

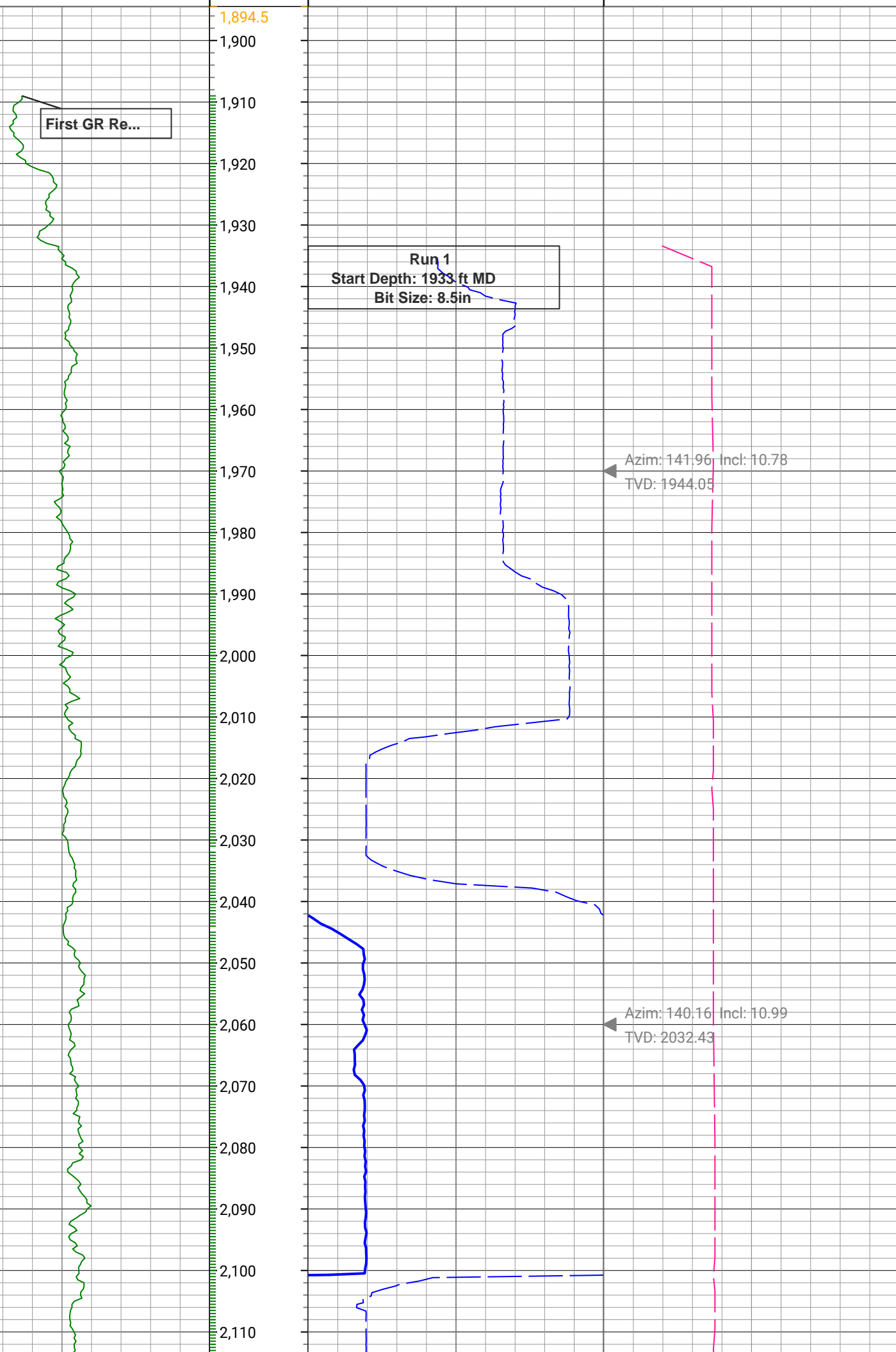
Company: Verdad Resources, LLC.		Well: Sonic Star 1101-01H		Field Name: Wildcat		Country Name: United States		State Name: Colorado		County Name: Weld	
<div>XBOLT GAMMA RAY</div> <div>5in/100ft Measured Depth</div> <div>Final Print</div> <div>Recorded Mode</div>										<div>Schlumberger</div>	
Company:		Verdad Resources, LLC.									
Well:		Sonic Star 1101-01H									
Field Name:		Wildcat									
Country Name:		United States									
State Name:		Colorado									
County Name:		Weld									
Latitude:		40°40'14.416"N			API Number:		05-123-41858				
Longitude:		104°02'56.796"W			Rig Name:		PD 464				
Spud Date:		17-Sep-2021			Rig Type:		Land				
Log Interval:		1895.50--16852.52(ft)			Job Number:		21CC00226				
Depth Source:		Driller's Depth			Print Type:		Final Print				
Log Measured From:		Drill Floor			Northing:		1490460.84(ft)				
Drill Floor Elevation:		4900.00(ft)			Easting:		3402456.51 (ft)				
Ground Level Elevation:		4879.00(ft)			Coordinate System:		NAD83 Colorado State Plane, Northern Zone, US Feet				
Permanent Datum:		Sea Level									

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	18-Sep-2021 22:23:07	DateTime Log Finished	22-Sep-2021 19:52:18
Start Depth (ft)	1933	Stop Depth (ft)	16853
Mud Type	Oil Based Mud	Mud Density (lbm/gal)	9.7
Potassium (%)	1	Barite	Yes
GR Sensor Offset (ft)	24.68	Calibration Coefficient	0
DNI Sensor Offset (ft)	39.04		

Log												
Description: XBOLT GAMMA RAY				Format: XBOLT_GR_DNI_VERDAD		Index Scale: 5in/100ft		Index Unit: ft		Index Type: Measured Depth		
Creation Date: 04-Oct-2021												
GR_RM,XBOLT			Depth	ROP5_RT				TEMP_RT,XBOLT				
0	API Borehole 150			0	ft/h Borehole 500			0	degF Borehole 300			



GR\_RM,XBOL

ROP5\_RT

TEMP\_RT,XBOL

Azim: 145.85 Incl: 10.52  
TVD: 2119.87

Azim: 144.51 Incl: 10.49  
TVD: 2208.36

Azim: 145.35 Incl: 11.01  
TVD: 2295.8

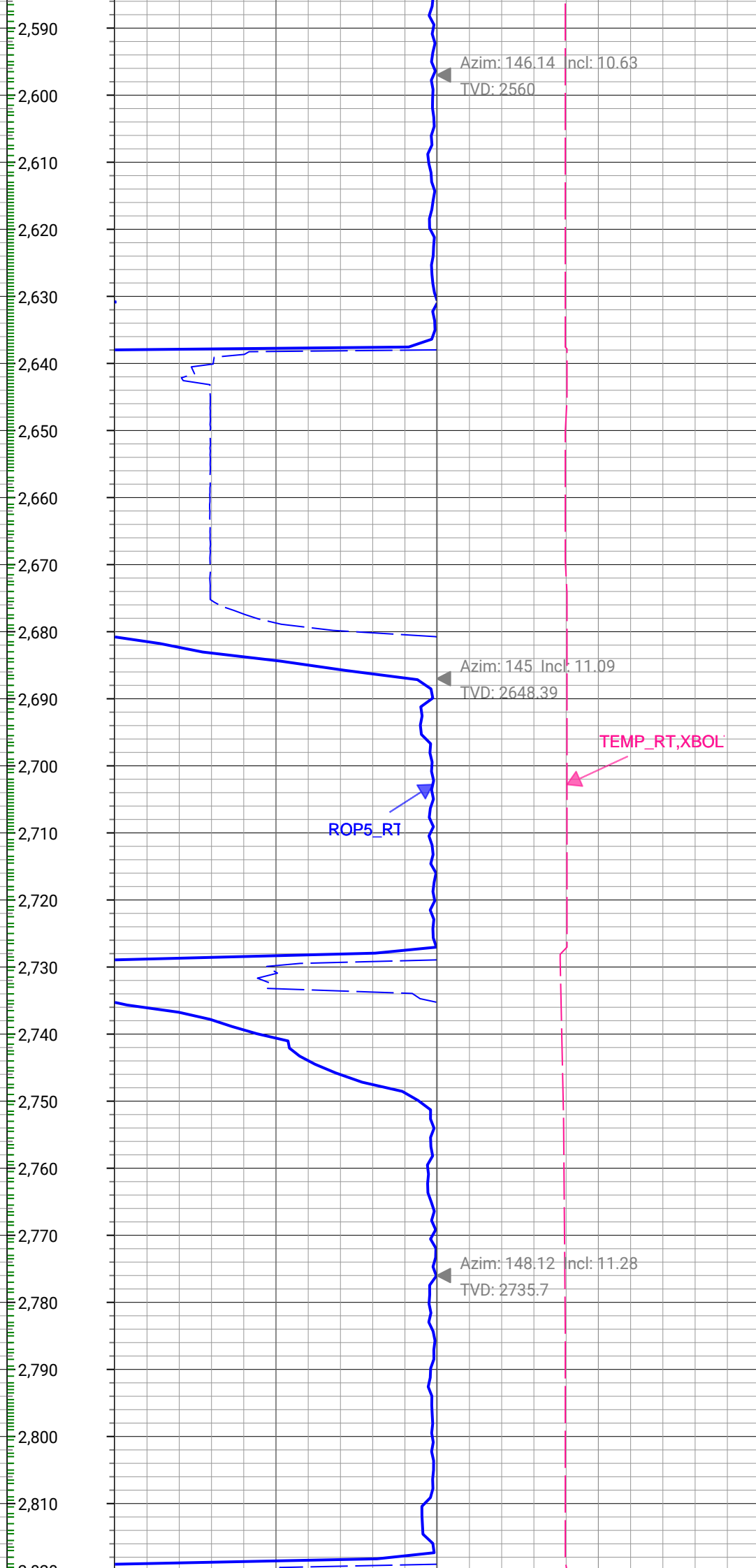
GR\_RM,XBOL

ROP5\_RT

TEMP\_RT,XBOL

Azim: 147.06 Incl: 10.83  
TVD: 2384.17

Azim: 147.43 Incl: 10.86  
TVD: 2472.56



GR\_RM,XBOL



TEMP\_RT,XBOL



ROP5\_RT

GR\_RM,XBOL

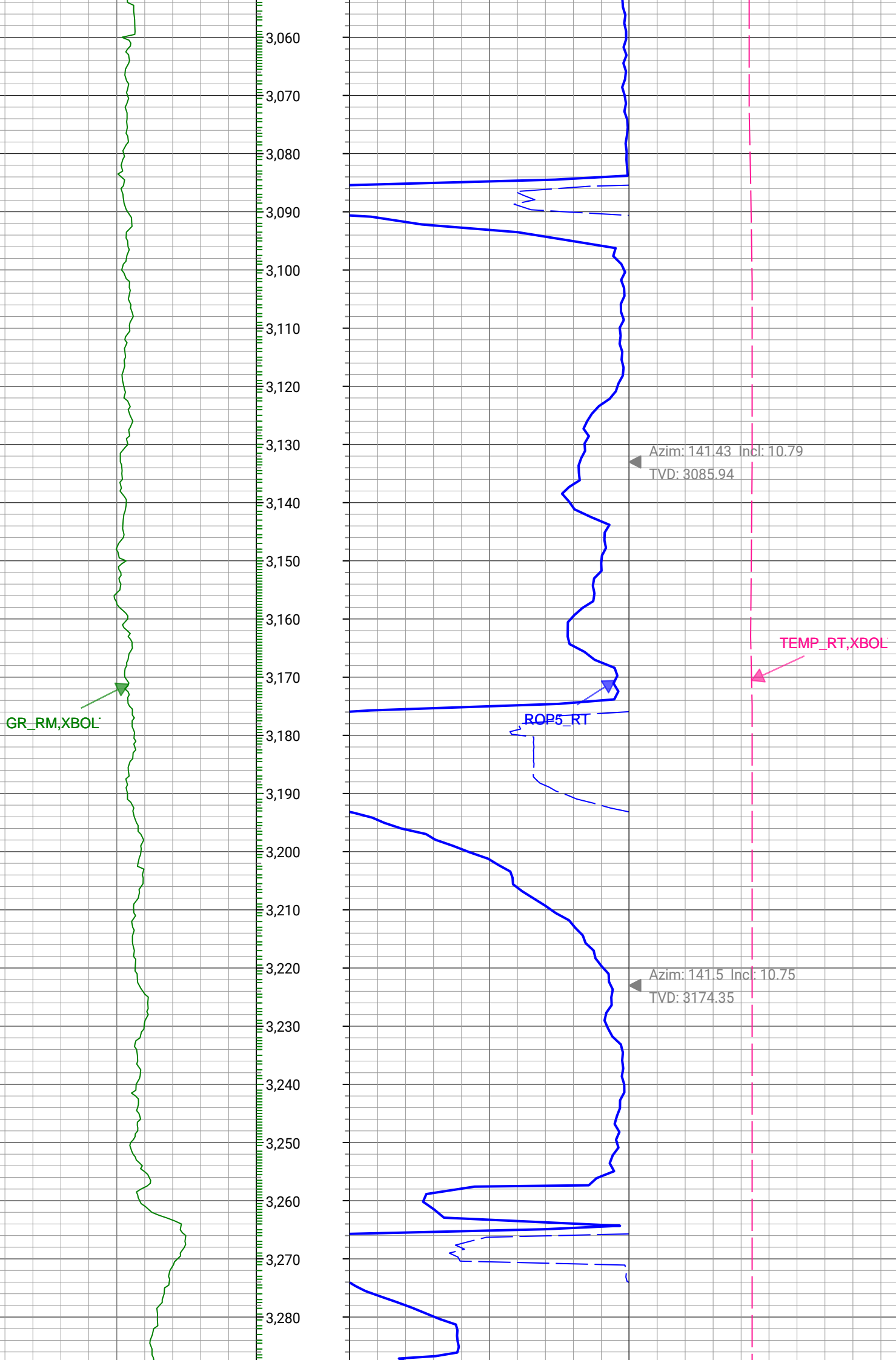
ROP5\_RT

TEMP\_RT,XBOL

Azim: 145.89 Incl: 11.31  
TVD: 2822.98

Azim: 144.23 Incl: 11.33  
TVD: 2911.23

Azim: 145.12 Incl: 11  
TVD: 2998.54



GR\_RM,XBOL

ROP5\_RT

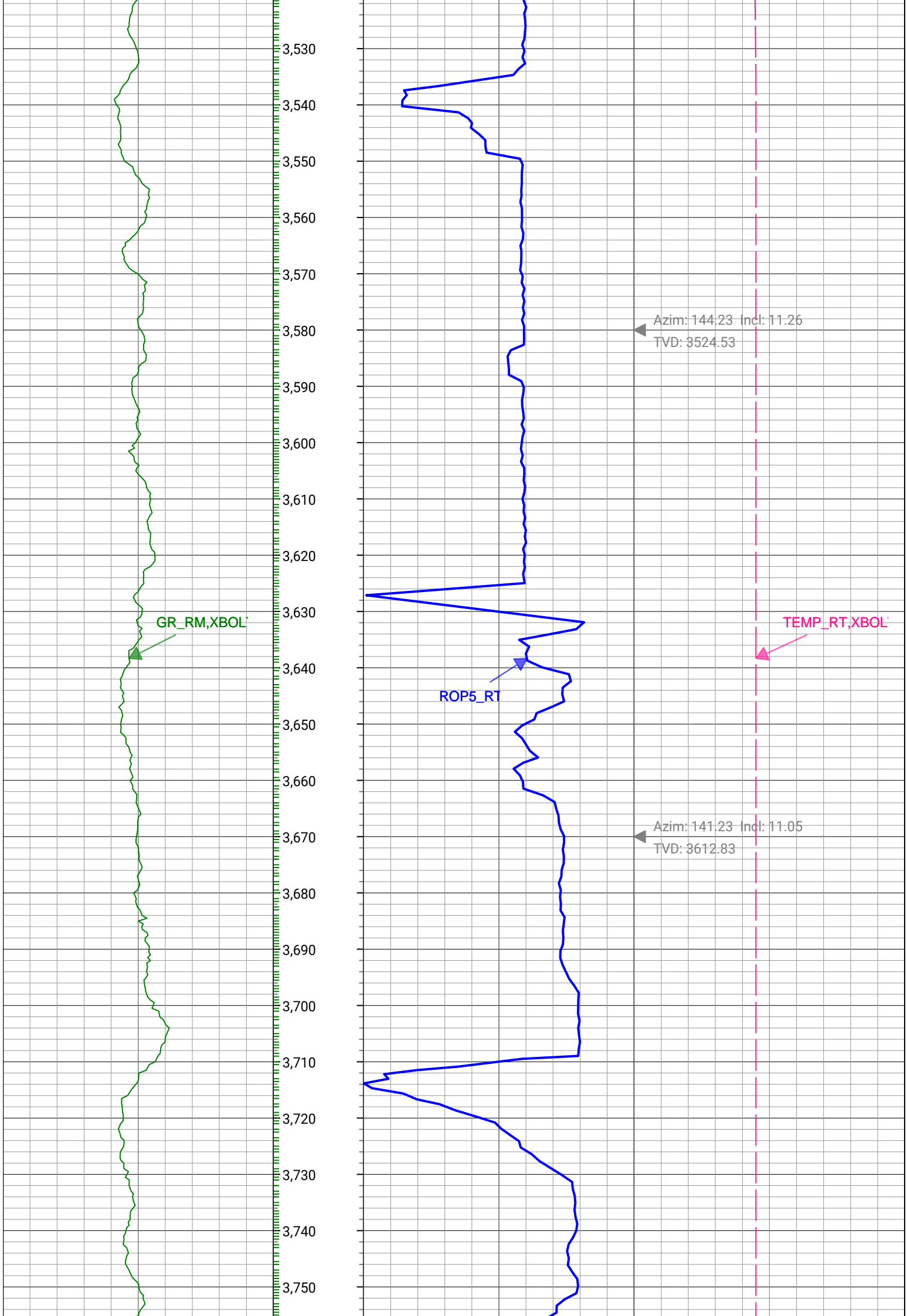
TEMP\_RT,XBOL

Azim: 142.09 Incl: 11.1  
TVD: 3261.74

Azim: 141.69 Incl: 11.32  
TVD: 3349.04

Azim: 144.1 Incl: 11.46  
TVD: 3437.27





3,760  
3,770  
3,780  
3,790  
3,800  
3,810  
3,820  
3,830  
3,840  
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

