XBOLT GAMMA RAY
1in/100ft Measured Depth
Final Print
Recorded Mode

Schlumberger

Company:	Verdad Resources LLC	Log Measured From:Drill Floor	
Well:	County Line 3130 - 05H	Drill Floor Elevation:5058.00(ft)	
Field Name:	Wattenberg	Ground Level Elevation:5037.00(ft)	
Country Name:	United States	Permanent Datum:Sea Level	
State Name:	Colorado		
County Name:	Weld		
Latitude:	40°00'05.245"N	Log Interval:	2379.00--17788.03(ft)
Longitude:	104°42'12.419"W	Depth Source:	Driller's Depth
Spud Date:	07-Feb-2022		
API Number:	05-123-51177	Northing:	1244379.84(ft)
Rig Name:	PD464	Easting:	3223148.63(ft)
Rig Type:	Land rig	Coordinate System:Plane, Northern Zone, US Feet	NAD83 Colorado State
		Job Number:	22CCO0024
		Print Type:	Final Print

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)

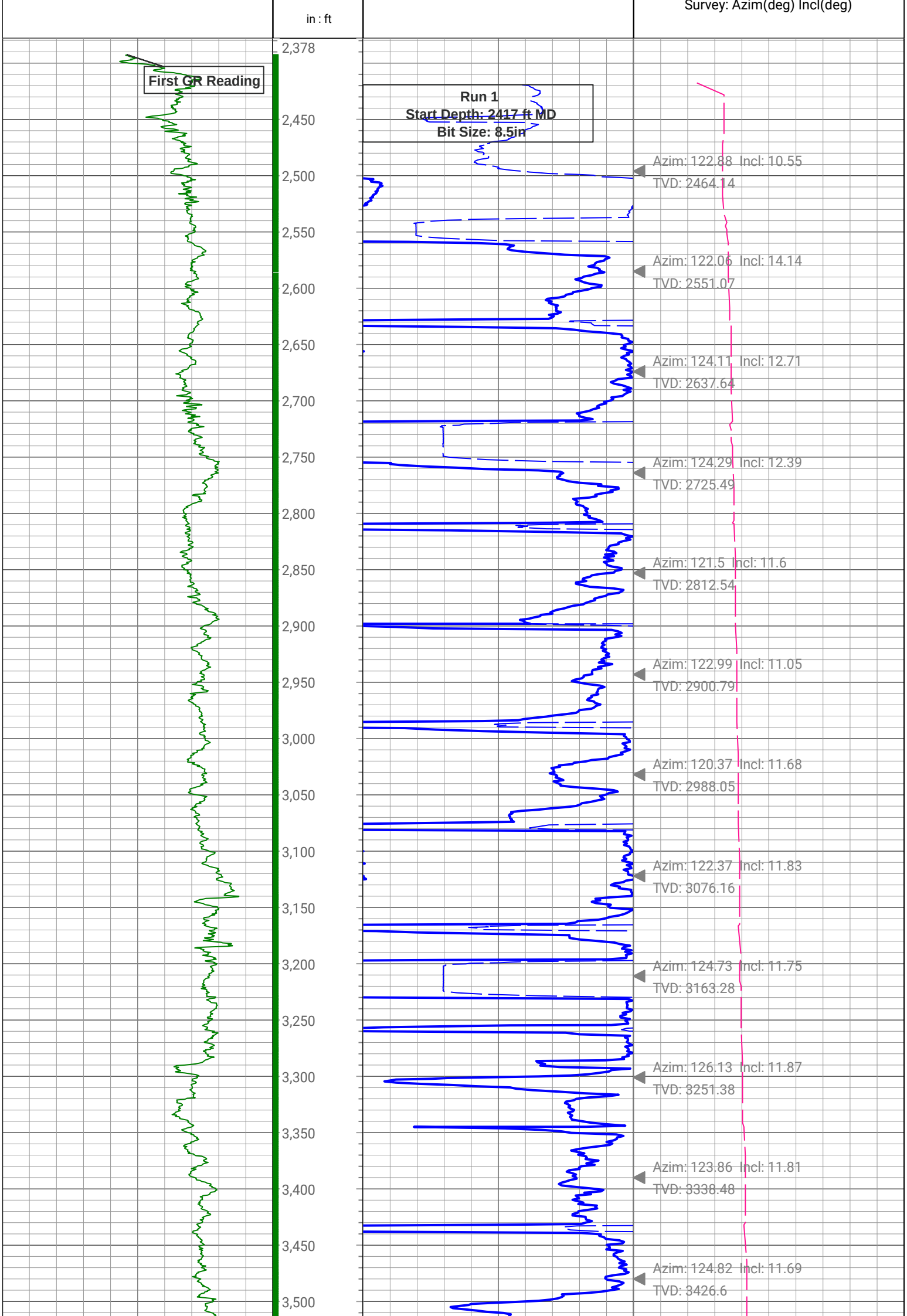
DateTime Log Started	08-Feb-2022 05:37:08	DateTime Log Finished	11-Feb-2022 17:23:24
Start Depth (ft)	2417	Stop Depth (ft)	17788
Mud Type	Oil Based Mud	Mud Density (lbm/gal)	9.7
Potassium (%)	0	Barite	Yes
GR Sensor Offset (ft)	25.34	Calibration Coefficient	0
DNI Sensor Offset (ft)	38.55		

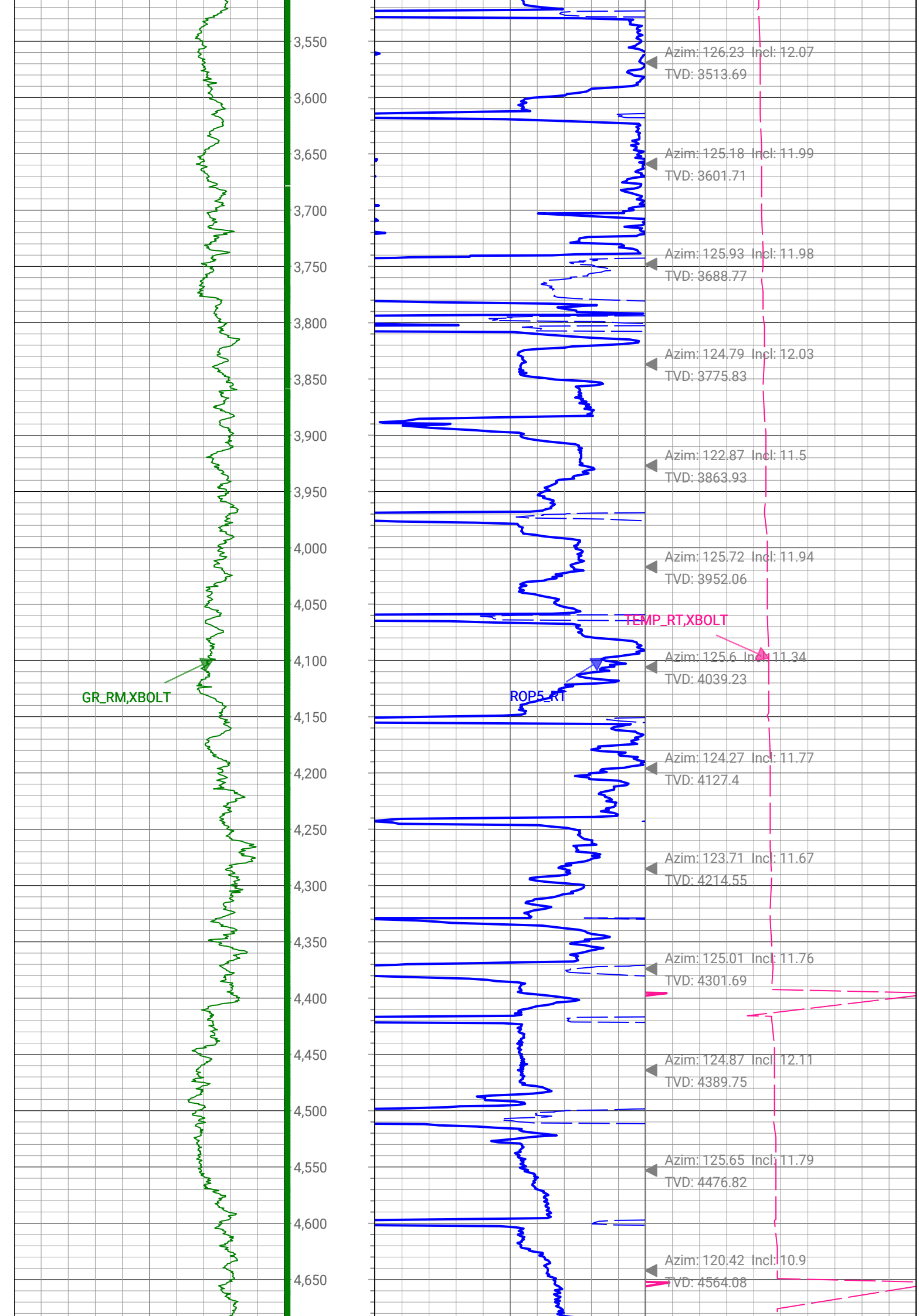
Log

Description: XBOLT GAMMA RAY Format: XBOLT_GR_DNI_VERDAD Index Scale: 1in/100ft Index Unit: ft Index Type: Measured Depth

