

# XBOLT GAMMA RAY

## 5in/100ft Measured Depth

### Final Print

## Recorded Mode



Company:	Verdad Resources LLC.	API Number:	05-123-51848
Well:	Fawn 2833-04H	Rig Name:	PD 464
Field Name:	Wattenberg	Rig Type:	Land rig
Country Name:	United States	Log Interval:	2325.00--18271.13(ft)
State Name:	Colorado	Depth Source:	Driller's Depth
County Name:	Weld	Log Measured From:	Drill Floor
Latitude:	40°01'49.170"N	Rig Floor above Ground Level:	21.00(ft)
Longitude:	104°39'05.131"W	Ground Level above Mean Sea Level:	5104.00 (ft)
Spud Date:	12-Feb-2023	Job Number:	0.1038718.20
Print Type:	Final Print	Northings:	1255030.46(ft)
Eastings:	3237621.91(ft)	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 SLB 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	12-Feb-2023 12:46:35	DateTime Log Finished	13-Feb-2023 16:07:08
Start Depth (ft)	2371	Stop Depth (ft)	7710
Mud Type	Oil Based Mud	Mud Density (lbm/gal)	9.5
Potassium (%)	0	Barite	Yes
GR Sensor Offset (ft)	42.69	Calibration Coefficient	0
DNI Sensor Offset (ft)	46.33		

#### Run 2 (Bit Size: 8.5 in)

DateTime Log Started	13-Feb-2023 19:14:20	DateTime Log Finished	16-Feb-2023 12:57:28
Start Depth (ft)	7710	Stop Depth (ft)	18271
Mud Type	Oil Based Mud	Mud Density (lbm/gal)	9.5
Potassium (%)	0	Barite	Yes
GR Sensor Offset (ft)	24.82	Calibration Coefficient	0

# Log

Description: XBOLT GAMMA RAY

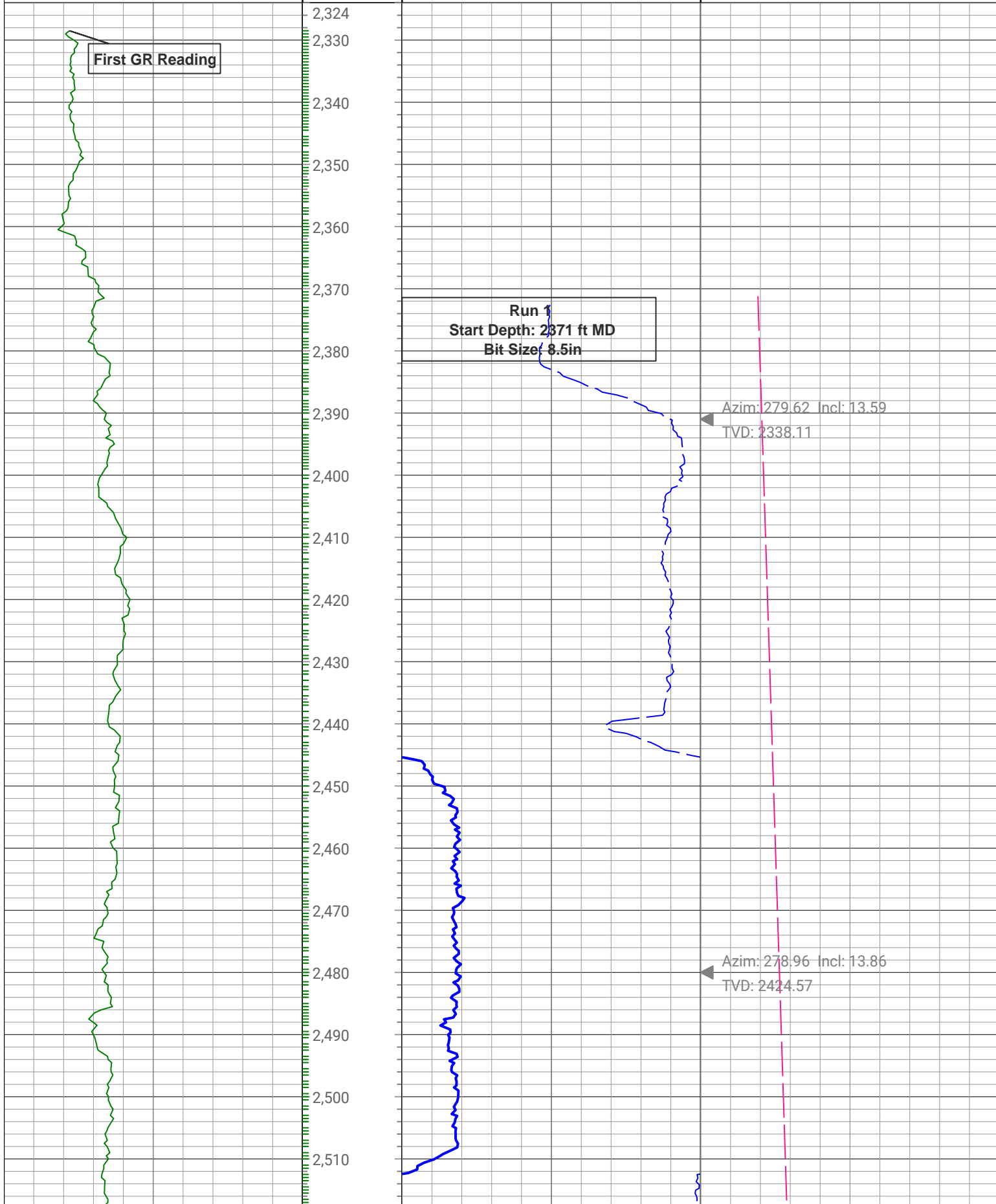
Format: XBOLT\_GR\_DNI\_VERDAD Index Scale: 5in/100ft

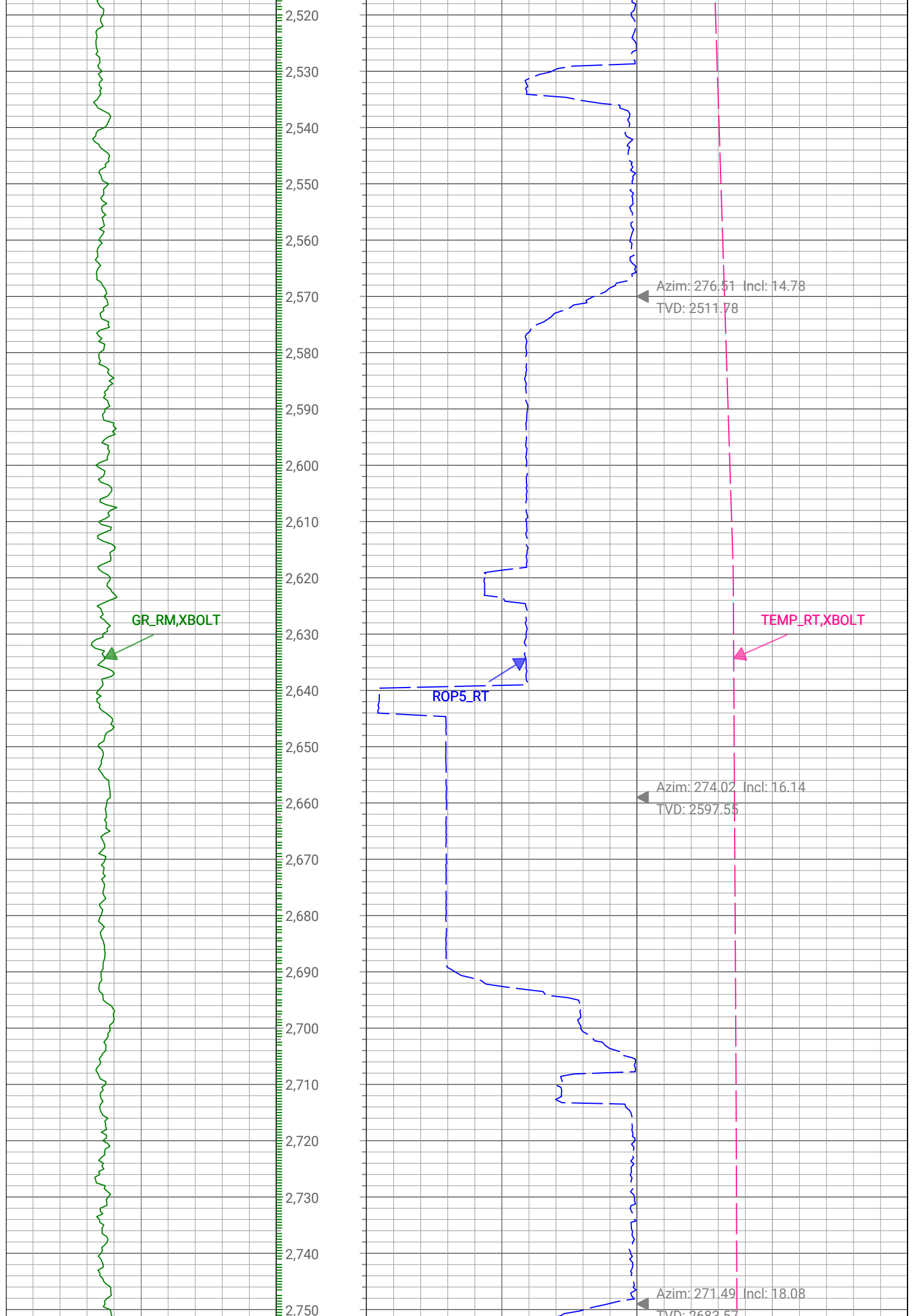
Index Unit: ft

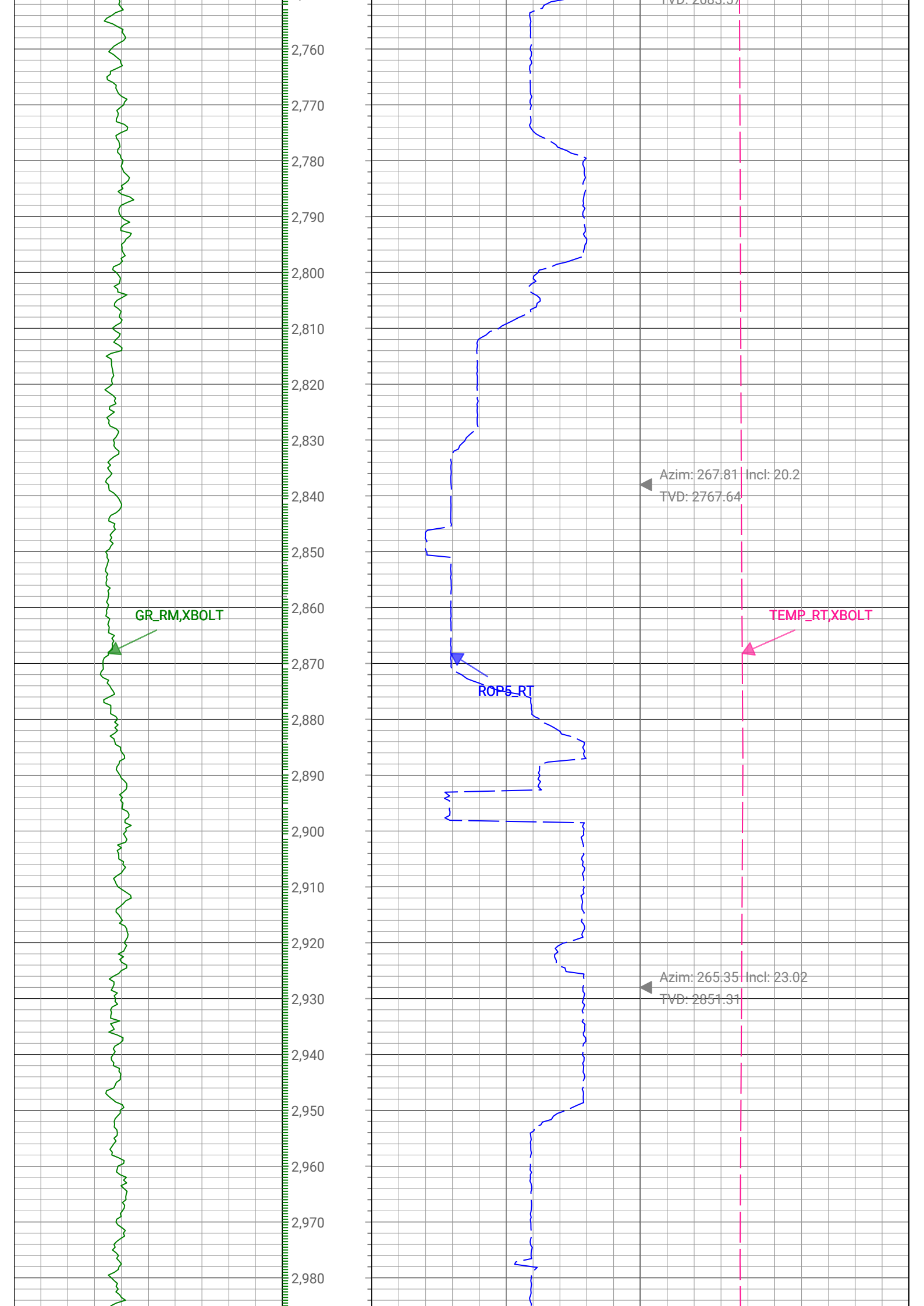
Index Type: Measured Depth

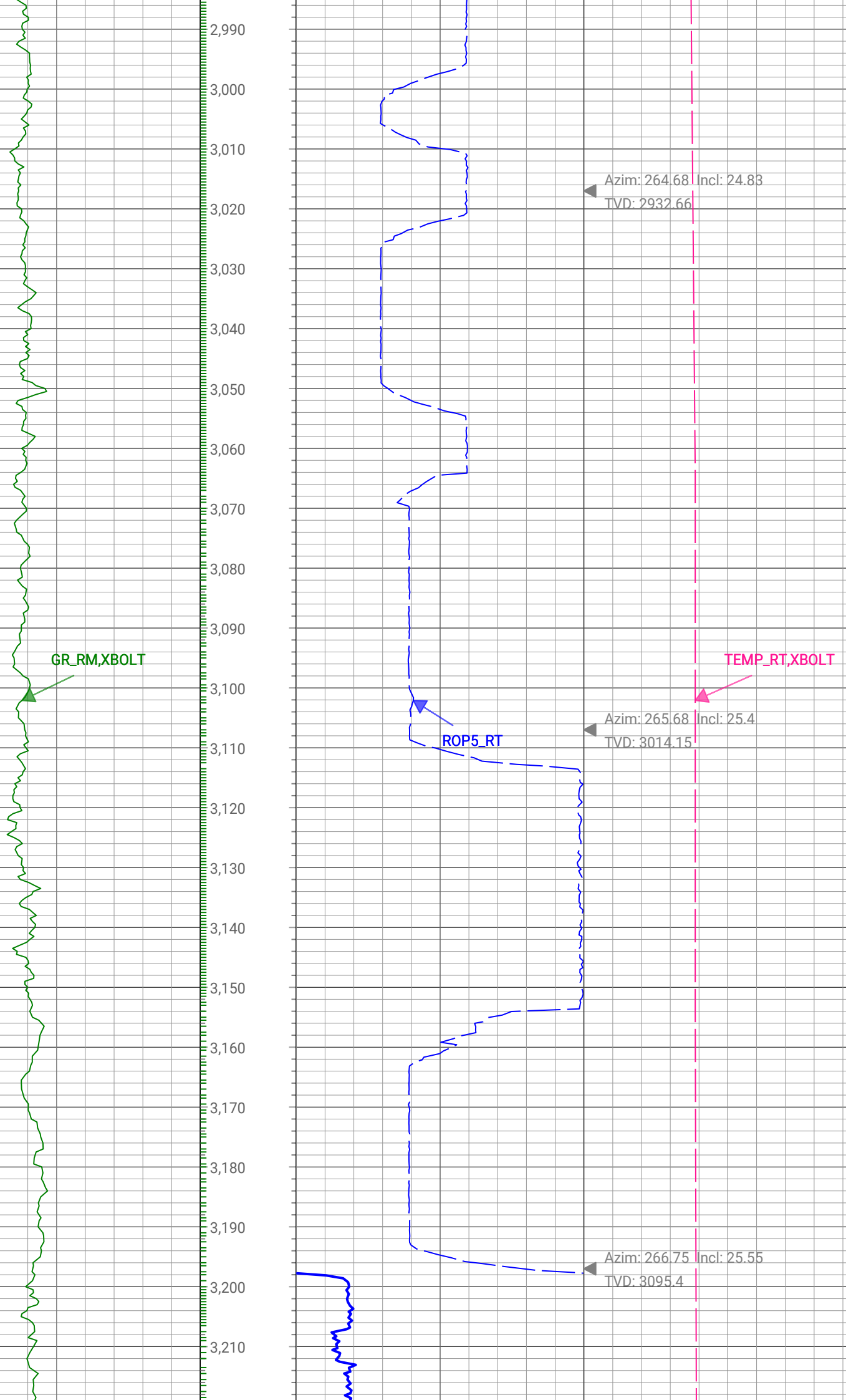
Creation Date: 22-Feb-2023

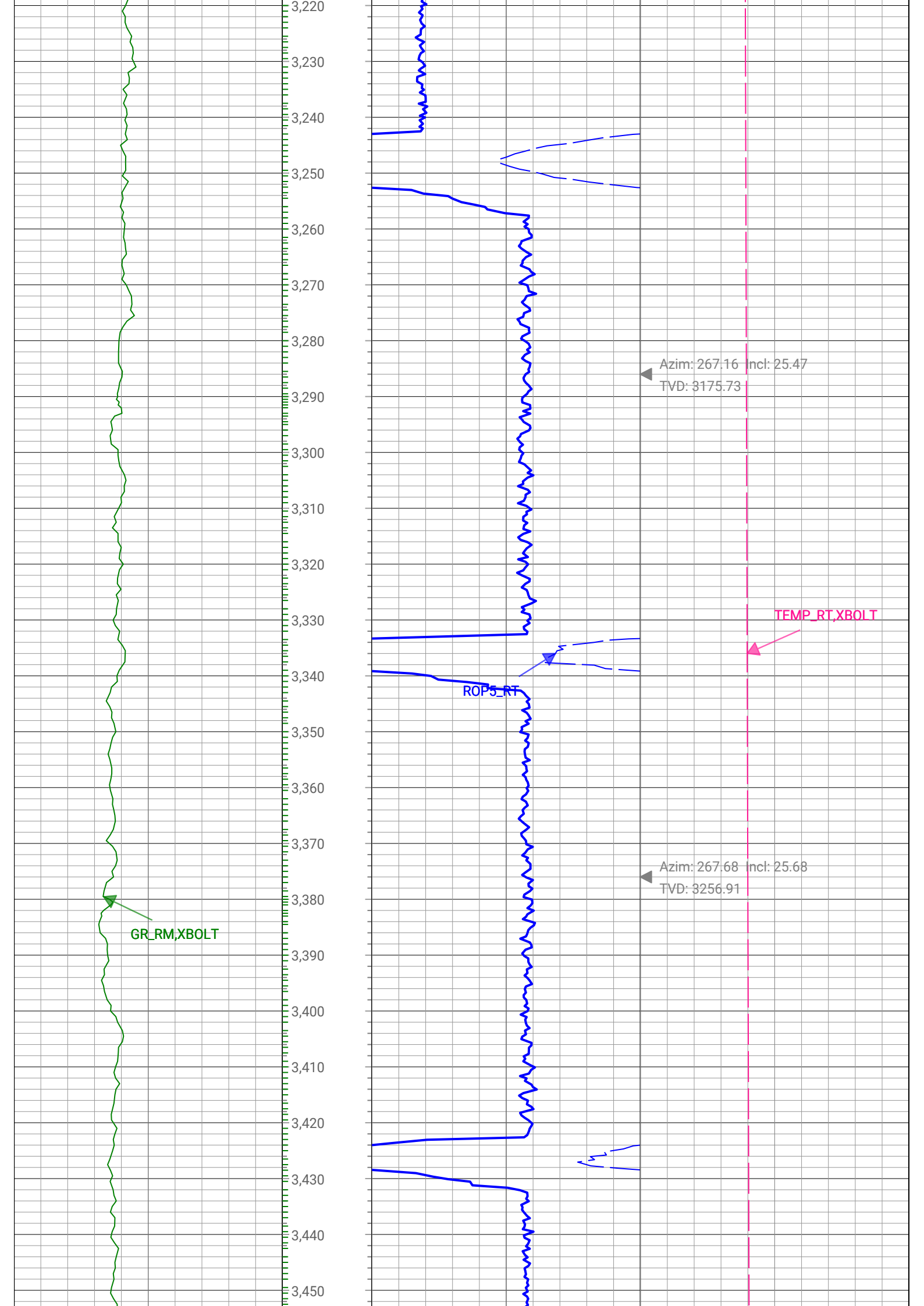
GR_RM,XBOLT			Depth 1 : 20 in : ft	ROP5_RT		TEMP_RT,XBOLT	
0	gAPI, Splice	300		0	ft/h, Borehole 500	0	degF, Borehole 300

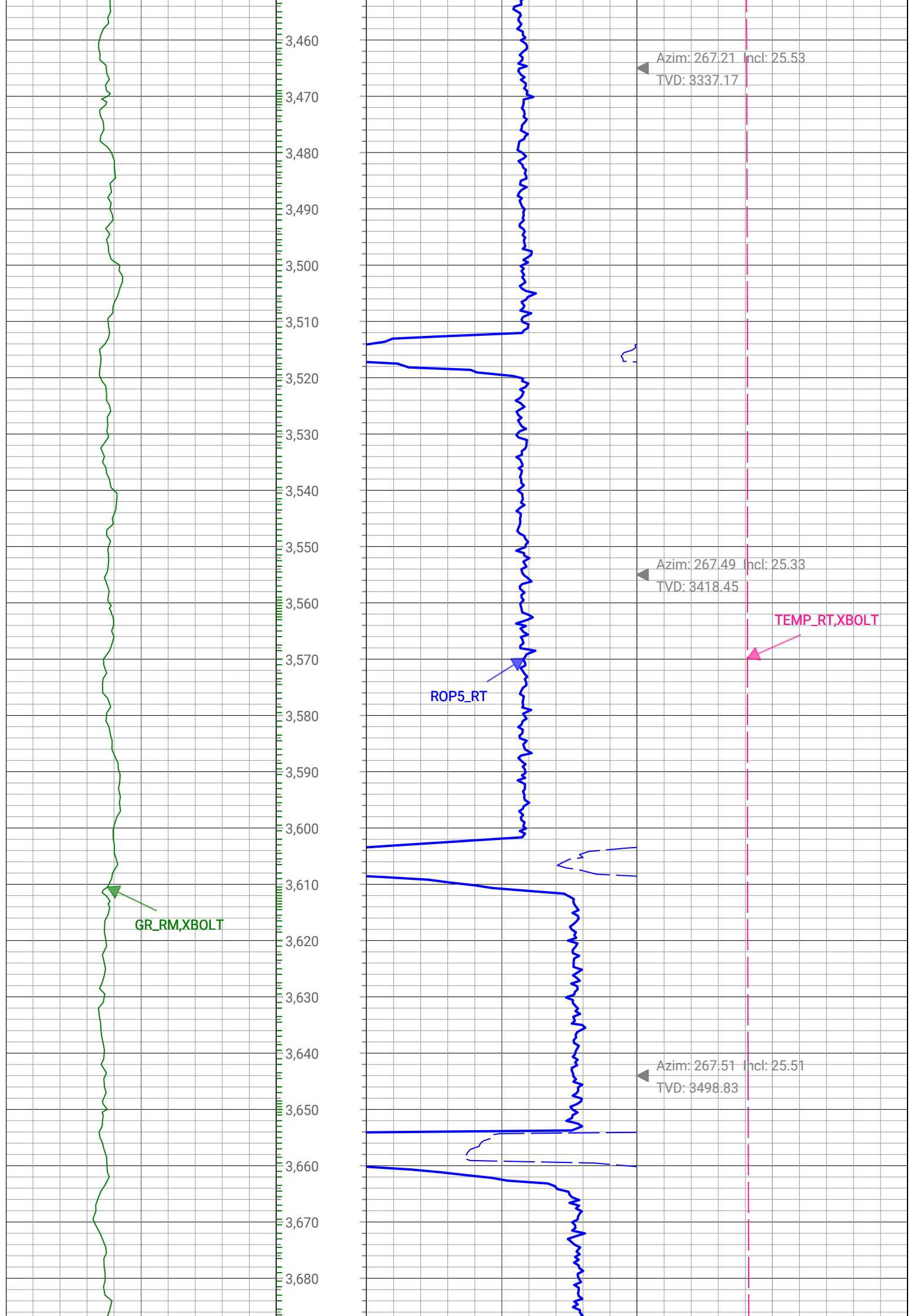












Azim: 267.21 Incl: 25.53  
TVD: 3337.17

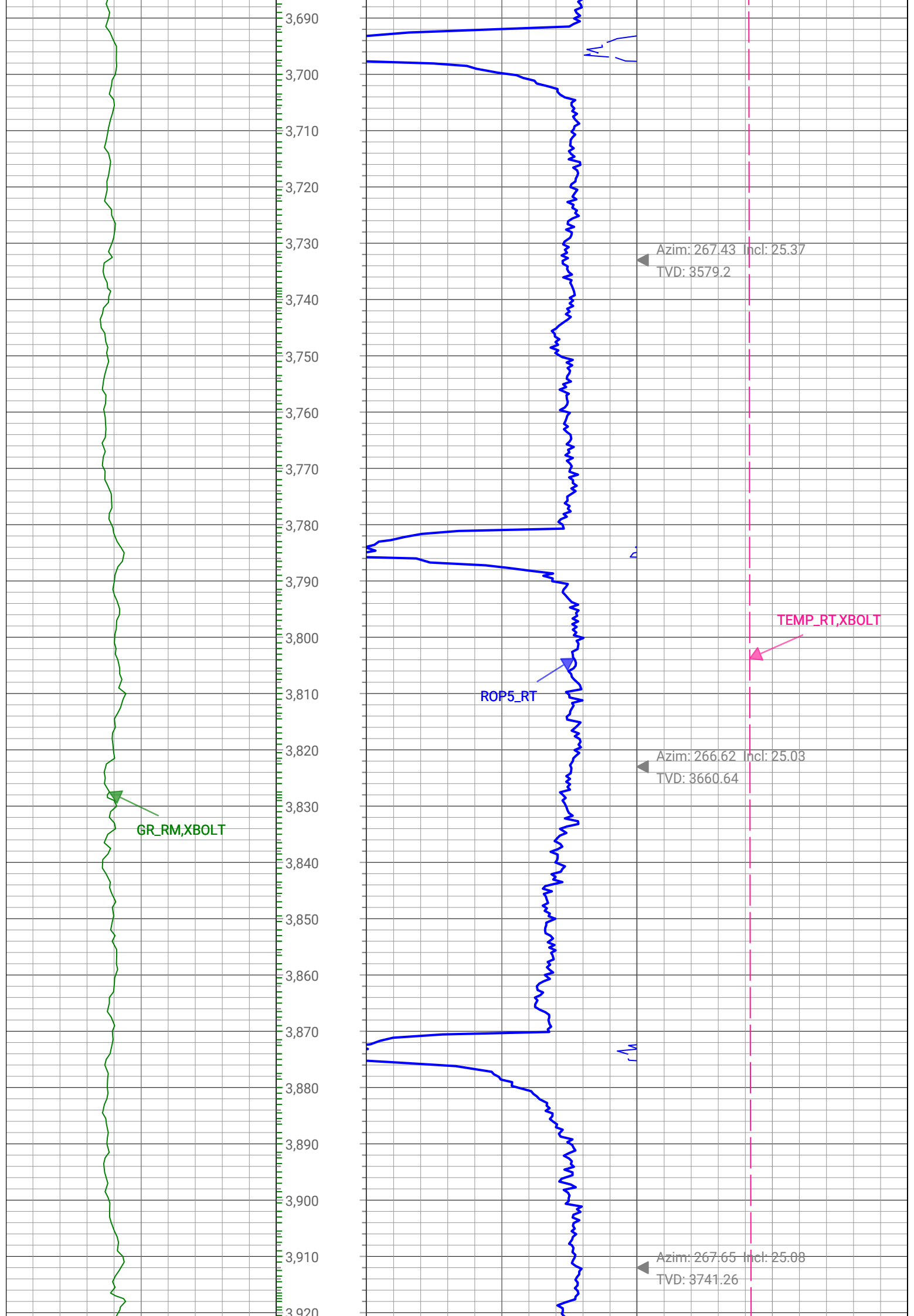
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TVD: 3418.45

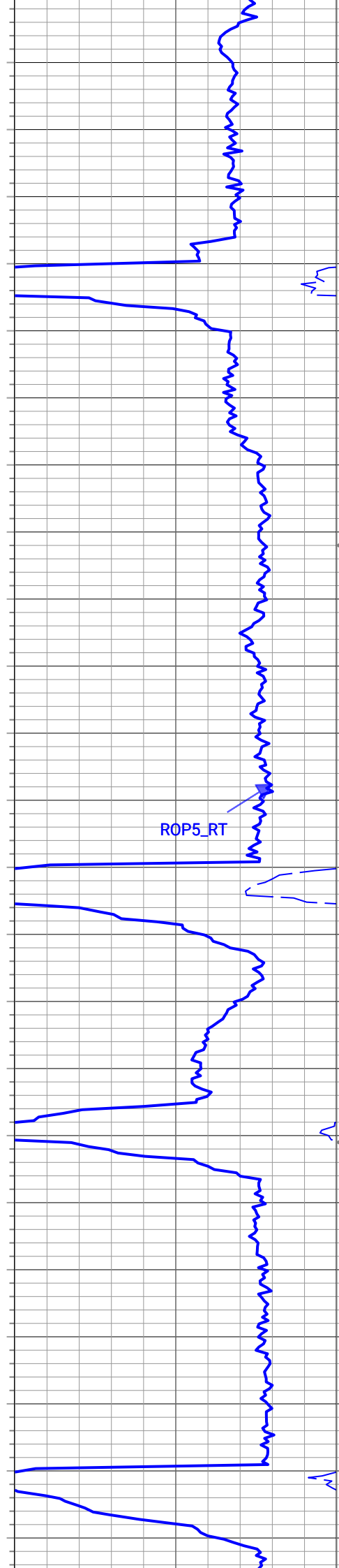
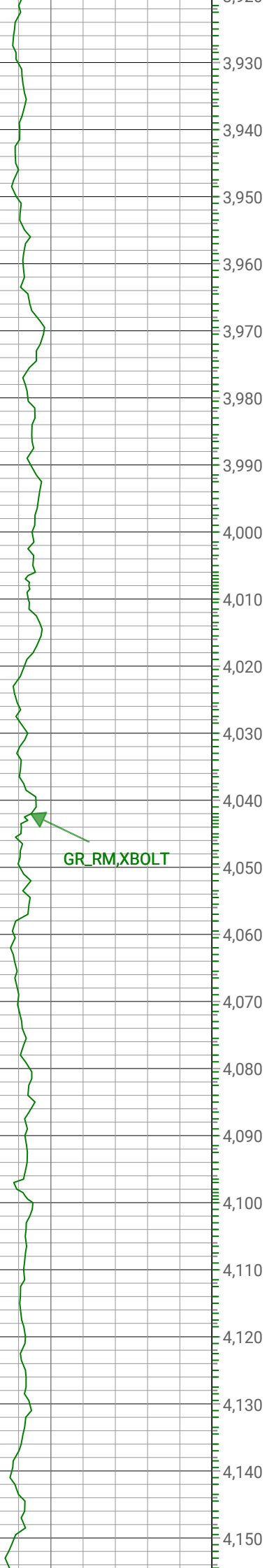
TEMP\_RT, XBOLT