GR\_RM,XBOL



ROP5\_RT



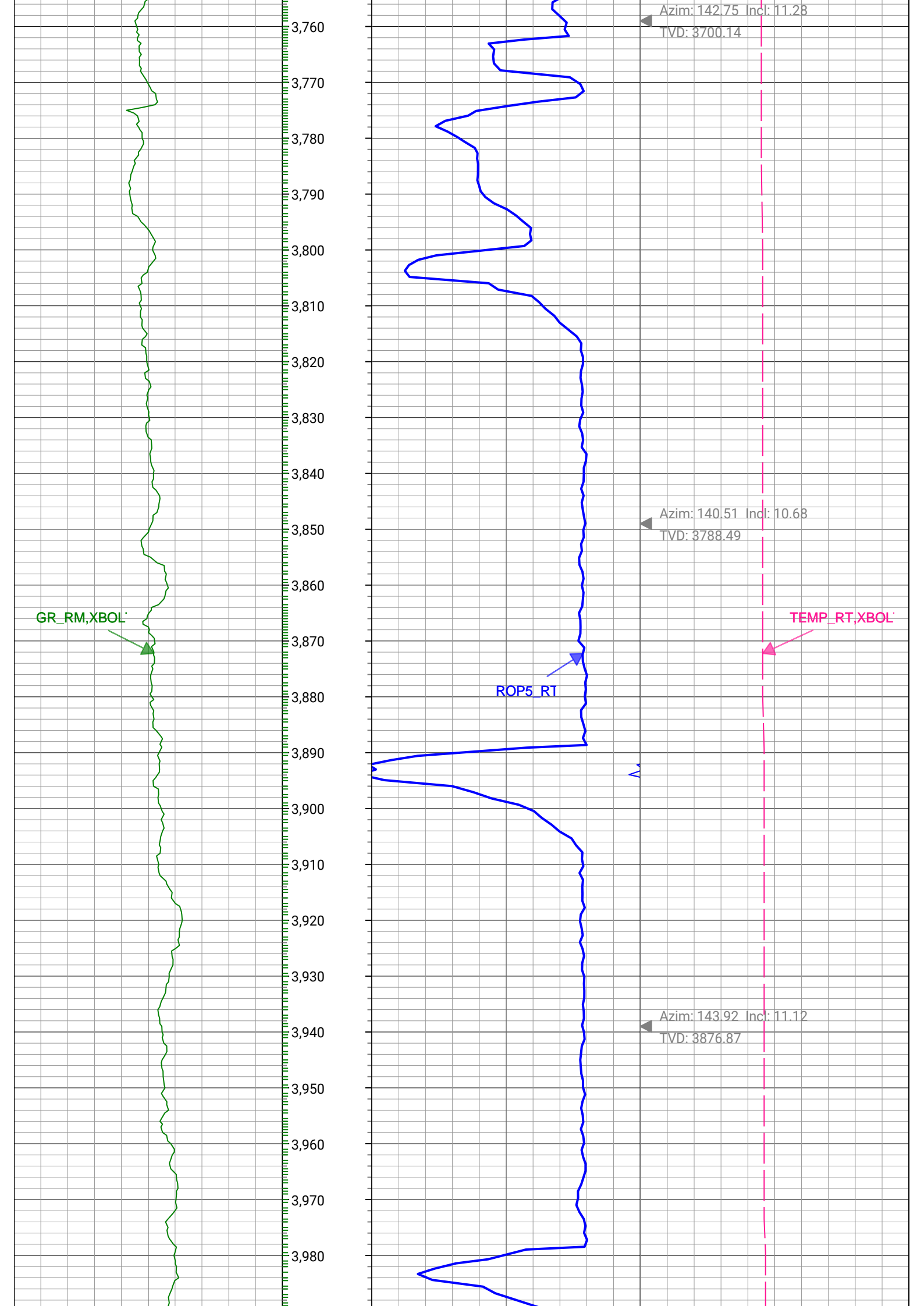
TEMP\_RT,XBOL



Azim: 142.75 Incl: 11.28  
TVD: 3700.14

Azim: 140.51 Incl: 10.68  
TVD: 3788.49

Azim: 143.92 Incl: 11.12  
TVD: 3876.87



GR\_RM,XBOL

ROP5\_RT

TEMP\_RT,XBOL

Azim: 143 Incl: 11.08  
TVD: 3964.21

Azim: 143.51 Incl: 11.08  
TVD: 4052.53

Azim: 142.49 Incl: 10.96  
TVD: 4139.89

GR\_RM,XBOL



ROP5 R1



TEMP\_RT,XBOL



Azim: 138.03 Incl: 10.88  
TVD: 4227.28

Azim: 143.95 Incl: 10.73  
TVD: 4315.68

GR\_RM,XBOL

ROP5\_RT

TEMP\_RT,XBOL

Azim: 141.42 Incl: 11.06  
TVD: 4404.06

Azim: 143.14 Incl: 10.97  
TVD: 4491.42

Azim: 142.05 Incl: 10.94  
TVD: 4578.8

GR\_RM,XBOL

ROP5\_RT

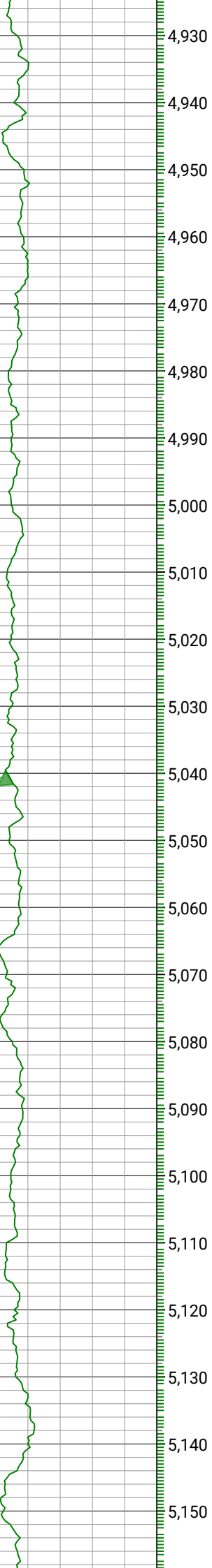
TEMP\_RT,XBOL

Azim: 143.05 Incl: 11.03  
TVD: 4667.15

Azim: 140.58 Incl: 10.64  
TVD: 4754.56

Azim: 142.2 Incl: 10.8  
TVD: 4842.22

GR\_RM,XBOL



4,930

4,940

4,950

4,960

4,970

4,980

4,990

5,000

5,010

5,020

5,030

5,040

5,050

5,060

5,070

5,080

5,090

5,100

5,110

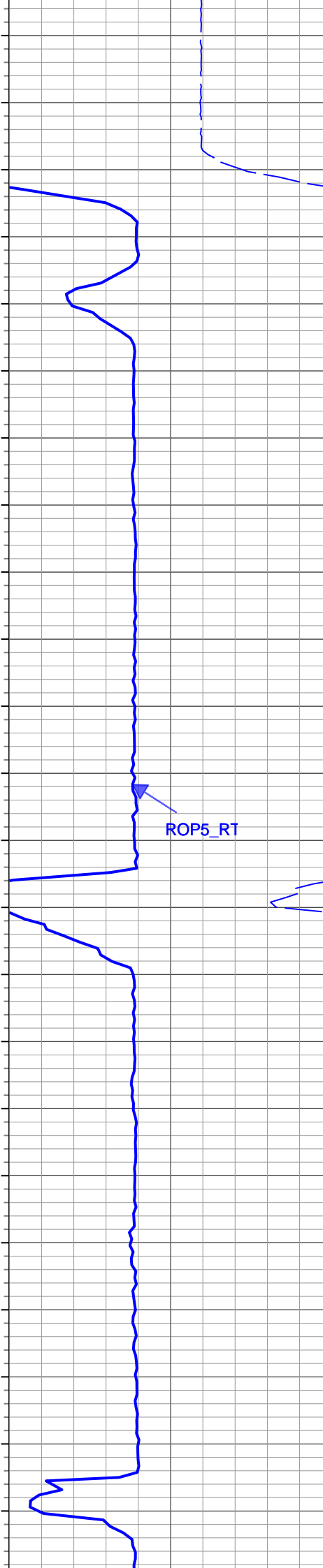
5,120

5,130

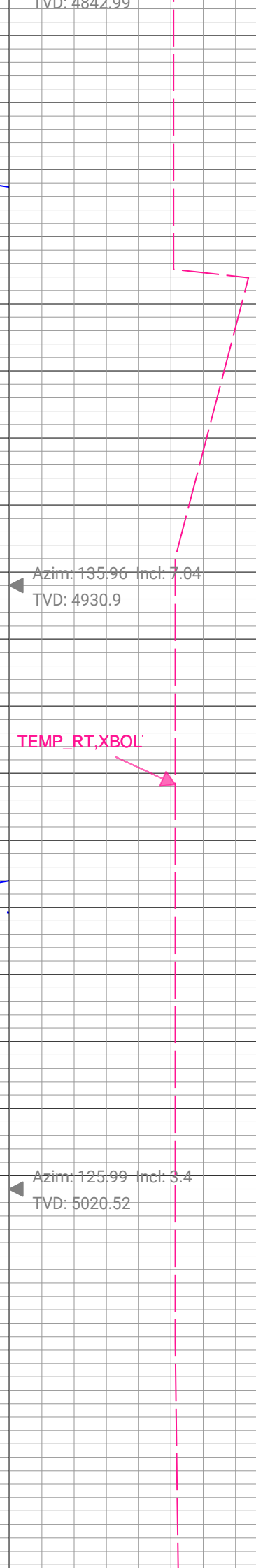
5,140

5,150

ROP5\_RT

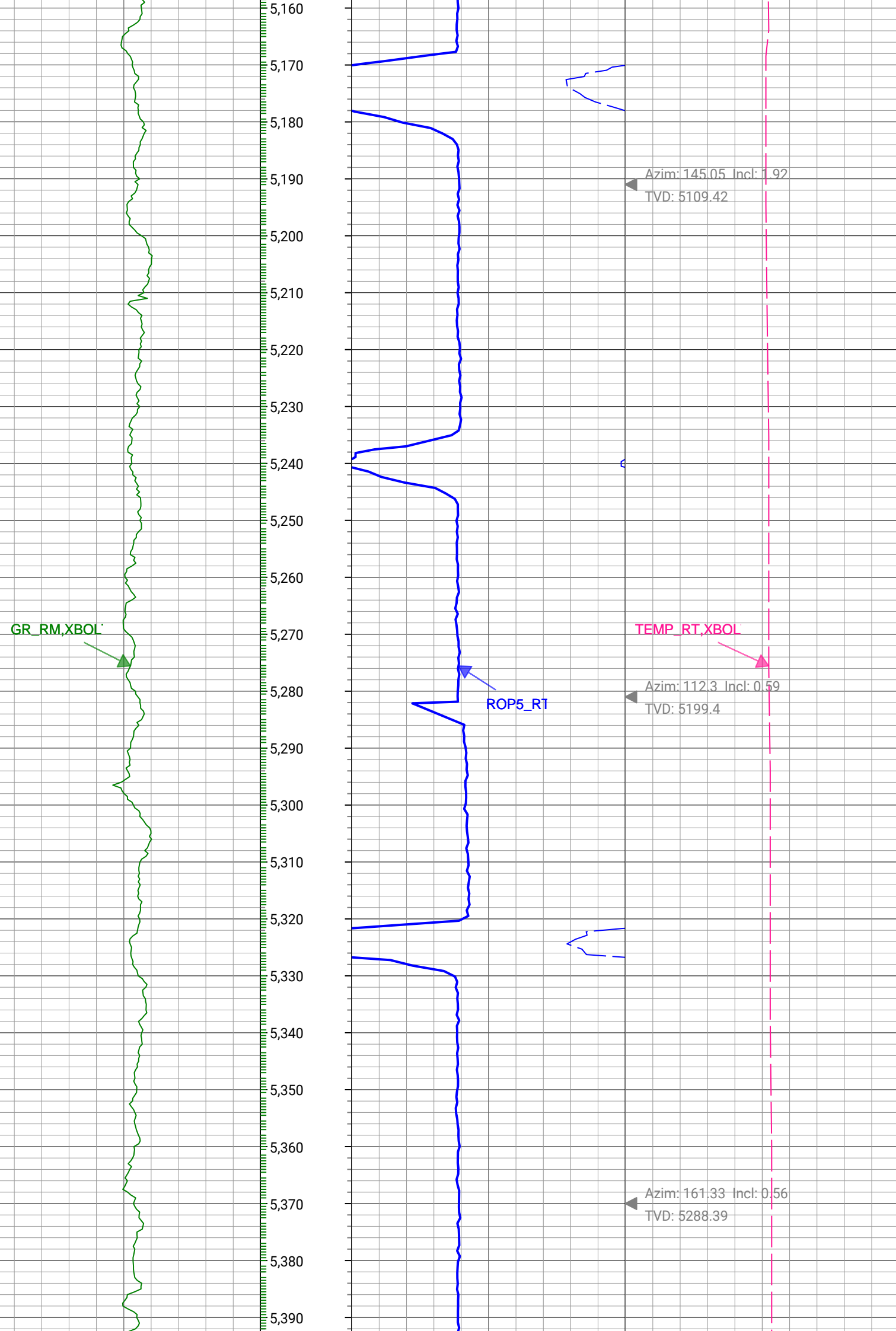


TEMP\_RT,XBOL



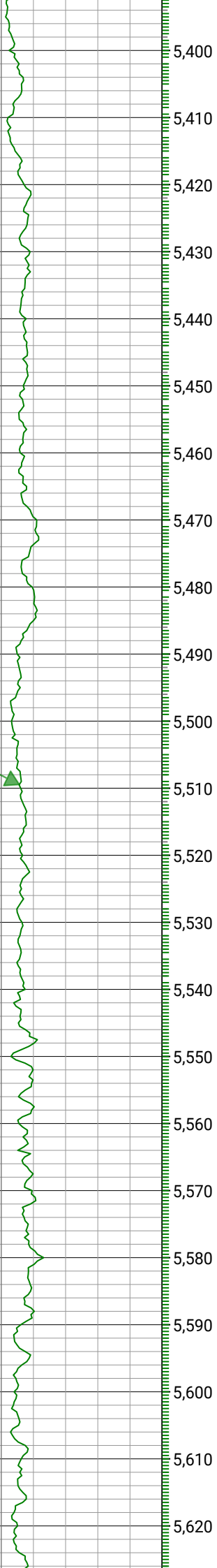
Azim: 135.96 Incl: 7.04  
TVD: 4930.9

Azim: 125.99 Incl: 3.4  
TVD: 5020.52





GR\_RM,XBOL



5,400

5,410

5,420

5,430

5,440

5,450

5,460

5,470

5,480

5,490

5,500

5,510

5,520

5,530

5,540

5,550

5,560

5,570

5,580

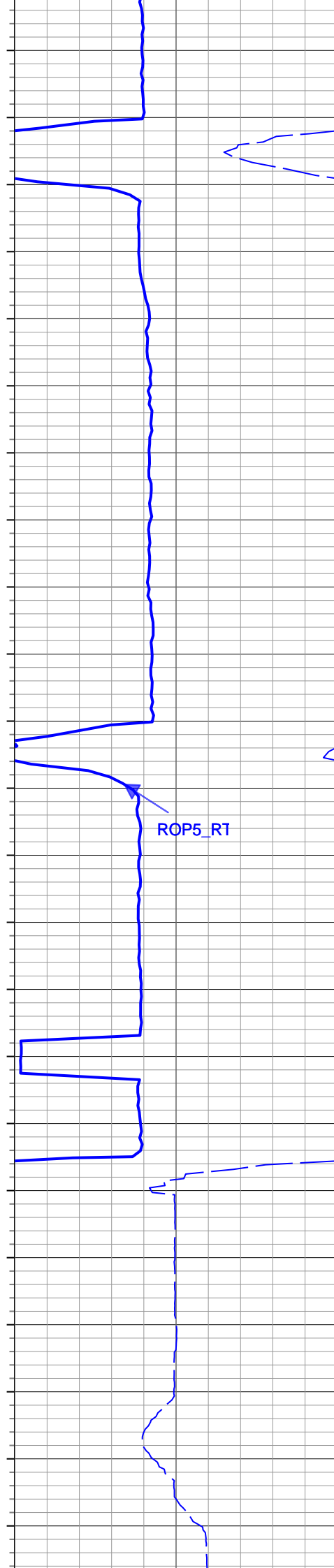
5,590

5,600

5,610

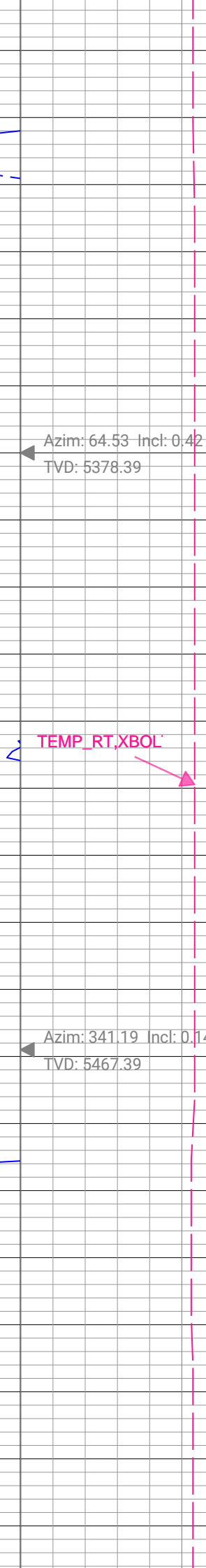
5,620

ROP5\_RT

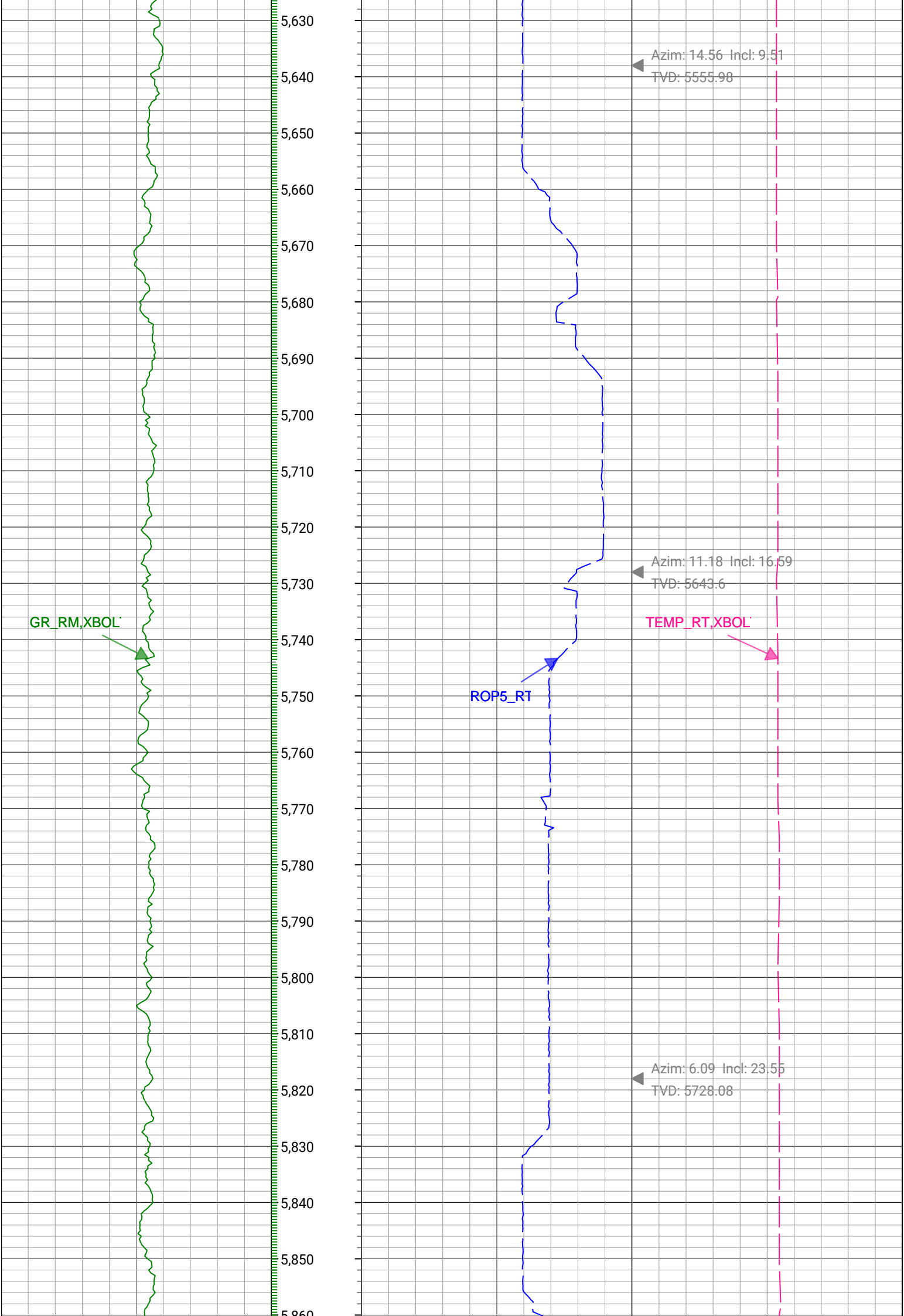


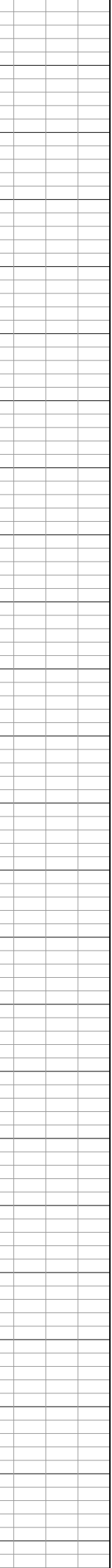
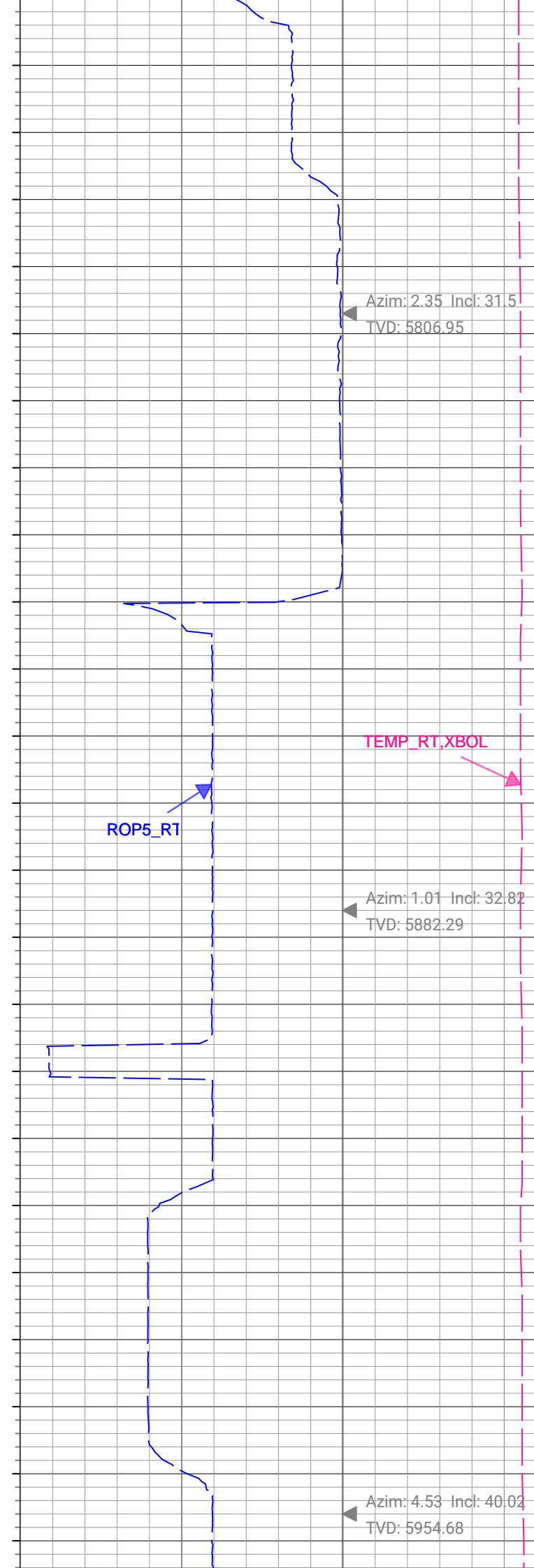
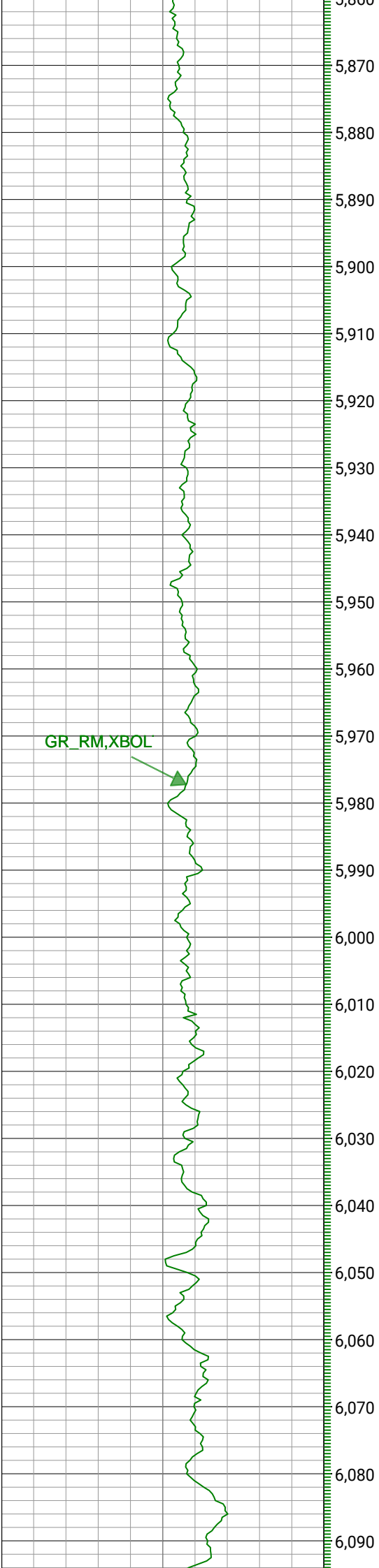
Azim: 64.53 Incl: 0.42  
TVD: 5378.39

TEMP\_RT,XBOL



Azim: 341.19 Incl: 0.14  
TVD: 5467.39





GR\_RM, XBOL



ROP5\_RT



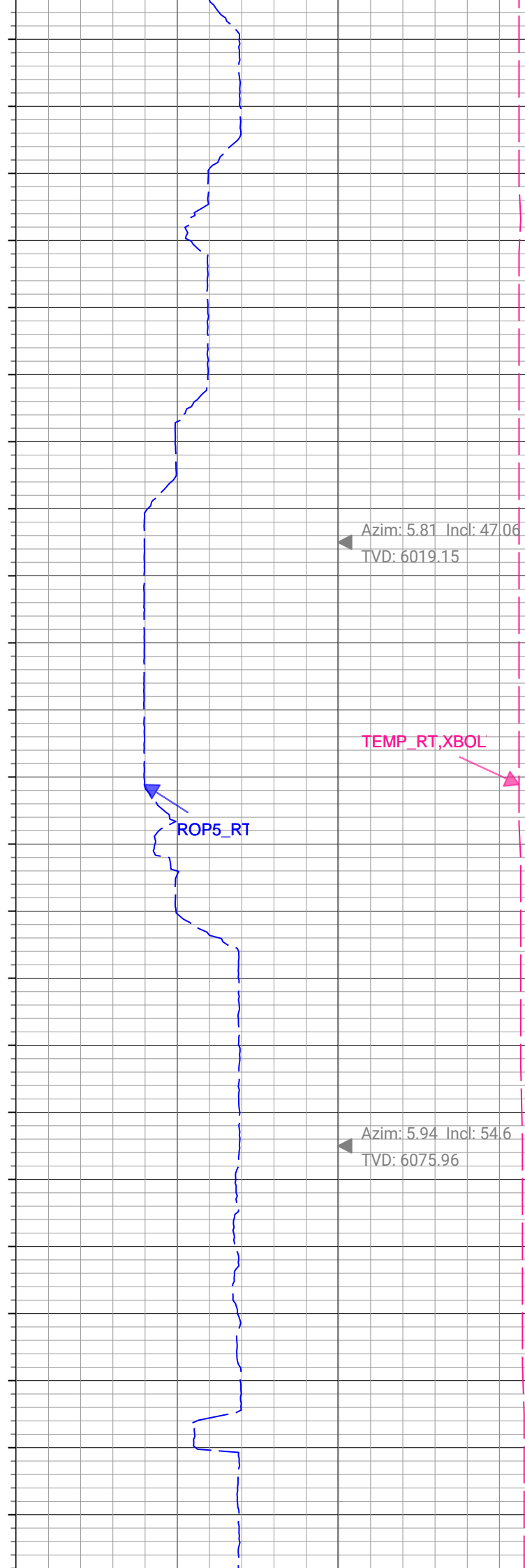
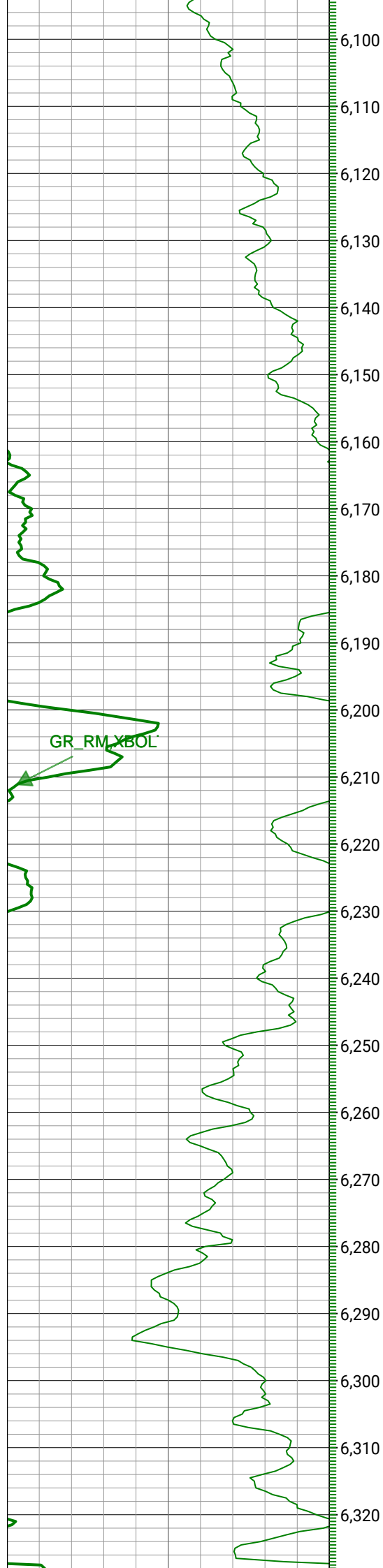
TEMP\_RT, XBOL