Creation Date: 12-Feb-2022

GR_RM,XBOLT			Depth	ROP5_RT			TEMP_RT,XBOLT		
0	gAPI, Borehole	150	1 : 100	0	ft/h, Borehole	500	0	degF, Borehole	300


in : ft
Survey: Azim(deg) Incl(deg)
First GR Reading
Run 1
Start Depth: 2417 ft MD
Bit Size: 8.5in
2,378
2,450
2,500
2,550
2,600
2,650
2,700
2,750
2,800
2,850
2,900
2,950
3,000
3,050
3,100
3,150
3,200
3,250
3,300
3,350
3,400
3,450
3,500
Azim: 122.88 Incl: 10.55
TVD: 2464.14
Azim: 122.06 Incl: 14.14
TVD: 2551.07
Azim: 124.11 Incl: 12.71
TVD: 2637.64
Azim: 124.29 Incl: 12.39
TVD: 2725.49
Azim: 121.5 Incl: 11.6
TVD: 2812.54
Azim: 122.99 Incl: 11.05
TVD: 2900.79
Azim: 120.37 Incl: 11.68
TVD: 2988.05
Azim: 122.37 Incl: 11.83
TVD: 3076.16
Azim: 124.73 Incl: 11.75
TVD: 3163.28
Azim: 126.13 Incl: 11.87
TVD: 3251.38
Azim: 123.86 Incl: 11.81
TVD: 3338.48
Azim: 124.82 Incl: 11.69
TVD: 3426.6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3,700
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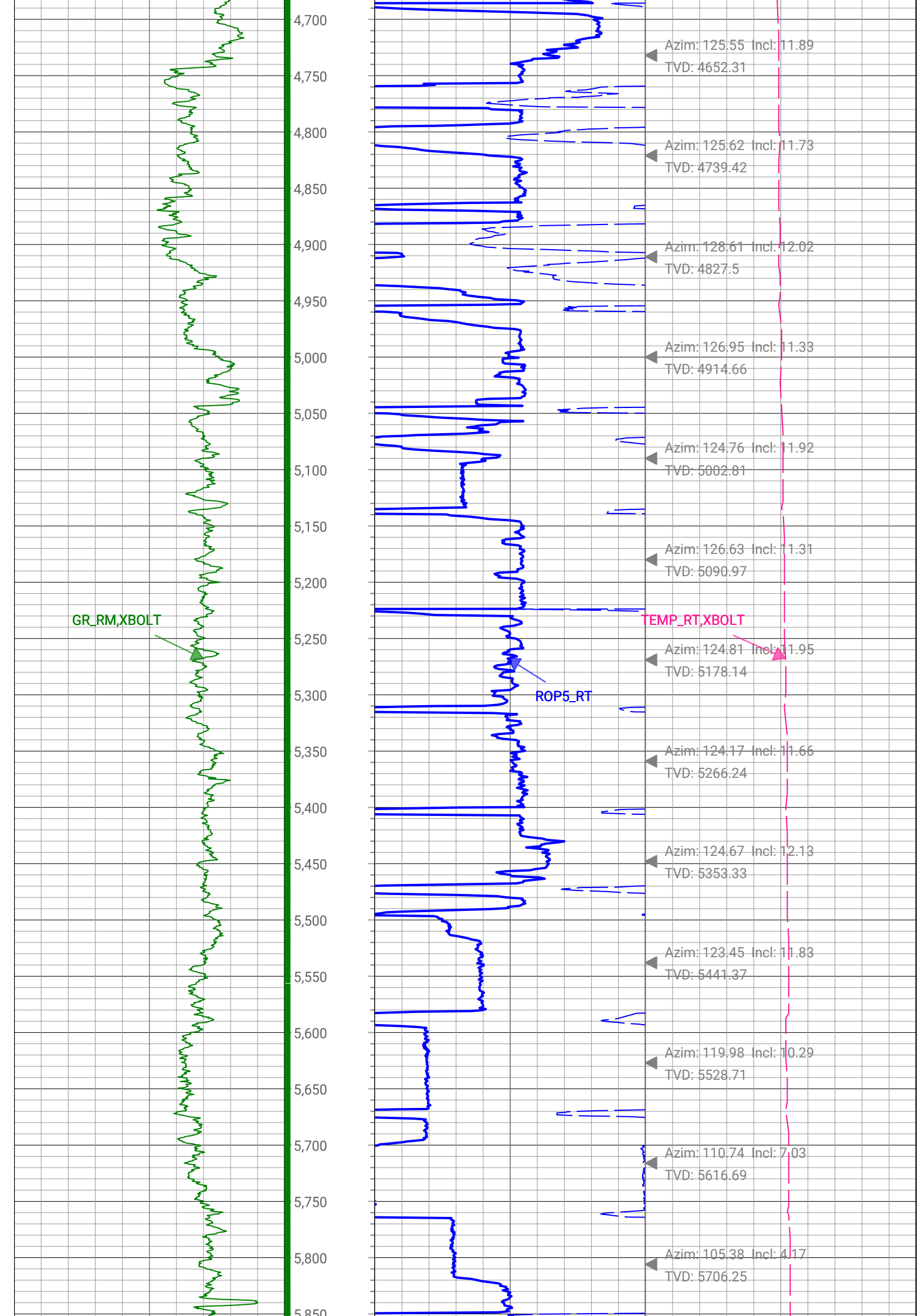
3,800
3,850
3,900
3,950
4,000
4,050
4,100
4,150
4,200
4,250
4,300
4,350
4,400
4,450
4,500
4,550
4,600
4,650
GR_RM,XBOLT
ROP5_RT
TEMP_RT,XBOLT
Azim: 126.23 Incl: 12.07
TVD: 3513.69
Azim: 125.18 Incl: 11.99
TVD: 3601.71
Azim: 125.93 Incl: 11.98
TVD: 3688.77
Azim: 124.79 Incl: 12.03
TVD: 3775.83
Azim: 122.87 Incl: 11.5
TVD: 3863.93
Azim: 125.72 Incl: 11.94
TVD: 3952.06
Azim: 125.6 Incl: 11.34
TVD: 4039.23
Azim: 124.27 Incl: 11.77
TVD: 4127.4
Azim: 123.71 Incl: 11.67
TVD: 4214.55
Azim: 125.01 Incl: 11.76
TVD: 4301.69
Azim: 124.87 Incl: 12.11
TVD: 4389.75
Azim: 125.65 Incl: 11.79
TVD: 4476.82
Azim: 120.42 Incl: 10.9
TVD: 4564.08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4,950
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5,050
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5,400
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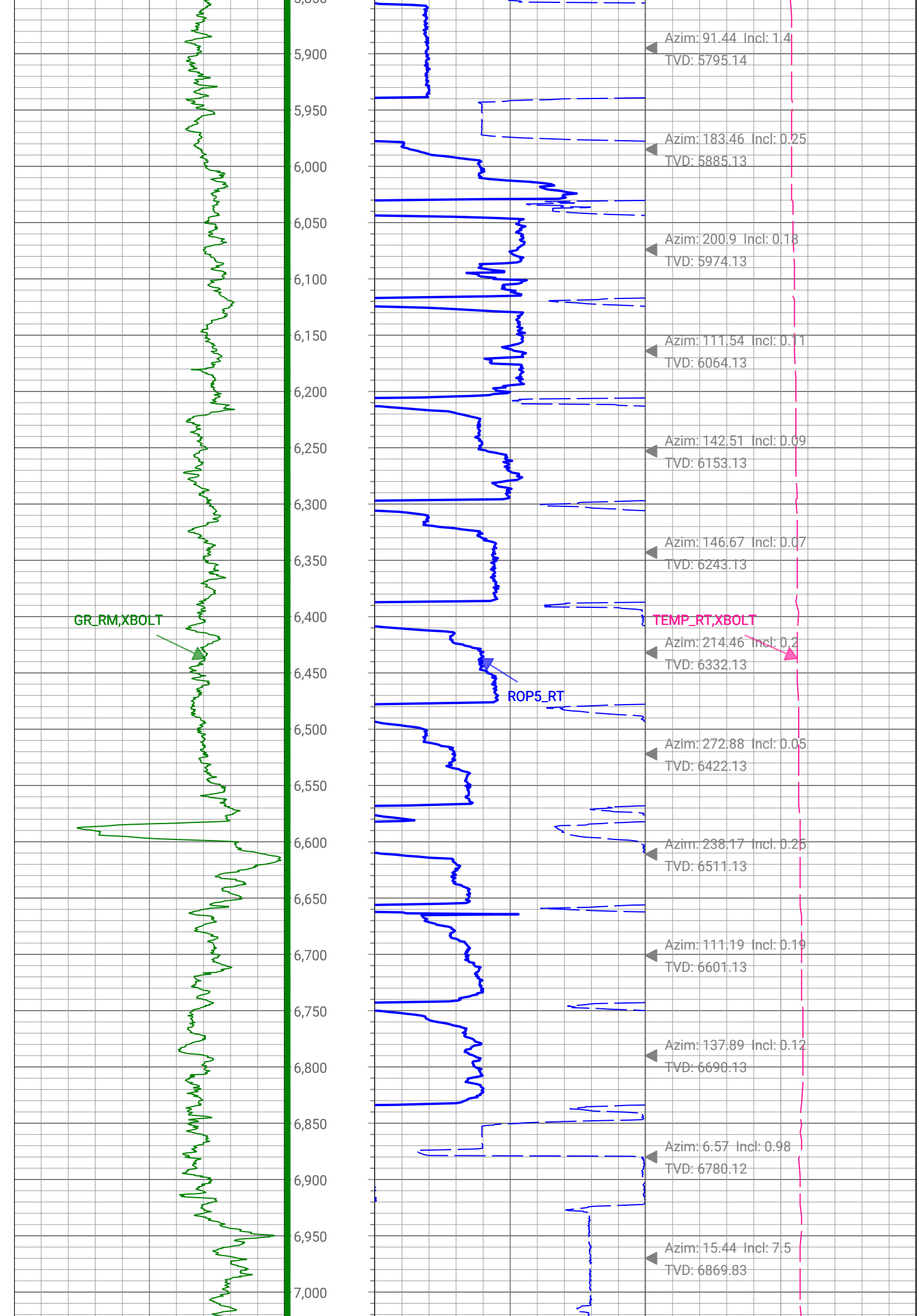
5,500
5,550
5,600
5,650
5,700
5,750
5,800
5,850
GR_RM,XBOLT
ROP5_RT
TEMP_RT,XBOLT
Azim: 125.55 Incl: 11.89
TVD: 4652.31
Azim: 125.62 Incl: 11.73
TVD: 4739.42
Azim: 128.61 Incl: 12.02
TVD: 4827.5
Azim: 126.95 Incl: 11.33
TVD: 4914.66
Azim: 124.76 Incl: 11.92
TVD: 5002.81
Azim: 126.63 Incl: 11.31
TVD: 5090.97
Azim: 124.81 Incl: 11.95
TVD: 5178.14
Azim: 124.17 Incl: 11.66
TVD: 5266.24
Azim: 124.67 Incl: 12.13
TVD: 5353.33
Azim: 123.45 Incl: 11.83