ROP5\_RT

GR\_RM, XBOLT

Azim: 267.51 Incl: 25.51  
TVD: 3498.83

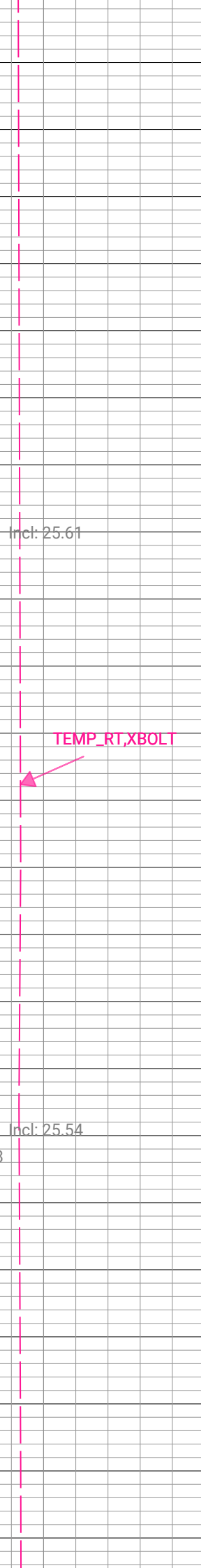


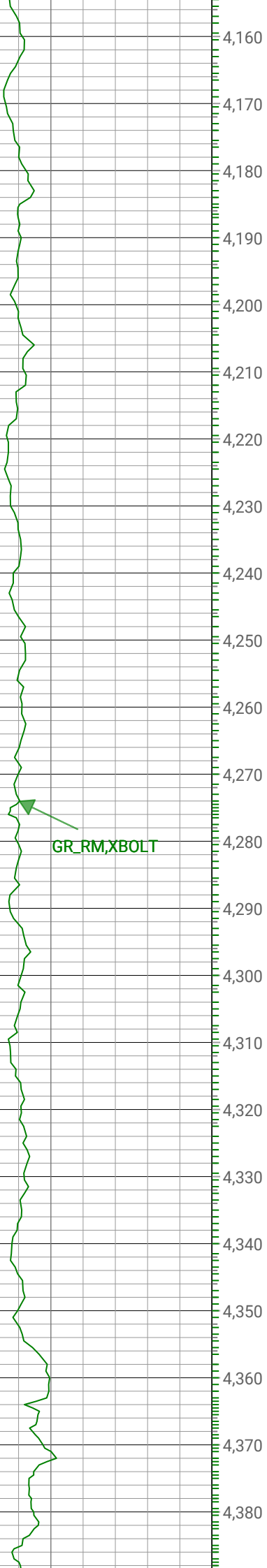


Azim: 267.21 Incl: 25.61  
TVD: 3822.6

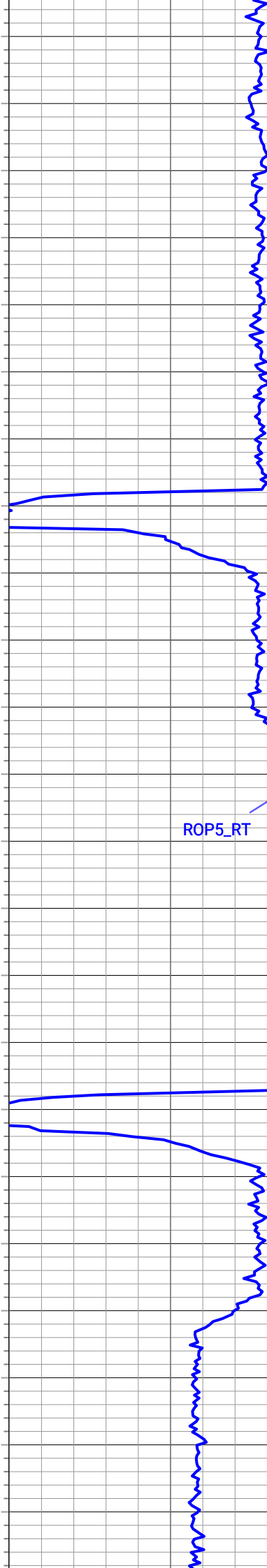
TEMP\_RT, XBOLT

Azim: 267.69 Incl: 25.54  
TVD: 3902.88





GR\_RM, XBOLT



ROP5\_RT

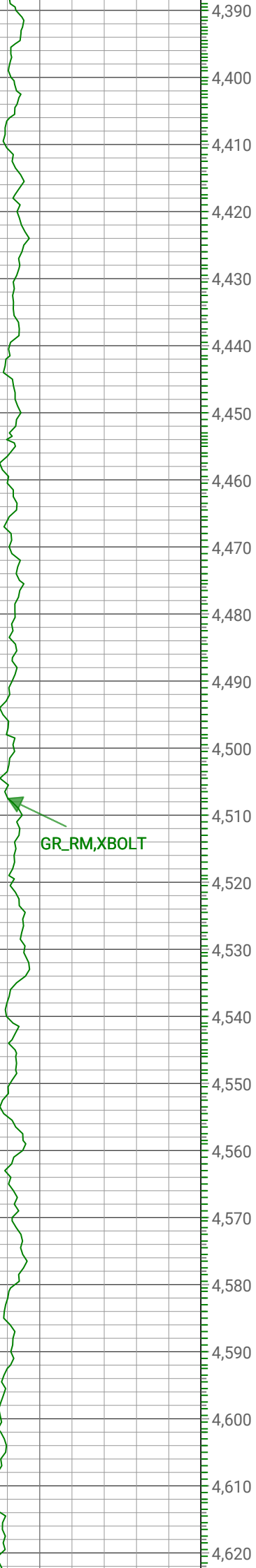
Azim: 267.89 Incl: 25.4  
TVD: 3984.13

Azim: 268.8 Incl: 23.98  
TVD: 4065

Azim: 266.89 Incl: 23.84  
TVD: 4147.27

TEMP\_RT, XBOLT

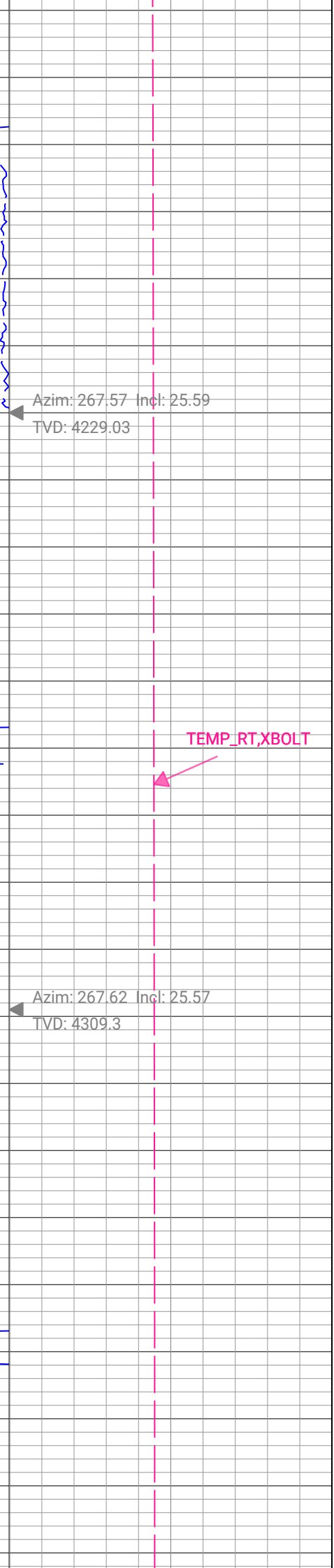
TEMP\_RT, XBOLT



GR\_RM, XBOLT



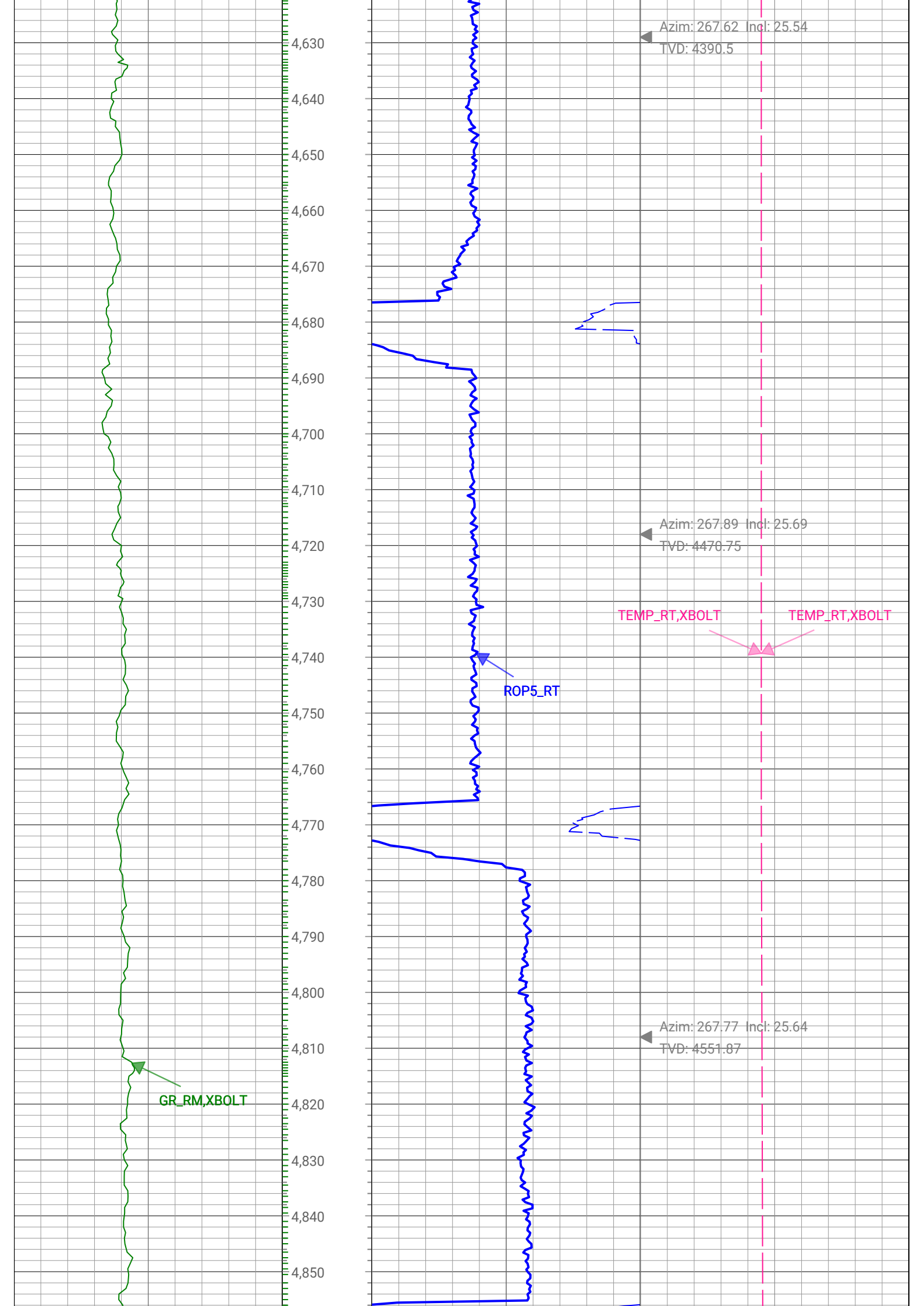
ROP5\_RT



TEMP\_RT, XBOLT

Azim: 267.57 Incl: 25.59  
TVD: 4229.03

Azim: 267.62 Incl: 25.57  
TVD: 4309.3



Azim: 267.62 Incl: 25.54  
TVD: 4390.5

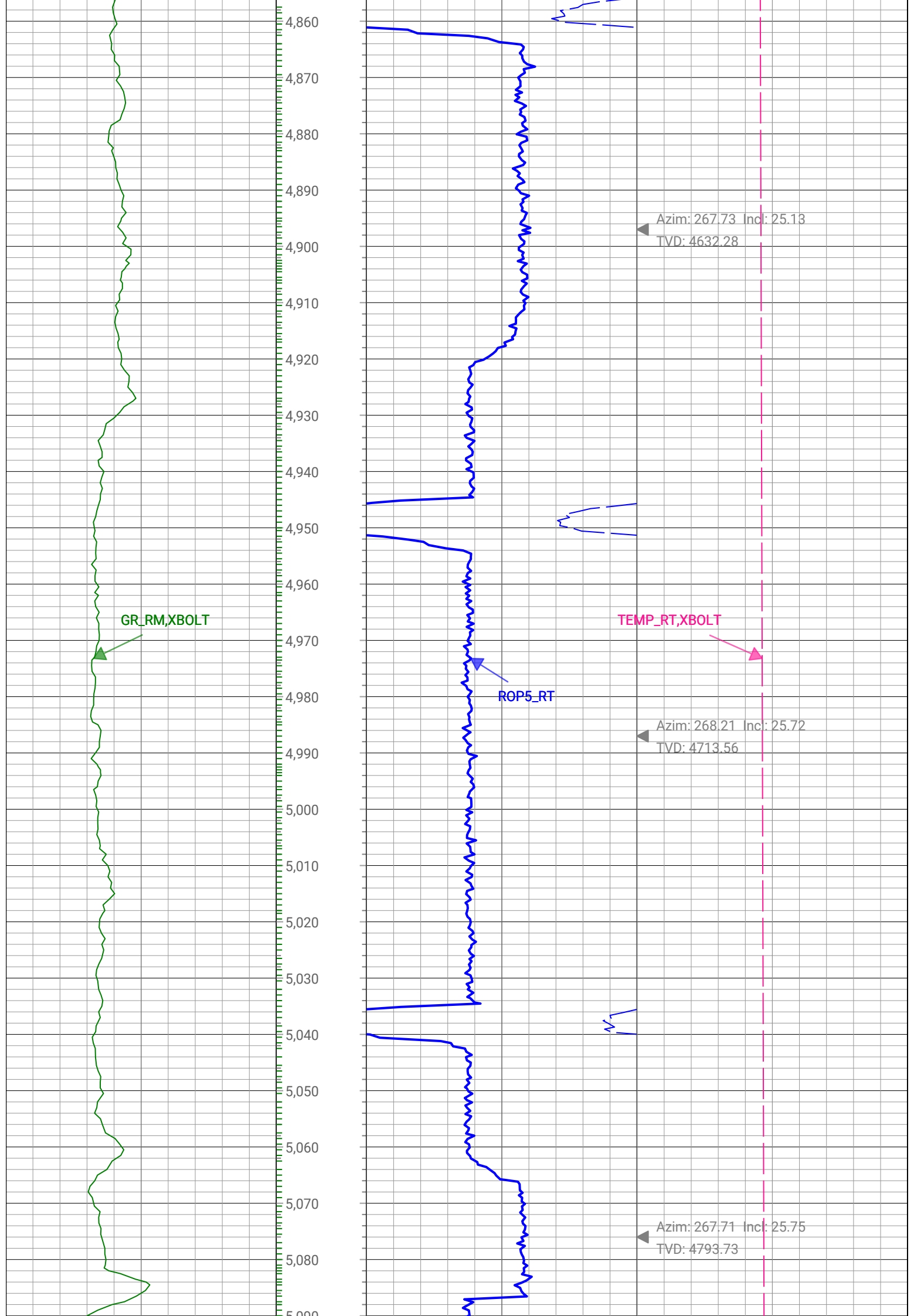
Azim: 267.89 Incl: 25.69  
TVD: 4470.75

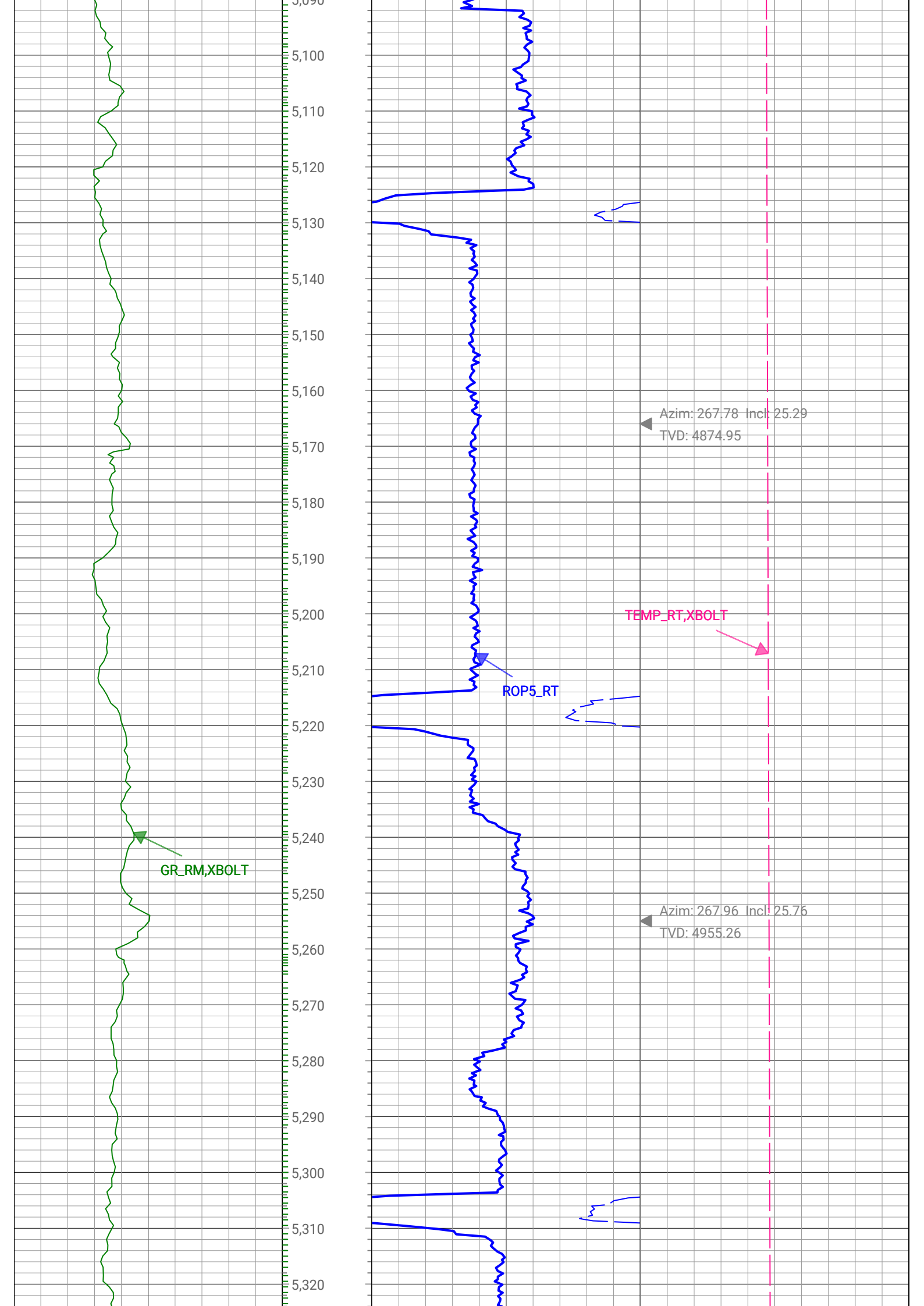
TEMP\_RT, XBOLT

ROP5\_RT

GR\_RM, XBOLT

Azim: 267.77 Incl: 25.64  
TVD: 4551.87





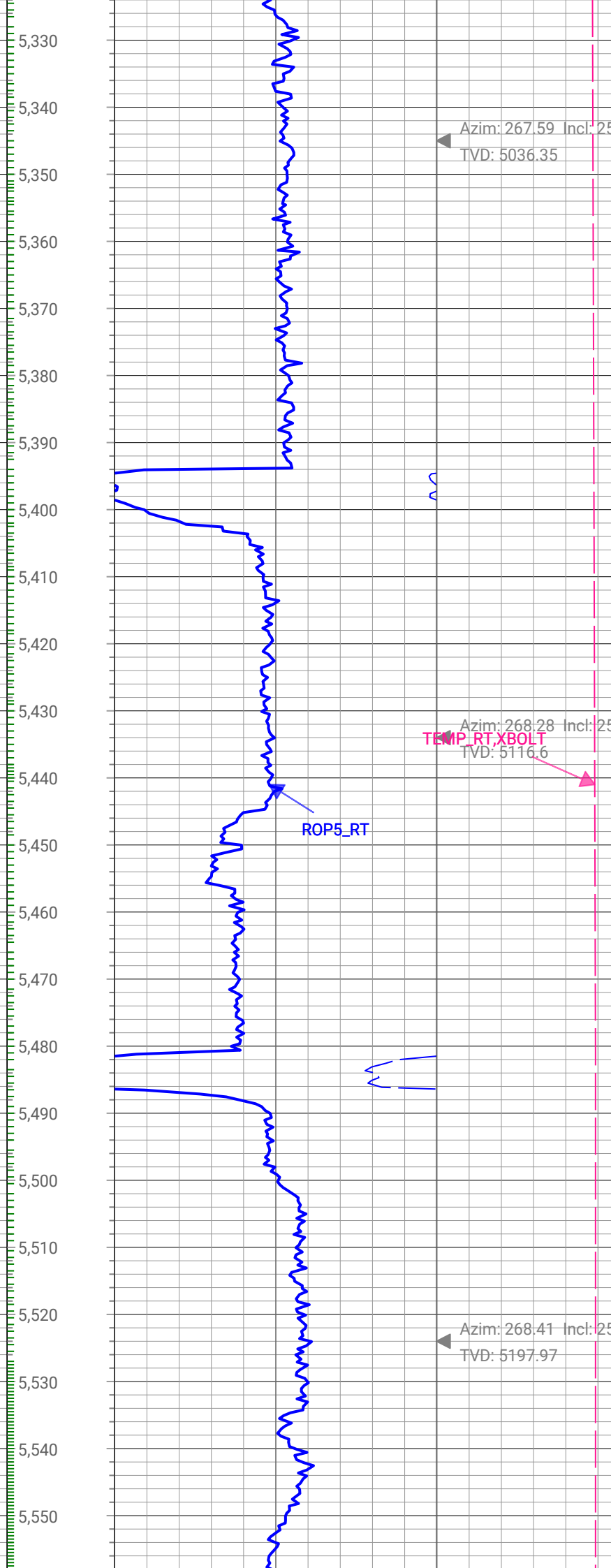
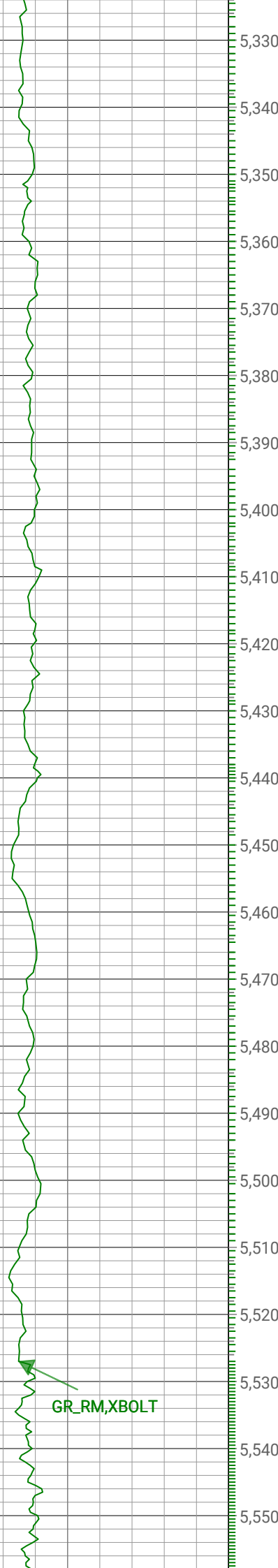
GR\_RM, XBOLT

