

XBOLT GAMMA RAY

5in/100ft Measured Depth

Field Print

Recorded Mode

Schlumberger

Company:Verdad Resources LLC

Well:County Line 3107-11H

Field Name:Wattenberg

Country Name:United States

State Name:Colorado

County Name:Weld

Latitude:40°00'05.243"N

Longitude:104°42'15.121"W

Spud Date:12-Jan-2022

Log Interval:1610.50--17260.50(ft)

Depth Source:Driller's Depth

Log Measured From:Drill Floor

Drill Floor Elevation:5058.00(ft)

Ground Level Elevation:5037.00(ft)

Permanent Datum:Sea Level

API Number:05-123-51170

Rig Name:Precision Drilling 464

Rig Type:Land

Job Number:22CC00007

Print Type:Field Print

Nothing:1244377.73(ft)

Easting:3222938.36(ft)

Coordinate System:NAD83 Colorado State Plane, Northern Zone, US Feet

Disclaimer

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Operational Run Summary

Notes			
Run 1 (Bit Size: 8.5 in)			
DateTime Log Started	13-Jan-2022 19:13:41	DateTime Log Finished	16-Jan-2022 05:08:55
Start Depth (ft)	1750	Stop Depth (ft)	11486.65
Mud Type	Oil Based Mud	Mud Density (lbm/gal)	9.6
Potassium (%)	0	Barite	Yes
GR Sensor Offset (ft)	24.46	Calibration Coefficient	0
DNI Sensor Offset (ft)	38.82		
Run 2 (Bit Size: 8.5 in)			
DateTime Log Started	16-Jan-2022 06:51:55	DateTime Log Finished	18-Jan-2022 04:07:45
Start Depth (ft)	11485	Stop Depth (ft)	17260
Mud Type	Oil Based Mud	Mud Density (lbm/gal)	9.6
Potassium (%)	0	Barite	Yes

GR Sensor Offset (ft)	25.16	Calibration Coefficient	0
DNI Sensor Offset (ft)	39.52		

Log

Description: XBOLT GAMMA RAY

Format: XBOLT_GR_DNI_VERDAD

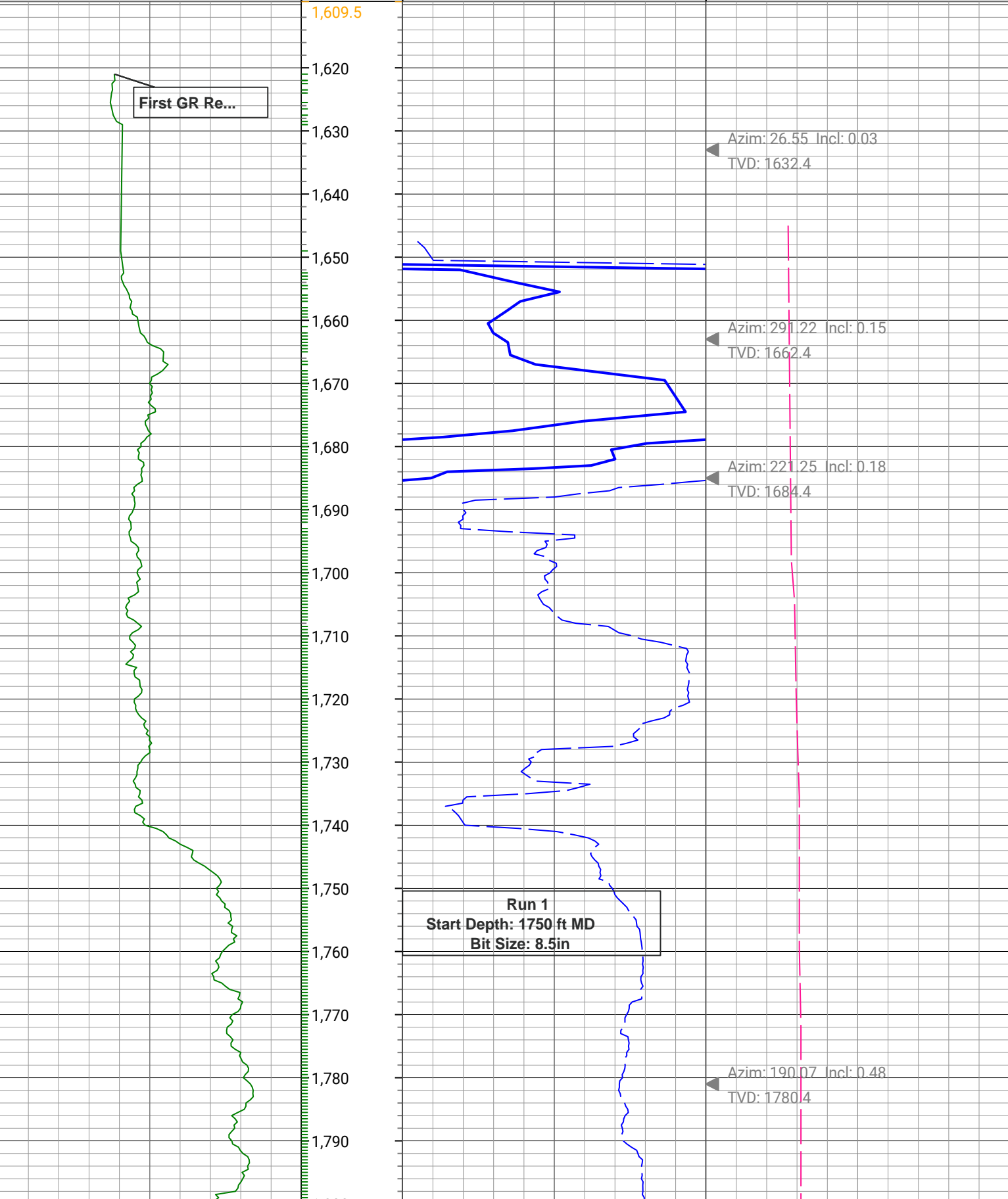
Index Scale: 5in/100ft

Index Unit: ft

Index Type: Measured Depth

Creation Date: 07-Feb-2022

GR_RM,XBOLT			Depth 1 : 20 in : ft	ROP5_RT		TEMP_RT,XBOLT			
0	gAPI, Borehole	150		0	ft/h, Borehole	500	0	degF, Borehole	300
						Survey: Azim(deg) Incl(deg)			



GR_RM, XBOL

ROP5 RT

Azim: 38.24 Incl: 0.09
TVD: 1870.4

Azim: 253.97 Incl: 0.05
TVD: 1959.4

GR_RM,XBOL

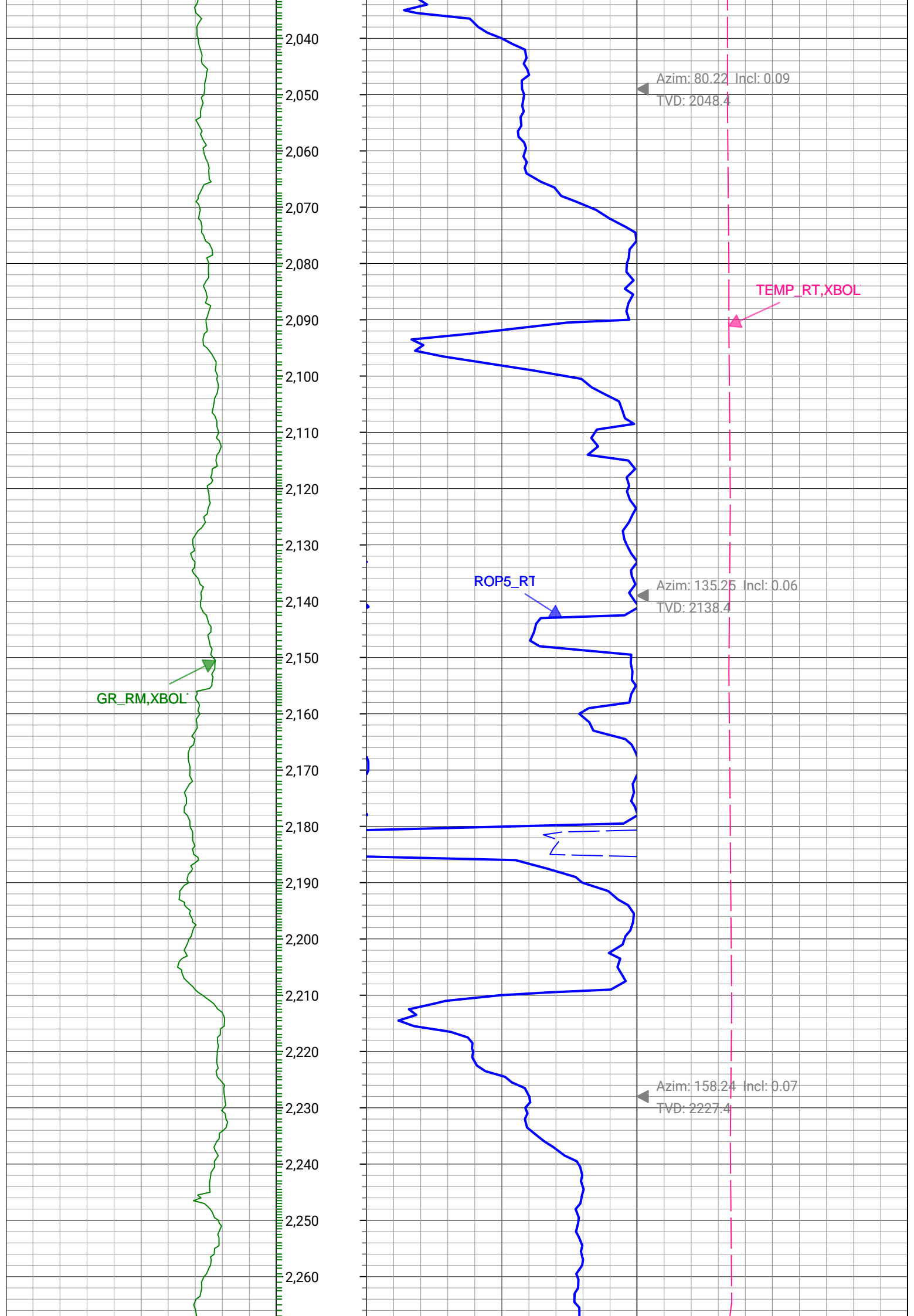
ROP5_RT

TEMP_RT,XBOL

Azim: 80.22 Incl: 0.09
TVD: 2048.4

Azim: 135.25 Incl: 0.06
TVD: 2138.4

Azim: 158.24 Incl: 0.07
TVD: 2227.4



GR_RM,XBOL

ROP5 RT

TEMP_RT,XBOL

Azim: 199.25 Incl: 0.04
TVD: 2317.4

Azim: 291.63 Incl: 0.05
TVD: 2406.4

Azim: 333.74 Incl: 0.1
TVD: 2495.4

GR_RM,XBOL

ROP5_RT

TEMP_RT,XBOL

Azim: 322.46 Incl: 0.11
TVD: 2585.4

Azim: 220.71 Incl: 0.07
TVD: 2674.4

GR_RM,XBOL

ROP5_RT

Azim: 90.08 Incl: 0.14
TVD: 2764.4

Azim: 86.3 Incl: 3.61
TVD: 2853.34

Azim: 79.69 Incl: 5.89
TVD: 2943.03

GR_RM,XBOL

ROP5_RT

TEMP_RT,XBOL

Azim: 81.15 Incl: 7.89
TVD: 3031.38

Azim: 85.77 Incl: 9.76
TVD: 3119.32

GR_RM,XBOL



3,210
3,220
3,230
3,240
3,250
3,260
3,270
3,280
3,290
3,300
3,310
3,320
3,330
3,340
3,350
3,360
3,370
3,380
3,390
3,400
3,410
3,420
3,430