TVD: 5441.37
Azim: 119.98 Incl: 10.29
TVD: 5528.71
Azim: 110.74 Incl: 7.03
TVD: 5616.69
Azim: 105.38 Incl: 4.17
TVD: 5706.25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6,350
6,400
6,450
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6,550
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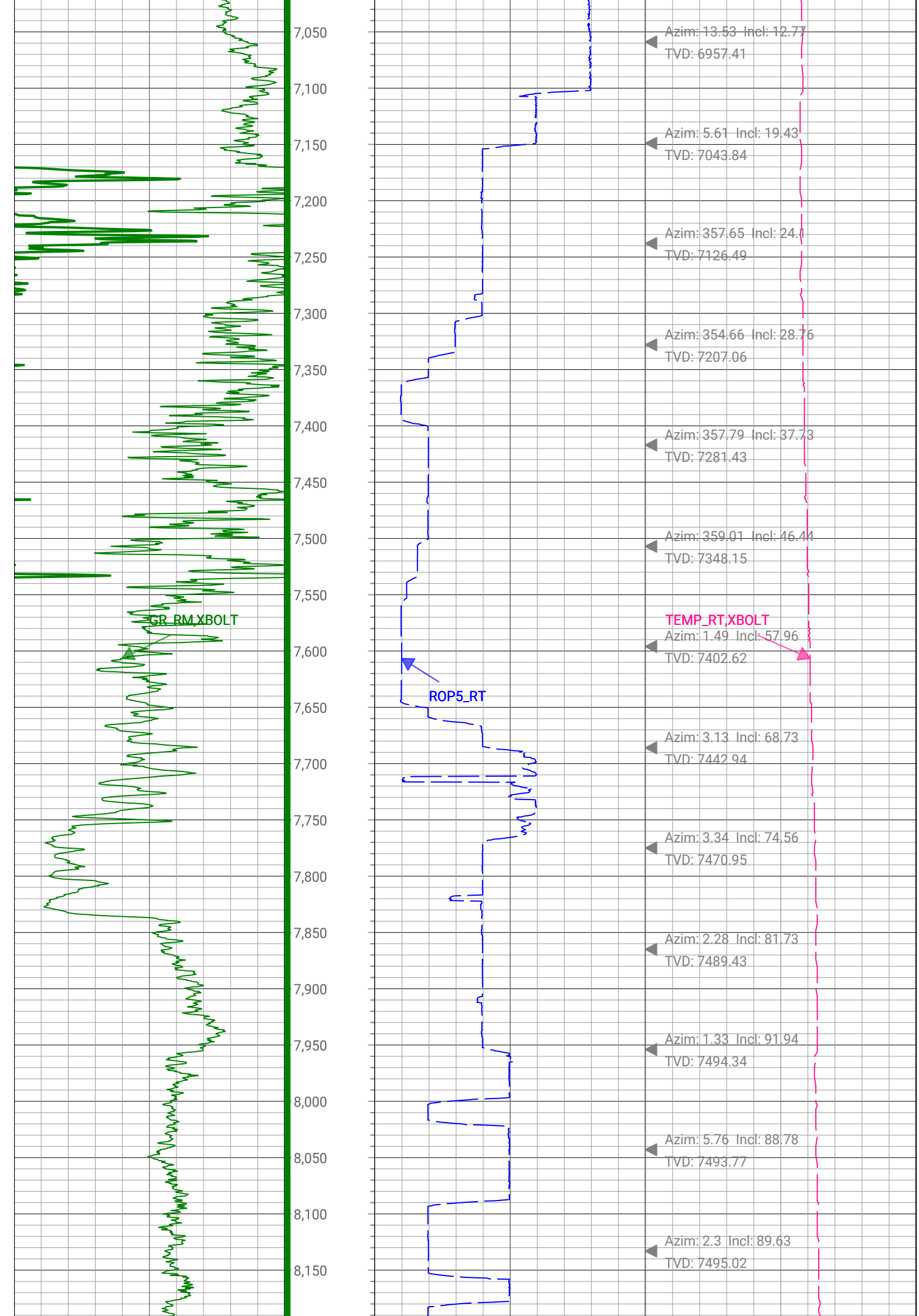
6,650
6,700
6,750
6,800
6,850
6,900
6,950
7,000
GR_RM,XBOLT
ROP5_RT
TEMP_RT,XBOLT
Azim: 91.44 Incl: 1.4
TVD: 5795.14
Azim: 183.46 Incl: 0.25
TVD: 5885.13
Azim: 200.9 Incl: 0.18
TVD: 5974.13
Azim: 111.54 Incl: 0.11
TVD: 6064.13
Azim: 142.51 Incl: 0.09
TVD: 6153.13
Azim: 146.67 Incl: 0.07
TVD: 6243.13
Azim: 214.46 Incl: 0.2
TVD: 6332.13
Azim: 272.88 Incl: 0.05
TVD: 6422.13
Azim: 238.17 Incl: 0.25
TVD: 6511.13
Azim: 111.19 Incl: 0.19
TVD: 6601.13
Azim: 137.89 Incl: 0.12
TVD: 6690.13
Azim: 6.57 Incl: 0.98
TVD: 6780.12
Azim: 15.44 Incl: 7.5
TVD: 6869.83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7,600
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7,700
7,750
7,800
7,850
7,900
7,950
8,000
8,050
8,100
8,150
GR_RM,XBOLT
ROP5_RT
Azim: 13.53 Incl: 12.77
TVD: 6957.41
Azim: 5.61 Incl: 19.43
TVD: 7043.84
Azim: 357.65 Incl: 24.1
TVD: 7126.49
Azim: 354.66 Incl: 28.76
TVD: 7207.06
Azim: 357.79 Incl: 37.73
TVD: 7281.43
Azim: 359.01 Incl: 46.44
TVD: 7348.15
TEMP_RT,XBOLT
Azim: 1.49 Incl: 57.96
TVD: 7402.62
Azim: 3.13 Incl: 68.73
TVD: 7442.94
Azim: 3.34 Incl: 74.56
TVD: 7470.95
Azim: 2.28 Incl: 81.73
TVD: 7489.43
Azim: 1.33 Incl: 91.94
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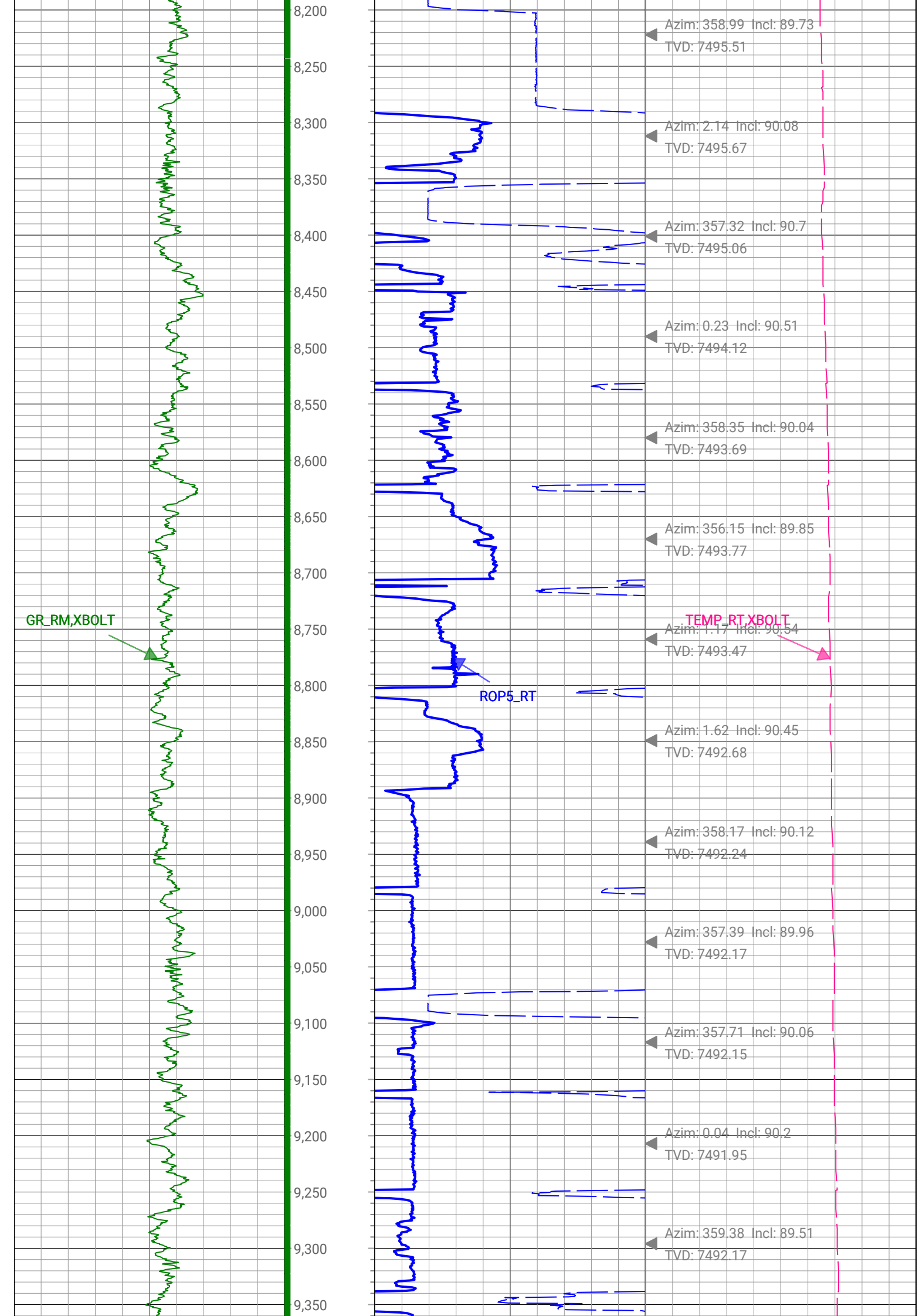
Azim: 5.76 Incl: 88.78
TVD: 7493.77
Azim: 2.3 Incl: 89.63
TVD: 7495.02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9,000
9,050
9,100
9,150
9,200
9,250
9,300
9,350
GR_RM,XBOLT
ROP5_RT
TEMP_RT,XBOLT
Azim: 358.99 Incl: 89.73
TVD: 7495.51
Azim: 2.14 Incl: 90.08
TVD: 7495.67
Azim: 357.32 Incl: 90.7
TVD: 7495.06
Azim: 0.23 Incl: 90.51
TVD: 7494.12
Azim: 358.35 Incl: 90.04
TVD: 7493.69
Azim: 356.15 Incl: 89.85
TVD: 7493.77
Azim: 1.17 Incl: 90.54
TVD: 7493.47
Azim: 1.62 Incl: 90.45
TVD: 7492.68
Azim: 358.17 Incl: 90.12
TVD: 7492.24
Azim: 357.39 Incl: 89.96
TVD: 7492.17
Azim: 357.71 Incl: 90.06
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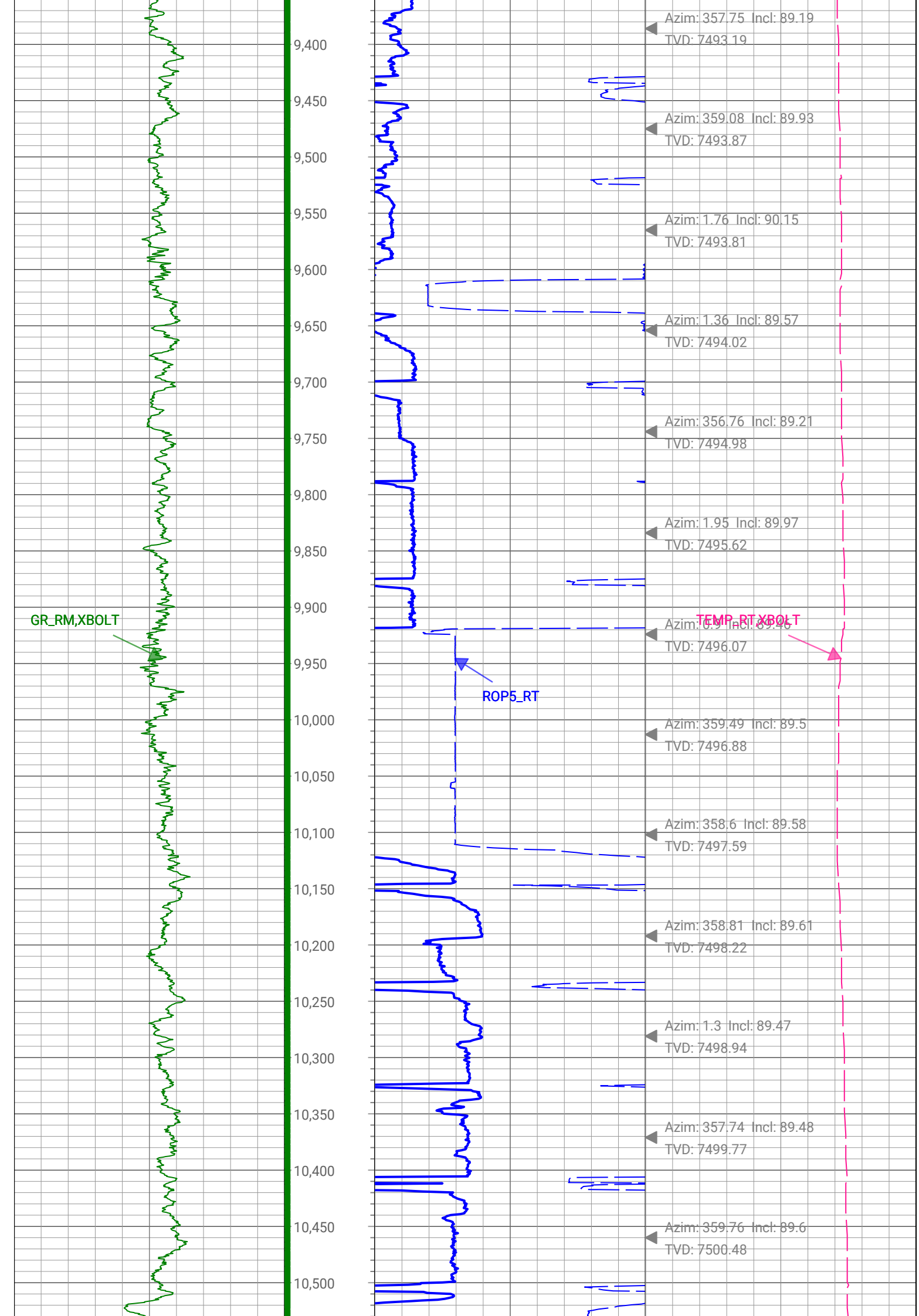
Azim: 359.38 Incl: 89.51
TVD: 7492.17