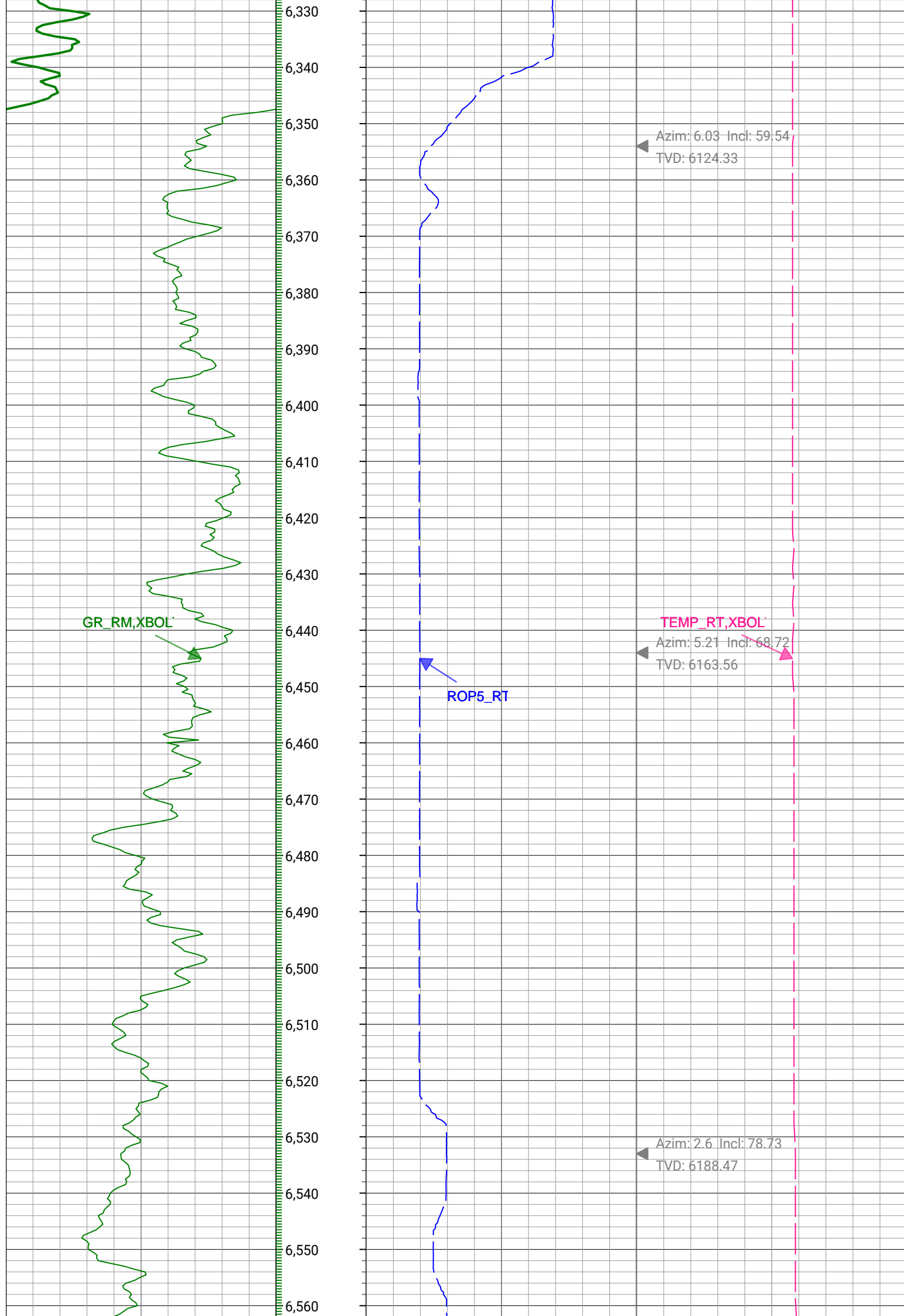


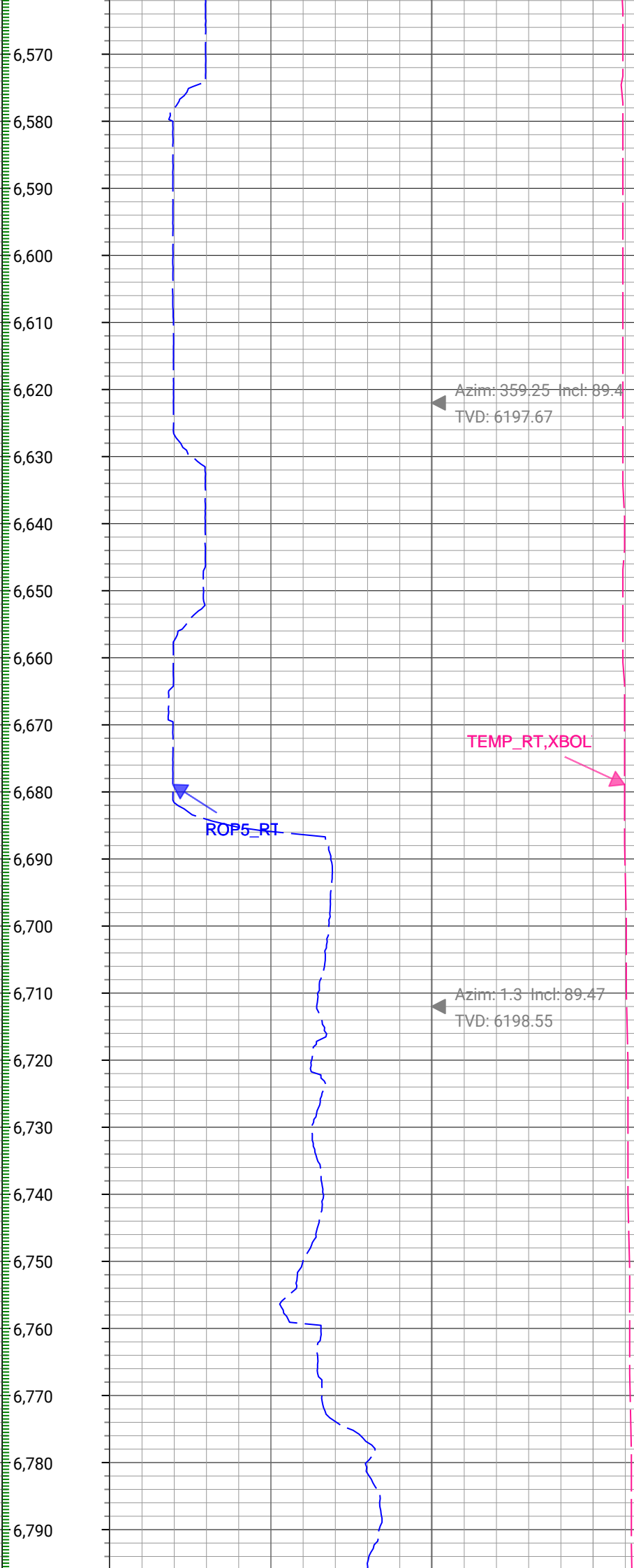
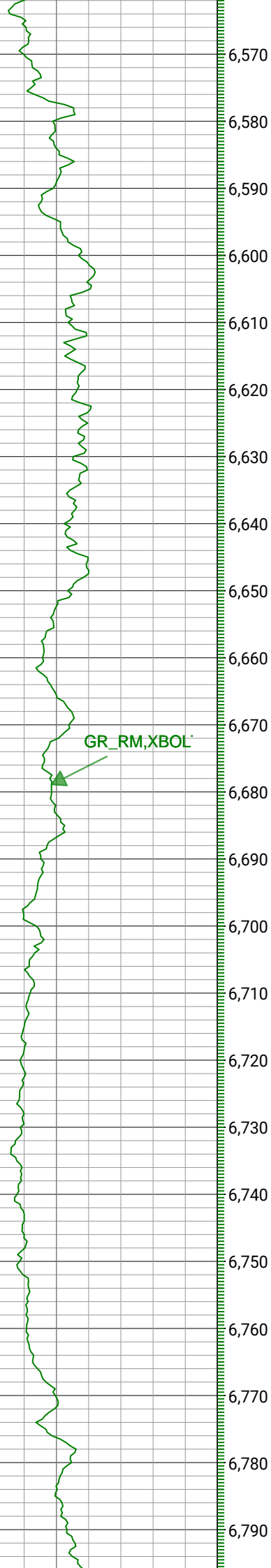
Azim: 2.35 Incl: 31.5  
TVD: 5806.95

Azim: 1.01 Incl: 32.82  
TVD: 5882.29

Azim: 4.53 Incl: 40.02  
TVD: 5954.68







GR\_RM,XBOL



ROP5\_RT



TEMP\_RT,XBOL



Azim: 358.28 Incl: 88.32  
TVD: 6200.27

Azim: 356.75 Incl: 90.69  
TVD: 6201.05

Azim: 359.99 Incl: 89.71  
TVD: 6200.74

GR\_RM,XBOL



ROP5\_RT



TEMP\_RT,XBOL



Azim: 0.41 Incl: 90.63  
TVD: 6200.48

Azim: 0.92 Incl: 91.18  
TVD: 6199.08

Azim: 3.31 Incl: 90.33  
TVD: 6197.89



GR\_RM,XBOL



TEMP\_RT,XBOL



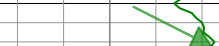
ROP5\_RT



Azim: 1.1 Incl: 91.53  
TVD: 6196.46

Azim: 1.86 Incl: 91.39  
TVD: 6194.17

GR\_RM,XBOL



ROP5\_RT



Azim: 1.35 Incl: 91.35  
TVD: 6192.02



Azim: 1.17 Incl: 90.6  
TVD: 6190.5

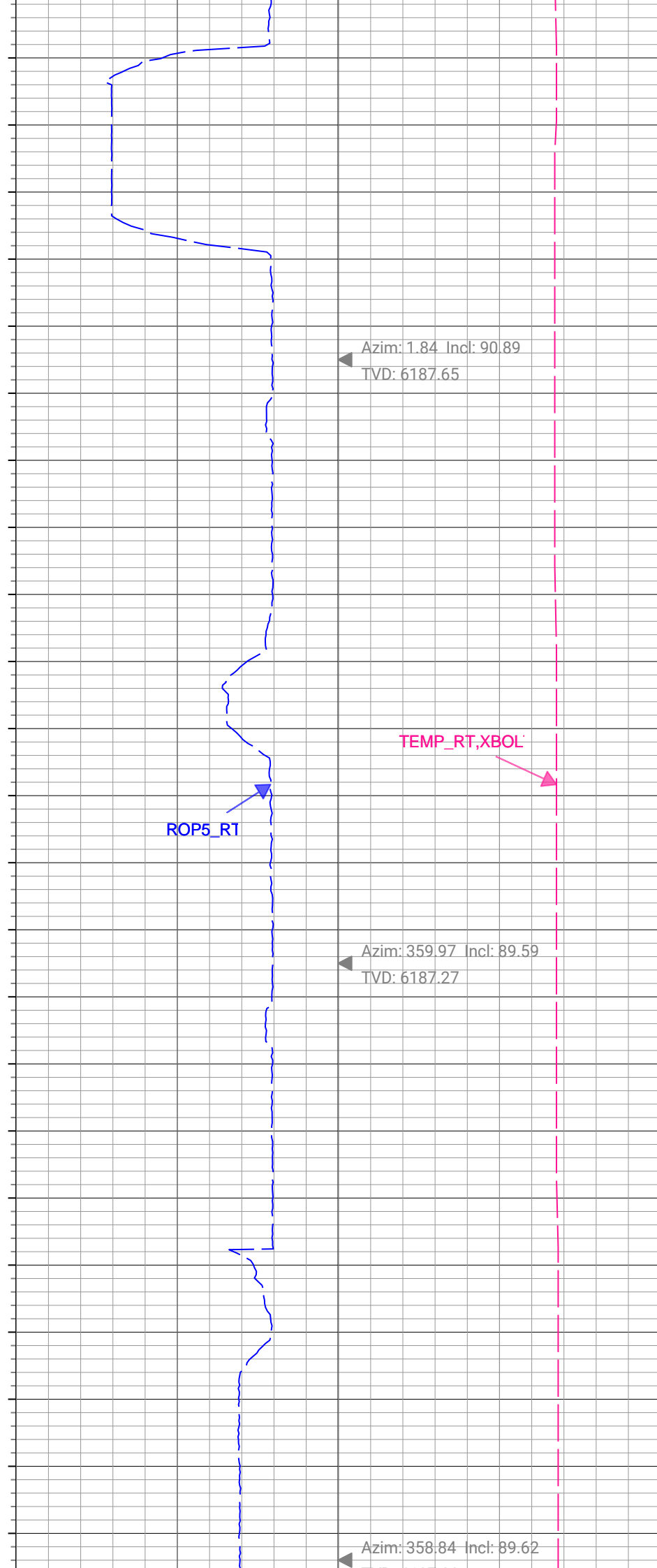
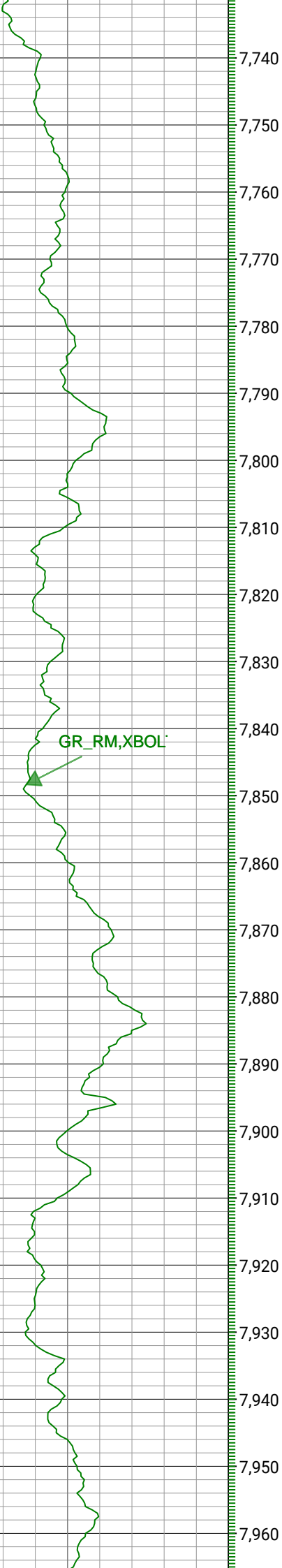


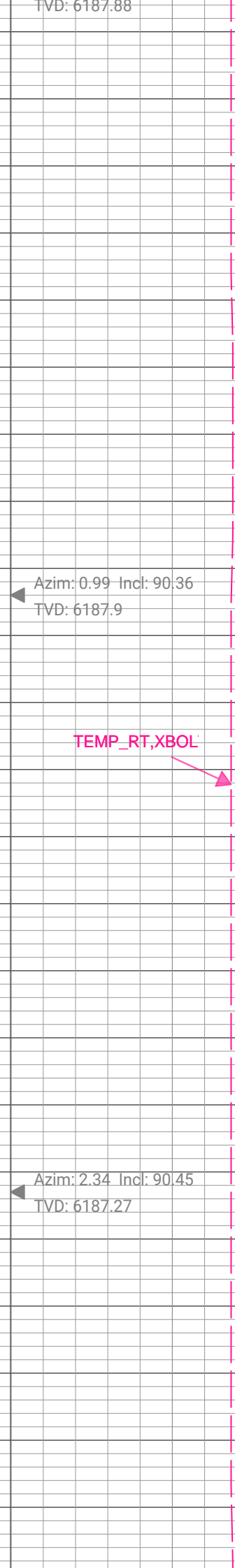
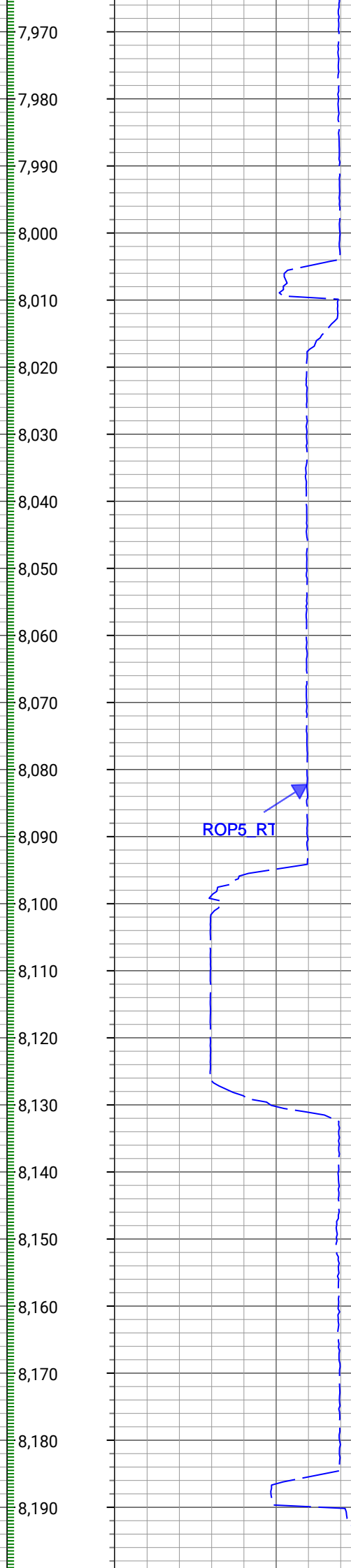
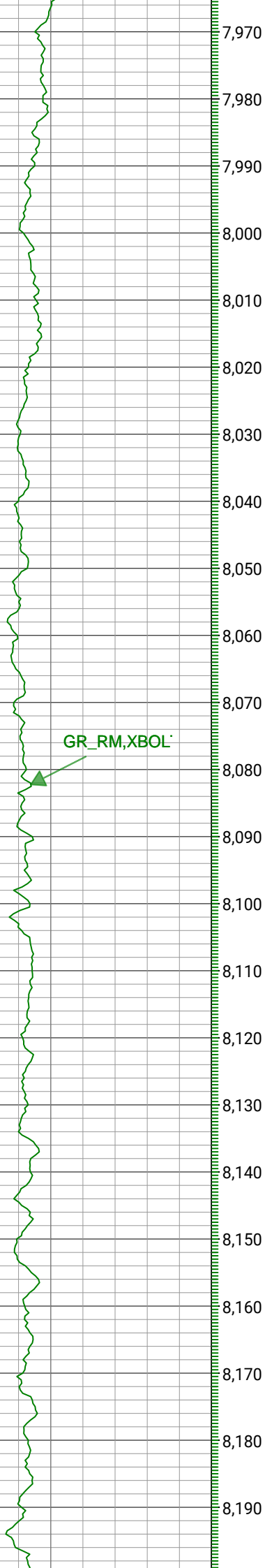
TEMP\_RT,XBOL

