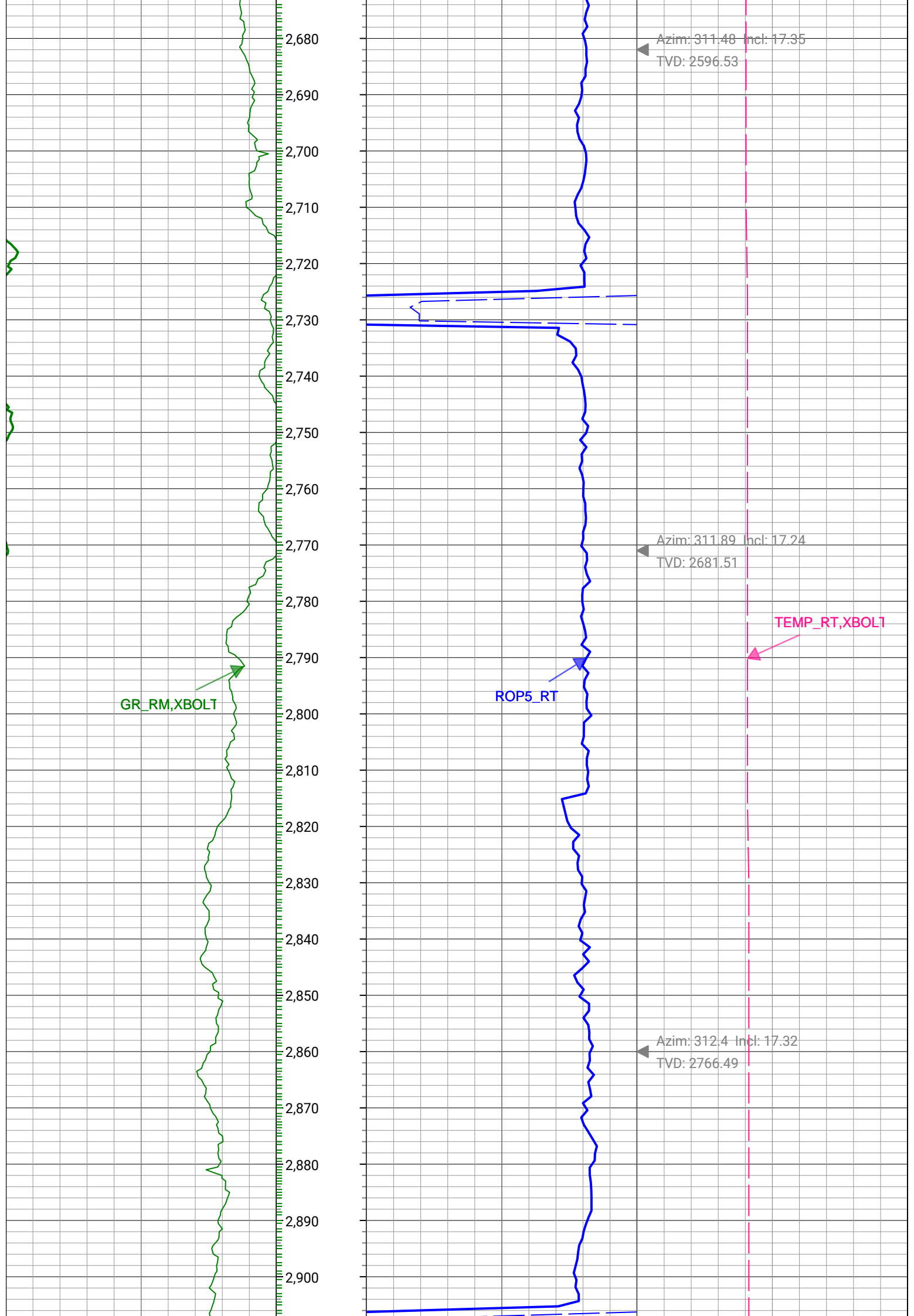


Azim: 310.49 Incl: 17.04
TVD: 2168.7

Azim: 311.85 Incl: 17.14
TVD: 2254.73

Azim: 311.44 Incl: 17.36
TVD: 2339.72





GR_RM,XBOLT

ROP5_RT

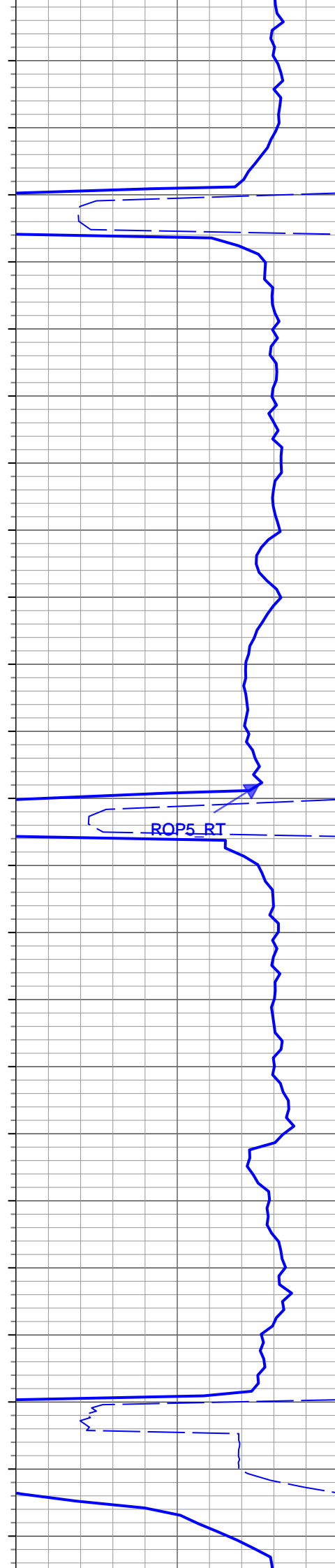
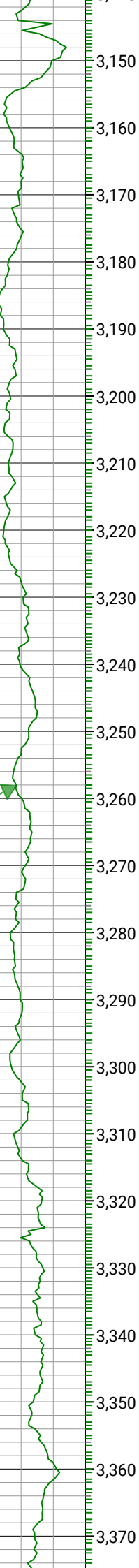
TEMP_RT,XBOLT

Azim: 312.7 Incl: 17.3
TVD: 2852.42

Azim: 311.61 Incl: 17.19
TVD: 2937.41

Azim: 311.01 Incl: 17.32
TVD: 3022.41

GR_RM,XBOLT



▲ Azim: 313.24 Incl: 17.22
TVD: 3108.35

TEMP_RT,XBOLT

▲ Azim: 312.68 Incl: 16.9
TVD: 3193.44

GR_RM,XBOLT

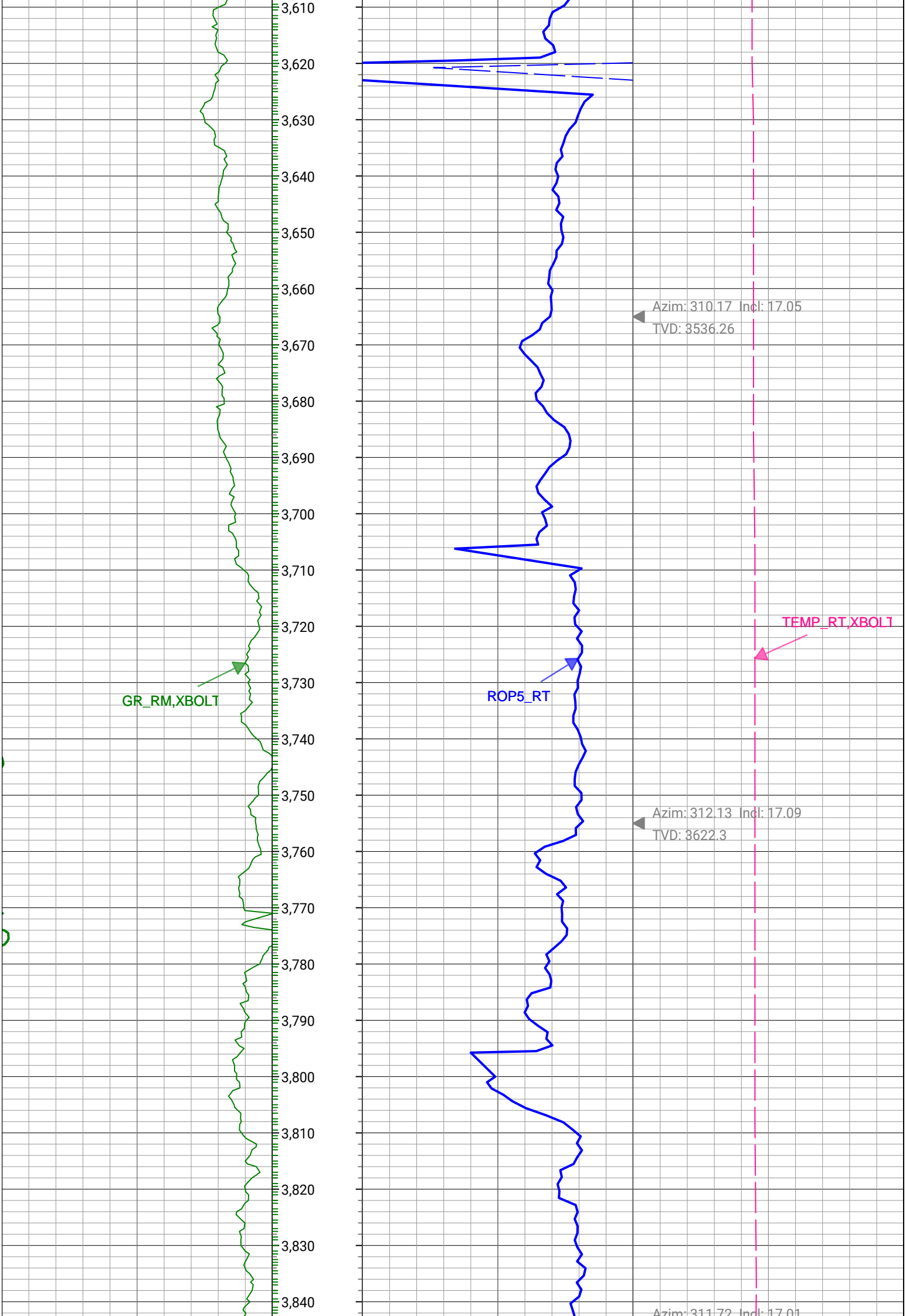
ROP5_RT

TEMP_RT,XBOLT

Azim: 311.74 Incl: 16.29
TVD: 3279.69

Azim: 311.48 Incl: 17.24
TVD: 3364.9

Azim: 311.3 Incl: 16.45
TVD: 3451.04



GR_RM,XBOLT

ROP5_RT

TEMP_RT,XBOLT

Azim: 311.72 Incl: 17.37
TVD: 3707.38

Azim: 311.97 Incl: 17.37
TVD: 3793.36

Azim: 311.65 Incl: 17.4
TVD: 3879.25

GR_RM,XBOLT

ROP5_RT

TEMP_RT,XBOLT

Azim: 312.29 Incl: 17.3
TVD: 3964.2

Azim: 311.96 Incl: 17.44
TVD: 4049.14

Azim: 312.35 Incl: 17.38
TVD: 4135.02

GR_RM,XBOLT



ROP5_RT



TEMP_RT,XBOLT



Azim: 312.85 Incl: 17.47
TVD: 4219.93

Azim: 311.84 Incl: 17.05
TVD: 4305.88

GR_RM,XBOLT

4,550
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
4,690
4,700
4,710
4,720
4,730
4,740
4,750
4,760
4,770