ROP5_RT



Azim: 91.88 Incl: 9.83
TVD: 3208.01



TEMP_RT,XBOL

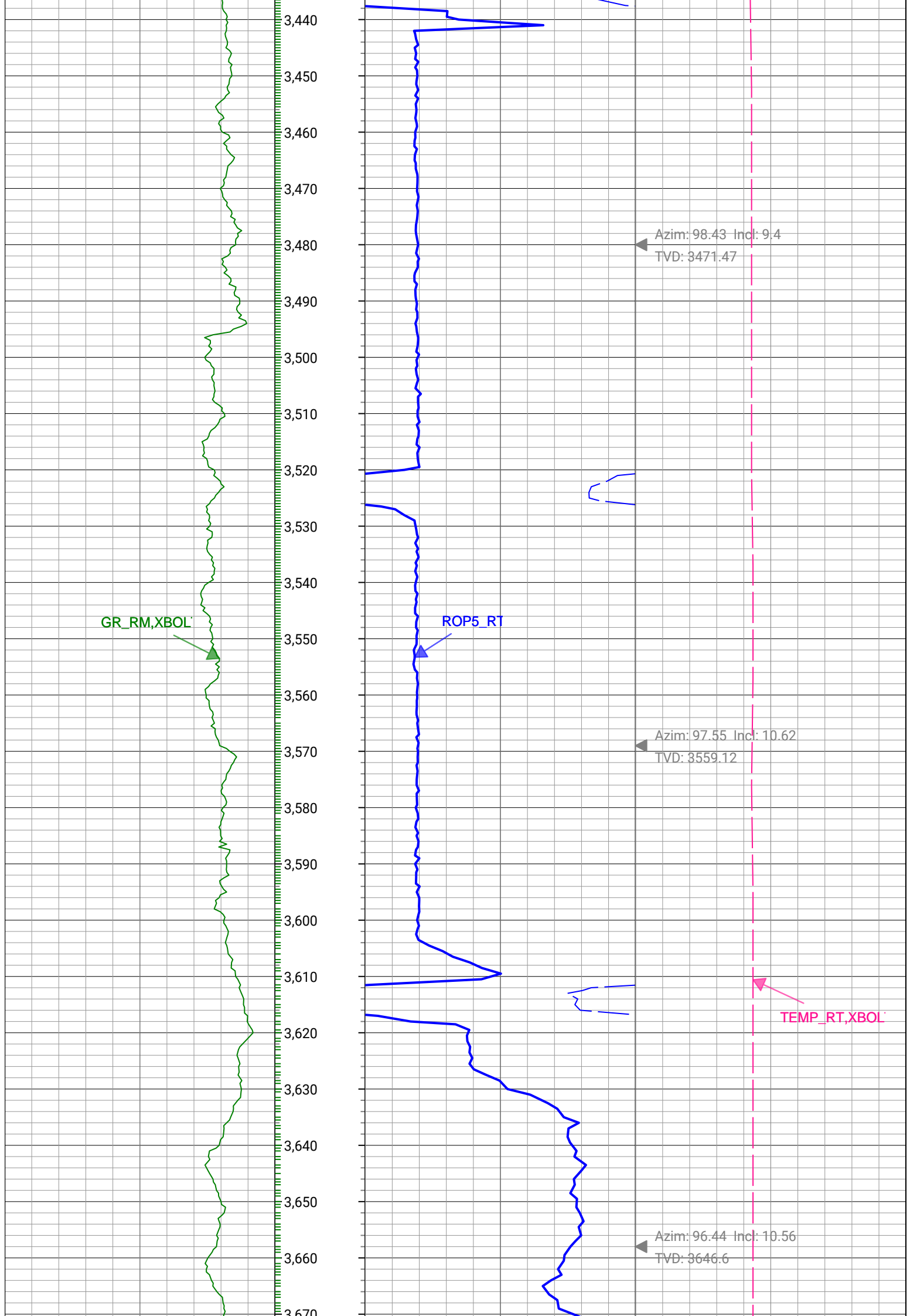


Azim: 95.73 Incl: 11.65
TVD: 3295.45



Azim: 98.59 Incl: 10.38
TVD: 3382.81





GR_RM.XBOL

ROP5_RT

Azim: 94.73 Incl: 10.33
TVD: 3735.11

Azim: 99.14 Incl: 10.31
TVD: 3822.67

GR_RM,XBOL

ROP5_RT

Azim: 97.49 Incl: 10.47
TVD: 3911.2

Azim: 98.12 Incl: 10.57
TVD: 3998.7

Azim: 95.19 Incl: 10.33
TVD: 4086.23

GR_RM, XBOL

ROP5_RT

Azim: 97.04 Incl: 10.37
TVD: 4174.76

Azim: 97.36 Incl: 10.53
TVD: 4262.29

Azim: 96.12 Incl: 10.70

GR_RM, XBOL

ROP5_RT

Azim: 96.15 Incl: 10.79
TVD: 4350.73

Azim: 97.72 Incl: 10.8
TVD: 4438.16

Azim: 98.45 Incl: 9.27
TVD: 4525.79

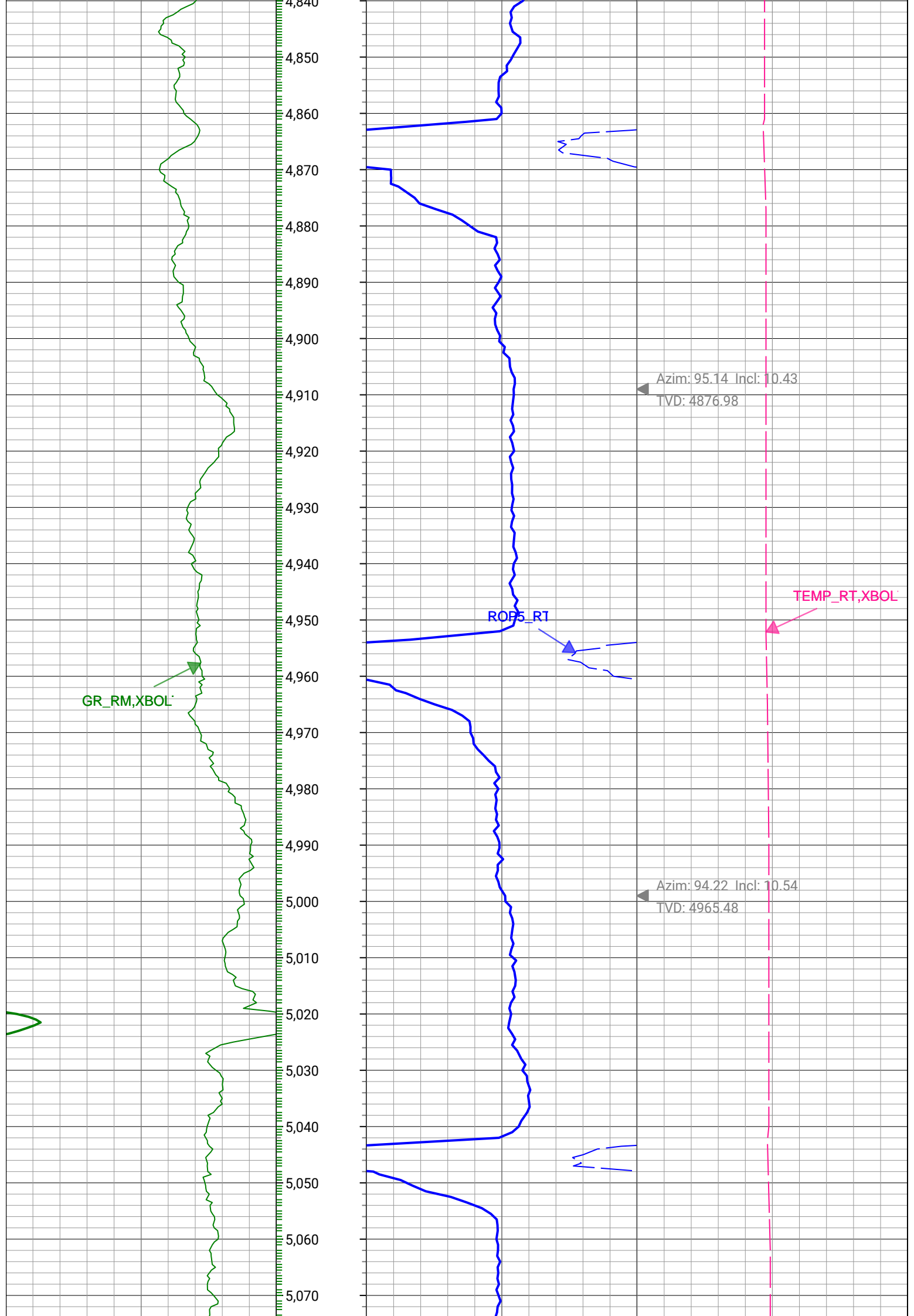
GR_RM, XBOL

ROP5_RT

Azim: 96.2 Incl: 10.54
TVD: 4613.47

Azim: 96.28 Incl: 10.58
TVD: 4701.94

Azim: 96.24 Incl: 10.42
TVD: 4789.45



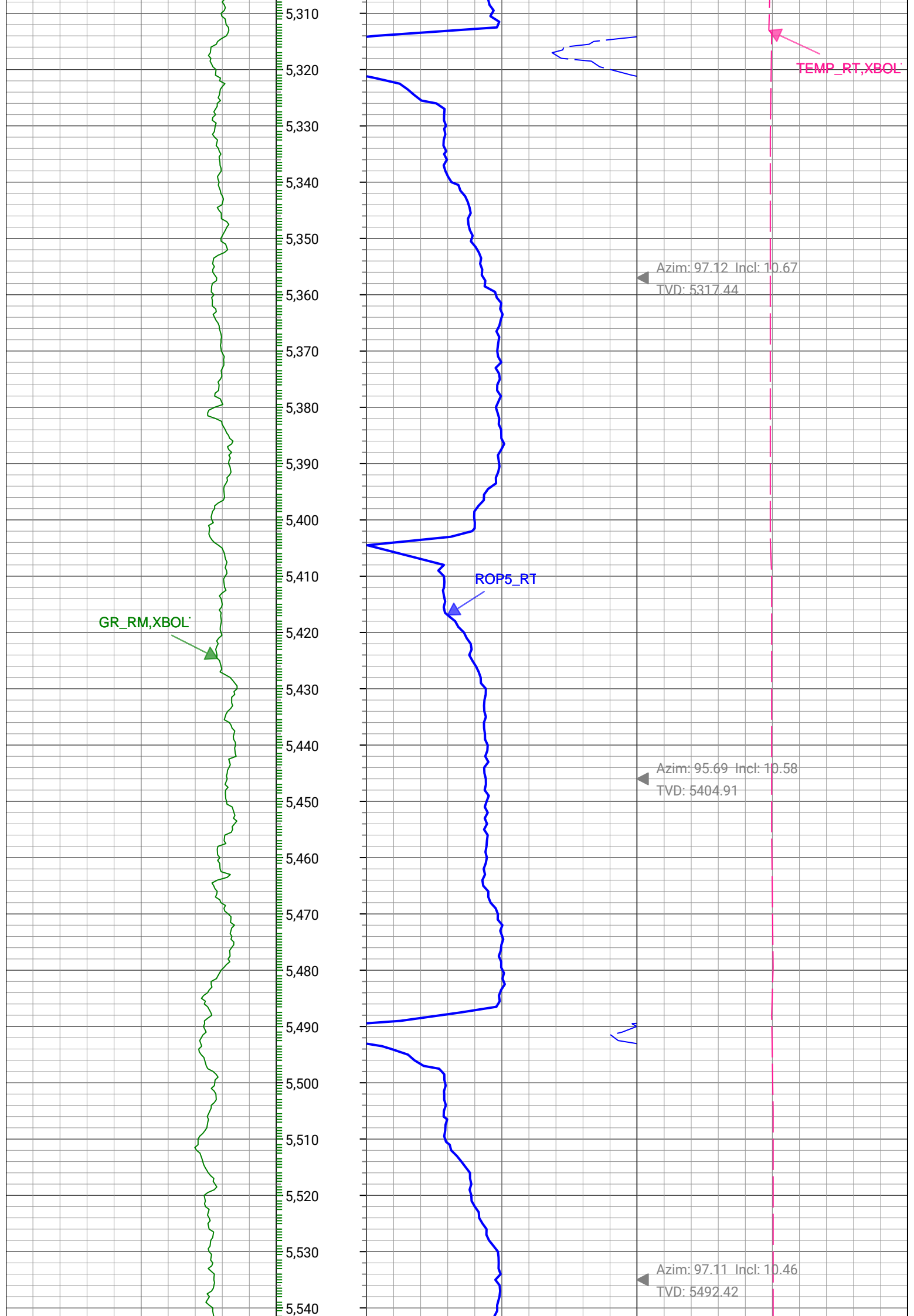
GR_RM,XBOL

ROP5_RT

Azim: 96.51 Incl: 10.72
TVD: 5052.96

Azim: 94.08 Incl: 10.24
TVD: 5141.45

Azim: 95.24 Incl: 10.61
TVD: 5228.99



GR_RM,XBOL

ROP5_RT

Azim: 96.98 Incl: 9.96
TVD: 5580.99

Azim: 97.03 Incl: 10.2
TVD: 5668.62

GR_RM, XBOL

ROP5_RT

Azim: 97.66 Incl: 10.25
TVD: 5756.2

Azim: 95.08 Incl: 10.43
TVD: 5844.74

Azim: 96.07 Incl: 10.51
TVD: 5932.26

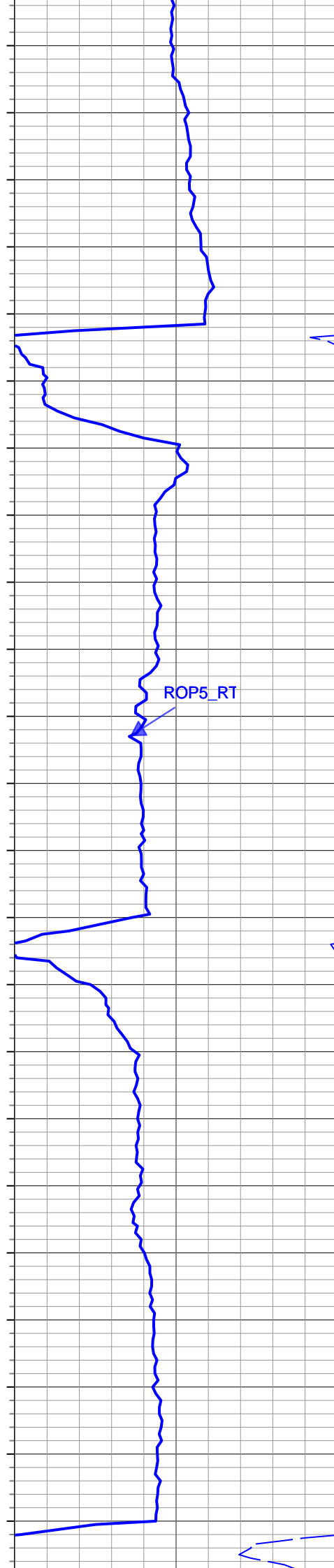
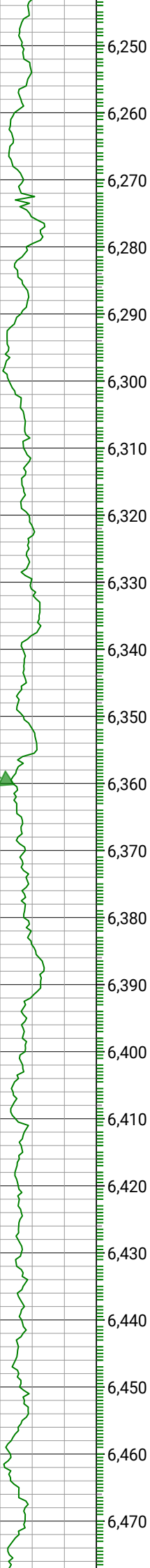
GR_RM,XBOL

ROP5_R7

Azim: 96.67 Incl: 10.56
TVD: 6019.76

Azim: 96.12 Incl: 10.25
TVD: 6107.3

GR_RM,XBOL



ROP5_RT

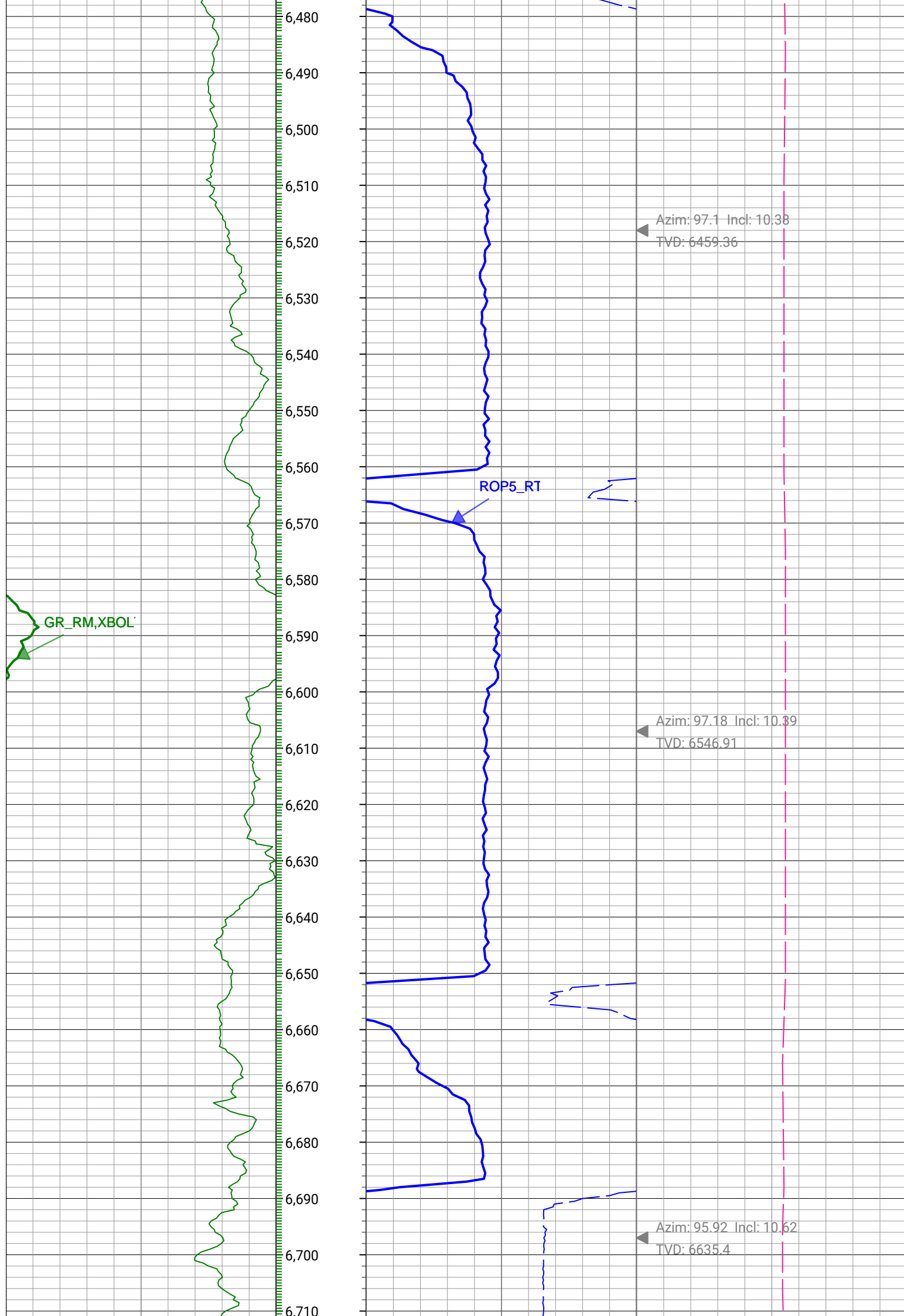
Azim: 95.65 Incl: 10.52
TVD: 6194.84

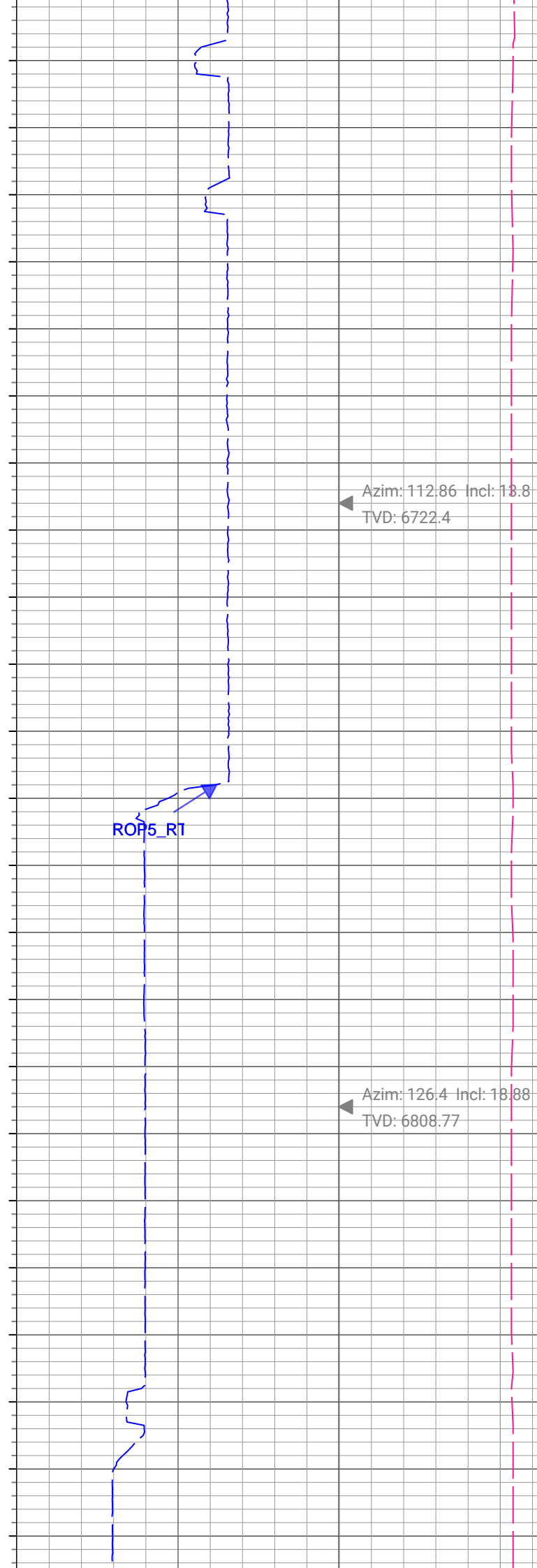
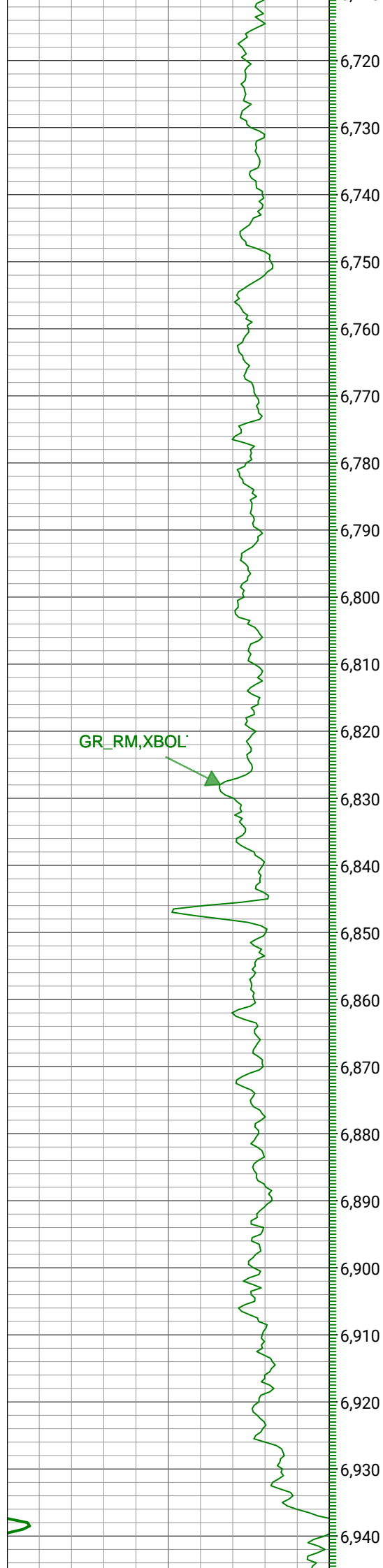
TEMP_RT,XBOL