GR_RM,XBOLT
ROP5_RT
TEMP_RT,XBOLT
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Azim: 357.75 Incl: 89.19
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Azim: 359.08 Incl: 89.93
TVD: 7493.87
Azim: 1.76 Incl: 90.15
TVD: 7493.81
Azim: 1.36 Incl: 89.57
TVD: 7494.02
Azim: 356.76 Incl: 89.21
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Azim: 1.95 Incl: 89.97
TVD: 7495.62
Azim: 0.9 Incl: 89.46
TVD: 7496.07
Azim: 359.49 Incl: 89.5
TVD: 7496.88
Azim: 358.6 Incl: 89.58
TVD: 7497.59
Azim: 358.81 Incl: 89.61
TVD: 7498.22
Azim: 1.3 Incl: 89.47
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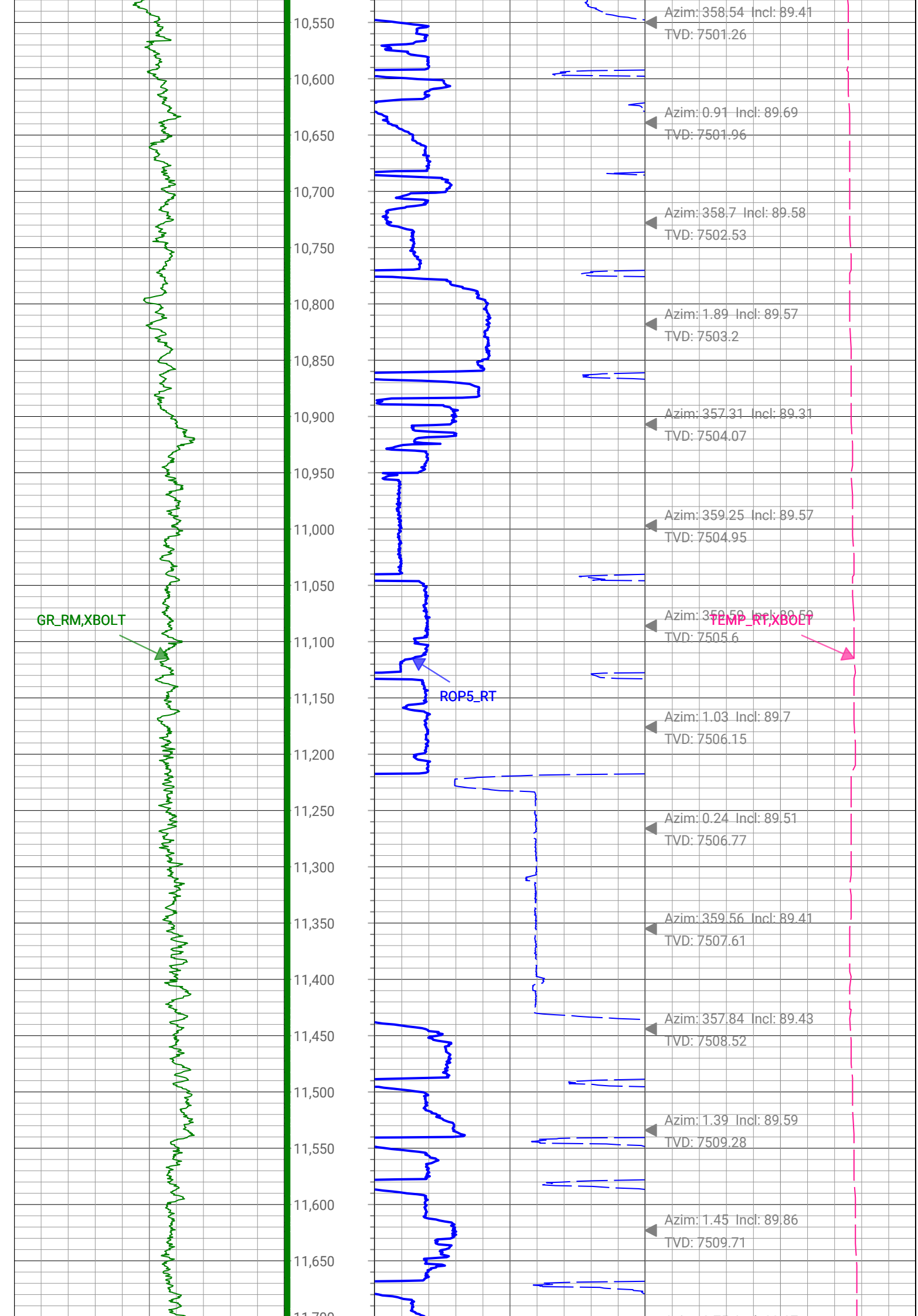
Azim: 357.74 Incl: 89.48
TVD: 7499.77
Azim: 359.76 Incl: 89.6
TVD: 7500.48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11,300
11,350
11,400
11,450
11,500
11,550
11,600
11,650
GR_RM,XBOLT
ROP5_RT
TEMP_RT,XBOLT
Azim: 358.54 Incl: 89.41
TVD: 7501.26
Azim: 0.91 Incl: 89.69
TVD: 7501.96
Azim: 358.7 Incl: 89.58
TVD: 7502.53
Azim: 1.89 Incl: 89.57
TVD: 7503.2
Azim: 357.31 Incl: 89.31
TVD: 7504.07
Azim: 359.25 Incl: 89.57
TVD: 7504.95
Azim: 359.59 Incl: 89.59
TVD: 7505.6
Azim: 1.03 Incl: 89.7
TVD: 7506.15
Azim: 0.24 Incl: 89.51
TVD: 7506.77
Azim: 359.56 Incl: 89.41
TVD: 7507.61
Azim: 357.84 Incl: 89.43
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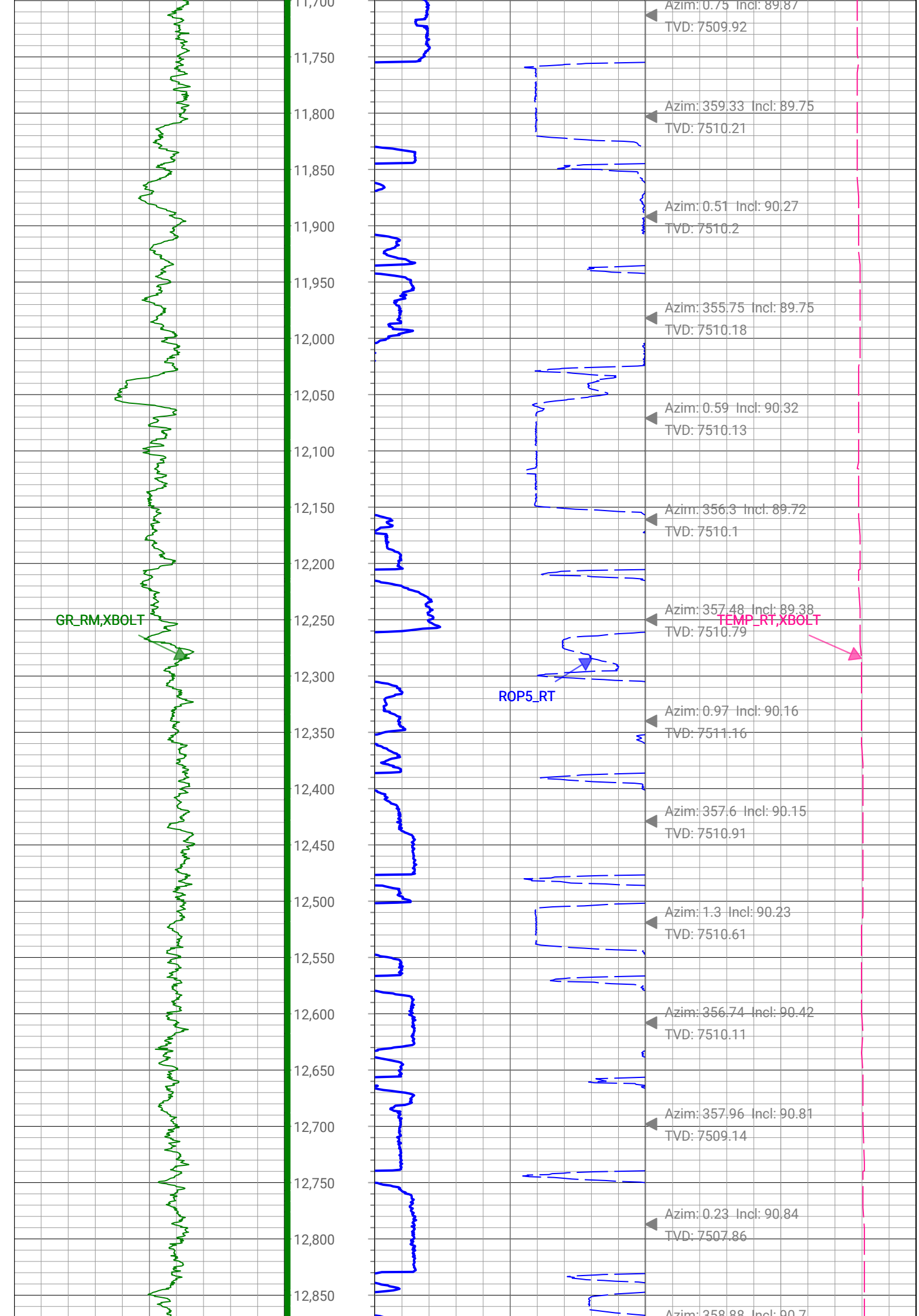
Azim: 1.39 Incl: 89.59
TVD: 7509.28
Azim: 1.45 Incl: 89.86
TVD: 7509.71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12,550
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GR_RM,XBOLT
ROP5_RT
TEMP_RT,XBOLT
Azim: 0.75 Incl: 89.87
TVD: 7509.92
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TVD: 7510.21