ROP5\_RT

TEMP\_RT, XBOLT

Azim: 267.78 Incl: 25.29  
TVD: 4874.95

Azim: 267.96 Incl: 25.76  
TVD: 4955.26



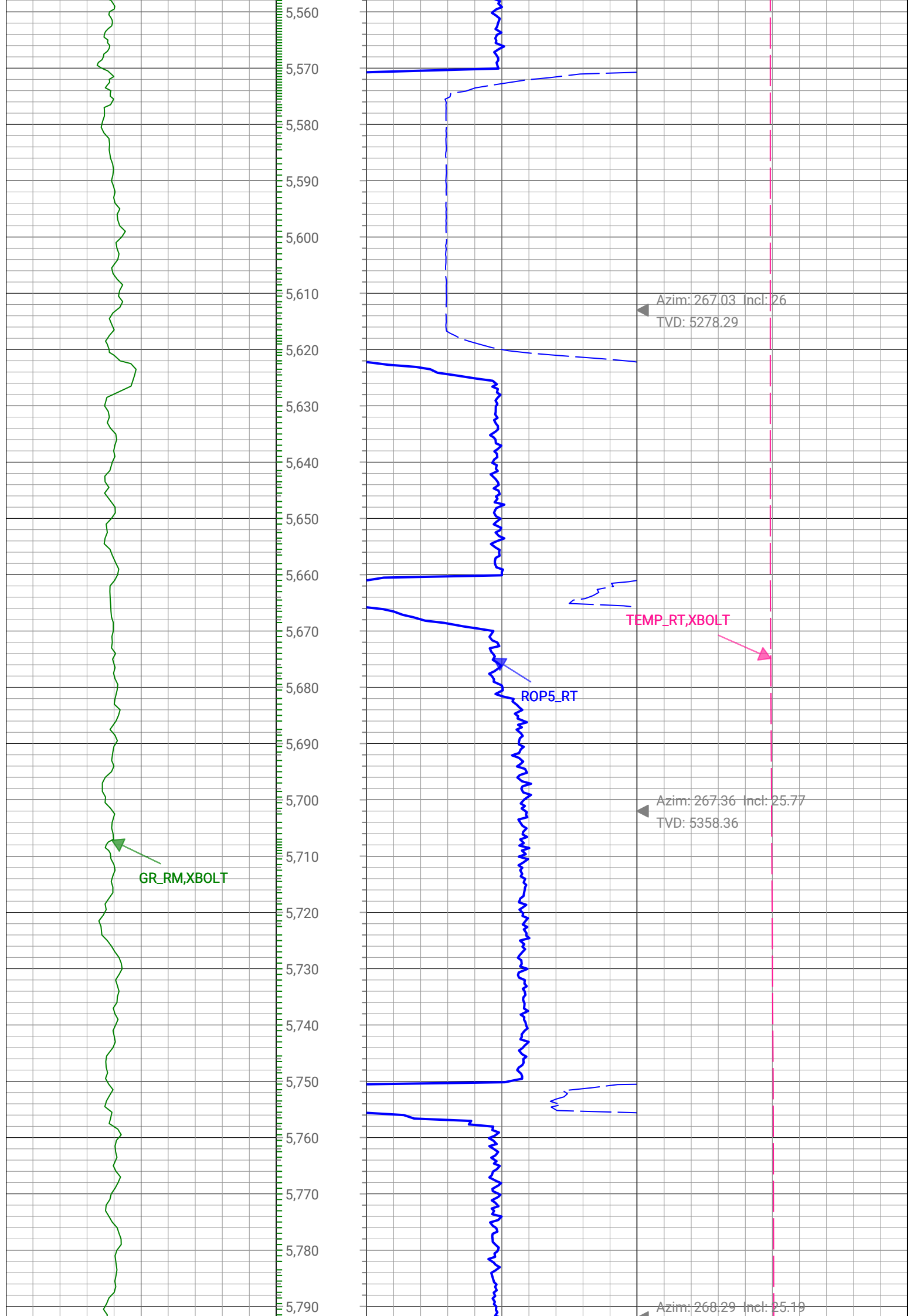
Azim: 267.59 Incl: 25.67  
TVD: 5036.35

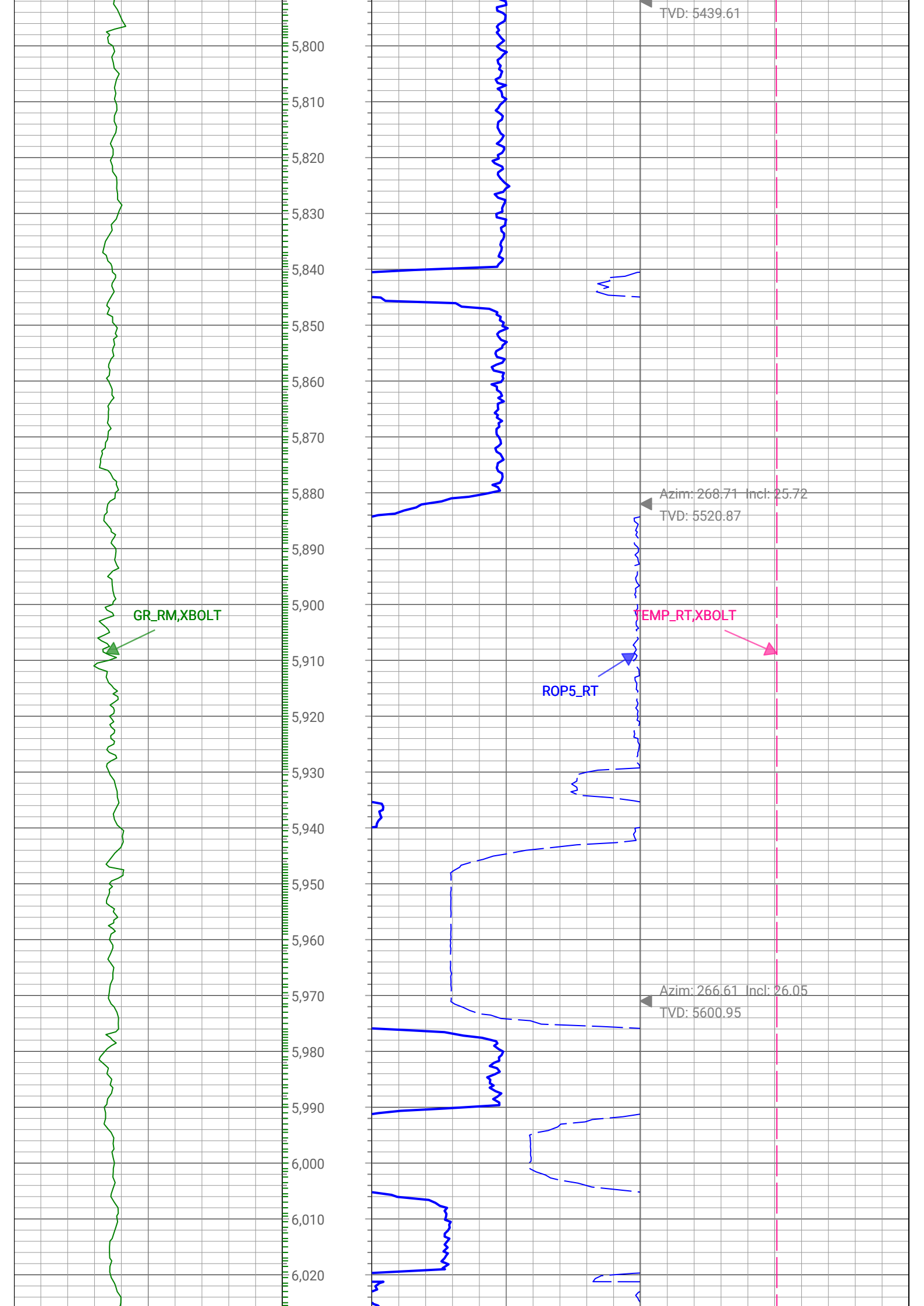
Azim: 268.28 Incl: 25.55  
TVD: 5116.6

GR\_RM,XBOLT

ROP5\_RT

Azim: 268.41 Incl: 25.05  
TVD: 5197.97





TVD: 5439.61

5,800

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5,900

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5,960

5,970

5,980

5,990

6,000

6,010

6,020

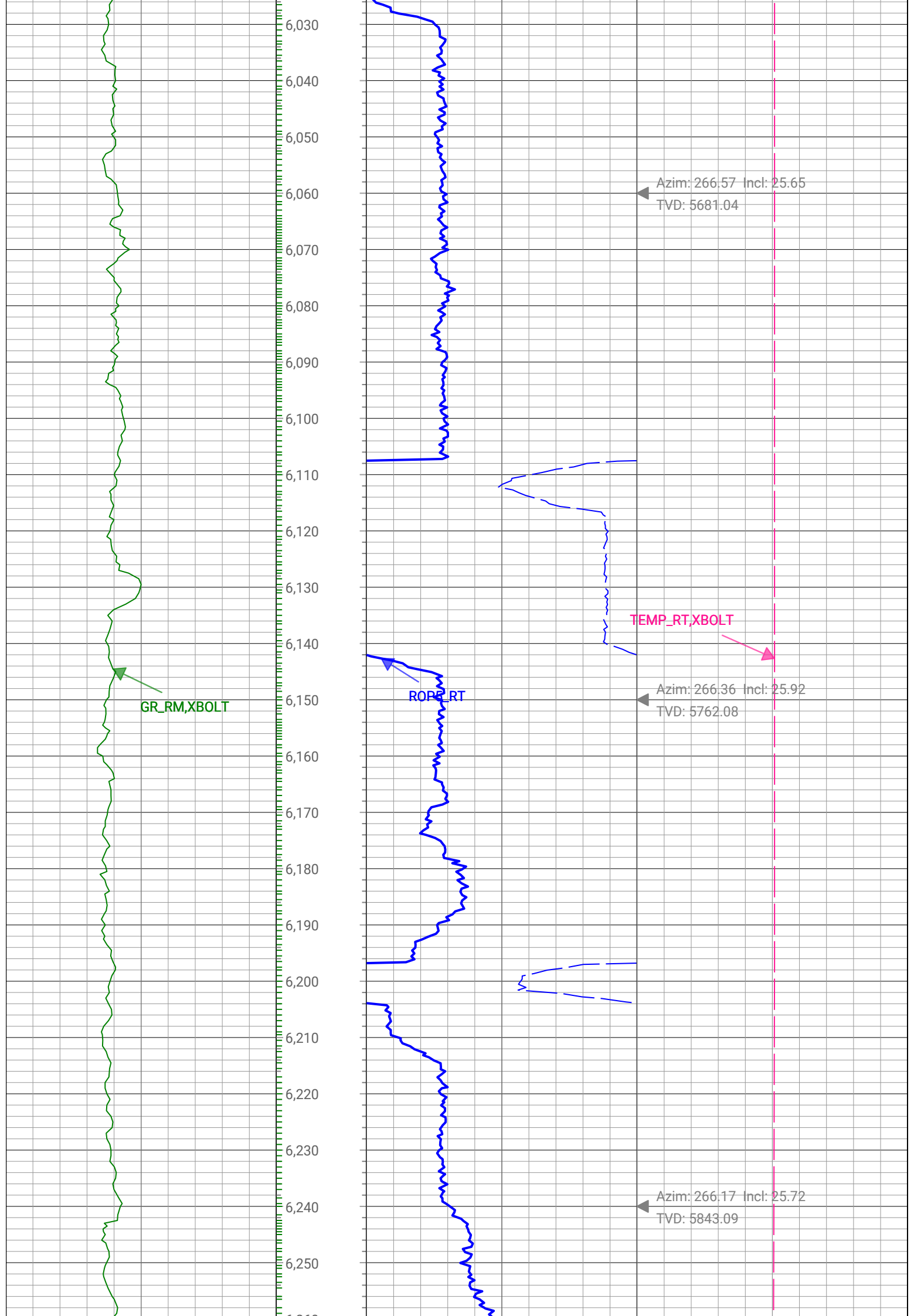
GR\_RM, XBOLT

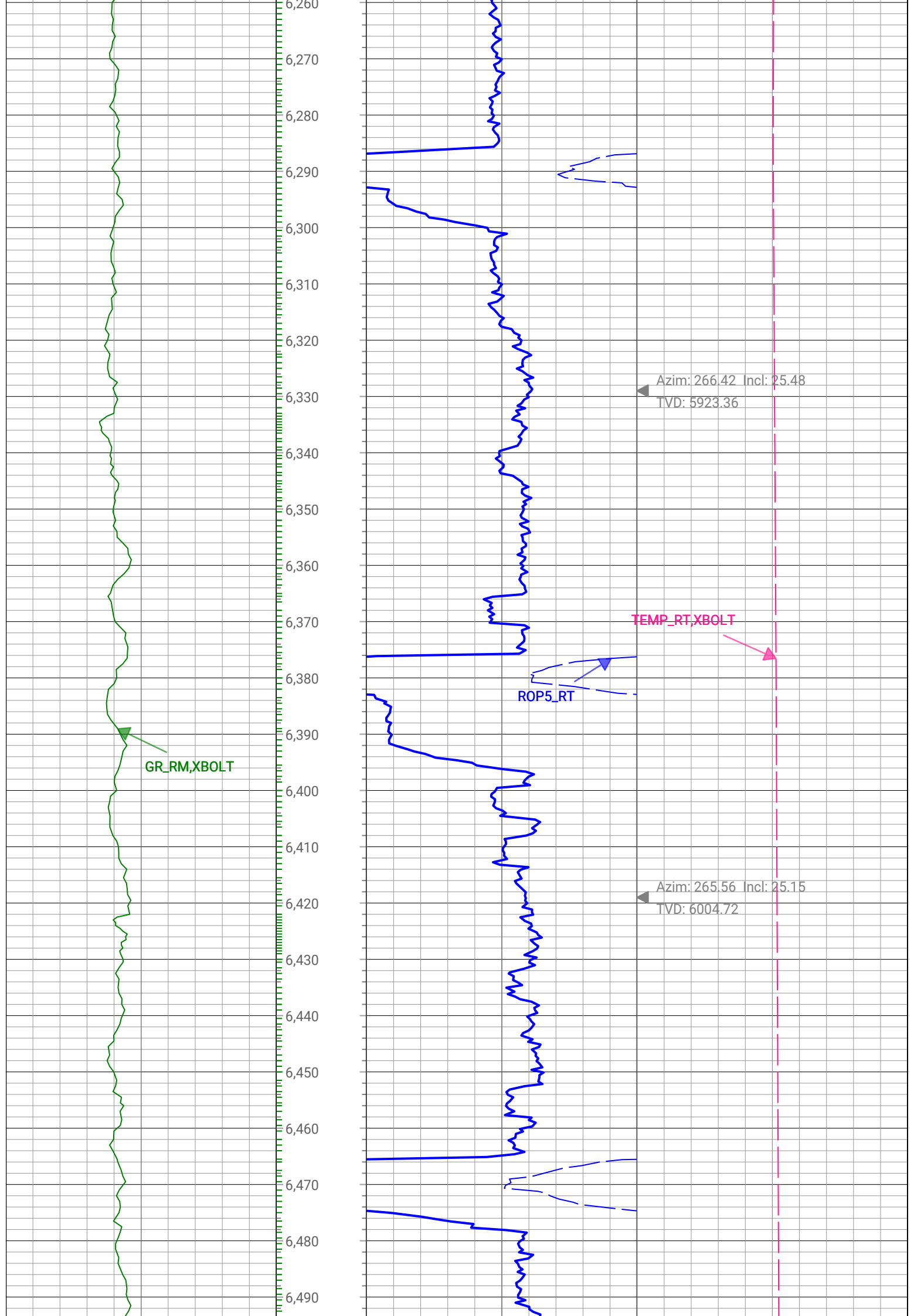
ROP5\_RT

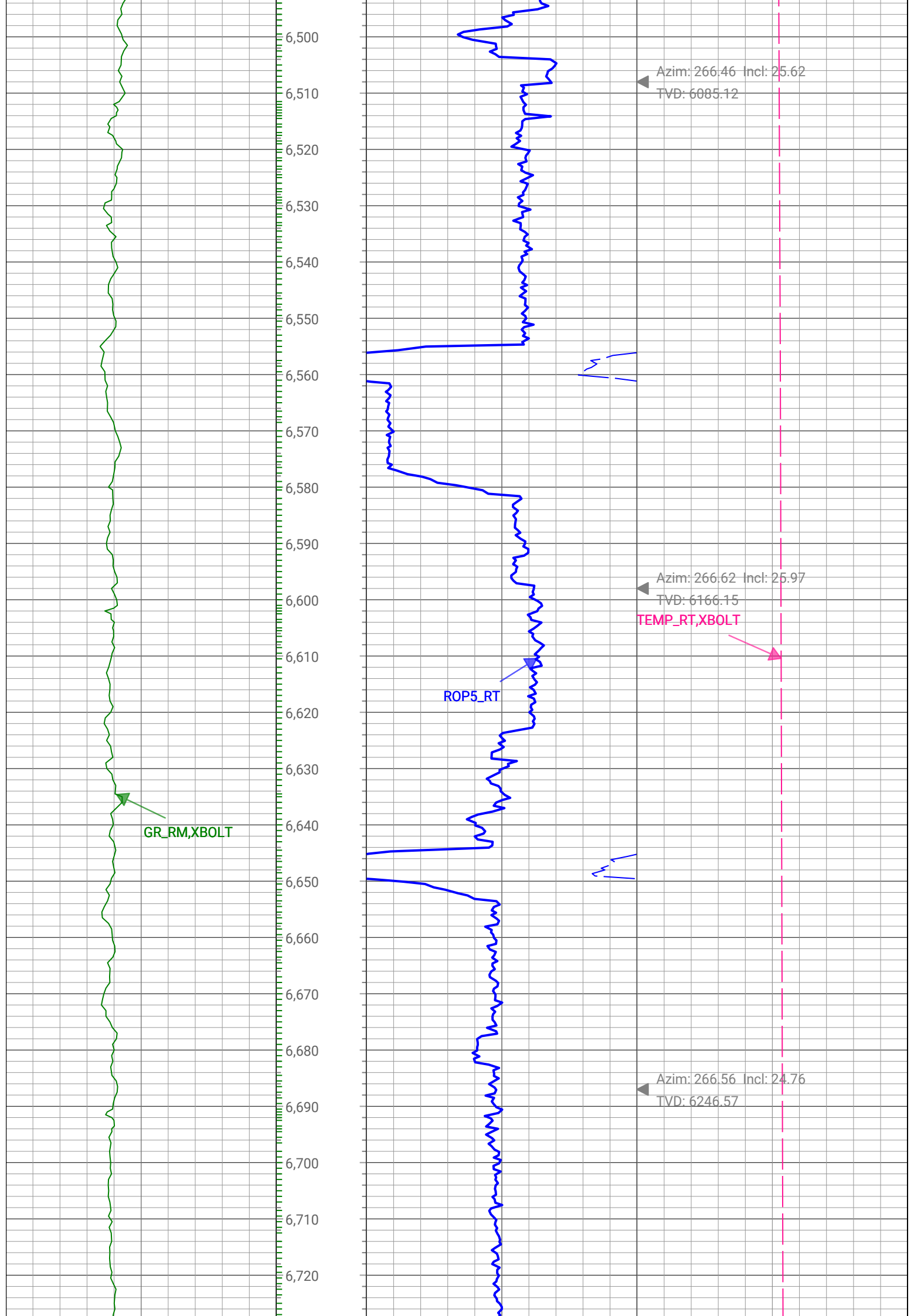
EMP\_RT, XBOLT

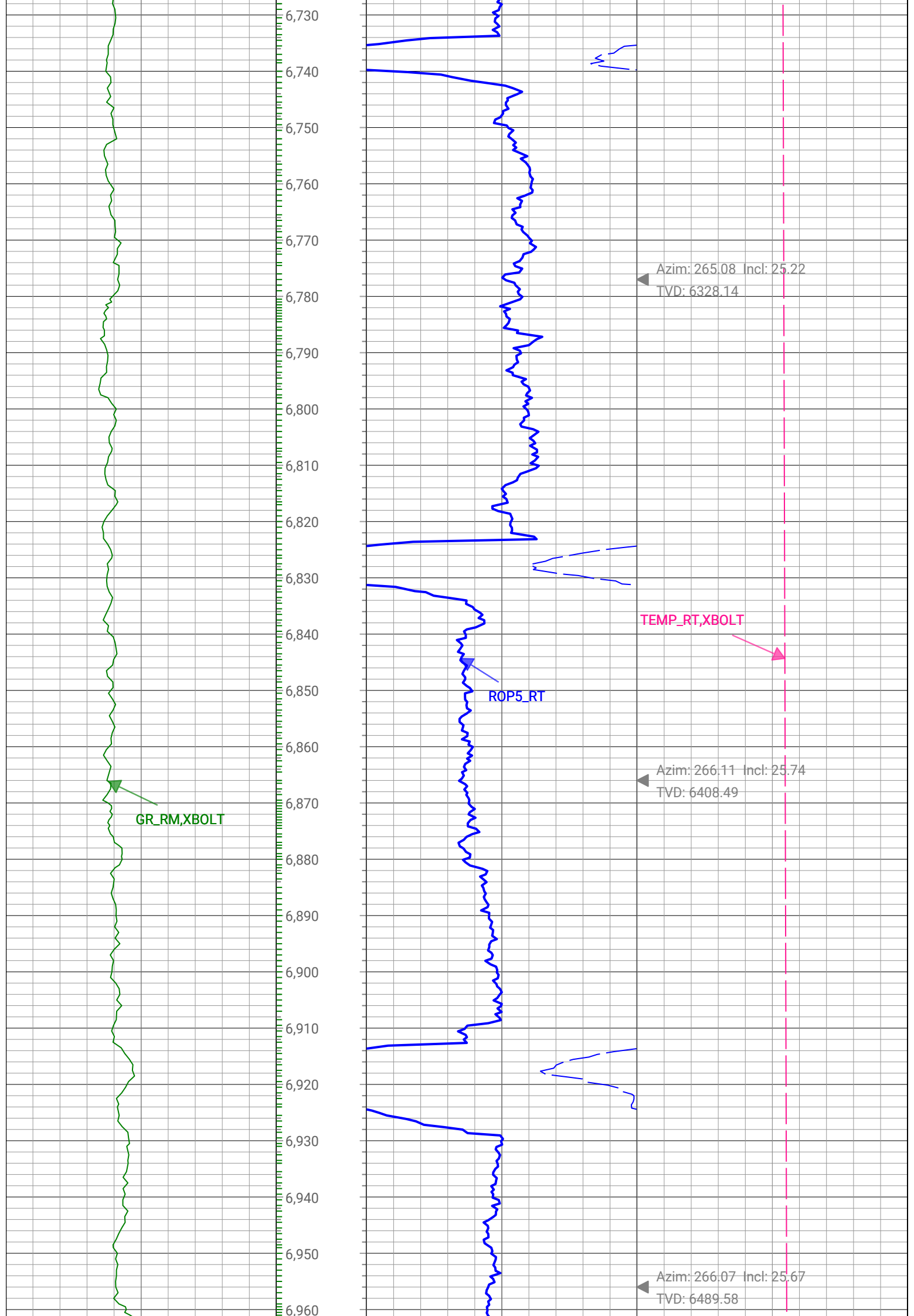
Azim: 268.71 Incl: 25.72  
TVD: 5520.87

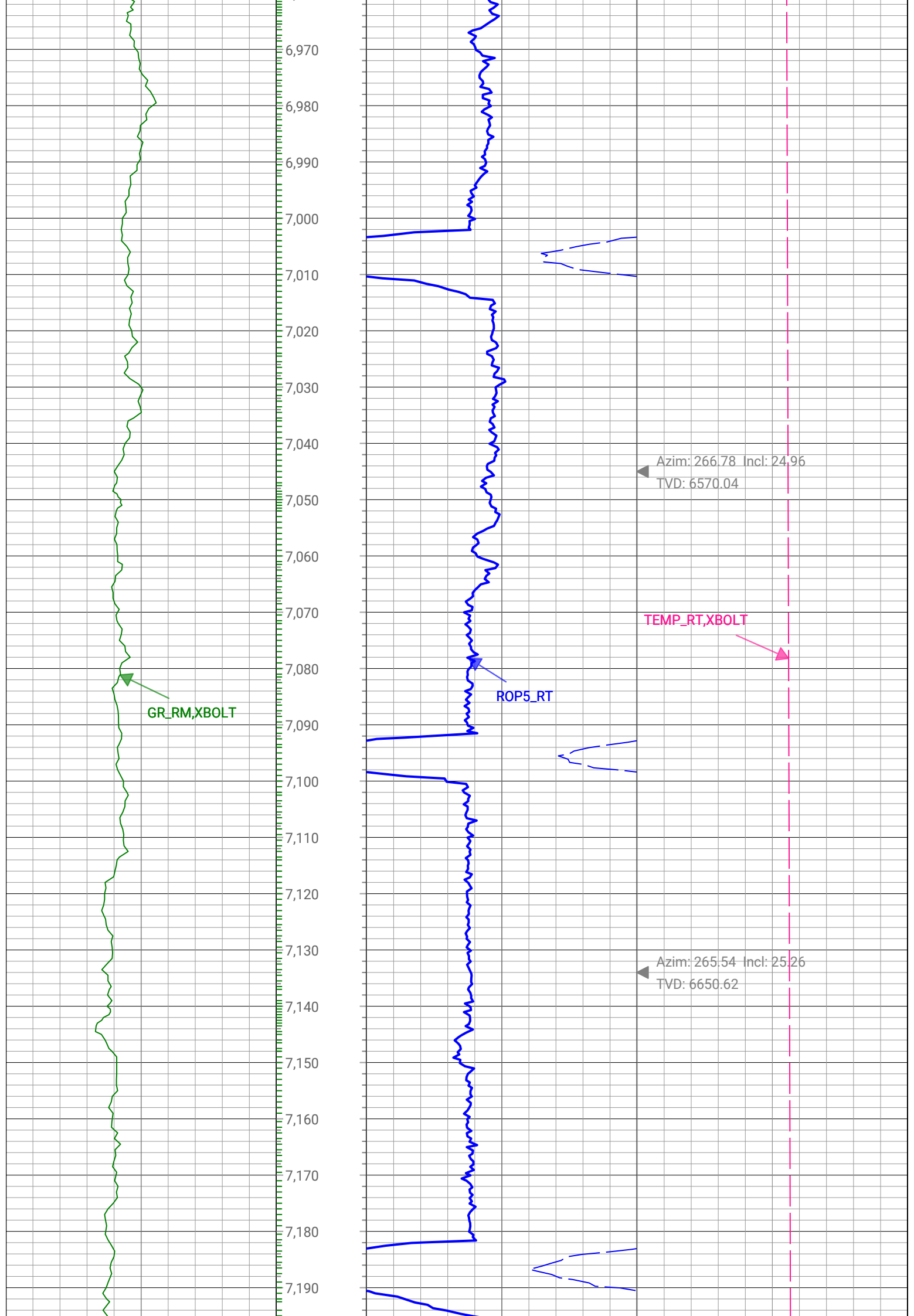
Azim: 266.61 Incl: 26.05  
TVD: 5600.95

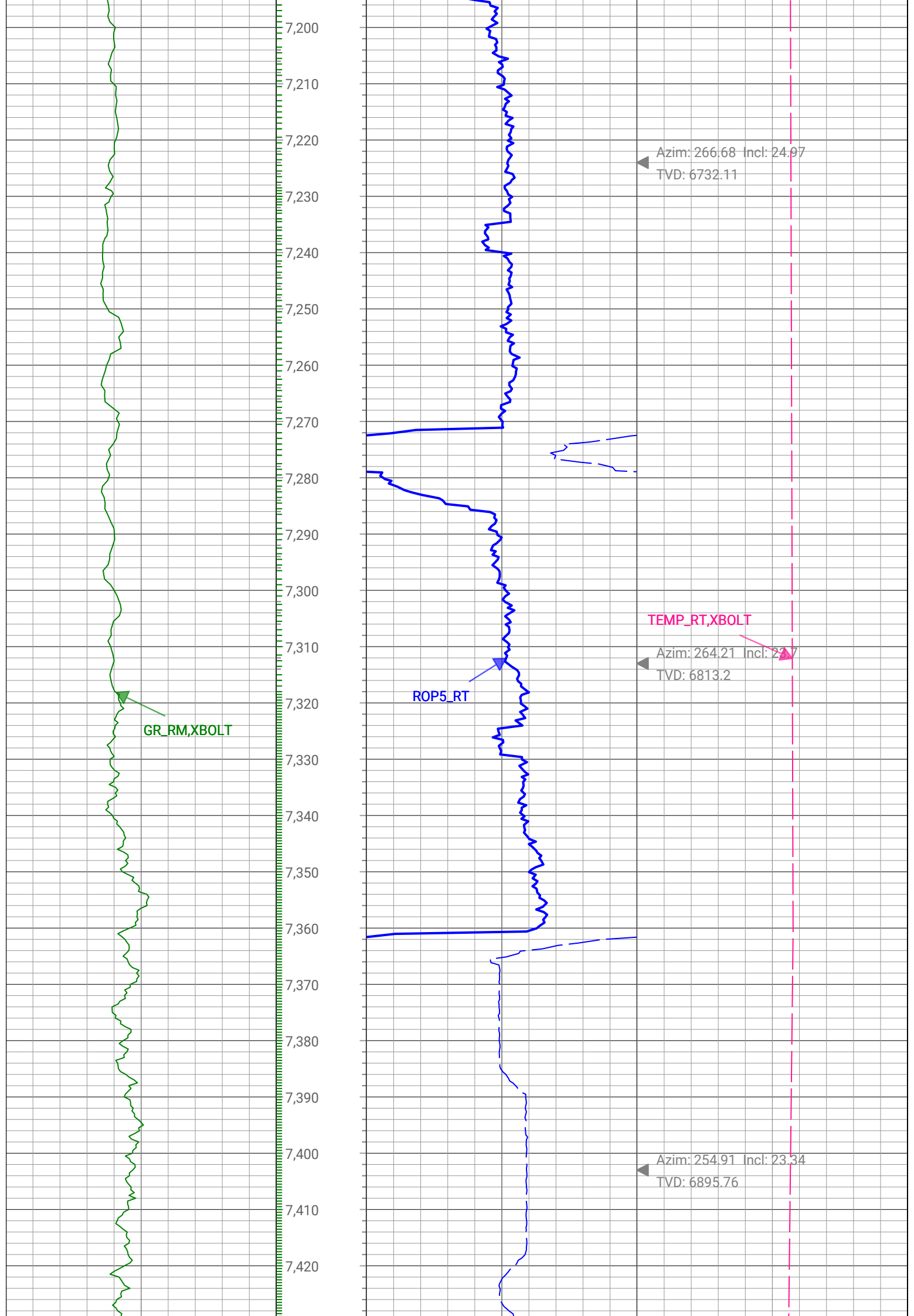


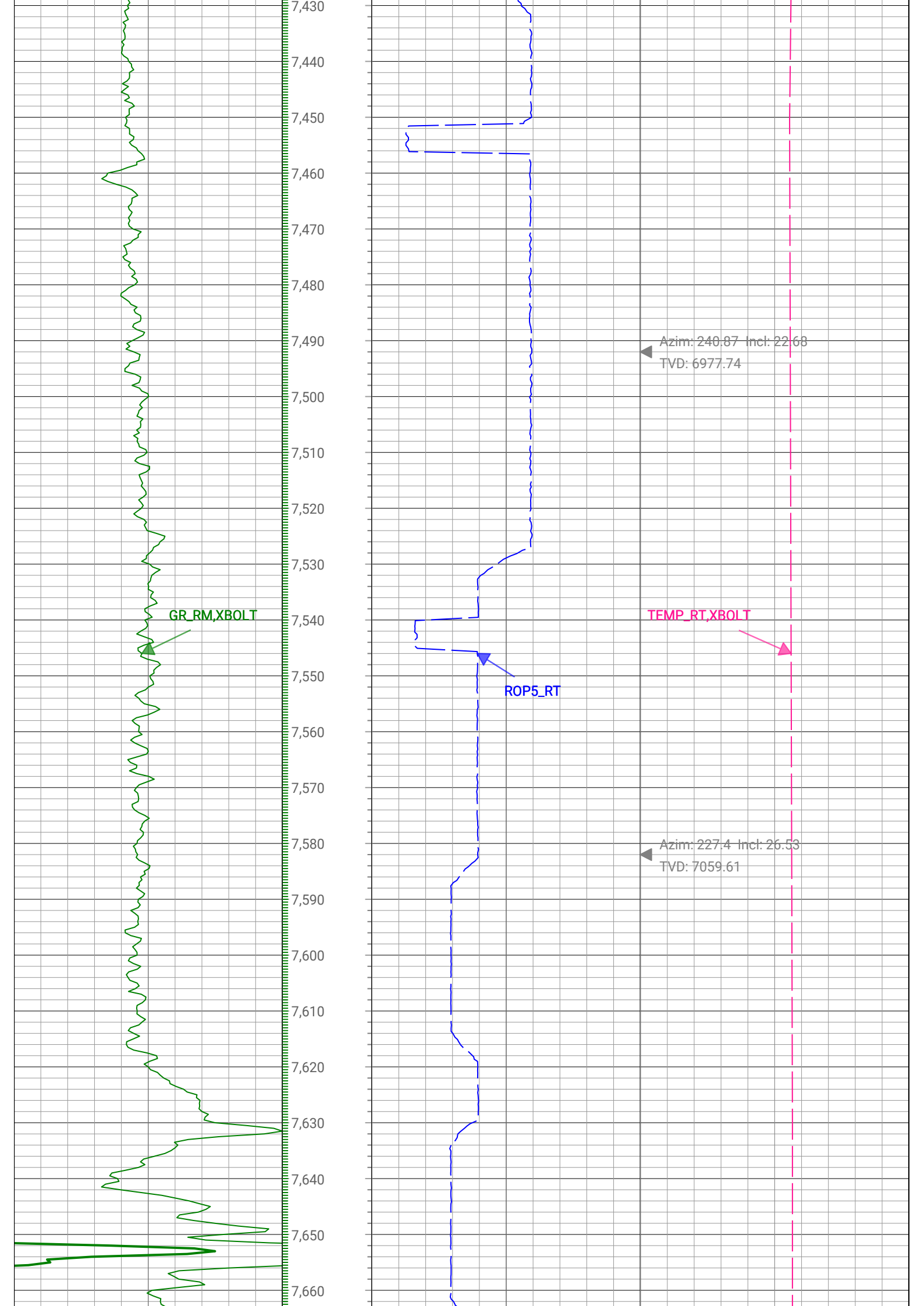


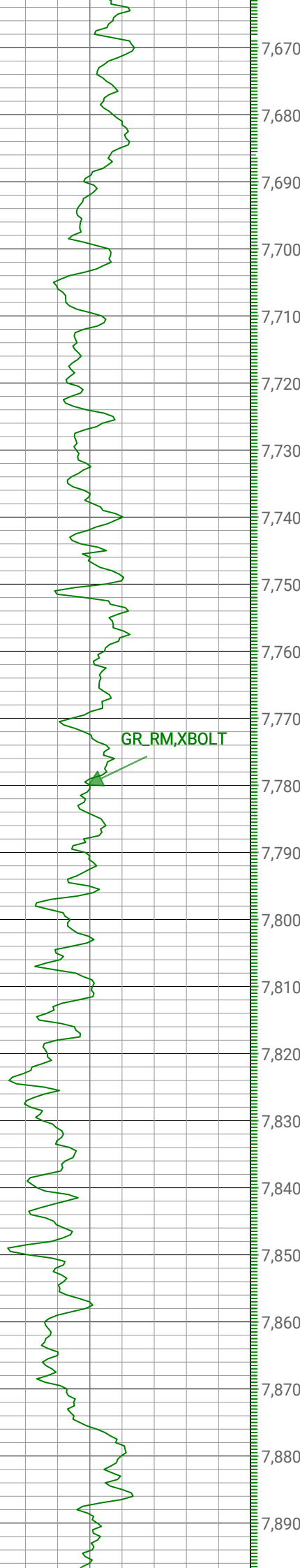




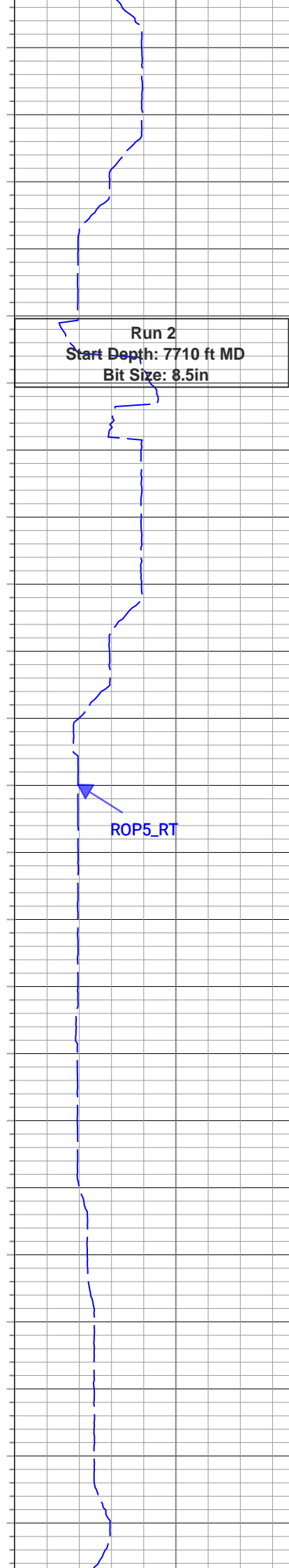




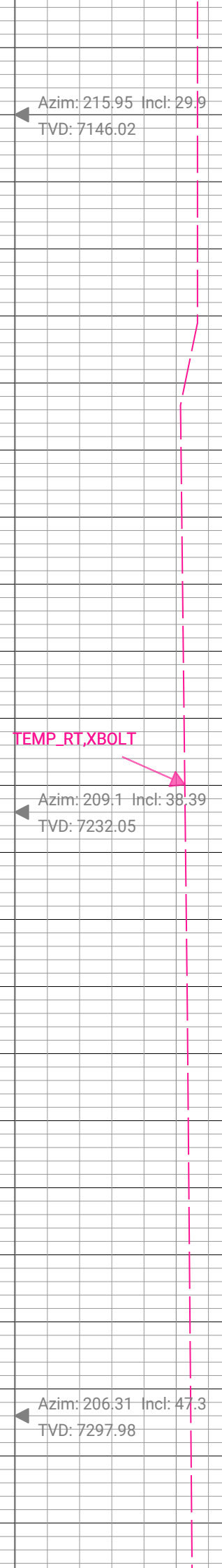




7,670  
7,680  
7,690  
7,700  
7,710  
7,720  
7,730  
7,740  
7,750  
7,760  
7,770  
7,780  
7,790  
7,800  
7,810  
7,820  
7,830  
7,840  
7,850  
7,860  
7,870  
7,880  
7,890



**Run 2**  
**Start Depth: 7710 ft MD**  
**Bit Size: 8.5in**



GR\_RM, XBOLT

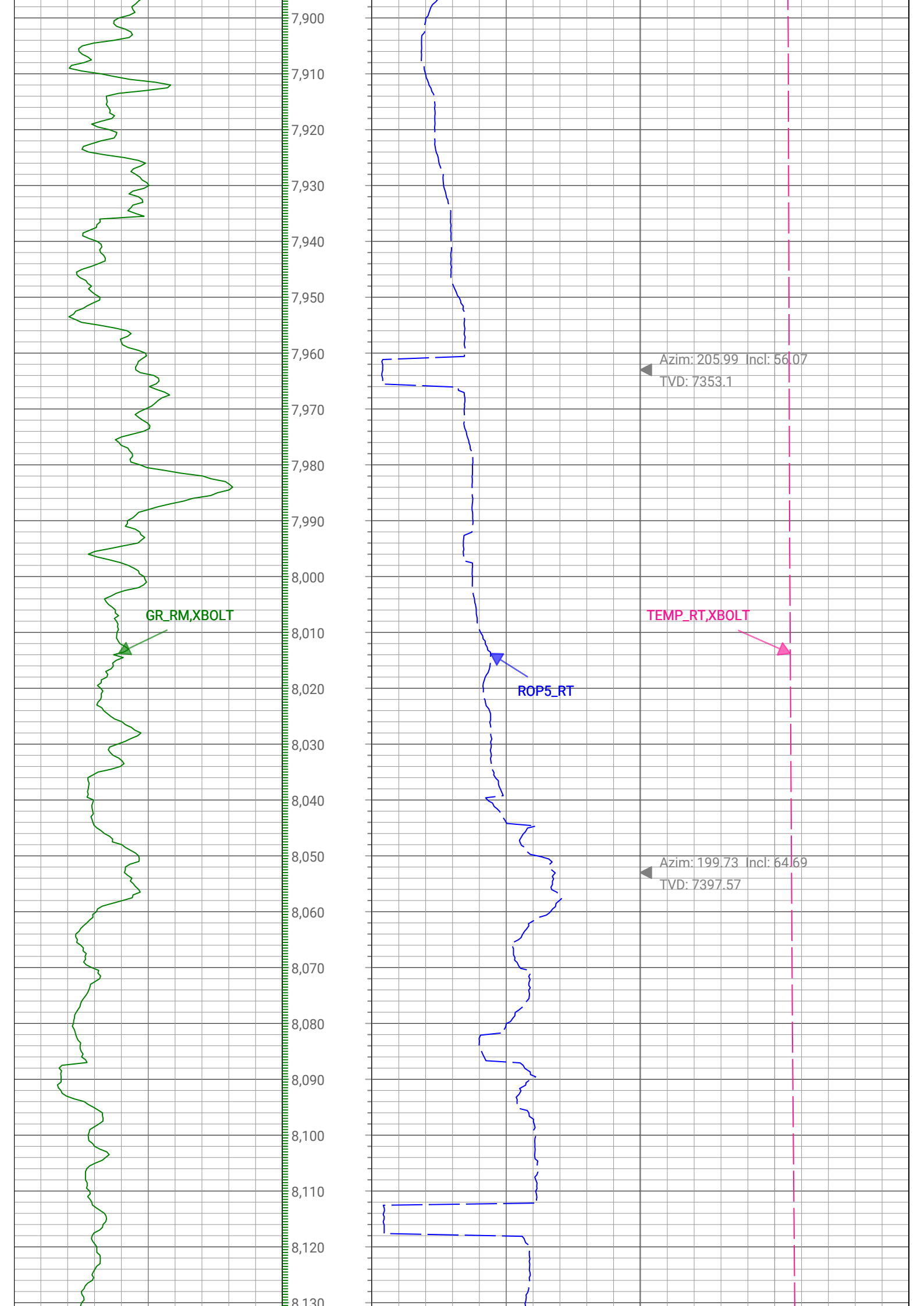
ROP5\_RT

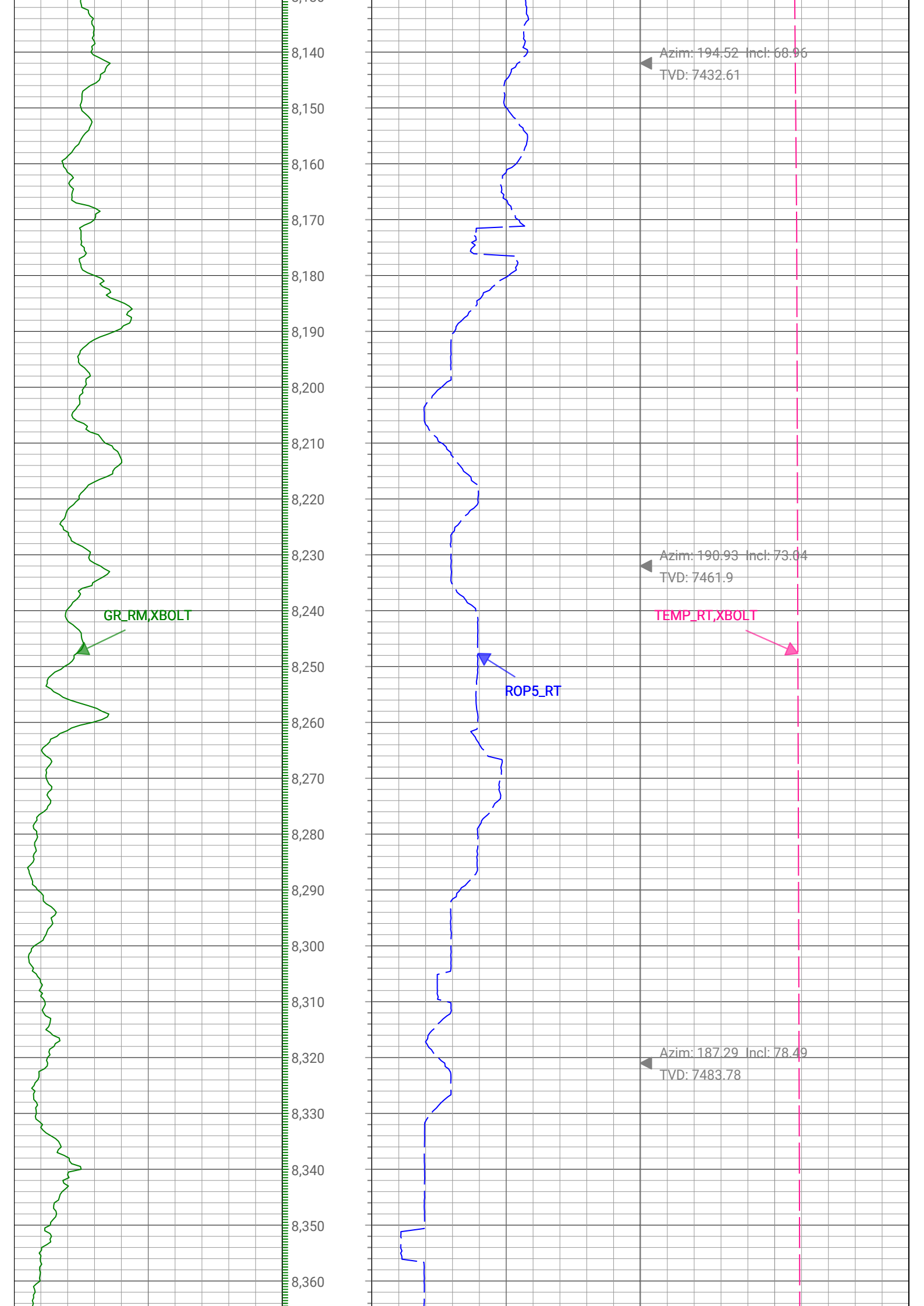
TEMP\_RT, XBOLT

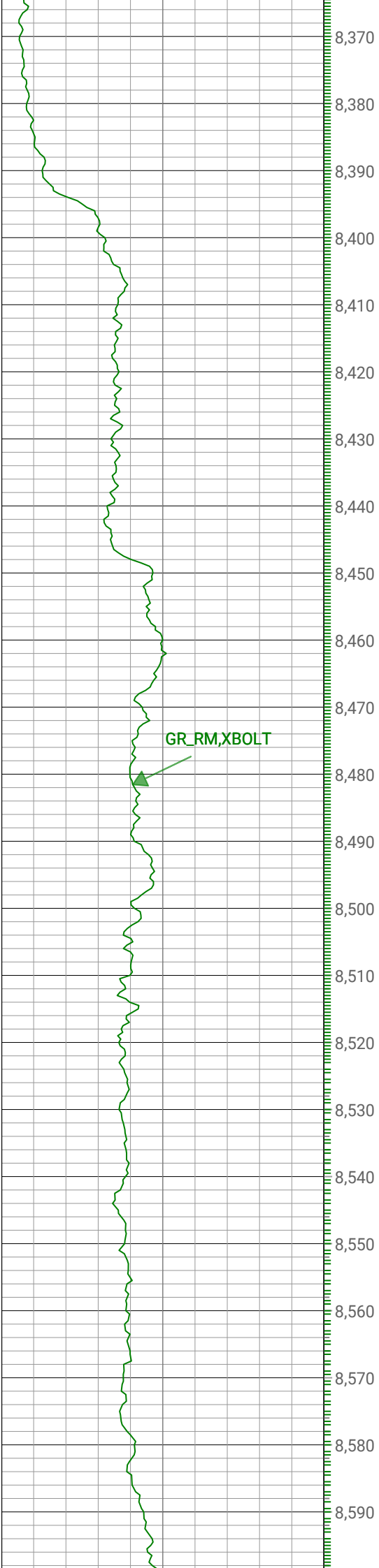
◀ Azim: 215.95 Incl: 29.9  
TVD: 7146.02

◀ Azim: 209.1 Incl: 38.39  
TVD: 7232.05

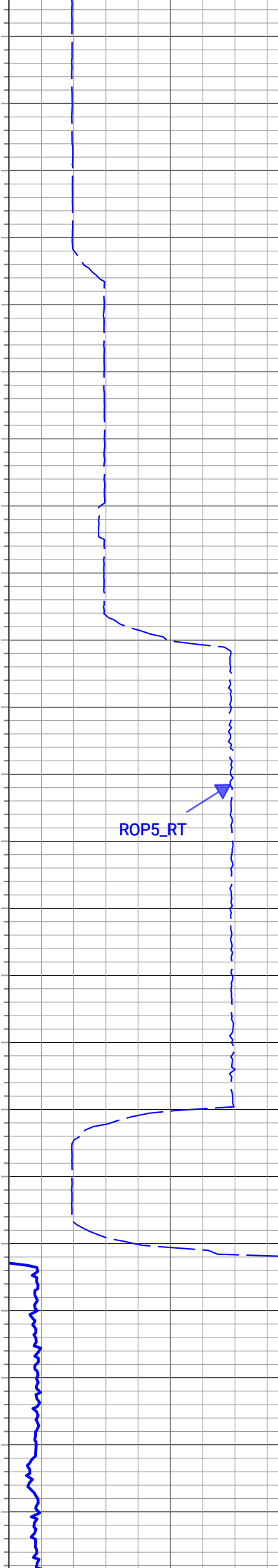
◀ Azim: 206.31 Incl: 47.3  
TVD: 7297.98