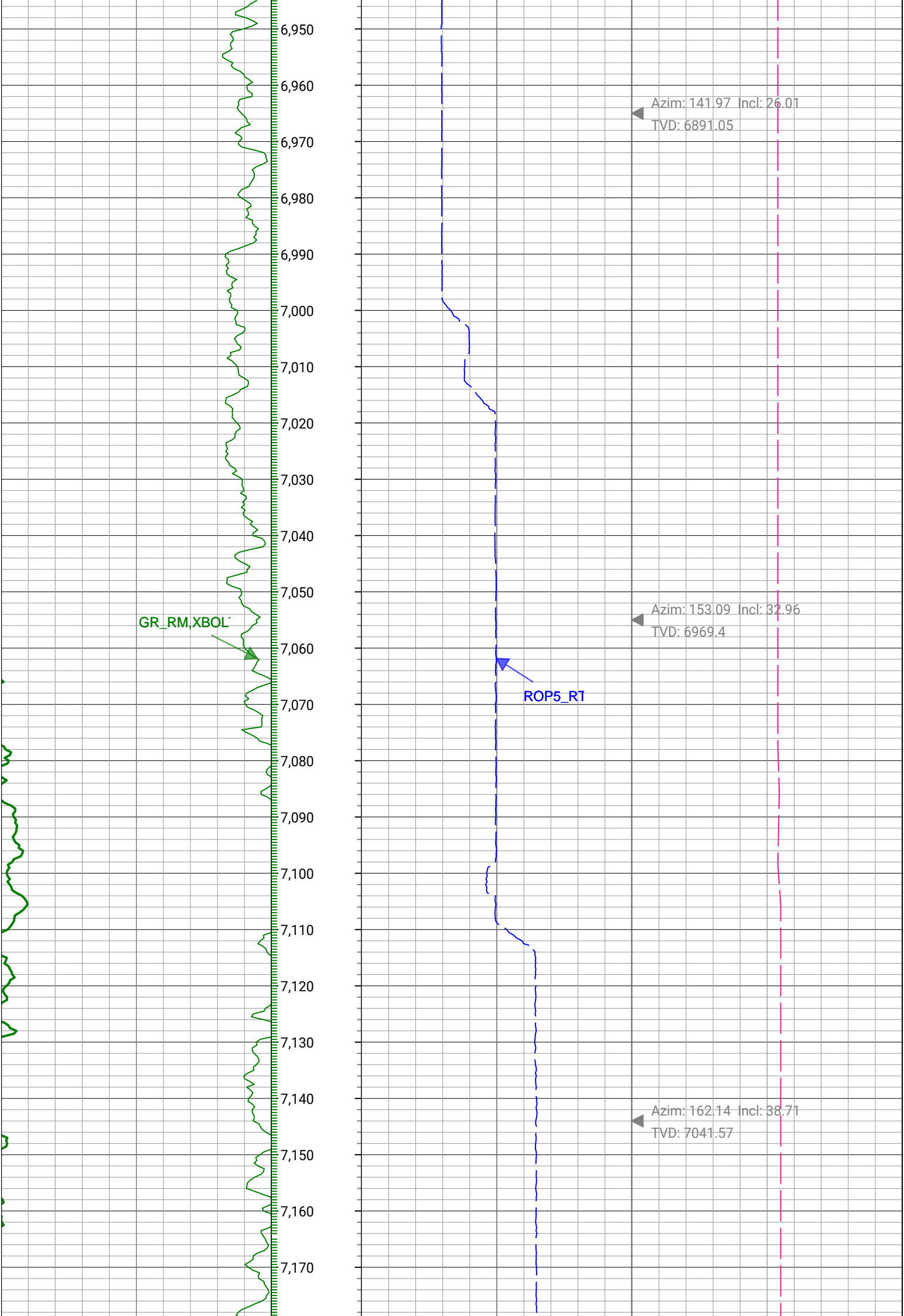
Azim: 96.05 Incl: 10.36
TVD: 6283.35

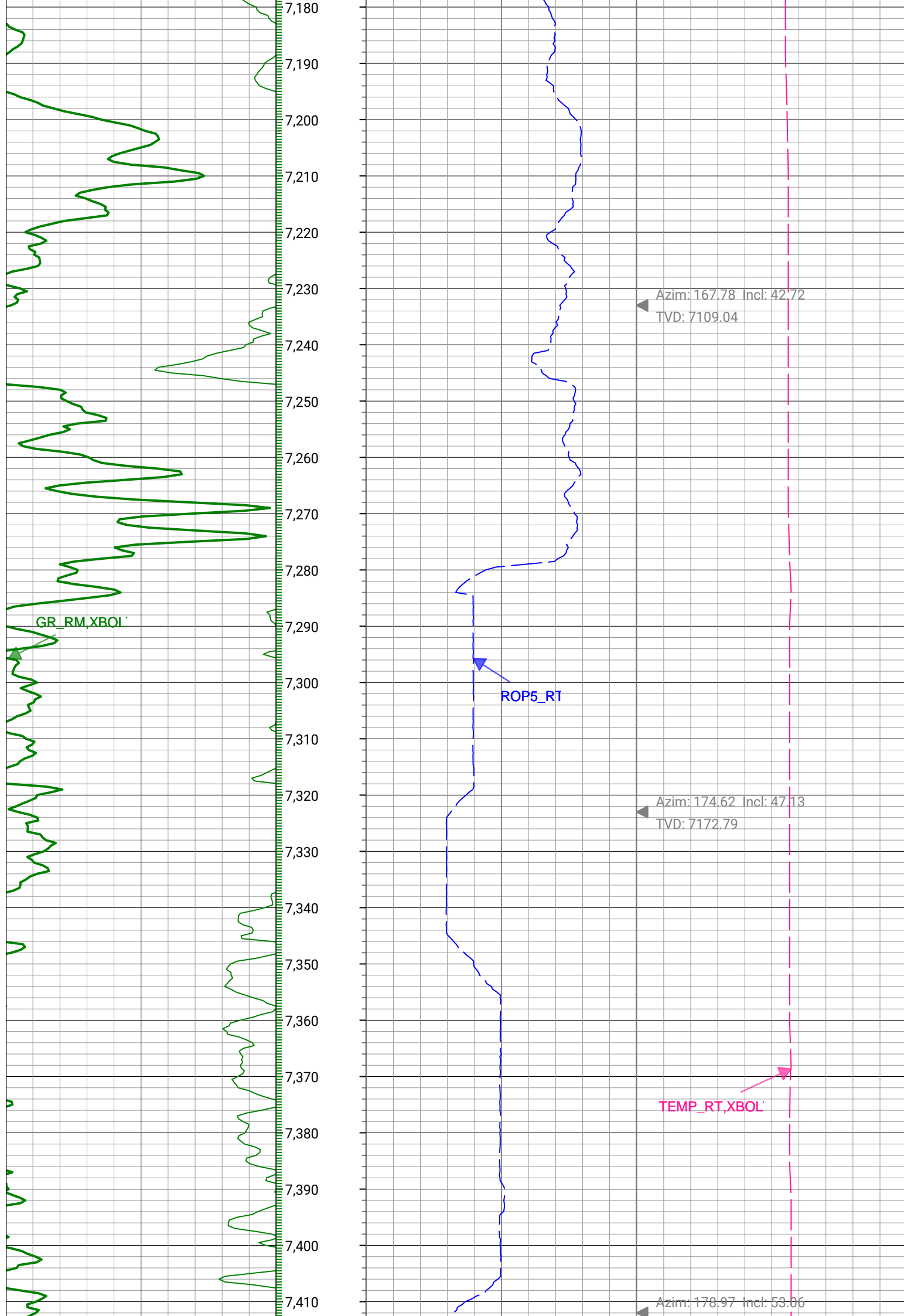
Azim: 96.81 Incl: 10.59
TVD: 6370.87

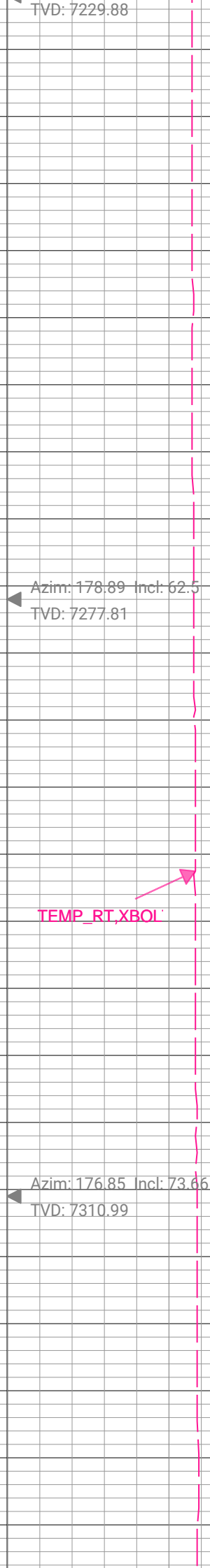
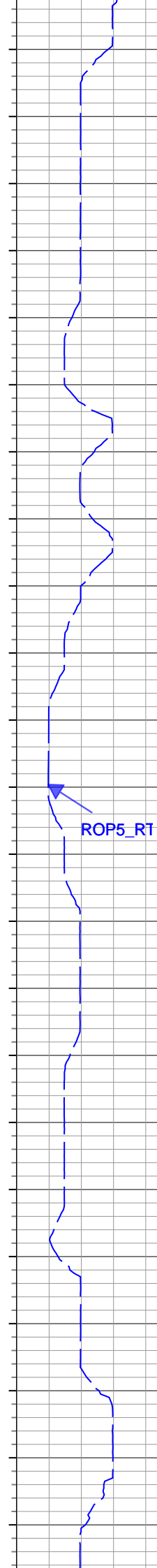
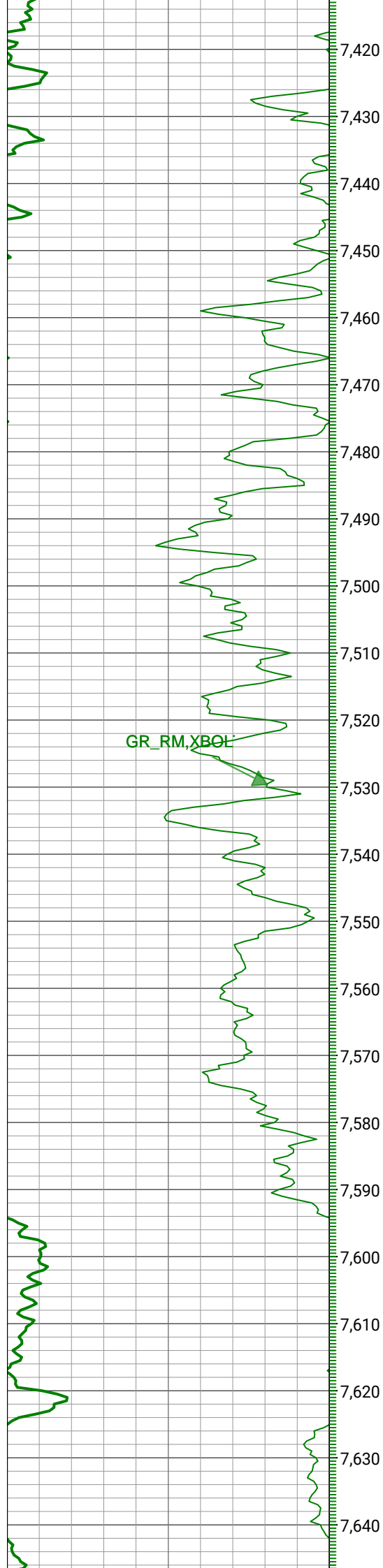


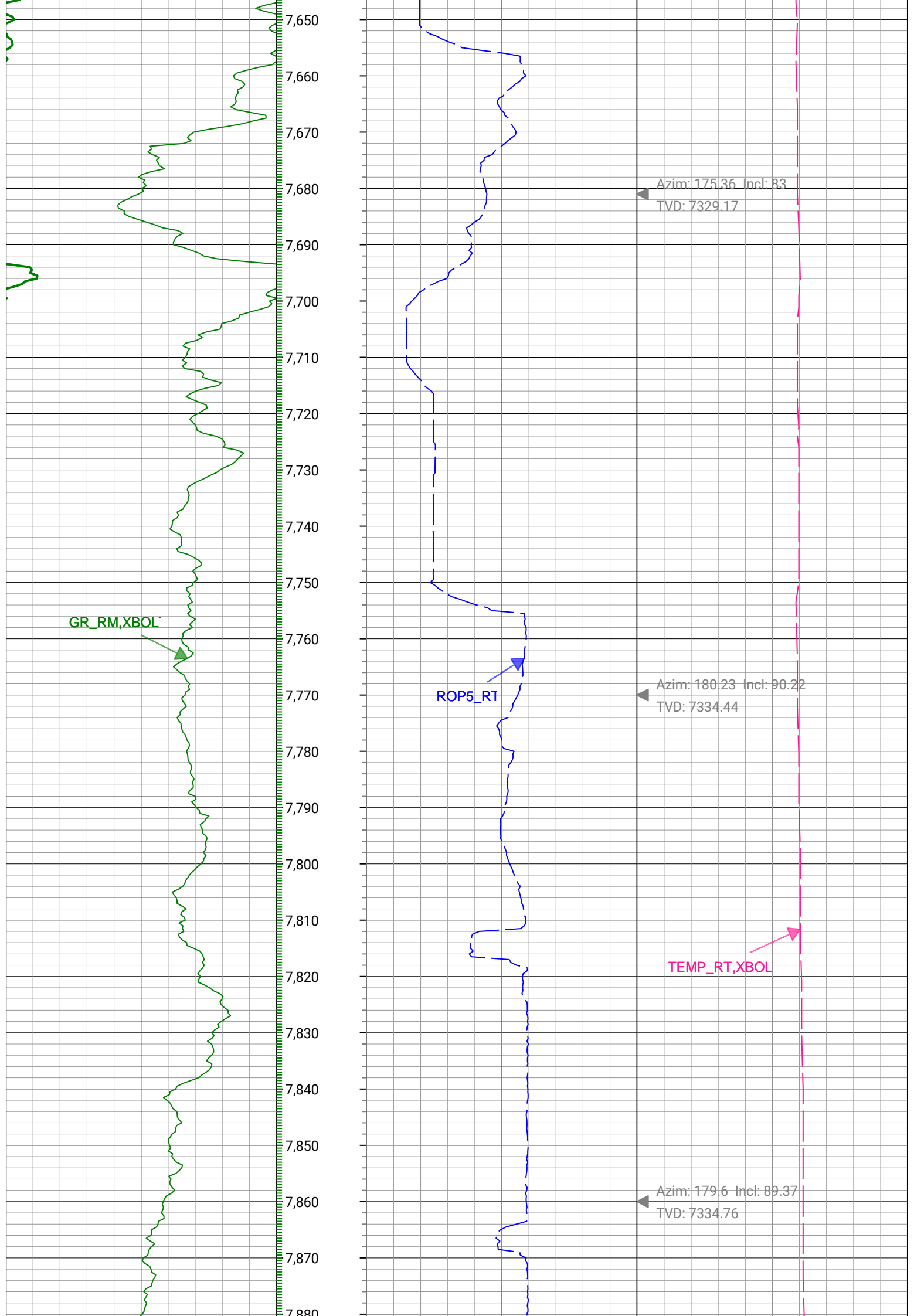


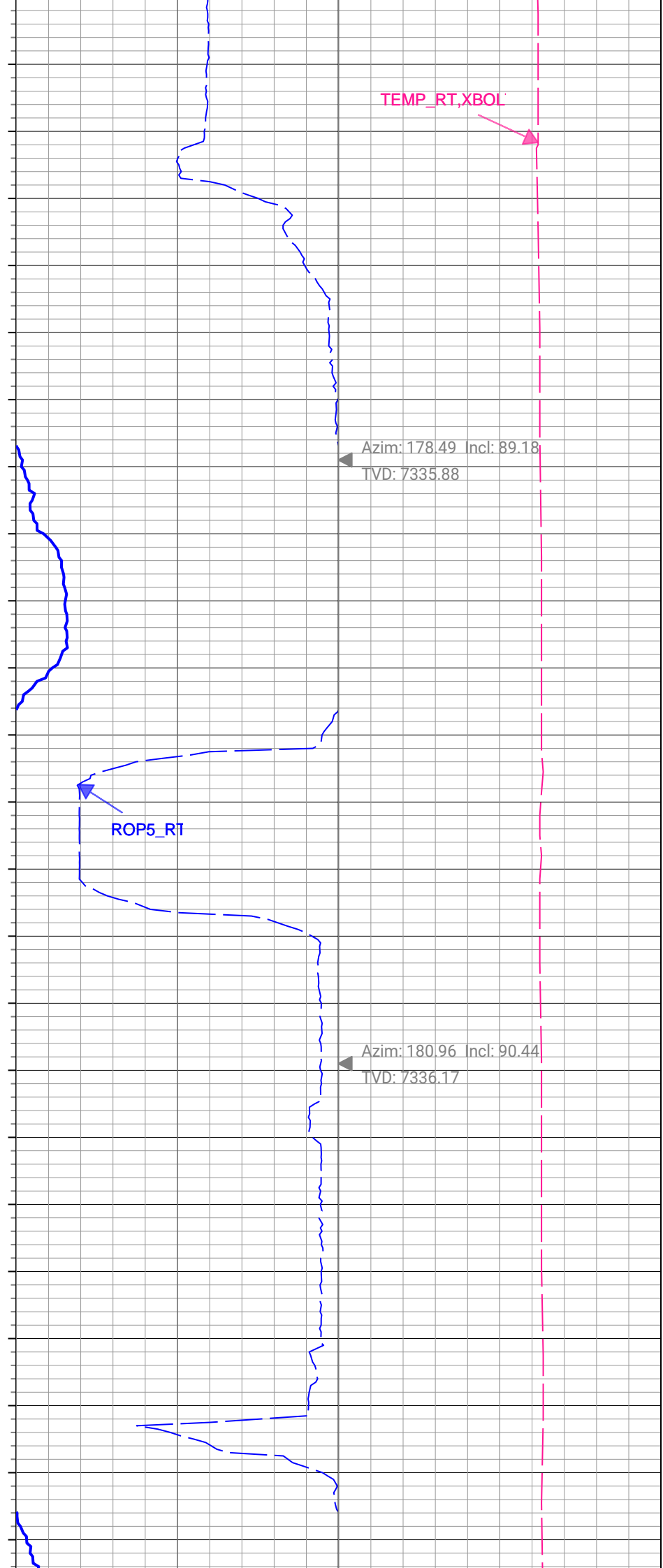


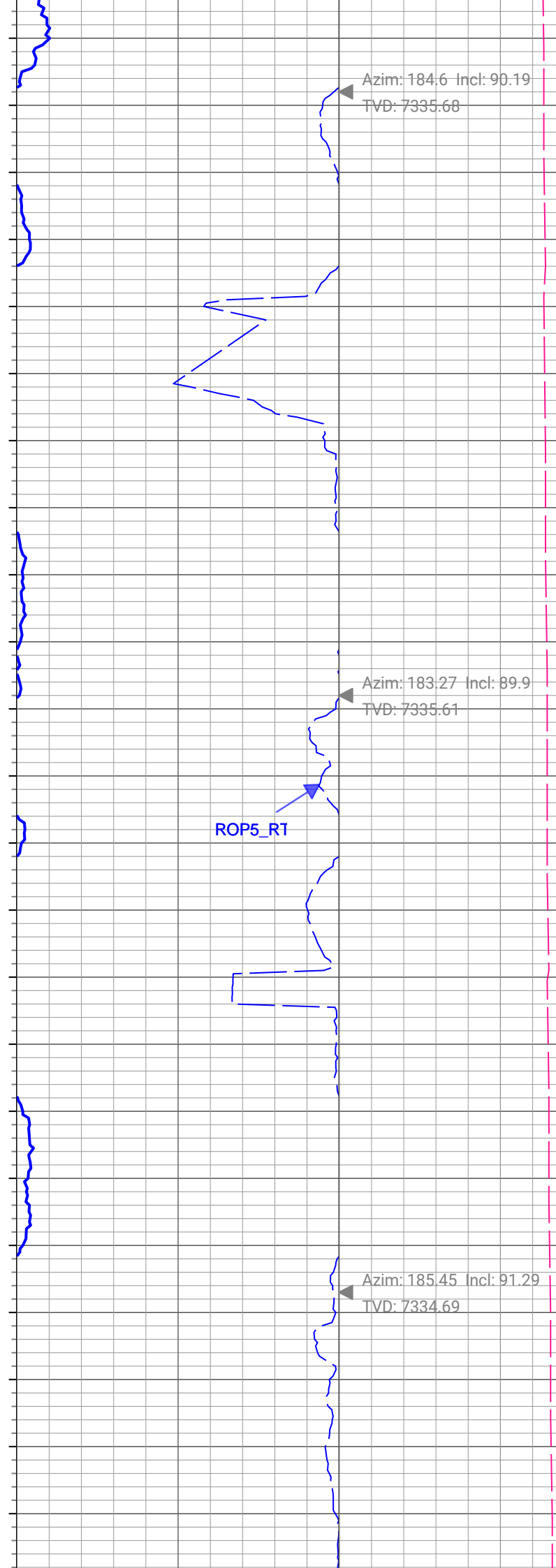
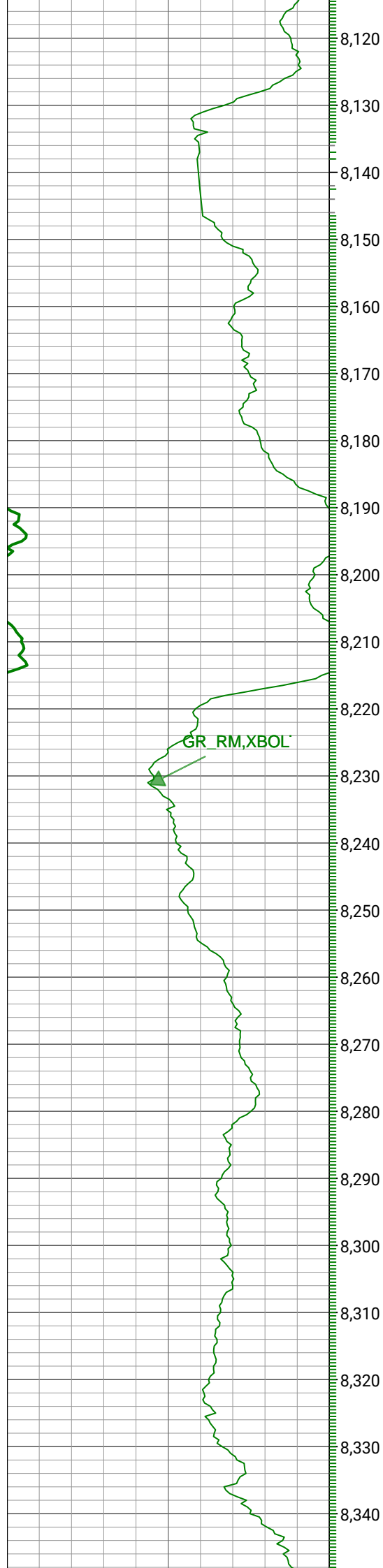