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TVD: 7510.2
Azim: 355.75 Incl: 89.75
TVD: 7510.18
Azim: 0.59 Incl: 90.32
TVD: 7510.13
Azim: 356.3 Incl: 89.72
TVD: 7510.1
Azim: 357.48 Incl: 89.38
TVD: 7510.79
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TVD: 7511.16
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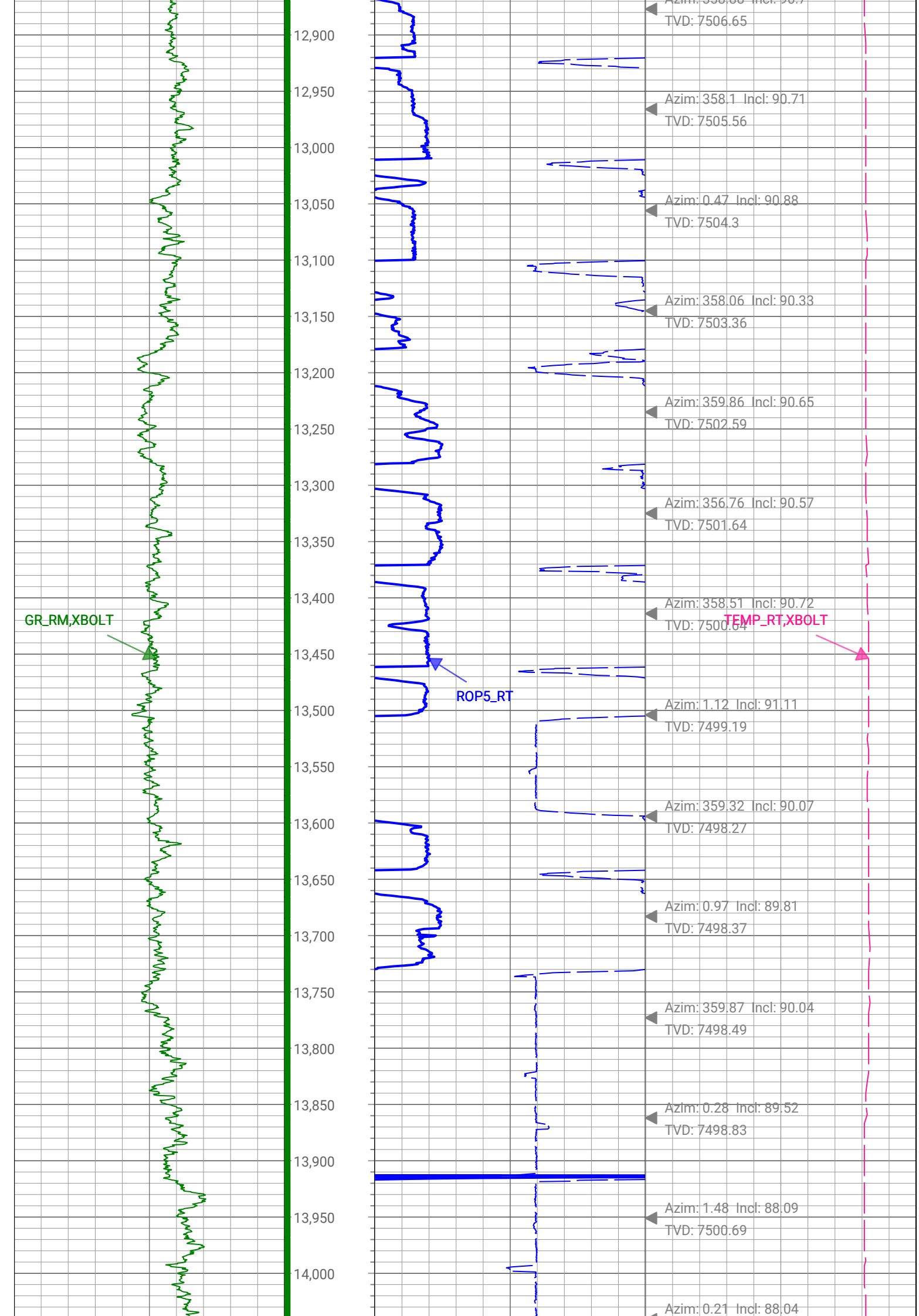
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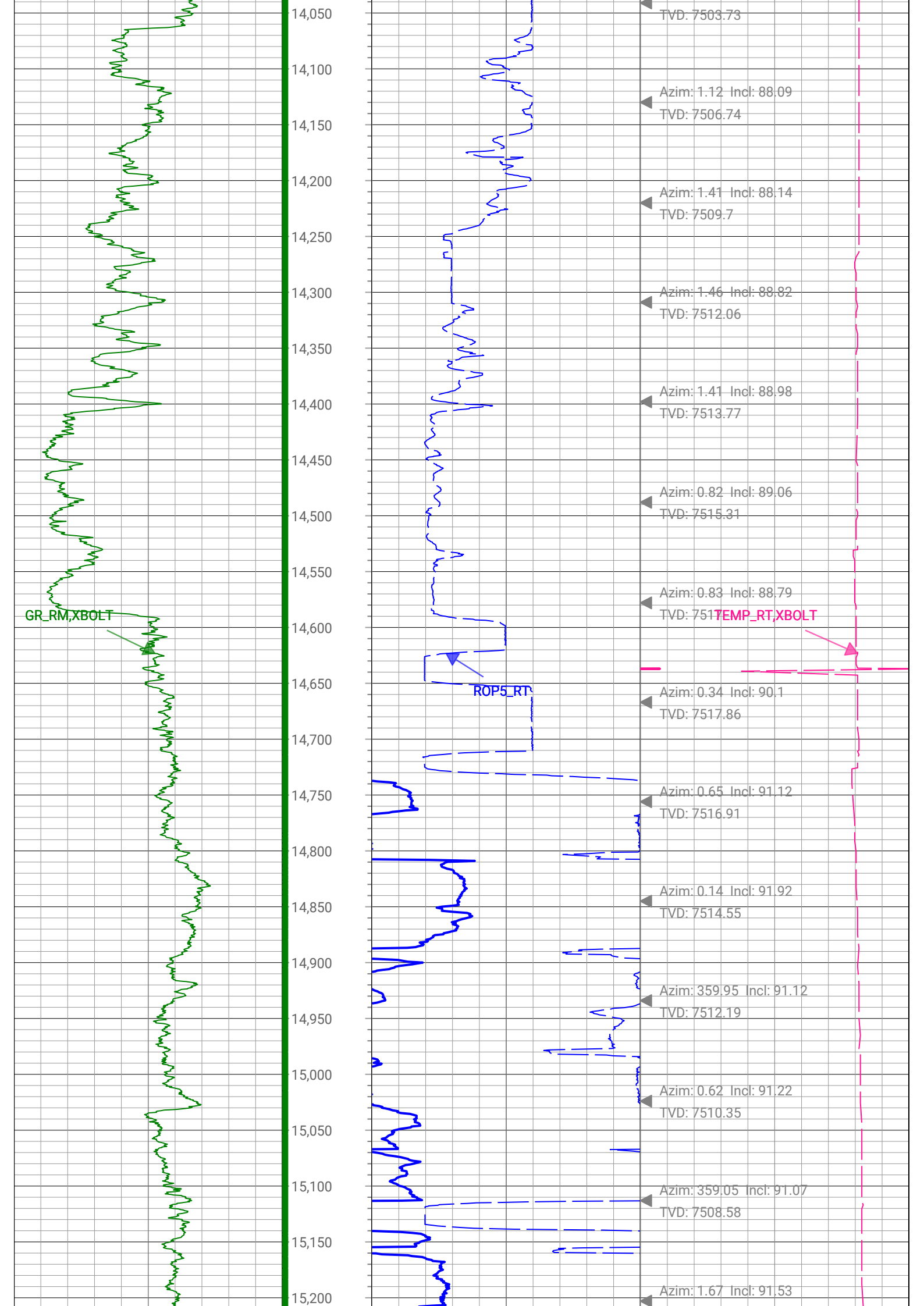
13,650
13,700
13,750
13,800
13,850
13,900
13,950
14,000
GR_RM,XBOLT
ROP5_RT
TEMP_RT,XBOLT
TVD: 7506.65
Azim: 358.1 Incl: 90.71
TVD: 7505.56
Azim: 0.47 Incl: 90.88
TVD: 7504.3
Azim: 358.06 Incl: 90.33
TVD: 7503.36
Azim: 359.86 Incl: 90.65
TVD: 7502.59
Azim: 356.76 Incl: 90.57
TVD: 7501.64
Azim: 358.51 Incl: 90.72
TVD: 7500.64
Azim: 1.12 Incl: 91.11
TVD: 7499.19
Azim: 359.32 Incl: 90.07
TVD: 7498.27
Azim: 0.97 Incl: 89.81
TVD: 7498.37
Azim: 359.87 Incl: 90.04
TVD: 7498.49
Azim: 0.28 Incl: 89.52
TVD: 7498.83
Azim: 1.48 Incl: 88.09
TVD: 7500.69
Azim: 0.21 Incl: 88.04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14,850
14,900
14,950
15,000
15,050
15,100
15,150
15,200
GR_RM,XBOLT
ROP5_RT
TEMP_RT,XBOLT
TVD: 7503.73
Azim: 1.12 Incl: 88.09
TVD: 7506.74
Azim: 1.41 Incl: 88.14
TVD: 7509.7
Azim: 1.46 Incl: 88.82
TVD: 7512.06
Azim: 1.41 Incl: 88.98
TVD: 7513.77
Azim: 0.82 Incl: 89.06
TVD: 7515.31
Azim: 0.83 Incl: 88.79
Azim: 0.34 Incl: 90.1
TVD: 7517.86
Azim: 0.65 Incl: 91.12
TVD: 7516.91
Azim: 0.14 Incl: 91.92
TVD: 7514.55
Azim: 359.95 Incl: 91.12
TVD: 7512.19
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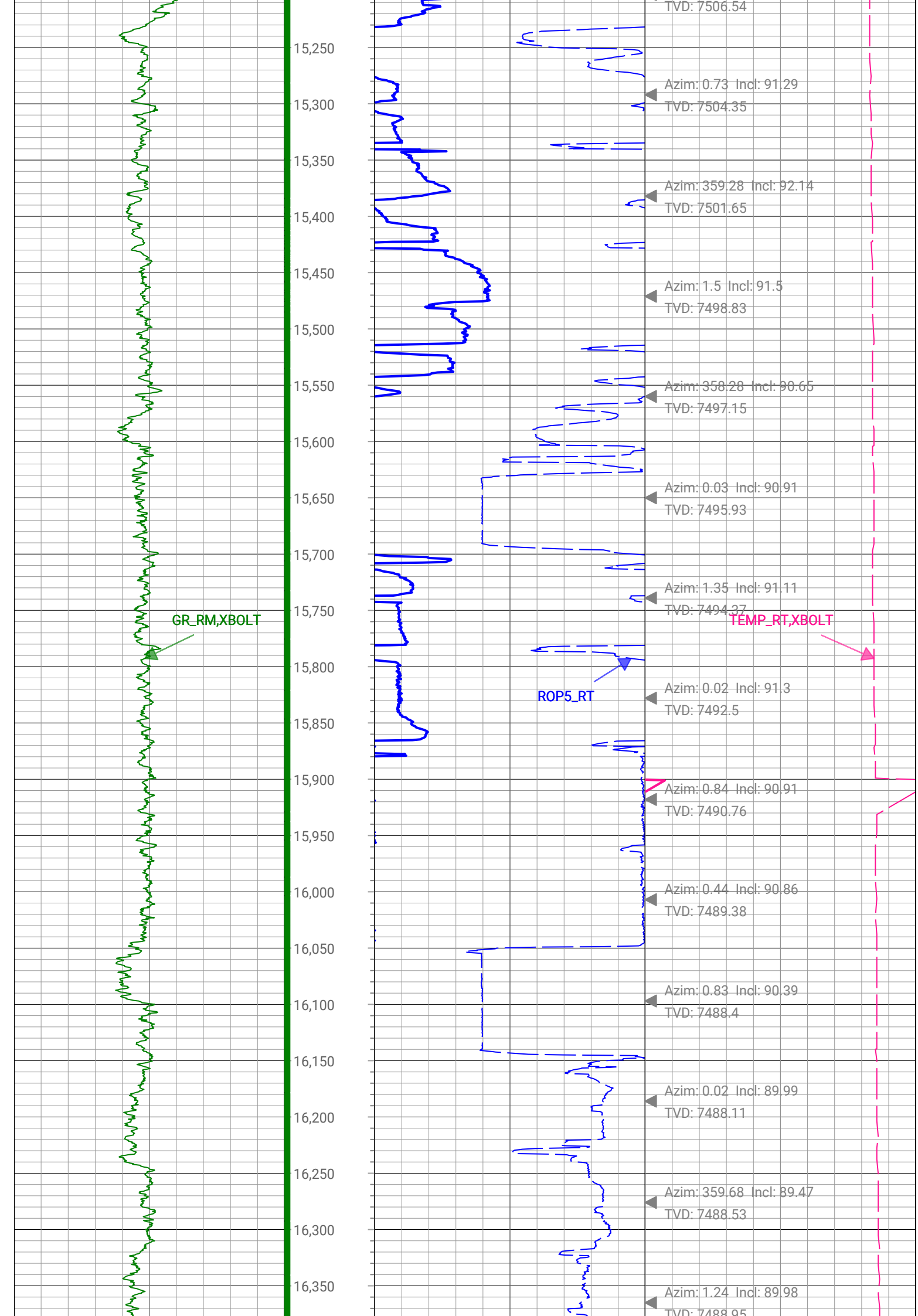
TVD: 7508.58
Azim: 1.67 Incl: 91.53