ROP5_RT

Azim: 312.56 Incl: 17.33
TVD: 4390.9

Azim: 311.82 Incl: 17.62
TVD: 4476.75
TEMP_RT,XBOLT

Azim: 311.23 Incl: 17.08
TVD: 4561.7

GR_RM,XBOLT

ROP5_RT

TEMP_RT,XBOLT

Azim: 312.41 Incl: 17.09
TVD: 4647.73

Azim: 311.96 Incl: 17.5
TVD: 4732.71

Azim: 312.12 Incl: 17.3
TVD: 4818.59

GR_RM,XBOLT



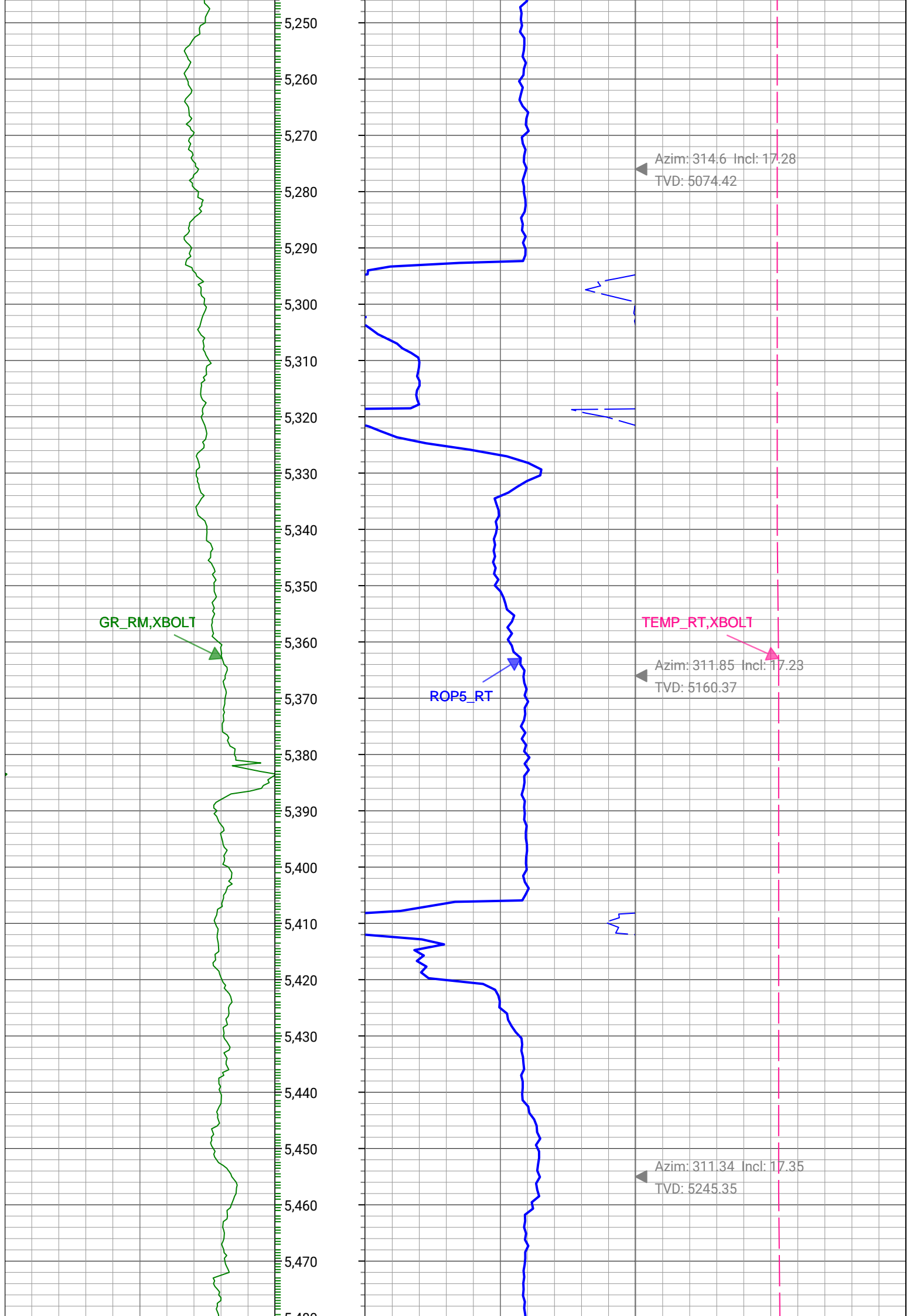
ROP5_RT

TEMP_RT,XBOLT1



Azim: 311.9 Incl: 17.37
TVD: 4904.5

Azim: 311.73 Incl: 17.34
TVD: 4989.45



GR_RM,XBOLT

ROP5_RT

TEMP_RT,XBOLT

Azim: 310.44 Incl: 16.88
TVD: 5331.36

Azim: 312.57 Incl: 16.93
TVD: 5416.52

GR_RM,XBOLT