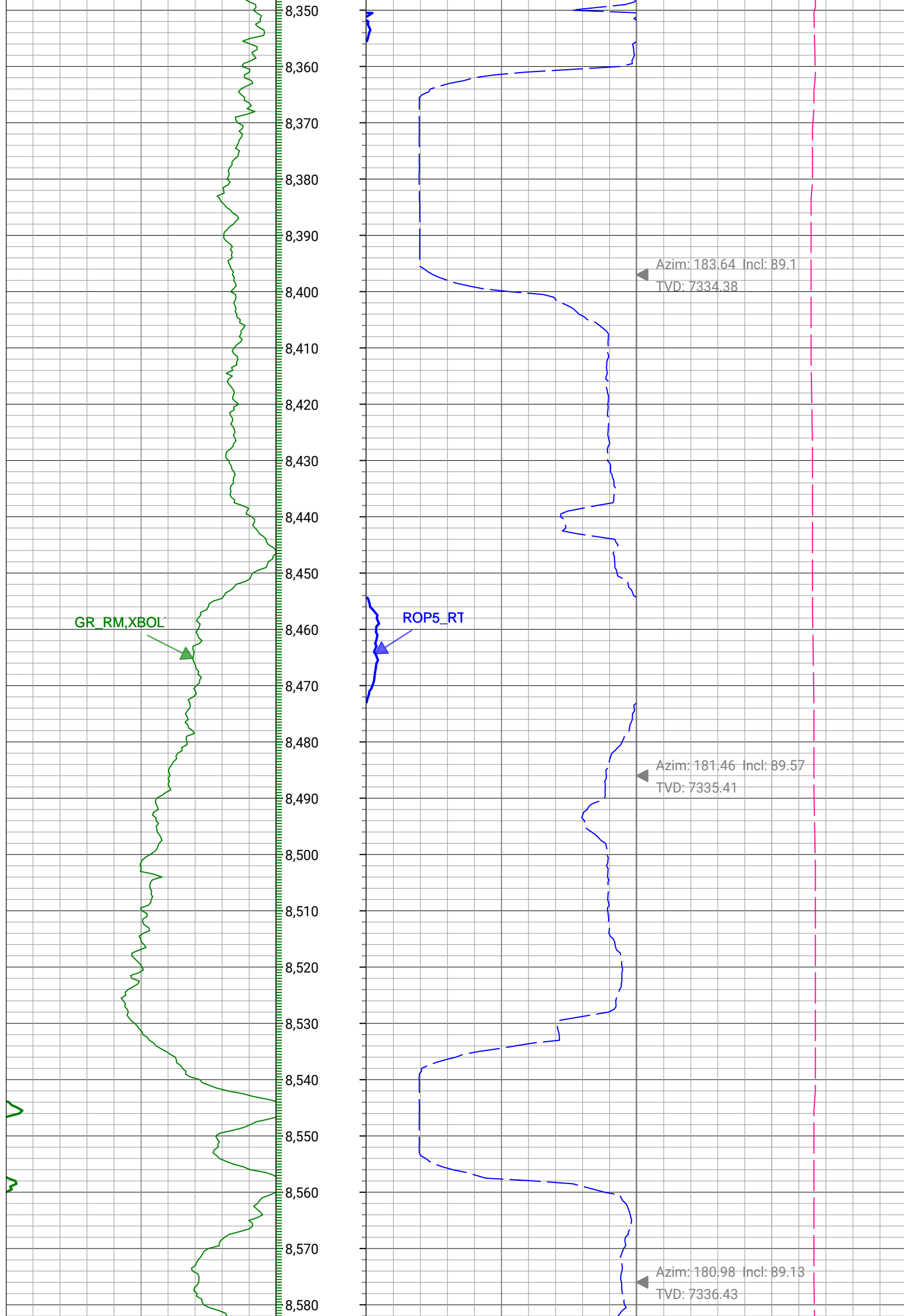












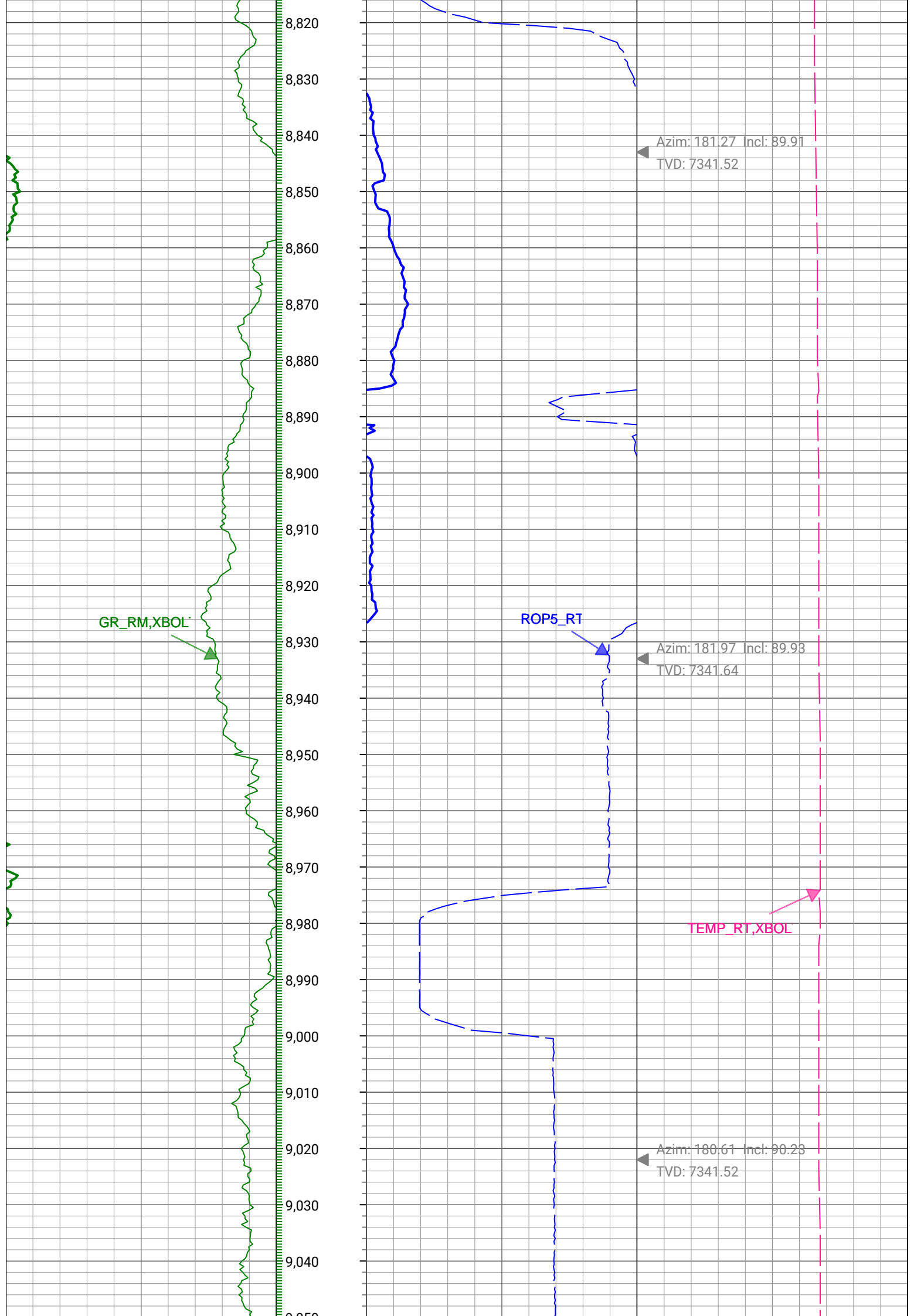
GR_RM,XBOL

TEMP_RT,XBOL

ROP5_RT

Azim: 186.81 Incl: 88.54
TVD: 7338.24

Azim: 180.66 Incl: 88.67
TVD: 7340.42

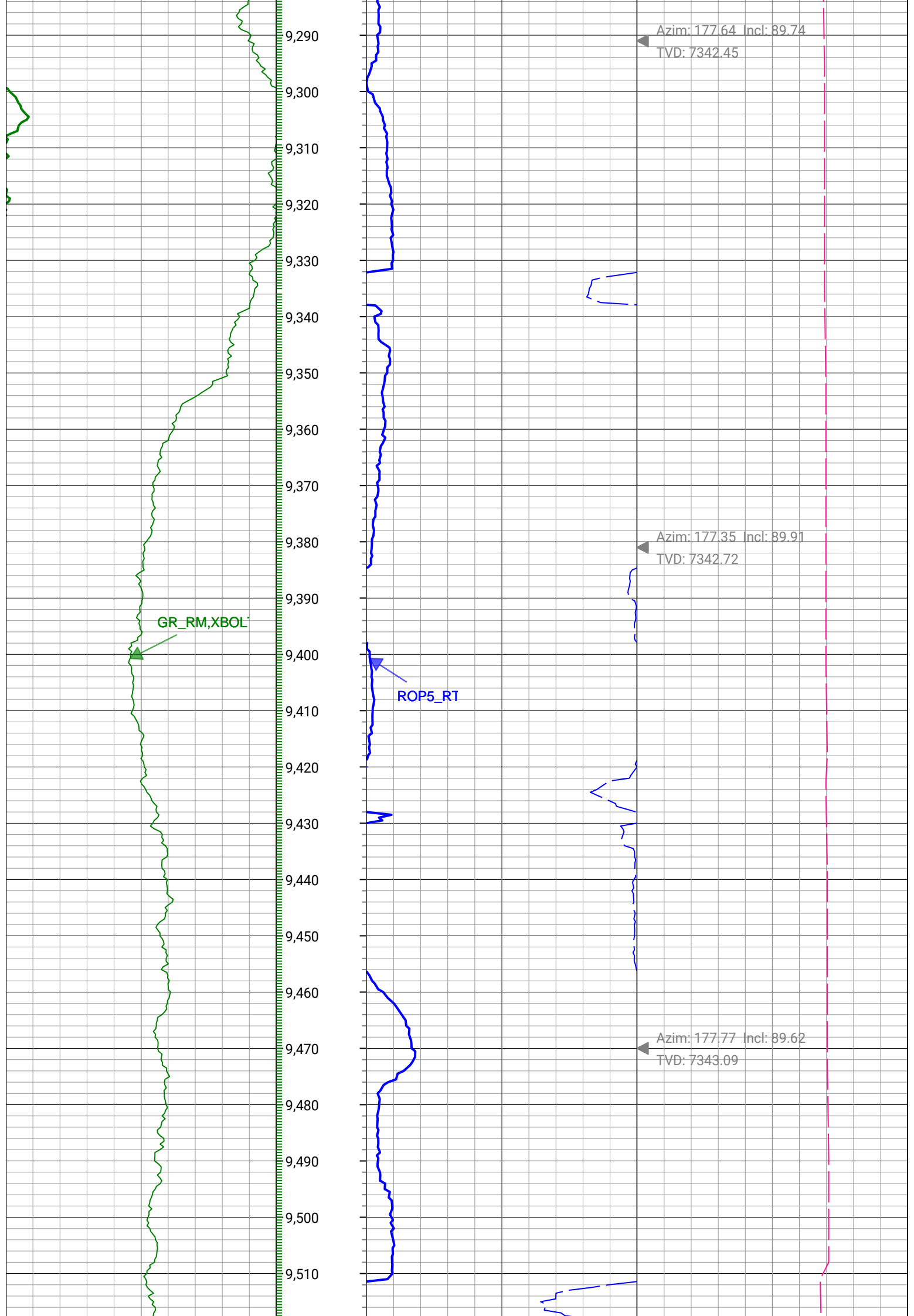


GR_RM,XBOL

ROP5_RT

Azim: 178.63 Incl: 89.8
TVD: 7341.5

Azim: 177.21 Incl: 89.62
TVD: 7341.95



GR_RM, XBOL

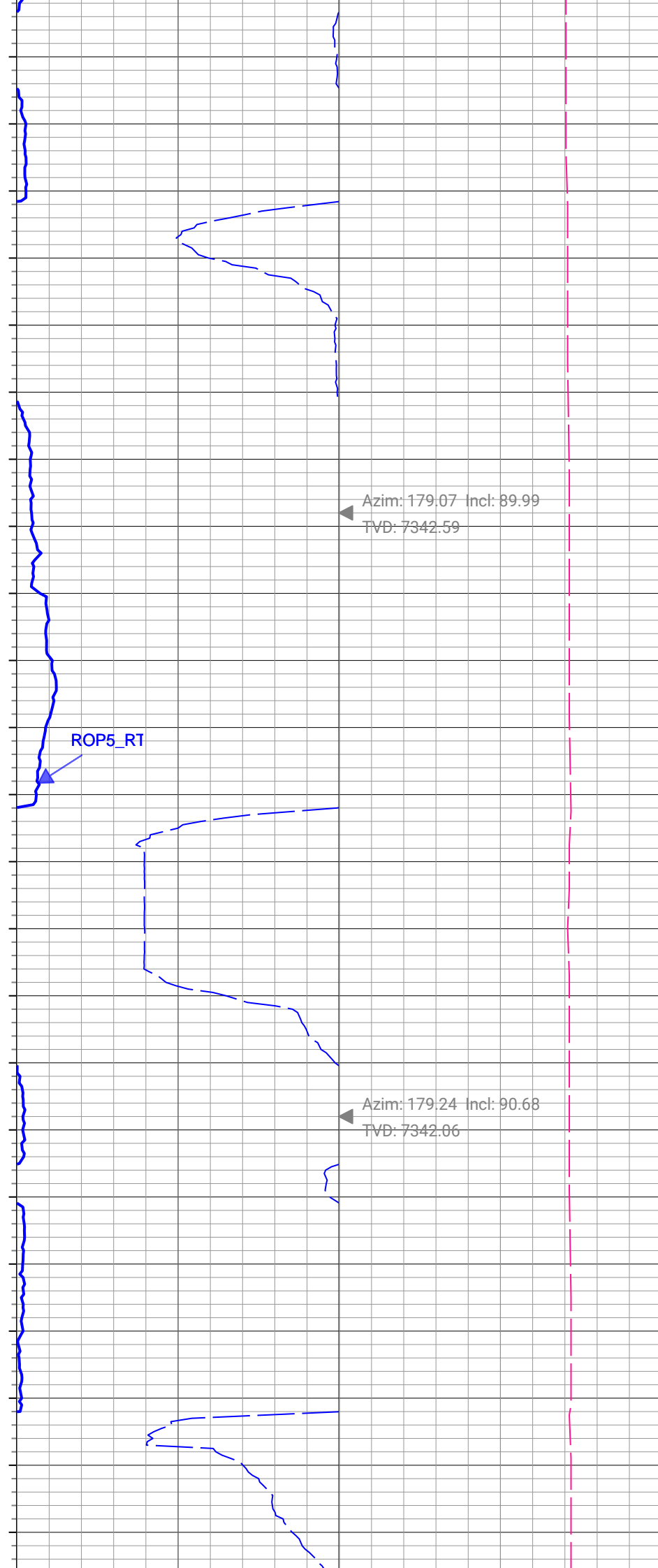
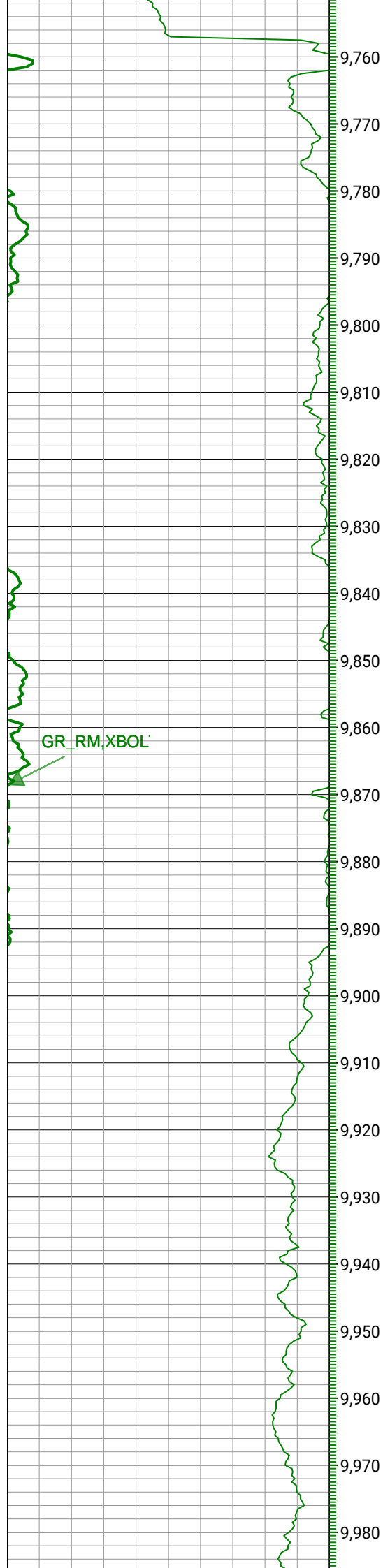


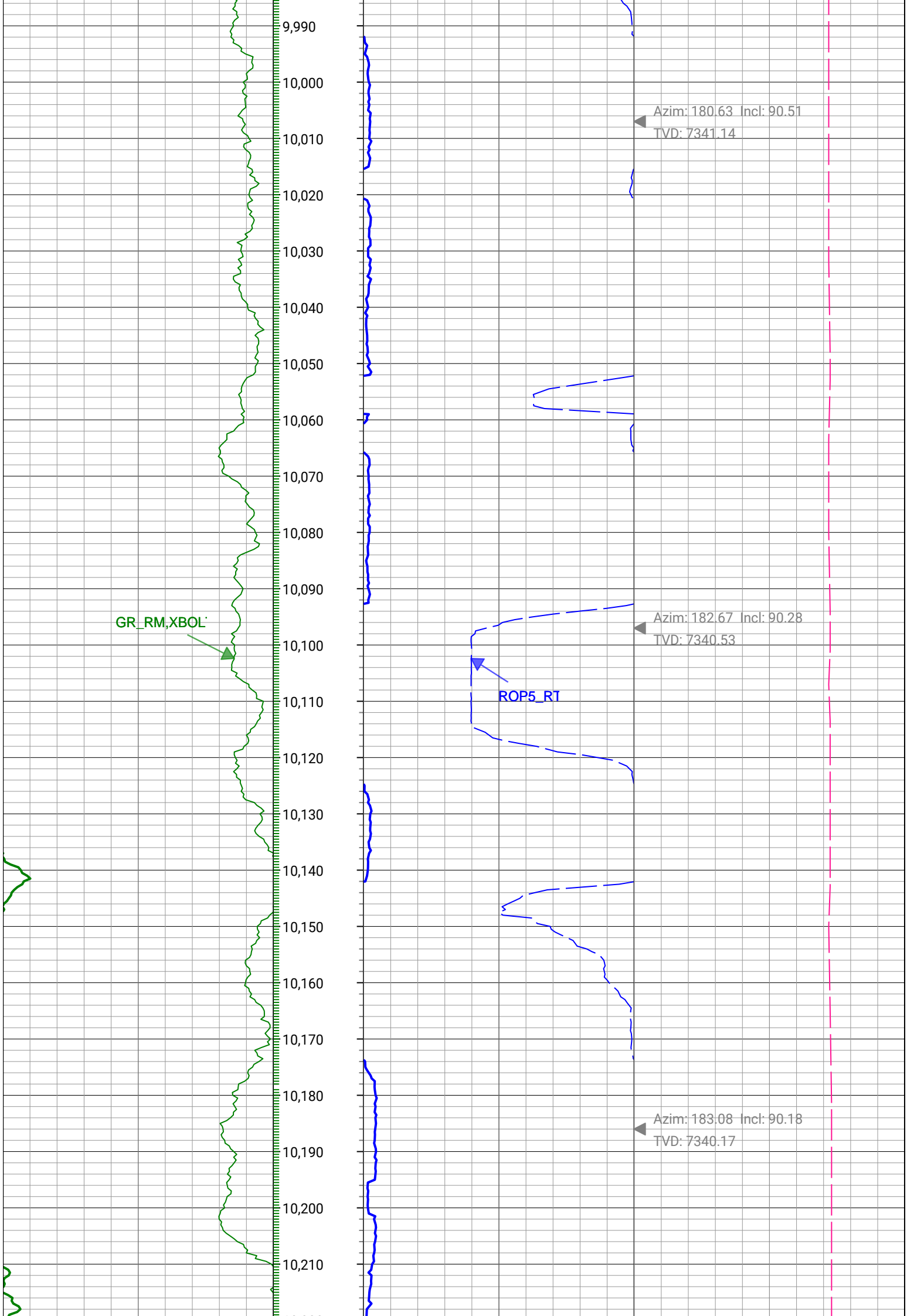
ROP5_RT

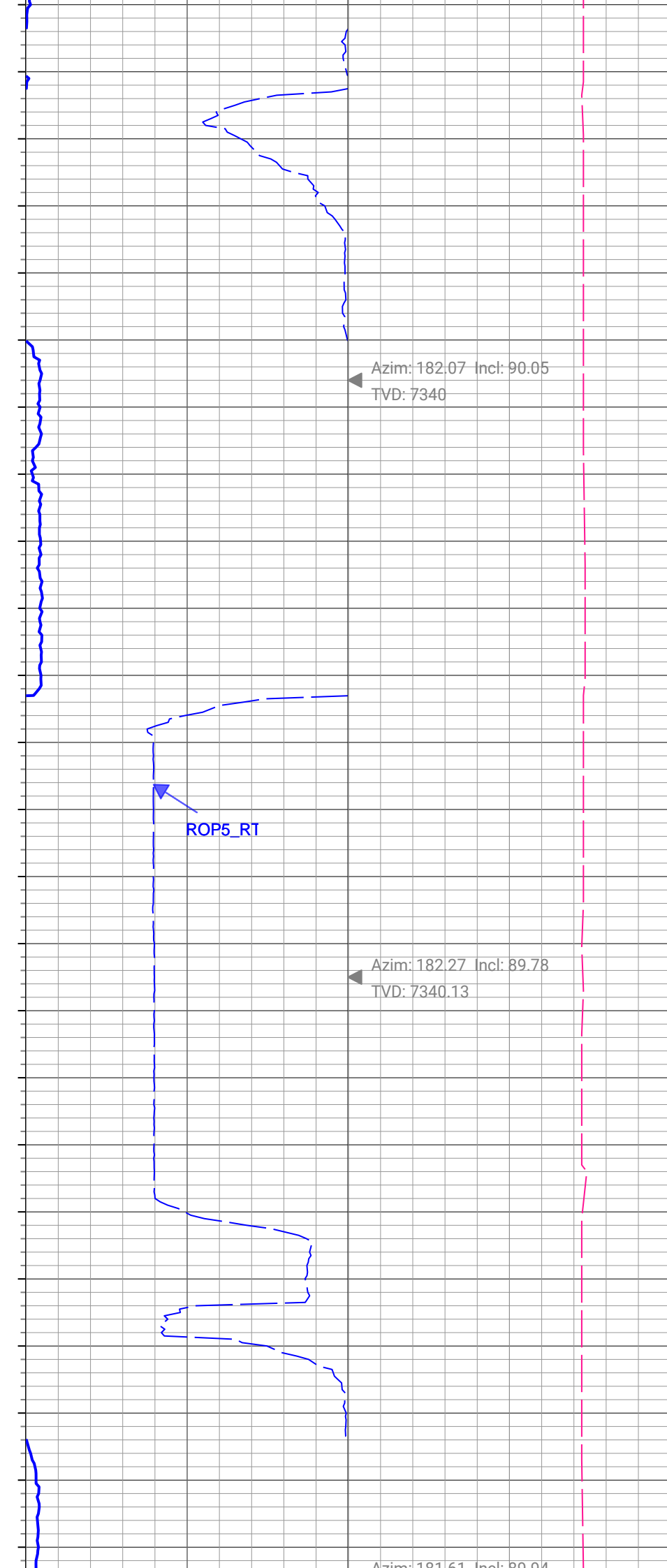
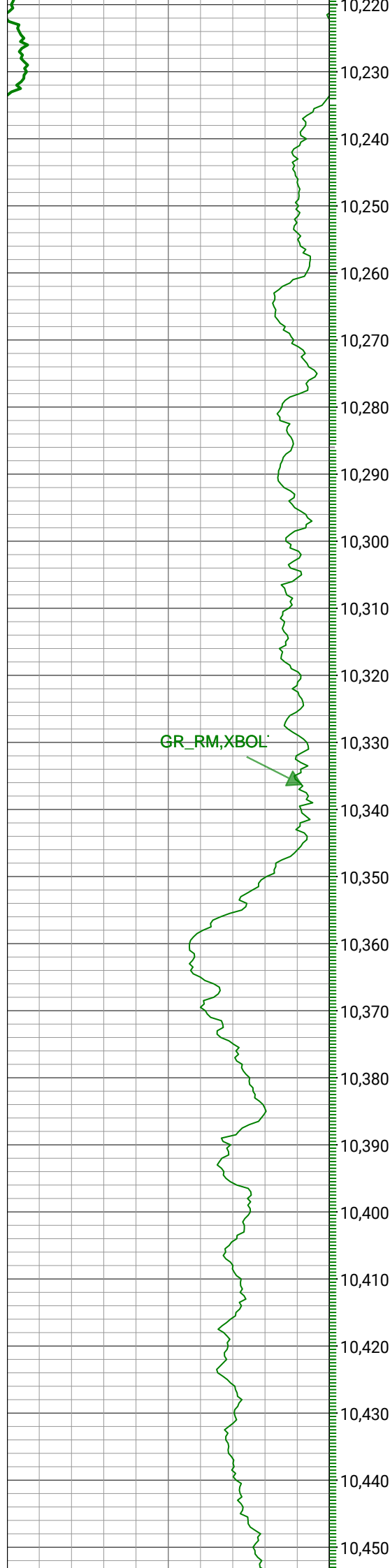
Azim: 176.72 Incl: 90.18
TVD: 7343.24