TVD: 7506.54
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15,400
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15,600
15,650
15,700
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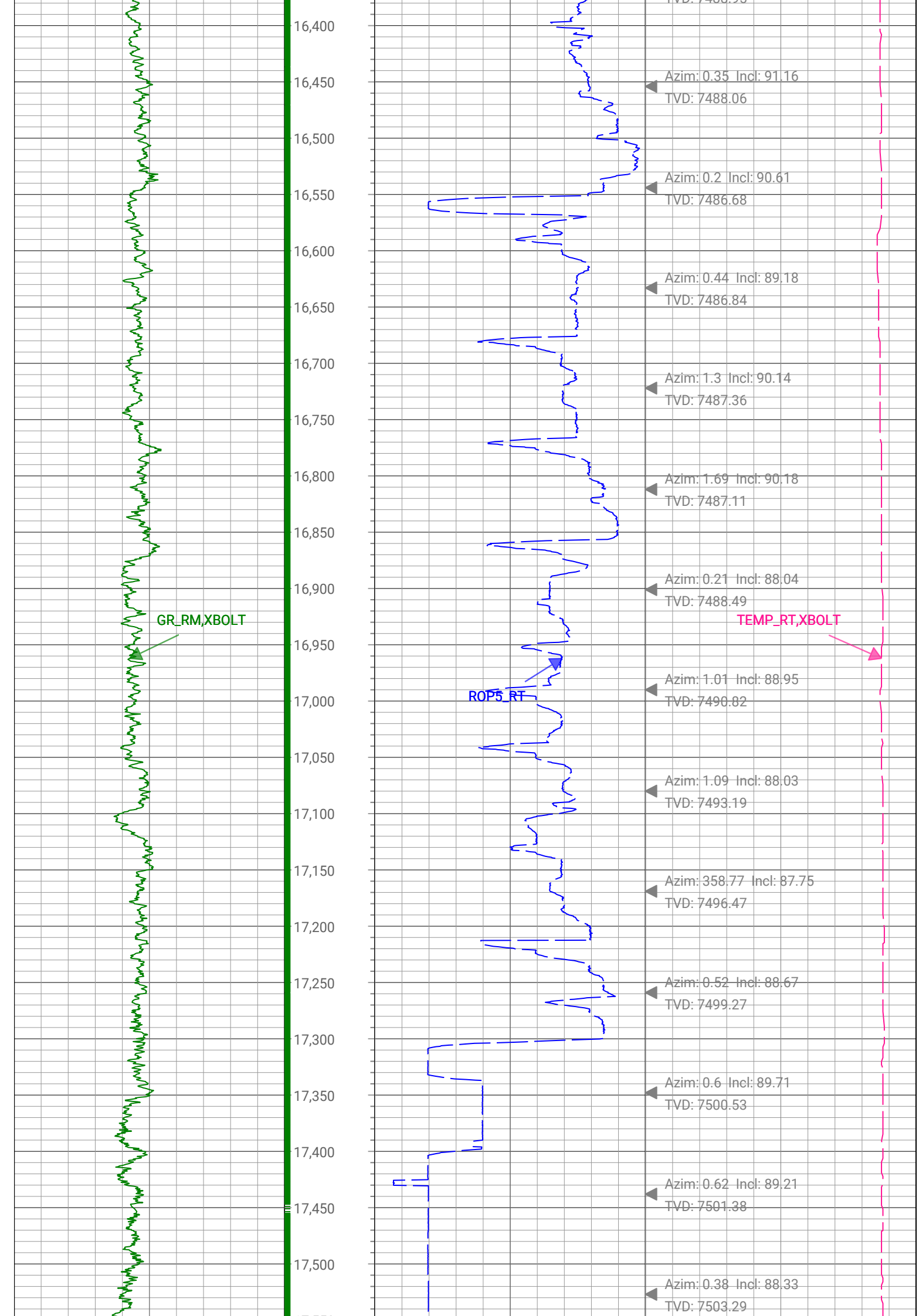
15,850
15,900
15,950
16,000
16,050
16,100
16,150
16,200
16,250
16,300
16,350
Azim: 0.73 Incl: 91.29
TVD: 7504.35
Azim: 359.28 Incl: 92.14
TVD: 7501.65
Azim: 1.5 Incl: 91.5
TVD: 7498.83
Azim: 358.28 Incl: 90.65
TVD: 7497.15
Azim: 0.03 Incl: 90.91
TVD: 7495.93
Azim: 1.35 Incl: 91.11
TVD: 7494.37
GR_RM,XBOLT
TEMP_RT,XBOLT
ROP5_RT
Azim: 0.02 Incl: 91.3
TVD: 7492.5
Azim: 0.84 Incl: 90.91
TVD: 7490.76
Azim: 0.44 Incl: 90.86
TVD: 7489.38
Azim: 0.83 Incl: 90.39
TVD: 7488.4
Azim: 0.02 Incl: 89.99
TVD: 7488.11
Azim: 359.68 Incl: 89.47
TVD: 7488.53
Azim: 1.24 Incl: 89.98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16,700
16,750
16,800
16,850
16,900
16,950
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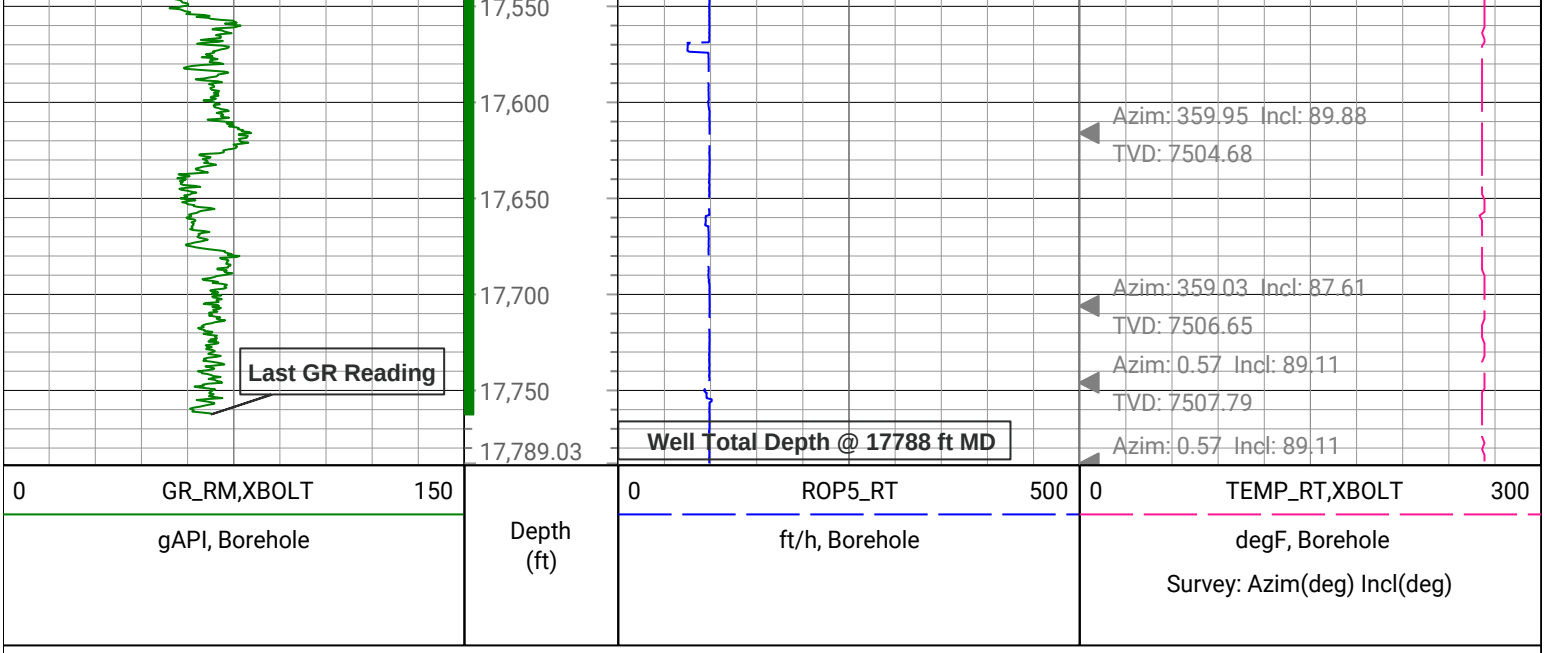
17,050
17,100
17,150
17,200
17,250
17,300
17,350
17,400
17,450
17,500
GR_RM,XBOLT
ROP5_RT
TEMP_RT,XBOLT
Azim: 0.35 Incl: 91.16
TVD: 7488.06
Azim: 0.2 Incl: 90.61
TVD: 7486.68
Azim: 0.44 Incl: 89.18
TVD: 7486.84
Azim: 1.3 Incl: 90.14
TVD: 7487.36
Azim: 1.69 Incl: 90.18
TVD: 7487.11
Azim: 0.21 Incl: 88.04
TVD: 7488.49
Azim: 1.01 Incl: 88.95
TVD: 7490.82
Azim: 1.09 Incl: 88.03
TVD: 7493.19
Azim: 358.77 Incl: 87.75
TVD: 7496.47
Azim: 0.52 Incl: 88.67
TVD: 7499.27
Azim: 0.6 Incl: 89.71
TVD: 7500.53
Azim: 0.62 Incl: 89.21
TVD: 7501.38
Azim: 0.38 Incl: 88.33
TVD: 7503.29