ROP5_RT



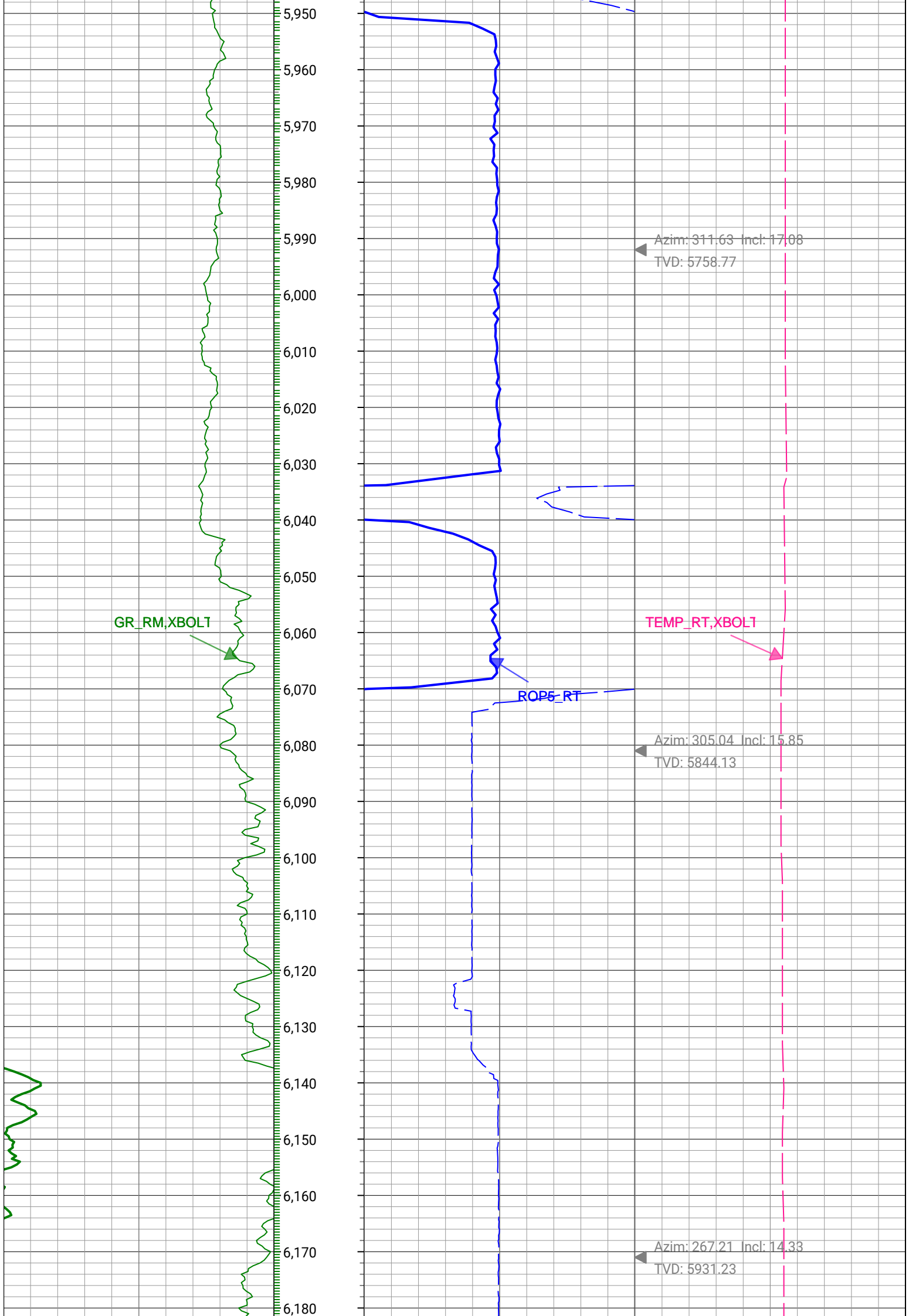
TEMP_RT,XBOLT1



Azim: 310.21 Incl: 16.59
TVD: 5501.74

Azim: 311.34 Incl: 17.51
TVD: 5587.78

Azim: 311.6 Incl: 17.11
TVD: 5672.75



GR_RM,XBOLT



ROP5_RT

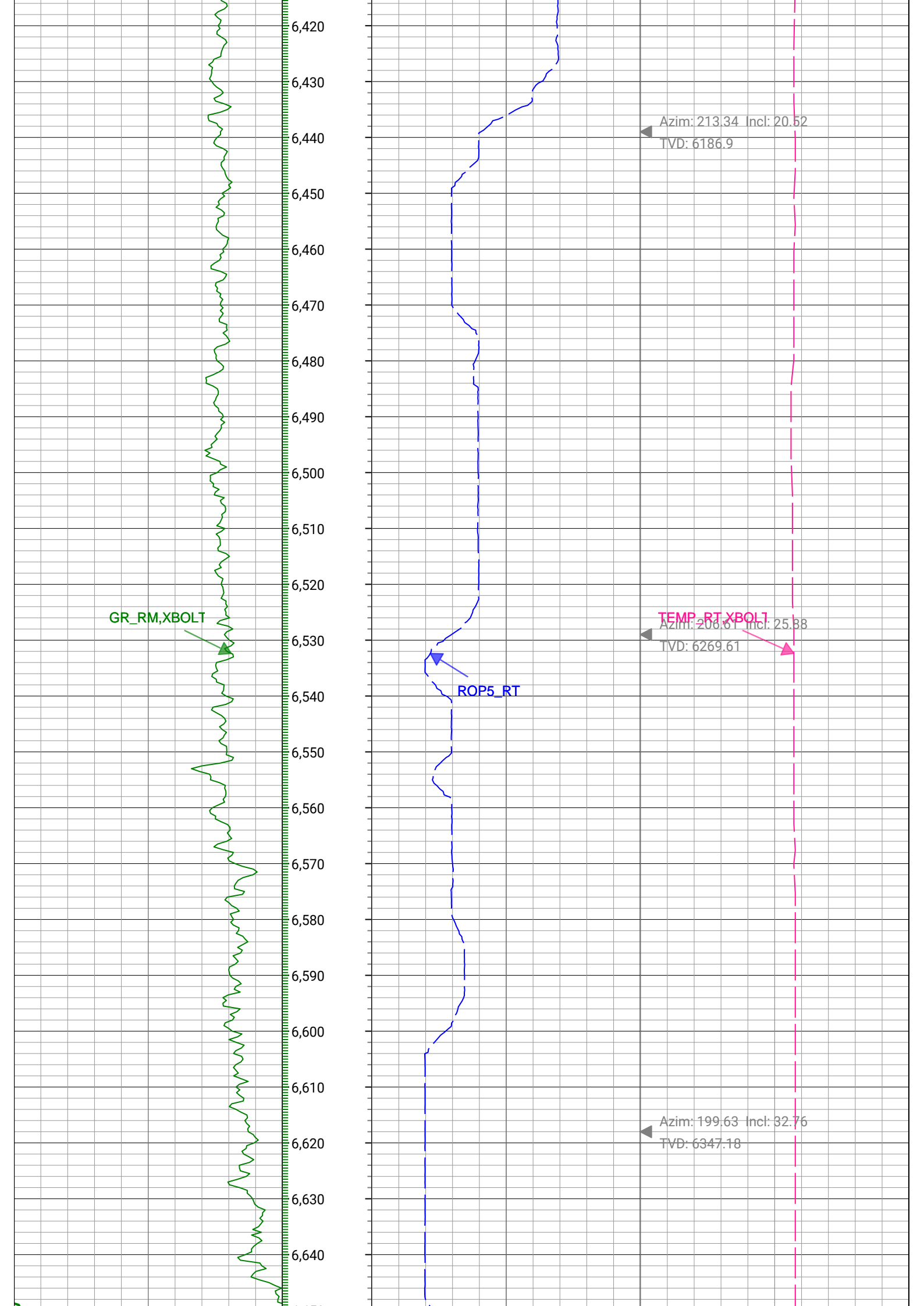


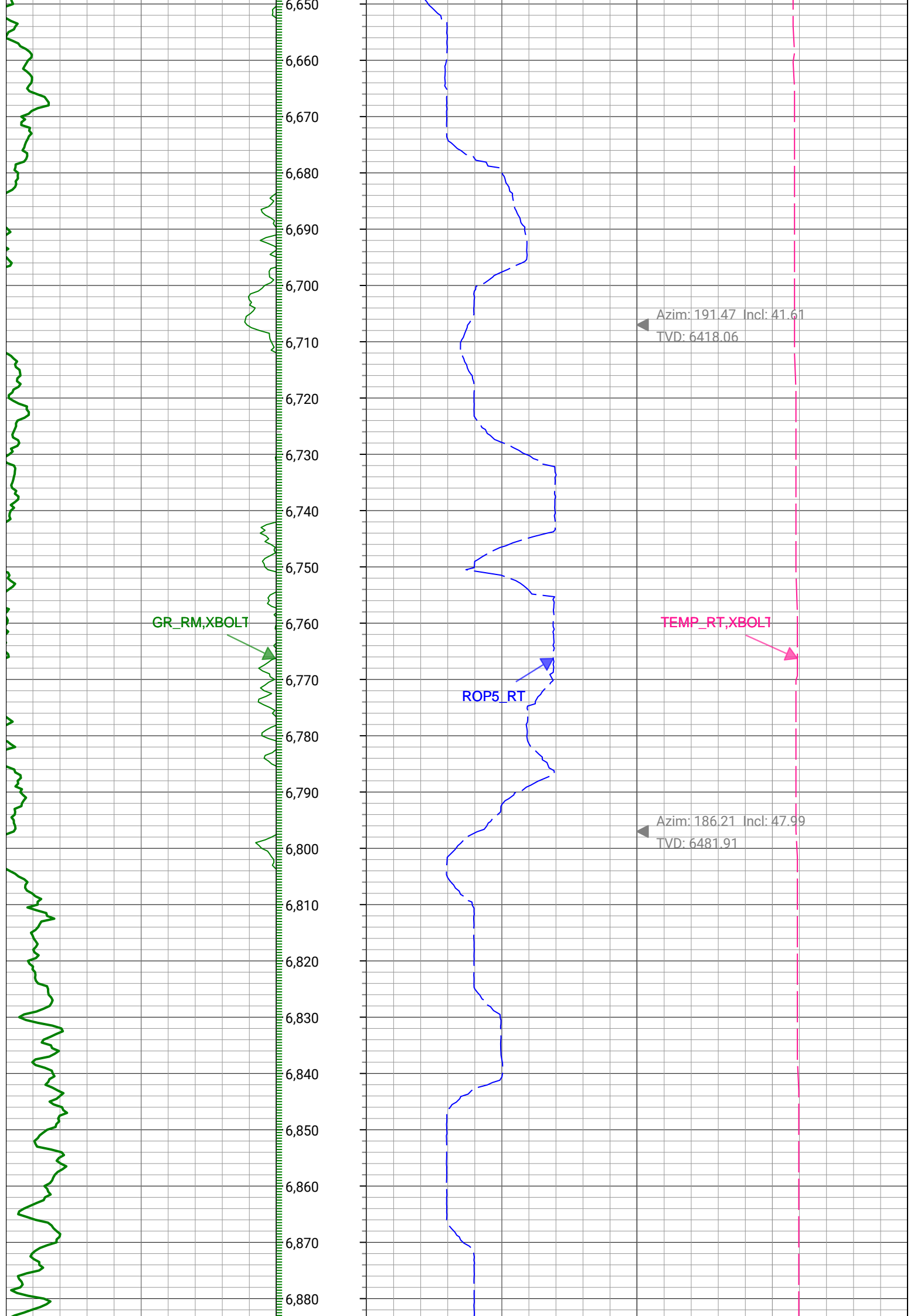
TEMP_RT,XBOLT

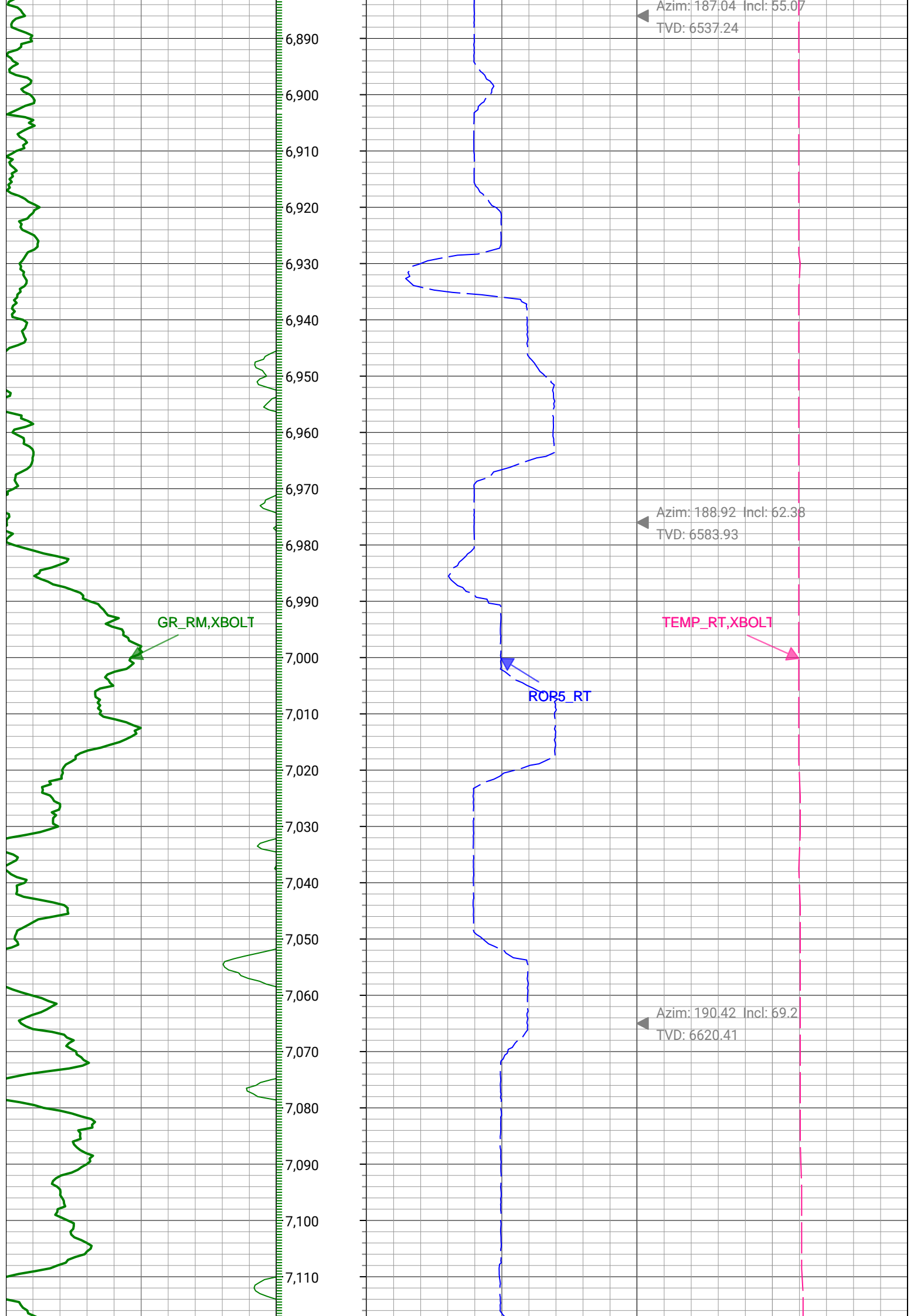


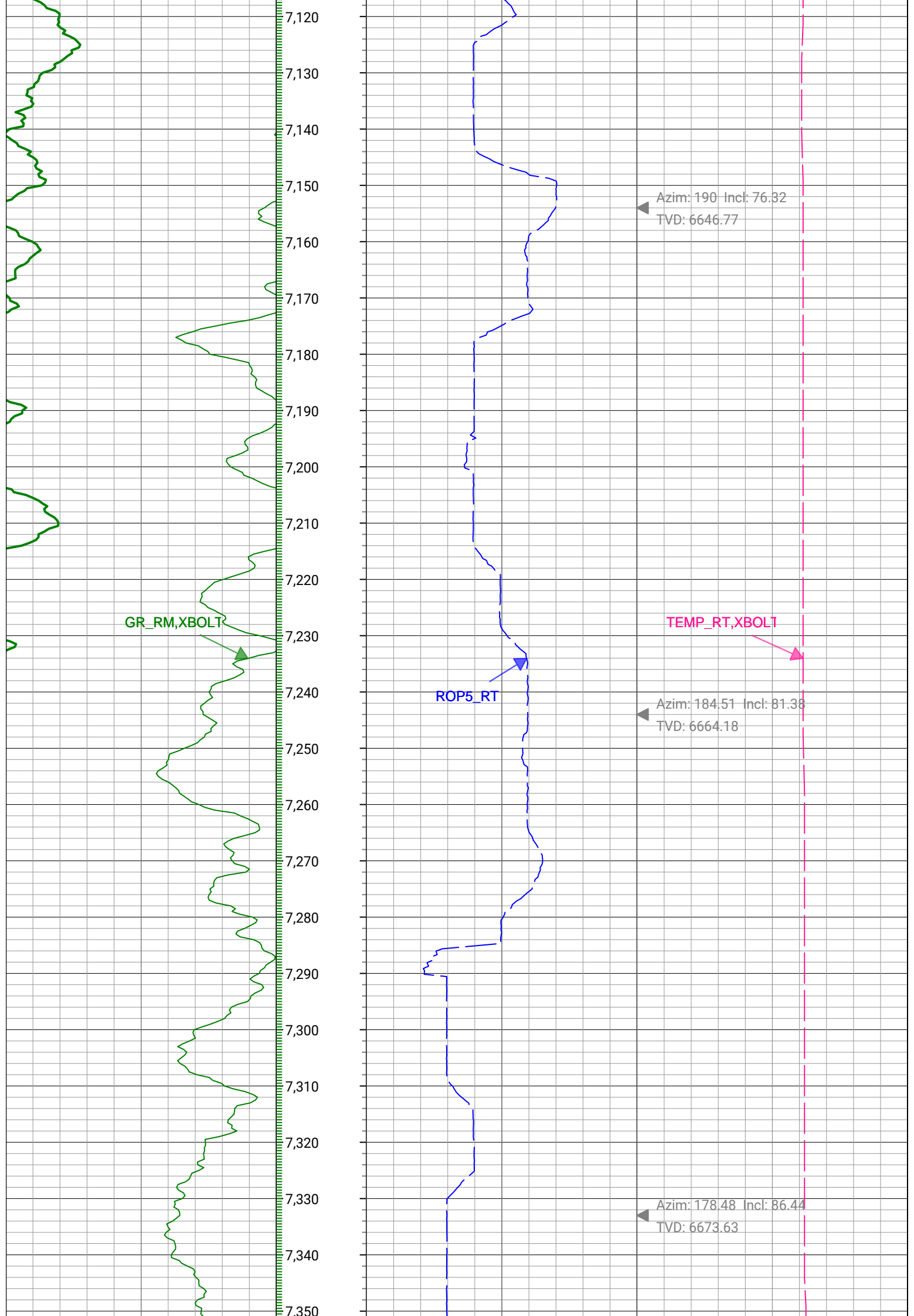
Azim: 240,41 Incl: 16,73
TVD: 6017.08

Azim: 224,09 Incl: 18,34
TVD: 6102.95









GR_RM,XBOLT



ROP5_RT

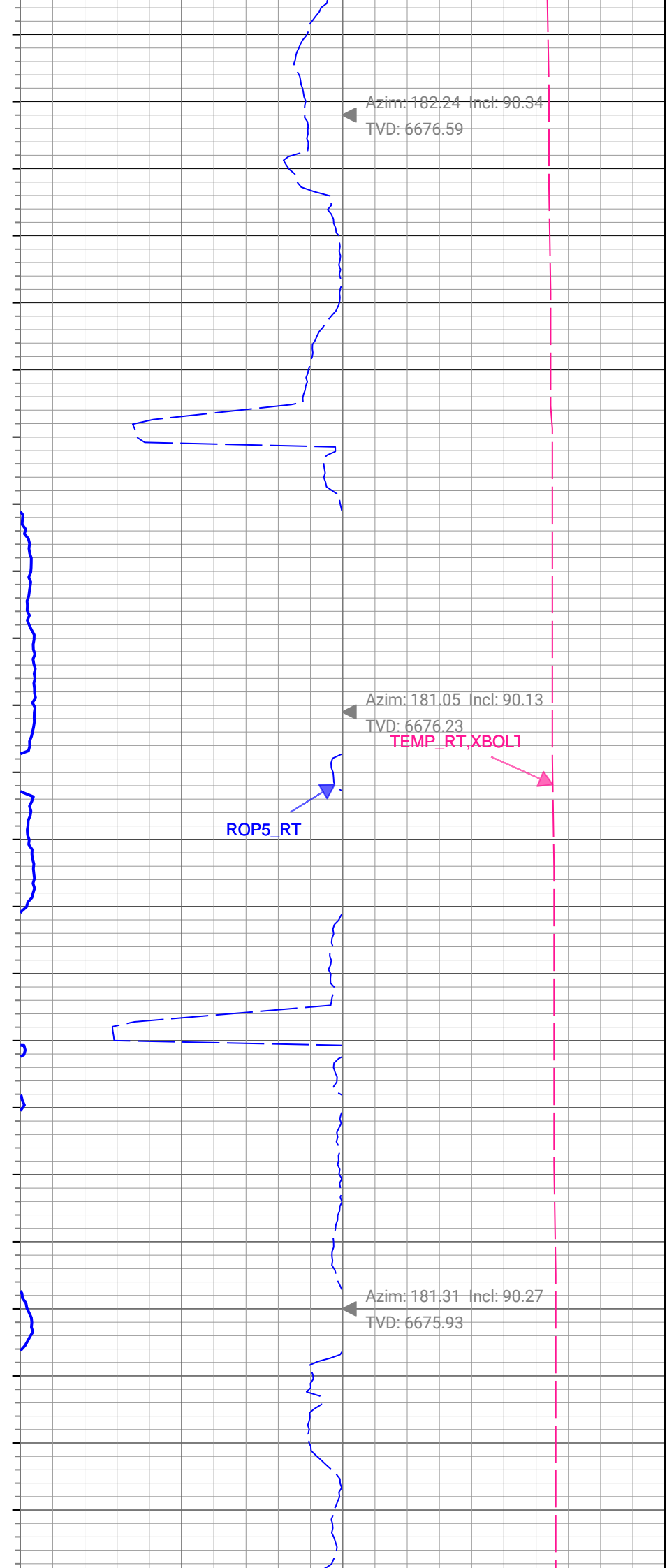
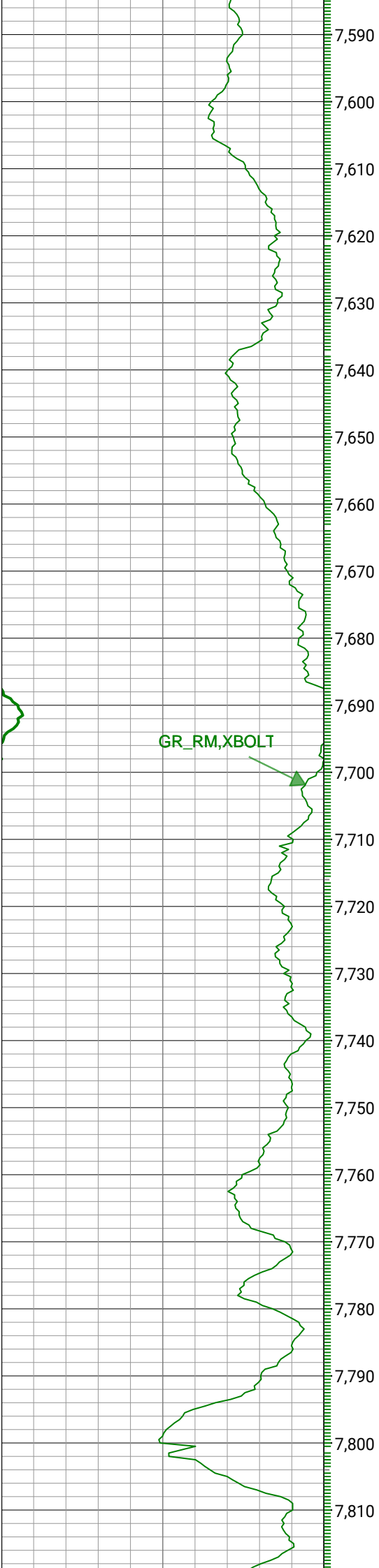