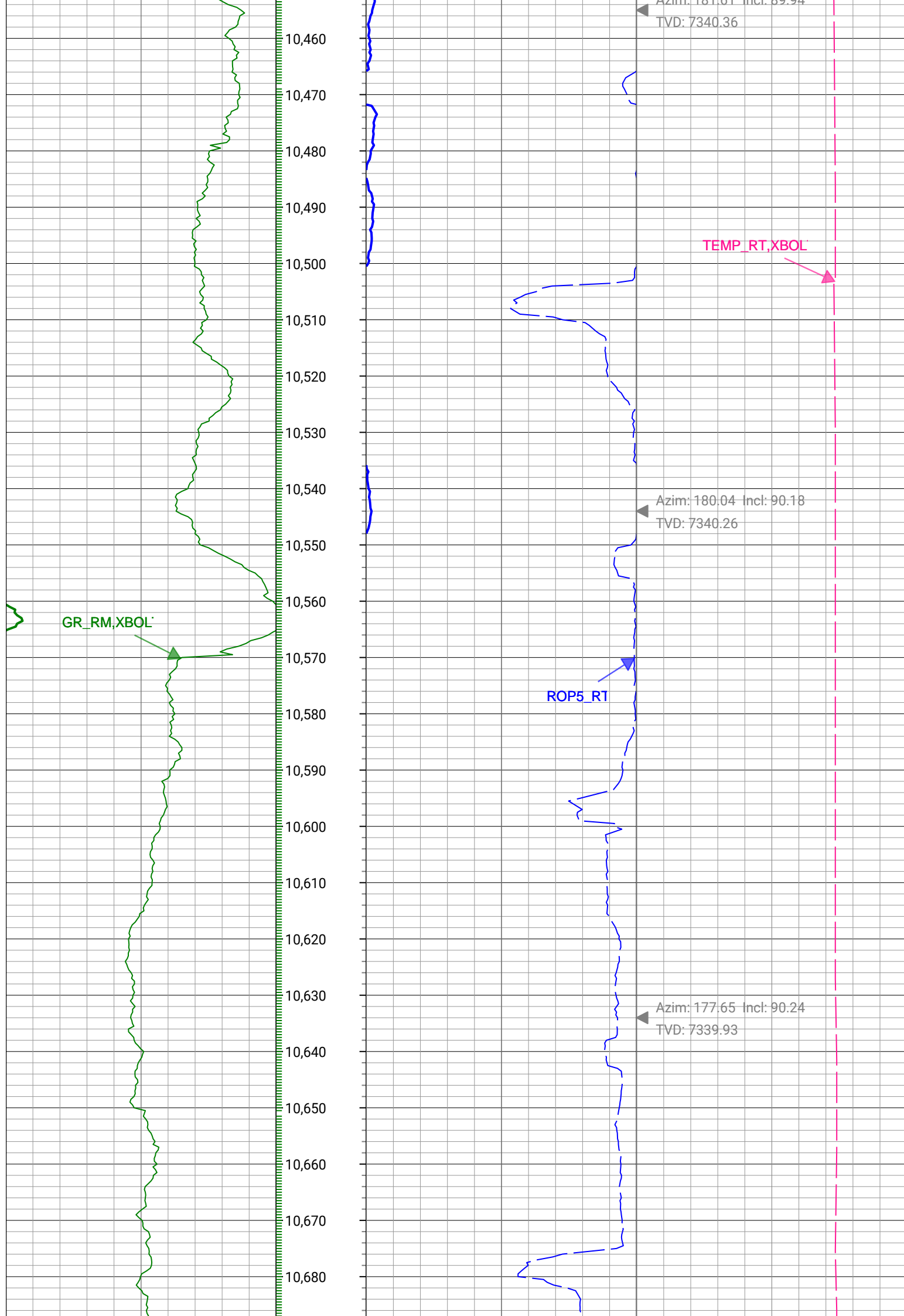
Azim: 177.2 Incl: 89.92
TVD: 7343.17

Azim: 178.33 Incl: 90.41
TVD: 7342.91









GR_RM,XBOL



ROP5_RT



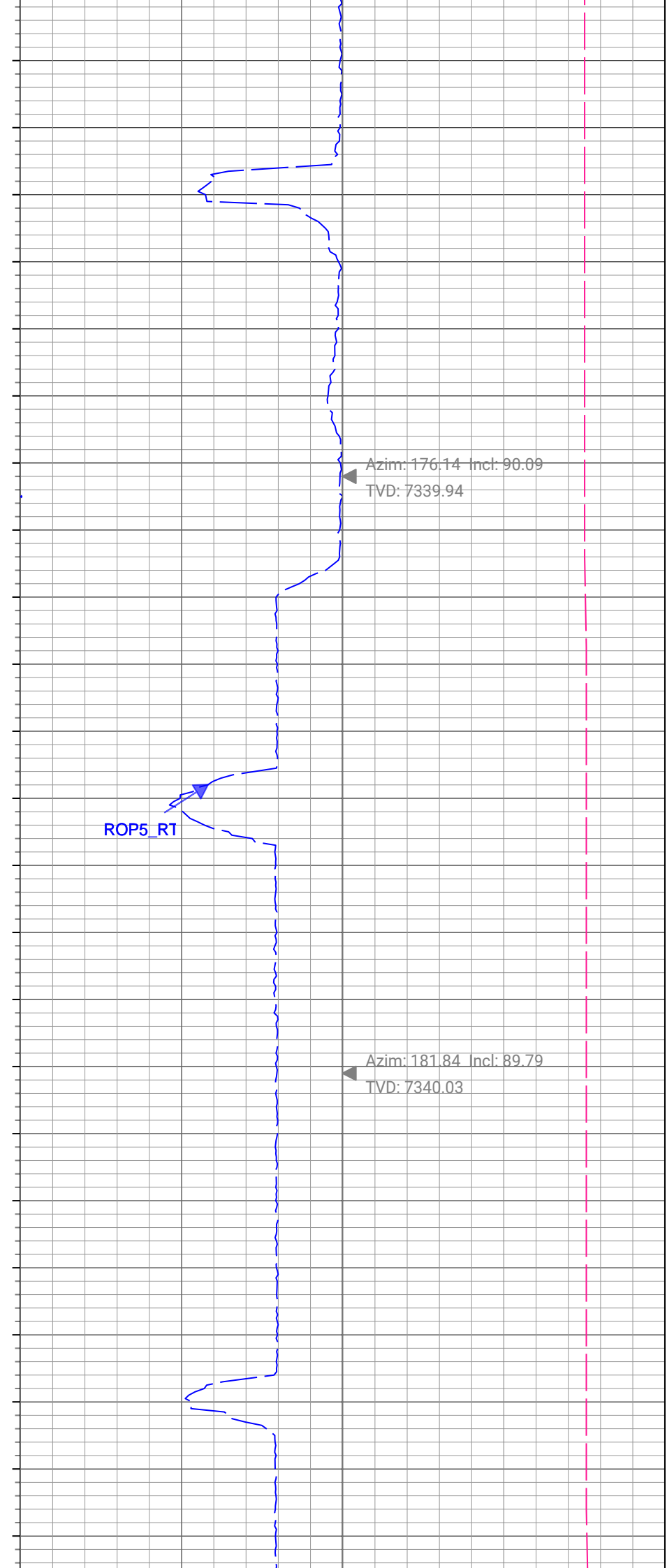
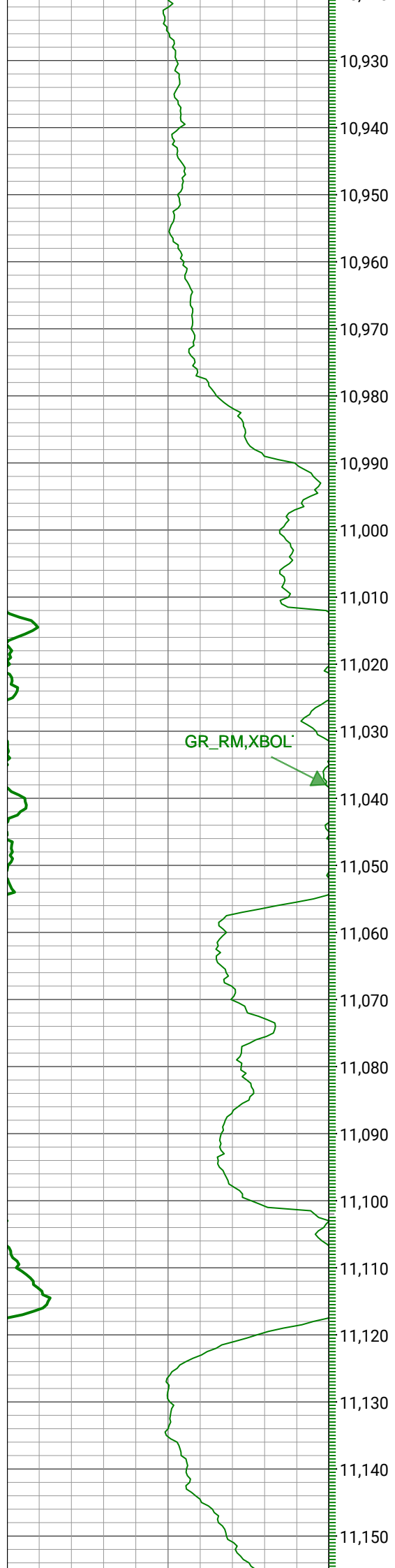
TEMP_RT,XBOL

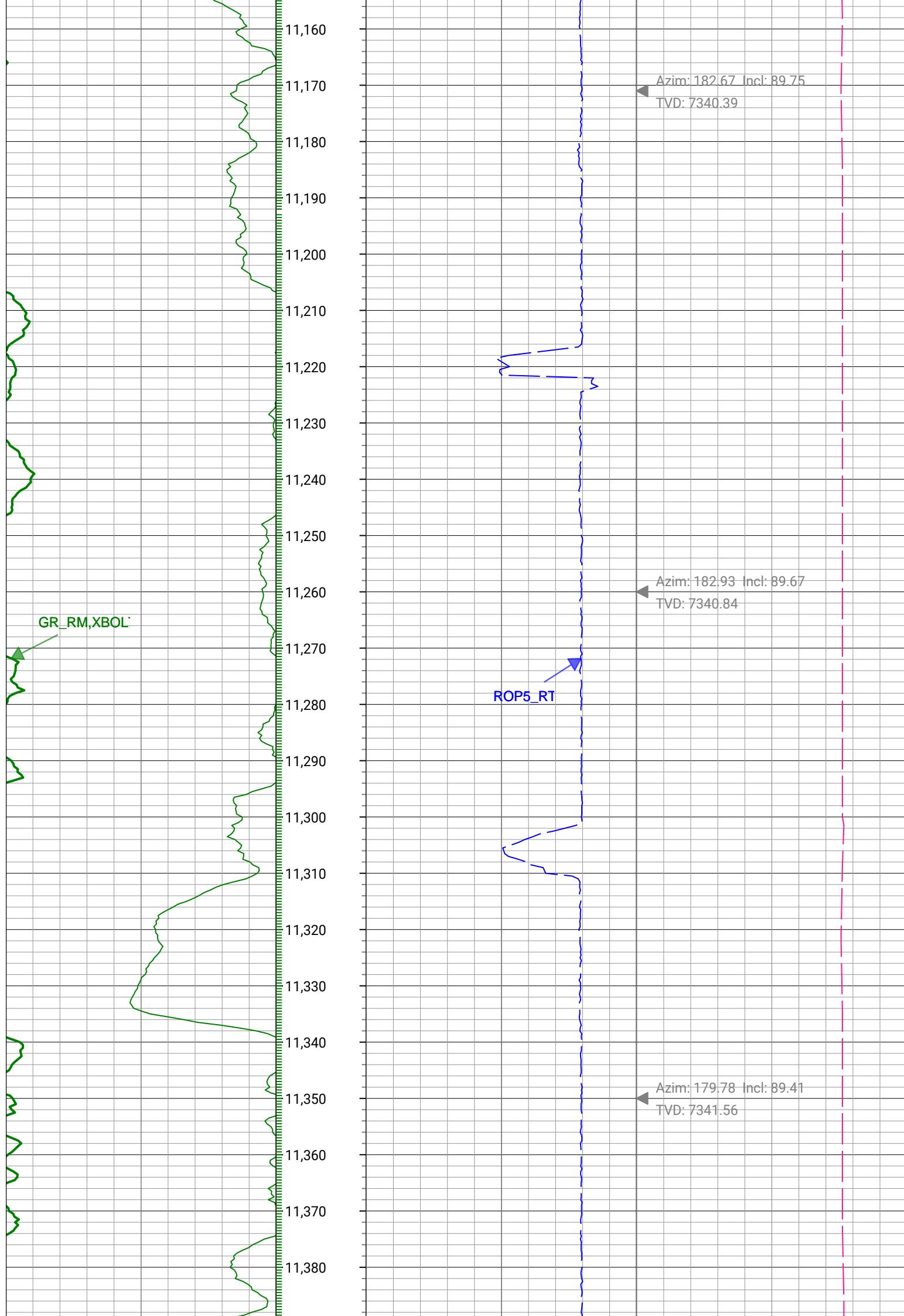


Azim: 178.69 Incl: 89.84
TVD: 7339.87

Azim: 183.32 Incl: 90.34
TVD: 7339.73

Azim: 181.03 Incl: 89.65
TVD: 7339.74





GR_RM,XBOL



Run 2
Start Depth: 11485 ft MD
Bit Size: 8.5in

ROP5_RT

Azim: 184.45 Incl: 89.89
TVD: 7342.12

Azim: 182.58 Incl: 89.95
TVD: 7342.24

TEMP_RT,XBOL

Azim: 179.78 Incl: 89.44
TVD: 7342.32

GR_RM,XBOL

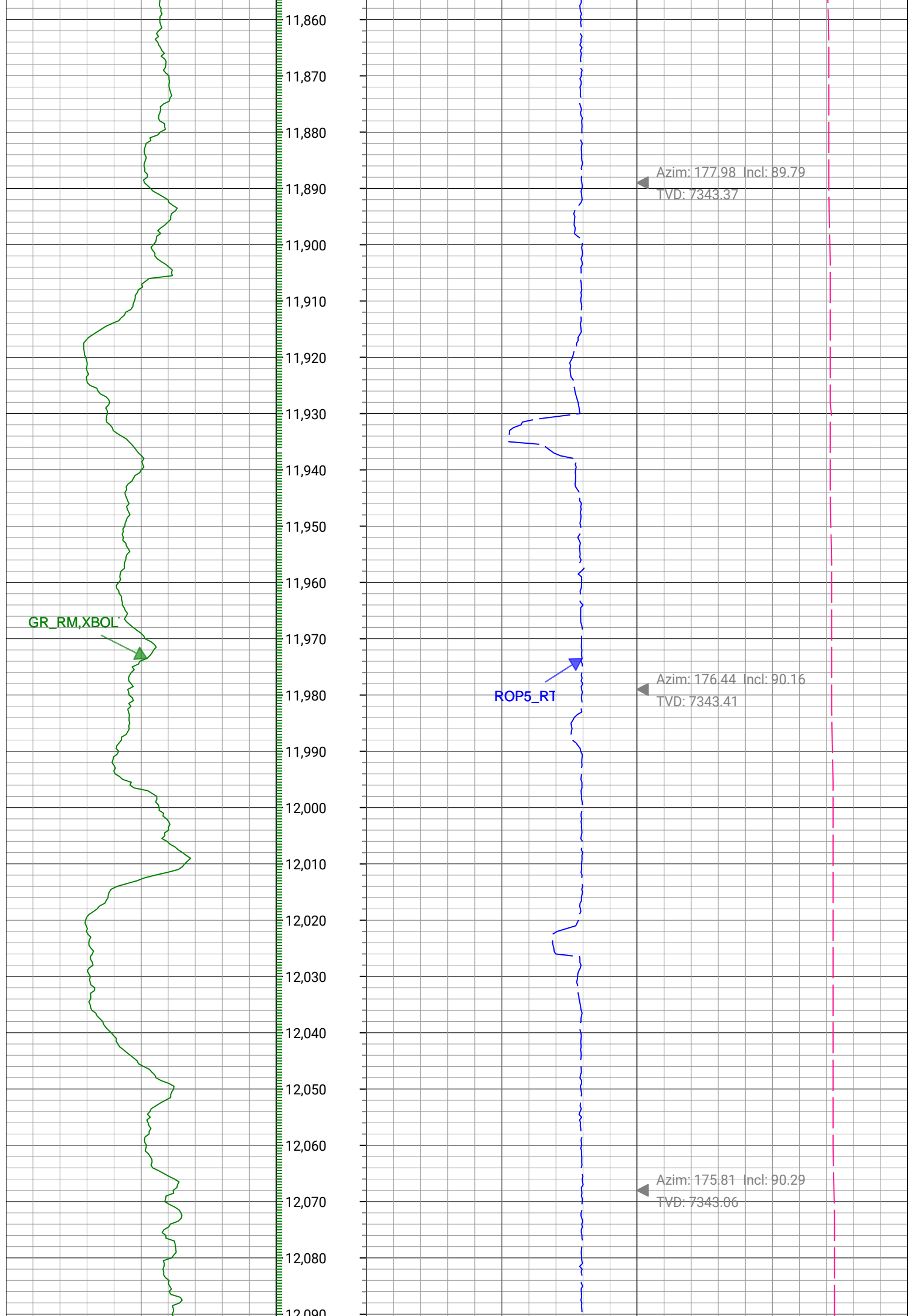


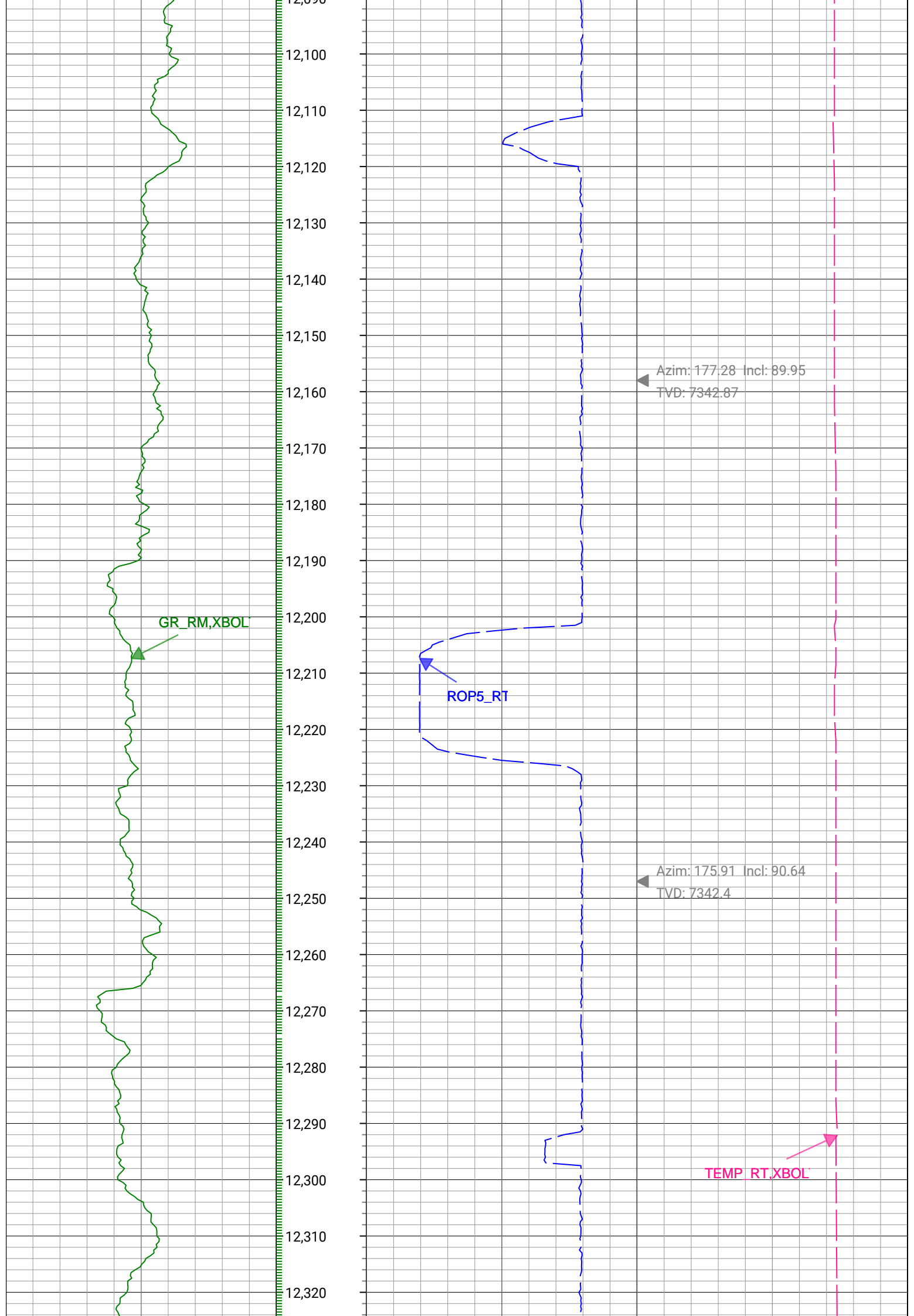
ROP5_RT

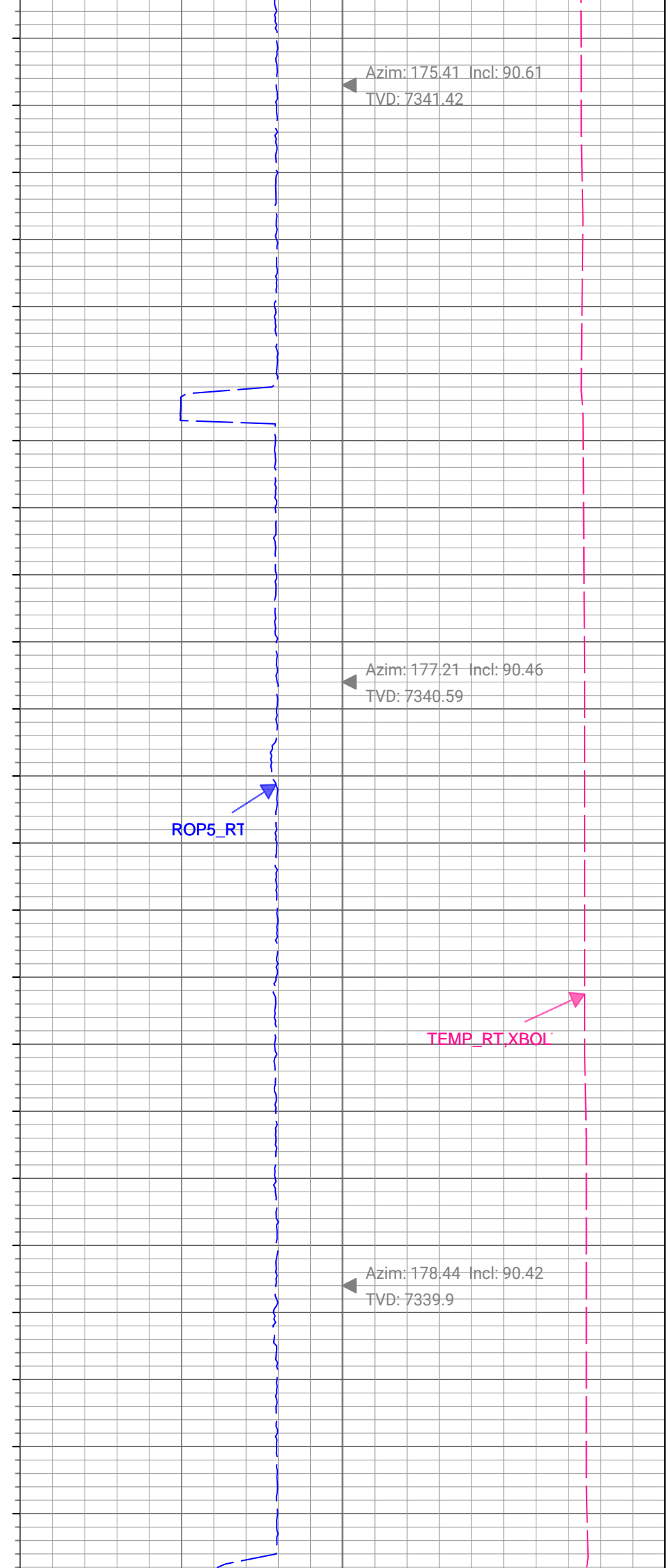
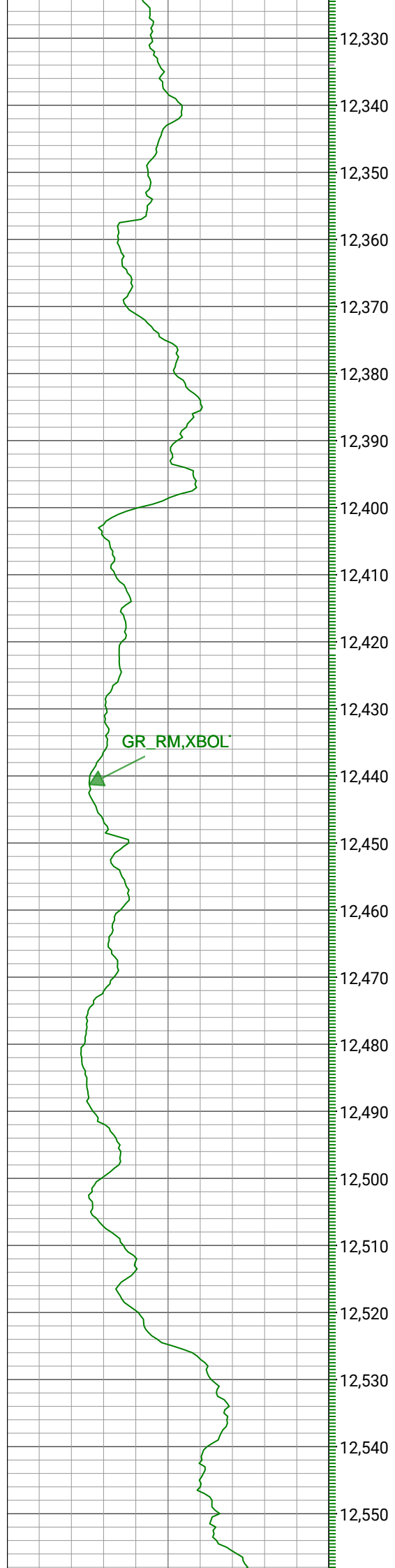