GR\_RM, XBOLT



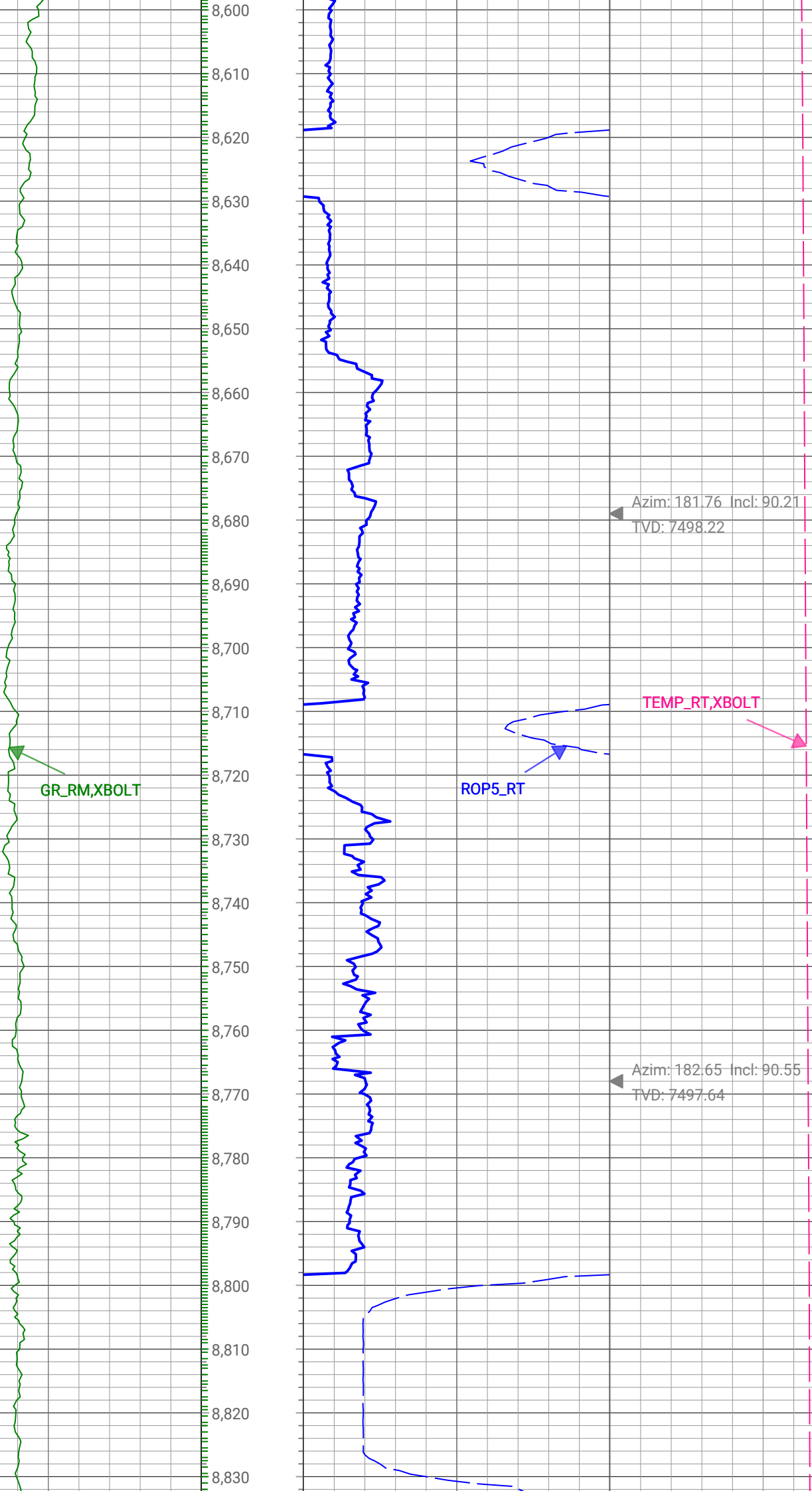
ROP5\_RT

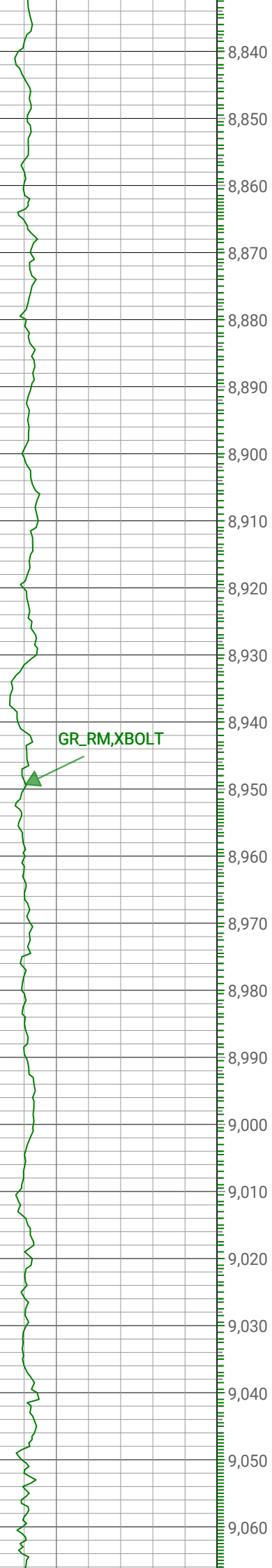
Azim: 180.31 Incl: 86.07  
TVD: 7495.87

Azim: 180.71 Incl: 89.97  
TVD: 7498.95

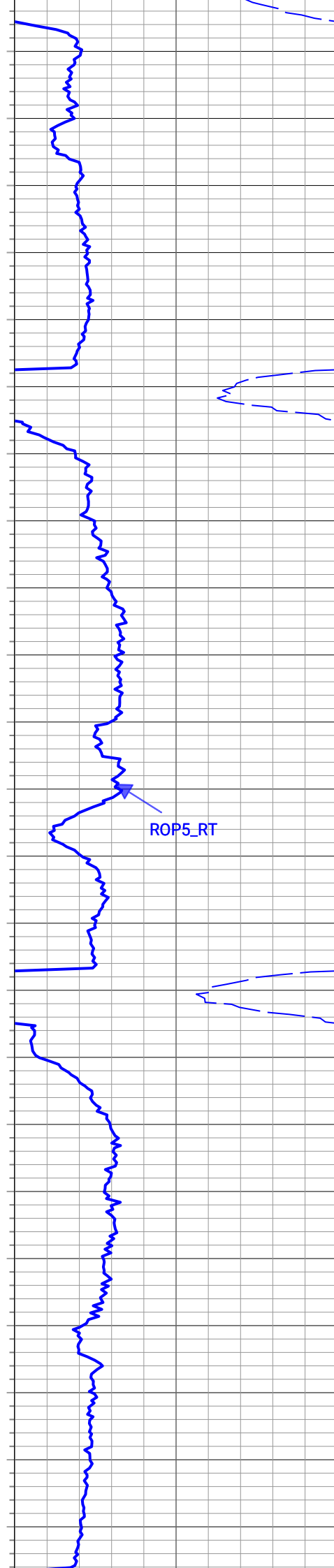
Azim: 180.98 Incl: 90.38  
TVD: 7498.68

TEMP\_RT, XBOLT





GR\_RM, XBOLT



ROP5\_RT

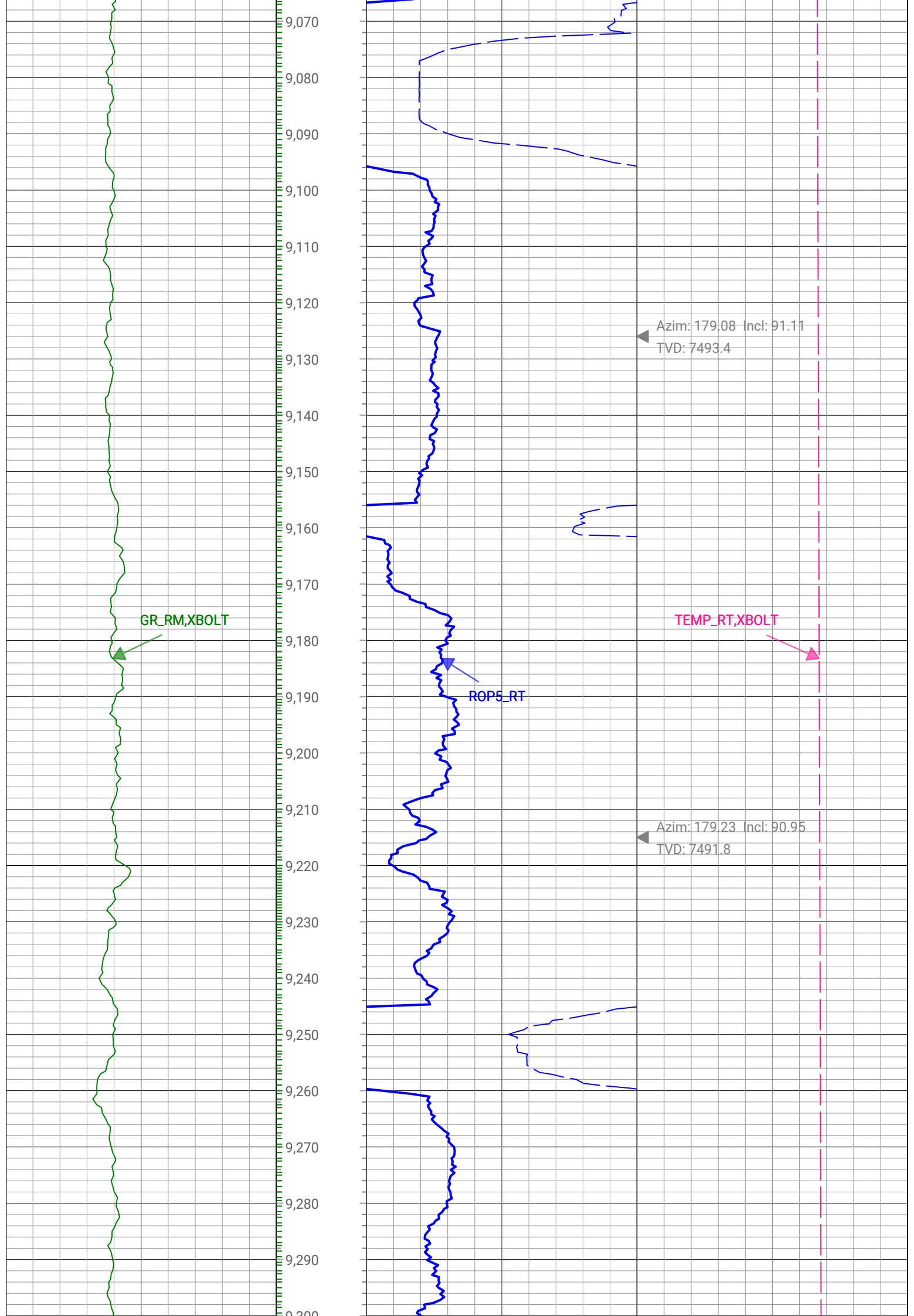


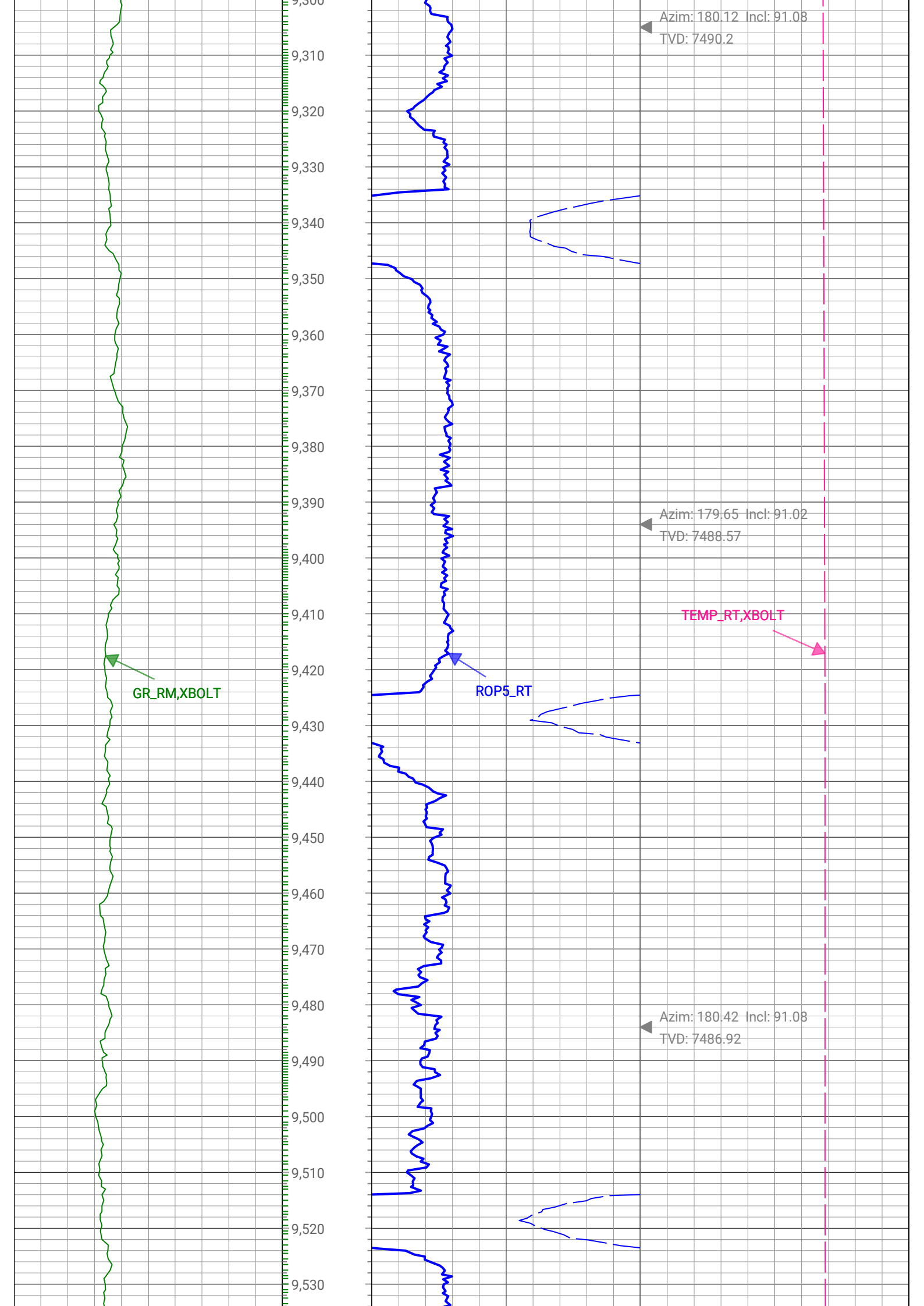
Azim: 180.9 Incl: 91.16  
TVD: 7496.29

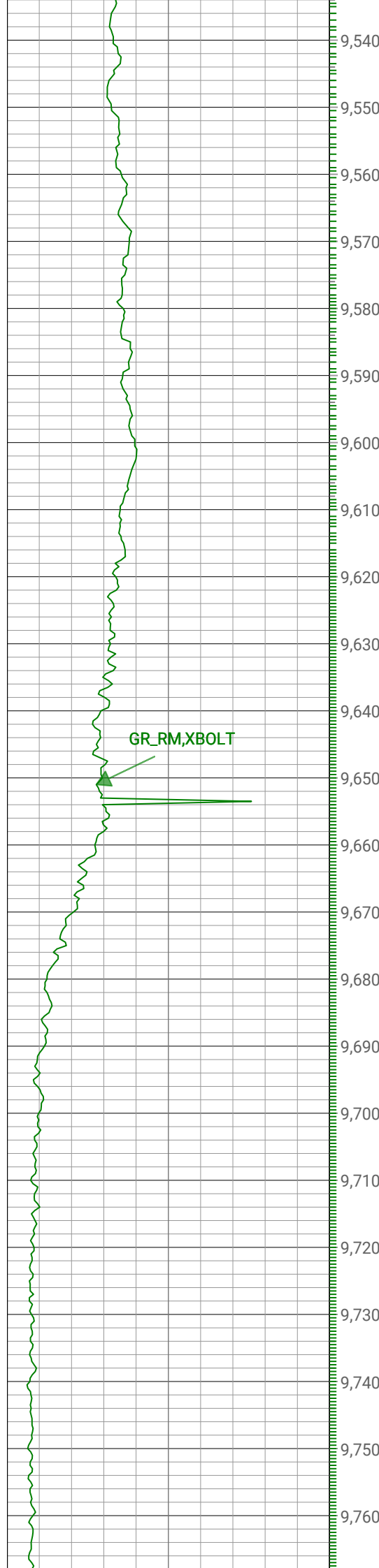
TEMP\_RT, XBOLT  
Azim: 180.39 Incl: 90.44  
TVD: 7495.05