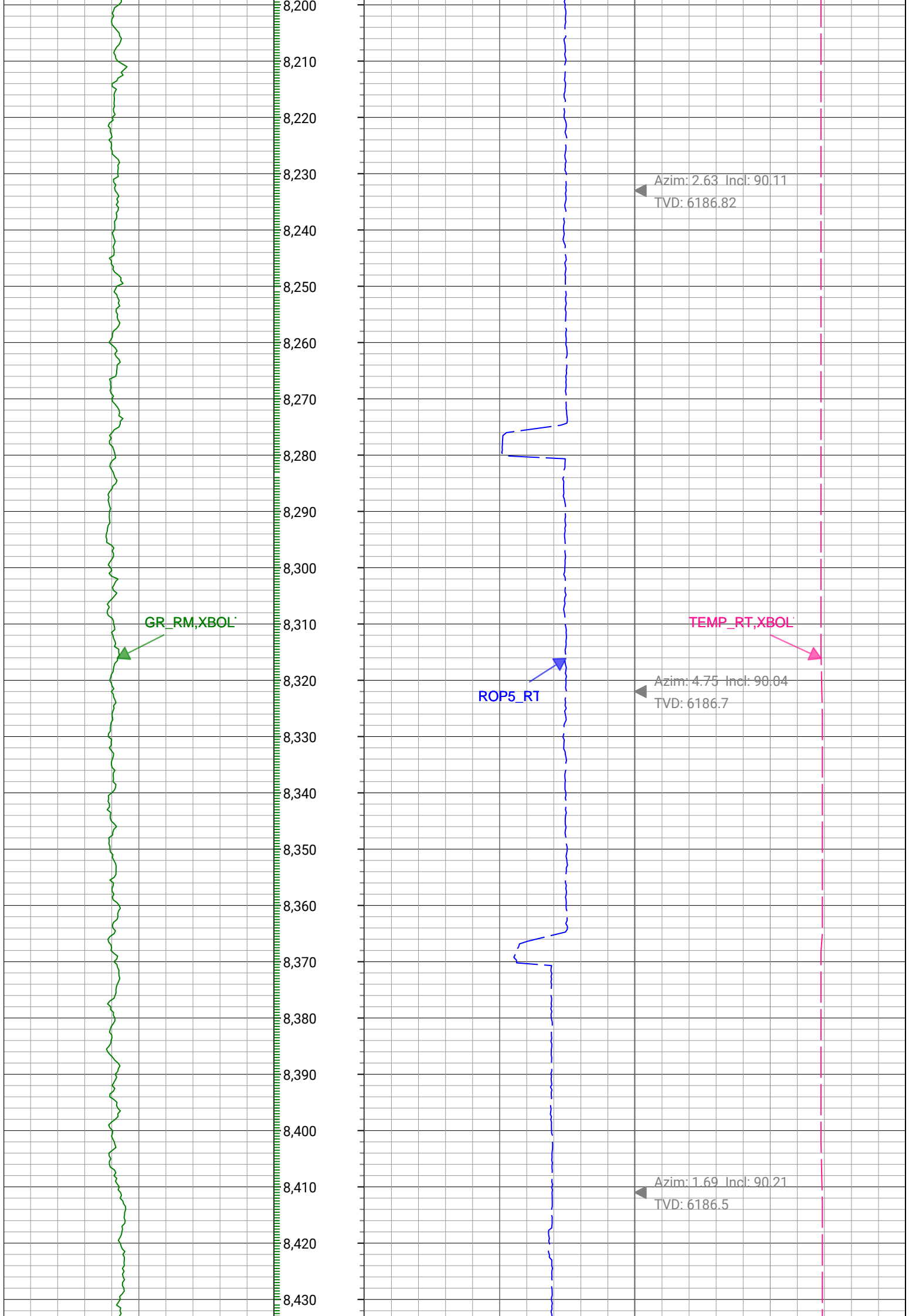


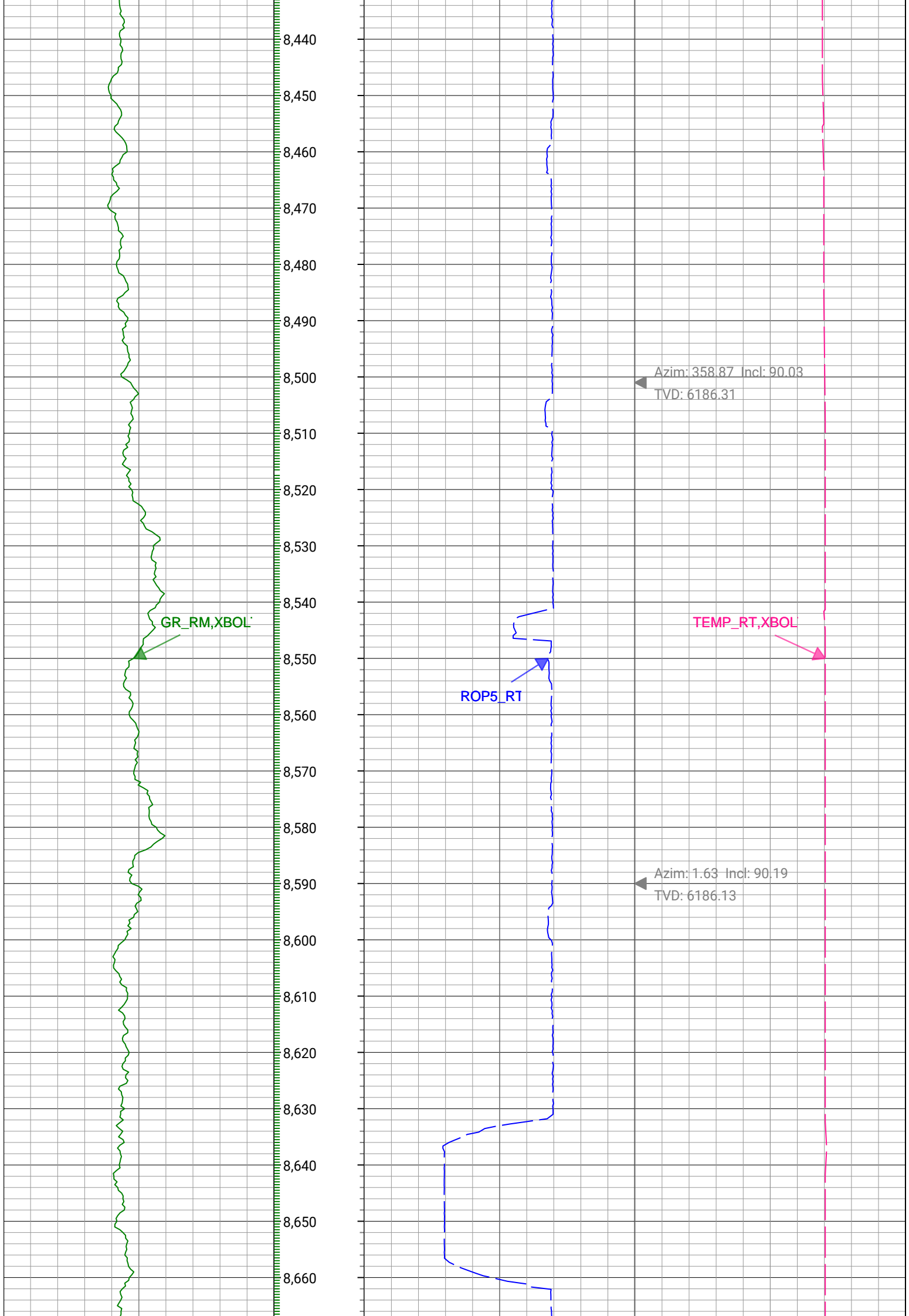
Azim: 0.78 Incl: 91.1  
TVD: 6189.19

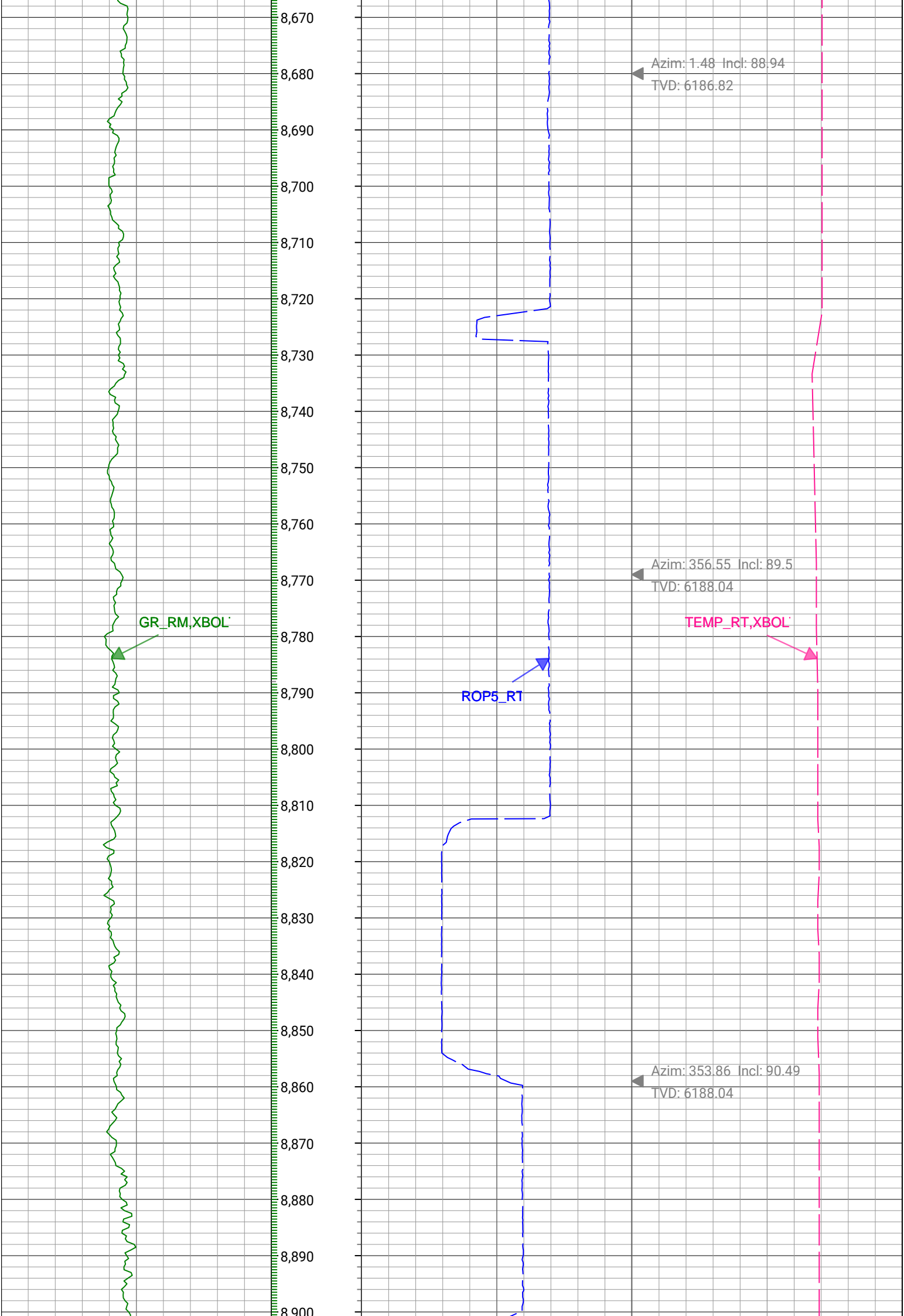


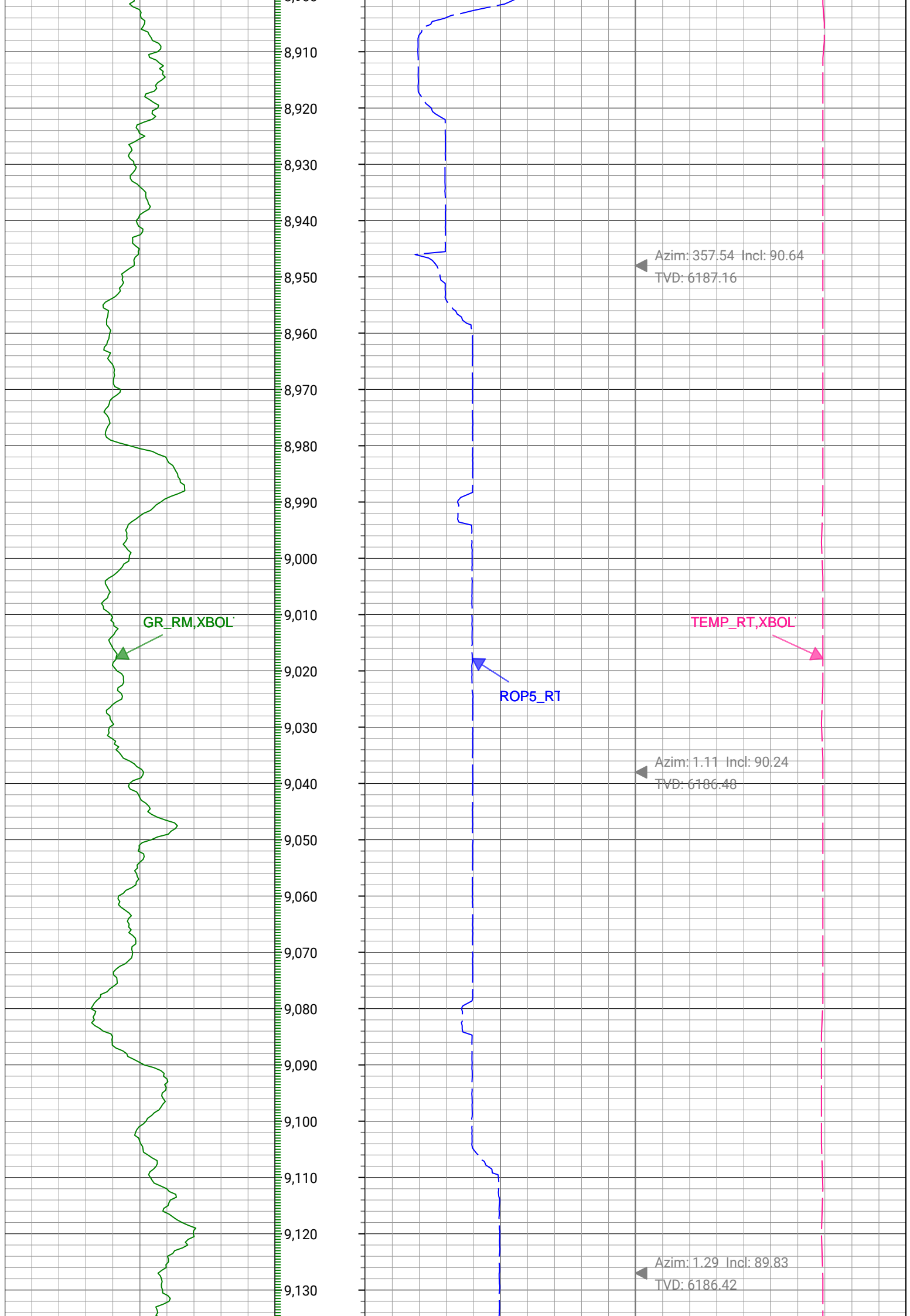














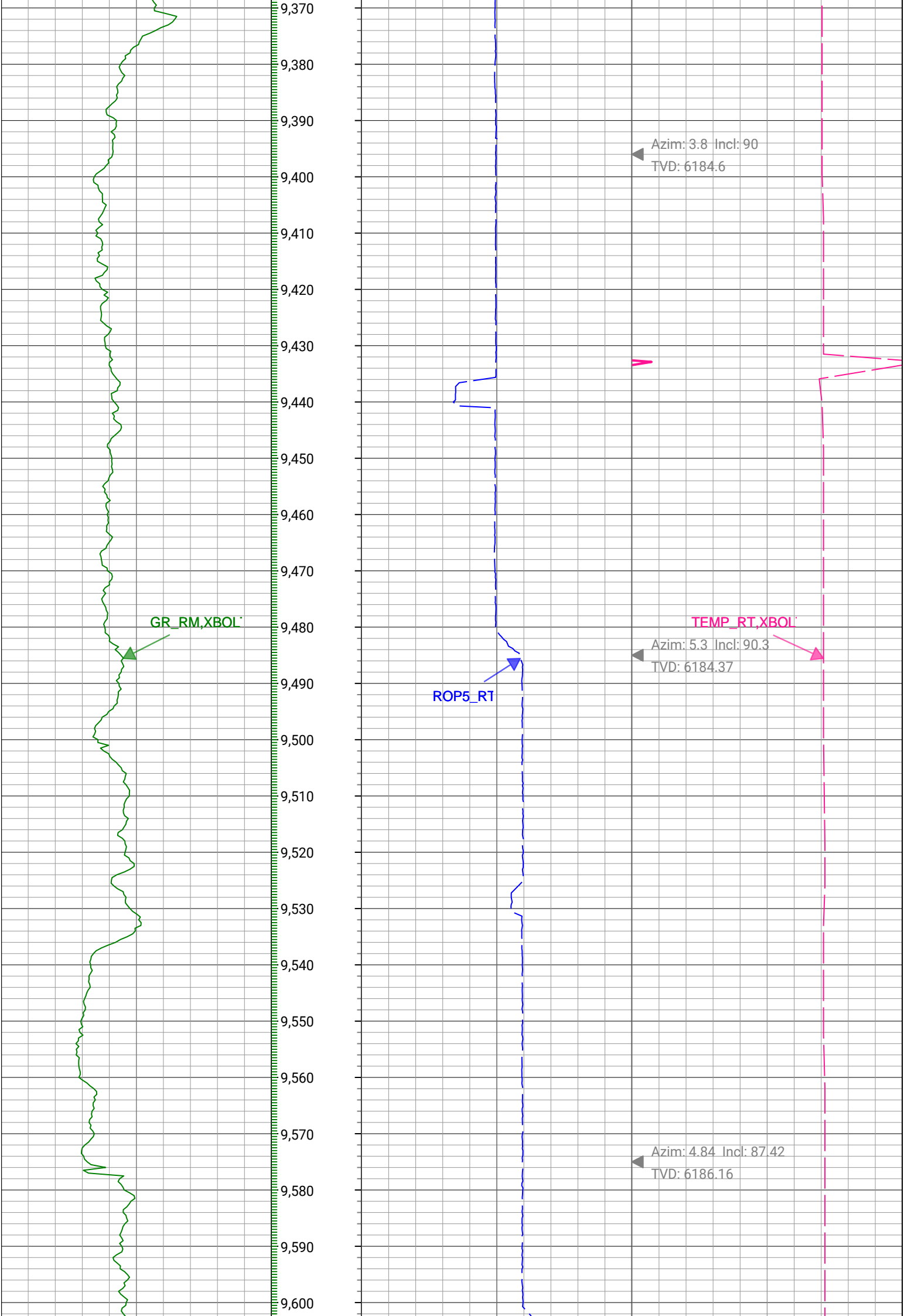
GR\_RM,XBOL

TEMP\_RT,XBOL

ROP5\_RT

Azim: 1.78 Incl: 90.6  
TVD: 6186.08

Azim: 2.77 Incl: 90.65  
TVD: 6185.11



9,610  
9,620  
9,630  
9,640  
9,650  
9,660  
9,670  
9,680  
9,690  
9,700  
9,710  
9,720  
9,730  
9,740  
9,750  
9,760  
9,770  
9,780  
9,790  
9,800  
9,810  
9,820  
9,830