TEMP_RT,XBOLT



Azim: 178.2 Incl: 89.41
TVD: 6676.89

Azim: 178.83 Incl: 90.32
TVD: 6677.11



GR_RM,XBOLT

ROP5_RT

TEMP_RT,XBOLT

Azim: 180.53 Incl: 90.52
TVD: 6675.3

Azim: 180.48 Incl: 90.01
TVD: 6674.88

Azim: 180.06 Incl: 90.55
TVD: 6674.45

GR_RM,XBOLT



ROP5_RT

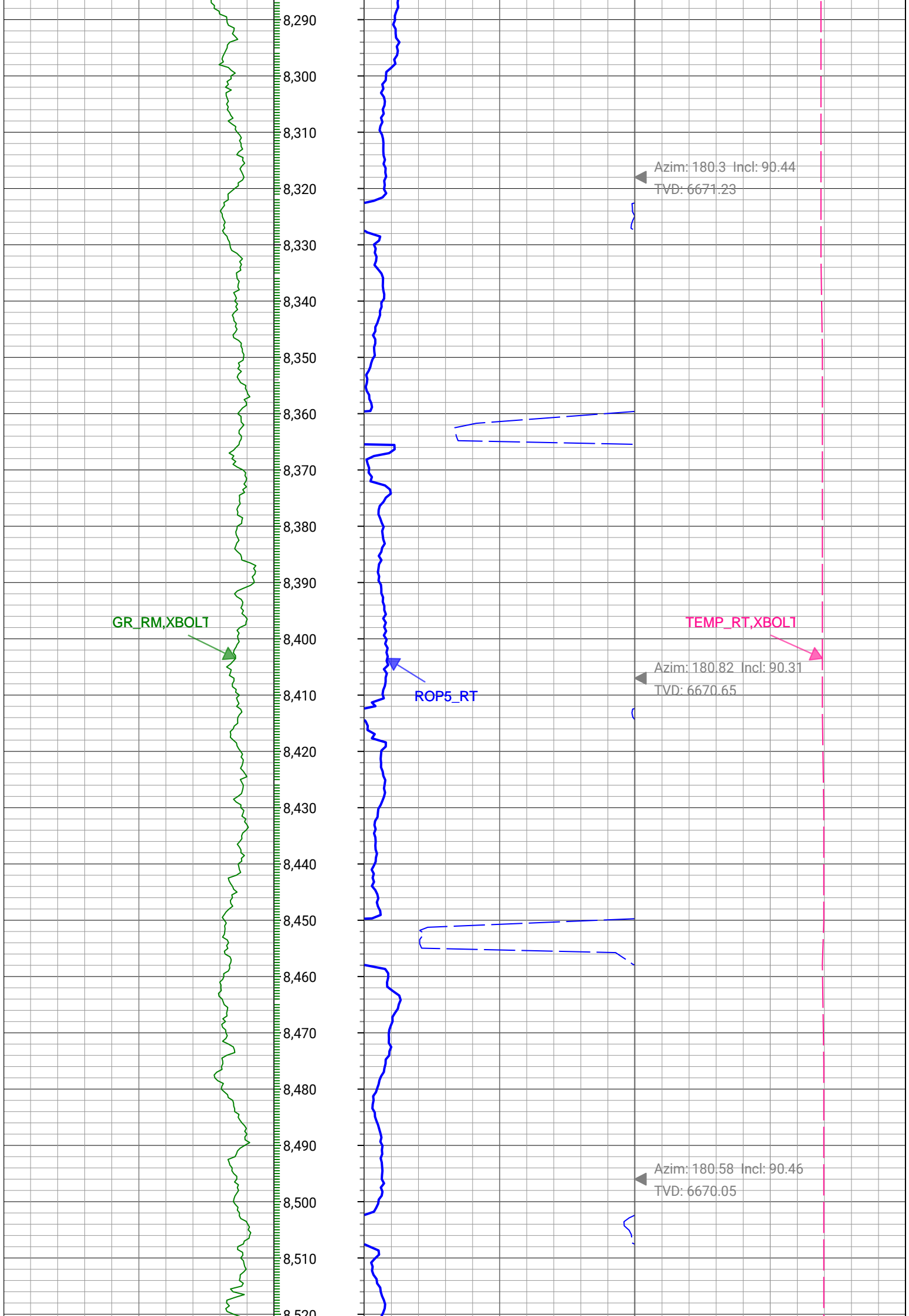


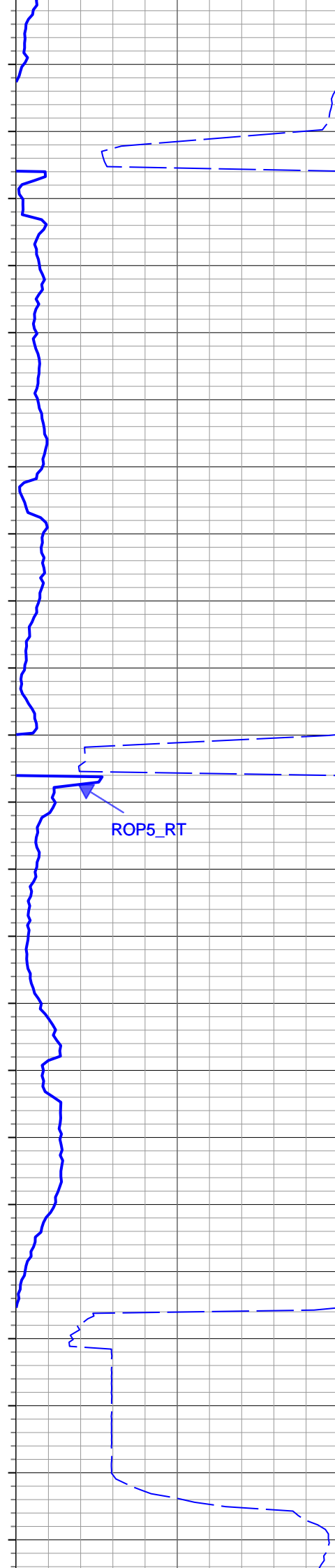
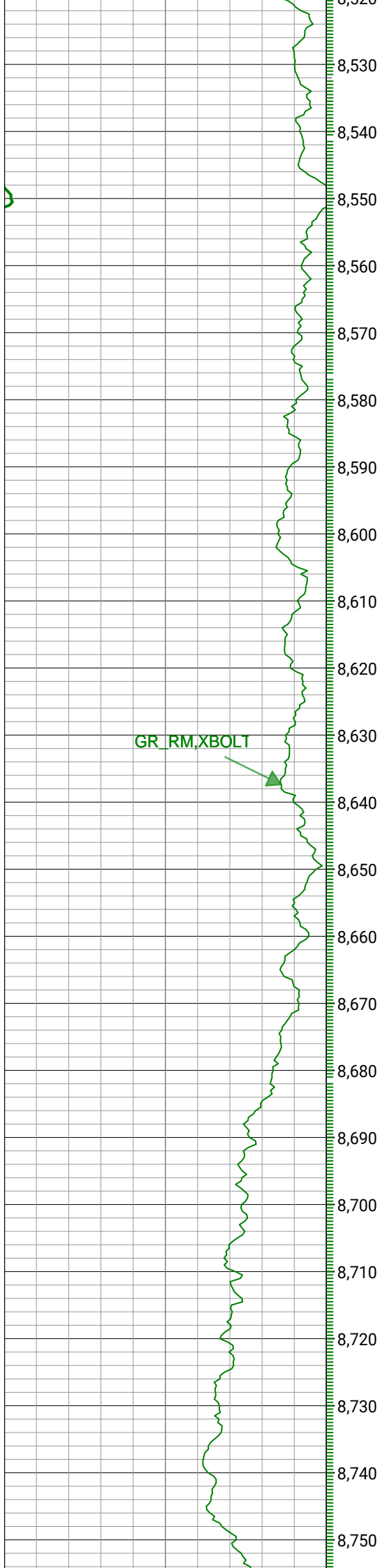
TEMP_RT,XBOLT