Azim: 180 Incl: 89.98
TVD: 7343.17

Azim: 176.81 Incl: 89.99
TVD: 7343.2







GR_RM, XBOL

ROP5_RT

Azim: 177.14 Incl: 90.49
TVD: 7339.2

Azim: 175.79 Incl: 90.82
TVD: 7338.19

Azim: 178.23 Incl: 89.98
TVD: 7337.56

GR_RM,XBOL

ROP5_RT

Azim: 181.19 Incl: 90.54
TVD: 7337.15

Azim: 182.56 Incl: 90.42
TVD: 7336.4

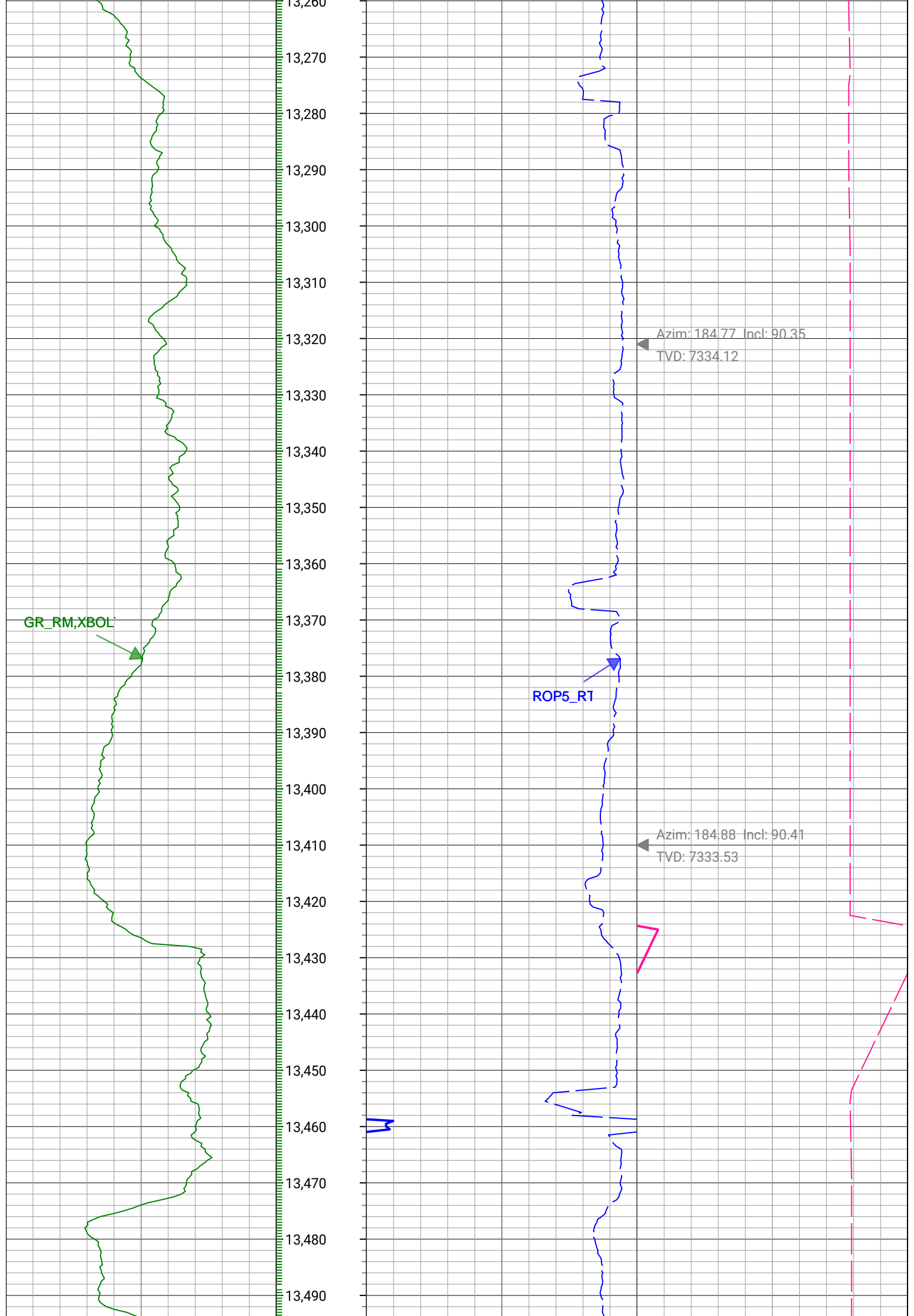
GR_RM,XBOL

ROP5_RT

Azim: 184.57 Incl: 90.24
TVD: 7335.88

Azim: 183.79 Incl: 90.27
TVD: 7335.48

Azim: 183.62 Incl: 90.56
TVD: 7334.84



GR_RM,XBOL



ROP5_RT



TEMP_RT,XBOL



Azim: 185.41 Incl: 90.62
TVD: 7332.72

Azim: 184.4 Incl: 89.75
TVD: 7332.43

Azim: 182.53 Incl: 91.06
TVD: 7331.79

GR_RM,XBOL



ROP5_RT

Azim: 177.92 Incl: 91.01
TVD: 7336.18

Azim: 175.34 Incl: 90.38
TVD: 7329.1

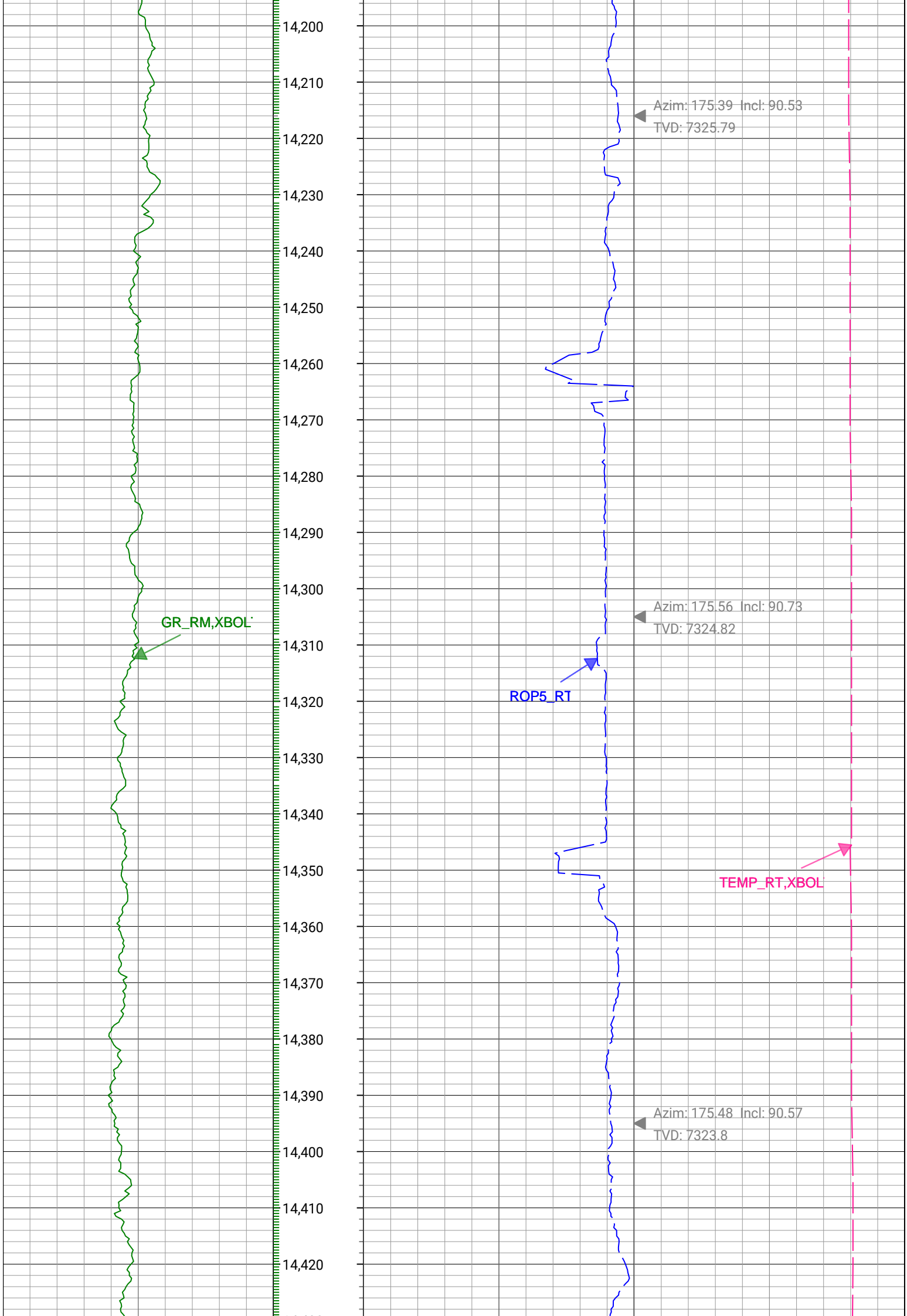
Azim: 175.18 Incl: 90.42
TVD: 7328.48

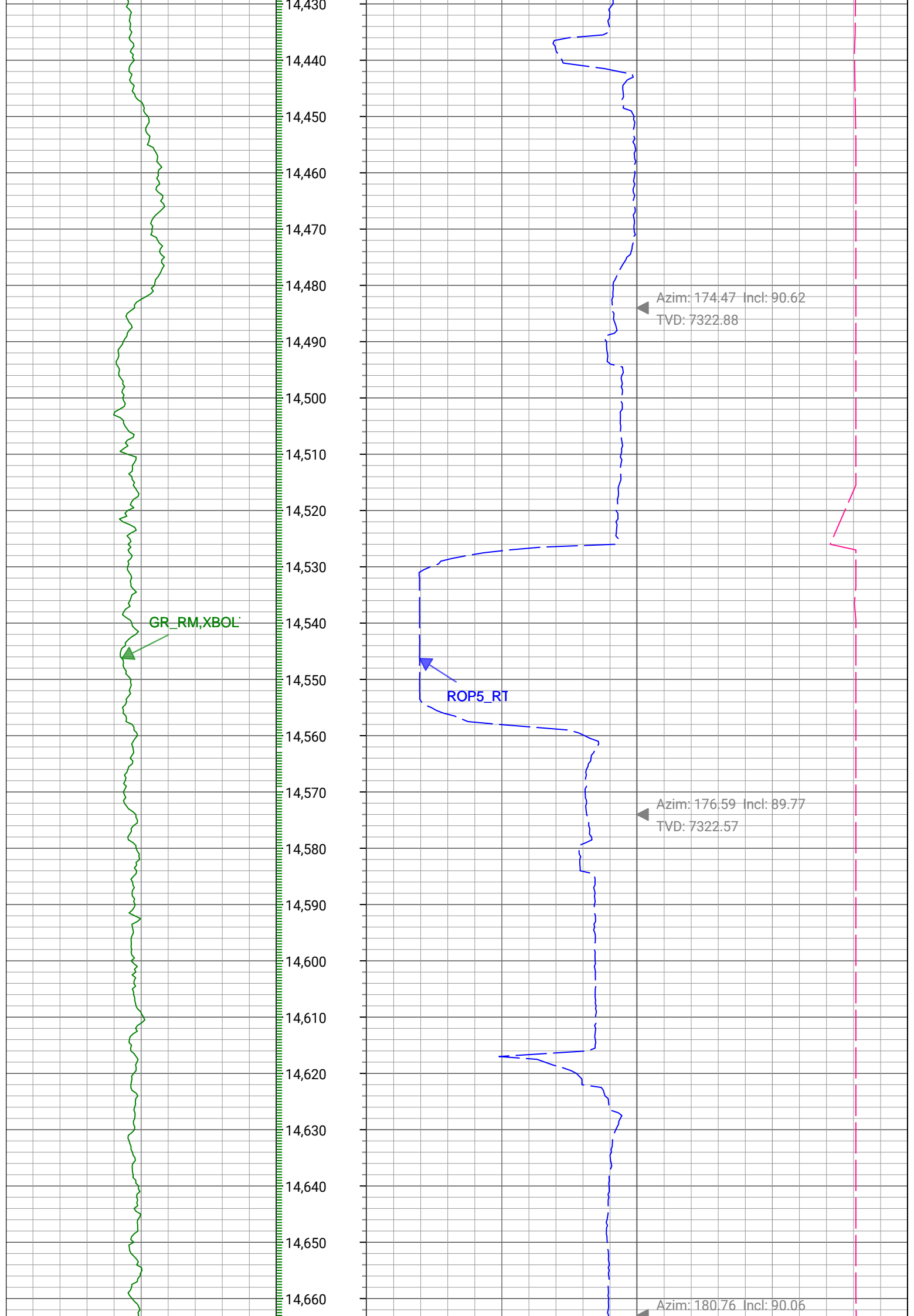
GR_RM,XBOL

ROP5_RT

Azim: 175.52 Incl: 90.63
TVD: 7327.66

Azim: 174.94 Incl: 90.61
TVD: 7326.69





GR_RM,XBOL



ROP5_R1



TVD: 7322.71



Azim: 180.85 Incl: 90.39
TVD: 7322.35



Azim: 182.29 Incl: 90.37
TVD: 7321.76



GR_RM,XBOL

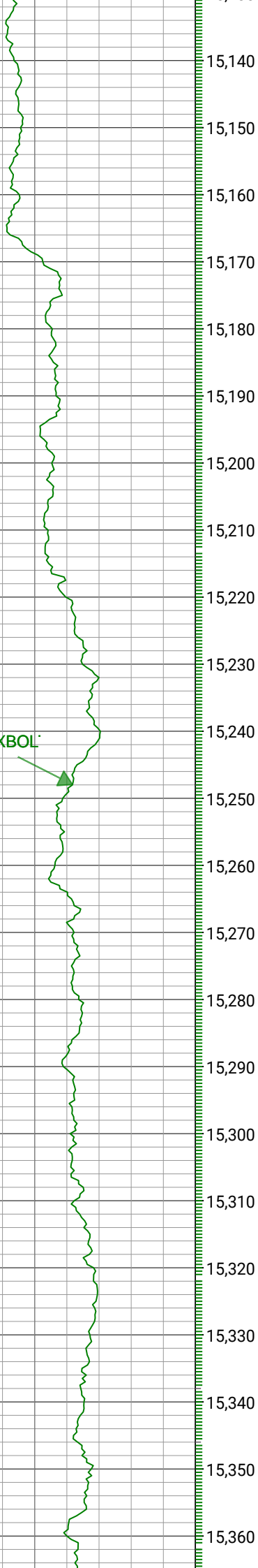
ROP5 RT

Azim: 183.29 Incl: 90.58
TVD: 7321.01

Azim: 183.11 Incl: 90.54
TVD: 7320.14

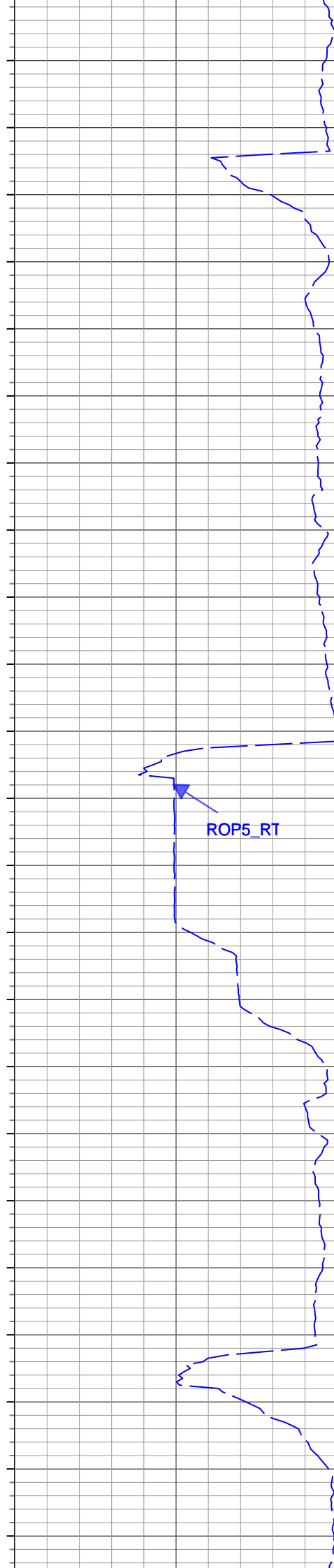
Azim: 182.99 Incl: 90.59
TVD: 7319.25

GR_RM,XBOL



15,140
15,150
15,160
15,170
15,180
15,190
15,200
15,210
15,220
15,230
15,240
15,250
15,260
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15,300
15,310
15,320
15,330
15,340
15,350
15,360