GR\_RM,XBOL



ROP5\_RT



Azim: 3.94 Incl: 89.41  
TVD: 6188.65

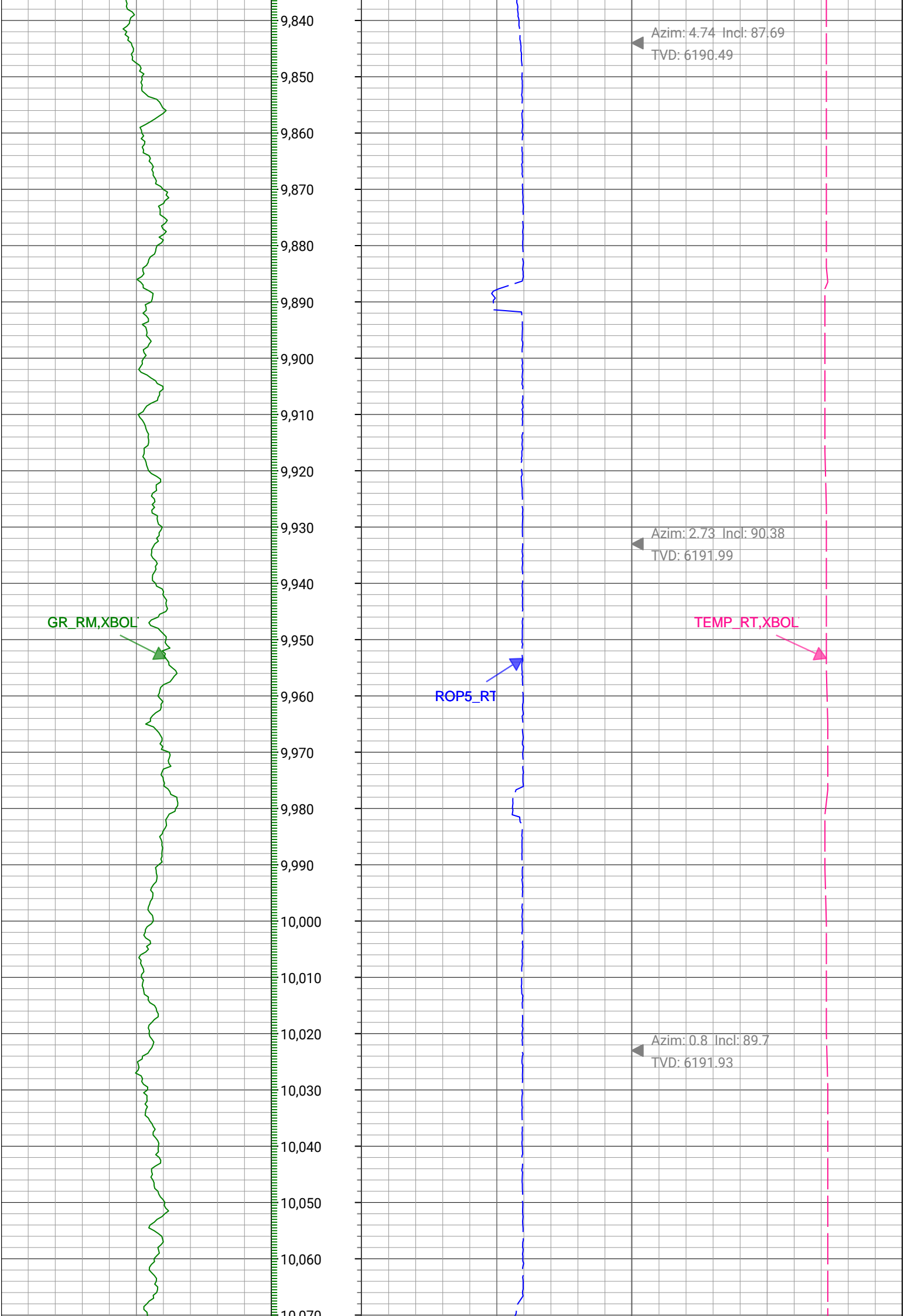


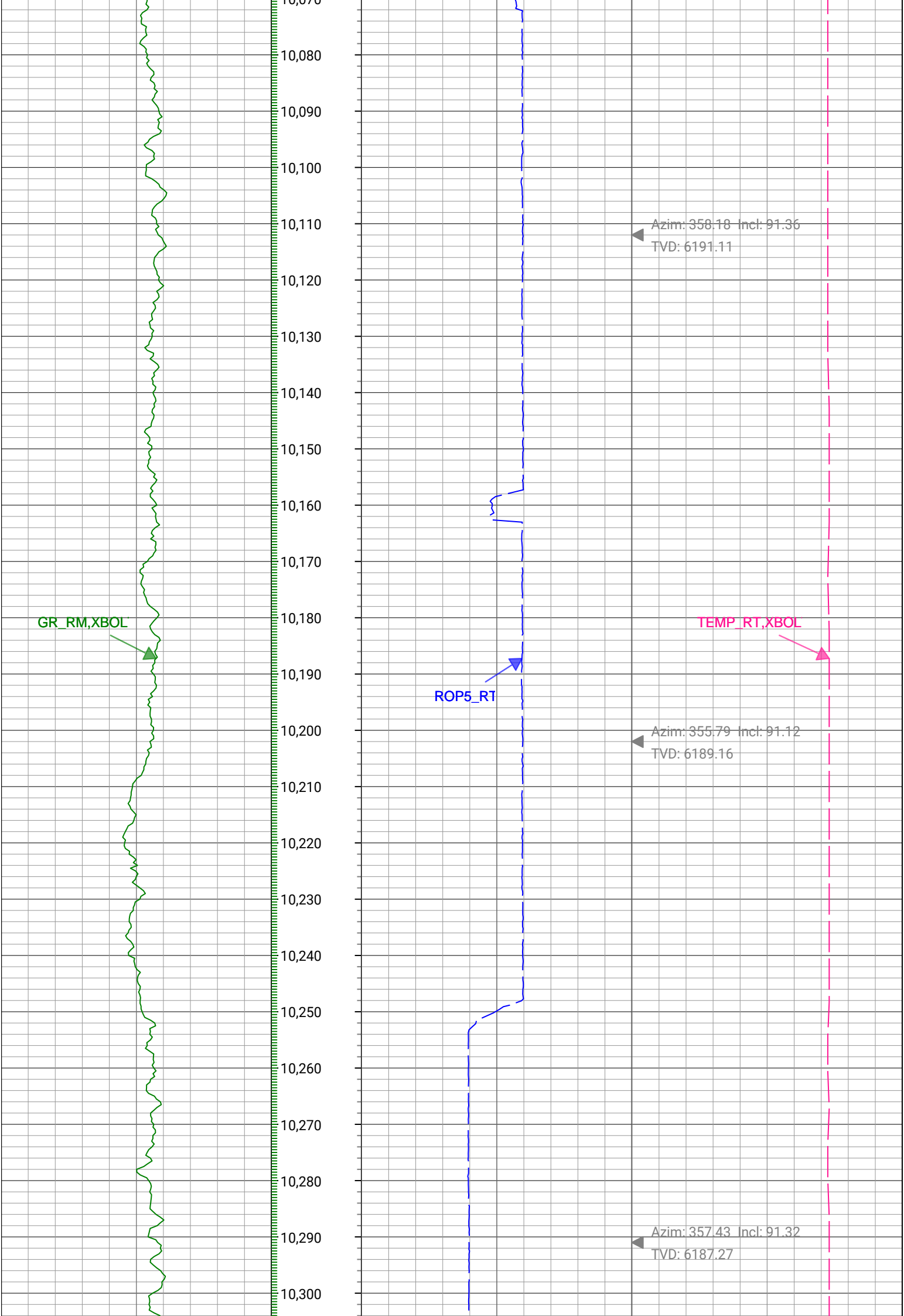
TEMP\_RT,XBOL

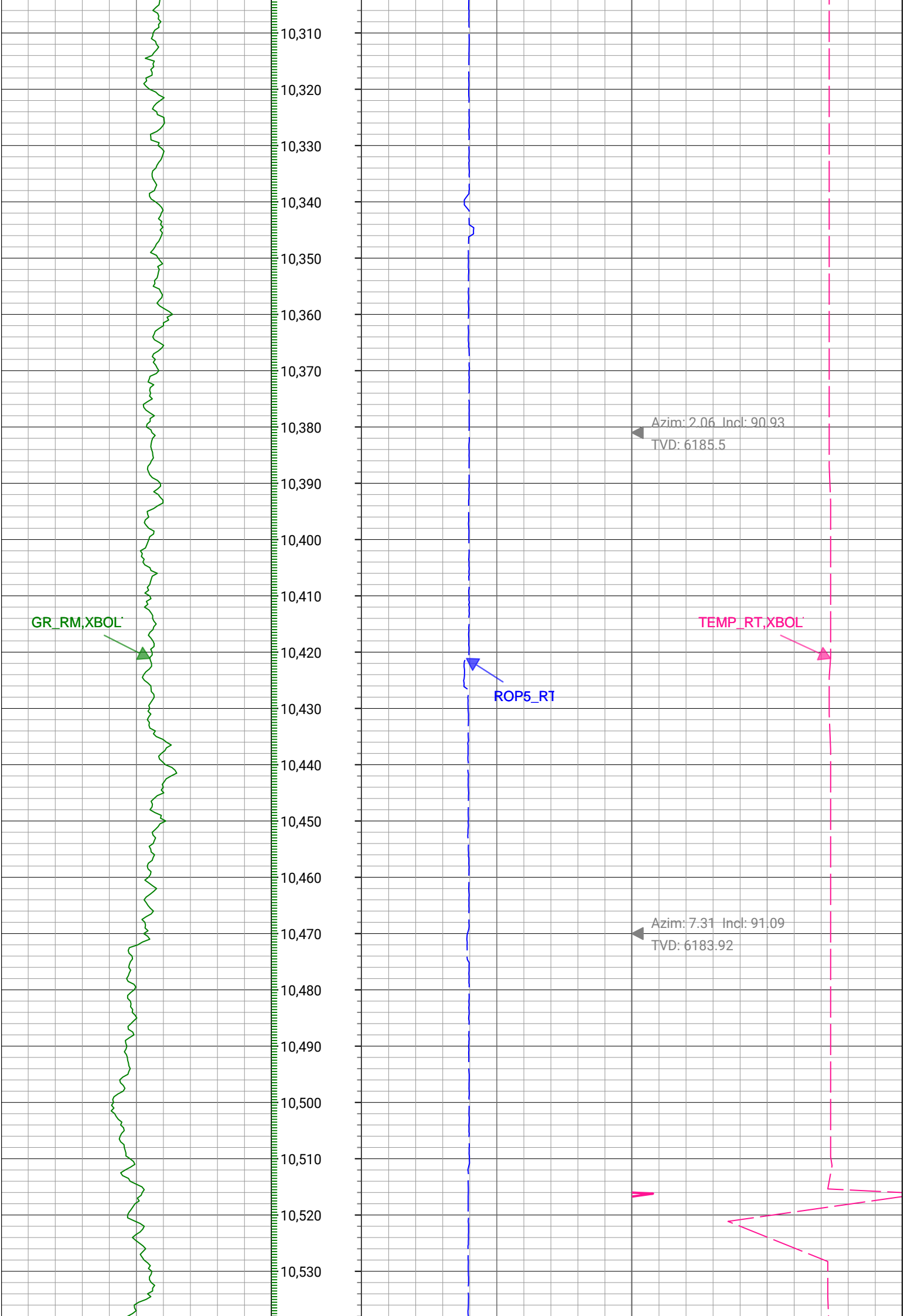


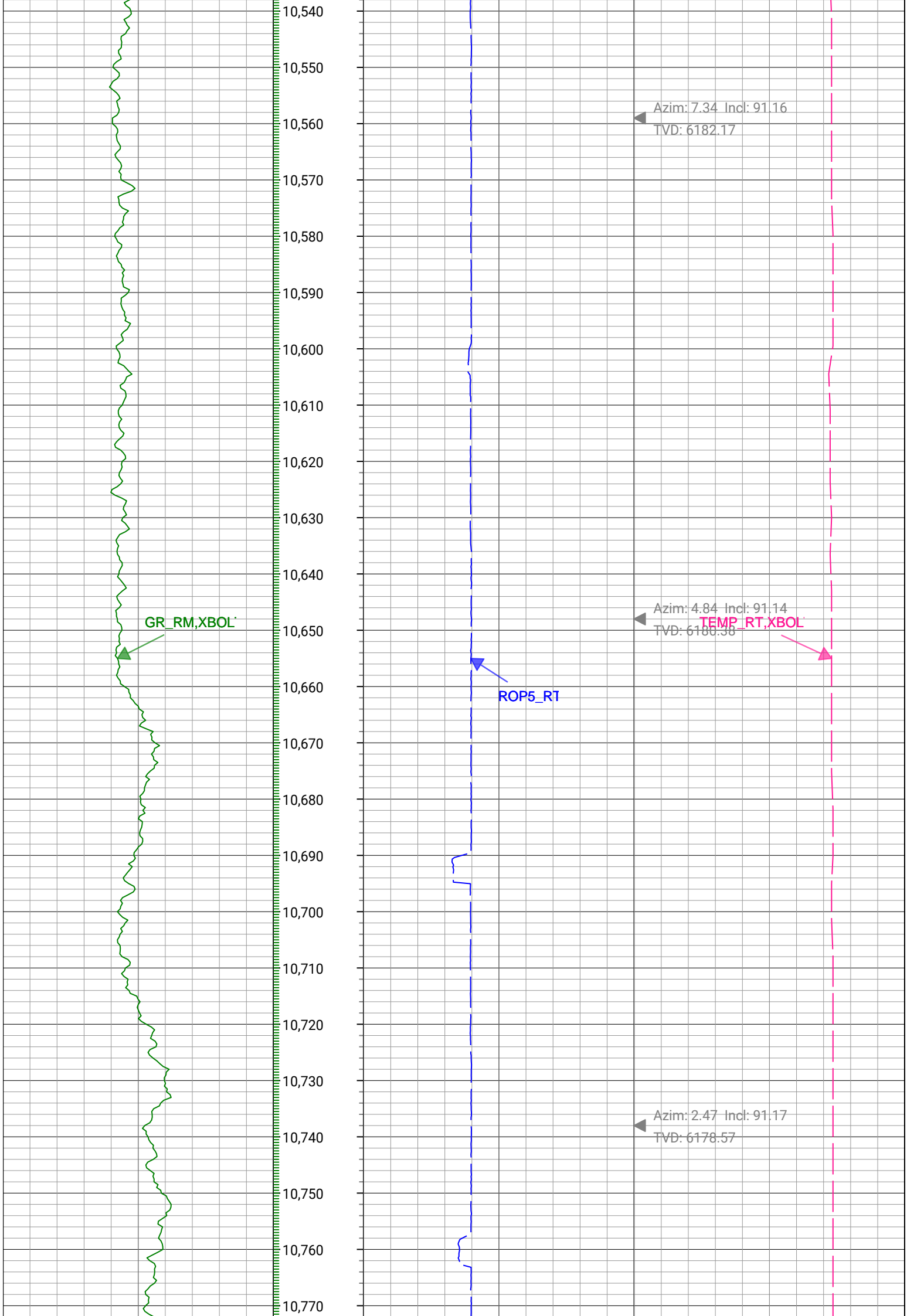
Azim: 4.42 Incl: 90.27  
TVD: 6188.89











GR\_RM,XBOL



TEMP\_RT,XBOL



ROP5\_RT



Azim: 0.17 Incl: 91.14  
TVD: 6176.78



Azim: 0.35 Incl: 91.14  
TVD: 6175.01



Azim: 0.08 Incl: 91.13



10,780  
10,790  
10,800  
10,810  
10,820  
10,830  
10,840  
10,850  
10,860  
10,870  
10,880  
10,890  
10,900  
10,910  
10,920  
10,930  
10,940  
10,950  
10,960  
10,970  
10,980  
10,990  
11,000



11,010  
11,020  
11,030  
11,040  
11,050  
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11,070  
11,080  
11,090  
11,100  
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11,120  
11,130  
11,140  
11,150  
11,160  
11,170  
11,180  
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11,200  
11,210  
11,220  
11,230  
11,240