Azim: 179.65 Incl: 90.66
TVD: 6673.5

Azim: 182.52 Incl: 90.9
TVD: 6672.28



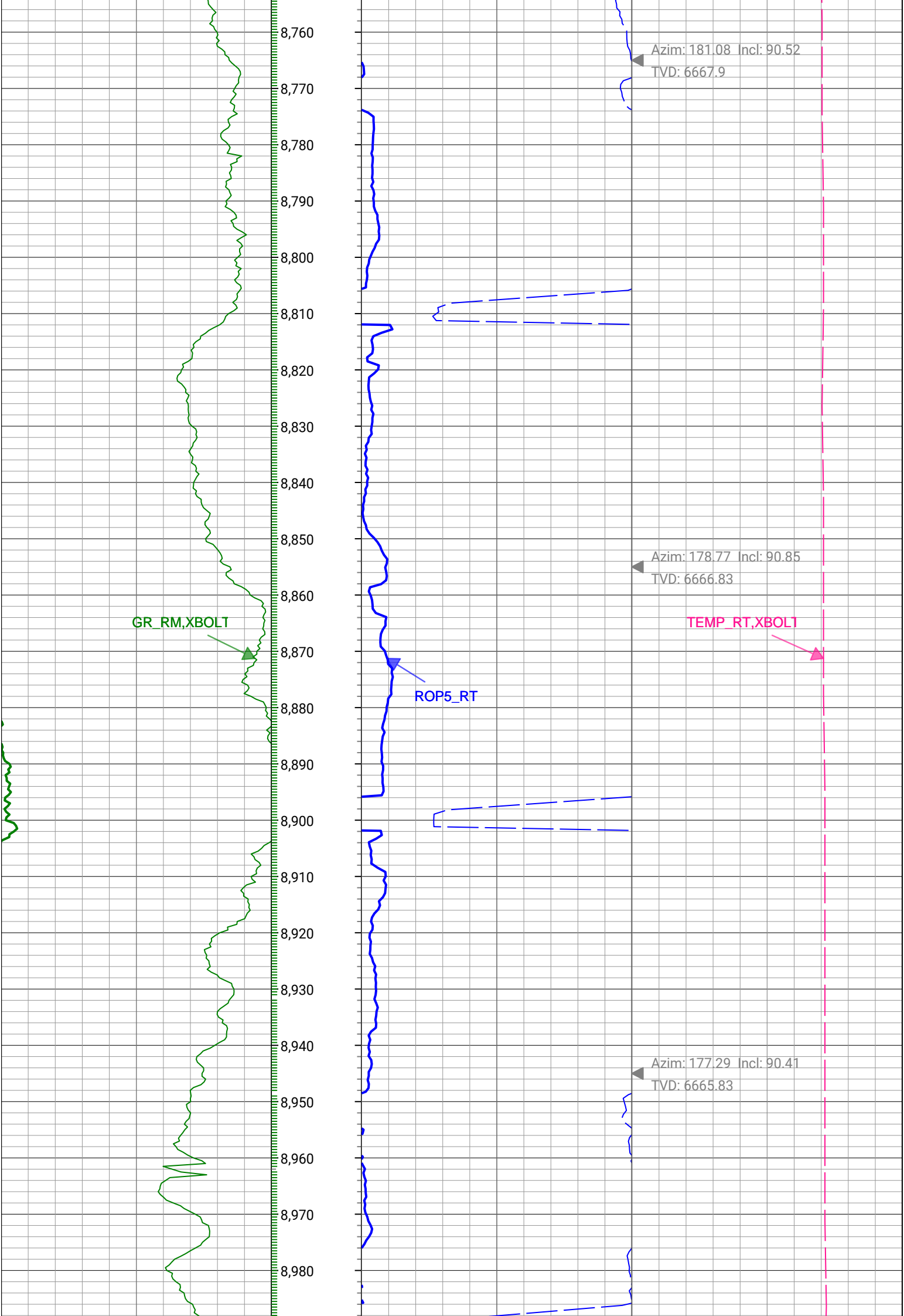


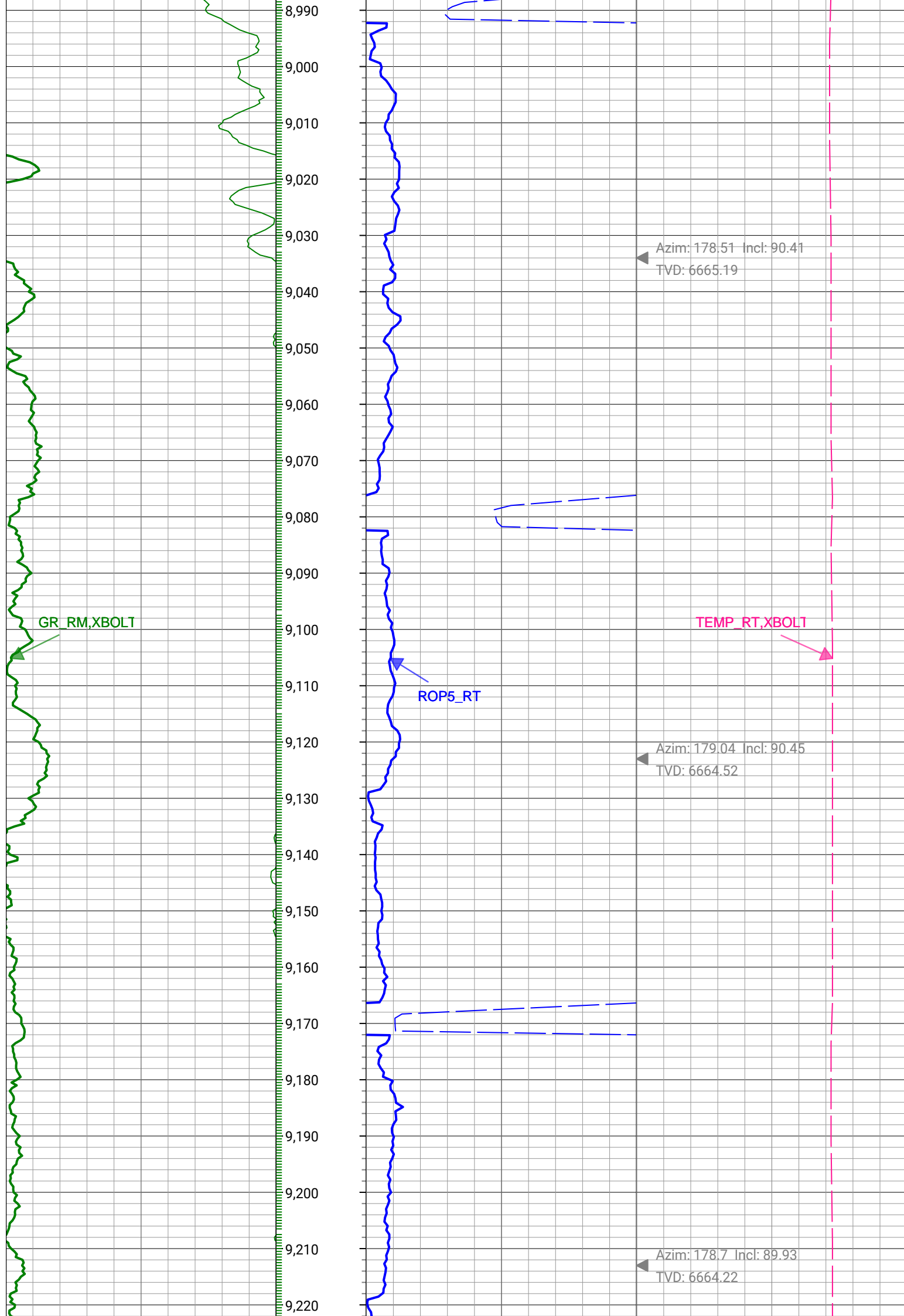
▲ Azim: 181.59 Incl: 90.63
TVD: 6669.2

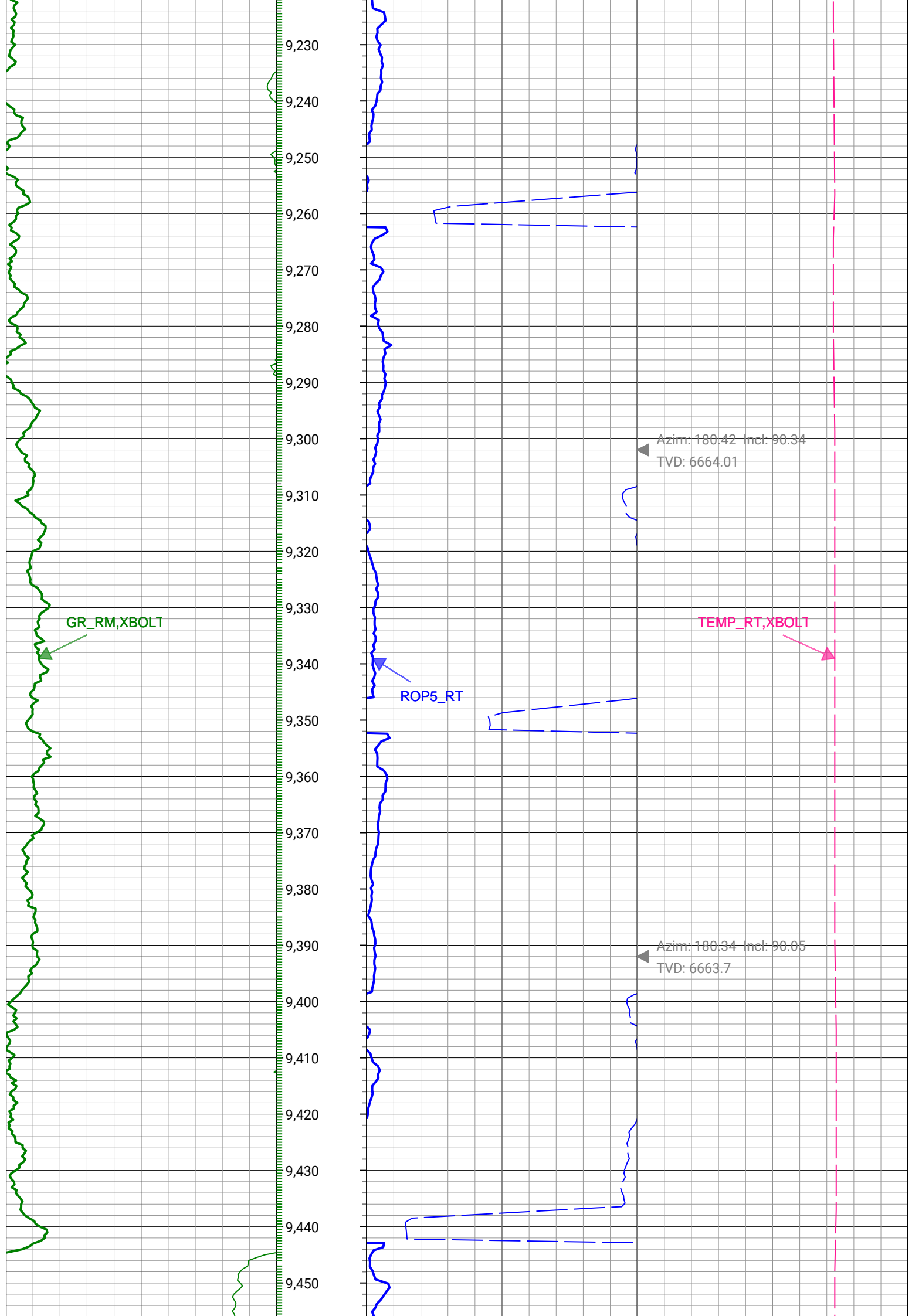
TEMP_RT, XBOLT

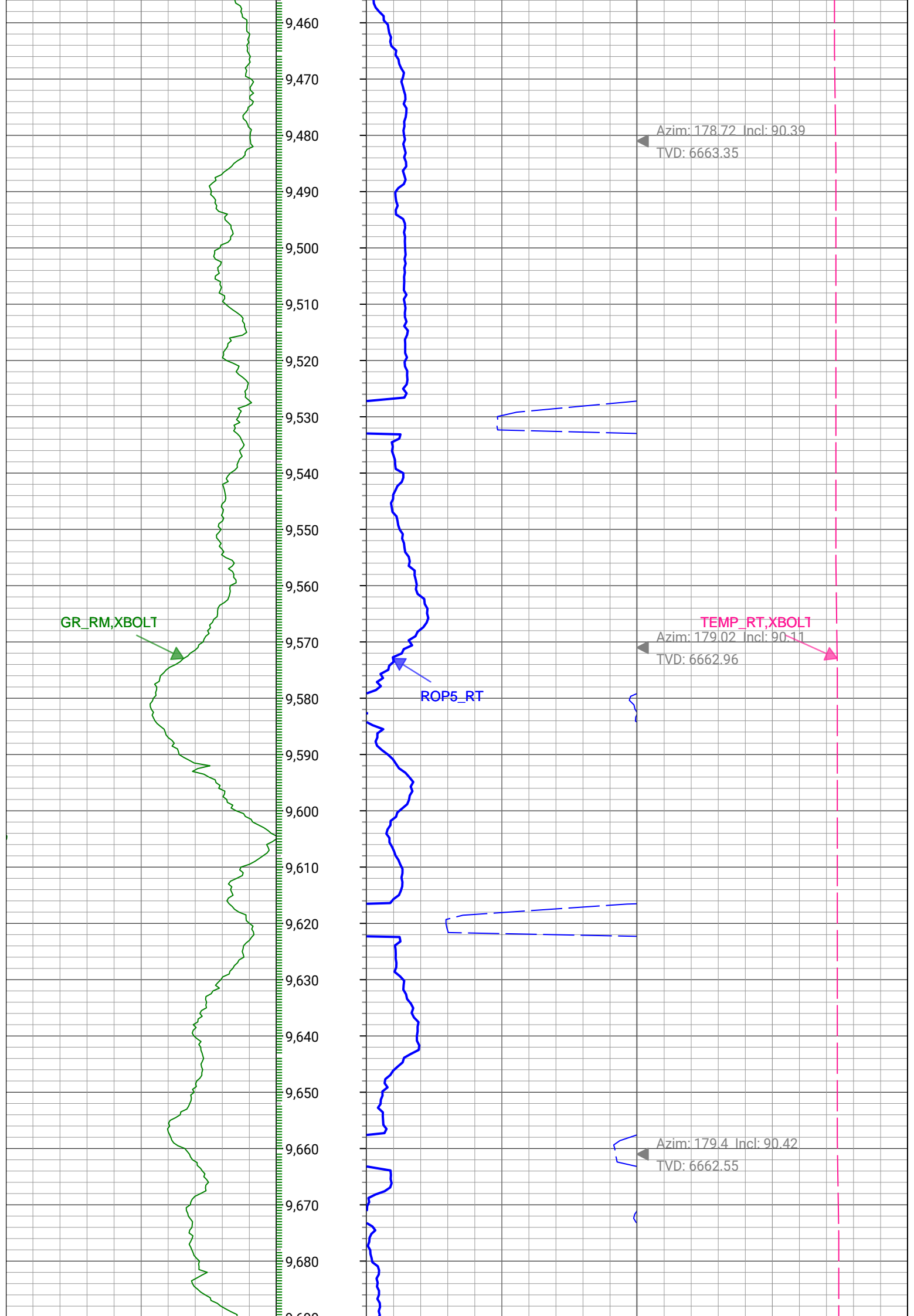
ROP5_RT

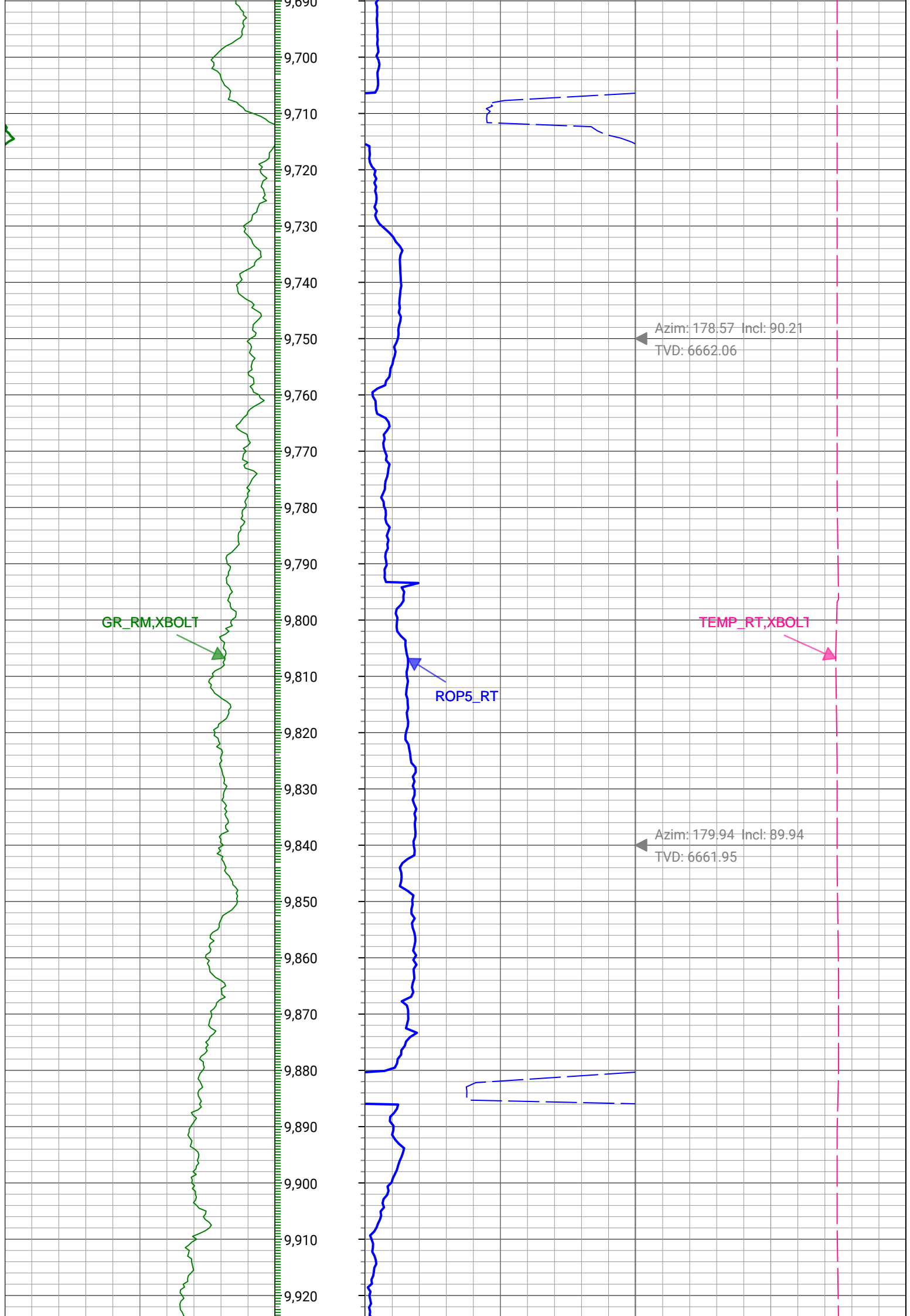
▲ Azim: 181.69 Incl: 90.26
TVD: 6668.51





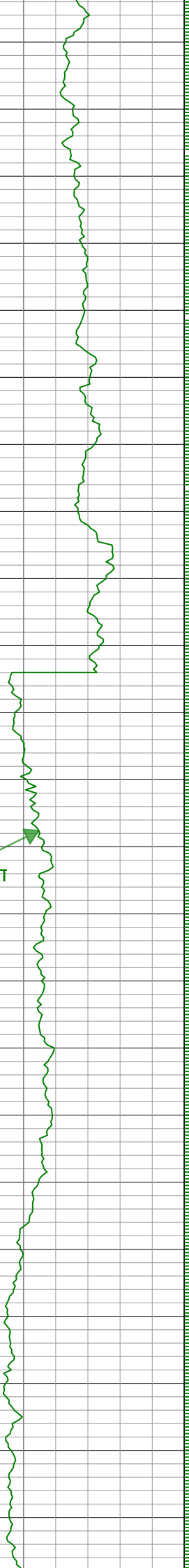






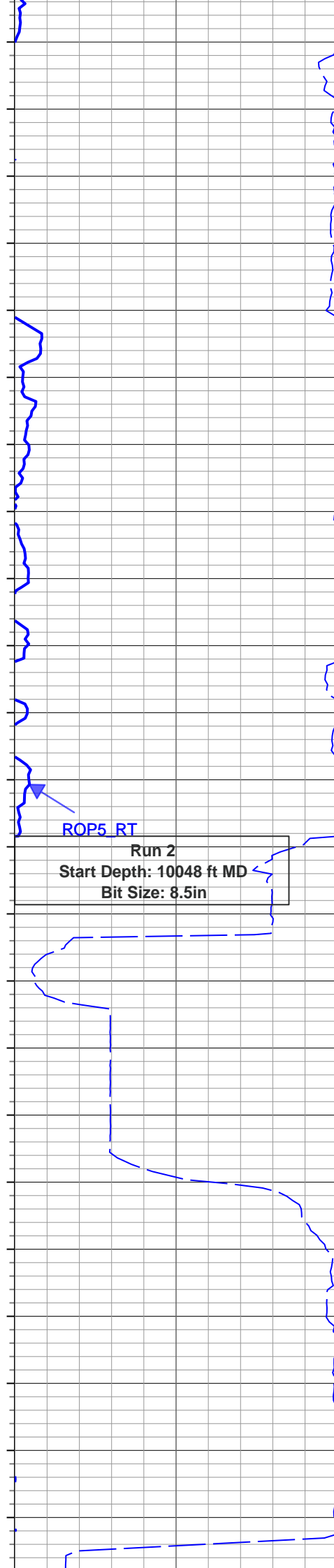
9,930
9,940
9,950
9,960
9,970
9,980
9,990
10,000
10,010
10,020
10,030
10,040
10,050
10,060
10,070
10,080
10,090
10,100
10,110
10,120
10,130
10,140
10,150