Azim: 179.65 Incl: 90.28  
TVD: 7494.48

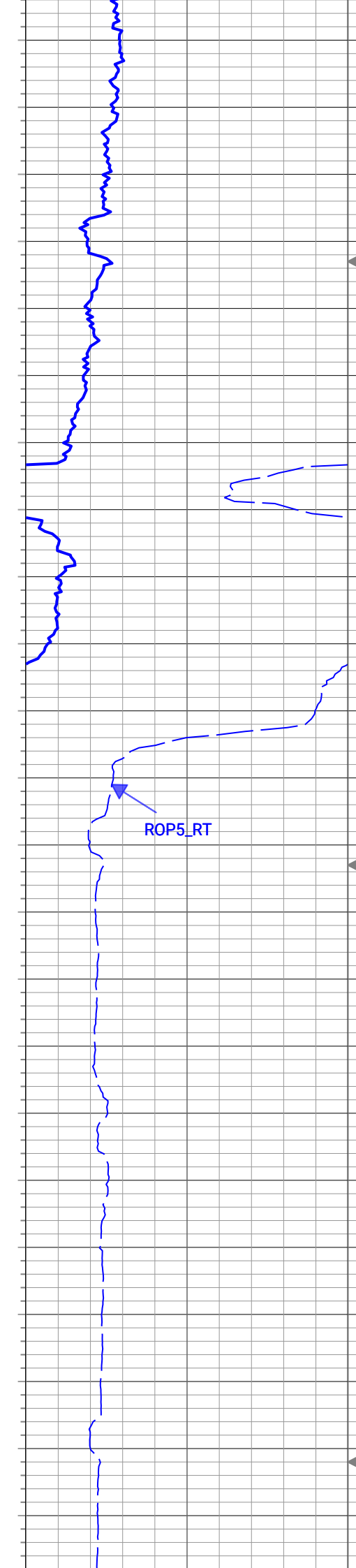




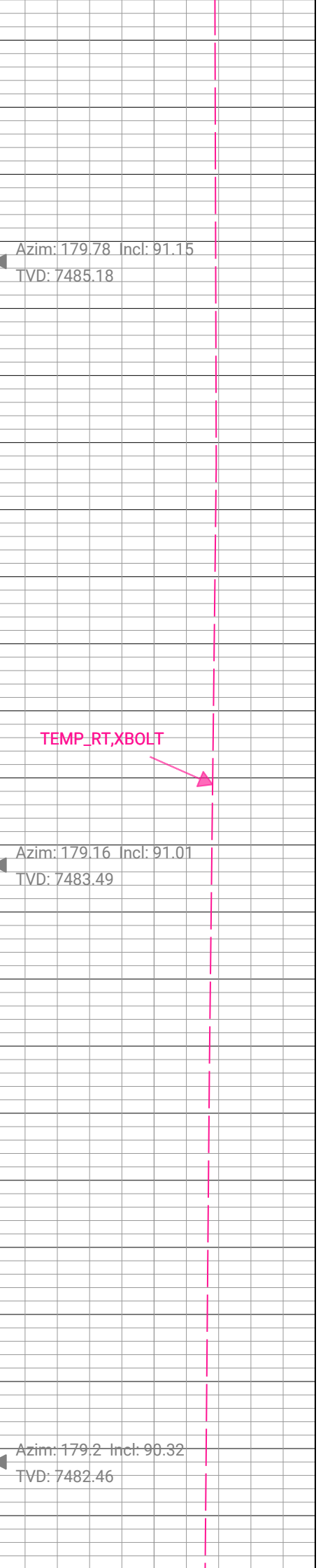




GR\_RM, XBOLT



ROP5\_RT



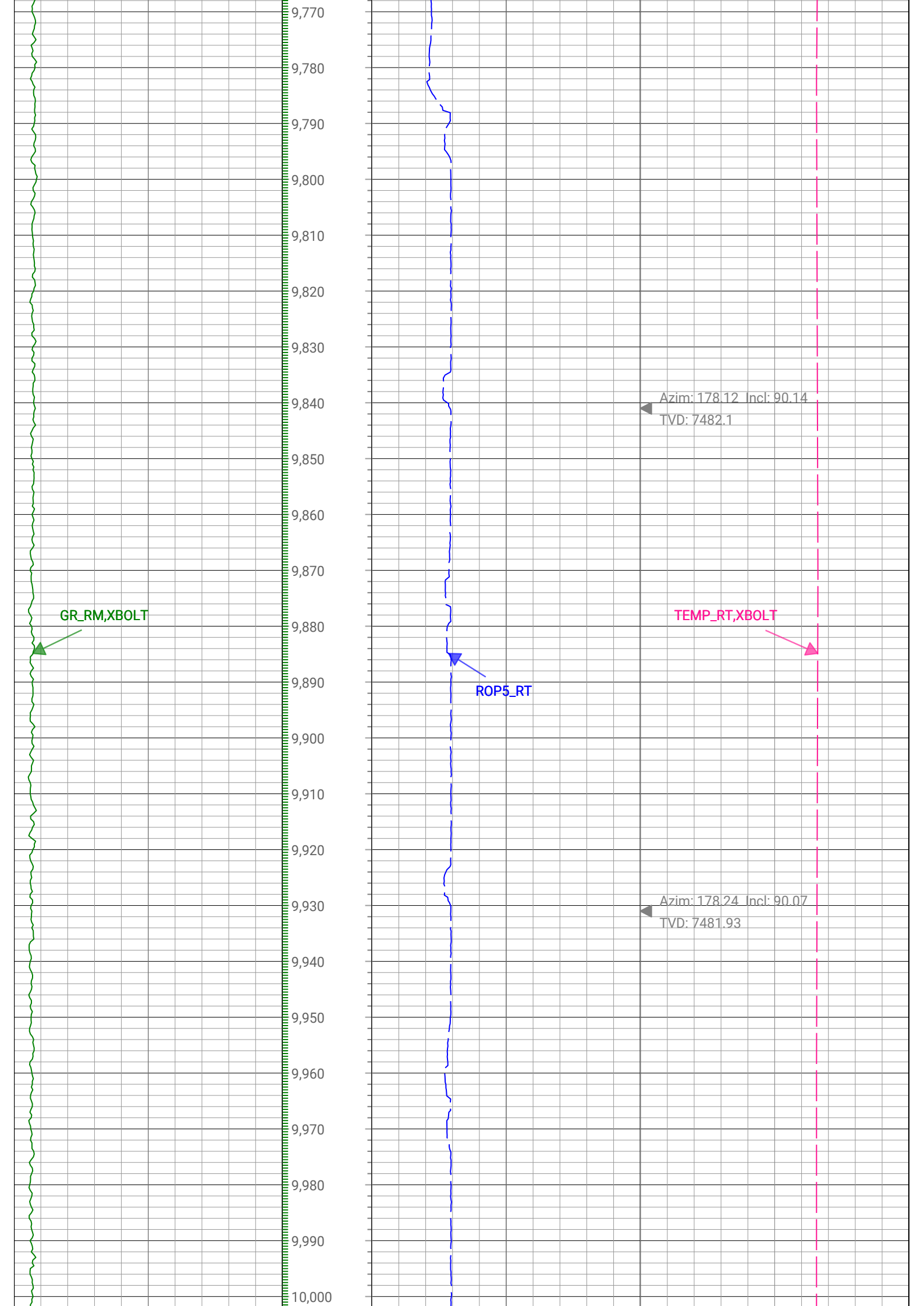
TEMP\_RT, XBOLT



◀ Azim: 179.78 Incl: 91.15  
TVD: 7485.18

◀ Azim: 179.16 Incl: 91.01  
TVD: 7483.49

◀ Azim: 179.2 Incl: 90.32  
TVD: 7482.46



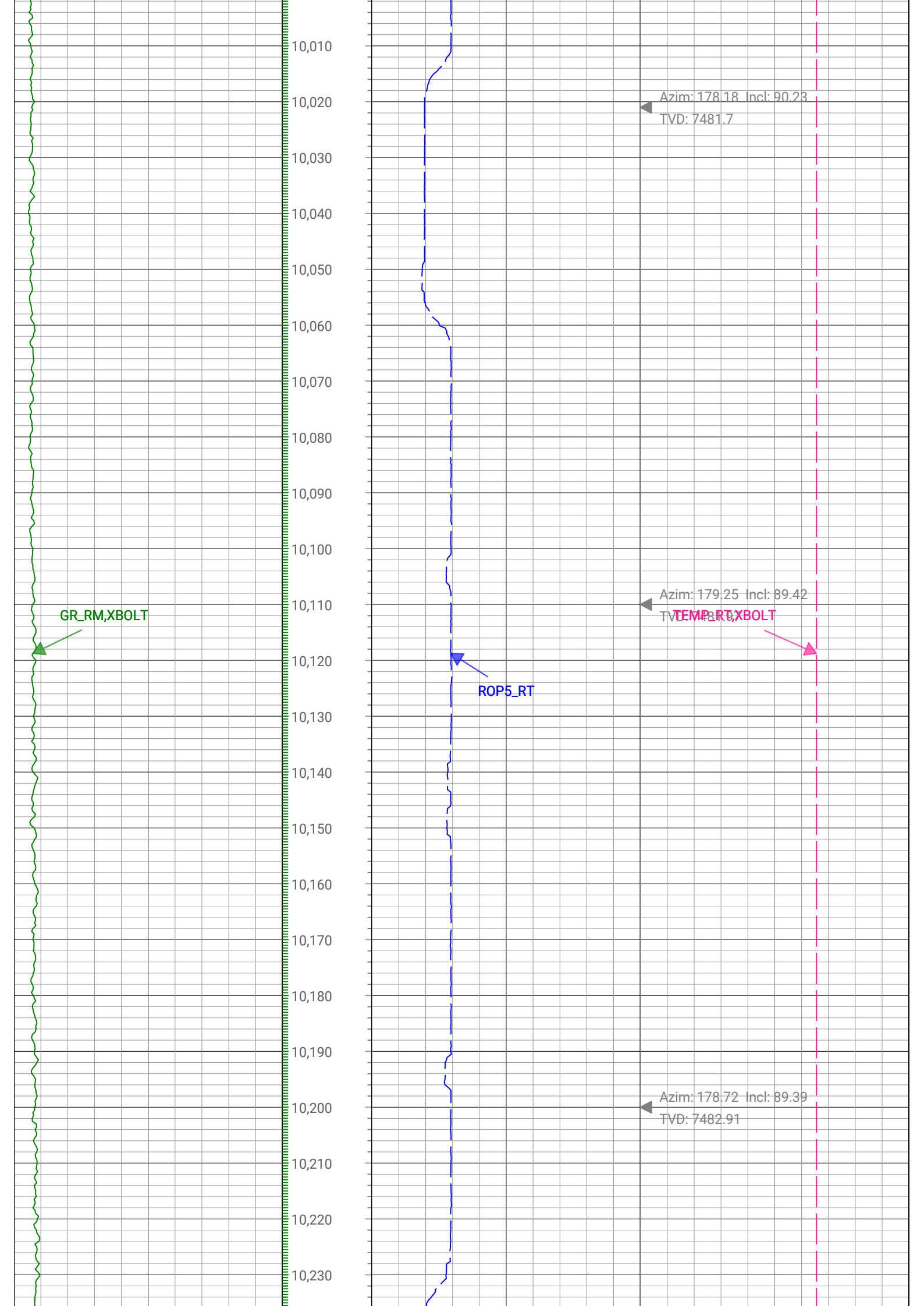
GR\_RM, XBOLT

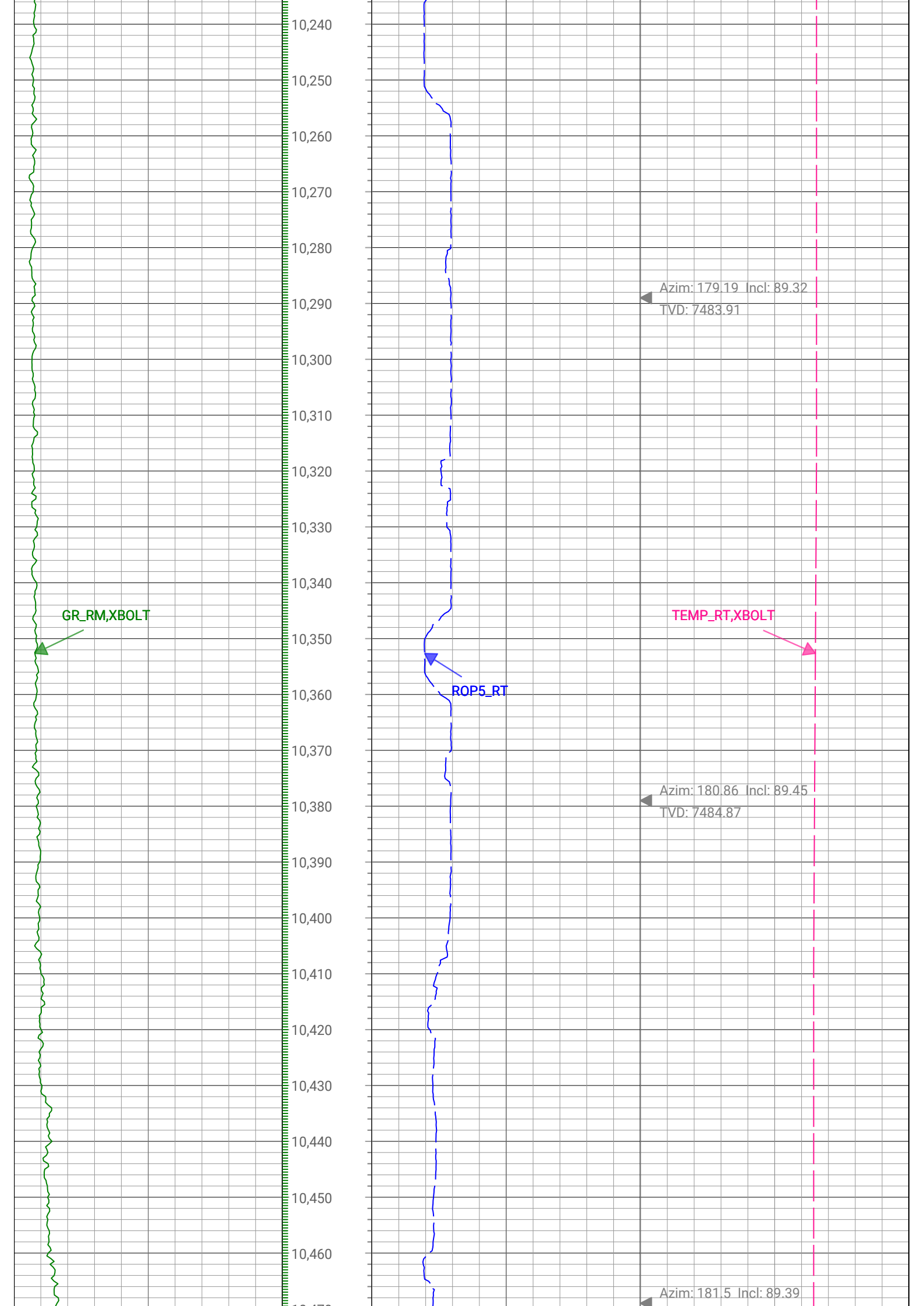
ROP5\_RT

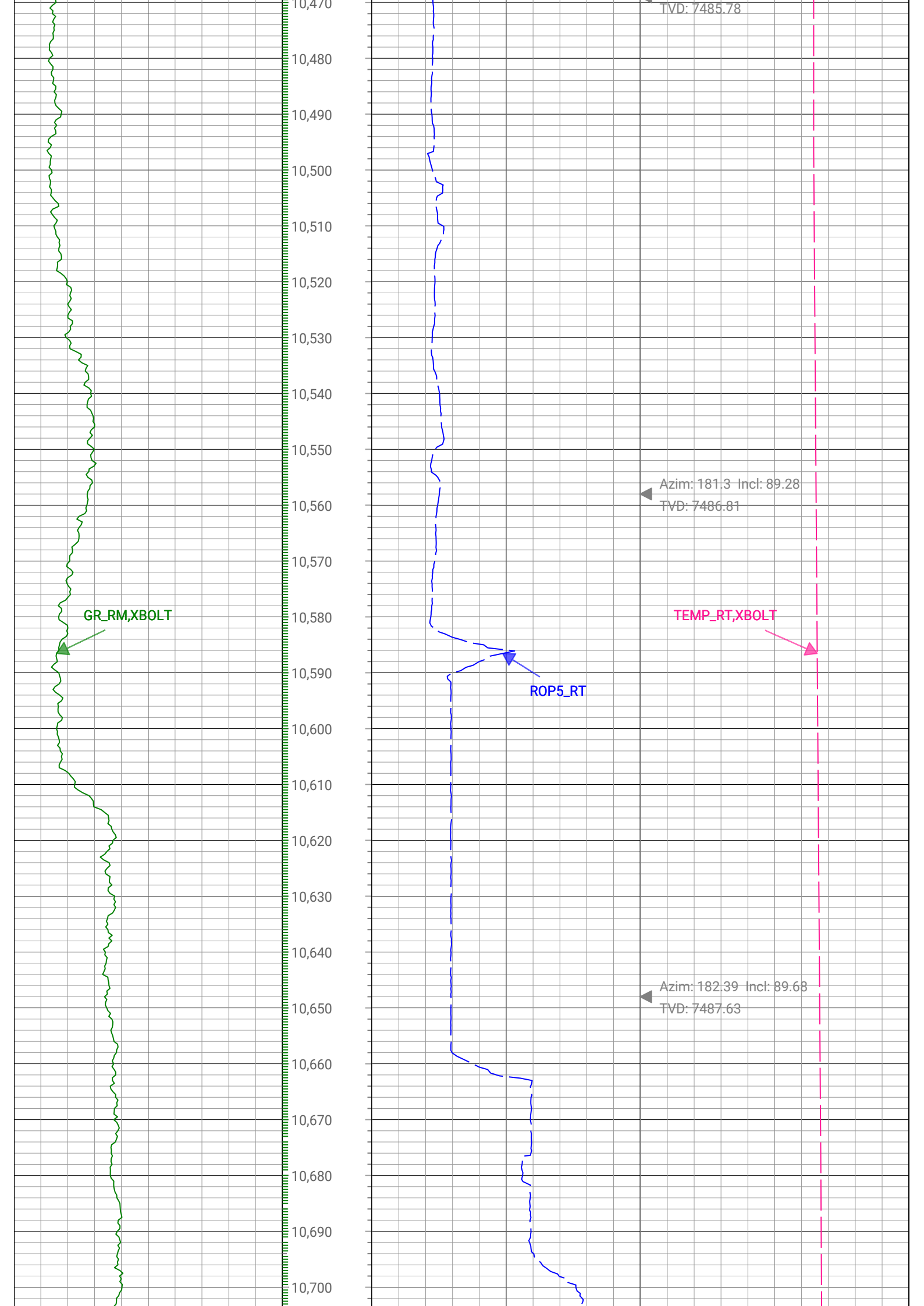
TEMP\_RT, XBOLT

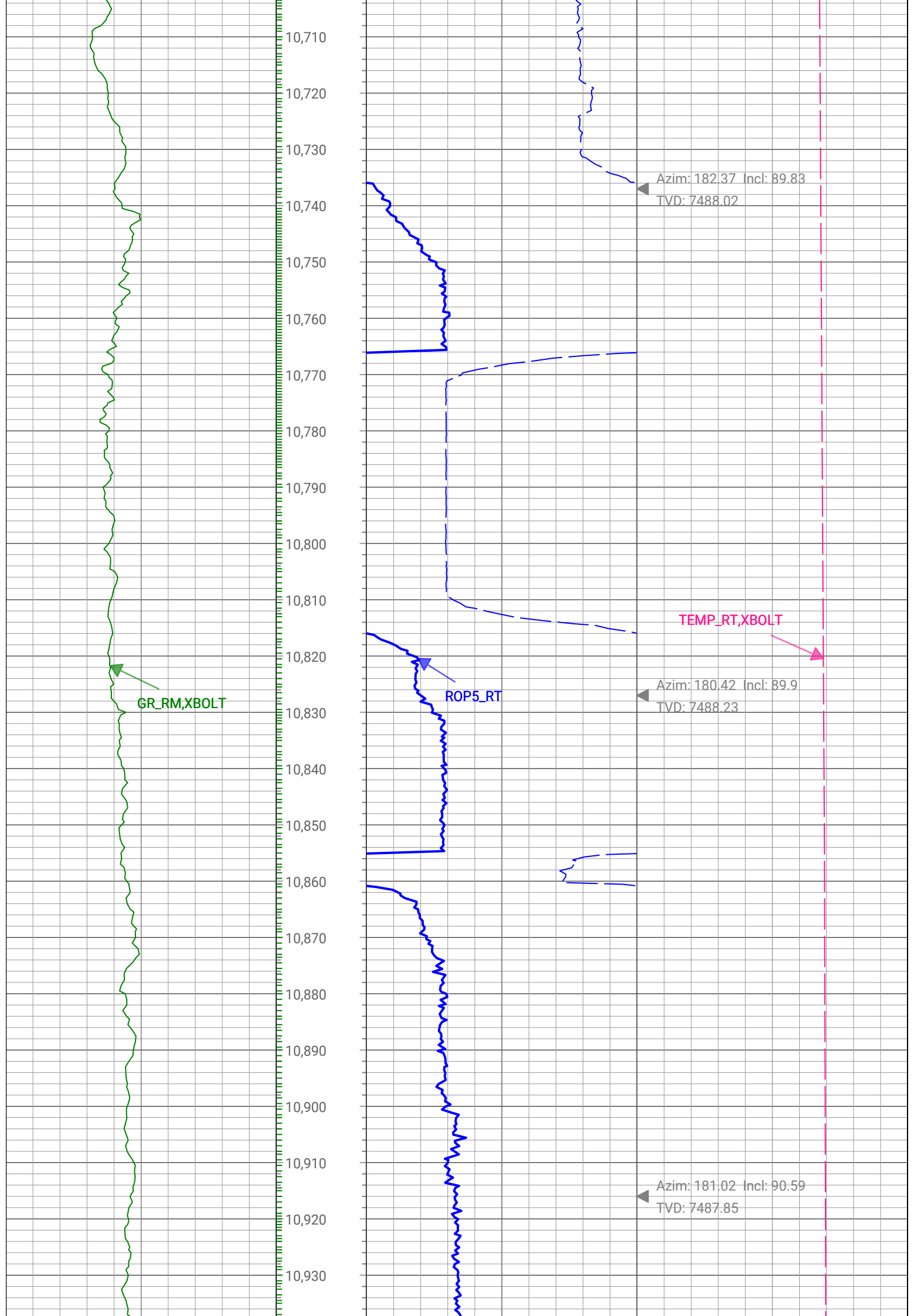
Azim: 178.12 Incl: 90.14  
TVD: 7482.1

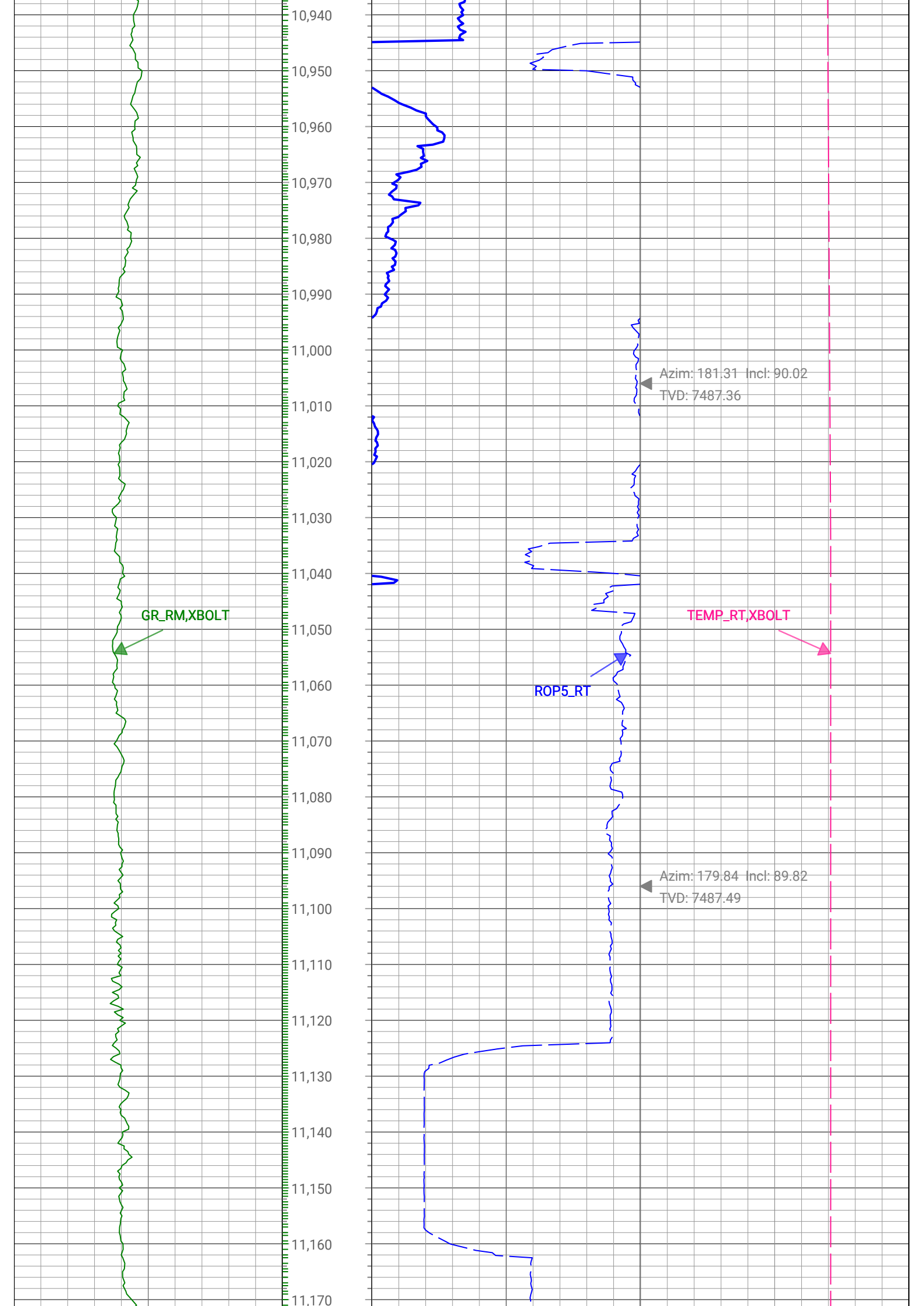
Azim: 178.24 Incl: 90.07  
TVD: 7481.93

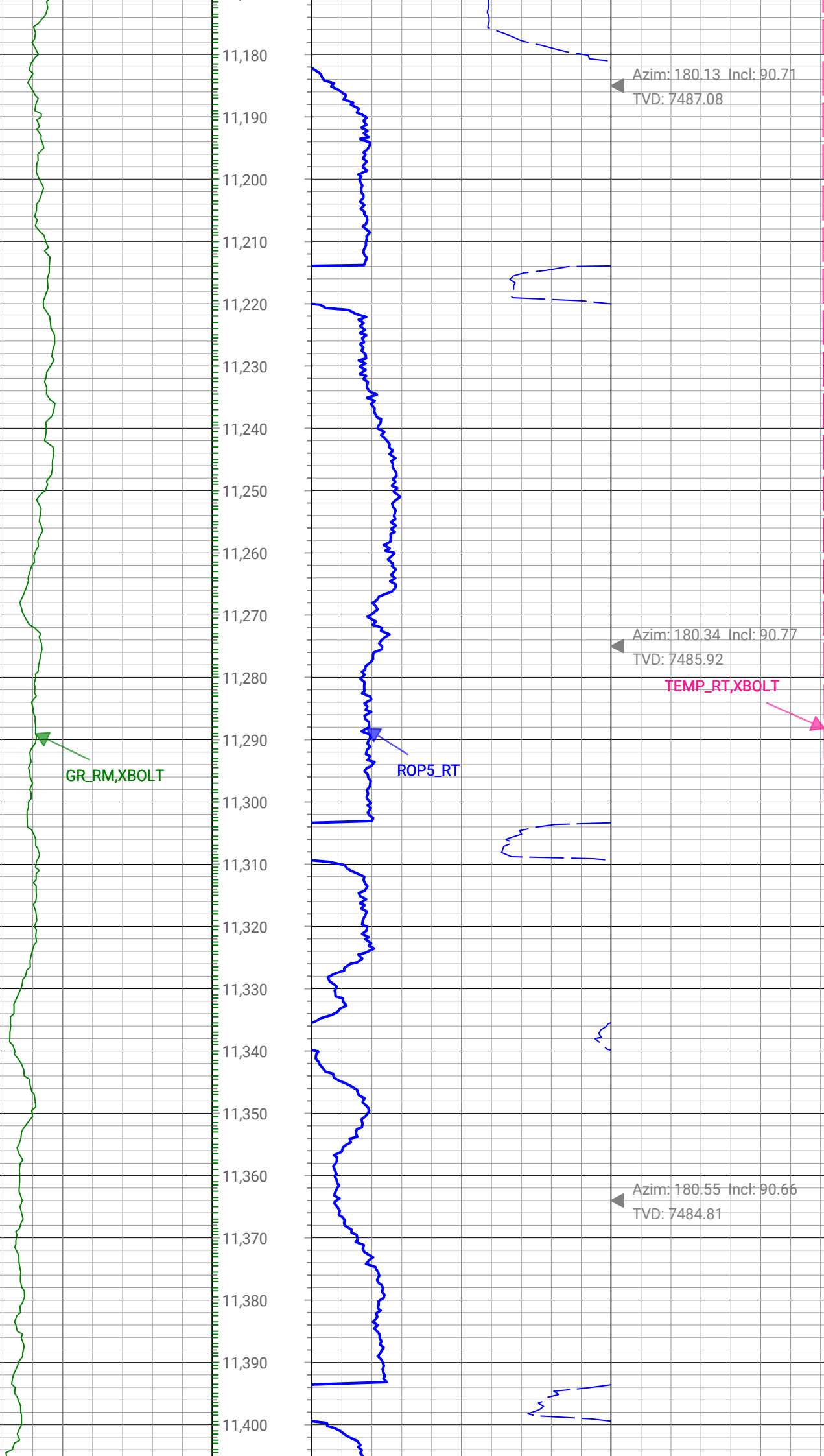












GR\_RM, XBOLT

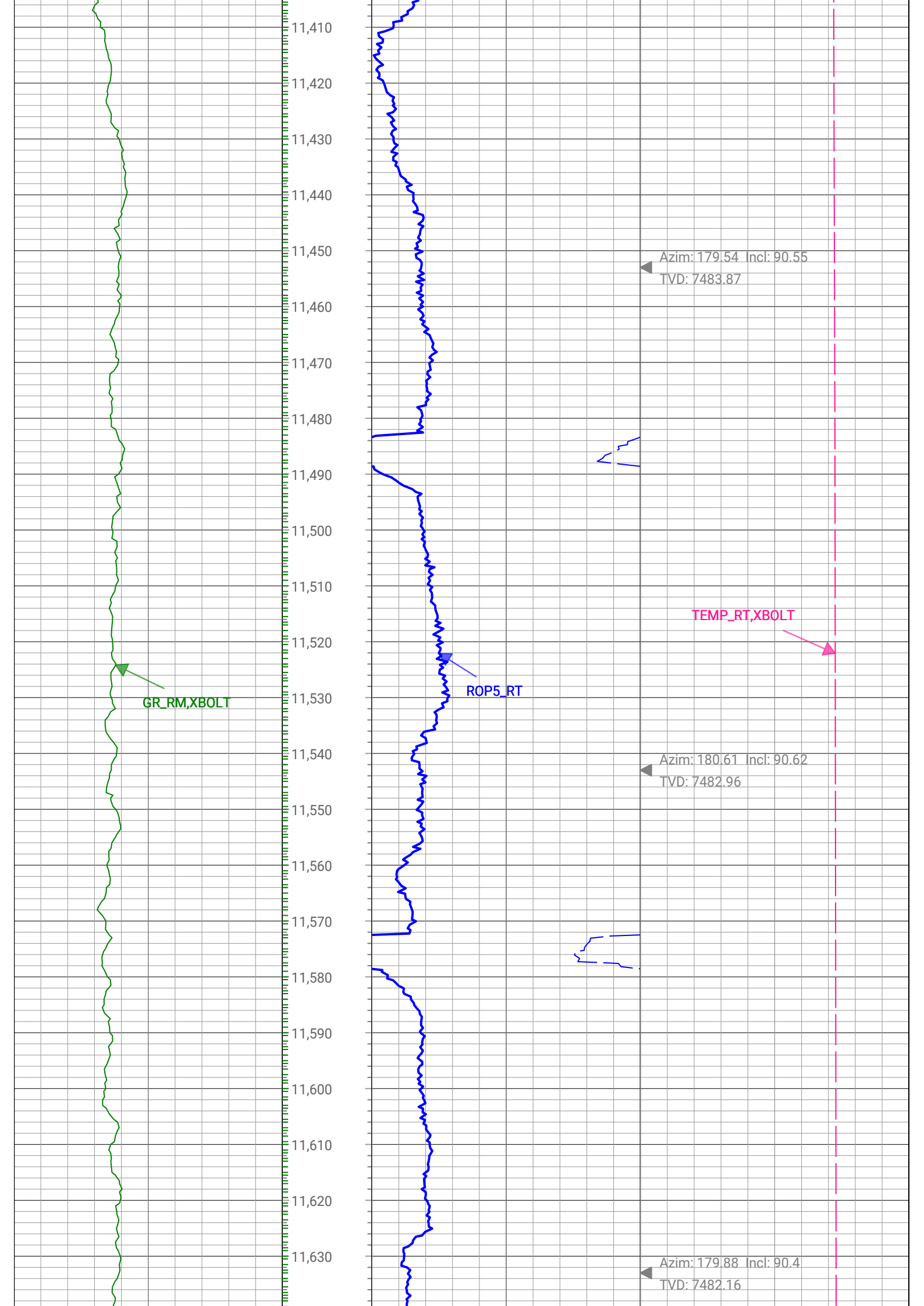
ROP5\_RT

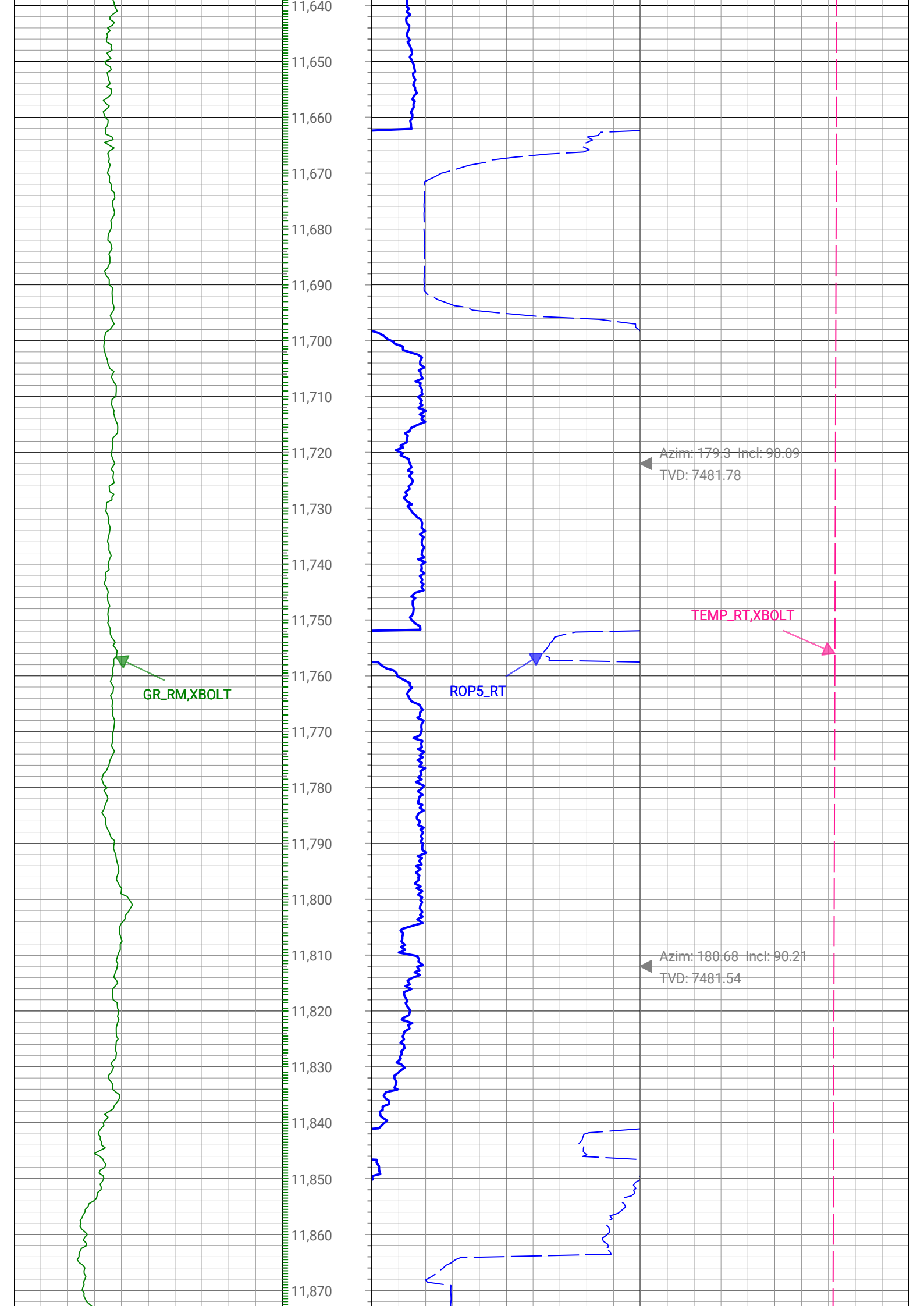
TEMP\_RT, XBOLT

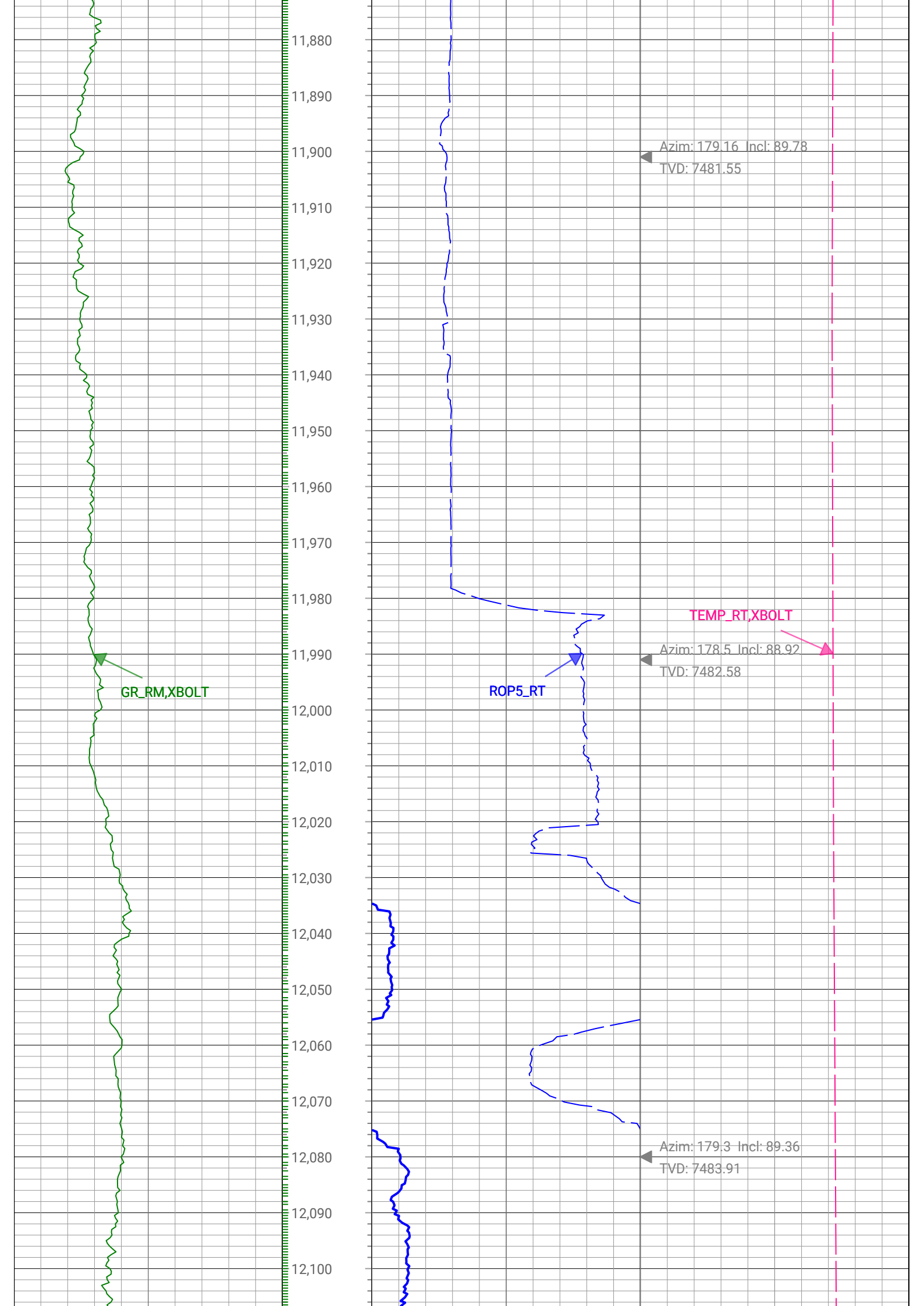
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TVD: 7487.08

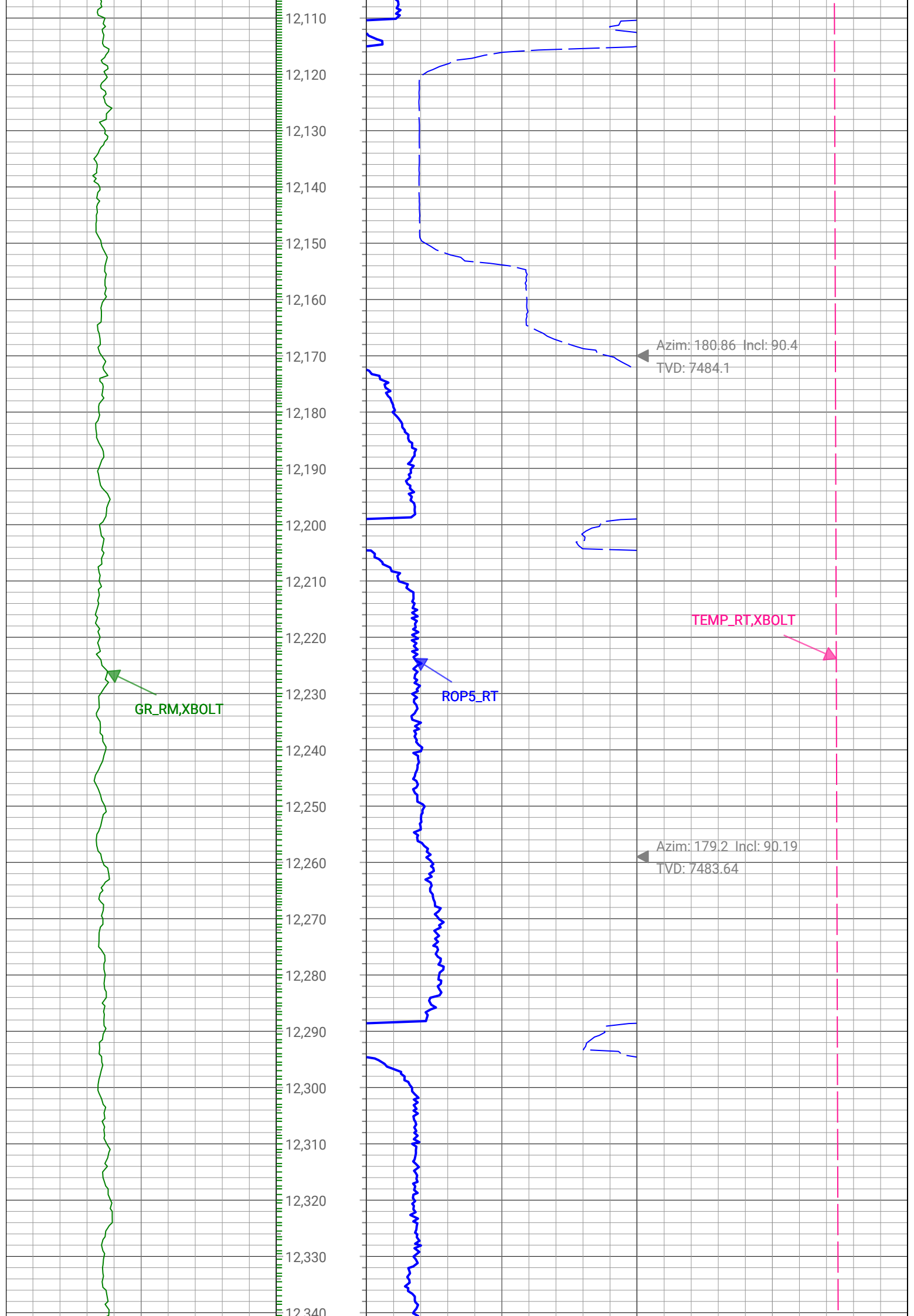
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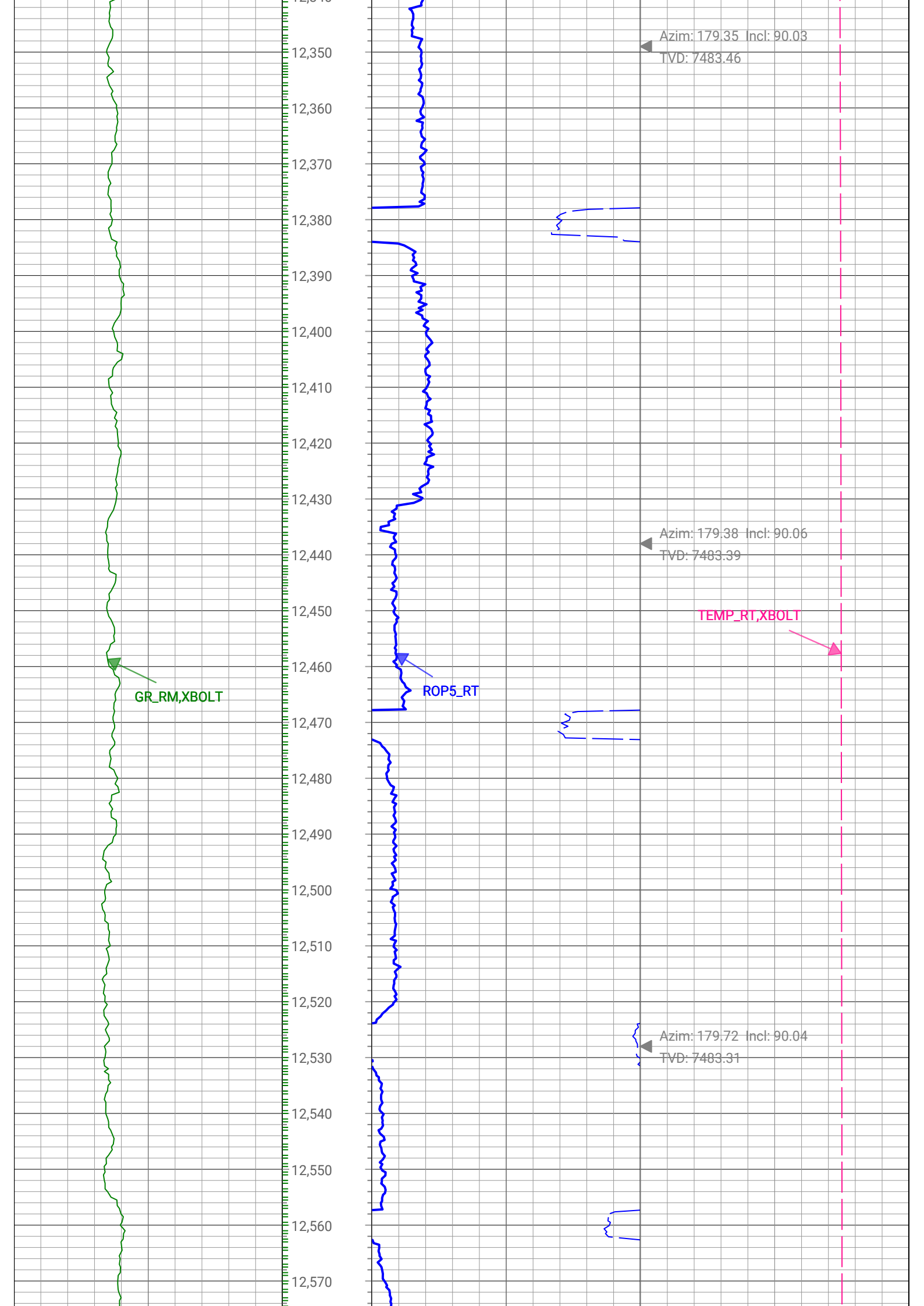
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TVD: 7484.81

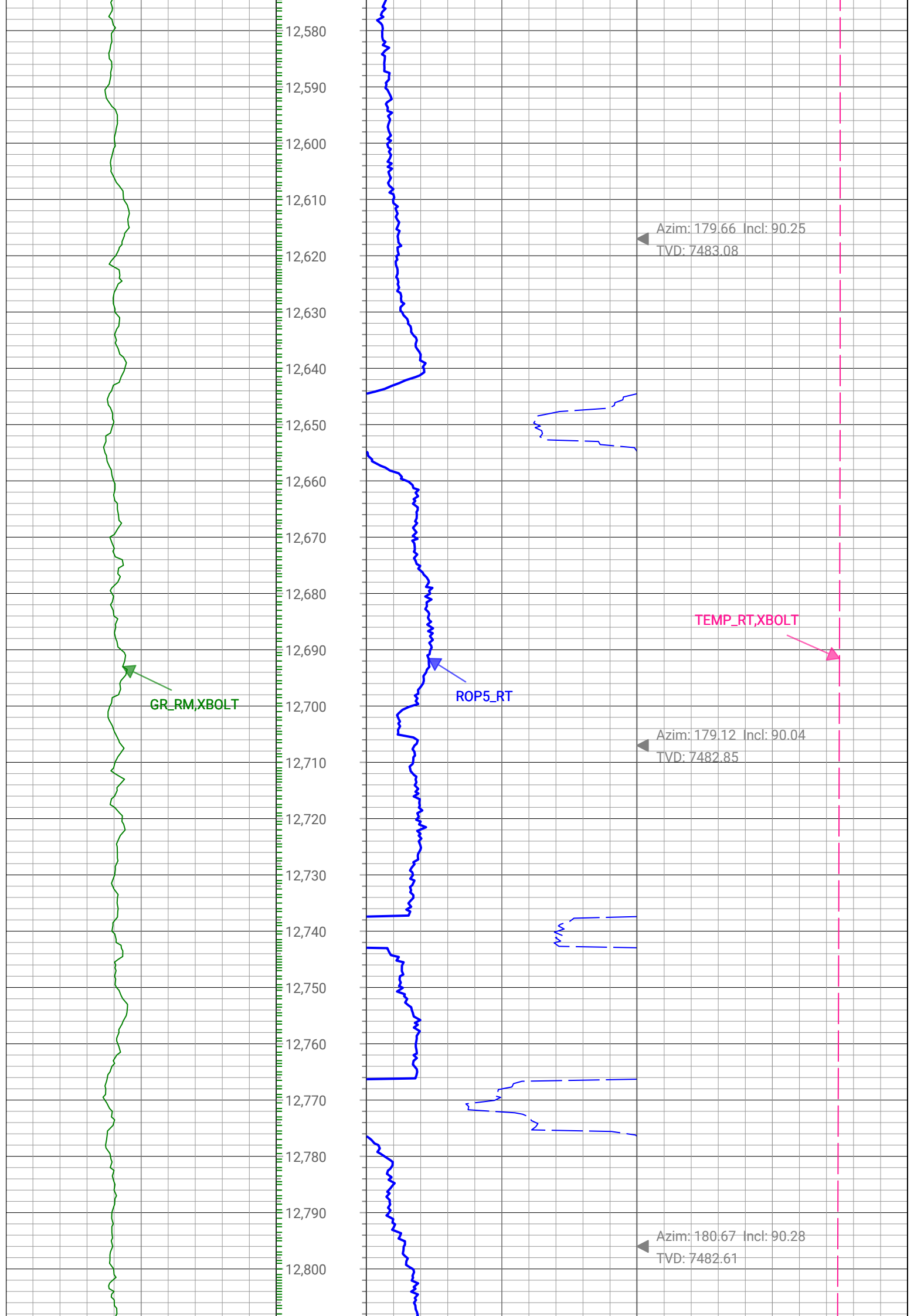


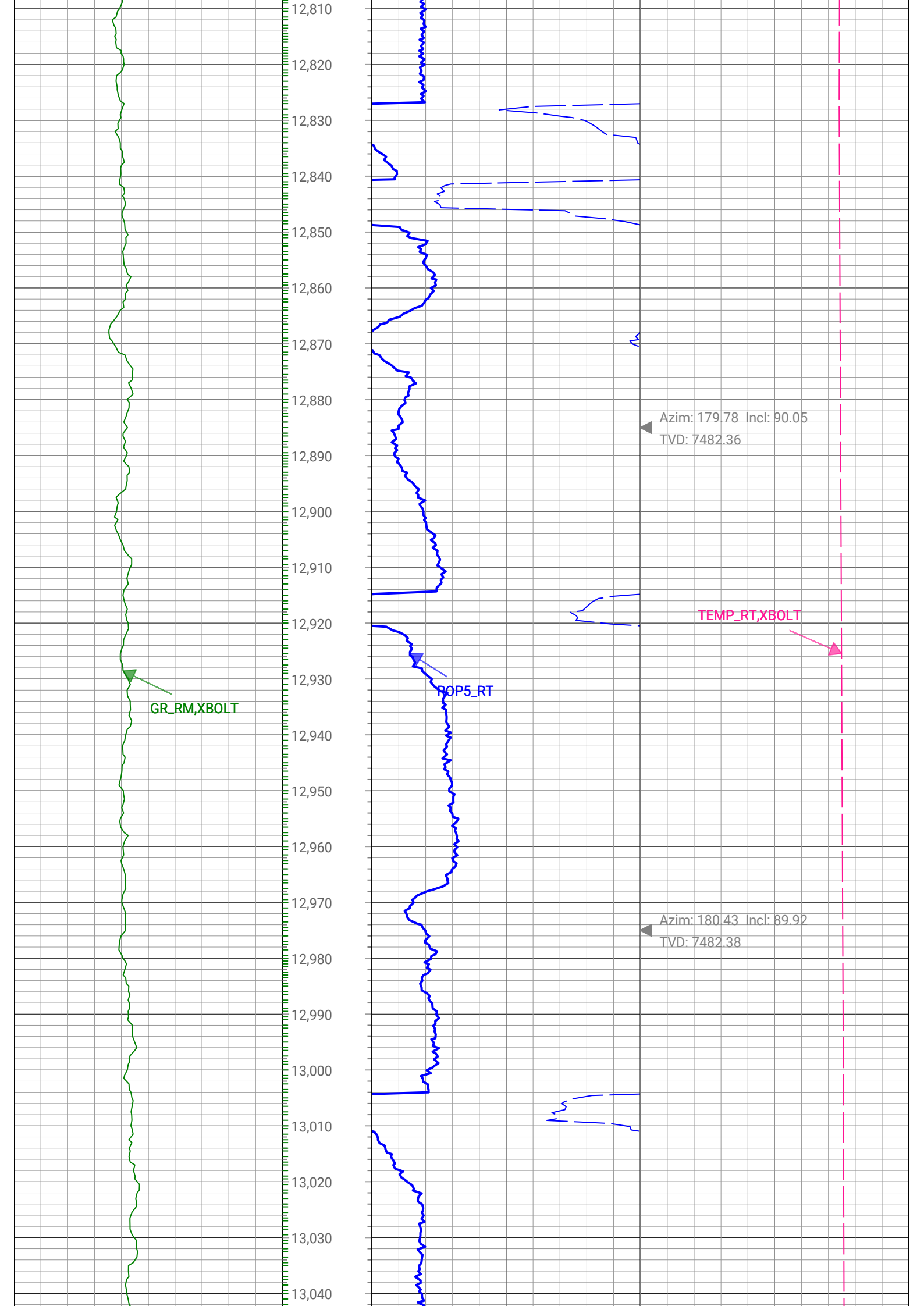


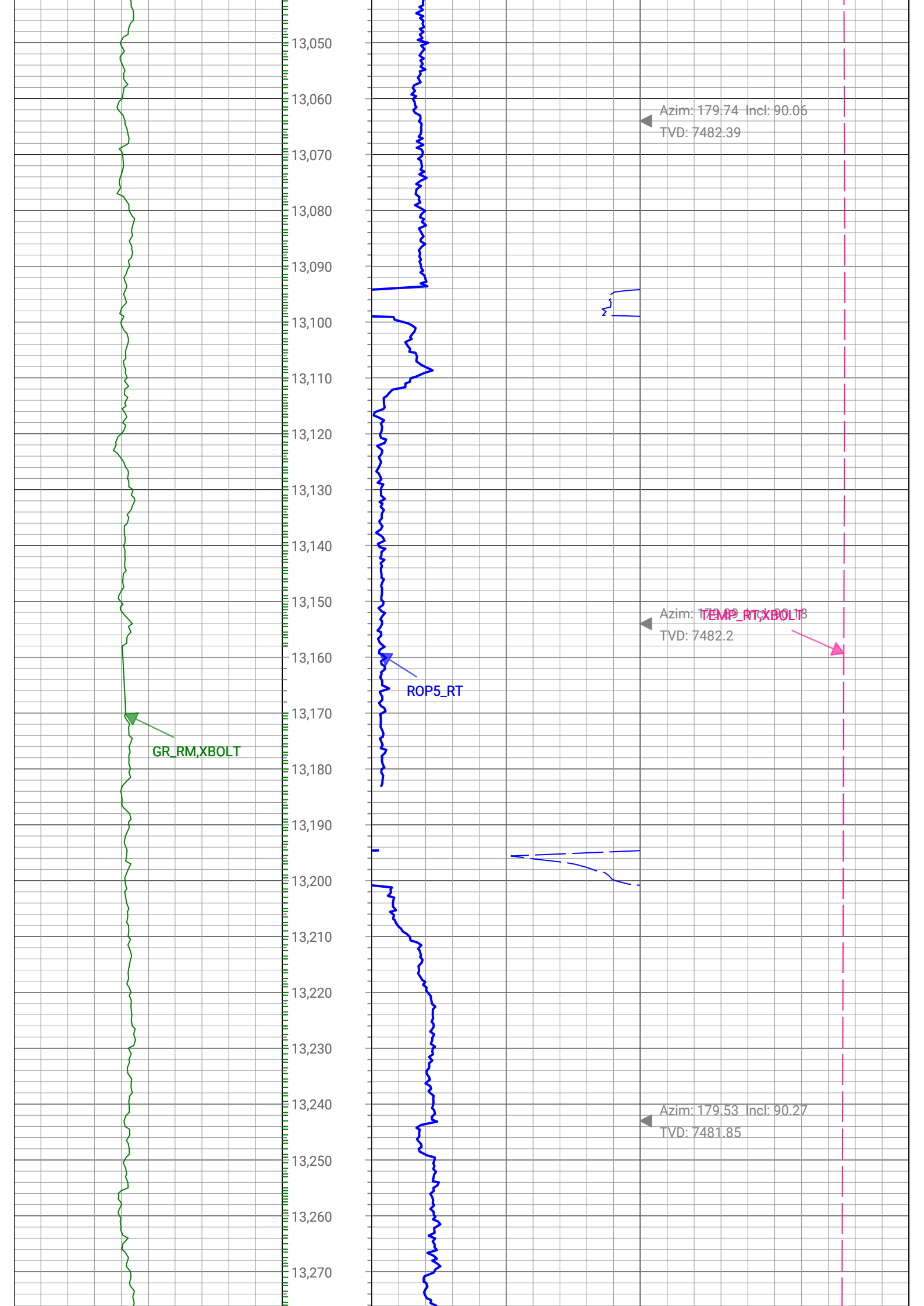












13,050  
13,060  
13,070  
13,080  
13,090  
13,100  
13,110  
13,120  
13,130  
13,140  
13,150  
13,160  
13,170  
13,180  
13,190  
13,200  
13,210  
13,220  
13,230  
13,240  
13,250  
13,260  
13,270