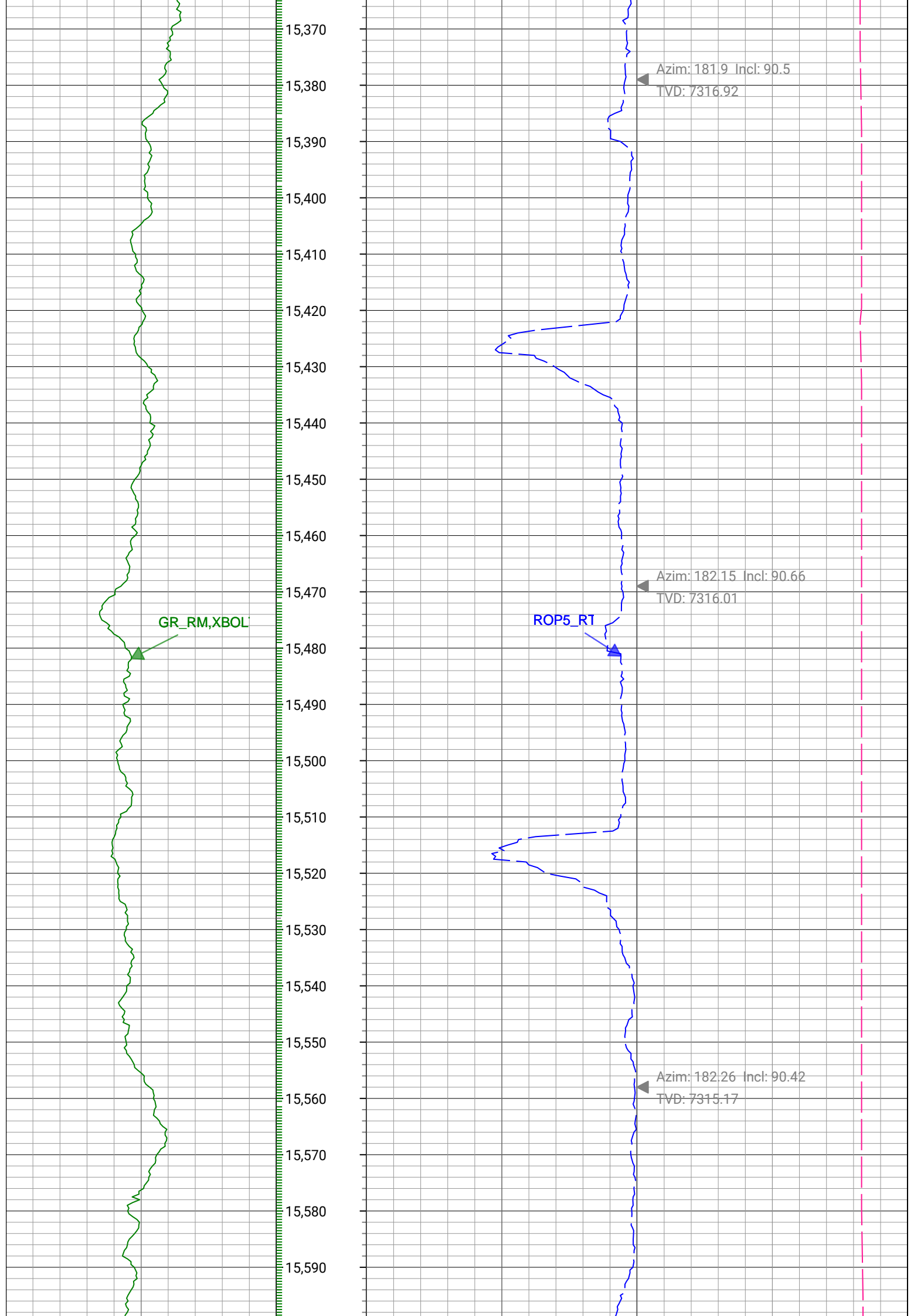
ROP5_RT

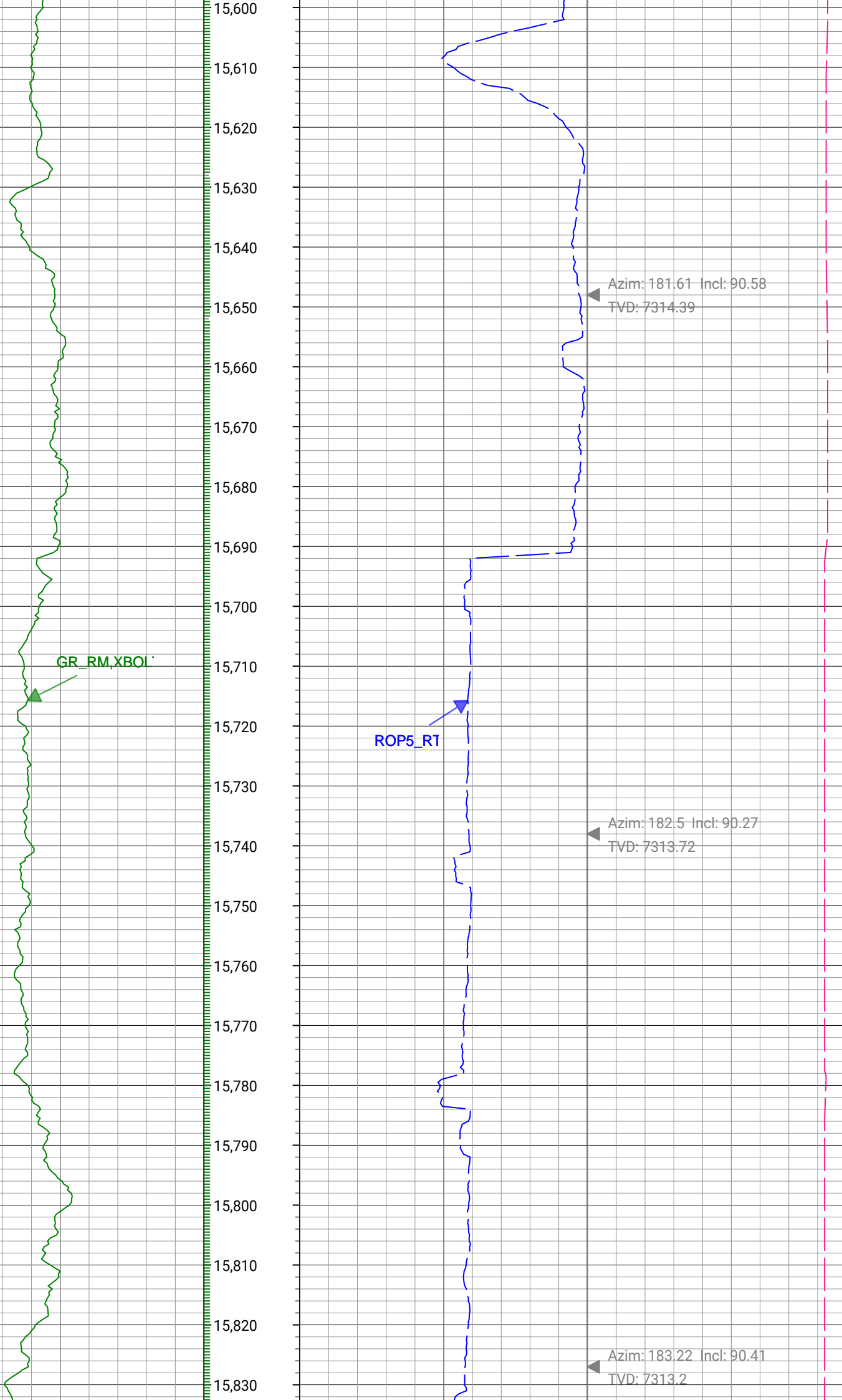


Azim: 181.7 Incl: 90.52
TVD: 7318.39

Azim: 180.97 Incl: 90.43
TVD: 7317.64







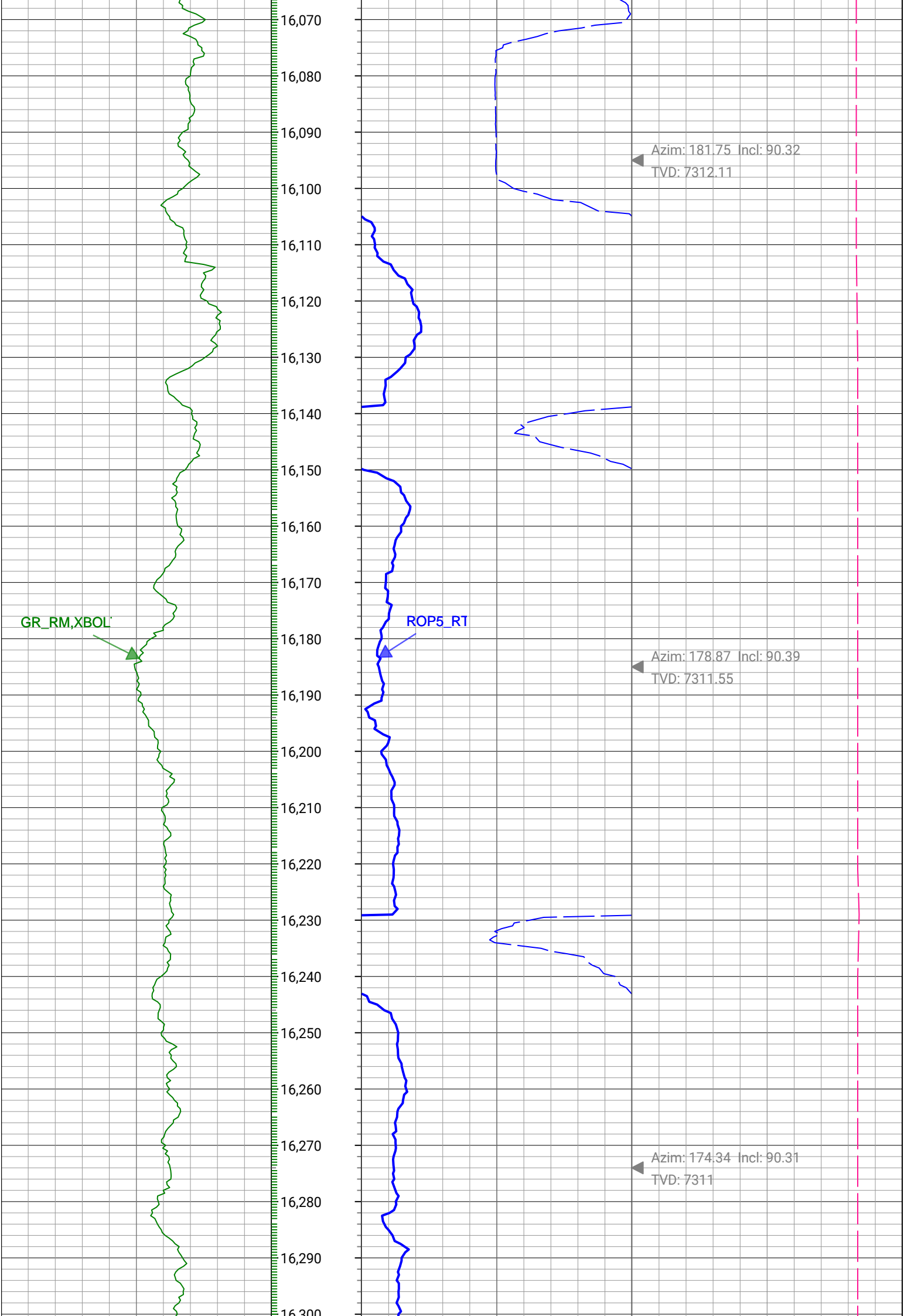
15,840
15,850
15,860
15,870
15,880
15,890
15,900
15,910
15,920
15,930
15,940
15,950
15,960
15,970
15,980
15,990
16,000
16,010
16,020
16,030
16,040
16,050
16,060

GR_RM,XBOL

ROP5_RT

Azim: 182.49 Incl: 90.23
TVD: 7312.7

Azim: 183.64 Incl: 90.1
TVD: 7312.43



GR_RM, XBOL



ROP5_RT



Azim: 175.45 Incl: 89.67
TVD: 7311.02

Azim: 176.6 Incl: 89.98
TVD: 7311.29

GR_RM, XBOL



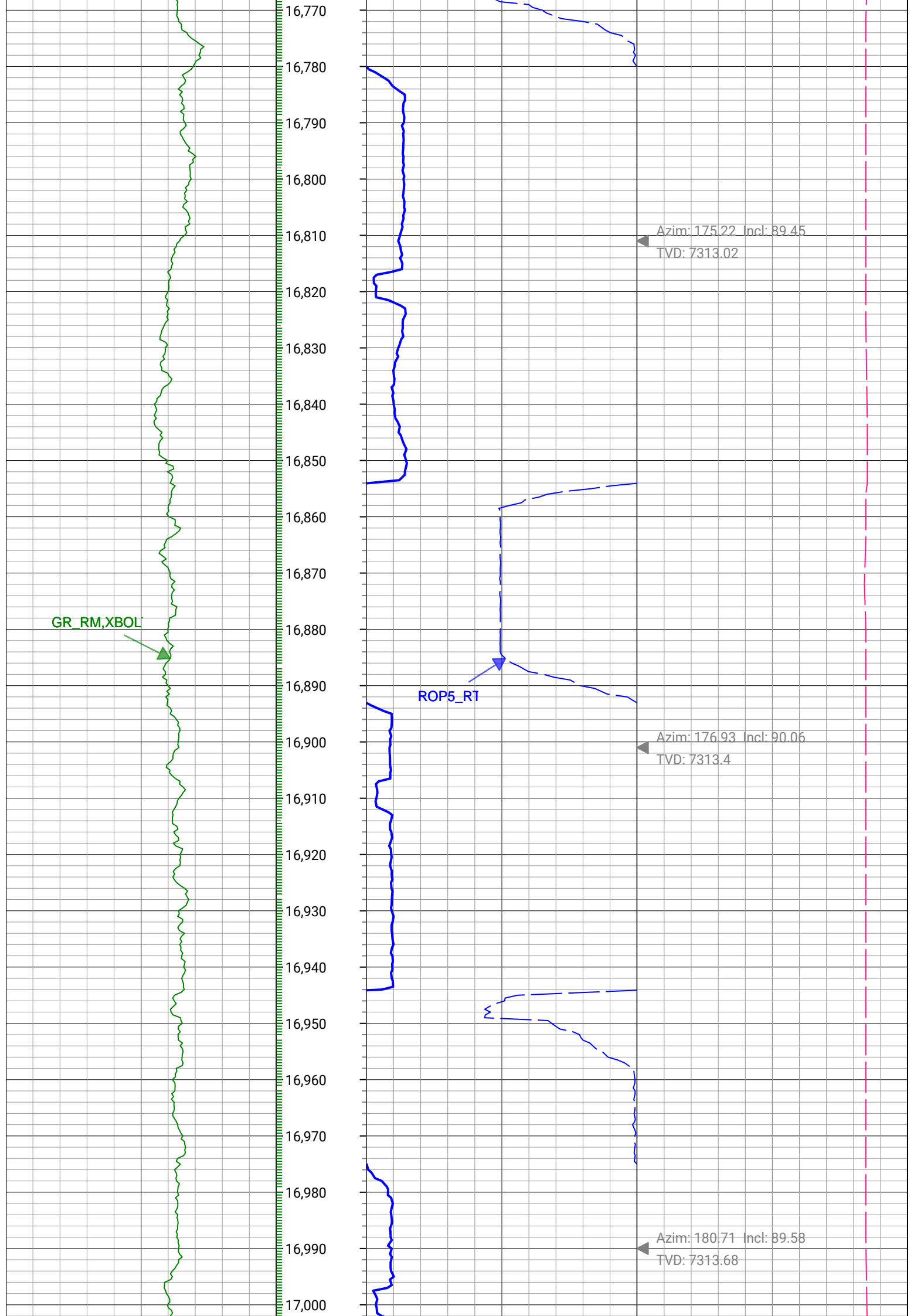
ROP5_RT



Azim: 175.04 Incl: 89.76
TVD: 7311.48

Azim: 176.39 Incl: 90.22
TVD: 7311.5

Azim: 173.75 Incl: 89.2
TVD: 7311.95



GR_RM, XBOL

Last GR Re...

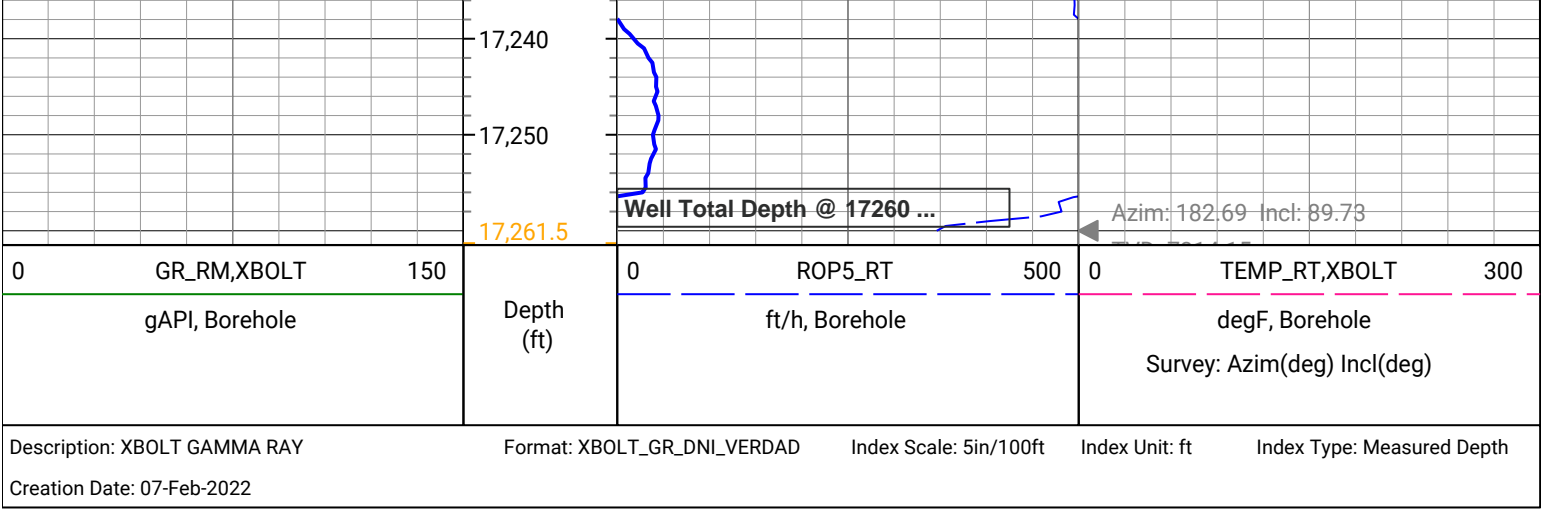
17,010
17,020
17,030
17,040
17,050
17,060
17,070
17,080
17,090
17,100
17,110
17,120
17,130
17,140
17,150
17,160
17,170
17,180
17,190
17,200
17,210
17,220
17,230

ROP5_RT

Azim: 182.08 Incl: 90.08
TVD: 7313.95

Azim: 181.75 Incl: 90.04
TVD: 7313.85

Azim: 182.69 Incl: 89.73
TVD: 7313.95



Survey Record

Survey Calculation

North Reference: True North

Tie In Point

Measured Depth:	0(ft)	Inclination:	0(deg)	Azimuth:	0(deg)
True Vertical Depth:	0(ft)	North Displacement:	0(ft)	East Displacement:	0(ft)

D&I Inits - Run - 1

Geomagnetic Model:	HDGM 2021	Geomagnetic Date:	10-Jan-2022 17:00:00
Location B:	51626.263(nT)	Location G:	998.982(mgn)
Magnetic Dip:	66.23(deg)	Magnetic Dec:	7.87(deg)
Total Correction:	7.87		

D&I Inits - Run - 2

Geomagnetic Model:	HDGM 2021	Geomagnetic Date:	08-Jan-2022 17:00:00
Location B:	51626.263(nT)	Location G:	998.982(mgn)
Magnetic Dip:	66.23(deg)	Magnetic Dec:	7.87(deg)
Total Correction:	7.87		

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
252	0.1	215.24	252	0.17	-0.17	-0.12	0.04	0.21	215.24	MWD
283	0.17	153.06	283	0.23	-0.23	-0.11	0.49	0.26	206.13	MWD
311	0.33	97.04	311	0.28	-0.28	-0.01	0.98	0.28	182.94	MWD
343	0.53	111.34	343	0.34	-0.34	0.22	0.7	0.4	147.89	MWD
373	0.57	118.93	373	0.46	-0.47	0.47	0.28	0.66	134.42	MWD
403	0.91	115.78	402.99	0.64	-0.64	0.82	1.14	1.04	128.02	MWD
433	1.07	128.56	432.99	0.91	-0.92	1.25	0.91	1.55	126.26	MWD
463	1.34	117.25	462.98	1.24	-1.25	1.78	1.2	2.18	125.11	MWD
493	1.84	124.38	492.97	1.67	-1.69	2.49	1.79	3.01	124.08	MWD
523	2.34	119.11	522.95	2.23	-2.26	3.43	1.78	4.1	123.37	MWD
553	2.52	112.91	552.93	2.78	-2.81	4.57	1.06	5.36	121.61	MWD
583	2.47	113.69	582.9	3.29	-3.33	5.77	0.2	6.66	119.98	MWD
613	2.47	105.36	612.87	3.71	-3.76	6.98	1.2	7.93	118.29	MWD
643	2.26	103.88	642.84	4.02	-4.07	8.18	0.73	9.14	116.46	MWD
673	2.28	107.14	672.82	4.33	-4.39	9.33	0.44	10.31	115.21	MWD
703	2.42	102.52	702.79	4.63	-4.7	10.51	0.78	11.52	114.1	MWD
733	2.55	99.43	732.77	4.87	-4.95	11.79	0.62	12.79	112.77	MWD