GR_RM,XBOLT



Run 2
Start Depth: 10048 ft MD
Bit Size: 8.5in

ROP5_RT

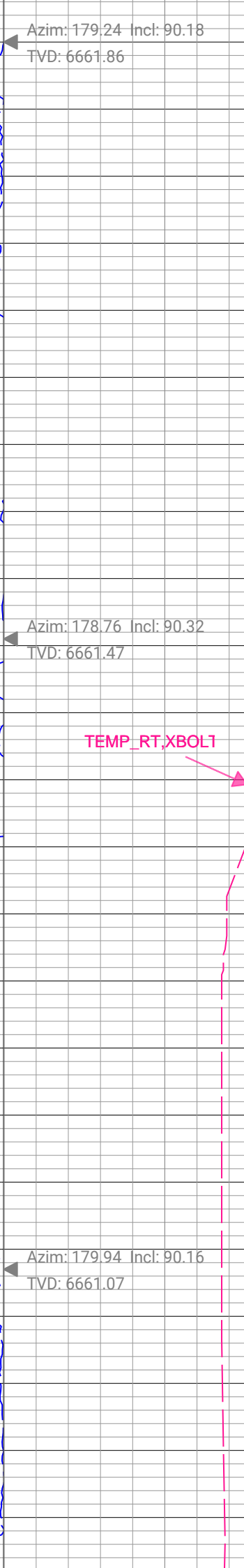


Azim: 179.24 Incl: 90.18
TVD: 6661.86

Azim: 178.76 Incl: 90.32
TVD: 6661.47

TEMP_RT,XBOLT

Azim: 179.94 Incl: 90.16
TVD: 6661.07



GR_RM,XBOLT



ROP5_RT



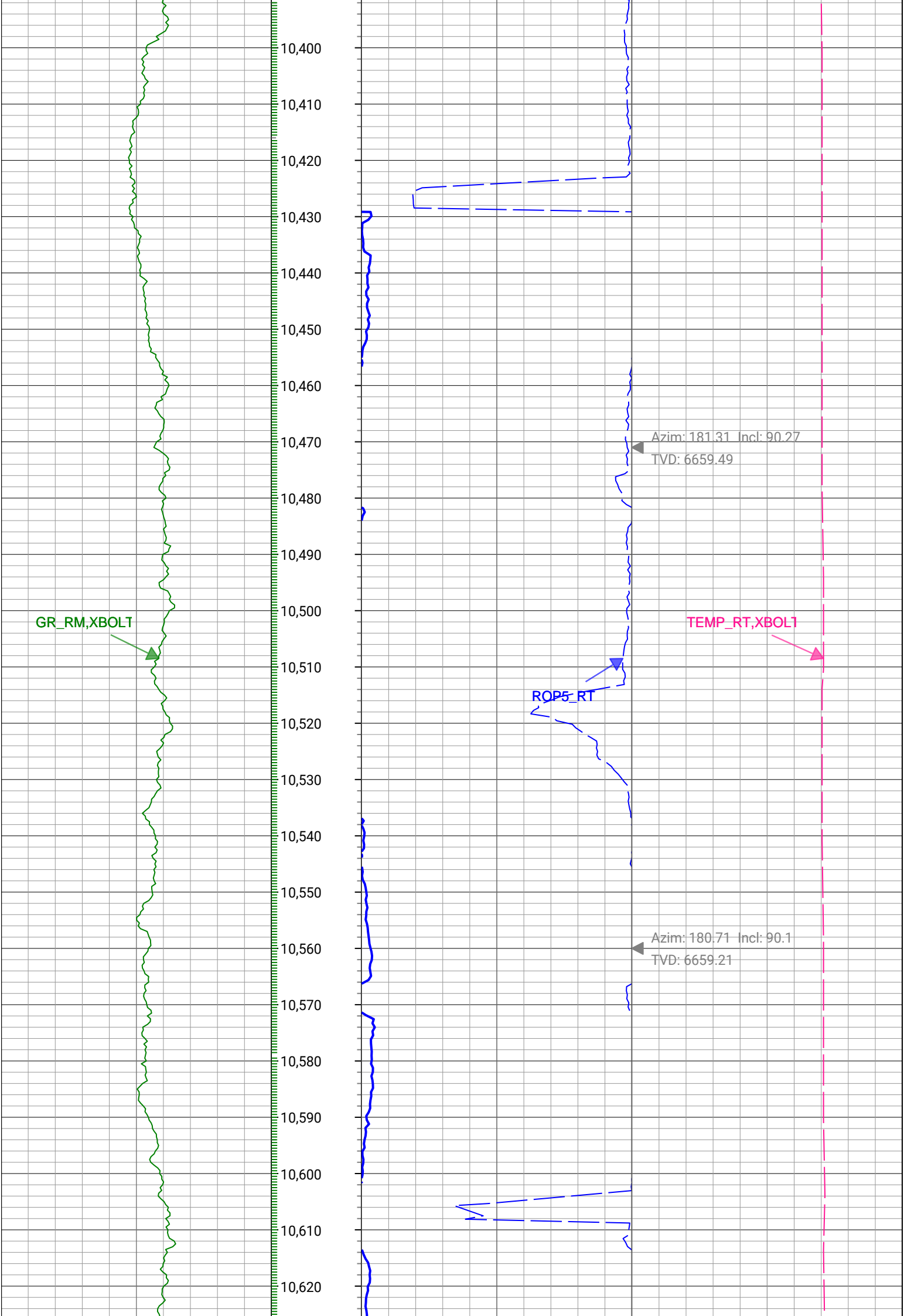
TEMP_RT,XBOLT1



Azim: 180.69 Incl: 90.38
TVD: 6660.66

Azim: 181.34 Incl: 90.29
TVD: 6660.14

Azim: 181.1 Incl: 90.13
TVD: 6659.81



GR_RM,XBOLT



ROP5_RT



TEMP_RT,XBOLT



Azim: 180.95 Incl: 90.38
TVD: 6658.83

Azim: 181.35 Incl: 90.37
TVD: 6658.25

Azim: 181.12 Incl: 90.36
TVD: 6657.68

GR_RM,XBOLT



ROP5_RT

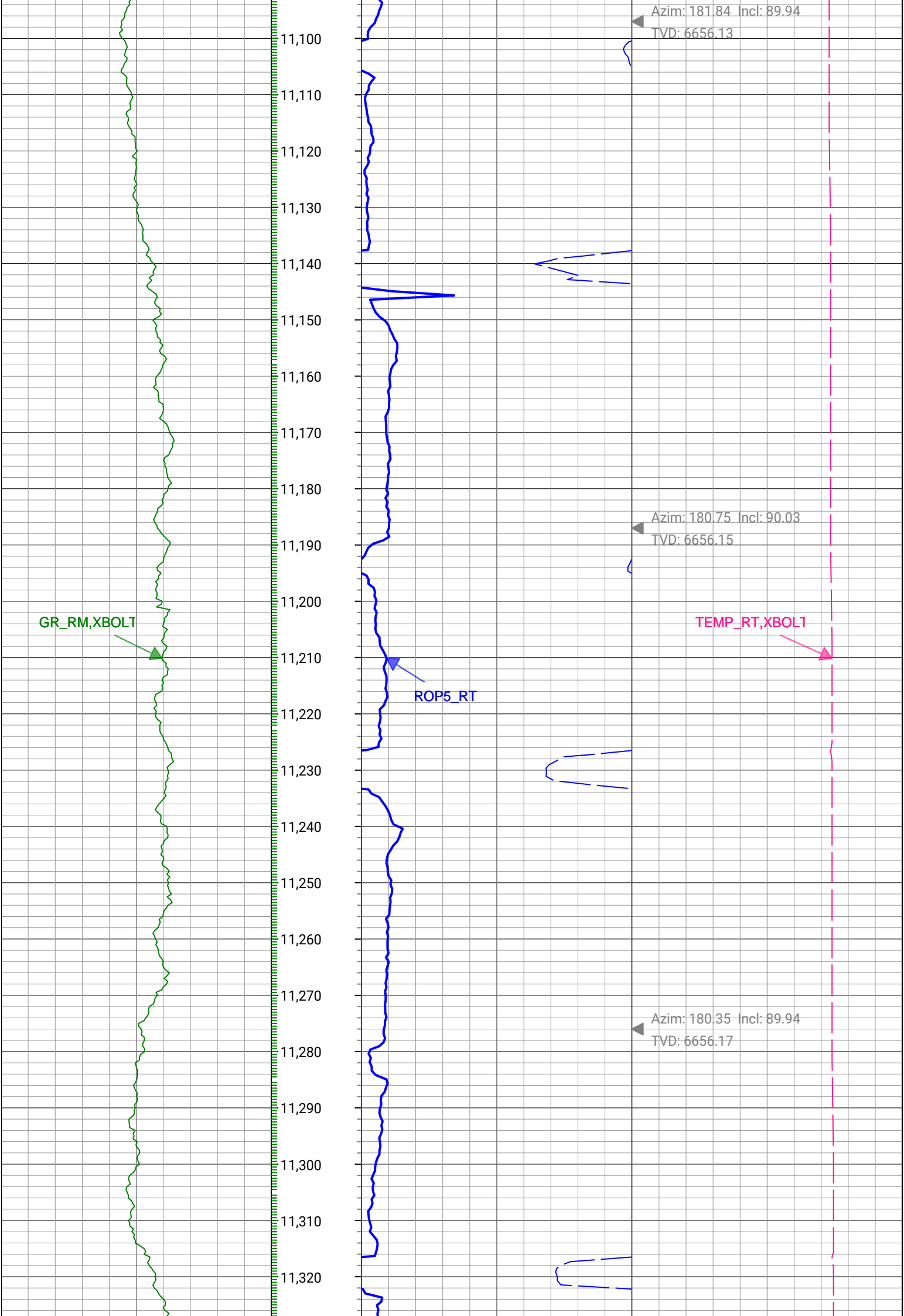


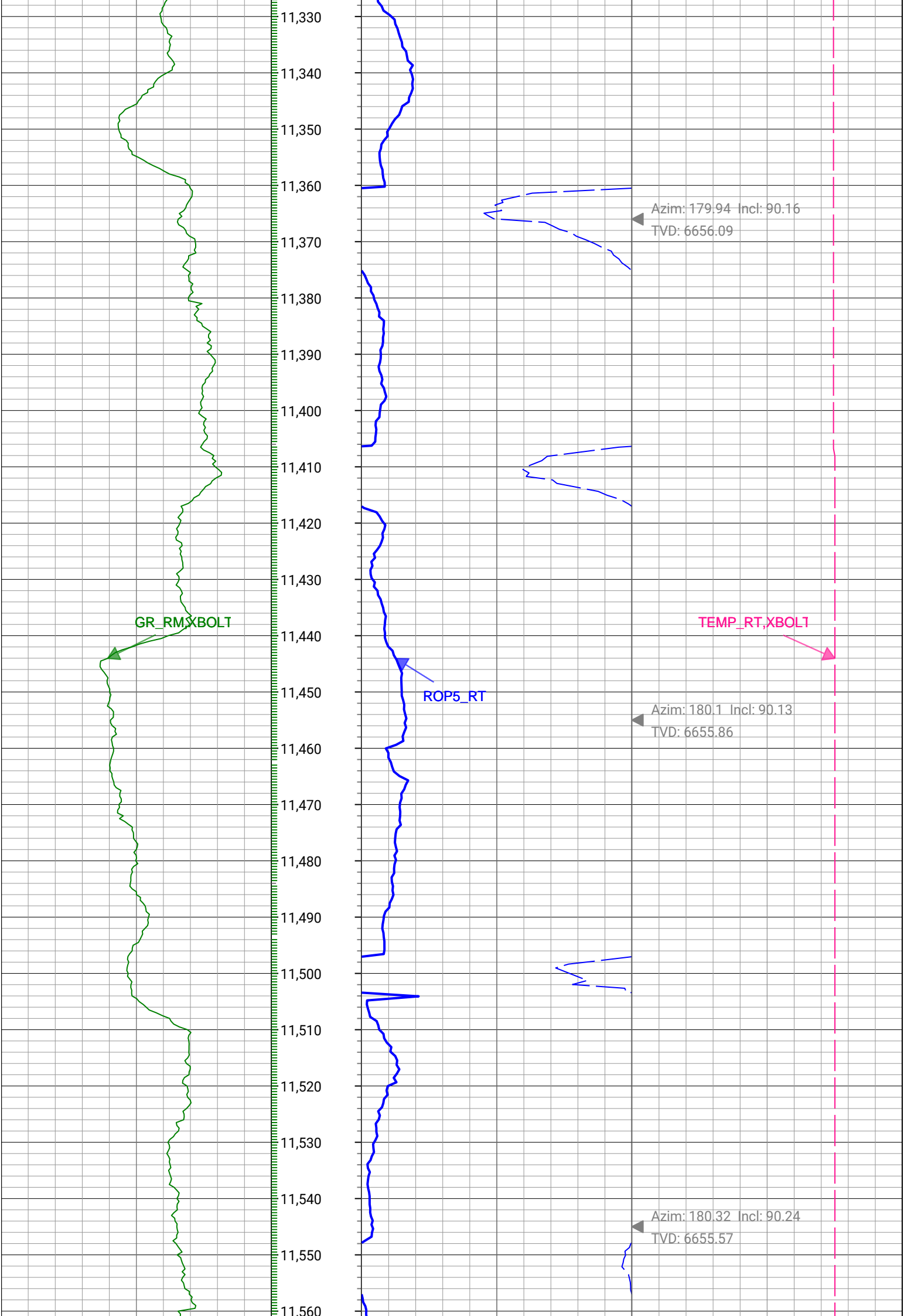
TEMP_RT,XBOLT



Azim: 181,1 Incl: 90.39
TVD: 6657.09

Azim: 181.91 Incl: 90.45
TVD: 6656.43





GR_RM,XBOLT



ROP5_RT



TEMP_RT,XBOLT



Azim: 179.89 Incl: 90.24
TVD: 6655.2

Azim: 179.45 Incl: 90.14
TVD: 6654.9

GR_RM, XBOLT



ROP5_RT



Azim: 179.65 Incl: 90.28
TVD: 6654.57



Azim: 180.17 Incl: 90.26
TVD: 6654.57



TEMP_RT, XBOLT



Azim: 180.05 Incl: 90.1
TVD: 6653.87



GR_RM,XBOLT



ROP5_RT



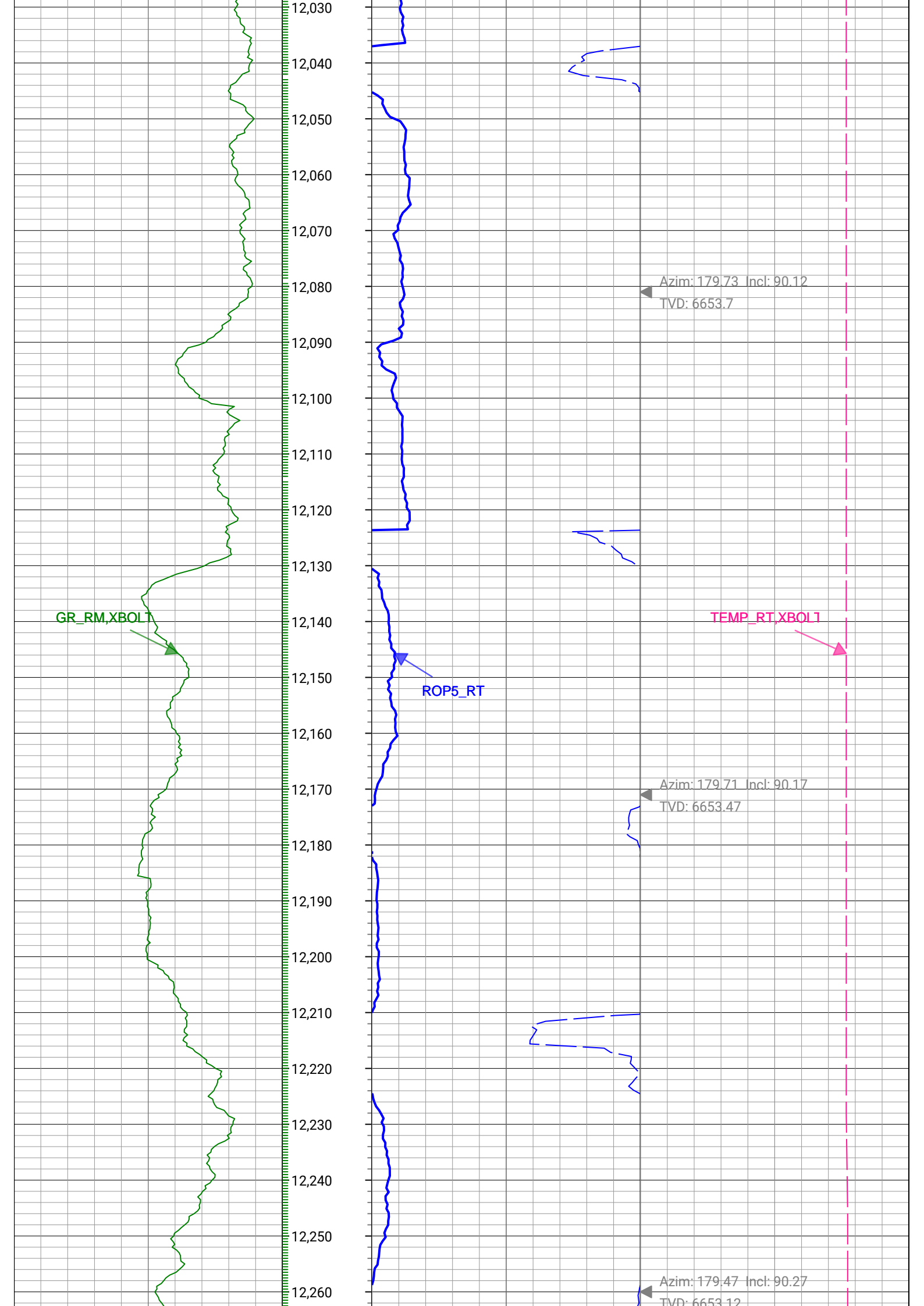
TEMP_RT,XBOLT



Azim: 179.73 Incl: 90.12
TVD: 6653.7

Azim: 179.71 Incl: 90.17
TVD: 6653.47

Azim: 179.47 Incl: 90.27
TVD: 6653.12



GR_RM,XBOLT



ROP5_RT



TEMP_RT,XBOLT



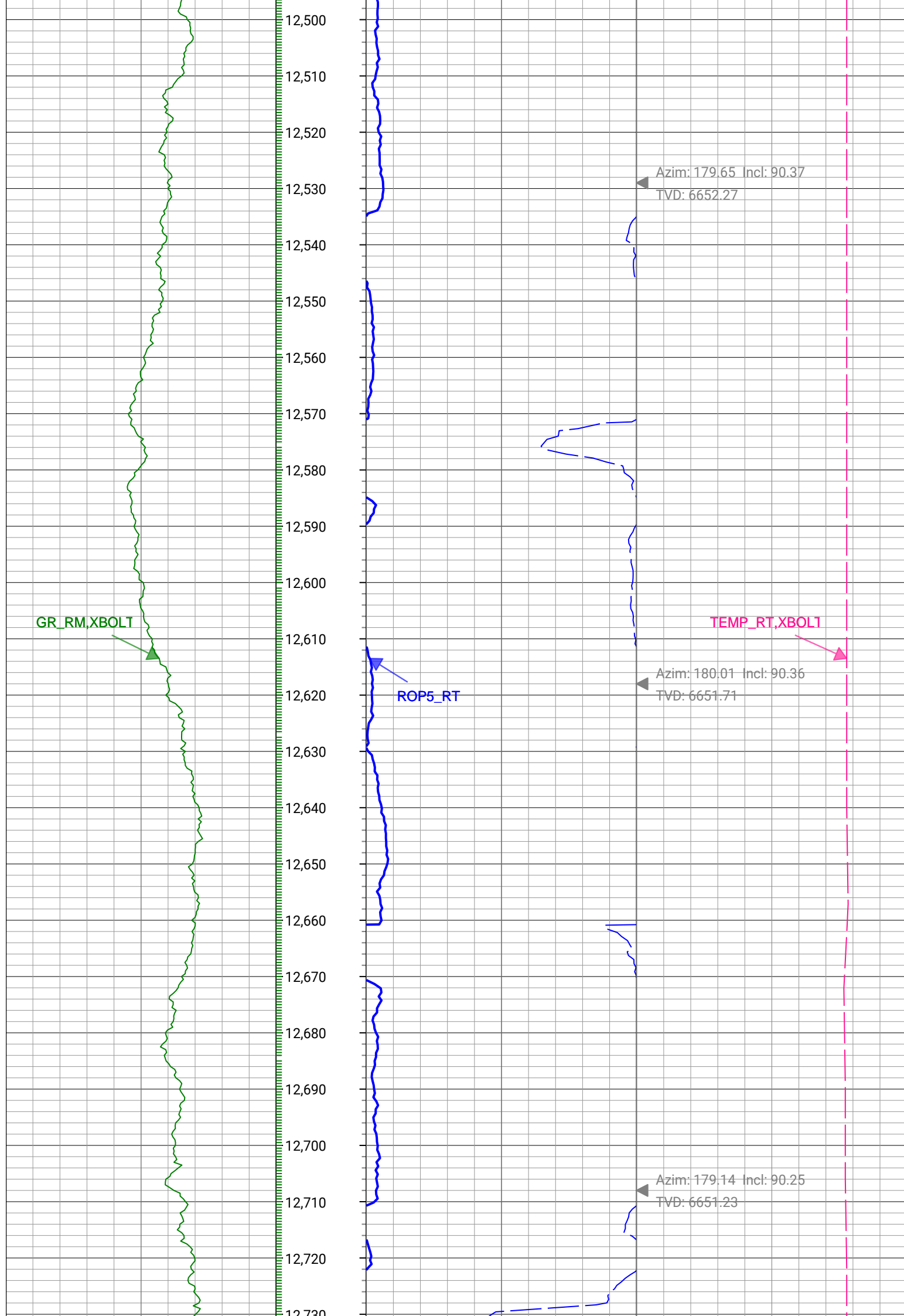
Azim: 179.72 Incl: 90.12
TVD: 6652.82



Azim: 179.77 Incl: 90.11
TVD: 6652.64



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12,280
12,290
12,300
12,310
12,320
12,330
12,340
12,350
12,360
12,370
12,380
12,390
12,400
12,410
12,420
12,430
12,440
12,450
12,460
12,470
12,480
12,490