GR\_RM, XBOLT

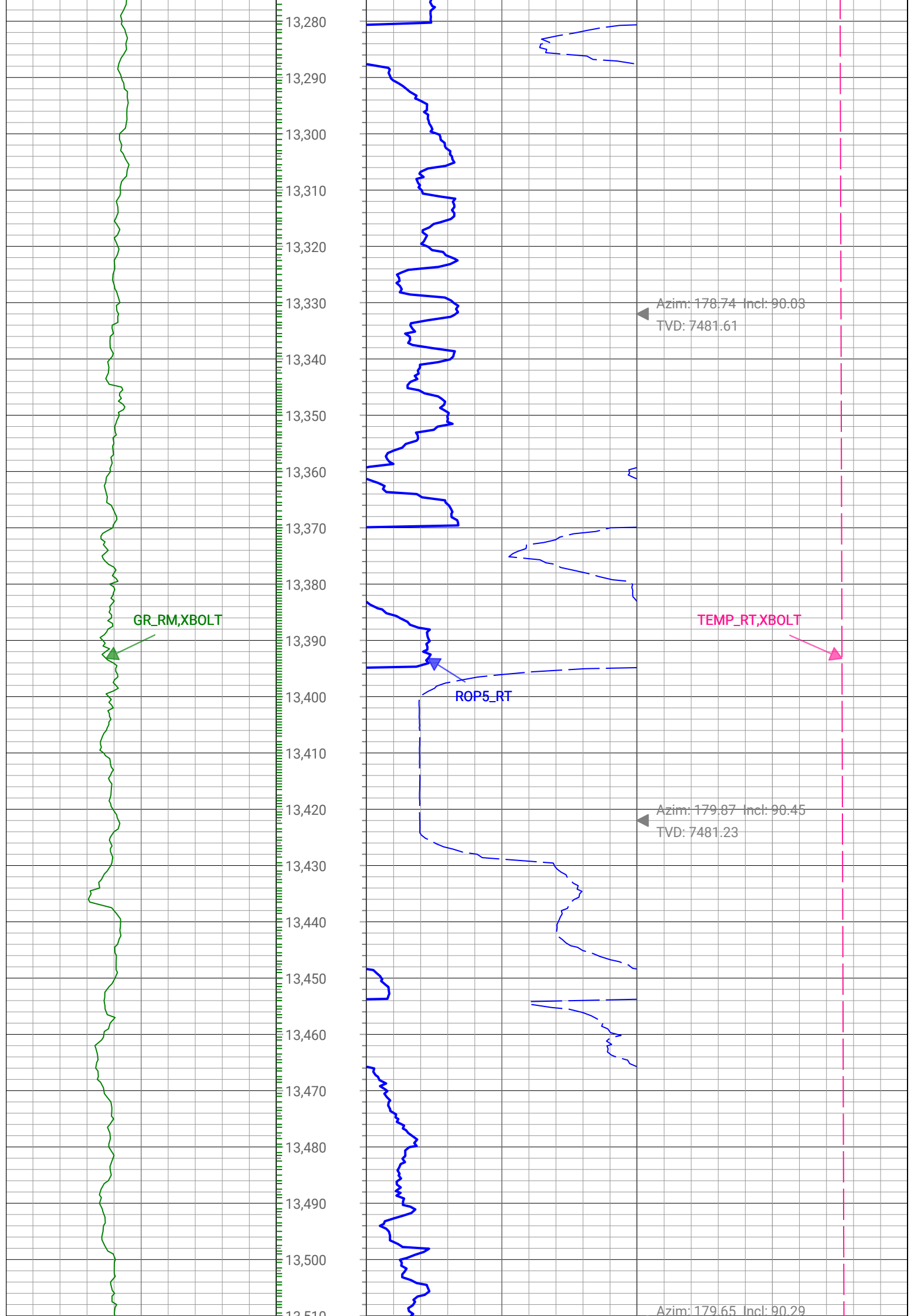
ROP5\_RT

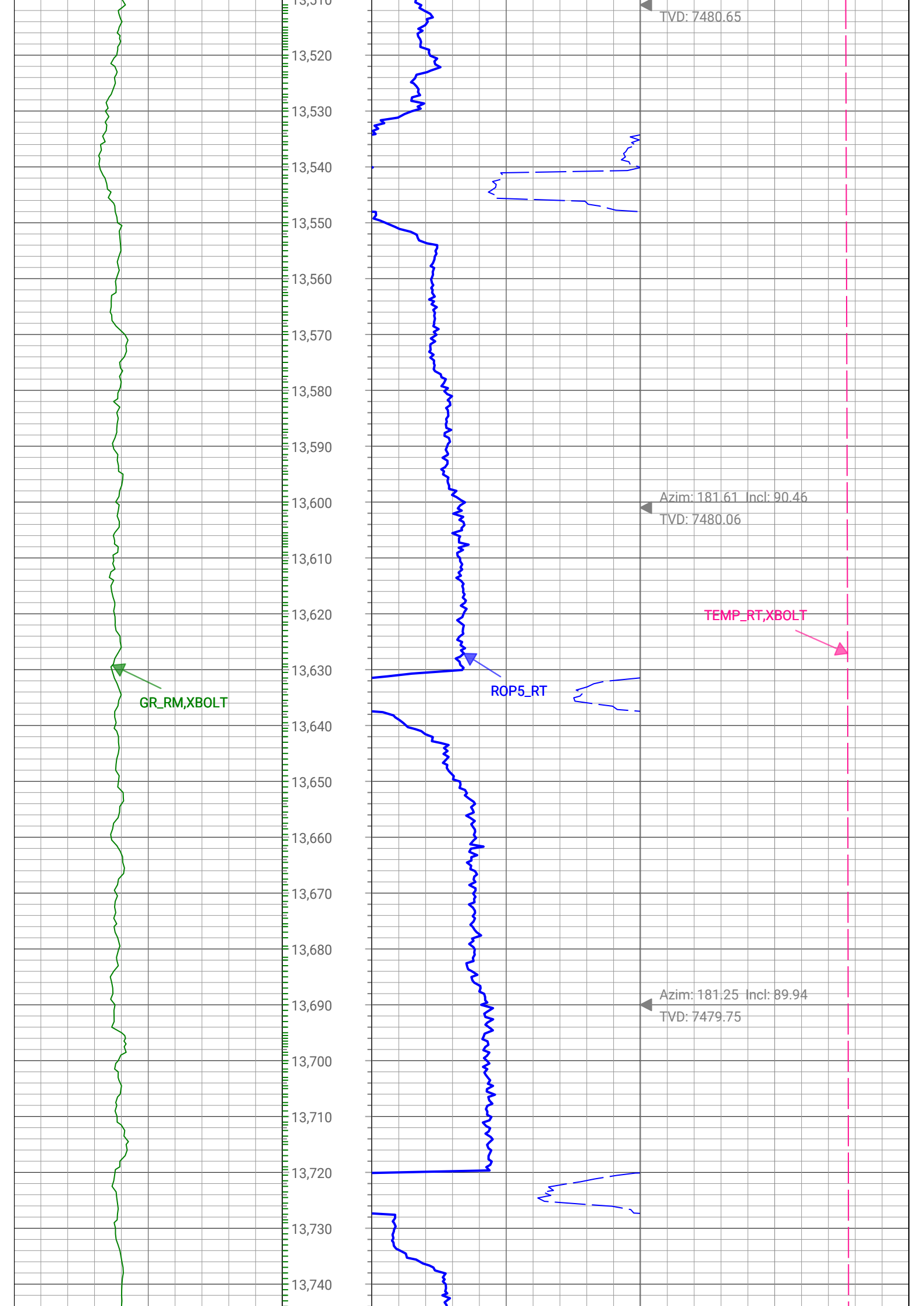
TEMP\_RT, XBOLT

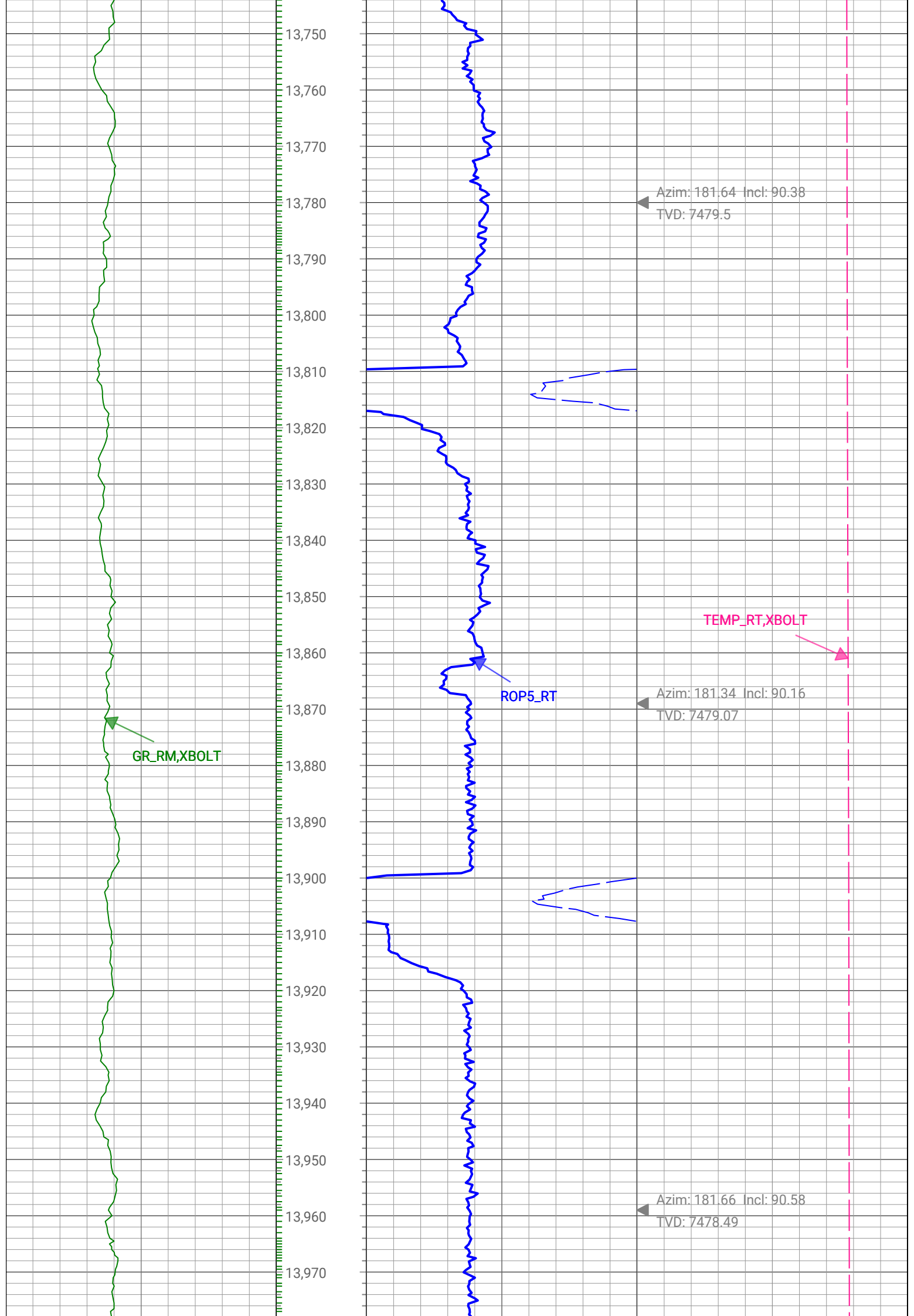
Azim: 179.74 Incl: 90.05  
TVD: 7482.39

Azim: 179.19 Incl: 90.18  
TVD: 7482.2

Azim: 179.53 Incl: 90.27  
TVD: 7481.85







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  
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13,940  
13,950  
13,960  
13,970

GR\_RM, XBOLT

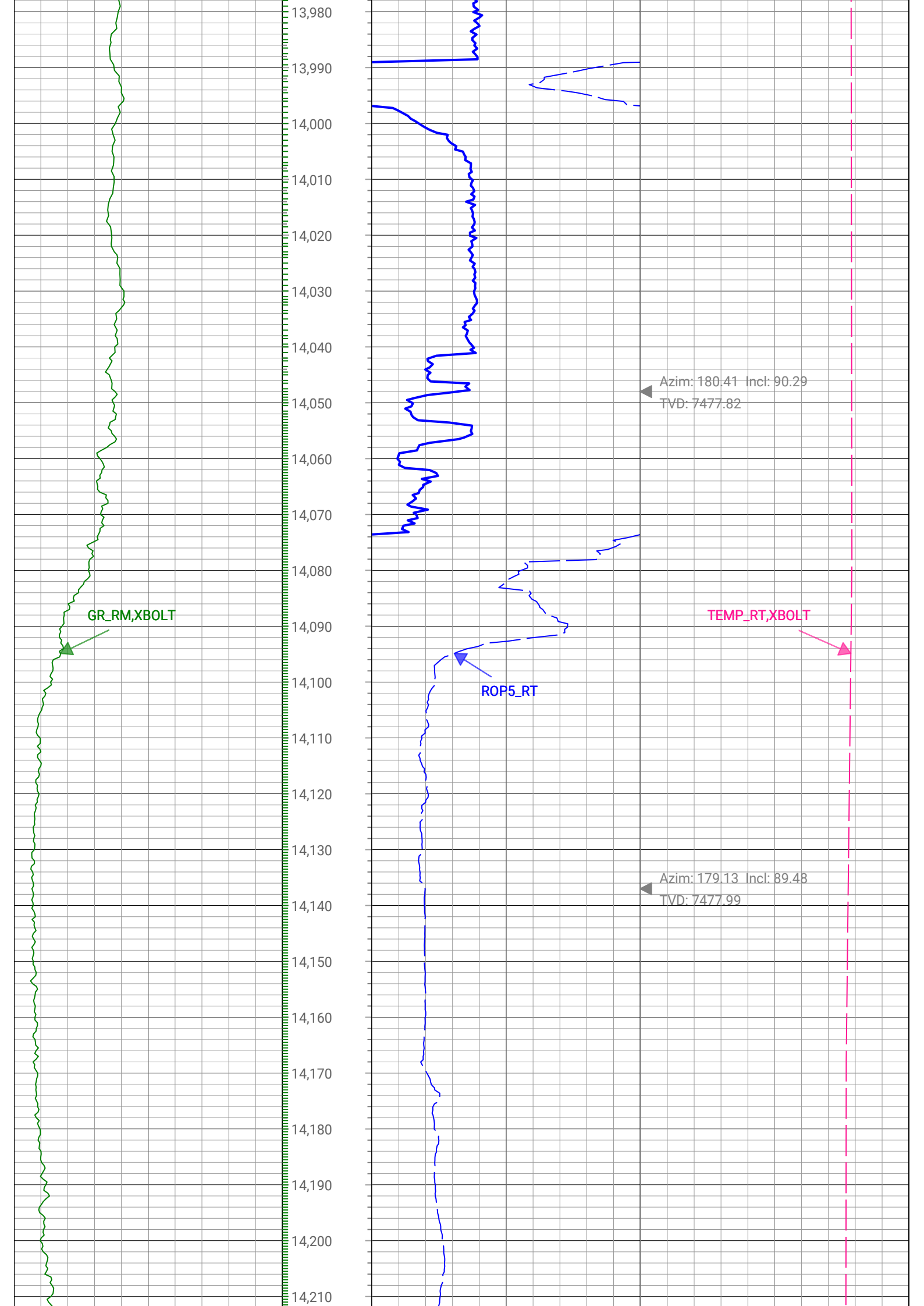
ROP5\_RT

TEMP\_RT, XBOLT

Azim: 181.64 Incl: 90.38  
TVD: 7479.5

Azim: 181.34 Incl: 90.16  
TVD: 7479.07

Azim: 181.66 Incl: 90.58  
TVD: 7478.49



14,220  
14,230  
14,240  
14,250  
14,260  
14,270  
14,280  
14,290  
14,300  
14,310  
14,320  
14,330  
14,340  
14,350  
14,360  
14,370  
14,380  
14,390  
14,400  
14,410  
14,420  
14,430  
14,440

Azim: 179.32 Incl: 89.51  
TVD: 7478.78

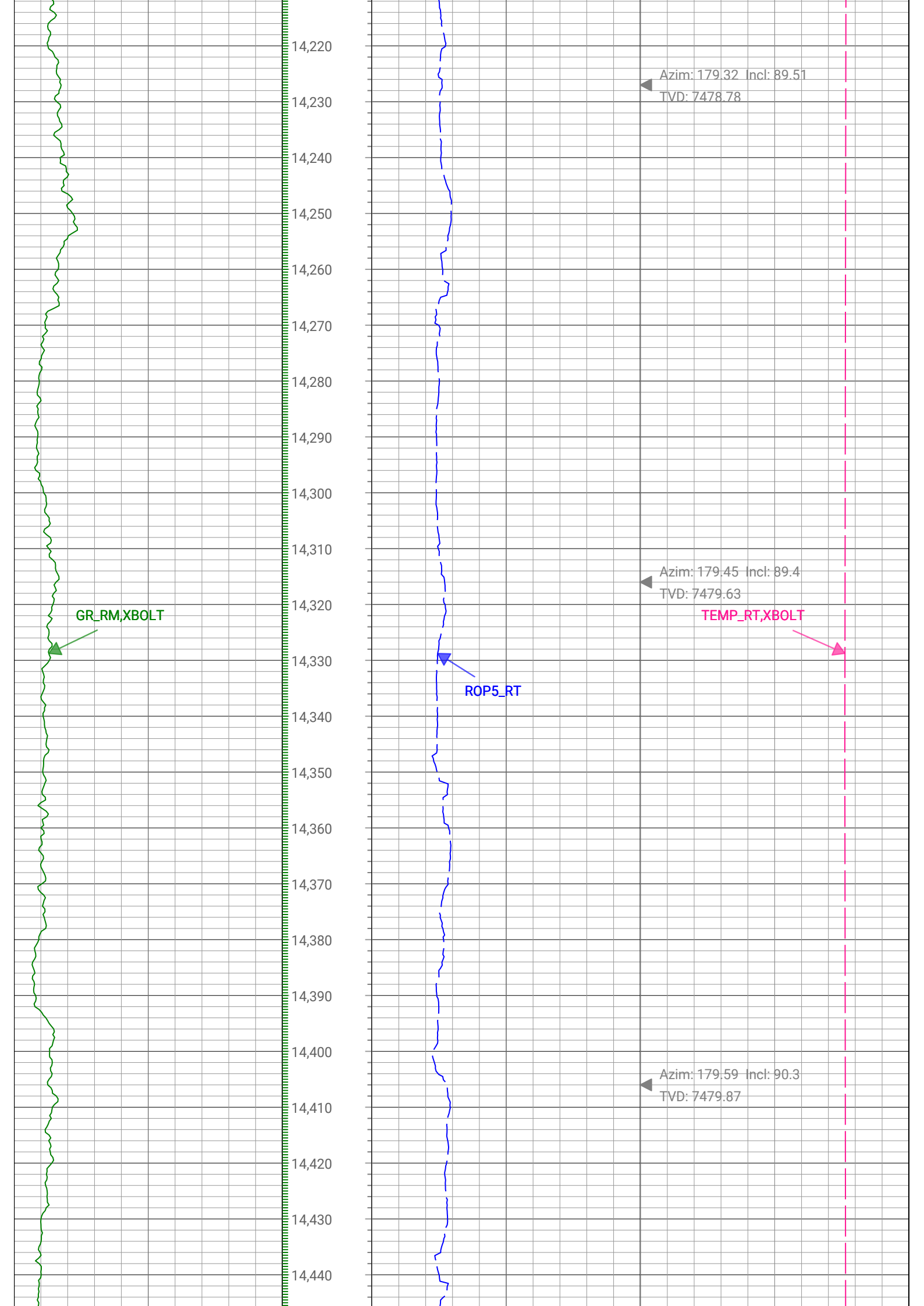
Azim: 179.45 Incl: 89.4  
TVD: 7479.63

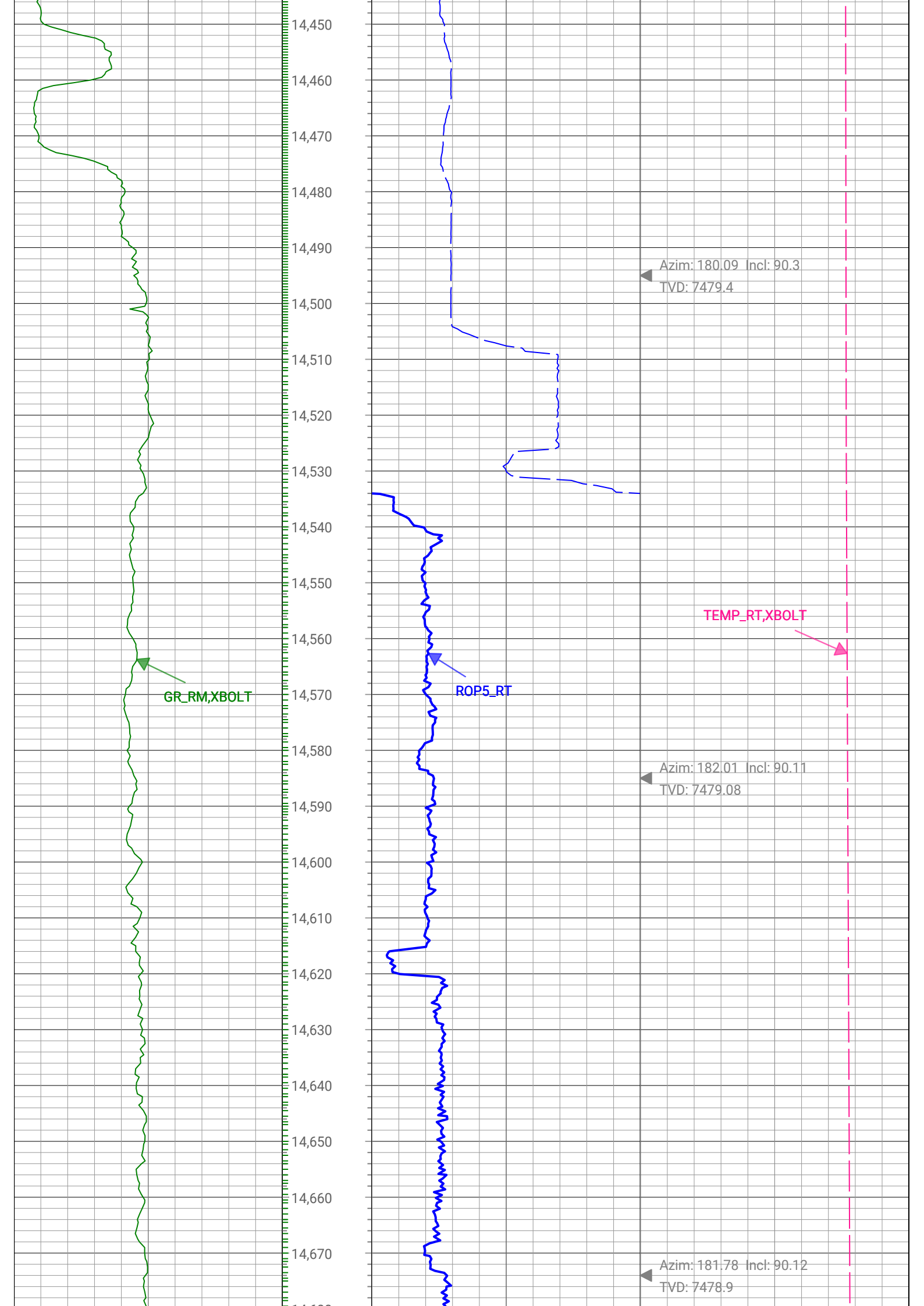
Azim: 179.59 Incl: 90.3  
TVD: 7479.87

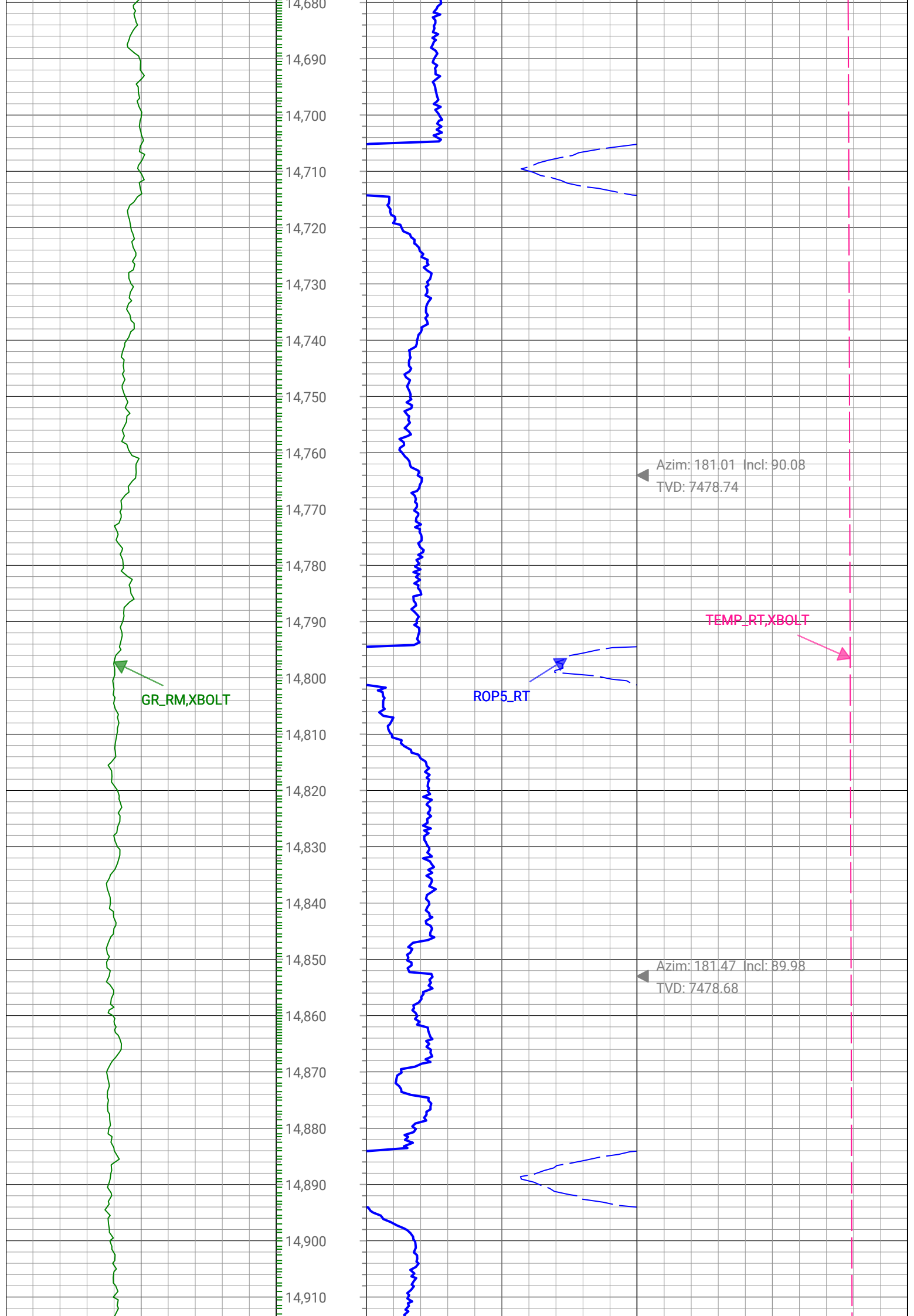
GR\_RM,XBOLT

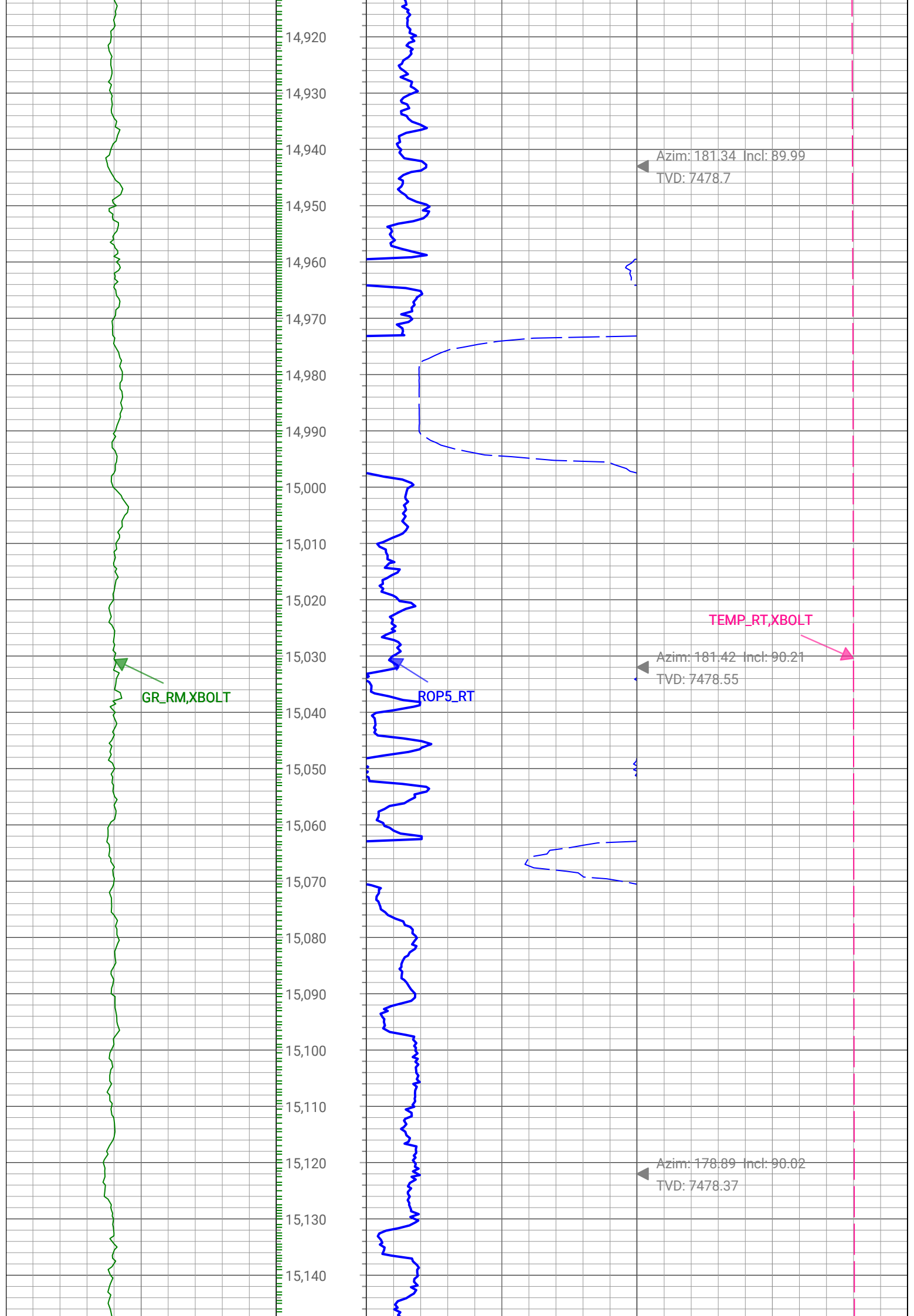
ROP5\_RT

TEMP\_RT,XBOLT









14,920  
14,930  
14,940  
14,950  
14,960  
14,970  
14,980  
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