Description: XBOLT GAMMA RAY Format: XBOLT_GR_DNI_VERDAD Index Scale: 1in/100ft Index Unit: ft Index Type: Measured Depth

Creation Date: 12-Feb-2022

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:	04-Feb-2022 17:00:00
Location B:	51618.65(nT)	Location G:	998.983(mgn)
Magnetic Dip:	66.227(deg)	Magnetic Dec:	7.864(deg)
Total Correction:	7.864		

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
222	0.23	216.85	222	-0.33	-0.33	-0.25	0.11	0.41	216.85	MWD
252	0.7	159.96	252	-0.55	-0.55	-0.22	2.02	0.59	201.82	MWD
283	1.02	136.55	283	-0.93	-0.93	0.03	1.51	0.93	177.87	MWD
311	1.69	140.63	310.99	-1.43	-1.43	0.47	2.42	1.5	161.86	MWD
342	2.11	133.67	341.97	-2.17	-2.18	1.17	1.54	2.47	151.71	MWD
372	3.11	131.5	371.94	-3.09	-3.1	2.18	3.35	3.79	144.85	MWD
402	3.72	131.13	401.89	-4.27	-4.28	3.52	2.03	5.54	140.52	MWD
432	4.6	132.25	431.81	-5.72	-5.72	5.15	2.95	7.7	138.05	MWD
462	5.41	131.92	461.69	-7.47	-7.48	7.09	2.7	10.3	136.53	MWD
492	5.92	129.05	491.54	-9.39	-9.4	9.34	1.94	13.25	135.17	MWD
522	6.35	125.79	521.37	-11.33	-11.34	11.89	1.84	16.43	133.65	MWD
552	6.48	123.66	551.18	-13.24	-13.25	14.64	0.9	19.75	132.14	MWD
582	6.53	123.21	580.99	-15.11	-15.12	17.48	0.24	23.11	130.87	MWD
612	6.86	123.37	610.79	-17.02	-17.04	20.4	1.1	26.59	129.87	MWD
642	6.97	125.14	640.57	-19.05	-19.08	23.39	0.8	30.18	129.2	MWD
672	7.39	124.11	670.33	-21.18	-21.21	26.47	1.46	33.92	128.69	MWD
702	7.4	124.91	700.08	-23.36	-23.39	29.66	0.34	37.77	128.27	MWD

732	7.48	123.63	729.83	-25.55	-25.58	32.87	0.61	41.65	127.89	MWD
762	7.65	124.07	759.57	-27.74	-27.78	36.15	0.6	45.59	127.54	MWD
792	8.39	124.9	789.28	-30.11	-30.15	39.6	2.5	49.77	127.29	MWD
822	9.17	126.71	818.93	-32.79	-32.83	43.31	2.76	54.35	127.17	MWD
852	9.79	127.2	848.52	-35.75	-35.8	47.26	2.08	59.29	127.15	MWD
882	9.73	126.8	878.08	-38.81	-38.86	51.32	0.3	64.37	127.14	MWD
912	9.67	127.49	907.65	-41.86	-41.92	55.35	0.44	69.43	127.14	MWD
942	10.07	128.27	937.21	-45.01	-45.07	59.4	1.41	74.57	127.19	MWD
972	10.37	127.22	966.73	-48.27	-48.33	63.61	1.18	79.89	127.23	MWD
1002	10.81	125.65	996.22	-51.53	-51.61	68.05	1.75	85.4	127.17	MWD
1032	11.06	125.66	1025.68	-54.85	-54.92	72.67	0.83	91.09	127.08	MWD
1062	11.26	124.47	1055.11	-58.18	-58.26	77.43	1.02	96.9	126.96	MWD
1092	11.38	123.03	1084.53	-61.44	-61.53	82.32	1.02	102.78	126.77	MWD
1122	11.5	121.16	1113.93	-64.6	-64.69	87.36	1.3	108.71	126.52	MWD
1152	11.72	120.21	1143.32	-67.67	-67.77	92.56	0.97	114.71	126.21	MWD
1182	11.79	120.64	1172.69	-70.76	-70.87	97.83	0.37	120.8	125.92	MWD
1212	11.97	120	1202.04	-73.87	-73.98	103.16	0.74	126.94	125.65	MWD
1242	11.58	120.26	1231.41	-76.94	-77.06	108.45	1.31	133.04	125.39	MWD
1272	11.27	121.64	1260.82	-79.99	-80.11	113.55	1.38	138.96	125.2	MWD
1302	11.07	121.65	1290.25	-83.04	-83.16	118.5	0.67	144.76	125.06	MWD
1332	10.21	121.59	1319.73	-85.93	-86.06	123.21	2.87	150.29	124.93	MWD
1362	9.63	124.25	1349.29	-88.74	-88.87	127.55	2.46	155.46	124.87	MWD
1392	9.8	125.72	1378.86	-91.63	-91.77	131.7	1	160.52	124.87	MWD
1422	9.83	126.69	1408.42	-94.65	-94.79	135.82	0.56	165.63	124.91	MWD
1452	9.91	126.41	1437.97	-97.71	-97.85	139.96	0.31	170.77	124.96	MWD
1482	10.01	127.03	1467.52	-100.81	-100.96	144.11	0.49	175.96	125.01	MWD
1512	10.04	128.13	1497.06	-103.99	-104.14	148.25	0.65	181.18	125.09	MWD
1542	9.94	127.24	1526.61	-107.16	-107.32	152.37	0.61	186.37	125.16	MWD
1572	10.03	127.12	1556.15	-110.3	-110.47	156.52	0.31	191.57	125.21	MWD
1602	10.13	126.79	1585.69	-113.46	-113.62	160.71	0.38	196.82	125.26	MWD
1632	10.42	127.31	1615.21	-116.68	-116.85	164.98	1.01	202.17	125.31	MWD
1662	10.37	126.68	1644.72	-119.93	-120.11	169.31	0.41	207.58	125.35	MWD
1692	10.54	127.11	1674.22	-123.19	-123.37	173.66	0.62	213.02	125.39	MWD
1722	10.63	126.65	1703.71	-126.49	-126.68	178.07	0.41	218.53	125.43	MWD
1752	11.03	127.4	1733.17	-129.88	-130.08	182.57	1.41	224.17	125.47	MWD
1782	11.12	126.88	1762.61	-133.36	-133.56	187.16	0.45	229.93	125.51	MWD
1812	11.32	126.66	1792.04	-136.85	-137.05	191.84	0.68	235.76	125.54	MWD
1842	11.52	126.28	1821.45	-140.37	-140.58	196.61	0.71	241.7	125.56	MWD
1872	11.78	126.67	1850.83	-143.97	-144.18	201.49	0.91	247.76	125.59	MWD
1902	11.91	125.46	1880.19	-147.59	-147.81	206.46	0.93	253.92	125.6	MWD
1932	11.72	124.74	1909.55	-151.12	-151.34	211.49	0.8	260.06	125.59	MWD
1962	11.41	124.37	1938.95	-154.52	-154.75	216.44	1.06	266.07	125.56	MWD
1992	11.58	124.66	1968.34	-157.91	-158.14	221.37	0.6	272.05	125.54	MWD
2022	11.22	123.8	1997.75	-161.24	-161.47	226.27	1.33	277.98	125.51	MWD
2052	10.55	122.99	2027.21	-164.35	-164.59	231	2.29	283.64	125.47	MWD
2082	10.46	123.15	2056.71	-167.33	-167.58	235.58	0.32	289.1	125.43	MWD
2112	10.55	121.35	2086.21	-170.24	-170.49	240.21	1.13	294.56	125.37	MWD
2142	10.15	122.53	2115.72	-173.09	-173.35	244.78	1.51	299.94	125.3	MWD
2172	9.82	124.09	2145.26	-175.94	-176.2	249.13	1.42	305.14	125.27	MWD
2202	9.78	123.48	2174.83	-178.77	-179.04	253.37	0.37	310.25	125.25	MWD