GR_RM,XBOLT



ROP5_RT



TEMP_RT,XBOLT



Azim: 179.66 Incl: 90.16
TVD: 6650.91

Azim: 180.21 Incl: 90.08
TVD: 6650.72

GR_RM,XBOLT



ROP5_RT



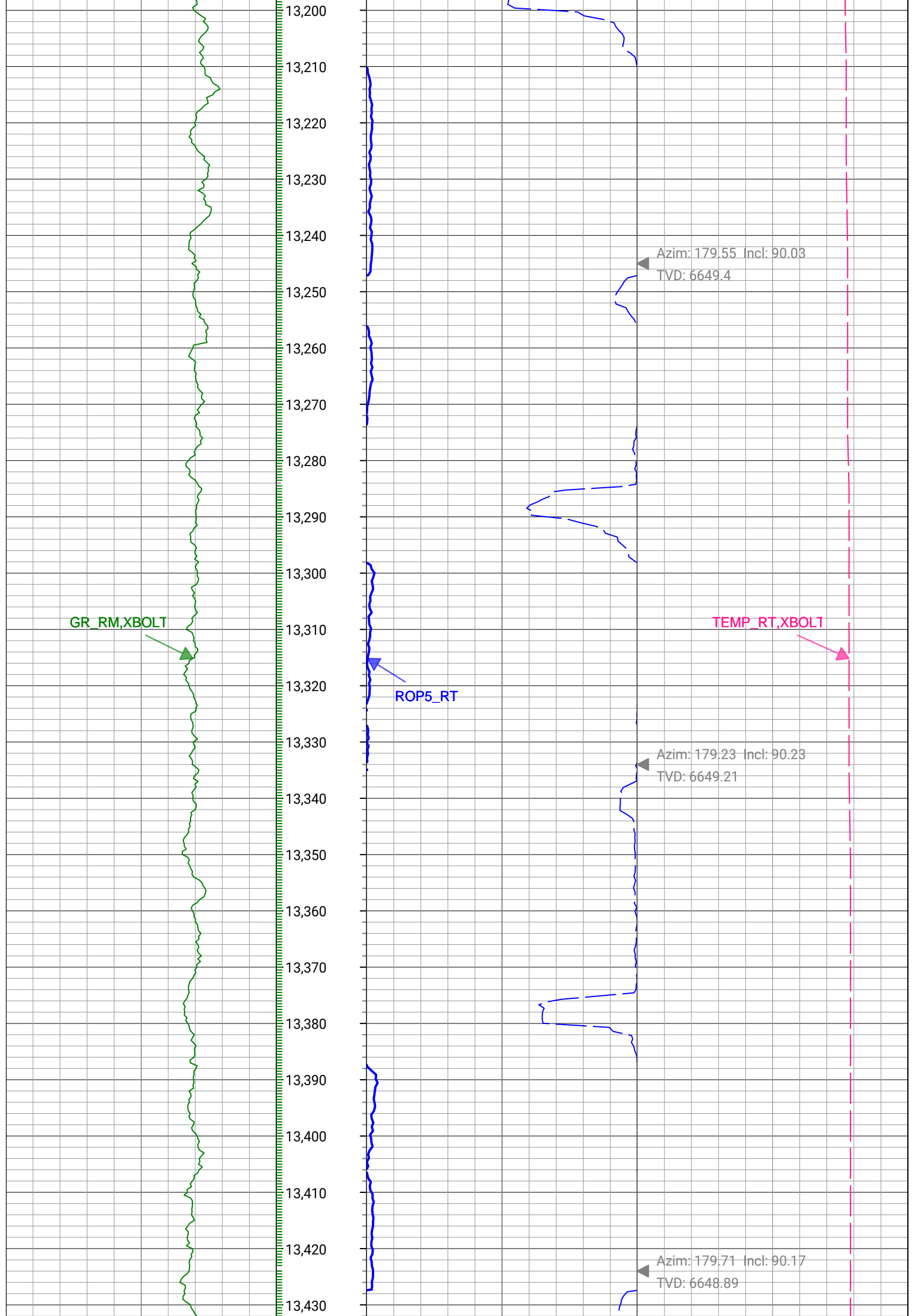
TEMP_RT,XBOLT



Azim: 179.71 Incl: 90.41
TVD: 6650.33

Azim: 179.53 Incl: 90.09
TVD: 6649.93

Azim: 179.39 Incl: 90.28
TVD: 6649.64



GR_RM,XBOLT



TEMP_RT,XBOLT1



ROP5_RT

Azim: 180.48 Incl: 90.03
TVD: 6648.73

Azim: 179.18 Incl: 90.12
TVD: 6648.62

13,440
13,450
13,460
13,470
13,480
13,490
13,500
13,510
13,520
13,530
13,540
13,550
13,560
13,570
13,580
13,590
13,600
13,610
13,620
13,630
13,640
13,650
13,660

GR_RM,XBOLT

ROP5_RT

TEMP_RT,XBOLT

Azim: 179.63 Incl: 90.43
TVD: 6648.19

Azim: 180.2 Incl: 90.13
TVD: 6647.75

Azim: 179.7 Incl: 90.05
TVD: 6647.61

GR_RM,XBOLT



ROP5_RT



TEMP_RT,XBOLT



Azim: 179.74 Incl: 90.32
TVD: 6647.32

Azim: 179.54 Incl: 90
TVD: 6647.07

GR_RM,XBOLT



ROP5_RT



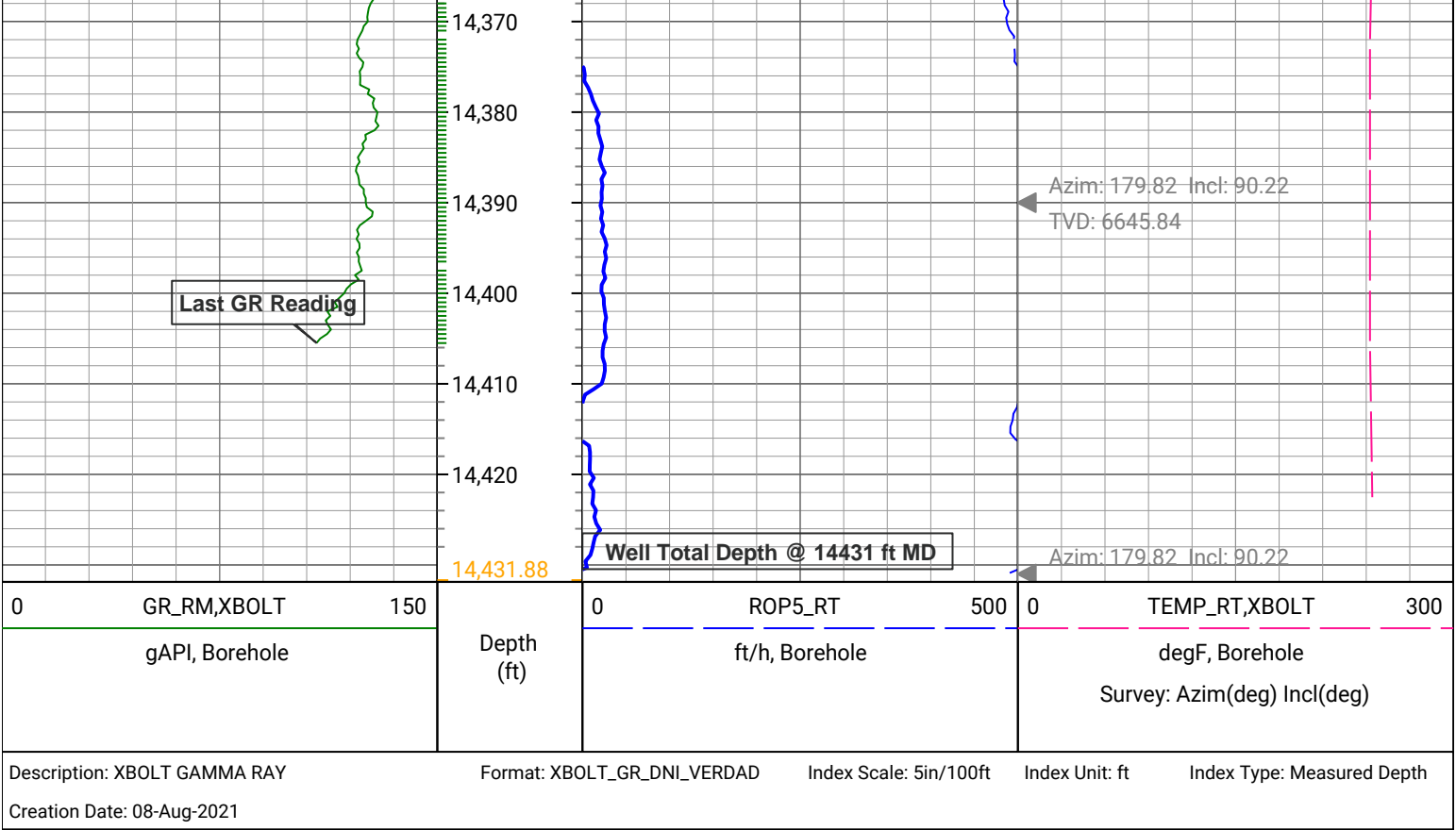
TEMP_RT,XBOLT



Azim: 179.84 Incl: 90.19
TVD: 6646.91

Azim: 180.08 Incl: 90.39
TVD: 6646.46

Azim: 179.84 Incl: 90.13
TVD: 6646.05



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:	01-Aug-2021 17:00:00
Location B:	51853.444(nT)	Location G:	999.019(mgn)
Magnetic Dip:	66.472(deg)	Magnetic Dec:	8.008(deg)
Total Correction:	8.008		

D&I Inits - Run - 2

Geomagnetic Model:	HDGM 2021	Geomagnetic Date:	30-Jul-2021 17:00:00
Location B:	51853.444(nT)	Location G:	999.019(mgn)
Magnetic Dip:	66.472(deg)	Magnetic Dec:	8.008(deg)
Total Correction:	8.008		

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	0.44	136.94	157	0.3	-0.38	0.36	0.32	0.52	136.94	MWD
217	0.19	169.33	217	0.52	-0.65	0.53	0.5	0.84	140.58	MWD
299	1.13	313.99	298.99	0.22	-0.22	-0.02	1.57	0.22	186.32	MWD
388	2.44	321.35	387.95	-1.45	1.87	-1.84	1.49	2.62	315.47	MWD
478	4.46	327.19	477.78	-5.16	6.31	-4.93	2.28	8.01	321.98	MWD
568	6.83	326.76	567.34	-11.42	13.73	-9.76	2.63	16.84	324.58	MWD
658	9.21	320.52	656.45	-19.7	23.76	-17.28	2.81	29.38	323.98	MWD
748	11.48	311.95	744.99	-28.68	35.31	-28.52	3.04	45.39	321.07	MWD
838	13.44	300.56	832.87	-38.03	47.06	-42.24	3.25	64.58	317.06	MWD

638	13.44	309.36	832.87	-38.03	47.96	-43.24	2.23	64.38	317.96	MWD
928	14.82	307.96	920.14	-47.95	61.7	-60.38	1.59	86.33	315.62	MWD
1018	17.18	306.65	1006.65	-58.58	76.72	-80.13	2.65	110.93	313.76	MWD
1108	17.96	307.42	1092.45	-70.13	93.09	-101.81	0.9	137.95	312.44	MWD
1198	17.87	310.04	1178.09	-82.63	110.4	-123.4	0.9	165.58	311.82	MWD
1288	16.91	309.19	1263.97	-95.15	127.56	-144.12	1.1	192.46	311.51	MWD
1378	17.38	309.18	1349.97	-107.32	144.32	-164.69	0.52	218.97	311.23	MWD
1468	17.72	308.04	1435.78	-119.53	161.25	-185.89	0.54	246.08	310.94	MWD
1558	17.08	307.2	1521.67	-131.22	177.68	-207.21	0.76	272.96	310.61	MWD
1648	16.43	308.35	1607.84	-142.55	193.57	-227.72	0.81	298.87	310.37	MWD
1738	16.01	309.53	1694.26	-153.98	209.37	-247.27	0.59	324	310.25	MWD
1757	15.86	309.17	1712.53	-156.38	212.67	-251.3	0.95	329.22	310.24	MWD
1877	16.66	311.48	1827.73	-172.4	234.43	-276.91	0.86	362.81	310.25	MWD
1966	17.25	311.25	1912.86	-185.17	251.58	-296.39	0.67	388.76	310.32	MWD
2055	17.41	311.59	1997.82	-198.25	269.12	-316.27	0.21	415.27	310.39	MWD
2145	17.43	311.57	2083.69	-211.6	287	-336.43	0.02	442.21	310.47	MWD
2234	17.04	310.49	2168.7	-224.44	304.31	-356.31	0.57	468.58	310.5	MWD
2324	17.14	311.85	2254.73	-237.38	321.72	-376.22	0.46	495.02	310.53	MWD
2413	17.36	311.44	2339.72	-250.48	339.25	-395.94	0.28	521.4	310.59	MWD
2503	17.49	312.61	2425.59	-264.01	357.29	-415.96	0.42	548.34	310.66	MWD
2592	17.1	311.23	2510.57	-277.26	374.97	-435.64	0.64	574.79	310.72	MWD
2682	17.35	311.48	2596.53	-290.37	392.58	-455.64	0.29	601.44	310.75	MWD
2771	17.24	311.89	2681.51	-303.52	410.18	-475.4	0.18	627.9	310.79	MWD
2860	17.32	312.4	2766.49	-316.85	427.92	-495.01	0.19	654.33	310.84	MWD
2950	17.3	312.7	2852.42	-330.51	446.03	-514.74	0.1	681.1	310.91	MWD
3039	17.19	311.61	2937.41	-343.81	463.73	-534.3	0.39	707.48	310.96	MWD
3128	17.32	311.01	3022.41	-356.78	481.16	-554.13	0.25	733.87	310.97	MWD
3218	17.22	313.24	3108.35	-370.23	499.08	-573.94	0.74	760.58	311.01	MWD
3307	16.9	312.68	3193.44	-383.71	516.87	-593.05	0.41	786.68	311.07	MWD
3397	16.29	311.74	3279.69	-396.7	534.14	-612.08	0.74	812.38	311.11	MWD
3486	17.24	311.48	3364.9	-409.43	551.19	-631.28	1.07	838.05	311.13	MWD
3576	16.45	311.3	3451.04	-422.28	568.44	-650.85	0.88	864.13	311.13	MWD
3665	17.05	310.17	3536.26	-434.66	585.18	-670.29	0.77	889.78	311.12	MWD
3755	17.09	312.13	3622.3	-447.57	602.56	-690.18	0.64	916.2	311.12	MWD
3844	17.01	311.72	3707.38	-460.64	620	-709.6	0.16	942.3	311.14	MWD
3934	17.37	311.97	3793.36	-473.93	637.74	-729.41	0.41	968.9	311.16	MWD
4024	17.4	311.65	3879.25	-487.34	655.67	-749.46	0.11	995.79	311.18	MWD
4113	17.3	312.29	3964.2	-500.65	673.43	-769.19	0.24	1022.33	311.2	MWD
4202	17.44	311.96	4049.14	-514.04	691.25	-788.9	0.19	1048.9	311.23	MWD
4292	17.38	312.35	4135.02	-527.61	709.32	-808.87	0.15	1075.83	311.25	MWD
4381	17.47	312.85	4219.93	-541.23	727.36	-828.48	0.2	1102.47	311.28	MWD
4471	17.05	311.84	4305.88	-554.77	745.35	-848.22	0.57	1129.17	311.31	MWD
4560	17.33	312.56	4390.9	-568.05	763.02	-867.71	0.39	1155.47	311.33	MWD
4650	17.62	311.82	4476.75	-581.69	781.17	-887.73	0.41	1182.49	311.35	MWD
4739	17.08	311.23	4561.7	-594.82	798.77	-907.6	0.63	1209.04	311.35	MWD
4829	17.09	312.41	4647.73	-608.01	816.4	-927.3	0.39	1235.47	311.36	MWD
4918	17.5	311.96	4732.71	-621.36	834.16	-946.91	0.49	1261.92	311.38	MWD
5008	17.3	312.12	4818.59	-634.88	852.18	-966.89	0.23	1288.83	311.39	MWD
5098	17.37	311.9	4904.5	-648.34	870.13	-986.81	0.11	1315.65	311.4	MWD
5187	17.34	311.73	4989.45	-661.59	887.83	-1006.6	0.07	1342.2	311.41	MWD