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
763	2.52	95.99	762.74	5.04	-5.13	13.11	0.52	14.07	111.37	MWD
793	2.55	89.21	792.71	5.09	-5.19	14.43	1	15.33	109.78	MWD
823	2.26	92.9	822.68	5.1	-5.21	15.69	1.1	16.53	108.37	MWD
853	2.3	99.15	852.66	5.22	-5.33	16.87	0.84	17.69	107.54	MWD
883	2.42	96.33	882.63	5.38	-5.5	18.1	0.56	18.91	106.91	MWD
913	2.16	97.19	912.61	5.51	-5.64	19.29	0.87	20.09	106.3	MWD
943	2.16	92.86	942.59	5.6	-5.74	20.41	0.54	21.2	105.7	MWD
973	2.08	91.56	972.57	5.64	-5.78	21.52	0.31	22.28	105.04	MWD
1003	2.19	98.96	1002.55	5.73	-5.89	22.63	0.99	23.38	104.58	MWD
1033	2.15	100.21	1032.52	5.91	-6.08	23.75	0.21	24.52	104.35	MWD
1063	2.06	93.22	1062.5	6.04	-6.21	24.84	0.91	25.61	104.02	MWD
1093	1.97	92.52	1092.49	6.08	-6.26	25.9	0.31	26.64	103.59	MWD
1123	1.91	89.83	1122.47	6.1	-6.28	26.91	0.36	27.63	103.13	MWD
1153	1.7	87.31	1152.45	6.07	-6.26	27.86	0.75	28.55	102.66	MWD
1183	1.36	83.28	1182.44	6	-6.19	28.65	1.19	29.32	102.2	MWD
1213	1.31	74	1212.43	5.86	-6.06	29.34	0.74	29.96	101.67	MWD
1243	1.25	66.83	1242.43	5.63	-5.84	29.97	0.57	30.53	101.02	MWD
1273	1.1	70.68	1272.42	5.4	-5.61	30.54	0.56	31.05	100.41	MWD
1303	0.82	67.31	1302.42	5.22	-5.43	31.01	0.95	31.48	99.94	MWD
1333	0.66	54.64	1332.41	5.04	-5.25	31.35	0.76	31.79	99.51	MWD
1363	0.57	41.86	1362.41	4.82	-5.04	31.59	0.55	31.99	99.06	MWD
1393	0.55	33.02	1392.41	4.59	-4.81	31.77	0.3	32.13	98.6	MWD
1423	0.57	26.58	1422.41	4.34	-4.55	31.91	0.22	32.24	98.12	MWD
1453	0.69	48.52	1452.41	4.08	-4.3	32.11	0.89	32.4	97.63	MWD
1483	0.51	55.8	1482.41	3.88	-4.11	32.36	0.65	32.62	97.23	MWD
1513	0.37	48.35	1512.4	3.74	-3.97	32.54	0.5	32.78	96.95	MWD
1543	0.15	46.11	1542.4	3.65	-3.87	32.64	0.73	32.87	96.77	MWD
1573	0.1	177.55	1572.4	3.65	-3.87	32.67	0.76	32.9	96.76	MWD
1603	0.22	99.91	1602.4	3.69	-3.91	32.73	0.74	32.96	96.81	MWD
1633	0.03	26.55	1632.4	3.69	-3.91	32.79	0.71	33.02	96.8	MWD
1663	0.15	291.22	1662.4	3.67	-3.89	32.76	0.52	32.99	96.77	MWD
1685	0.18	221.25	1684.4	3.68	-3.91	32.71	0.87	32.94	96.81	MWD
1781	0.48	190.07	1780.4	4.19	-4.42	32.54	0.35	32.84	97.73	MWD
1871	0.09	38.24	1870.4	4.51	-4.73	32.52	0.62	32.86	98.28	MWD
1960	0.05	253.97	1959.4	4.46	-4.68	32.53	0.15	32.86	98.19	MWD
2049	0.09	80.22	2048.4	4.46	-4.68	32.56	0.15	32.89	98.18	MWD
2139	0.06	135.25	2138.4	4.48	-4.7	32.66	0.08	33	98.2	MWD
2228	0.07	158.24	2227.4	4.57	-4.79	32.72	0.03	33.06	98.33	MWD
2318	0.04	199.25	2317.4	4.65	-4.88	32.73	0.06	33.09	98.48	MWD
2407	0.05	291.63	2406.4	4.67	-4.9	32.68	0.07	33.05	98.52	MWD
2496	0.1	333.74	2495.4	4.59	-4.81	32.61	0.08	32.97	98.39	MWD
2586	0.11	322.46	2585.4	4.46	-4.68	32.53	0.02	32.86	98.18	MWD
2675	0.07	220.71	2674.4	4.43	-4.65	32.44	0.15	32.78	98.16	MWD
2765	0.14	90.08	2764.4	4.47	-4.69	32.52	0.22	32.86	98.21	MWD
2854	3.61	86.3	2853.34	4.27	-4.51	35.42	3.89	35.71	97.26	MWD
2944	5.89	79.69	2943.03	3.21	-3.5	42.79	2.6	42.93	94.68	MWD
3033	7.89	81.15	3031.38	1.38	-1.75	53.32	2.26	53.34	91.88	MWD
3122	9.76	85.77	3119.32	-0.2	-0.25	66.87	2.25	66.87	90.21	MWD
3212	9.83	91.88	3208.01	-0.62	0.06	82.16	1.16	82.16	89.96	MWD
3301	11.65	95.73	3295.45	0.43	1.33	93.69	0.3	93.7	89.63	MWD

3301	11.65	95.73	3295.45	0.42	-1.09	98.69	2.2	98.7	90.63	MWD
3390	10.38	98.59	3382.81	2.39	-3.18	115.56	1.55	115.6	91.58	MWD
3480	9.4	98.43	3471.47	4.58	-5.47	130.85	1.09	130.96	92.39	MWD
3569	10.62	97.55	3559.12	6.62	-7.61	146.17	1.37	146.36	92.98	MWD
3658	10.56	96.44	3646.6	8.5	-9.61	162.4	0.24	162.68	93.38	MWD
3748	10.33	94.73	3735.11	9.98	-11.2	178.63	0.43	178.98	93.59	MWD
3837	10.31	99.14	3822.67	11.79	-13.12	194.44	0.89	194.88	93.86	MWD
3927	10.47	97.49	3911.2	14.03	-15.46	210.5	0.38	211.07	94.2	MWD
4016	10.57	98.12	3998.7	16.13	-17.67	226.6	0.17	227.29	94.46	MWD
4105	10.33	95.19	4086.23	17.89	-19.55	242.63	0.65	243.41	94.61	MWD
4195	10.37	97.04	4174.76	19.51	-21.27	258.71	0.37	259.58	94.7	MWD
4284	10.53	97.36	4262.29	21.42	-23.29	274.73	0.19	275.71	94.85	MWD
4374	10.79	96.13	4350.73	23.26	-25.25	291.26	0.38	292.35	94.95	MWD
4463	10.8	97.72	4438.16	25.16	-27.26	307.8	0.33	309.01	95.06	MWD
4552	9.27	98.45	4525.79	27.23	-29.43	323.15	1.73	324.49	95.2	MWD
4641	10.54	96.2	4613.47	29.06	-31.36	338.33	1.5	339.78	95.3	MWD
4731	10.58	96.28	4701.94	30.74	-33.15	354.73	0.05	356.28	95.34	MWD
4820	10.42	96.24	4789.45	32.4	-34.92	370.85	0.19	372.49	95.38	MWD
4909	10.43	95.14	4876.98	33.88	-36.52	386.87	0.22	388.59	95.39	MWD
4999	10.54	94.22	4965.48	35.11	-37.85	403.19	0.23	404.97	95.36	MWD
5088	10.72	96.51	5052.96	36.53	-39.39	419.53	0.51	421.38	95.36	MWD
5178	10.24	94.08	5141.45	37.94	-40.91	435.83	0.72	437.74	95.36	MWD
5267	10.61	95.24	5228.99	39.14	-42.22	451.88	0.48	453.85	95.34	MWD
5357	10.67	97.12	5317.44	40.82	-44.01	468.4	0.39	470.46	95.37	MWD
5446	10.58	95.69	5404.91	42.54	-45.84	484.7	0.31	486.87	95.4	MWD
5535	10.46	97.11	5492.42	44.24	-47.65	500.85	0.32	503.11	95.43	MWD
5625	9.96	96.98	5580.99	46.09	-49.61	516.68	0.55	519.05	95.48	MWD
5714	10.2	97.03	5668.62	47.88	-51.51	532.14	0.27	534.63	95.53	MWD
5803	10.25	97.66	5756.2	49.8	-53.53	547.81	0.14	550.42	95.58	MWD
5893	10.43	95.08	5844.74	51.48	-55.31	563.86	0.55	566.57	95.6	MWD
5982	10.51	96.07	5932.26	52.94	-56.89	579.96	0.22	582.74	95.6	MWD
6071	10.56	96.67	6019.76	54.63	-58.69	596.13	0.14	599.01	95.62	MWD
6160	10.25	96.12	6107.3	56.32	-60.48	612.1	0.37	615.08	95.64	MWD
6249	10.52	95.65	6194.84	57.85	-62.13	628.06	0.31	631.12	95.65	MWD
6339	10.36	96.05	6283.35	59.4	-63.79	644.28	0.19	647.43	95.65	MWD
6428	10.59	96.81	6370.87	61.1	-65.6	660.36	0.3	663.61	95.67	MWD
6518	10.38	97.1	6459.36	62.98	-67.58	676.61	0.24	679.98	95.7	MWD
6607	10.39	97.18	6546.91	64.86	-69.58	692.53	0.02	696.02	95.74	MWD
6697	10.62	95.92	6635.4	66.62	-71.45	708.83	0.36	712.42	95.76	MWD
6786	13.8	112.86	6722.4	71.47	-76.42	726.78	5.35	730.78	96	MWD
6876	18.88	126.4	6808.77	84.15	-89.24	748.41	7.02	753.71	96.8	MWD
6965	26.01	141.97	6891.05	107.95	-113.21	772.07	10.37	780.32	98.34	MWD
7055	32.96	153.09	6969.4	145.24	-150.66	795.35	9.81	809.49	100.73	MWD
7144	38.71	162.14	7041.57	193.26	-198.82	814.87	8.77	838.77	103.71	MWD
7233	42.72	167.78	7109.04	249.2	-254.85	829.81	6.1	868.06	107.07	MWD
7323	47.13	174.62	7172.79	311.87	-317.59	839.37	7.27	897.45	110.72	MWD
7412	53.06	178.97	7229.88	379.95	-385.7	843.08	7.64	927.11	114.58	MWD
7502	62.5	178.89	7277.81	455.98	-461.74	844.5	10.49	962.49	118.67	MWD
7591	73.66	176.85	7310.99	538.33	-544.11	847.61	12.72	1007.22	122.7	MWD
7681	83	175.36	7329.17	626.12	-631.94	853.61	10.5	1062.08	126.51	MWD

7770	90.22	180.23	7334.44	714.79	-720.64	857.02	9.77	1119.73	130.06	MWD
7860	89.37	179.6	7334.76	804.78	-810.63	857.16	1.17	1179.76	133.4	MWD
7949	89.18	178.49	7335.88	893.75	-899.61	858.64	1.27	1243.61	136.33	MWD
8039	90.44	180.96	7336.17	983.73	-989.6	859.07	3.09	1310.46	139.04	MWD
8128	90.19	184.6	7335.68	1072.64	-1078.48	854.75	4.09	1376.13	141.6	MWD
8218	89.9	183.27	7335.61	1162.46	-1168.27	848.58	1.51	1443.93	144.01	MWD
8307	91.29	185.45	7334.69	1251.24	-1257	841.81	2.91	1512.84	146.19	MWD
8397	89.1	183.64	7334.38	1340.99	-1346.71	834.68	3.15	1584.4	148.21	MWD
8486	89.57	181.46	7335.41	1429.92	-1435.61	830.73	2.5	1658.64	149.94	MWD
8576	89.13	180.98	7336.43	1519.9	-1525.58	828.81	0.72	1736.18	151.49	MWD
8665	88.54	186.81	7338.24	1608.68	-1614.32	822.78	6.59	1811.9	152.99	MWD
8754	88.67	180.66	7340.42	1697.46	-1703.06	816.98	6.91	1888.88	154.37	MWD
8843	89.91	181.27	7341.52	1786.44	-1792.04	815.48	1.56	1968.86	155.53	MWD
8933	89.93	181.97	7341.64	1876.42	-1882	812.94	0.77	2050.07	156.64	MWD
9022	90.23	180.61	7341.52	1965.41	-1970.98	810.94	1.57	2131.28	157.64	MWD
9112	89.8	178.63	7341.5	2055.4	-2060.97	811.55	2.25	2214.99	158.51	MWD
9201	89.62	177.21	7341.95	2144.31	-2149.91	814.78	1.61	2299.12	159.24	MWD
9291	89.74	177.64	7342.45	2234.19	-2239.81	818.83	0.5	2384.79	159.92	MWD
9381	89.91	177.35	7342.72	2324.07	-2329.73	822.76	0.38	2470.74	160.55	MWD
9470	89.62	177.77	7343.09	2412.96	-2418.65	826.55	0.58	2555.98	161.13	MWD
9560	90.18	176.72	7343.24	2502.83	-2508.54	830.87	1.32	2642.56	161.67	MWD
9649	89.92	177.2	7343.17	2591.67	-2597.41	835.59	0.61	2728.51	162.17	MWD
9739	90.41	178.33	7342.91	2681.57	-2687.34	839.1	1.36	2815.3	162.66	MWD
9828	89.99	179.07	7342.59	2770.53	-2776.32	841.12	0.96	2900.94	163.15	MWD
9918	90.68	179.24	7342.06	2860.51	-2866.31	842.45	0.78	2987.55	163.62	MWD
10007	90.51	180.63	7341.14	2949.5	-2955.3	842.55	1.58	3073.06	164.09	MWD
10097	90.28	182.67	7340.53	3039.47	-3045.26	839.96	2.28	3158.97	164.58	MWD
10186	90.18	183.08	7340.17	3128.38	-3134.14	835.49	0.48	3243.59	165.07	MWD
10276	90.05	182.07	7340	3218.32	-3224.05	831.45	1.14	3329.54	165.54	MWD
10365	89.78	182.27	7340.13	3307.27	-3312.99	828.09	0.38	3414.91	165.97	MWD
10455	89.94	181.61	7340.36	3397.24	-3402.94	825.05	0.76	3501.52	166.37	MWD
10544	90.18	180.04	7340.26	3486.24	-3491.92	823.77	1.78	3587.77	166.73	MWD
10634	90.24	177.65	7339.93	3576.2	-3581.9	825.58	2.66	3675.81	167.02	MWD
10723	89.84	178.69	7339.87	3665.13	-3670.85	828.42	1.25	3763.17	167.28	MWD
10813	90.34	183.32	7339.73	3755.1	-3760.81	826.84	5.18	3850.63	167.6	MWD
10902	89.65	181.03	7339.74	3844.05	-3849.74	823.46	2.69	3936.83	167.93	MWD
10992	90.09	176.14	7339.94	3933.97	-3939.69	825.68	5.46	4025.28	168.16	MWD
11081	89.79	181.84	7340.03	4022.91	-4028.64	827.25	6.41	4112.69	168.4	MWD
11171	89.75	182.67	7340.39	4112.86	-4118.56	823.71	0.93	4200.13	168.69	MWD
11260	89.67	182.93	7340.84	4201.78	-4207.46	819.36	0.31	4286.5	168.98	MWD
11350	89.41	179.78	7341.56	4291.76	-4297.42	817.23	3.51	4374.43	169.23	MWD
11442	89.89	184.45	7342.12	4383.69	-4389.33	813.84	5.1	4464.14	169.5	MWD
11531	89.95	182.58	7342.24	4472.55	-4478.16	808.38	2.1	4550.53	169.77	MWD
11621	89.44	179.78	7342.72	4562.53	-4568.13	806.53	3.16	4638.78	169.99	MWD
11710	89.98	180	7343.17	4651.53	-4657.12	806.7	0.65	4726.48	170.17	MWD
11800	89.99	176.81	7343.2	4741.46	-4747.08	809.2	3.55	4815.55	170.33	MWD
11889	89.79	177.98	7343.37	4830.34	-4835.98	813.25	1.33	4903.89	170.45	MWD
11979	90.16	176.44	7343.41	4920.2	-4925.87	817.64	1.76	4993.27	170.58	MWD
12068	90.29	175.81	7343.06	5008.95	-5014.67	823.65	0.72	5081.86	170.67	MWD
12158	89.95	177.28	7342.87	5098.74	-5104.5	829.07	1.68	5171.39	170.77	MWD

12247	90.64	175.91	7342.4	5187.54	-5193.34	834.35	1.72	5259.94	170.87	MWD
12337	90.61	175.41	7341.42	5277.23	-5283.08	841.16	0.56	5349.62	170.95	MWD
12426	90.46	177.21	7340.59	5366	-5371.89	846.89	2.04	5438.23	171.04	MWD
12516	90.42	178.44	7339.9	5455.9	-5461.82	850.3	1.36	5527.61	171.15	MWD
12605	90.49	177.14	7339.2	5544.81	-5550.75	853.73	1.45	5616.02	171.26	MWD
12694	90.82	175.79	7338.19	5633.59	-5639.57	859.21	1.57	5704.65	171.34	MWD
12783	89.98	178.23	7337.56	5722.43	-5728.44	863.86	2.89	5793.21	171.42	MWD
12873	90.54	181.19	7337.15	5812.41	-5818.43	864.32	3.35	5882.27	171.55	MWD
12962	90.42	182.56	7336.4	5901.37	-5907.37	861.4	1.55	5969.85	171.7	MWD
13052	90.24	184.57	7335.88	5991.23	-5997.19	855.81	2.23	6057.95	171.88	MWD
13142	90.27	183.79	7335.48	6081.03	-6086.95	849.25	0.86	6145.91	172.06	MWD
13231	90.56	183.62	7334.84	6169.88	-6175.76	843.5	0.37	6233.1	172.22	MWD
13321	90.35	184.77	7334.12	6259.68	-6265.52	836.91	1.3	6321.17	172.39	MWD
13410	90.41	184.88	7333.53	6348.41	-6354.2	829.42	0.14	6408.11	172.56	MWD
13500	90.62	185.41	7332.72	6438.09	-6443.83	821.35	0.64	6495.97	172.74	MWD
13589	89.75	184.4	7332.43	6526.82	-6532.51	813.74	1.49	6582.99	172.9	MWD
13679	91.06	182.53	7331.79	6616.68	-6622.33	808.29	2.54	6671.48	173.04	MWD
13768	91.01	177.92	7330.18	6705.64	-6711.29	807.94	5.18	6759.75	173.14	MWD
13858	90.38	175.34	7329.1	6795.43	-6801.12	813.23	2.96	6849.57	173.18	MWD
13947	90.42	175.18	7328.48	6884.07	-6889.82	820.59	0.19	6938.51	173.21	MWD
14037	90.63	175.52	7327.66	6973.72	-6979.52	827.89	0.45	7028.45	173.24	MWD
14126	90.61	174.94	7326.69	7062.35	-7068.2	835.29	0.65	7117.39	173.26	MWD
14216	90.53	175.39	7325.79	7151.97	-7157.88	842.87	0.51	7207.33	173.28	MWD
14305	90.73	175.56	7324.82	7240.64	-7246.59	849.89	0.29	7296.26	173.31	MWD
14395	90.57	175.48	7323.8	7330.31	-7336.31	856.92	0.19	7386.19	173.34	MWD
14484	90.62	174.47	7322.88	7418.91	-7424.97	864.71	1.14	7475.15	173.36	MWD
14574	89.77	176.59	7322.57	7508.58	-7514.69	871.73	2.55	7565.08	173.38	MWD
14663	90.06	180.76	7322.71	7597.52	-7603.64	873.78	4.7	7653.68	173.44	MWD
14753	90.39	180.85	7322.35	7687.52	-7693.63	872.51	0.37	7742.95	173.53	MWD
14842	90.37	182.29	7321.76	7776.49	-7782.59	870.07	1.62	7831.08	173.62	MWD
14932	90.58	183.29	7321.01	7866.41	-7872.48	865.69	1.13	7919.94	173.72	MWD
15021	90.54	183.11	7320.14	7955.3	-7961.34	860.72	0.21	8007.73	173.83	MWD
15111	90.59	182.99	7319.25	8045.2	-8051.21	855.94	0.14	8096.58	173.93	MWD
15200	90.52	181.7	7318.39	8134.14	-8140.13	852.3	1.45	8184.63	174.02	MWD
15290	90.43	180.97	7317.64	8224.12	-8230.1	850.2	0.81	8273.9	174.1	MWD
15379	90.5	181.9	7316.92	8313.1	-8319.07	847.96	1.05	8362.17	174.18	MWD
15469	90.66	182.15	7316.01	8403.06	-8409.01	844.78	0.33	8451.33	174.26	MWD
15558	90.42	182.26	7315.17	8492.01	-8497.94	841.35	0.29	8539.49	174.35	MWD
15648	90.58	181.61	7314.39	8581.98	-8587.88	838.31	0.73	8628.7	174.42	MWD
15738	90.27	182.5	7313.72	8671.94	-8677.82	835.08	1.04	8717.91	174.5	MWD
15827	90.41	183.22	7313.2	8760.85	-8766.71	830.64	0.82	8805.97	174.59	MWD
15916	90.23	182.49	7312.7	8849.77	-8855.59	826.2	0.85	8894.05	174.67	MWD
16006	90.1	183.64	7312.43	8939.67	-8945.46	821.4	1.28	8983.1	174.75	MWD
16095	90.32	181.75	7312.11	9028.59	-9034.36	817.22	2.13	9071.25	174.83	MWD
16185	90.39	178.87	7311.55	9118.58	-9124.35	816.72	3.2	9160.83	174.89	MWD
16274	90.31	174.34	7311	9207.36	-9213.17	821.99	5.1	9249.76	174.9	MWD
16364	89.67	175.45	7311.02	9296.94	-9302.81	830	1.42	9339.76	174.9	MWD
16453	89.98	176.6	7311.29	9385.68	-9391.59	836.17	1.35	9428.74	174.91	MWD
16542	89.76	175.04	7311.48	9474.4	-9480.35	842.65	1.77	9517.73	174.92	MWD
16632	90.22	176.39	7311.5	9564.1	-9570.1	849.37	1.59	9607.72	174.93	MWD

16721	89.2	173.75	7311.95	9652.7	-9658.76	857.02	3.19	9696.71	174.93	MWD
16811	89.45	175.22	7313.02	9742.22	-9748.33	865.68	1.66	9786.7	174.93	MWD
16901	90.06	176.93	7313.4	9831.96	-9838.12	871.84	2.02	9876.67	174.94	MWD
16990	89.58	180.71	7313.68	9920.9	-9927.08	873.68	4.29	9965.45	174.97	MWD
17080	90.08	182.08	7313.95	10010.89	-10017.05	871.49	1.62	10054.89	175.03	MWD
17169	90.04	181.75	7313.85	10099.86	-10106	868.52	0.38	10143.25	175.09	MWD
17218	89.73	182.69	7313.95	10148.83	-10154.97	866.62	2.02	10191.88	175.12	MWD
17260	89.73	182.69	7314.15	10190.8	-10196.92	864.65	0.01	10233.51	175.15	Manual

Company:

Verdad Resources LLC

Well:

County Line 3107-11H

Field Name:

Wattenberg

Country Name:


United States

State Name:

Colorado

County Name:

Weld



XBOLT GAMMA RAY

5in/100ft Measured Depth

Field Print

Recorded Mode