GR\_RM,XBOL

ROP5\_RT

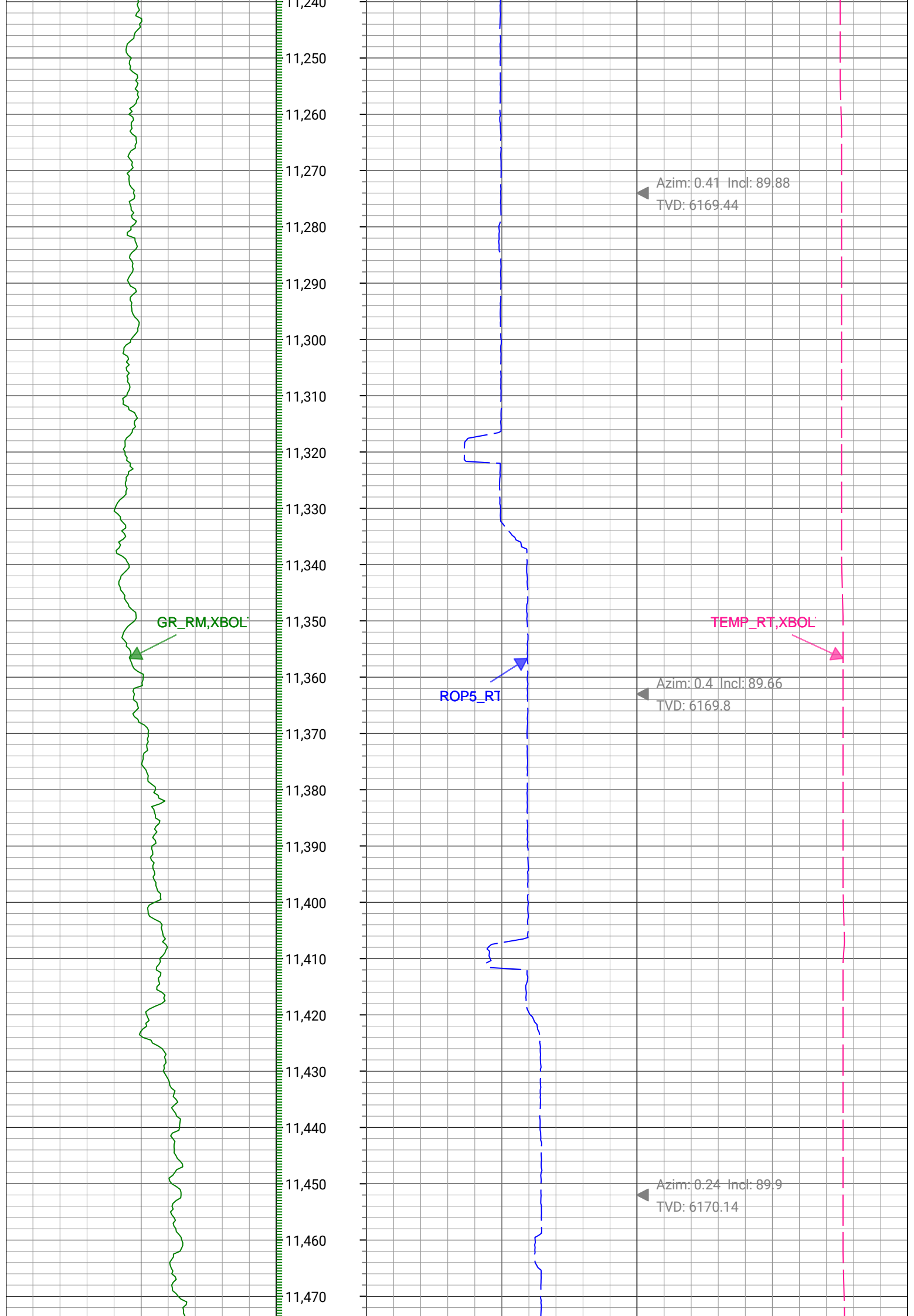
TVD: 6173.25

Azim: 359.88 Incl: 90.97  
TVD: 6171.6

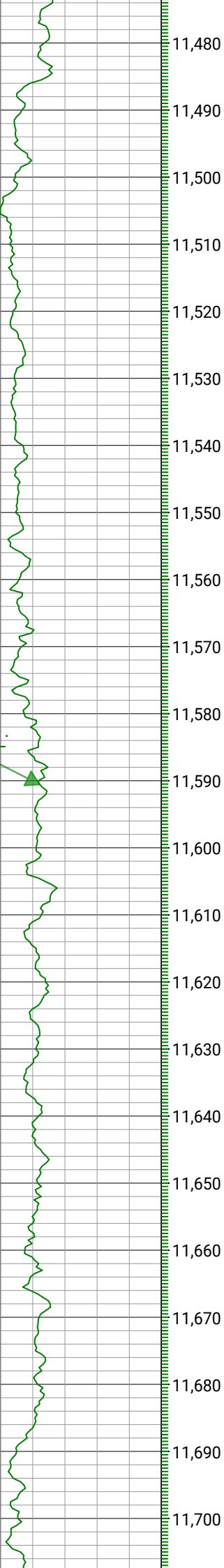
TEMP\_RT,XBOL

Azim: 358.37 Incl: 90.96  
TVD: 6170.1

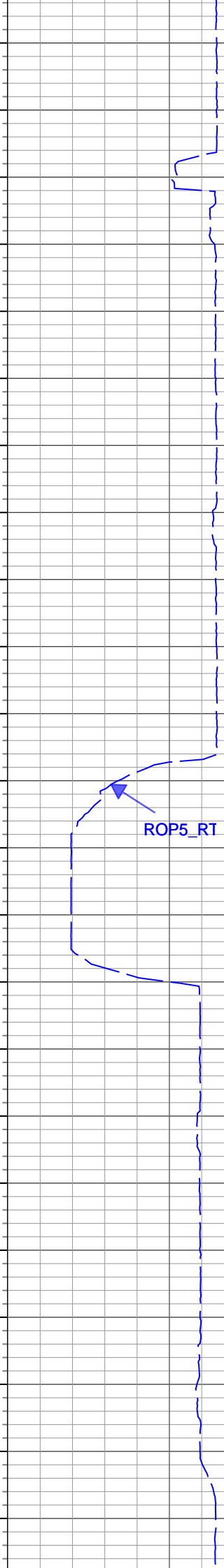




GR\_RM,XBOL



ROP5\_RT

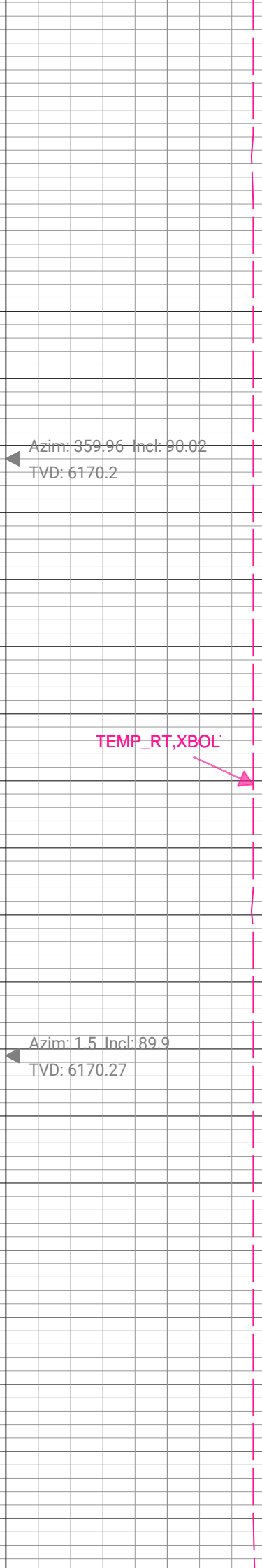


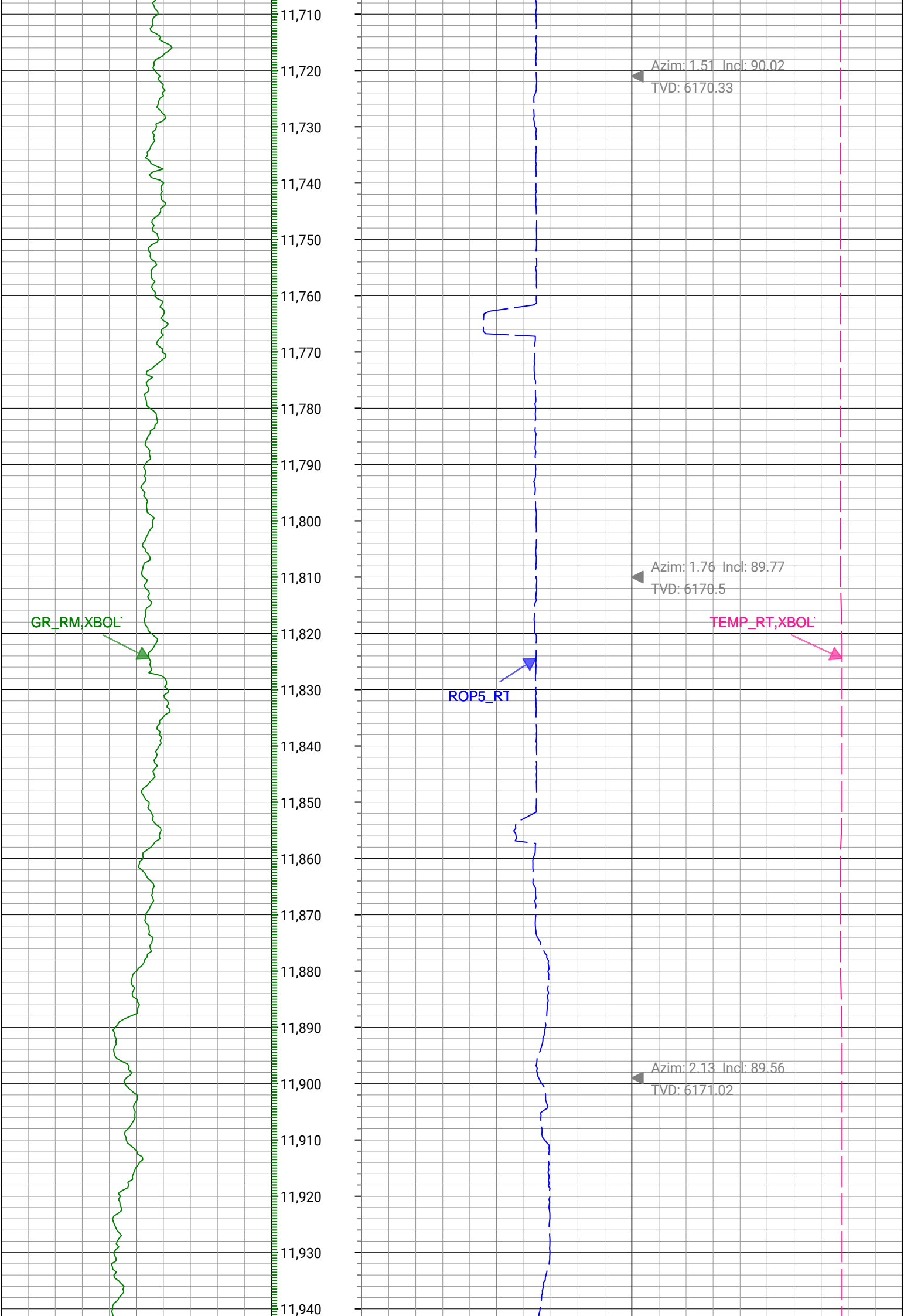
TEMP\_RT,XBOL

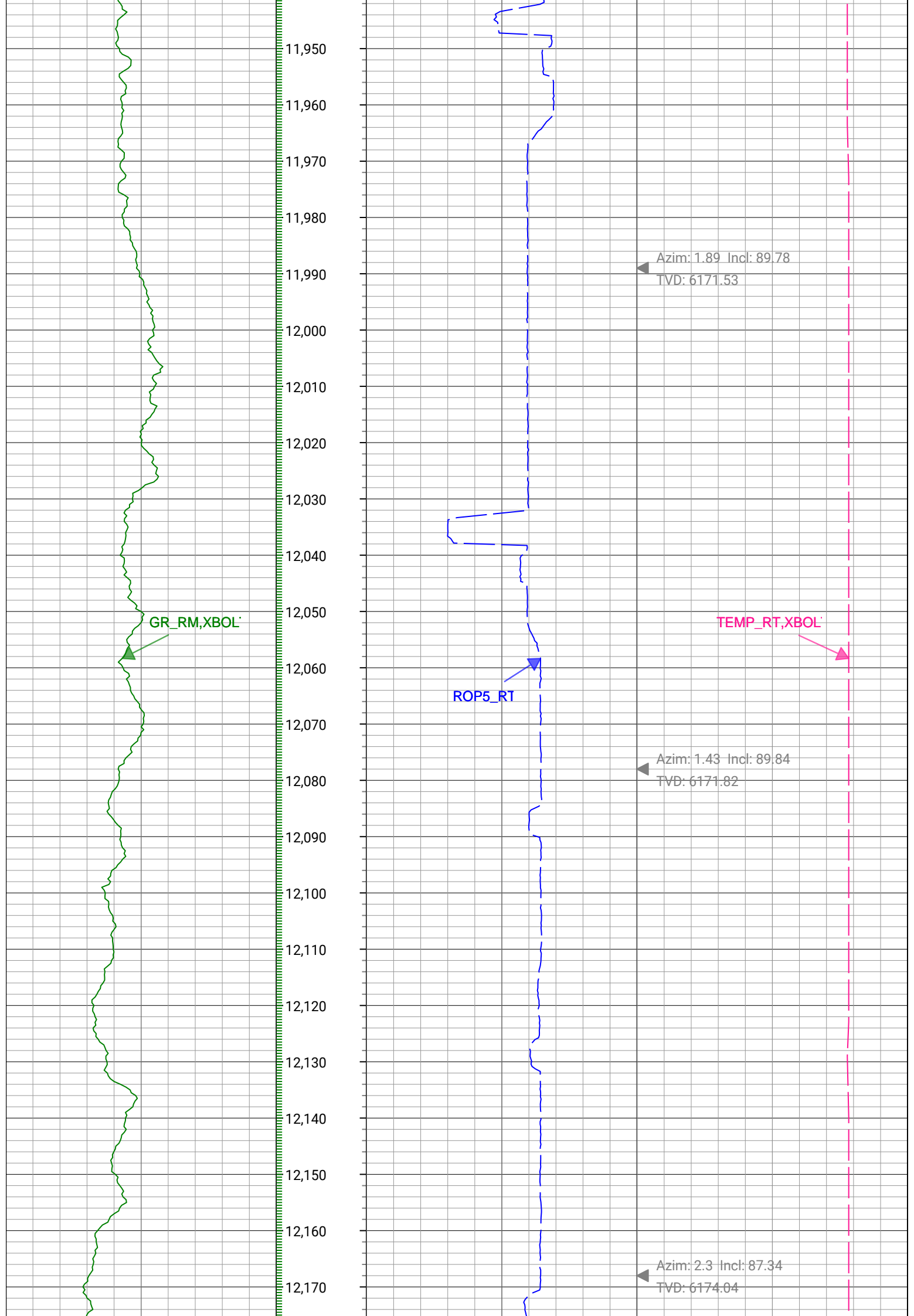


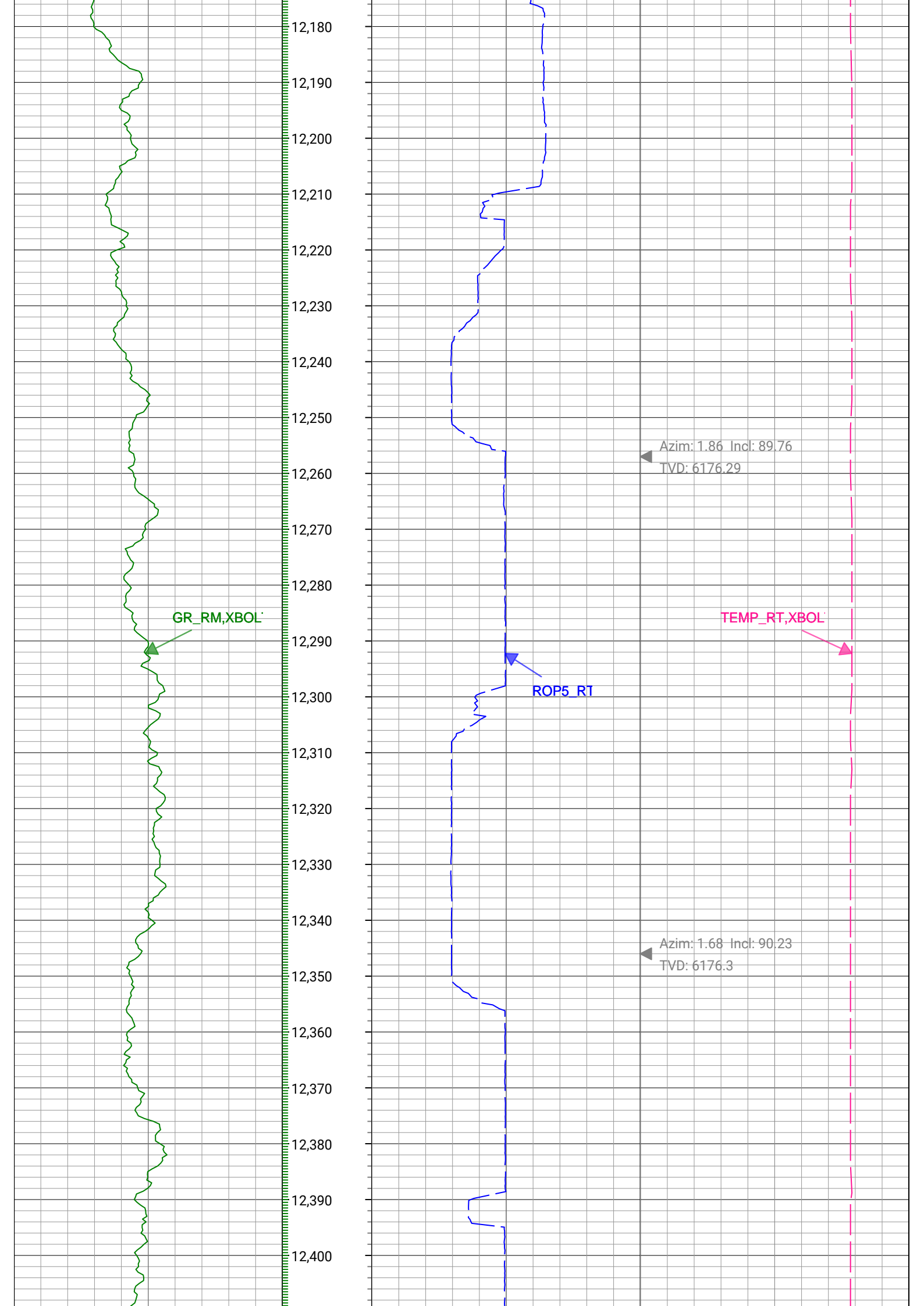
Azim: 359.96 Incl: 90.02  
TVD: 6170.2

Azim: 1.5 Incl: 89.9  
TVD: 6170.27









GR\_RM,XBOL



ROP5\_RT



TEMP\_RT,XBOL



Azim: 1.1 Incl: 90.26  
TVD: 6175.92



Azim: 1.26 Incl: 90.49  
TVD: 6175.34



Azim: 1.38 Incl: 90.36  
TVD: 6174.67



GR\_RM,XBOL

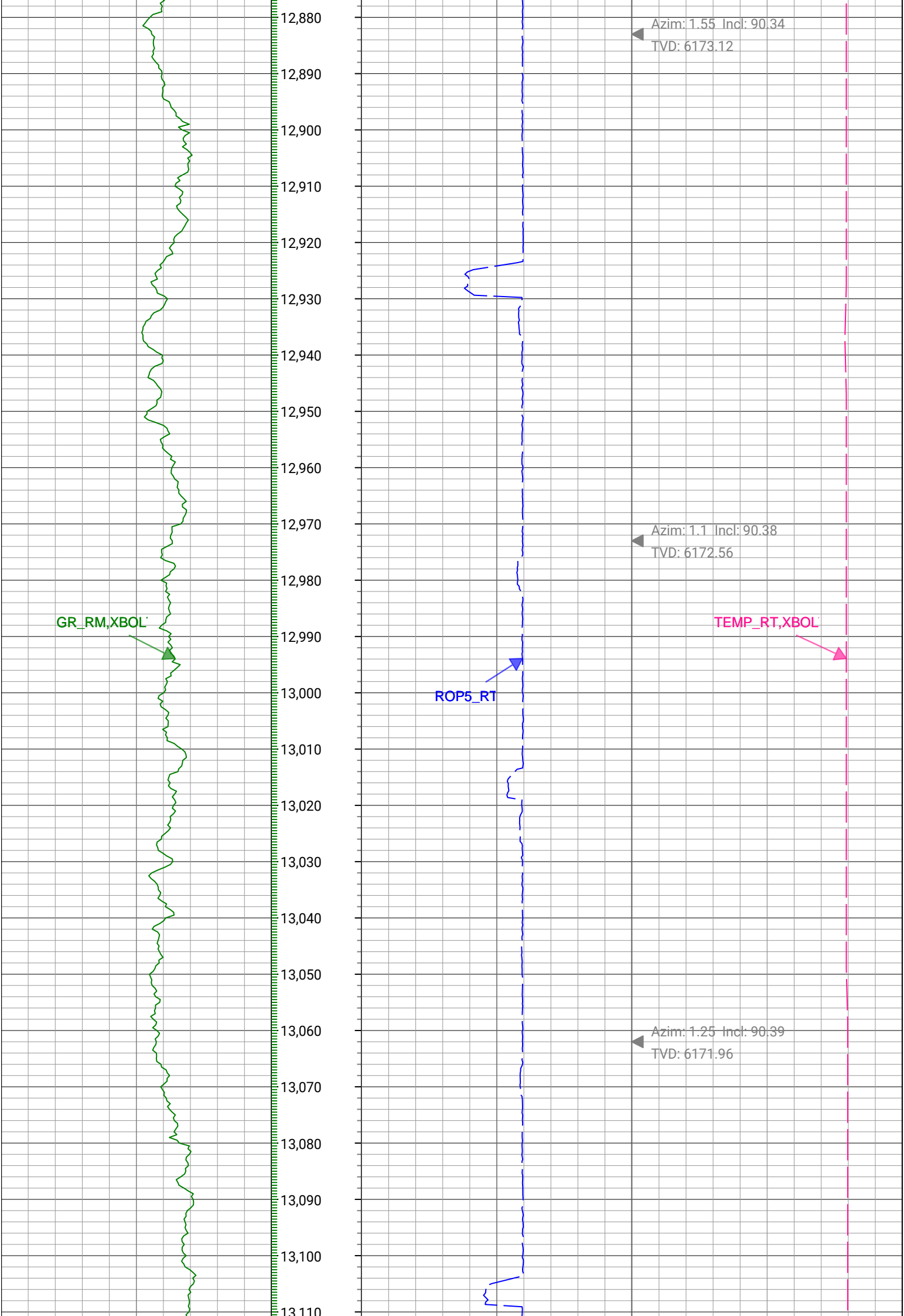
ROP5\_RT

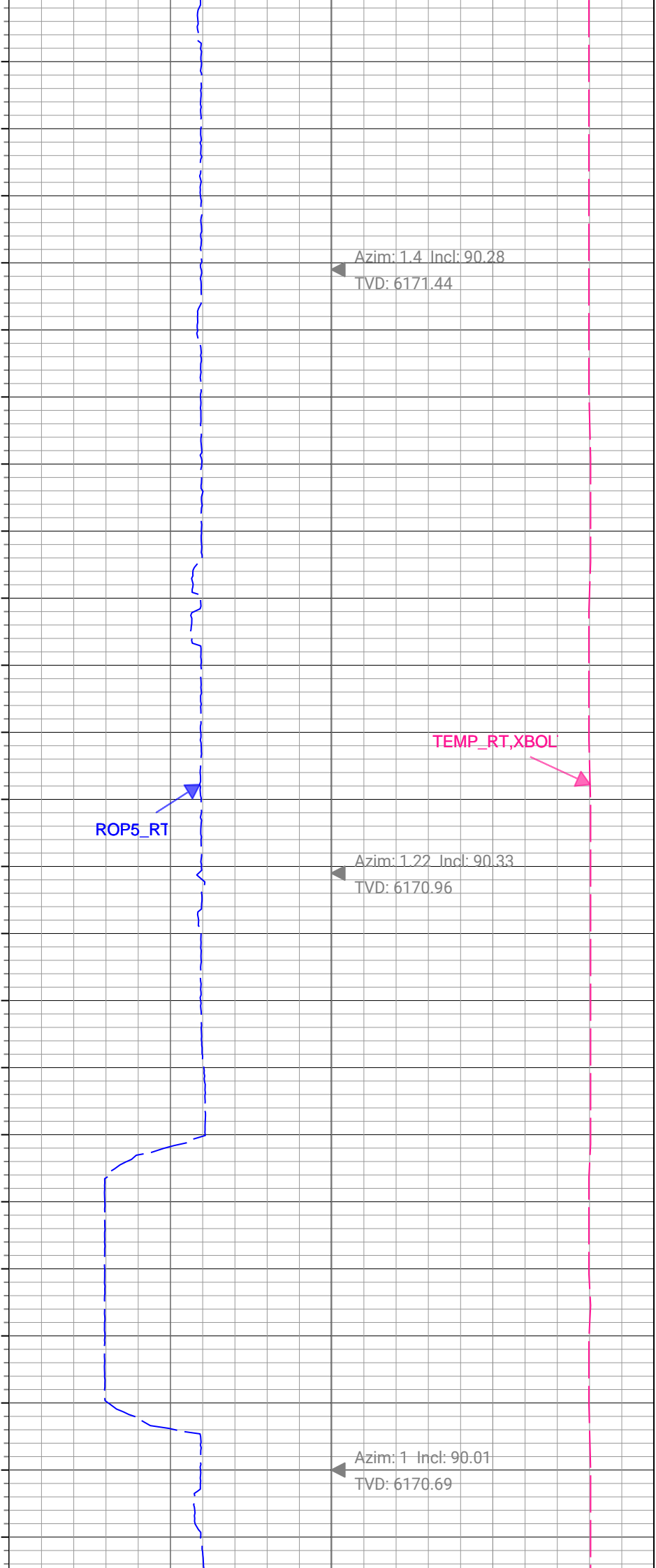
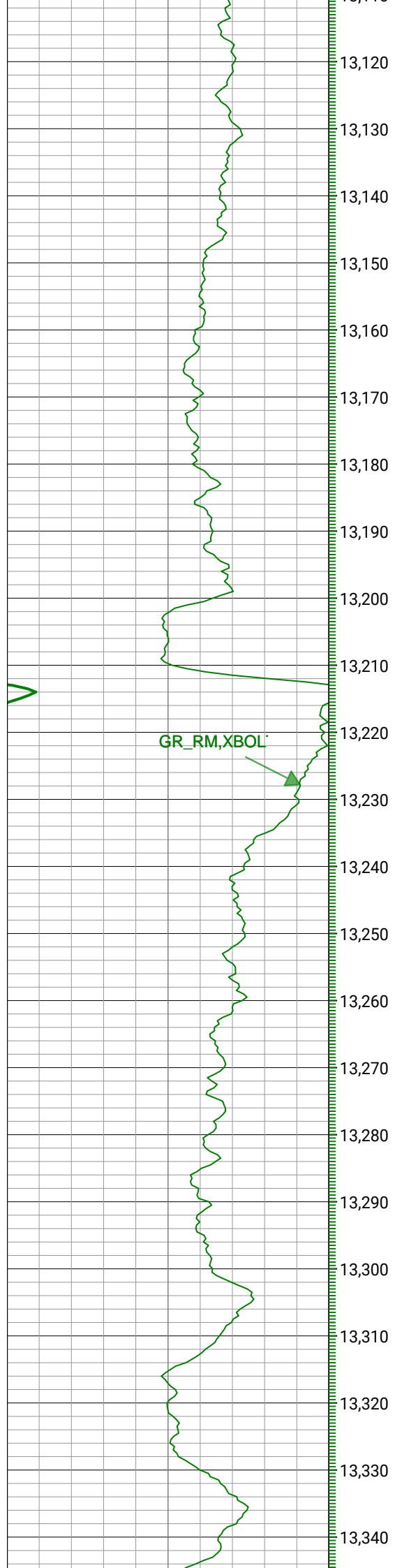
TEMP\_RT,XBOL

Azim: 1.37 Incl: 90.42  
TVD: 6174.06

Azim: 1.28 Incl: 90.23  
TVD: 6173.55







Azim: 1.4 Incl: 90.28  
TVD: 6171.44

TEMP\_RT, XBOL

Azim: 1.22 Incl: 90.33  
TVD: 6170.96

Azim: 1 Incl: 90.01  
TVD: 6170.69

13,350  
13,360  
13,370  
13,380  
13,390  
13,400  
13,410  
13,420  
13,430  
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