GR\_RM, XBOLT

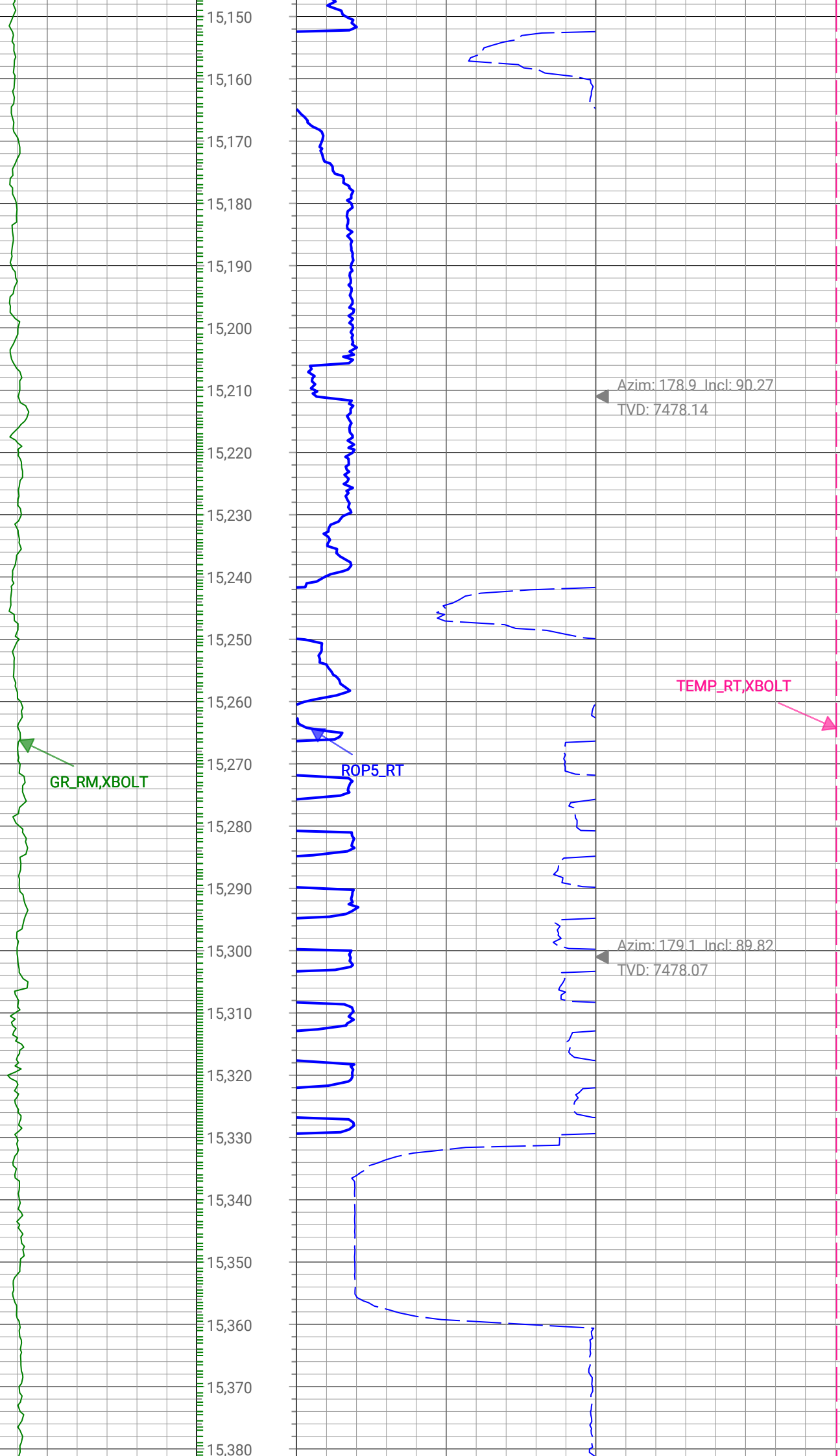
ROP5\_RT

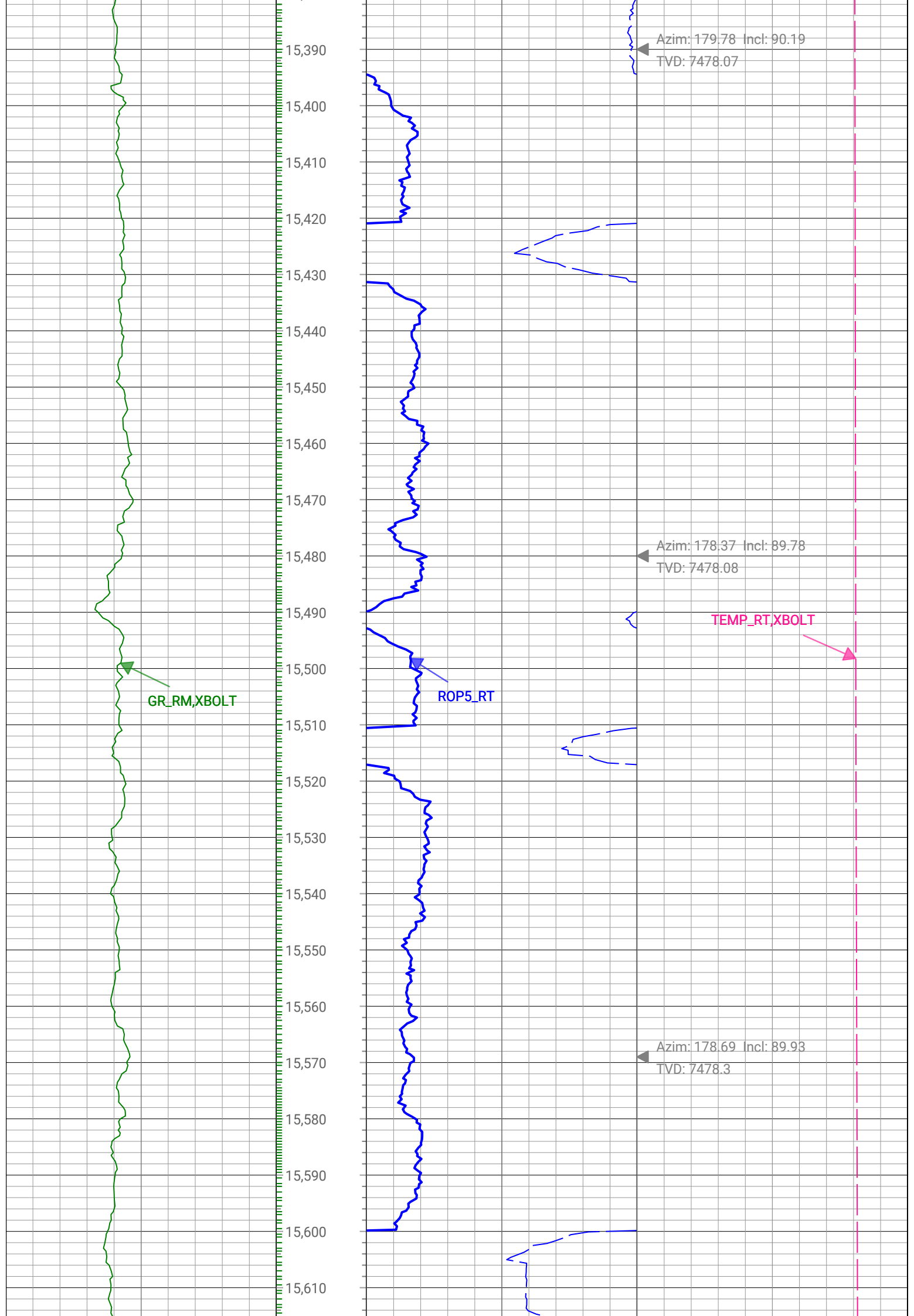
TEMP\_RT, XBOLT

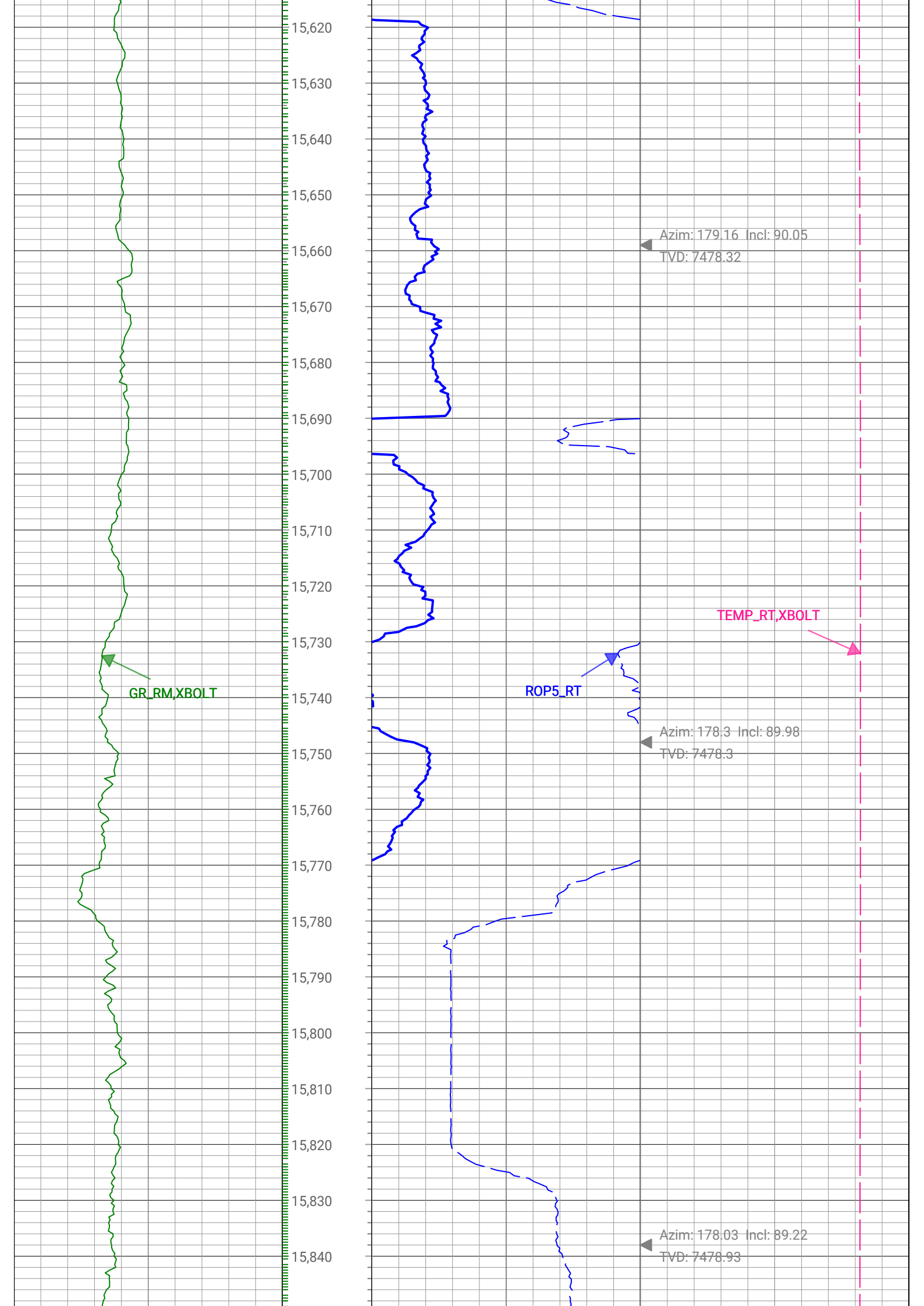
Azim: 181.34 Incl: 89.99  
TVD: 7478.7

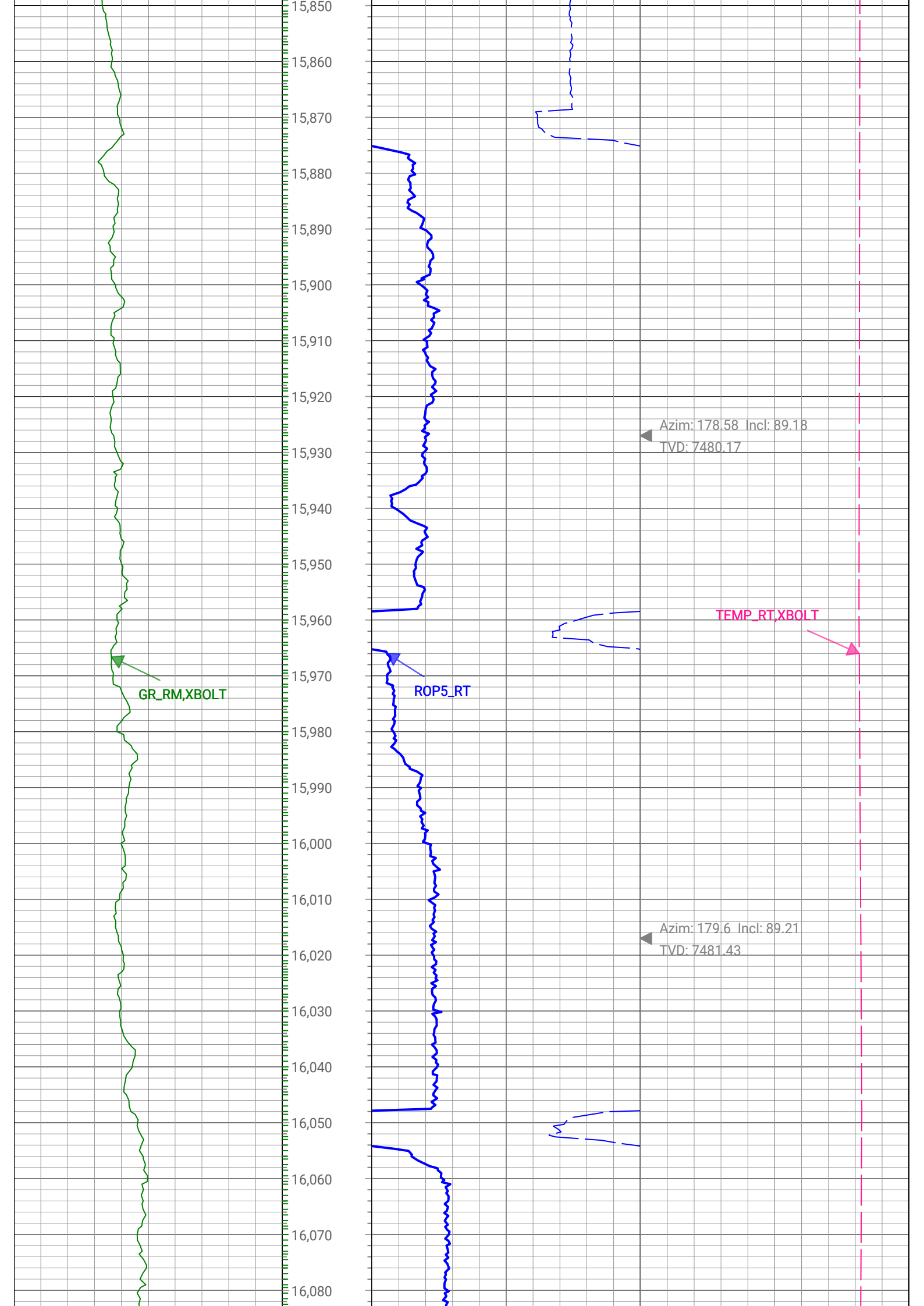
Azim: 181.42 Incl: 90.21  
TVD: 7478.55

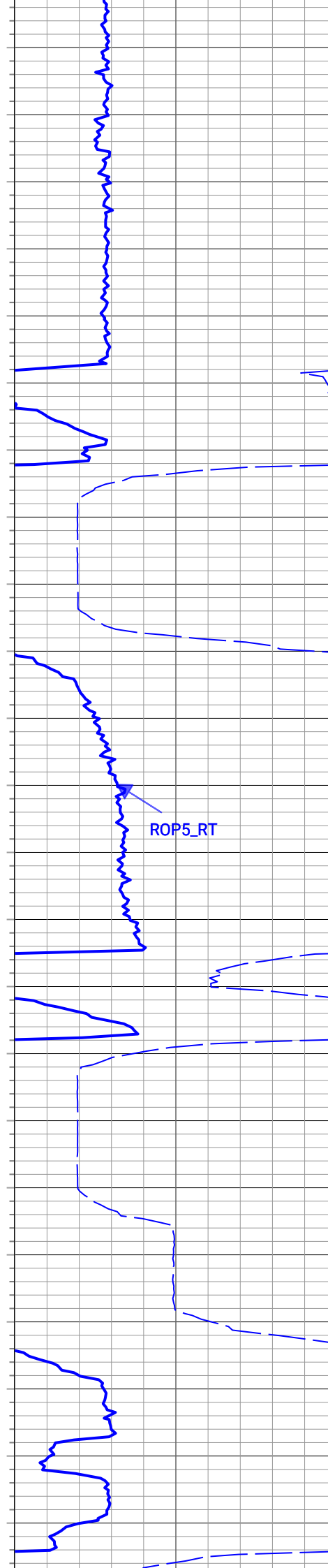
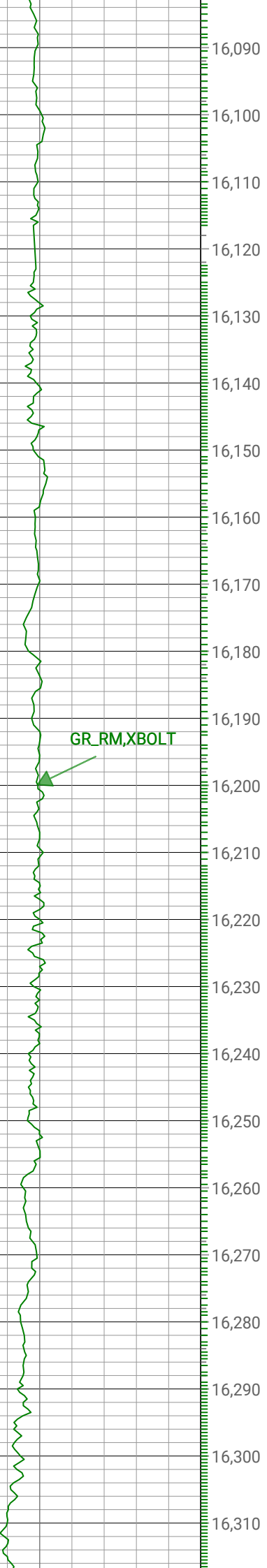
Azim: 178.89 Incl: 90.02  
TVD: 7478.37











▲ Azim: 179.37 Incl: 88.75  
TVD: 7483.02

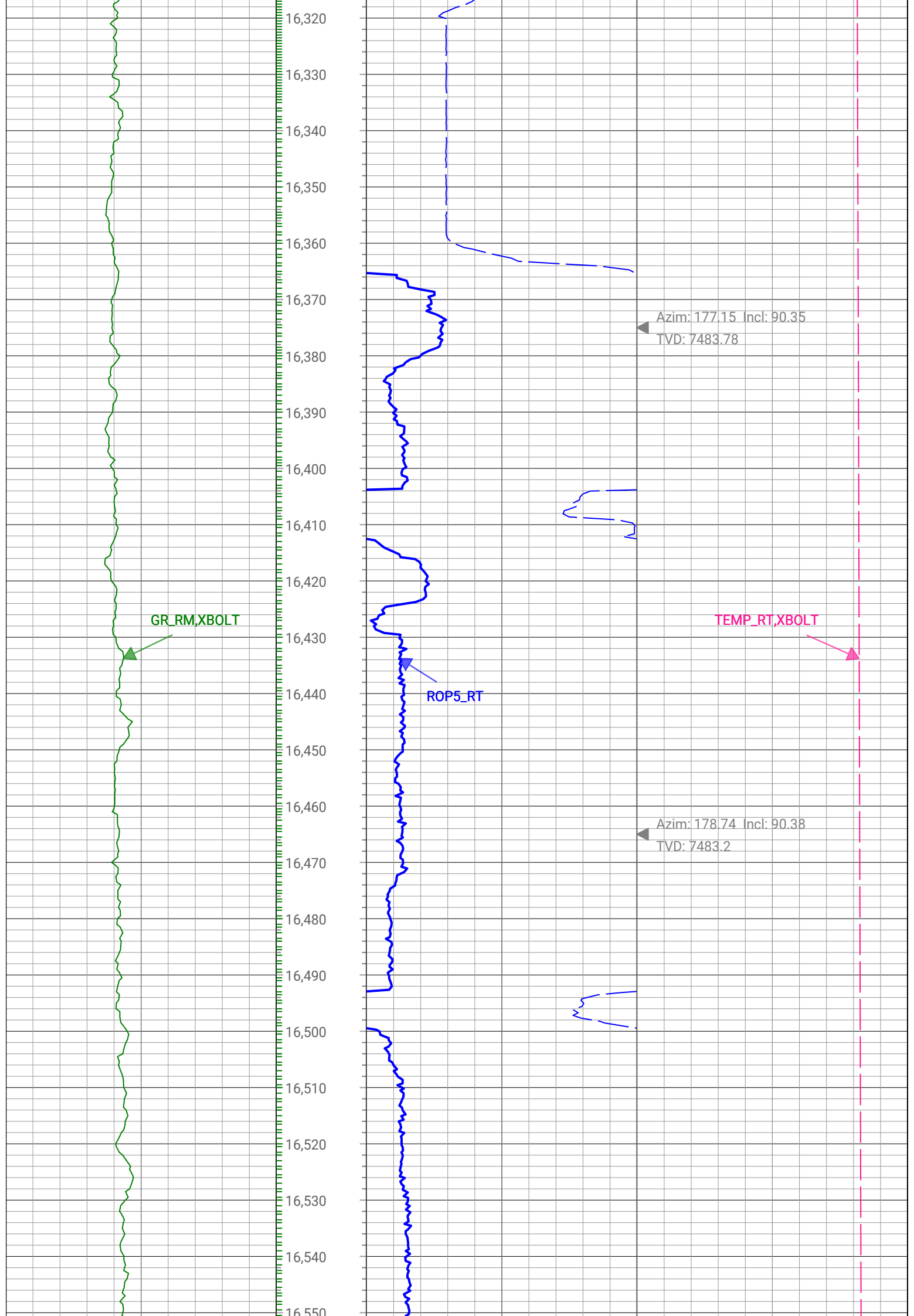
▲ Azim: 178.76 Incl: 89.3  
TVD: 7484.4

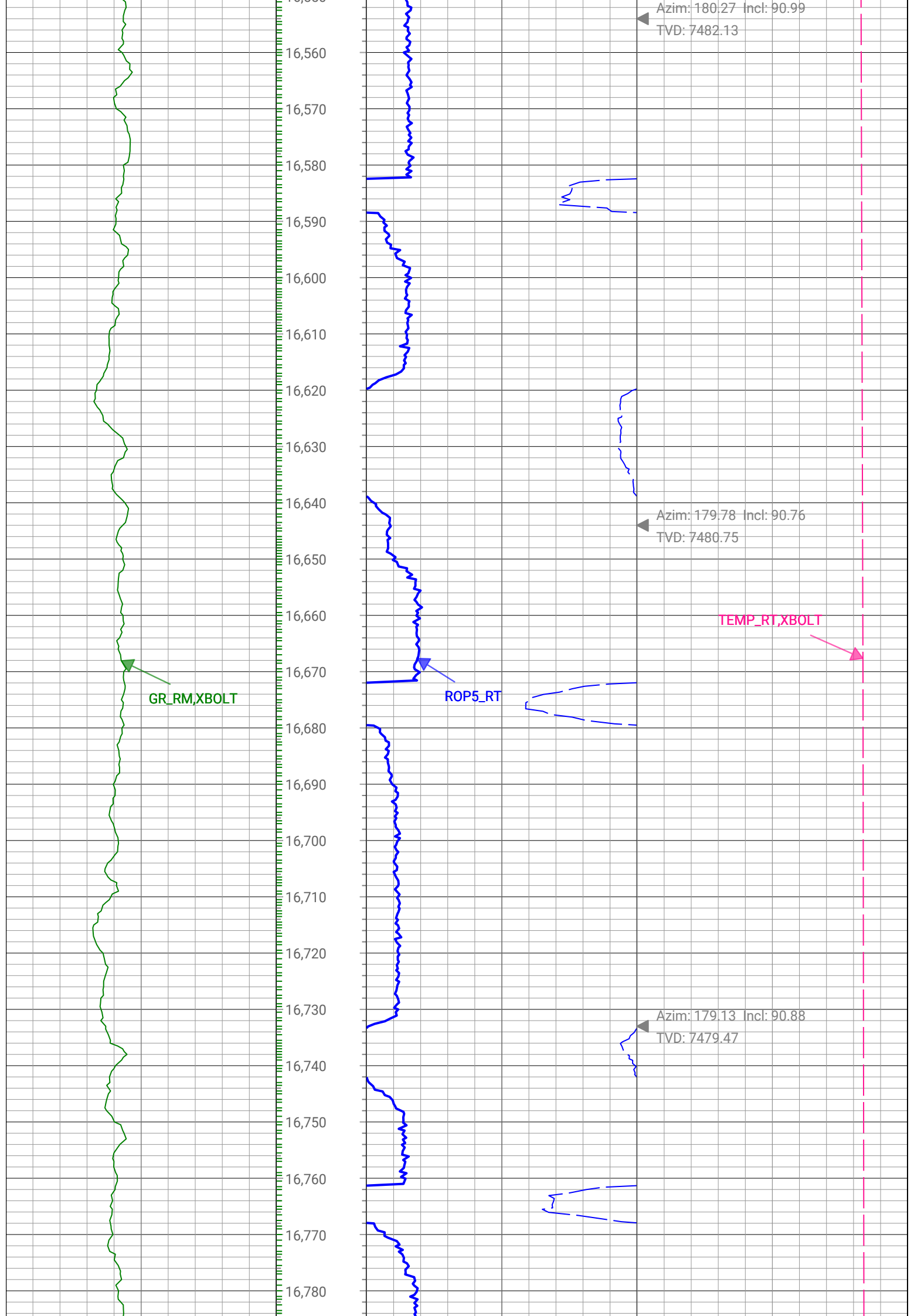
▲ Azim: 179.01 Incl: 90.47  
TVD: 7484.43