5276	17.28	314.6	5074.42	-675.34	905.94	-1025.91	0.96	1368.66	311.45	MWD
5366	17.23	311.85	5160.37	-689.23	924.22	-1045.36	0.91	1395.34	311.48	MWD
5455	17.35	311.34	5245.35	-702.34	941.79	-1065.14	0.22	1421.79	311.48	MWD
5545	16.88	310.44	5331.36	-715.19	959.13	-1085.17	0.6	1448.28	311.47	MWD
5634	16.93	312.57	5416.52	-727.98	976.27	-1104.54	0.7	1474.15	311.47	MWD
5723	16.59	310.21	5501.74	-740.62	993.24	-1123.79	0.86	1499.81	311.47	MWD
5813	17.51	311.34	5587.78	-753.37	1010.48	-1143.77	1.09	1526.2	311.46	MWD
5902	17.11	311.6	5672.75	-766.45	1028.02	-1163.61	0.46	1552.68	311.46	MWD
5992	17.08	311.63	5758.77	-779.57	1045.58	-1183.39	0.04	1579.14	311.46	MWD
6081	15.85	305.04	5844.13	-790.84	1061.25	-1203.12	2.5	1604.29	311.41	MWD
6171	14.33	267.21	5931.23	-792.86	1067.78	-1224.36	10.88	1624.56	311.09	MWD
6260	16.73	240.41	6017.08	-781.57	1060.91	-1246.52	8.41	1636.87	310.4	MWD
6350	18.34	224.09	6102.95	-761	1044.33	-1267.65	5.73	1642.43	309.48	MWD
6439	20.52	213.34	6186.9	-734.62	1021.23	-1285.98	4.7	1642.15	308.45	MWD
6529	25.88	206.61	6269.61	-700.91	990.46	-1303.46	6.63	1637.08	307.23	MWD
6618	32.76	199.63	6347.18	-658.2	950.35	-1320.28	8.62	1626.75	305.75	MWD
6707	41.61	191.47	6418.06	-604.65	898.58	-1334.28	11.36	1608.65	303.96	MWD
6797	47.99	186.21	6481.91	-541.41	835.97	-1343.85	8.2	1582.65	301.88	MWD
6886	55.07	187.04	6537.24	-472.06	766.79	-1351.91	7.99	1554.23	299.56	MWD
6976	62.38	188.92	6583.93	-395.37	690.68	-1362.62	8.31	1527.67	296.88	MWD
7065	69.2	190.42	6620.41	-314.31	610.72	-1376.27	7.82	1505.69	293.93	MWD
7154	76.32	190	6646.77	-229.4	527.11	-1391.32	8.01	1487.83	290.75	MWD
7244	81.38	184.51	6664.18	-141.45	439.58	-1402.43	8.21	1469.71	287.4	MWD
7333	86.44	178.48	6673.63	-54.48	351.18	-1404.72	8.82	1447.95	284.04	MWD
7423	89.41	178.2	6676.89	32.95	261.29	-1402.12	3.31	1426.25	280.56	MWD
7512	90.32	178.83	6677.11	119.54	172.32	-1399.81	1.24	1410.38	277.02	MWD
7602	90.34	182.24	6676.59	207.77	82.34	-1400.65	3.79	1403.07	273.36	MWD
7691	90.13	181.05	6676.23	295.35	-6.62	-1403.2	1.35	1403.22	269.73	MWD
7780	90.27	181.31	6675.93	382.8	-95.6	-1405.04	0.33	1408.29	266.11	MWD
7870	90.52	180.53	6675.3	471.16	-185.59	-1406.48	0.92	1418.68	262.48	MWD
7960	90.01	180.48	6674.88	559.39	-275.58	-1407.28	0.57	1434.01	258.92	MWD
8049	90.55	180.06	6674.45	646.57	-364.58	-1407.7	0.77	1454.15	255.48	MWD
8139	90.66	179.65	6673.5	734.59	-454.58	-1407.48	0.47	1479.06	252.1	MWD
8228	90.9	182.52	6672.28	821.99	-543.54	-1409.16	3.24	1510.36	248.91	MWD
8318	90.44	180.3	6671.23	910.49	-633.5	-1411.38	2.52	1547.04	245.83	MWD
8407	90.31	180.82	6670.65	997.75	-722.5	-1412.25	0.59	1586.33	242.91	MWD
8496	90.46	180.58	6670.05	1085.06	-811.49	-1413.33	0.31	1629.73	240.14	MWD
8586	90.63	181.59	6669.2	1173.46	-901.47	-1415.03	1.14	1677.78	237.5	MWD
8676	90.26	181.69	6668.51	1262.02	-991.43	-1417.6	0.43	1729.89	235.03	MWD
8765	90.52	181.08	6667.9	1349.53	-1080.4	-1419.75	0.74	1784.08	232.73	MWD
8855	90.85	178.77	6666.83	1437.57	-1170.39	-1419.63	2.59	1839.88	230.5	MWD
8945	90.41	177.29	6665.83	1524.94	-1260.32	-1416.53	1.71	1896.04	228.34	MWD
9034	90.41	178.51	6665.19	1611.3	-1349.26	-1413.28	1.37	1953.93	226.33	MWD
9123	90.45	179.04	6664.52	1697.98	-1438.24	-1411.38	0.59	2015.07	224.46	MWD
9213	89.93	178.7	6664.22	1785.67	-1528.22	-1409.61	0.68	2079.05	222.69	MWD
9302	90.34	180.42	6664.01	1872.62	-1617.21	-1408.93	1.98	2144.87	221.06	MWD
9392	90.05	180.34	6663.7	1960.81	-1707.21	-1409.53	0.33	2213.9	219.54	MWD
9481	90.39	178.72	6663.35	2047.75	-1796.2	-1408.81	1.86	2282.78	218.11	MWD
9571	90.11	179.02	6662.96	2135.44	-1886.19	-1407.03	0.45	2353.18	216.72	MWD
9661	90.42	179.4	6662.55	2223.25	-1976.18	-1405.79	0.54	2425.18	215.43	MWD

9750	90.21	178.57	6662.06	2310	-2065.16	-1404.21	0.96	2497.34	214.21	MWD
9840	89.94	179.94	6661.95	2397.82	-2155.15	-1403.04	1.55	2571.61	213.06	MWD
9930	90.18	179.24	6661.86	2485.76	-2245.15	-1402.39	0.83	2647.15	211.99	MWD
10019	90.32	178.76	6661.47	2572.52	-2334.13	-1400.83	0.56	2722.23	210.97	MWD
10113	90.16	179.94	6661.07	2664.27	-2428.12	-1399.77	1.28	2802.7	209.96	MWD
10202	90.38	180.69	6660.66	2751.47	-2517.12	-1400.26	0.87	2880.38	209.09	MWD
10292	90.29	181.34	6660.14	2839.85	-2607.1	-1401.85	0.73	2960.1	208.27	MWD
10381	90.13	181.1	6659.81	2927.31	-2696.08	-1403.75	0.33	3039.63	207.5	MWD
10471	90.27	181.31	6659.49	3015.76	-2786.06	-1405.64	0.28	3120.57	206.77	MWD
10560	90.1	180.71	6659.21	3103.16	-2875.05	-1407.2	0.7	3200.96	206.08	MWD
10650	90.38	180.95	6658.83	3191.49	-2965.04	-1408.5	0.41	3282.58	205.41	MWD
10739	90.37	181.55	6658.25	3278.96	-3054.01	-1410.44	0.67	3363.98	204.79	MWD
10829	90.36	181.12	6657.68	3367.43	-3143.99	-1412.53	0.47	3446.72	204.19	MWD
10918	90.39	181.1	6657.09	3454.86	-3232.97	-1414.25	0.04	3528.77	203.63	MWD
11008	90.45	181.91	6656.43	3543.39	-3322.94	-1416.61	0.9	3612.3	203.09	MWD
11097	89.94	181.84	6656.13	3631.03	-3411.89	-1419.52	0.58	3695.4	202.59	MWD
11187	90.03	180.75	6656.15	3719.5	-3501.86	-1421.56	1.22	3779.4	202.09	MWD
11276	89.94	180.35	6656.17	3806.77	-3590.86	-1422.42	0.46	3862.32	201.61	MWD
11366	90.16	179.94	6656.09	3894.89	-3680.86	-1422.65	0.52	3946.22	201.13	MWD
11455	90.13	180.1	6655.86	3981.99	-3769.86	-1422.68	0.19	4029.37	200.68	MWD
11545	90.24	180.32	6655.57	4070.13	-3859.86	-1423.01	0.27	4113.81	200.24	MWD
11634	90.24	179.89	6655.2	4157.25	-3948.86	-1423.17	0.48	4197.48	199.82	MWD
11724	90.14	179.45	6654.9	4245.22	-4038.85	-1422.66	0.5	4282.09	199.4	MWD
11813	90.28	179.65	6654.57	4332.16	-4127.85	-1421.96	0.27	4365.9	199.01	MWD
11903	90.26	180.17	6654.15	4420.21	-4217.85	-1421.83	0.58	4451.05	198.63	MWD
11992	90.1	180.05	6653.87	4507.34	-4306.85	-1422	0.23	4535.53	198.27	MWD
12081	90.12	179.73	6653.7	4594.39	-4395.85	-1421.83	0.37	4620.07	197.92	MWD
12171	90.17	179.71	6653.47	4682.37	-4485.85	-1421.38	0.06	4705.65	197.58	MWD
12260	90.27	179.47	6653.12	4769.33	-4574.84	-1420.74	0.29	4790.38	197.25	MWD
12350	90.12	179.72	6652.82	4857.27	-4664.84	-1420.11	0.33	4876.21	196.93	MWD
12439	90.11	179.77	6652.64	4944.28	-4753.84	-1419.71	0.05	4961.31	196.63	MWD
12529	90.37	179.65	6652.27	5032.26	-4843.84	-1419.26	0.32	5047.48	196.33	MWD
12618	90.36	180.01	6651.71	5119.3	-4932.83	-1418.99	0.4	5132.87	196.05	MWD
12708	90.25	179.14	6651.23	5207.23	-5022.83	-1418.33	0.97	5219.24	195.77	MWD
12797	90.16	179.66	6650.91	5294.12	-5111.82	-1417.4	0.59	5304.69	195.5	MWD
12887	90.08	180.21	6650.72	5382.17	-5201.82	-1417.3	0.61	5391.45	195.24	MWD
12976	90.41	179.71	6650.33	5469.25	-5290.82	-1417.24	0.67	5477.35	195	MWD
13066	90.09	179.53	6649.93	5557.2	-5380.82	-1416.65	0.41	5564.18	194.75	MWD
13155	90.28	179.39	6649.64	5644.12	-5469.81	-1415.81	0.27	5650.08	194.51	MWD
13245	90.03	179.55	6649.4	5732.01	-5559.81	-1414.97	0.34	5737.04	194.28	MWD
13334	90.23	179.23	6649.21	5818.91	-5648.8	-1414.01	0.43	5823.09	194.05	MWD
13424	90.17	179.71	6648.89	5906.8	-5738.8	-1413.18	0.55	5910.24	193.83	MWD
13513	90.03	180.48	6648.73	5993.92	-5827.8	-1413.33	0.88	5996.73	193.63	MWD
13603	90.12	179.18	6648.62	6081.94	-5917.8	-1413.06	1.45	6084.16	193.43	MWD
13692	90.43	179.63	6648.19	6168.84	-6006.79	-1412.13	0.62	6170.55	193.23	MWD
13781	90.13	180.2	6647.75	6255.9	-6095.79	-1412	0.72	6257.19	193.04	MWD
13871	90.05	179.7	6647.61	6343.96	-6185.79	-1411.92	0.56	6344.88	192.86	MWD
13961	90.32	179.74	6647.32	6431.94	-6275.79	-1411.48	0.3	6432.56	192.68	MWD
14050	90	179.54	6647.07	6518.91	-6364.78	-1410.92	0.42	6519.29	192.5	MWD
14140	90.19	179.84	6646.91	6606.88	-6454.78	-1410.44	0.4	6607.08	192.33	MWD

14229	90.39	180.08	6646.46	6693.96	-6543.78	-1410.38	0.34	6694.05	192.16	MWD
14318	90.13	179.84	6646.05	6781.04	-6632.78	-1410.31	0.4	6781.06	192	MWD
14390	90.22	179.82	6645.84	6851.46	-6704.78	-1410.09	0.13	6851.46	191.88	MWD
14431	90.22	179.82	6645.68	6891.55	-6745.78	-1409.97	0.01	6891.56	191.81	Manual

Company:

Verdad Resources LLC

Well:

KBL 1930 11H

Field Name:

Wattenberg

Country Name:


United States

State Name:

Colorado

County Name:

Weld



XBOLT GAMMA RAY

5in/100ft Measured Depth

Final Print

Recorded Mode