GR\_RM,XBOL



ROP5\_RT



TEMP\_RT,XBOL



Azim: 0.83 Incl: 88.64  
TVD: 6171.75

Azim: 1.13 Incl: 89.75  
TVD: 6173.01

GR\_RM,XBOL



ROP5\_RT



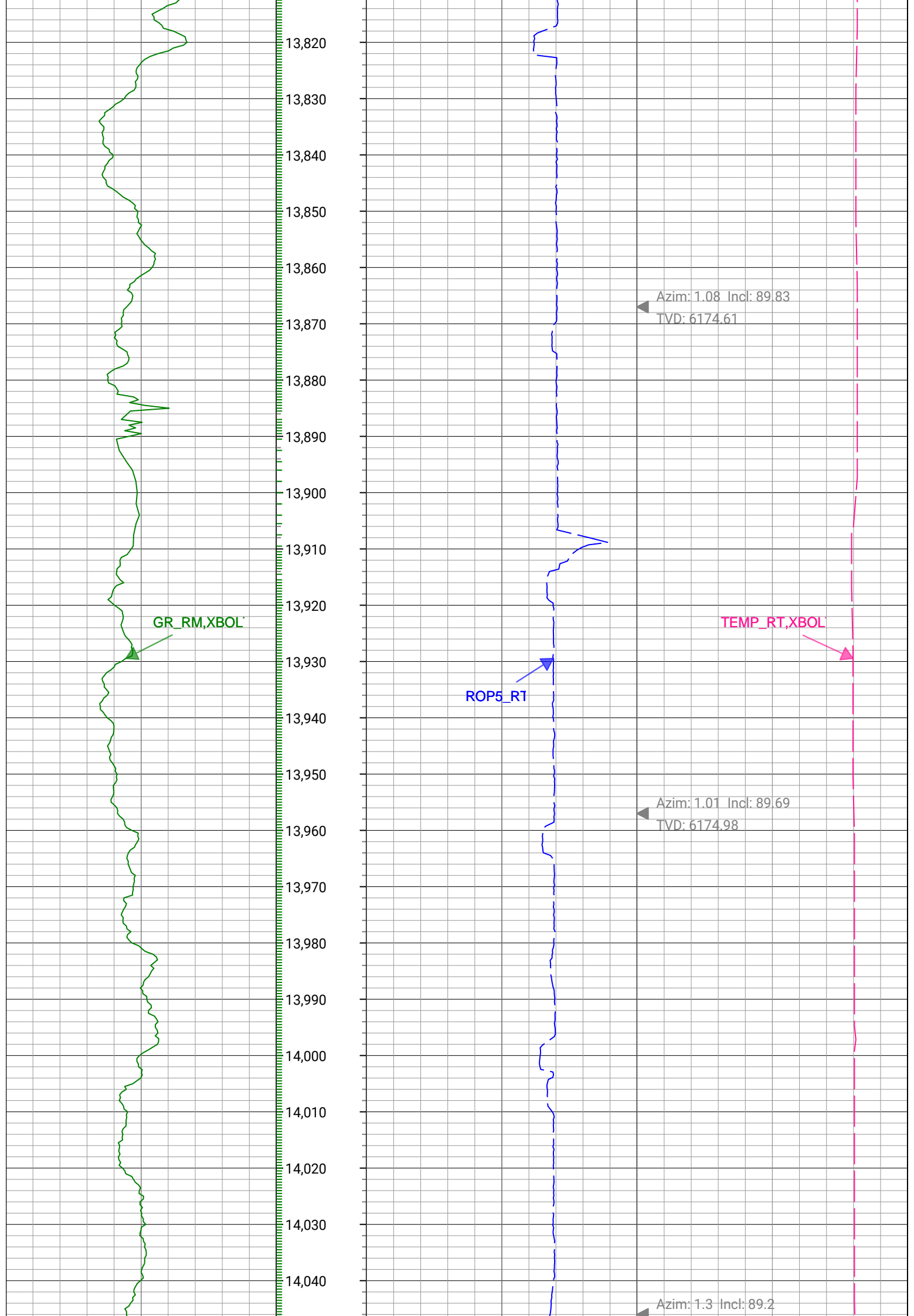
Azim: 1.08 Incl: 89.7  
TVD: 6173.45

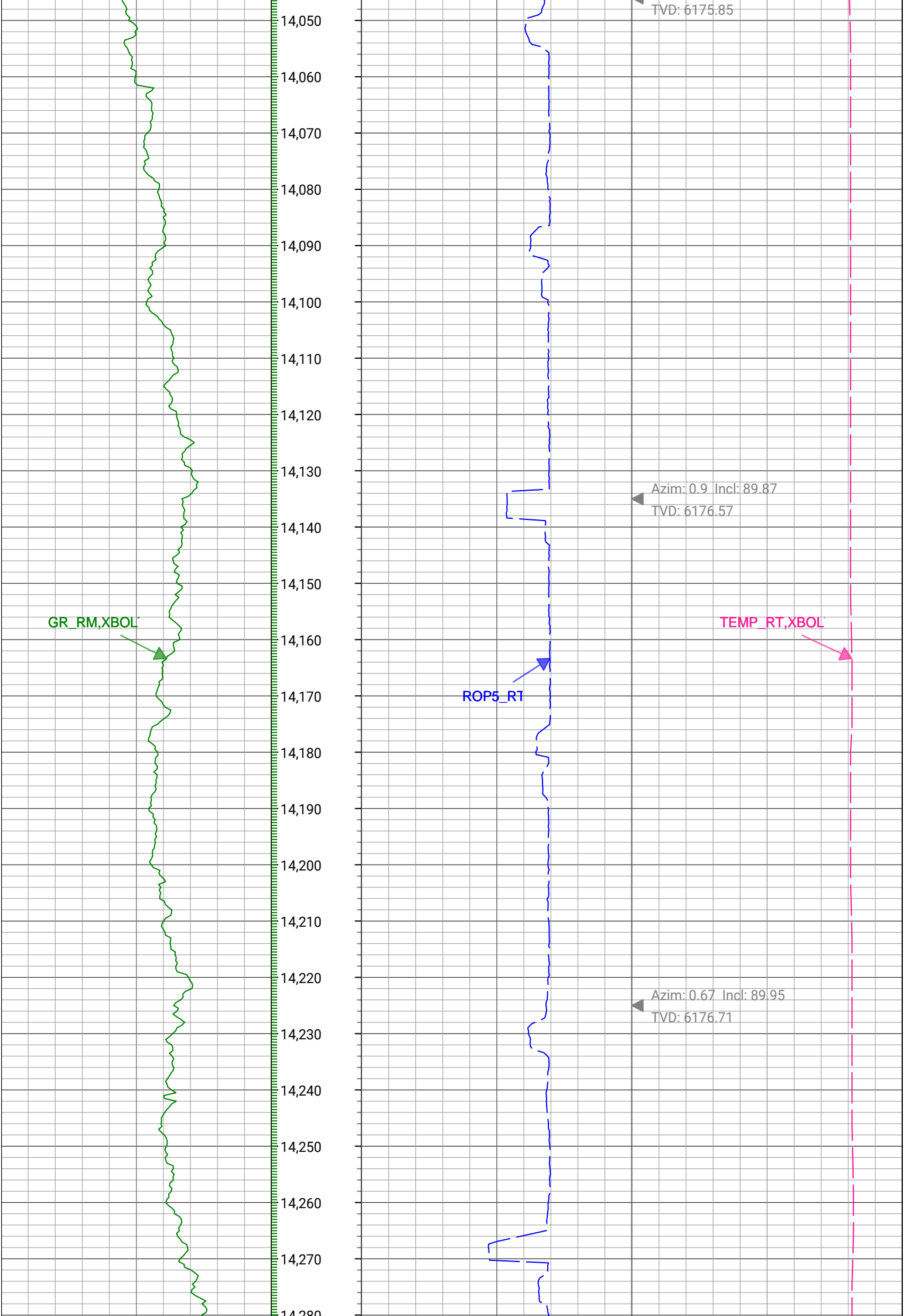
Azim: 0.62 Incl: 89.77  
TVD: 6173.85

TEMP\_RT,XBOL

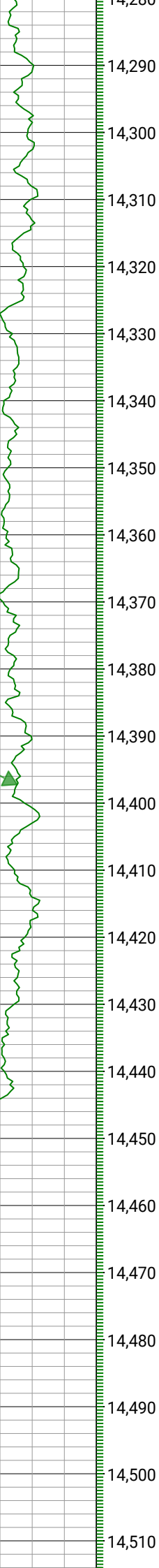


Azim: 1.2 Incl: 89.72  
TVD: 6174.26





GR\_RM,XBOL



ROP5\_RT



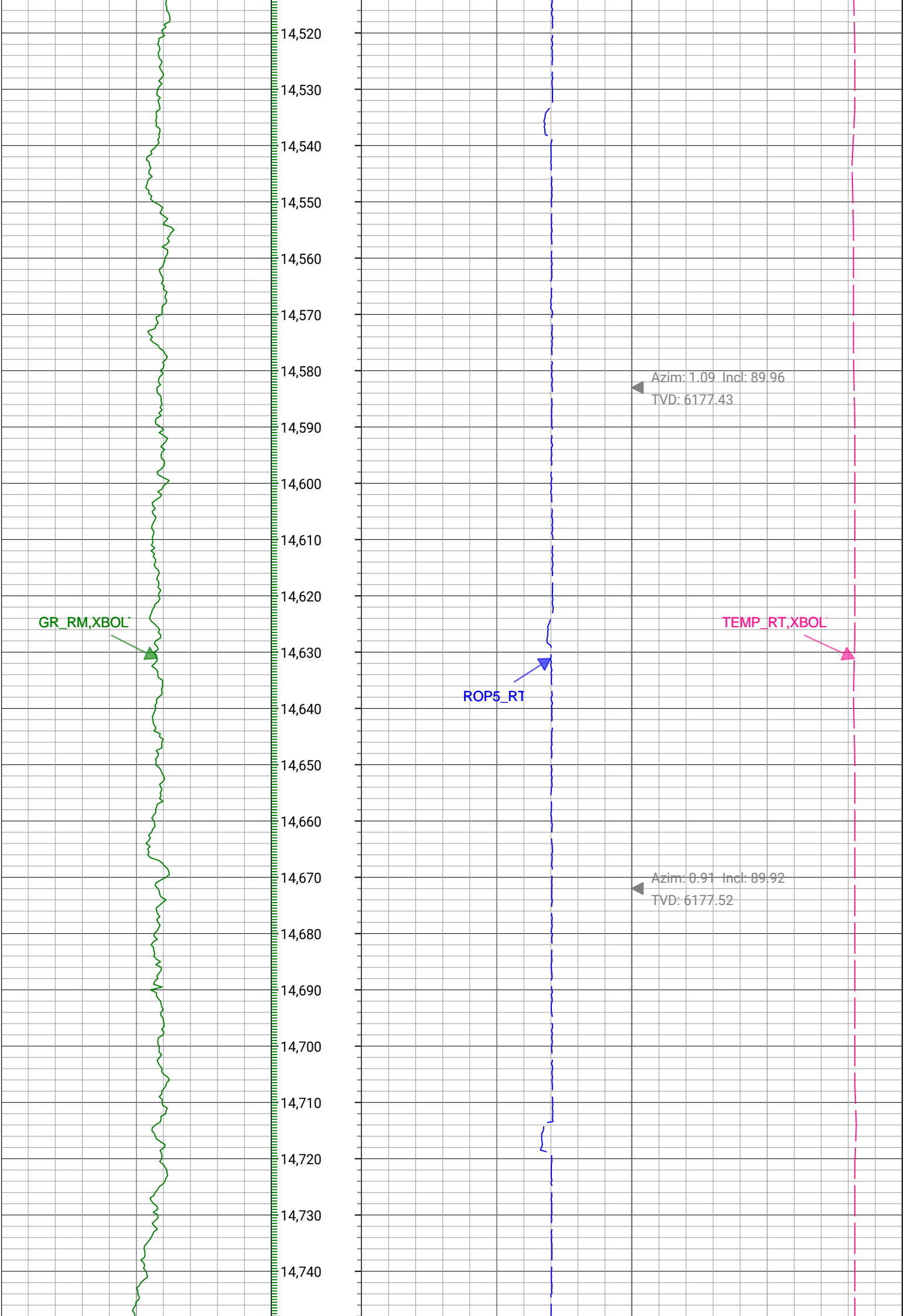
Azim: 0.93 Incl: 89.88  
TVD: 6176.84

TEMP\_RT,XBOL

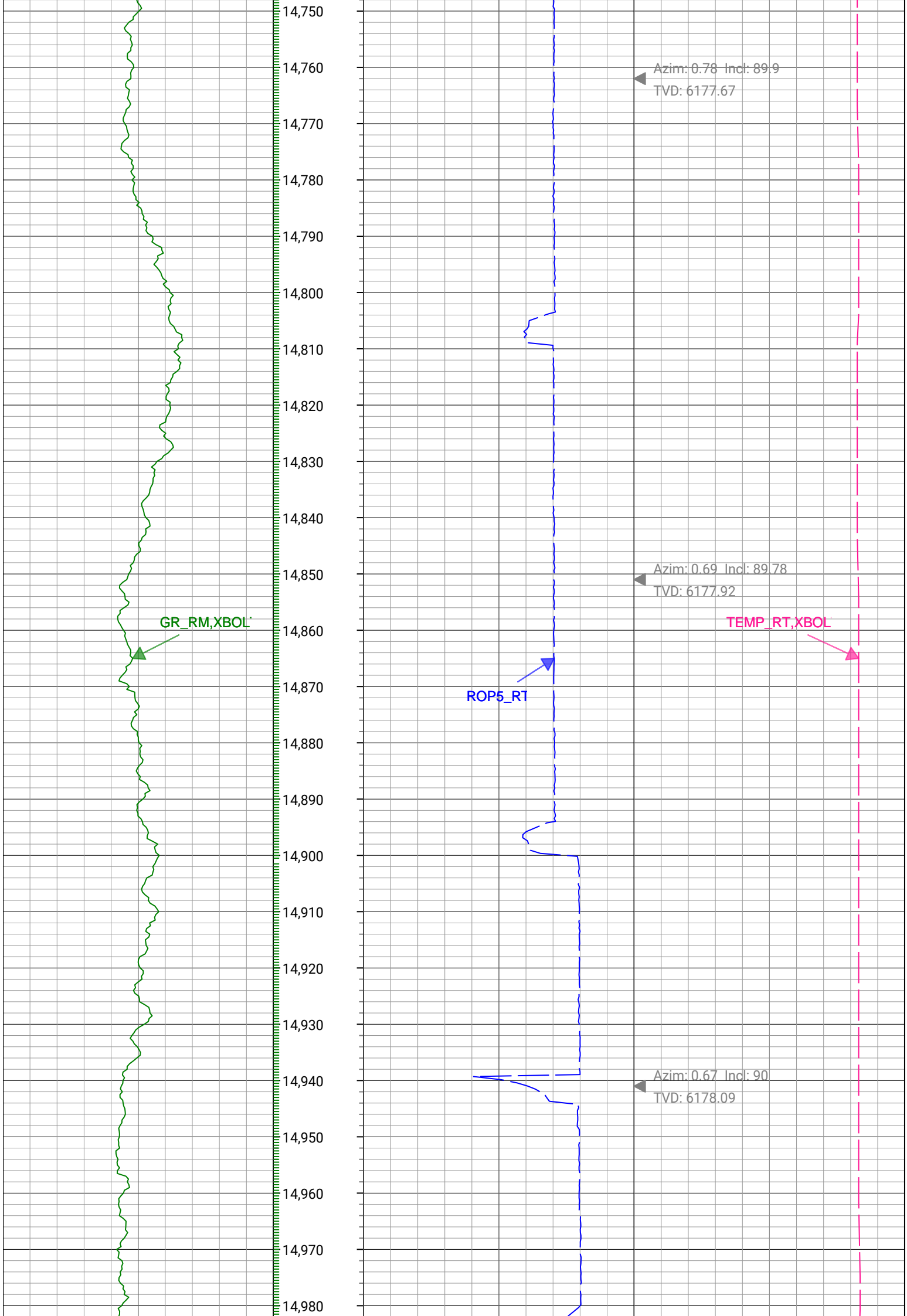


Azim: 0.52 Incl: 89.87  
TVD: 6177.04

Azim: 0.82 Incl: 89.84  
TVD: 6177.27







GR\_RM,XBOL



14,990

15,000

15,010

15,020

15,030

15,040

15,050

15,060

15,070

15,080

15,090

15,100

15,110

15,120

15,130

15,140

15,150

15,160

15,170

15,180

15,190

15,200

15,210

ROP5\_RT



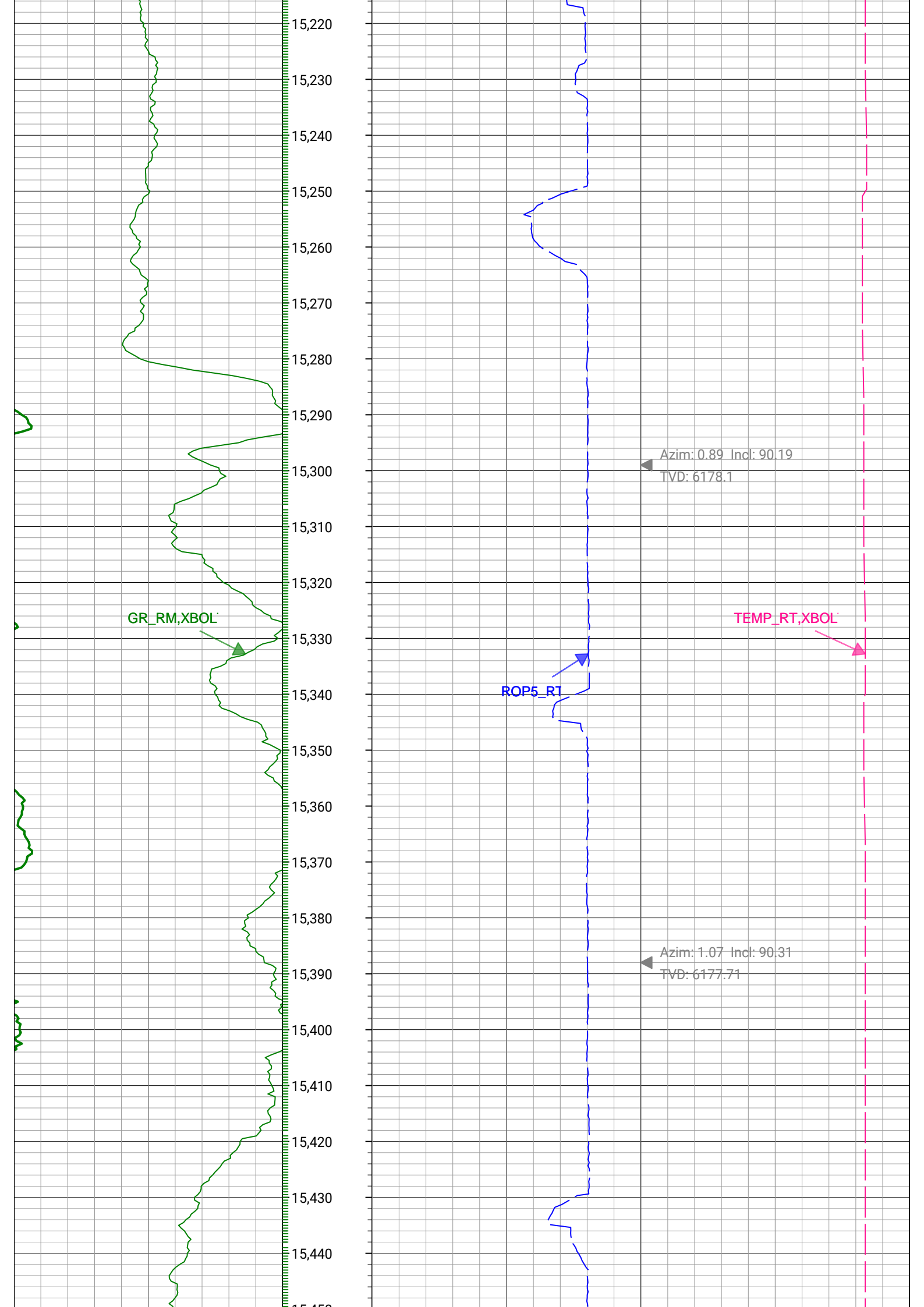
Azim: 0.77 Incl: 89.94  
TVD: 6178.14

Azim: 0.96 Incl: 90.01  
TVD: 6178.17

Azim: 1.08 Incl: 89.94  
TVD: 6178.21

TEMP\_RT,XBOL





GR\_RM,XBOL



ROP5\_RT

TEMP\_RT,XBOL



Azim: 1.5 Incl: 86.62  
TVD: 6180.1

Azim: 1.41 Incl: 88.2  
TVD: 6184.17

Azim: 1.23 Incl: 90.7  
TVD: 6185.02

GR\_RM,XBOL



GR\_RM,XBOL

ROP5\_RT



ROP5\_RT

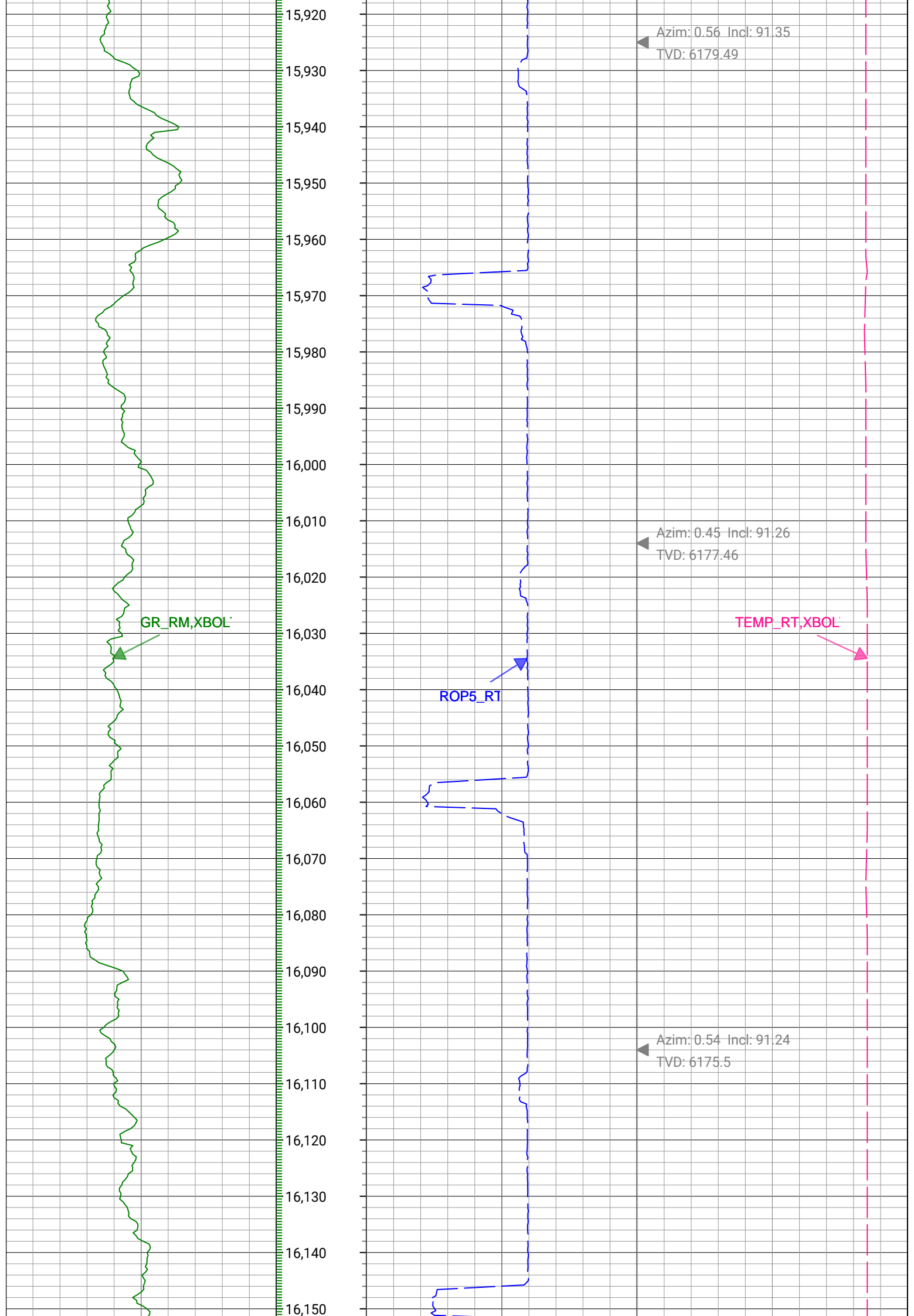
TEMP\_RT,XBOL

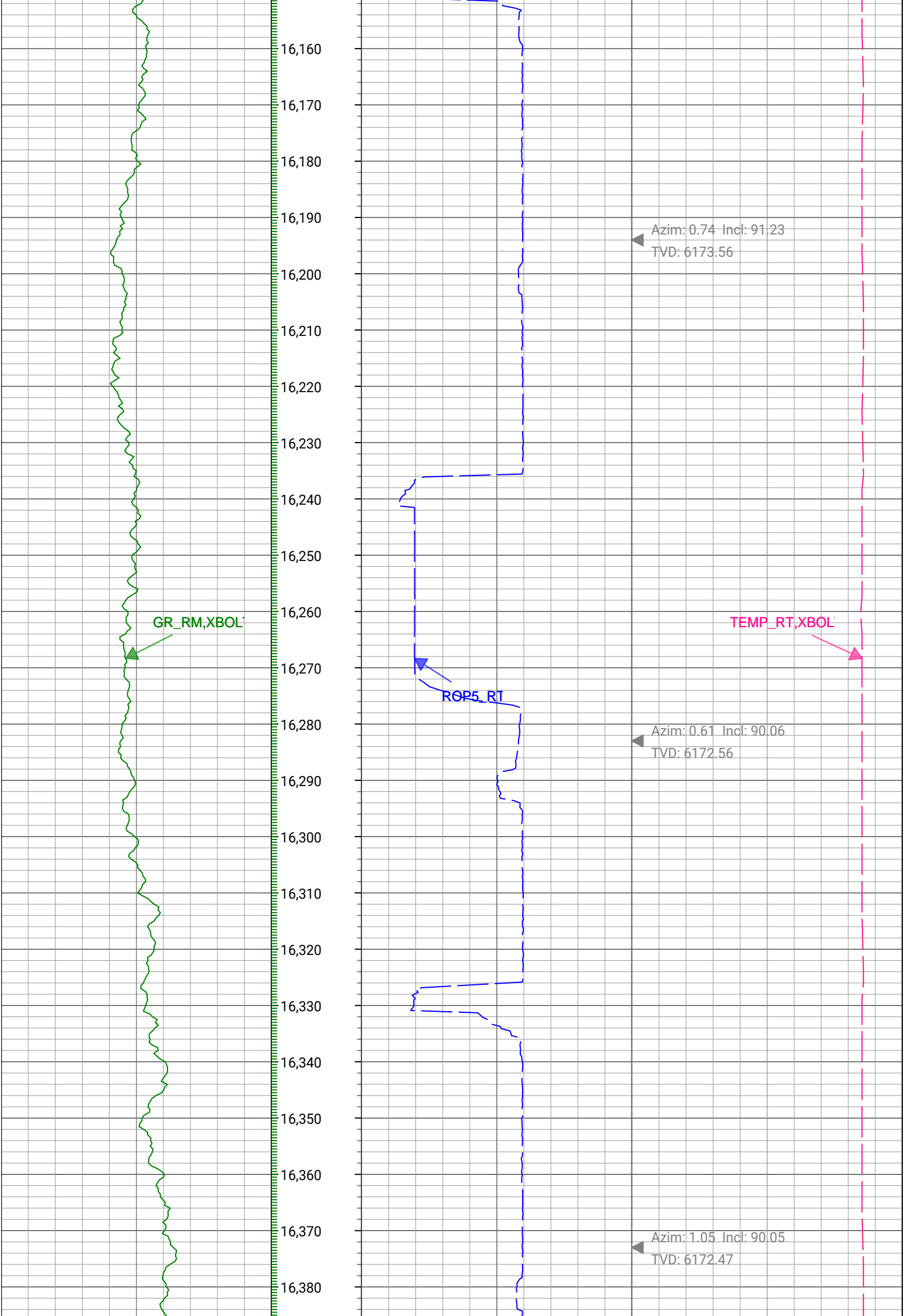


TEMP\_RT,XBOL

Azim: 0.72 Incl: 91.11  
TVD: 6183.59

Azim: 0.72 Incl: 91.4  
TVD: 6181.62





GR\_RM,XBOL

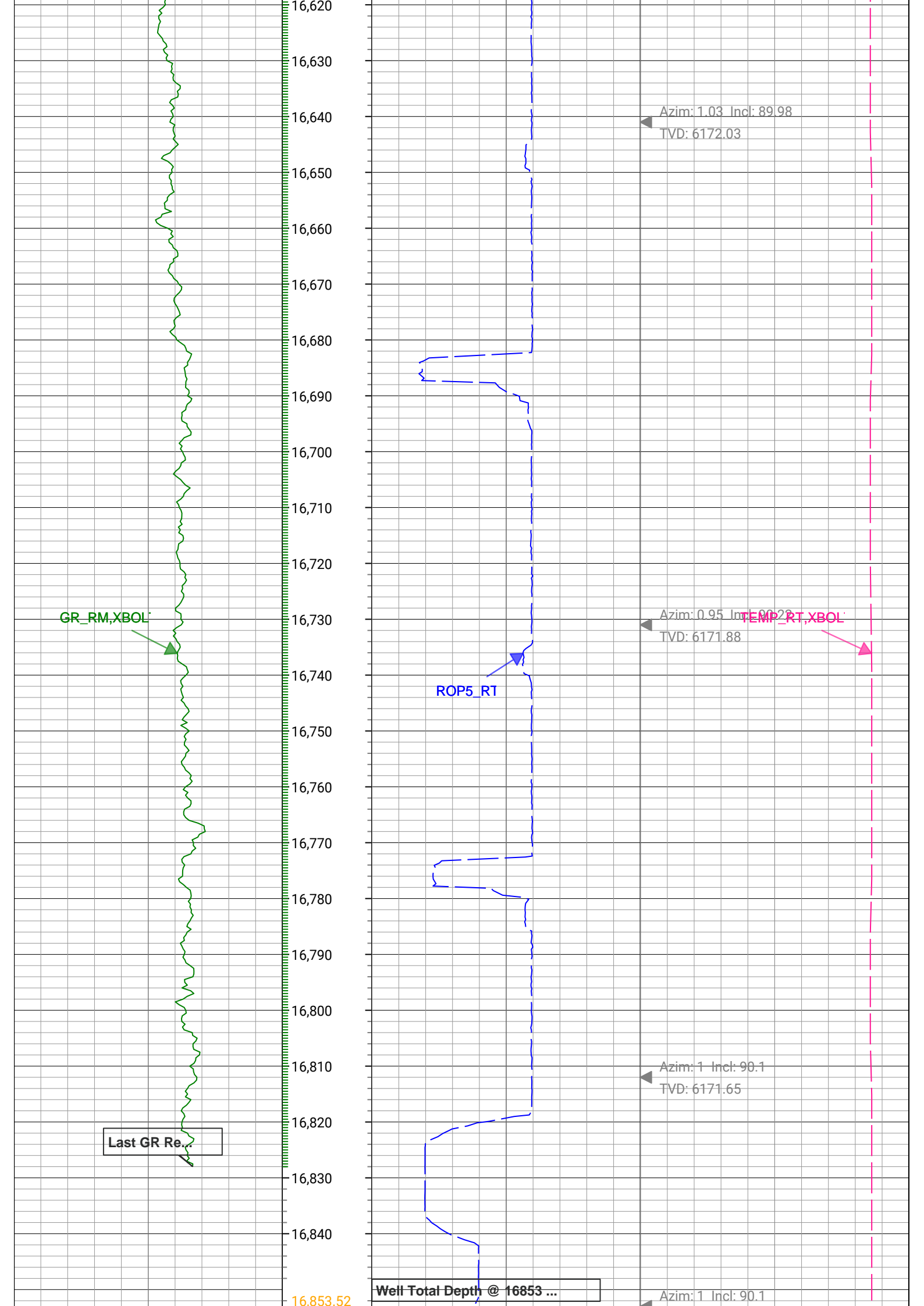
TEMP\_RT,XBOL

ROP5 RT

Azim: 0.87 Incl: 90.09  
TVD: 6172.36

Azim: 0.6 Incl: 90.18  
TVD: 6172.16





0	GR_RM,XBOLT	150	Depth (ft)	0	ROP5_RT	500	0	TEMP_RT,XBOLT	300		
gAPI, Borehole				ft/h, Borehole			degF, Borehole				
							Survey: Azim(deg) Incl(deg)				
Description: XBOLT GAMMA RAY			Format: XBOLT_GR_DNI_VERDAD			Index Scale: 5in/100ft		Index Unit: ft		Index Type: Measured Depth	
Creation Date: 04-Oct-2021											

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:	18-Jul-2021 17:00:00
Location B:	52158.608(nT)	Location G:	999.077(mgn)
Magnetic Dip:	66.86(deg)	Magnetic Dec:	7.603(deg)
Total Correction:	7.603		