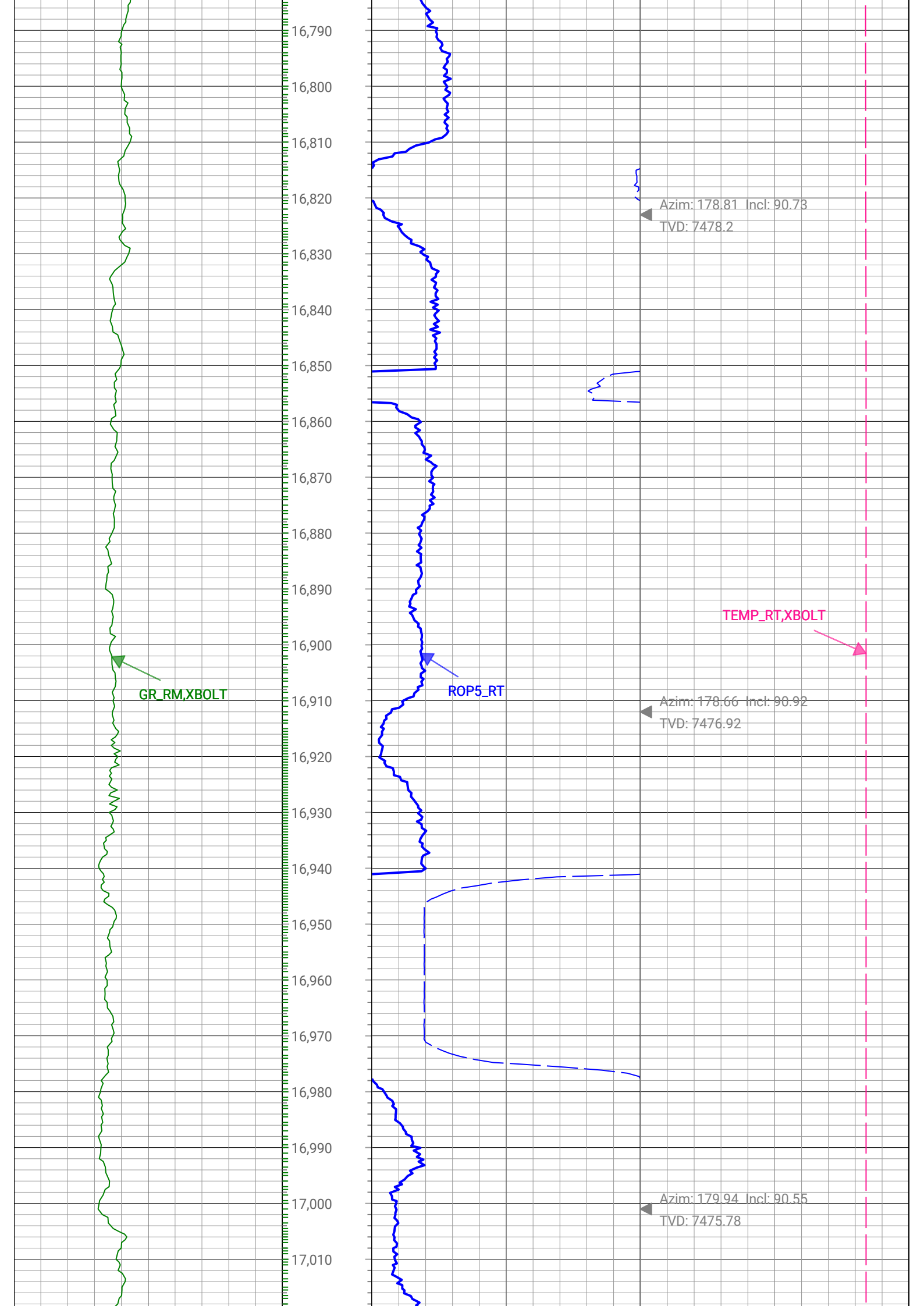
GR\_RM, XBOLT

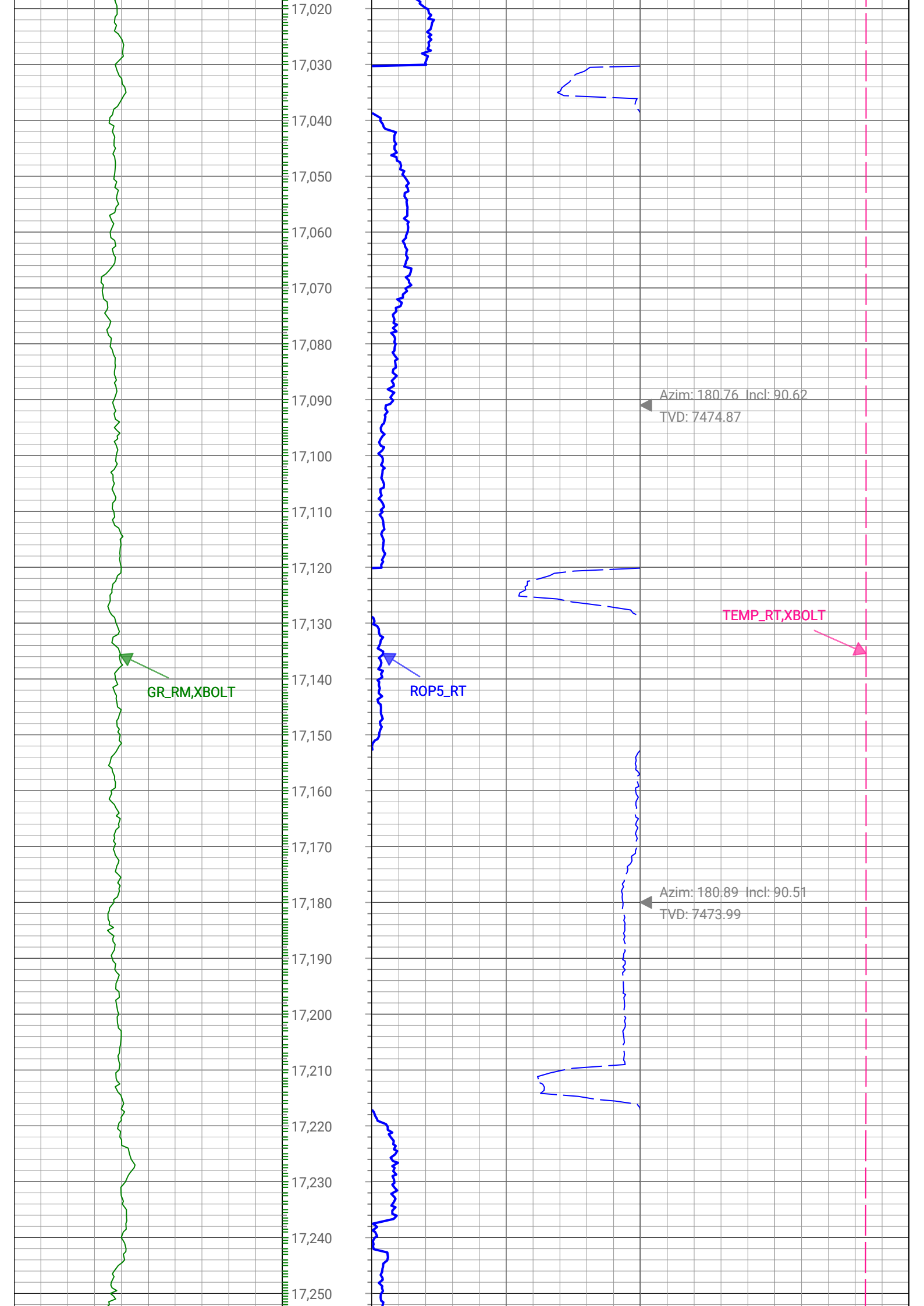
ROP5\_RT

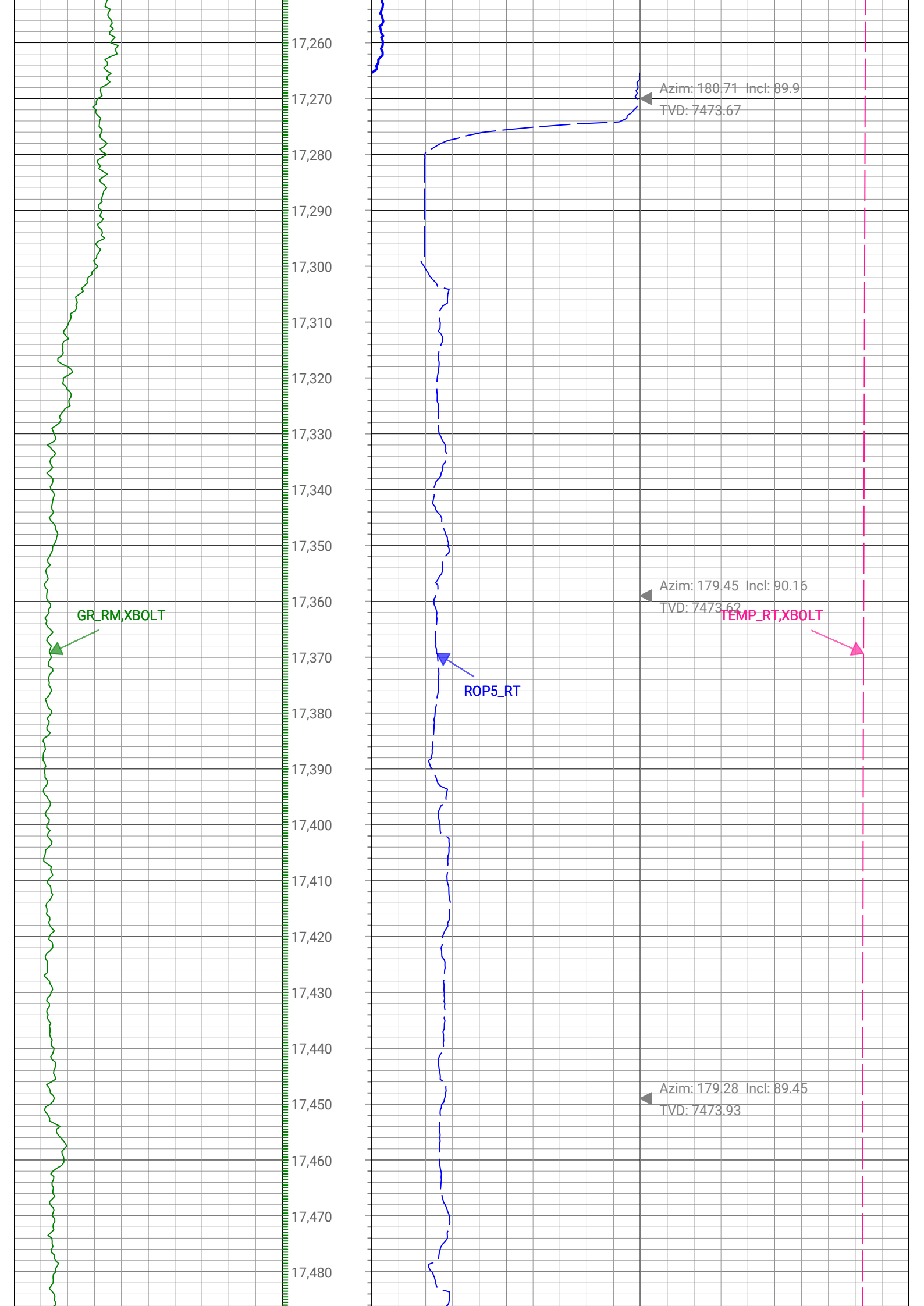
TEMP\_RT, XBOLT











Azim: 180.71 Incl: 89.9  
TVD: 7473.67

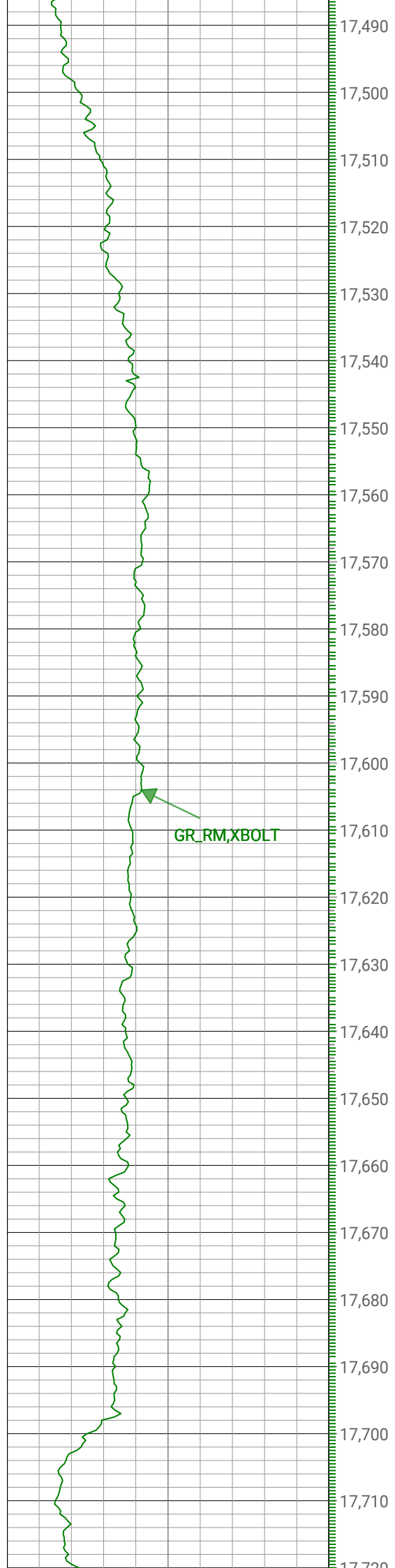
Azim: 179.45 Incl: 90.16  
TVD: 7473.62

Azim: 179.28 Incl: 89.45  
TVD: 7473.93

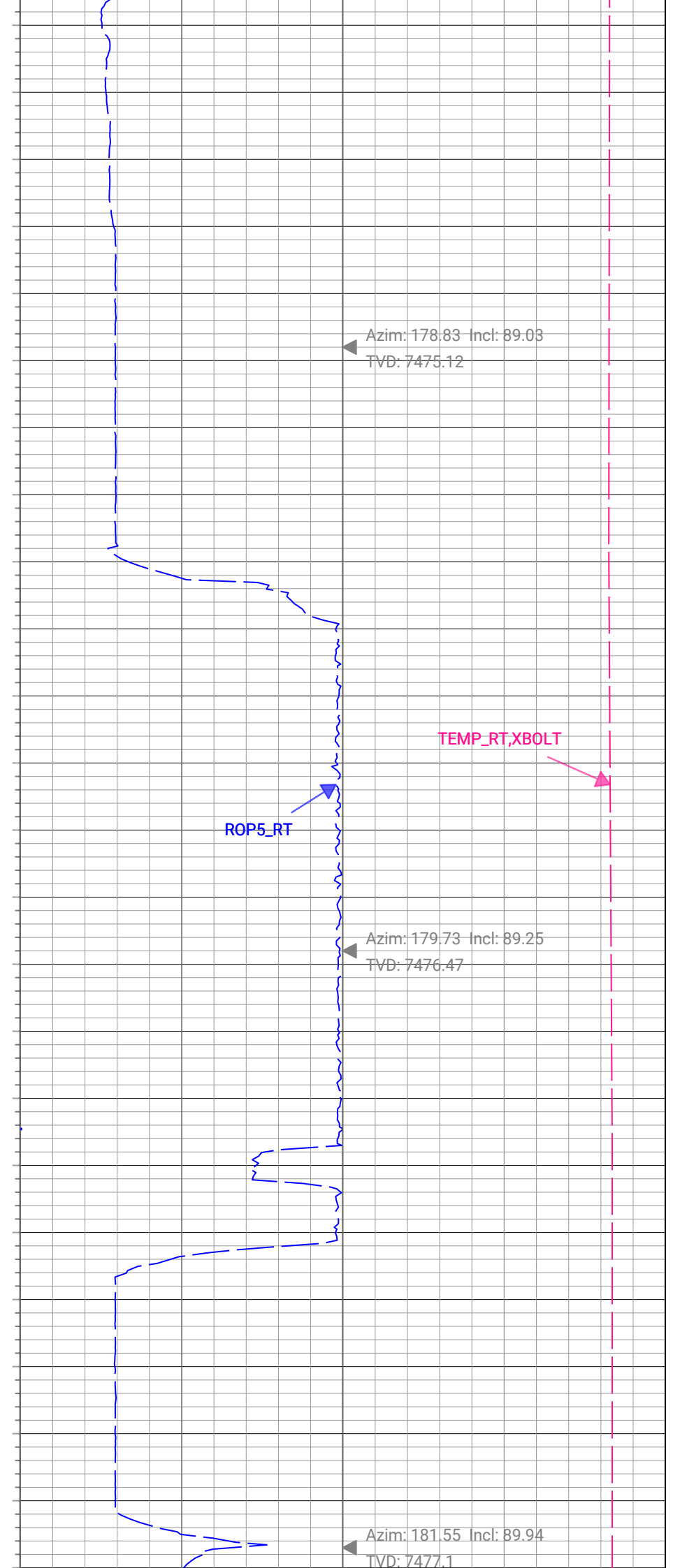
GR\_RM, XBOLT

ROP5\_RT

TEMP\_RT, XBOLT



GR\_RM, XBOLT



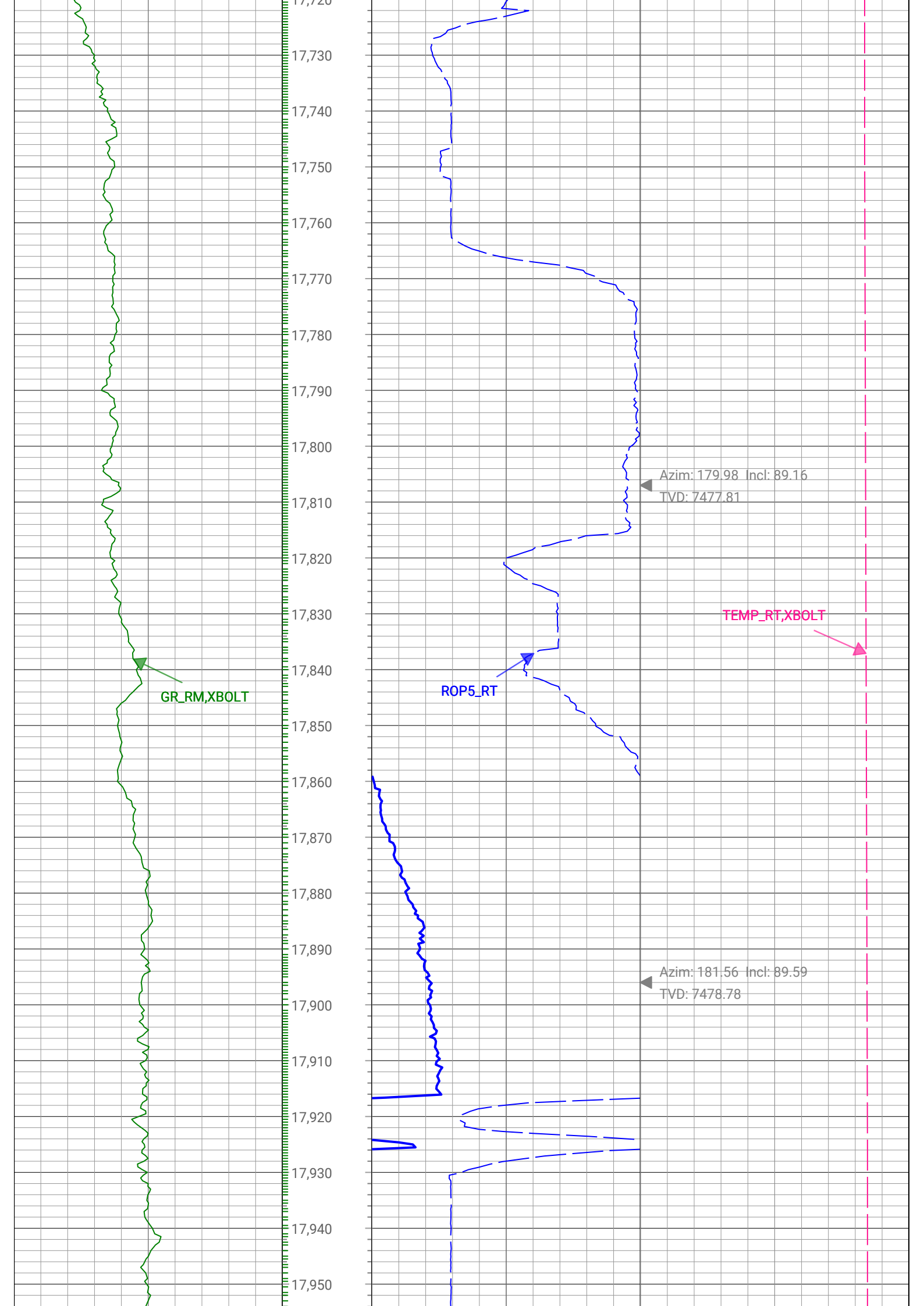
ROP5\_RT

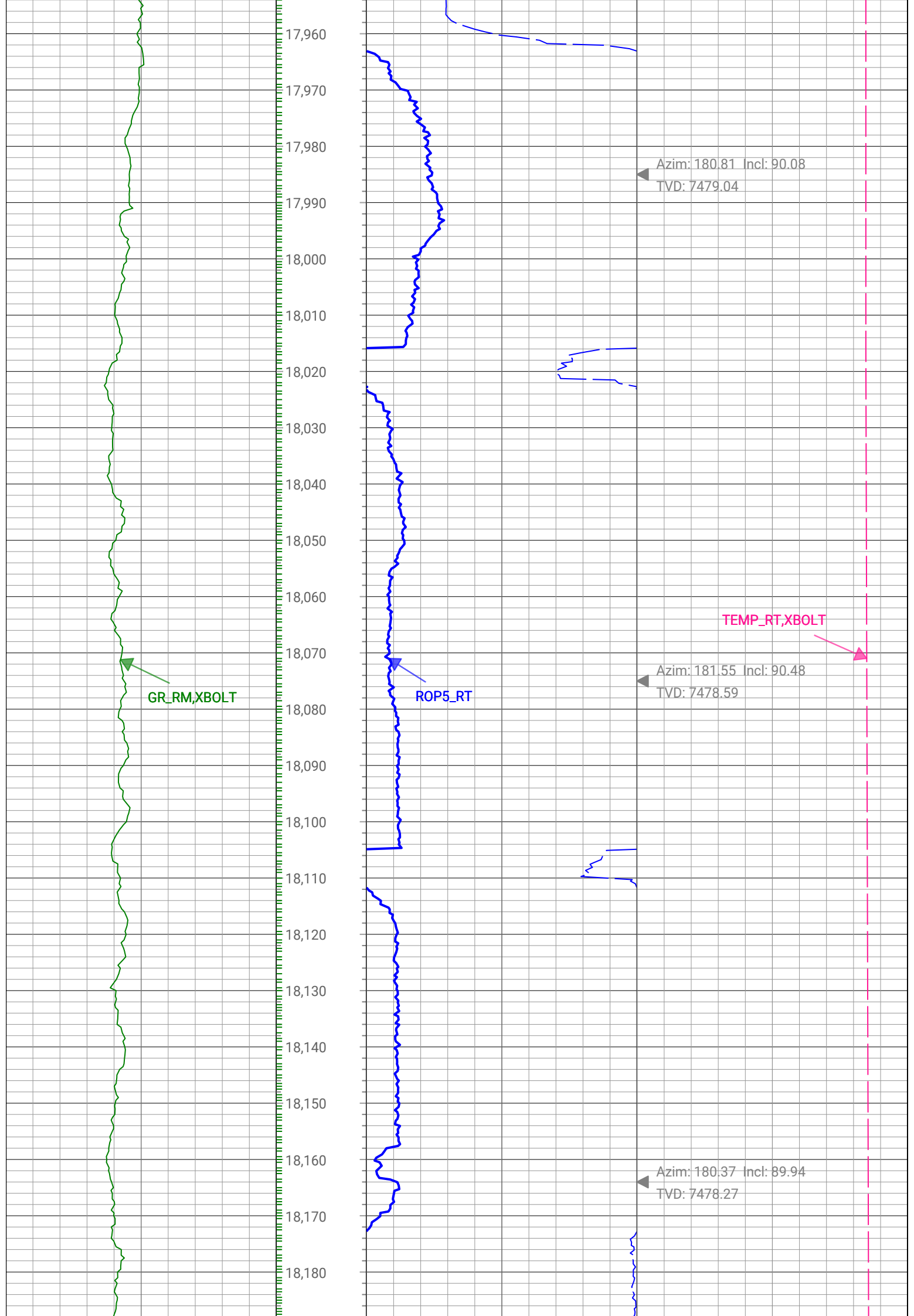
TEMP\_RT, XBOLT

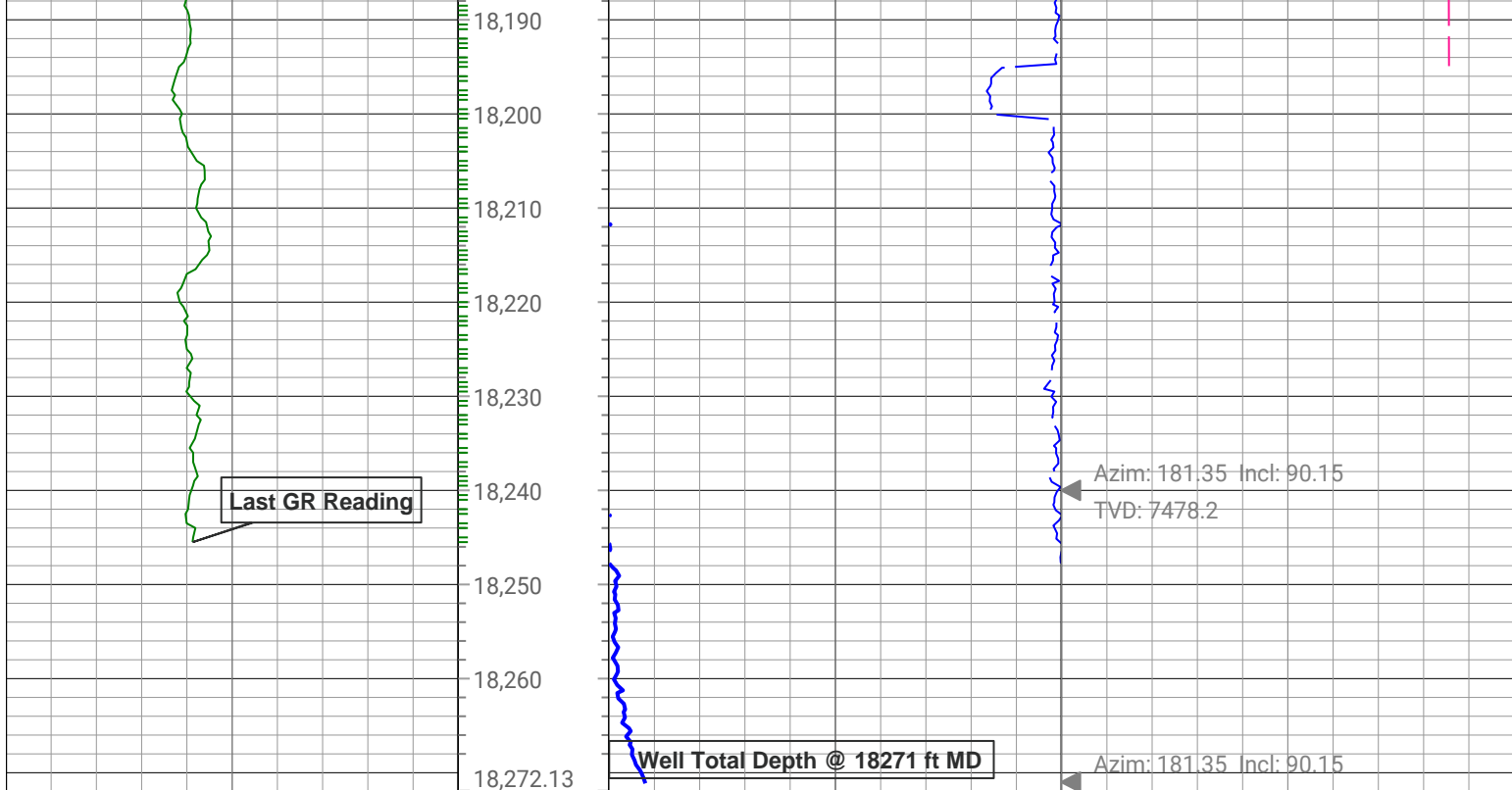
▲ Azim: 178.83 Incl: 89.03  
TVD: 7475.12

▲ Azim: 179.73 Incl: 89.25  
TVD: 7476.47

▲ Azim: 181.55 Incl: 89.94  
TVD: 7477.1







0	GR_RM,XBOLT	300	Depth (ft)	0	ROP5_RT	500	0	TEMP_RT,XBOLT	300
gAPI, Splice				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: 22-Feb-2023

## 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 2023	Geomagnetic Date:	08-Feb-2023 17:00:00
Location B:	51537.96 (nT)	Location G:	998.985 (mgn)
Magnetic Dip:	66.208 (deg)	Magnetic Dec:	7.831 (deg)
Total Correction:	7.831		

### D&I Inits - Run - 2

Geomagnetic Model:	HDGM 2023	Geomagnetic Date:	05-Feb-2023 17:00:00
Location B:	51537.96 (nT)	Location G:	998.985 (mgn)
Magnetic Dip:	66.208 (deg)	Magnetic Dec:	7.831 (deg)
Total Correction:	7.831		

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
8	0	0	8	0	0	0	0	0	0	MWD
88	0.13	97.85	88	0.01	-0.01	0.09	0.16	0.09	97.85	MWD
179	0.09	166.76	179	0.1	-0.1	0.21	0.14	0.23	114.73	MWD
271	0.13	128.79	271	0.23	-0.23	0.31	0.09	0.38	127.1	MWD
362	0.48	137.05	362	0.58	-0.58	0.65	0.39	0.87	131.67	MWD

452	0.53	140.04	451.99	1.17	-1.17	1.17	0.06	1.66	134.99	MWD
541	0.57	108.92	540.99	1.63	-1.63	1.85	0.33	2.47	131.31	MWD
631	2.55	299.65	630.97	0.78	-0.78	0.54	3.46	0.95	145.58	MWD
722	5.45	303.69	721.73	-2.62	2.62	-4.82	3.2	5.48	298.49	MWD
812	6.72	297.36	811.23	-7.43	7.41	-13.05	1.59	15.01	299.57	MWD
902	7.6	292.97	900.53	-12.19	12.15	-23.21	1.15	26.2	297.63	MWD
992	8.83	286.46	989.6	-16.48	16.43	-35.31	1.71	38.95	294.95	MWD
1082	11.82	283.47	1078.13	-20.61	20.53	-50.91	3.37	54.89	291.97	MWD
1172	13.01	283.04	1166.03	-25.08	24.97	-69.74	1.33	74.07	289.7	MWD
1262	15.03	284.44	1253.34	-30.31	30.16	-90.91	2.28	95.79	288.36	MWD
1352	15.69	284.97	1340.13	-36.4	36.22	-113.97	0.75	119.59	287.63	MWD
1442	16.57	284.18	1426.58	-42.72	42.5	-138.17	1.01	144.56	287.1	MWD
1532	16.83	281.81	1512.79	-48.57	48.32	-163.37	0.81	170.36	286.48	MWD
1622	15.73	281.63	1599.18	-53.74	53.44	-188.07	1.22	195.51	285.86	MWD
1712	16.66	283.21	1685.61	-59.18	58.85	-212.58	1.14	220.57	285.47	MWD
1802	15.78	282.86	1772.02	-64.89	64.52	-237.07	0.98	245.69	285.22	MWD
1892	16.7	283.65	1858.43	-70.71	70.3	-261.57	1.05	270.85	285.04	MWD
1982	16.52	282.68	1944.68	-76.61	76.16	-286.62	0.37	296.56	284.88	MWD
2072	16.39	284.62	2030.99	-82.66	82.17	-311.39	0.63	322.05	284.78	MWD
2162	16.17	283.91	2117.38	-88.92	88.39	-335.84	0.33	347.27	284.75	MWD
2252	16.35	284.35	2203.78	-95.11	94.54	-360.27	0.24	372.47	284.7	MWD
2307	15.07	282.68	2256.73	-98.62	98.03	-374.75	2.47	387.36	284.66	MWD
2391	13.59	279.62	2338.11	-102.7	102.07	-395.13	1.98	408.11	284.48	MWD
2480	13.86	278.96	2424.57	-106.13	105.48	-415.97	0.35	429.14	284.23	MWD
2570	14.78	276.51	2511.78	-109.15	108.46	-438.03	1.22	451.26	283.91	MWD
2659	16.14	274.02	2597.55	-111.34	110.62	-461.65	1.7	474.72	283.47	MWD
2749	18.08	271.49	2683.57	-112.62	111.86	-488.1	2.31	500.75	282.91	MWD
2838	20.2	267.81	2767.64	-112.44	111.63	-517.27	2.74	529.18	282.18	MWD
2928	23.02	265.35	2851.31	-110.48	109.61	-550.34	3.29	561.15	281.26	MWD
3017	24.83	264.68	2932.66	-107.39	106.47	-586.29	2.06	595.88	280.29	MWD
3107	25.4	265.68	3014.15	-104.24	103.26	-624.35	0.79	632.83	279.39	MWD
3197	25.55	266.75	3095.4	-101.75	100.71	-662.98	0.54	670.58	278.64	MWD
3286	25.47	267.16	3175.73	-99.77	98.67	-701.26	0.23	708.16	278.01	MWD
3376	25.68	267.68	3256.91	-98.09	96.93	-740.07	0.34	746.39	277.46	MWD
3465	25.53	267.21	3337.17	-96.43	95.21	-778.49	0.29	784.29	276.97	MWD
3555	25.33	267.49	3418.45	-94.71	93.42	-817.1	0.26	822.42	276.52	MWD
3644	25.51	267.51	3498.83	-93.1	91.76	-855.27	0.2	860.17	276.12	MWD
3733	25.37	267.43	3579.2	-91.47	90.07	-893.46	0.16	897.99	275.76	MWD
3823	25.03	266.62	3660.64	-89.54	88.08	-931.72	0.53	935.88	275.4	MWD
3912	25.08	267.65	3741.26	-87.72	86.19	-969.36	0.49	973.19	275.08	MWD
4002	25.61	267.21	3822.6	-86.05	84.46	-1007.85	0.63	1011.38	274.79	MWD
4091	25.54	267.69	3902.88	-84.4	82.75	-1046.23	0.25	1049.5	274.52	MWD
4181	25.4	267.89	3984.13	-82.97	81.26	-1084.91	0.19	1087.95	274.28	MWD
4270	23.98	268.8	4065	-81.94	80.18	-1122.06	1.65	1124.92	274.09	MWD
4360	23.84	266.89	4147.27	-80.63	78.81	-1158.51	0.87	1161.19	273.89	MWD
4450	25.59	267.57	4229.03	-78.88	77	-1196.1	1.97	1198.57	273.68	MWD
4539	25.57	267.62	4309.3	-77.33	75.39	-1234.49	0.03	1236.79	273.49	MWD
4629	25.54	267.62	4390.5	-75.78	73.78	-1273.28	0.04	1275.41	273.32	MWD
4718	25.69	267.89	4470.75	-74.33	72.27	-1311.72	0.21	1313.71	273.15	MWD
4808	25.64	267.77	4551.87	-72.91	70.79	-1350.67	0.08	1352.53	273	MWD

4897	25.13	267.73	4632.28	-71.47	69.29	-1388.8	0.57	1390.53	272.86	MWD
4987	25.72	268.21	4713.56	-70.17	67.93	-1427.42	0.69	1429.03	272.72	MWD
5076	25.75	267.71	4793.73	-68.85	66.55	-1466.04	0.25	1467.55	272.6	MWD
5166	25.29	267.78	4874.95	-67.39	65.02	-1504.79	0.51	1506.19	272.47	MWD
5255	25.76	267.96	4955.26	-66.02	63.6	-1543.11	0.54	1544.42	272.36	MWD
5345	25.67	267.59	5036.35	-64.56	62.08	-1582.14	0.21	1583.35	272.25	MWD
5434	25.55	268.28	5116.6	-63.24	60.69	-1620.58	0.37	1621.72	272.14	MWD
5524	25.05	268.41	5197.97	-62.19	59.58	-1659.02	0.56	1660.09	272.06	MWD
5613	26	267.03	5278.29	-60.71	58.05	-1697.34	1.26	1698.33	271.96	MWD
5702	25.77	267.36	5358.36	-58.87	56.14	-1736.15	0.31	1737.05	271.85	MWD
5792	25.19	268.29	5439.61	-57.46	54.67	-1774.83	0.78	1775.67	271.76	MWD
5882	25.72	268.71	5520.87	-56.51	53.66	-1813.5	0.62	1814.29	271.69	MWD
5971	26.05	266.61	5600.95	-54.98	52.07	-1852.31	1.1	1853.04	271.61	MWD
6060	25.65	266.57	5681.04	-52.73	49.76	-1891.04	0.44	1891.7	271.51	MWD
6150	25.92	266.36	5762.08	-50.38	47.35	-1930.12	0.31	1930.7	271.41	MWD
6240	25.72	266.17	5843.09	-47.89	44.8	-1969.23	0.24	1969.74	271.3	MWD
6329	25.48	266.42	5923.36	-45.47	42.31	-2007.61	0.3	2008.05	271.21	MWD
6419	25.15	265.56	6004.72	-42.84	39.62	-2046	0.55	2046.38	271.11	MWD
6508	25.62	266.46	6085.12	-40.25	36.97	-2084.06	0.69	2084.39	271.02	MWD
6598	25.97	266.62	6166.15	-37.94	34.61	-2123.15	0.39	2123.43	270.93	MWD
6687	24.76	266.56	6246.57	-35.73	32.34	-2161.21	1.35	2161.45	270.86	MWD
6777	25.22	265.08	6328.14	-33.02	29.56	-2199.13	0.86	2199.33	270.77	MWD
6866	25.74	266.11	6408.49	-30.14	26.63	-2237.3	0.76	2237.46	270.68	MWD
6956	25.67	266.07	6489.58	-27.54	23.97	-2276.25	0.07	2276.37	270.6	MWD
7045	24.96	266.78	6570.04	-25.23	21.59	-2314.23	0.87	2314.33	270.53	MWD
7134	25.26	265.54	6650.62	-22.75	19.06	-2351.91	0.69	2351.99	270.46	MWD
7224	24.97	266.68	6732.11	-20.22	16.46	-2390.03	0.63	2390.08	270.39	MWD
7313	23.7	264.21	6813.2	-17.38	13.57	-2426.58	1.83	2426.62	270.32	MWD
7403	23.34	254.91	6895.76	-10.97	7.1	-2461.8	4.14	2461.81	270.17	MWD
7492	22.68	240.87	6977.74	1.93	-5.85	-2493.84	6.2	2493.84	269.87	MWD
7582	26.53	227.4	7059.61	23.96	-27.92	-2523.83	7.53	2523.98	269.37	MWD
7680	29.9	215.95	7146.02	58.53	-62.55	-2554.31	6.49	2555.08	268.6	MWD
7784	38.39	209.1	7232.05	107.79	-111.85	-2585.31	8.95	2587.72	267.52	MWD
7874	47.3	206.31	7297.98	161.92	-166.03	-2613.62	10.11	2618.88	266.37	MWD
7963	56.07	205.99	7353.1	224.5	-228.66	-2644.35	9.87	2654.22	265.06	MWD
8053	64.69	199.73	7397.57	296.5	-300.7	-2674.53	11.31	2691.38	263.59	MWD
8142	68.96	194.52	7432.61	374.62	-378.86	-2698.55	7.22	2725.01	262.01	MWD
8232	73.04	190.93	7461.9	457.57	-461.84	-2717.25	5.9	2756.22	260.35	MWD
8321	78.49	187.29	7483.78	542.69	-546.98	-2730.86	7.3	2785.1	258.67	MWD
8411	86.07	180.31	7495.87	631.55	-635.85	-2736.72	11.39	2809.61	256.92	MWD
8500	89.97	180.71	7498.95	720.47	-724.77	-2737.51	4.4	2831.83	255.17	MWD
8590	90.38	180.98	7498.68	810.46	-814.76	-2738.83	0.55	2857.45	253.43	MWD
8679	90.21	181.76	7498.22	899.43	-903.73	-2740.96	0.9	2886.11	251.75	MWD
8768	90.55	182.65	7497.64	988.35	-992.67	-2744.39	1.07	2918.4	250.11	MWD
8858	91.16	180.9	7496.29	1078.29	-1082.61	-2747.18	2.06	2952.8	248.49	MWD
8947	90.44	180.39	7495.05	1167.27	-1171.59	-2748.18	0.99	2987.5	246.91	MWD
9037	90.28	179.65	7494.48	1257.27	-1261.59	-2748.22	0.85	3023.96	245.34	MWD
9126	91.11	179.08	7493.4	1346.26	-1350.58	-2747.23	1.13	3061.26	243.82	MWD
9215	90.95	179.23	7491.8	1435.24	-1439.55	-2745.91	0.24	3100.37	242.33	MWD
9305	91.08	180.12	7490.2	1525.22	-1529.54	-2745.4	1.01	3142.72	240.88	MWD

9394	91.02	179.65	7488.57	1614.21	-1618.52	-2745.22	0.53	3186.83	239.48	MWD
9484	91.08	180.42	7486.92	1704.19	-1708.51	-2745.28	0.86	3233.5	238.1	MWD
9573	91.15	179.78	7485.18	1793.17	-1797.49	-2745.43	0.72	3281.52	236.79	MWD
9663	91.01	179.16	7483.49	1883.15	-1887.47	-2744.6	0.7	3330.97	235.48	MWD
9752	90.32	179.2	7482.46	1972.14	-1976.45	-2743.34	0.77	3381.16	234.23	MWD
9841	90.14	178.12	7482.1	2061.12	-2065.43	-2741.26	1.23	3432.27	233	MWD
9931	90.07	178.24	7481.93	2151.08	-2155.38	-2738.4	0.15	3484.9	231.79	MWD
10021	90.23	178.18	7481.7	2241.04	-2245.34	-2735.59	0.19	3539.07	230.62	MWD
10110	89.42	179.25	7481.97	2330.01	-2334.31	-2733.6	1.52	3594.66	229.5	MWD
10200	89.39	178.72	7482.91	2420	-2424.29	-2732	0.6	3652.54	228.42	MWD
10289	89.32	179.19	7483.91	2508.98	-2513.27	-2730.38	0.53	3711	227.37	MWD
10379	89.45	180.86	7484.87	2598.97	-2603.26	-2730.42	1.87	3772.55	226.37	MWD
10469	89.39	181.5	7485.78	2688.94	-2693.24	-2732.27	0.71	3836.52	225.41	MWD
10558	89.28	181.3	7486.81	2777.91	-2782.21	-2734.45	0.26	3901.01	224.5	MWD
10648	89.68	182.39	7487.63	2867.85	-2872.15	-2737.35	1.28	3967.66	223.62	MWD
10737	89.83	182.37	7488.02	2956.77	-2961.08	-2741.04	0.17	4035.01	222.79	MWD
10827	89.9	180.42	7488.23	3046.73	-3051.05	-2743.23	2.17	4102.95	221.96	MWD
10916	90.59	181.02	7487.85	3135.72	-3140.04	-2744.34	1.03	4170.28	221.15	MWD
11006	90.02	181.31	7487.36	3225.7	-3230.02	-2746.17	0.71	4239.63	220.37	MWD
11096	89.82	179.84	7487.49	3315.69	-3320.01	-2747.07	1.66	4309.16	219.61	MWD
11185	90.71	180.13	7487.08	3404.69	-3409.01	-2747.04	1.06	4378.08	218.86	MWD
11275	90.77	180.34	7485.92	3494.68	-3499	-2747.41	0.25	4448.74	218.14	MWD
11364	90.66	180.55	7484.81	3583.67	-3587.99	-2748.11	0.27	4519.49	217.45	MWD
11453	90.55	179.54	7483.87	3672.66	-3676.98	-2748.18	1.15	4590.5	216.77	MWD
11543	90.62	180.61	7482.96	3762.66	-3766.98	-2748.29	1.2	4662.96	216.11	MWD
11633	90.4	179.88	7482.16	3852.65	-3856.97	-2748.68	0.85	4736.19	215.48	MWD
11722	90.09	179.3	7481.78	3941.65	-3945.97	-2748.04	0.74	4808.57	214.85	MWD
11812	90.21	180.68	7481.54	4031.64	-4035.97	-2748.02	1.54	4882.69	214.25	MWD
11901	89.78	179.16	7481.55	4120.64	-4124.96	-2747.9	1.78	4956.44	213.67	MWD
11991	88.92	178.5	7482.58	4210.62	-4214.94	-2746.06	1.2	5030.56	213.08	MWD
12080	89.36	179.3	7483.91	4299.59	-4303.91	-2744.35	1.03	5104.42	212.52	MWD
12170	90.4	180.86	7484.1	4389.59	-4393.91	-2744.47	2.08	5180.59	211.99	MWD
12259	90.19	179.2	7483.64	4478.58	-4482.9	-2744.51	1.88	5256.31	211.48	MWD
12349	90.03	179.35	7483.46	4568.58	-4572.89	-2743.37	0.25	5332.68	210.96	MWD
12438	90.06	179.38	7483.39	4657.57	-4661.89	-2742.39	0.05	5408.69	210.47	MWD
12528	90.04	179.72	7483.31	4747.57	-4751.89	-2741.68	0.38	5486.1	209.98	MWD
12617	90.25	179.66	7483.08	4836.57	-4840.88	-2741.2	0.25	5563.12	209.52	MWD
12707	90.04	179.12	7482.85	4926.57	-4930.88	-2740.25	0.65	5641.15	209.06	MWD
12796	90.28	180.67	7482.61	5015.56	-5019.87	-2740.09	1.76	5719.02	208.63	MWD
12885	90.05	179.78	7482.36	5104.56	-5108.87	-2740.44	1.03	5797.47	208.21	MWD
12975	89.92	180.43	7482.38	5194.56	-5198.87	-2740.61	0.73	5877.01	207.8	MWD
13064	90.06	179.74	7482.39	5283.56	-5287.87	-2740.75	0.79	5955.95	207.4	MWD
13154	90.18	179.89	7482.2	5373.56	-5377.87	-2740.46	0.21	6035.86	207	MWD
13243	90.27	179.53	7481.85	5462.56	-5466.87	-2740	0.41	6115.09	206.62	MWD
13332	90.03	178.74	7481.61	5551.55	-5555.86	-2738.66	0.92	6194.18	206.24	MWD
13422	90.45	179.87	7481.23	5641.54	-5645.85	-2737.58	1.34	6274.55	205.87	MWD
13511	90.29	179.65	7480.65	5730.54	-5734.85	-2737.2	0.31	6354.58	205.51	MWD
13601	90.46	181.61	7480.06	5820.53	-5824.83	-2738.19	2.19	6436.33	205.18	MWD
13690	89.94	181.25	7479.75	5909.49	-5913.81	-2740.41	0.71	6517.89	204.86	MWD
13780	90.28	181.64	7479.5	5999.46	-5993.78	-2742.67	0.66	6600.57	204.55	MWD

13780	90.38	181.04	7479.3	5999.48	-0003.78	-2742.07	0.88	6600.37	204.33	MWD
13869	90.16	181.34	7479.07	6088.43	-6092.74	-2744.99	0.41	6682.55	204.25	MWD
13959	90.58	181.66	7478.49	6178.39	-6182.71	-2747.35	0.58	6765.64	203.96	MWD
14048	90.29	180.41	7477.82	6267.37	-6271.69	-2748.96	1.44	6847.69	203.67	MWD
14137	89.48	179.13	7477.99	6356.36	-6360.69	-2748.6	1.7	6929.15	203.37	MWD
14227	89.51	179.32	7478.78	6446.35	-6450.68	-2747.39	0.21	7011.37	203.07	MWD
14316	89.4	179.45	7479.63	6535.35	-6539.67	-2746.43	0.19	7092.97	202.78	MWD
14406	90.3	179.59	7479.87	6625.34	-6629.66	-2745.68	1.01	7175.74	202.5	MWD
14495	90.3	180.09	7479.4	6714.34	-6718.66	-2745.44	0.56	7257.95	202.23	MWD
14585	90.11	182.01	7479.08	6804.32	-6808.64	-2747.09	2.14	7341.94	201.97	MWD
14674	90.12	181.78	7478.9	6893.27	-6897.59	-2750.03	0.26	7425.6	201.74	MWD
14764	90.08	181.01	7478.74	6983.23	-6987.57	-2752.22	0.85	7510.05	201.5	MWD
14853	89.98	181.47	7478.68	7072.21	-7076.54	-2754.15	0.53	7593.6	201.27	MWD
14943	89.99	181.34	7478.7	7162.18	-7166.52	-2756.36	0.15	7678.31	201.04	MWD
15032	90.21	181.42	7478.55	7251.15	-7255.49	-2758.5	0.26	7762.18	200.82	MWD
15122	90.02	178.89	7478.37	7341.14	-7345.48	-2758.75	2.82	7846.45	200.58	MWD
15211	90.27	178.9	7478.14	7430.13	-7434.47	-2757.03	0.28	7929.22	200.35	MWD
15301	89.82	179.1	7478.07	7520.12	-7524.45	-2755.47	0.55	8013.11	200.11	MWD
15390	90.19	179.78	7478.07	7609.11	-7613.45	-2754.6	0.87	8096.44	199.89	MWD
15480	89.78	178.37	7478.08	7699.1	-7703.43	-2753.15	1.63	8180.63	199.67	MWD
15569	89.93	178.69	7478.3	7788.07	-7792.4	-2750.87	0.39	8263.71	199.44	MWD
15659	90.05	179.16	7478.32	7878.06	-7882.39	-2749.18	0.53	8348.06	199.23	MWD
15748	89.98	178.3	7478.3	7967.04	-7971.37	-2747.21	0.97	8431.48	199.02	MWD
15838	89.22	178.03	7478.93	8057	-8061.32	-2744.33	0.9	8515.64	198.8	MWD
15927	89.18	178.58	7480.17	8145.95	-8150.27	-2741.7	0.62	8599.06	198.59	MWD
16017	89.21	179.6	7481.43	8235.93	-8240.25	-2740.27	1.13	8683.94	198.39	MWD
16106	88.75	179.37	7483.02	8324.92	-8329.23	-2739.48	0.58	8768.17	198.21	MWD
16196	89.5	178.76	7484.4	8414.89	-8419.21	-2738.01	1.08	8853.23	198.02	MWD
16285	90.47	179.01	7484.43	8503.88	-8508.19	-2736.27	1.13	8937.36	197.83	MWD
16375	90.35	177.15	7483.78	8593.83	-8598.13	-2733.26	2.08	9022.11	197.63	MWD
16465	90.38	178.74	7483.2	8683.77	-8688.07	-2730.03	1.77	9106.9	197.44	MWD
16554	90.99	180.27	7482.13	8772.76	-8777.05	-2729.25	1.85	9191.6	197.27	MWD
16644	90.76	179.78	7480.75	8862.75	-8867.04	-2729.29	0.6	9277.58	197.11	MWD
16733	90.88	179.13	7479.47	8951.73	-8956.03	-2728.45	0.75	9362.42	196.94	MWD
16823	90.73	178.81	7478.2	9041.71	-9046.01	-2726.83	0.39	9448.06	196.77	MWD
16912	90.92	178.66	7476.92	9130.68	-9134.98	-2724.86	0.28	9532.71	196.61	MWD
17001	90.55	179.94	7475.78	9219.67	-9223.96	-2723.77	1.5	9617.71	196.45	MWD
17091	90.62	180.76	7474.87	9309.66	-9313.95	-2724.31	0.91	9704.2	196.3	MWD
17180	90.51	180.89	7473.99	9398.65	-9402.94	-2725.59	0.19	9790	196.17	MWD
17270	89.9	180.71	7473.67	9488.63	-9492.93	-2726.86	0.7	9876.81	196.03	MWD
17359	90.16	179.45	7473.62	9577.63	-9581.93	-2726.98	1.45	9962.42	195.89	MWD
17449	89.45	179.28	7473.93	9667.63	-9671.92	-2725.99	0.82	10048.73	195.74	MWD
17538	89.03	178.83	7475.12	9756.61	-9760.9	-2724.53	0.69	10134.01	195.6	MWD
17628	89.25	179.73	7476.47	9846.59	-9850.88	-2723.4	1.03	10220.41	195.45	MWD
17717	89.94	181.55	7477.1	9935.58	-9939.87	-2724.4	2.18	10306.47	195.33	MWD
17807	89.16	179.98	7477.81	10025.56	-10029.86	-2725.6	1.95	10393.6	195.2	MWD
17896	89.59	181.56	7478.78	10114.54	-10118.84	-2726.8	1.84	10479.81	195.08	MWD
17985	90.08	180.81	7479.04	10203.52	-10207.82	-2728.64	1.01	10566.22	194.97	MWD
18075	90.48	181.55	7478.59	10293.5	-10297.8	-2730.49	0.94	10653.65	194.85	MWD
18164	89.94	180.37	7478.27	10382.48	-10386.78	-2731.98	1.47	10740.06	194.74	MWD

18240	90.15	181.35	7478.2	10458.47	-10462.77	-2733.12	1.33	10813.86	194.64	MWD
18271	90.15	181.35	7478.12	10489.46	-10493.76	-2733.85	0.02	10844.03	194.6	Manual

Company: Verdad Resources LLC.

Well: Fawn 2833-04H

Field Name: Wattenberg

Country Name: United States

State Name: Colorado

County Name: Weld



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