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
193	0.6	193.95	193	0.9	-0.89	-0.22	0.34	0.92	193.95	MWD
249	1.05	168.24	248.99	1.68	-1.68	-0.19	1.02	1.69	186.39	MWD
280	1.51	145.93	279.98	2.3	-2.3	0.1	2.16	2.3	177.55	MWD
310	2.16	147.67	309.97	3.09	-3.1	0.62	2.17	3.16	168.66	MWD
340	2.89	143.61	339.94	4.16	-4.19	1.37	2.5	4.41	161.85	MWD
370	3.74	144.66	369.89	5.54	-5.6	2.39	2.84	6.08	156.89	MWD
400	4.25	146.31	399.82	7.24	-7.32	3.57	1.74	8.14	154	MWD
430	4.76	145.94	429.72	9.17	-9.28	4.88	1.7	10.48	152.23	MWD
460	5.32	145.64	459.61	11.32	-11.45	6.37	1.87	13.11	150.94	MWD
490	5.95	144.49	489.46	13.7	-13.87	8.05	2.13	16.04	149.85	MWD
520	6.59	142.36	519.28	16.28	-16.5	10.01	2.27	19.3	148.76	MWD
550	7.12	141.1	549.07	19.05	-19.31	12.23	1.84	22.85	147.65	MWD
580	7.58	140.9	578.82	21.98	-22.29	14.64	1.54	26.67	146.7	MWD
610	8.14	139.47	608.54	25.07	-25.44	17.27	1.98	30.75	145.83	MWD
640	8.57	140.15	638.22	28.34	-28.77	20.08	1.47	35.09	145.08	MWD
670	9.04	140.76	667.87	31.82	-32.31	23.01	1.6	39.67	144.55	MWD
700	9.51	140.54	697.47	35.49	-36.05	26.07	1.57	44.49	144.12	MWD
730	9.88	140.72	727.05	39.33	-39.96	29.28	1.24	49.53	143.77	MWD
760	10.33	141.55	756.58	43.36	-44.06	32.58	1.58	54.79	143.52	MWD
790	10.97	141.97	786.06	47.64	-48.41	36.01	2.15	60.34	143.36	MWD
820	10.85	142.38	815.52	52.05	-52.89	39.49	0.48	66.01	143.25	MWD
850	10.8	142.53	844.99	56.44	-57.36	42.93	0.19	71.65	143.19	MWD
880	10.81	142.06	874.46	60.82	-61.81	46.37	0.3	77.27	143.13	MWD
910	10.92	141.67	903.92	65.19	-66.26	49.86	0.44	82.92	143.04	MWD
940	10.86	141.66	933.38	69.56	-70.71	53.37	0.2	88.59	142.95	MWD
970	10.94	142.44	962.84	73.96	-75.18	56.86	0.56	94.26	142.9	MWD
1000	10.97	141.64	992.29	78.38	-79.67	60.37	0.52	99.96	142.85	MWD

1030	11.11	141.46	1021.73	82.8	-84.17	63.94	0.48	105.7	142.78	MWD
1060	11.28	142.1	1051.16	87.3	-88.75	67.54	0.7	111.53	142.73	MWD
1090	11.26	141.65	1080.58	91.84	-93.36	71.16	0.3	117.39	142.68	MWD
1120	11.3	141.55	1110.01	96.36	-97.96	74.81	0.15	123.26	142.63	MWD
1150	11.29	142.54	1139.42	100.91	-102.59	78.42	0.65	129.13	142.61	MWD
1180	11.42	142.38	1168.84	105.52	-107.28	82.02	0.45	135.04	142.6	MWD
1210	11.56	141.58	1198.24	110.15	-111.98	85.7	0.71	141.01	142.57	MWD
1240	11.77	141.73	1227.62	114.83	-116.74	89.47	0.71	147.08	142.53	MWD
1270	11.83	141.56	1256.98	119.55	-121.55	93.27	0.23	153.21	142.5	MWD
1300	11.96	141.85	1286.34	124.33	-126.4	97.1	0.48	159.4	142.47	MWD
1330	12.13	141.87	1315.68	129.17	-131.33	100.97	0.57	165.66	142.45	MWD
1360	11.9	141.8	1345.02	133.99	-136.24	104.83	0.77	171.9	142.42	MWD
1390	11.82	141.93	1374.38	138.76	-141.09	108.64	0.28	178.07	142.4	MWD
1420	11.88	142.27	1403.74	143.54	-145.95	112.42	0.31	184.23	142.39	MWD
1450	11.8	142.86	1433.1	148.35	-150.84	116.16	0.48	190.38	142.4	MWD
1480	11.52	144.66	1462.48	153.16	-155.73	119.75	1.53	196.44	142.44	MWD
1510	10.99	147.09	1491.91	157.94	-160.57	123.03	2.37	202.29	142.54	MWD
1540	10.78	147.97	1521.37	162.65	-165.35	126.08	0.89	207.93	142.68	MWD
1570	10.64	148.58	1550.84	167.33	-170.09	129.01	0.6	213.48	142.82	MWD
1600	10.51	148.6	1580.33	171.97	-174.79	131.88	0.43	218.96	142.97	MWD
1630	10.61	148.37	1609.83	176.59	-179.48	134.75	0.36	224.43	143.1	MWD
1660	10.7	147.96	1639.31	181.24	-184.19	137.68	0.39	229.96	143.22	MWD
1690	10.6	146.62	1668.79	185.84	-188.85	140.67	0.89	235.49	143.32	MWD
1720	10.58	146.46	1698.28	190.38	-193.45	143.71	0.12	240.99	143.39	MWD
1750	10.73	146.56	1727.76	194.94	-198.08	146.77	0.5	246.53	143.46	MWD
1780	10.63	147.19	1757.24	199.53	-202.74	149.81	0.51	252.08	143.54	MWD
1810	10.42	144.86	1786.74	204.01	-207.28	152.87	1.58	257.56	143.59	MWD
1840	10.39	142.86	1816.25	208.31	-211.66	156.07	1.21	262.97	143.6	MWD
1864	10.4	143	1839.85	211.71	-215.11	158.68	0.11	267.3	143.59	MWD
1970	10.78	141.96	1944.05	226.9	-230.55	170.54	0.4	286.78	143.51	MWD
2060	10.99	140.16	2032.43	239.88	-243.77	181.22	0.44	303.75	143.37	MWD
2149	10.52	145.85	2119.87	252.9	-257	191.21	1.3	320.33	143.35	MWD
2239	10.49	144.51	2208.36	266.17	-270.46	200.58	0.27	336.72	143.44	MWD
2328	11.01	145.35	2295.8	279.55	-284.05	210.11	0.62	353.32	143.51	MWD
2418	10.83	147.06	2384.17	293.52	-298.22	219.6	0.41	370.35	143.63	MWD
2508	10.86	147.43	2472.56	307.56	-312.46	228.77	0.09	387.26	143.79	MWD
2597	10.63	146.14	2560	321.25	-326.35	237.85	0.38	403.83	143.91	MWD
2687	11.09	145	2648.39	335.03	-340.33	247.44	0.57	420.78	143.98	MWD
2776	11.28	148.12	2735.7	349.23	-354.73	256.95	0.71	438.02	144.08	MWD
2865	11.31	145.89	2822.98	363.64	-369.35	266.44	0.49	455.42	144.19	MWD
2955	11.33	144.23	2911.23	377.91	-383.83	276.56	0.36	473.09	144.23	MWD
3044	11	145.12	2998.54	391.75	-397.89	286.52	0.42	490.32	144.24	MWD
3133	10.79	141.43	3085.94	405.02	-411.37	296.57	0.82	507.13	144.21	MWD
3223	10.75	141.5	3174.35	417.95	-424.52	307.05	0.05	523.93	144.12	MWD
3312	11.1	142.09	3261.74	430.97	-437.77	317.48	0.42	540.78	144.05	MWD
3401	11.32	141.69	3349.04	444.36	-451.39	328.16	0.27	558.07	143.98	MWD
3491	11.46	144.1	3437.27	458.31	-465.57	338.88	0.55	575.84	143.95	MWD
3580	11.26	144.23	3524.53	472.3	-479.78	349.14	0.22	593.37	143.96	MWD
3670	11.05	141.23	3612.83	485.93	-493.64	359.68	0.69	610.78	143.92	MWD
3759	11.28	142.75	3700.14	499.28	-507.22	370.29	0.42	628	143.87	MWD

3849	10.68	140.51	3788.49	512.5	-520.66	380.92	0.82	645.13	143.81	MWD
3939	11.12	143.92	3876.87	525.73	-534.11	391.34	0.87	662.13	143.77	MWD
4028	11.08	143	3964.21	539.28	-547.88	401.54	0.2	679.27	143.76	MWD
4118	11.08	143.51	4052.53	552.92	-561.74	411.89	0.11	696.57	143.75	MWD
4207	10.96	142.49	4139.89	566.29	-575.33	422.13	0.26	713.58	143.73	MWD
4296	10.88	138.03	4227.28	579.01	-588.29	432.9	0.95	730.4	143.65	MWD
4386	10.73	143.95	4315.68	591.88	-601.38	443.51	1.24	747.23	143.59	MWD
4476	11.06	141.42	4404.06	605.18	-614.9	453.83	0.64	764.24	143.57	MWD
4565	10.97	143.14	4491.42	618.41	-628.35	464.23	0.38	781.24	143.54	MWD
4654	10.94	142.05	4578.8	631.62	-641.79	474.5	0.24	798.15	143.52	MWD
4744	11.03	143.05	4667.15	645.01	-655.4	484.93	0.23	815.3	143.5	MWD
4833	10.64	140.58	4754.56	657.95	-668.55	495.27	0.68	832.02	143.47	MWD
4923	10.8	142.2	4842.99	670.8	-681.63	505.71	0.38	848.75	143.43	MWD
5012	7.04	135.96	4930.9	681.13	-692.15	514.62	4.35	862.5	143.37	MWD
5102	3.4	125.99	5020.52	686.54	-697.68	520.61	4.15	870.52	143.27	MWD
5191	1.92	145.05	5109.42	689.24	-700.46	523.6	1.92	874.53	143.22	MWD
5281	0.59	112.3	5199.4	690.63	-701.87	524.9	1.61	876.43	143.21	MWD
5370	0.56	161.33	5288.39	691.2	-702.46	525.46	0.54	877.24	143.2	MWD
5460	0.42	64.53	5378.39	691.47	-702.73	525.9	0.82	877.73	143.19	MWD
5549	0.14	341.19	5467.39	691.23	-702.49	526.16	0.48	877.69	143.17	MWD
5638	9.51	14.56	5555.98	683.96	-695.26	527.98	10.55	873.01	142.79	MWD
5728	16.59	11.18	5643.6	664.05	-675.44	532.34	7.92	860	141.76	MWD
5818	23.55	6.09	5728.08	633.43	-644.91	536.75	7.96	839.05	140.23	MWD
5907	31.5	2.35	5806.95	592.4	-603.93	539.6	9.14	809.87	138.22	MWD
5996	32.82	1.01	5882.29	545.03	-556.58	540.98	1.68	776.17	135.81	MWD
6086	40.02	4.53	5954.68	491.67	-503.27	543.7	8.33	740.87	132.79	MWD
6175	47.06	5.81	6019.15	430.56	-442.25	549.26	7.97	705.18	128.84	MWD
6265	54.6	5.94	6075.96	361.07	-372.9	556.4	8.39	669.8	123.83	MWD
6354	59.54	6.03	6124.33	286.65	-298.63	564.18	5.55	638.34	117.89	MWD
6444	68.72	5.21	6163.56	205.99	-218.12	572.08	10.23	612.25	110.87	MWD
6533	78.73	2.6	6188.47	120.77	-133	577.84	11.6	592.95	102.96	MWD
6622	89.4	359.25	6197.67	32.39	-44.63	579.24	12.55	580.96	94.41	MWD
6712	89.47	1.3	6198.55	-57.59	45.36	579.68	2.28	581.45	85.53	MWD
6801	88.32	358.28	6200.27	-146.54	134.33	579.35	3.64	594.72	76.95	MWD
6891	90.69	356.75	6201.05	-236.34	224.23	575.45	3.14	617.59	68.71	MWD
6980	89.71	359.99	6200.74	-325.21	313.18	572.91	3.81	652.93	61.34	MWD
7070	90.63	0.41	6200.48	-415.2	403.18	573.23	1.12	700.82	54.88	MWD
7159	91.18	0.92	6199.08	-504.18	492.16	574.26	0.84	756.31	49.4	MWD
7250	90.33	3.31	6197.89	-595.16	583.09	577.61	2.79	820.75	44.73	MWD
7338	91.53	1.1	6196.46	-683.12	671	581	2.85	887.58	40.89	MWD
7428	91.39	1.86	6194.17	-773.09	760.94	583.32	0.86	958.8	37.47	MWD
7518	91.35	1.35	6192.02	-863.06	850.88	585.85	0.57	1033.06	34.55	MWD
7607	90.6	1.17	6190.5	-952.05	939.85	587.81	0.87	1108.53	32.02	MWD
7696	91.1	0.78	6189.19	-1041.04	1028.82	589.33	0.71	1185.66	29.8	MWD
7785	90.89	1.84	6187.65	-1130.02	1117.79	591.37	1.21	1264.58	27.88	MWD
7875	89.59	359.97	6187.27	-1220.02	1207.77	592.79	2.54	1345.4	26.14	MWD
7964	89.62	358.84	6187.88	-1308.97	1296.76	591.86	1.27	1425.44	24.53	MWD
8054	90.36	0.99	6187.9	-1398.94	1386.75	591.72	2.53	1507.72	23.11	MWD
8143	90.45	2.34	6187.27	-1487.93	1475.71	594.3	1.52	1590.89	21.94	MWD
8233	90.11	2.63	6186.82	-1577.91	1565.63	598.2	0.5	1676.02	20.91	MWD

8322	90.04	4.75	6186.7	-1666.82	1654.44	603.93	2.39	1761.22	20.05	MWD
8411	90.21	1.69	6186.5	-1755.75	1743.28	608.93	3.45	1846.58	19.25	MWD
8501	90.03	358.87	6186.31	-1845.73	1833.27	609.37	3.14	1931.9	18.39	MWD
8590	90.19	1.63	6186.13	-1934.71	1922.26	609.76	3.11	2016.66	17.6	MWD
8680	88.94	1.48	6186.82	-2024.71	2012.23	612.2	1.41	2103.29	16.92	MWD
8769	89.5	356.55	6188.04	-2113.6	2101.18	610.67	5.57	2188.12	16.21	MWD
8859	90.49	353.86	6188.04	-2203.1	2190.85	603.15	3.2	2272.36	15.39	MWD
8948	90.64	357.54	6187.16	-2291.67	2279.58	596.47	4.14	2356.33	14.66	MWD
9038	90.24	1.11	6186.48	-2381.6	2369.56	595.41	4	2443.22	14.1	MWD
9127	89.83	1.29	6186.42	-2470.6	2458.54	597.28	0.49	2530.05	13.65	MWD
9217	90.6	1.78	6186.08	-2560.6	2548.51	599.69	1.02	2618.11	13.24	MWD
9306	90.65	2.77	6185.11	-2649.58	2637.43	603.23	1.11	2705.53	12.88	MWD
9396	90	3.8	6184.6	-2739.52	2727.28	608.39	1.35	2794.31	12.58	MWD
9485	90.3	5.3	6184.37	-2828.36	2815.99	615.45	1.72	2882.46	12.33	MWD
9575	87.42	4.84	6186.16	-2918.13	2905.61	623.4	3.25	2971.74	12.11	MWD
9665	89.41	3.94	6188.65	-3007.95	2995.31	630.28	2.43	3060.9	11.88	MWD
9754	90.27	4.42	6188.89	-3096.83	3084.07	636.76	1.1	3149.12	11.67	MWD
9844	87.69	4.74	6190.49	-3186.66	3173.76	643.94	2.89	3238.43	11.47	MWD
9933	90.38	2.73	6191.99	-3275.54	3262.55	649.73	3.77	3326.62	11.26	MWD
10023	89.7	0.8	6191.93	-3365.53	3352.5	652.49	2.28	3415.41	11.01	MWD
10112	91.36	358.18	6191.11	-3454.48	3441.49	651.7	3.49	3502.65	10.72	MWD
10202	91.12	355.79	6189.16	-3544.21	3531.33	646.96	2.66	3590.11	10.38	MWD
10291	91.32	357.43	6187.27	-3632.9	3620.15	641.7	1.85	3676.59	10.05	MWD
10381	90.93	2.06	6185.5	-3722.83	3710.11	641.3	5.16	3765.13	9.81	MWD
10470	91.09	7.31	6183.92	-3811.62	3798.77	648.56	5.9	3853.74	9.69	MWD
10559	91.16	7.34	6182.17	-3900.09	3887.03	659.91	0.09	3942.64	9.64	MWD
10648	91.14	4.84	6180.38	-3988.75	3975.5	669.35	2.8	4031.45	9.56	MWD
10738	91.17	2.47	6178.57	-4078.64	4065.29	675.09	2.64	4120.96	9.43	MWD
10827	91.14	0.17	6176.78	-4167.62	4154.24	677.13	2.58	4209.07	9.26	MWD
10916	91.14	0.35	6175.01	-4256.59	4243.22	677.54	0.21	4296.98	9.07	MWD
11005	91.13	0.08	6173.25	-4345.55	4332.21	677.88	0.3	4384.92	8.89	MWD
11095	90.97	359.88	6171.6	-4435.52	4422.19	677.85	0.28	4473.84	8.71	MWD
11184	90.96	358.37	6170.1	-4524.44	4511.17	676.49	1.7	4561.61	8.53	MWD
11274	89.88	0.41	6169.44	-4614.39	4601.15	675.53	2.56	4650.48	8.35	MWD
11363	89.66	0.4	6169.8	-4703.38	4690.15	676.16	0.25	4738.64	8.2	MWD
11452	89.9	0.24	6170.14	-4792.37	4779.15	676.65	0.32	4826.81	8.06	MWD
11542	90.02	359.96	6170.2	-4882.35	4869.15	676.81	0.34	4915.96	7.91	MWD
11631	89.9	1.5	6170.27	-4971.35	4958.14	677.94	1.74	5004.27	7.79	MWD
11721	90.02	1.51	6170.33	-5061.35	5048.11	680.31	0.13	5093.74	7.68	MWD
11810	89.77	1.76	6170.5	-5150.34	5137.07	682.85	0.39	5182.25	7.57	MWD
11899	89.56	2.13	6171.02	-5239.33	5226.02	685.87	0.48	5270.83	7.48	MWD
11989	89.78	1.89	6171.53	-5329.32	5315.96	689.04	0.37	5360.43	7.39	MWD
12078	89.84	1.43	6171.82	-5418.32	5404.92	691.62	0.52	5448.99	7.29	MWD
12168	87.34	2.3	6174.04	-5508.28	5494.84	694.55	2.94	5538.56	7.2	MWD
12257	89.76	1.86	6176.29	-5597.23	5583.74	697.78	2.76	5627.17	7.12	MWD
12346	90.23	1.68	6176.3	-5686.23	5672.7	700.53	0.57	5715.79	7.04	MWD
12436	90.26	1.1	6175.92	-5776.23	5762.67	702.71	0.65	5805.36	6.95	MWD
12525	90.49	1.26	6175.34	-5865.22	5851.65	704.54	0.31	5893.91	6.87	MWD
12615	90.36	1.38	6174.67	-5955.22	5941.63	706.62	0.19	5983.5	6.78	MWD
12704	90.42	1.27	6174.06	-6044.22	6030.6	708.76	0.27	6073.1	6.7	MWD

12704	90.42	1.37	6174.06	-6044.22	6030.6	708.76	0.07	6072.1	6.7	MWD
12794	90.23	1.28	6173.55	-6134.22	6120.57	710.84	0.24	6161.71	6.62	MWD
12883	90.34	1.55	6173.12	-6223.22	6209.54	713.04	0.33	6250.35	6.55	MWD
12973	90.38	1.1	6172.56	-6313.21	6299.52	715.13	0.51	6339.98	6.48	MWD
13062	90.39	1.25	6171.96	-6402.21	6388.5	716.95	0.17	6428.6	6.4	MWD
13151	90.28	1.4	6171.44	-6491.21	6477.47	719.01	0.21	6517.26	6.33	MWD
13241	90.33	1.22	6170.96	-6581.21	6567.45	721.07	0.21	6606.91	6.27	MWD
13330	90.01	1	6170.69	-6670.21	6656.43	722.79	0.44	6695.56	6.2	MWD
13420	88.64	0.83	6171.75	-6760.2	6746.41	724.23	1.53	6785.17	6.13	MWD
13509	89.75	1.13	6173.01	-6849.19	6835.39	725.75	1.29	6873.81	6.06	MWD
13599	89.7	1.08	6173.45	-6939.19	6925.37	727.49	0.08	6963.47	6	MWD
13688	89.77	0.62	6173.85	-7028.18	7014.36	728.81	0.53	7052.12	5.93	MWD
13778	89.72	1.2	6174.26	-7118.18	7104.34	730.23	0.65	7141.78	5.87	MWD
13867	89.83	1.08	6174.61	-7207.18	7193.33	732	0.19	7230.47	5.81	MWD
13957	89.69	1.01	6174.98	-7297.18	7283.31	733.63	0.18	7320.17	5.75	MWD
14046	89.2	1.3	6175.85	-7386.17	7372.29	735.42	0.64	7408.88	5.7	MWD
14135	89.87	0.9	6176.57	-7475.17	7461.27	737.13	0.87	7497.59	5.64	MWD
14225	89.95	0.67	6176.71	-7565.17	7551.26	738.37	0.27	7587.27	5.58	MWD
14315	89.88	0.93	6176.84	-7655.17	7641.25	739.63	0.3	7676.96	5.53	MWD
14404	89.87	0.52	6177.04	-7744.16	7730.24	740.76	0.46	7765.65	5.47	MWD
14494	89.84	0.82	6177.27	-7834.16	7820.24	741.82	0.33	7855.34	5.42	MWD
14583	89.96	1.09	6177.43	-7923.16	7909.22	743.3	0.33	7944.07	5.37	MWD
14672	89.92	0.91	6177.52	-8012.16	7998.21	744.85	0.2	8032.82	5.32	MWD
14762	89.9	0.78	6177.67	-8102.15	8088.2	746.18	0.15	8122.55	5.27	MWD
14851	89.78	0.69	6177.92	-8191.15	8177.19	747.32	0.17	8211.27	5.22	MWD
14941	90	0.67	6178.09	-8281.15	8267.19	748.39	0.24	8300.99	5.17	MWD
15030	89.94	0.77	6178.14	-8370.14	8356.18	749.51	0.13	8389.73	5.13	MWD
15120	90.01	0.96	6178.17	-8460.14	8446.17	750.87	0.22	8479.48	5.08	MWD
15209	89.94	1.08	6178.21	-8549.14	8535.15	752.45	0.16	8568.26	5.04	MWD
15299	90.19	0.89	6178.1	-8639.14	8625.14	754	0.35	8658.03	5	MWD
15388	90.31	1.07	6177.71	-8728.14	8714.13	755.52	0.24	8746.82	4.96	MWD
15477	86.62	1.5	6180.1	-8817.09	8803.06	757.51	4.18	8835.59	4.92	MWD
15567	88.2	1.41	6184.17	-8906.99	8892.93	759.8	1.76	8925.33	4.88	MWD
15656	90.7	1.23	6185.02	-8995.98	8981.9	761.85	2.82	9014.15	4.85	MWD
15746	91.11	0.72	6183.59	-9085.97	9071.87	763.38	0.73	9103.93	4.81	MWD
15836	91.4	0.72	6181.62	-9175.95	9161.84	764.51	0.31	9193.69	4.77	MWD
15925	91.35	0.56	6179.49	-9264.92	9250.81	765.49	0.19	9282.43	4.73	MWD
16014	91.26	0.45	6177.46	-9353.89	9339.79	766.28	0.16	9371.17	4.69	MWD
16104	91.24	0.54	6175.5	-9443.86	9429.76	767.06	0.1	9460.91	4.65	MWD
16194	91.23	0.74	6173.56	-9533.83	9519.74	768.06	0.23	9550.67	4.61	MWD
16283	90.06	0.61	6172.56	-9622.82	9608.72	769.11	1.32	9639.45	4.58	MWD
16373	90.05	1.05	6172.47	-9712.82	9698.71	770.42	0.49	9729.26	4.54	MWD
16462	90.09	0.87	6172.36	-9801.82	9787.7	771.91	0.21	9818.09	4.51	MWD
16552	90.18	0.6	6172.16	-9891.81	9877.69	773.06	0.32	9907.9	4.48	MWD
16641	89.98	1.03	6172.03	-9980.81	9966.68	774.32	0.53	9996.72	4.44	MWD
16731	90.22	0.95	6171.88	-10070.81	10056.67	775.87	0.28	10086.55	4.41	MWD
16812	90.1	1	6171.65	-10151.81	10137.66	777.25	0.16	10167.41	4.38	MWD
16853	90.1	1	6171.58	-10192.81	10178.65	777.96	0.01	10208.34	4.37	Manual

Company: Verdad Resources, LLC.

Well: Sonic Star 1101-01H

Field Name: Wildcat  
Country Name: United States  
State Name: Colorado  
County Name: Weld



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