2232	9.88	124.61	2204.39	-181.64	-181.91	257.62	0.72	315.37	125.23	MWD
2262	9.96	124.44	2233.94	-184.56	-184.84	261.87	0.28	320.54	125.22	MWD
2292	10.14	123.77	2263.48	-187.49	-187.77	266.21	0.72	325.77	125.2	MWD
2322	10.16	123.77	2293.01	-190.43	-190.71	270.6	0.07	331.05	125.17	MWD
2351	10.33	123.32	2321.55	-193.27	-193.56	274.9	0.65	336.21	125.15	MWD
2496	10.55	122.88	2464.14	-207.6	-207.91	296.92	0.16	362.47	125	MWD
2585	14.14	122.06	2551.07	-217.78	-218.1	312.98	4.03	381.48	124.87	MWD
2674	12.71	124.11	2637.64	-229.02	-229.37	330.3	1.68	402.13	124.78	MWD
2764	12.39	124.29	2725.49	-240	-240.36	346.48	0.36	421.68	124.75	MWD
2853	11.6	121.5	2812.54	-250.04	-250.42	361.99	1.1	440.17	124.67	MWD
2943	11.05	122.99	2900.79	-259.44	-259.84	376.94	0.69	457.82	124.58	MWD
3032	11.68	120.37	2988.05	-268.63	-269.04	391.87	0.92	475.33	124.47	MWD
3122	11.83	122.37	3076.16	-278.16	-278.58	407.52	0.48	493.64	124.36	MWD
3211	11.75	124.73	3163.28	-288.19	-288.63	422.68	0.55	511.83	124.33	MWD
3301	11.87	126.13	3251.38	-298.85	-299.31	437.69	0.34	530.25	124.37	MWD
3390	11.81	123.86	3338.48	-309.31	-309.78	452.65	0.53	548.51	124.39	MWD
3480	11.69	124.82	3426.6	-319.63	-320.12	467.79	0.25	566.84	124.39	MWD
3569	12.07	126.23	3513.69	-330.27	-330.77	482.7	0.53	585.16	124.42	MWD
3659	11.99	125.18	3601.71	-341.2	-341.72	497.92	0.26	603.91	124.46	MWD
3748	11.98	125.93	3688.77	-351.93	-352.47	512.96	0.18	622.38	124.49	MWD
3837	12.03	124.79	3775.83	-362.63	-363.18	528.06	0.27	640.89	124.52	MWD
3927	11.5	122.87	3863.93	-372.83	-373.4	543.3	0.73	659.24	124.5	MWD
4017	11.94	125.72	3952.06	-383.12	-383.71	558.4	0.81	677.53	124.5	MWD
4106	11.34	125.6	4039.23	-393.58	-394.18	572.99	0.68	695.48	124.53	MWD
4196	11.77	124.27	4127.4	-403.88	-404.5	587.77	0.57	713.51	124.54	MWD
4285	11.67	123.71	4214.55	-413.98	-414.61	602.76	0.17	731.59	124.52	MWD
4374	11.76	125.01	4301.69	-424.16	-424.81	617.68	0.31	749.66	124.52	MWD
4464	12.11	124.87	4389.75	-434.8	-435.46	632.94	0.39	768.27	124.53	MWD
4553	11.79	125.65	4476.82	-445.42	-446.1	647.99	0.4	786.7	124.55	MWD
4642	10.9	120.42	4564.08	-454.97	-455.67	662.64	1.53	804.19	124.51	MWD
4732	11.89	125.55	4652.31	-464.66	-465.37	677.52	1.57	821.95	124.48	MWD
4821	11.73	125.62	4739.42	-475.24	-475.97	692.33	0.18	840.16	124.51	MWD
4911	12.02	128.61	4827.5	-486.4	-487.14	707.09	0.75	858.66	124.56	MWD
5000	11.33	126.95	4914.66	-497.43	-498.18	721.32	0.87	876.63	124.63	MWD
5090	11.92	124.76	5002.81	-508.02	-508.79	736.02	0.82	894.76	124.66	MWD
5180	11.31	126.63	5090.97	-518.57	-519.36	750.74	0.79	912.87	124.68	MWD
5269	11.95	124.81	5178.14	-529.02	-529.82	765.3	0.82	930.81	124.7	MWD
5359	11.66	124.17	5266.24	-539.43	-540.25	780.48	0.35	949.22	124.69	MWD
5448	12.13	124.67	5353.33	-549.79	-550.62	795.61	0.53	967.56	124.69	MWD
5538	11.83	123.45	5441.37	-560.23	-561.08	811.08	0.44	986.24	124.67	MWD
5627	10.29	119.98	5528.71	-569.22	-570.08	825.58	1.88	1003.28	124.63	MWD
5716	7.03	110.74	5616.69	-575.11	-575.99	837.56	3.98	1016.5	124.52	MWD
5806	4.17	105.38	5706.25	-577.92	-578.8	845.87	3.23	1024.94	124.38	MWD
5895	1.4	91.44	5795.14	-578.8	-579.69	850.07	3.18	1028.91	124.29	MWD
5985	0.25	183.46	5885.13	-579.02	-579.91	851.16	1.59	1029.93	124.27	MWD
6074	0.18	200.9	5974.13	-579.35	-580.24	851.09	0.1	1030.07	124.28	MWD
6164	0.11	111.54	6064.13	-579.51	-580.4	851.12	0.23	1030.18	124.29	MWD
6253	0.09	142.51	6153.13	-579.6	-580.49	851.24	0.06	1030.33	124.29	MWD
6343	0.07	146.67	6243.13	-579.7	-580.59	851.31	0.03	1030.44	124.29	MWD
6432	0.2	214.46	6332.13	-579.87	-580.76	851.25	0.21	1030.49	124.3	MWD

6432	0.2	214.46	6332.13	-579.87	-580.76	851.25	0.21	1030.49	124.3	MWD
6522	0.05	272.88	6422.13	-579.99	-580.88	851.12	0.2	1030.45	124.31	MWD
6611	0.25	238.17	6511.13	-580.09	-580.99	850.92	0.24	1030.34	124.32	MWD
6701	0.19	111.19	6601.13	-580.25	-581.14	850.89	0.44	1030.41	124.33	MWD
6790	0.12	137.89	6690.13	-580.38	-581.27	851.09	0.11	1030.65	124.33	MWD
6880	0.98	6.57	6780.12	-579.69	-580.58	851.25	1.18	1030.38	124.3	MWD
6970	7.5	15.44	6869.83	-573.25	-574.15	852.9	7.26	1028.15	123.95	MWD
7059	12.77	13.53	6957.41	-558.08	-558.97	856.75	5.93	1022.97	123.12	MWD
7149	19.43	5.61	7043.84	-533.47	-534.37	860.55	7.78	1012.96	121.84	MWD
7238	24.1	357.65	7126.49	-500.55	-501.46	861.25	6.2	996.6	120.21	MWD
7328	28.76	354.66	7207.06	-460.61	-461.51	858.48	5.38	974.67	118.26	MWD
7417	37.73	357.79	7281.43	-411.98	-412.88	855.43	10.26	949.86	115.76	MWD
7507	46.44	359.01	7348.15	-351.75	-352.64	853.8	9.72	923.75	112.44	MWD
7596	57.96	1.49	7402.62	-281.55	-282.45	854.22	13.12	899.71	108.3	MWD
7686	68.73	3.13	7442.94	-201.3	-202.2	857.52	12.08	881.03	103.27	MWD
7775	74.56	3.34	7470.95	-117	-117.9	862.28	6.56	870.3	97.79	MWD
7865	81.73	2.28	7489.43	-29.08	-29.98	866.58	8.05	867.1	91.98	MWD
7954	91.94	1.33	7494.34	59.63	58.72	869.38	11.52	871.36	86.14	MWD
8043	88.78	5.76	7493.77	148.43	147.51	874.88	6.11	887.23	80.43	MWD
8133	89.63	2.3	7495.02	238.19	237.27	881.21	3.95	912.59	74.93	MWD
8222	89.73	358.99	7495.51	327.17	326.25	882.21	3.73	940.6	69.71	MWD
8312	90.08	2.14	7495.67	417.16	416.23	883.09	3.52	976.27	64.76	MWD
8401	90.7	357.32	7495.06	506.13	505.2	882.67	5.45	1017.02	60.22	MWD
8490	90.51	0.23	7494.12	595.09	594.17	880.77	3.27	1062.44	56	MWD
8580	90.04	358.35	7493.69	685.07	684.15	879.65	2.15	1114.38	52.13	MWD
8670	89.85	356.15	7493.77	774.96	774.04	875.32	2.45	1168.48	48.51	MWD
8759	90.54	1.17	7493.47	863.9	862.99	873.24	5.69	1227.72	45.34	MWD
8849	90.45	1.62	7492.68	953.88	952.96	875.43	0.52	1294.03	42.57	MWD
8939	90.12	358.17	7492.24	1043.86	1042.94	875.26	3.86	1361.55	40	MWD
9028	89.96	357.39	7492.17	1132.79	1131.88	871.81	0.89	1428.71	37.6	MWD
9117	90.06	357.71	7492.15	1221.7	1220.8	868	0.37	1497.92	35.41	MWD
9207	90.2	0.04	7491.95	1311.68	1310.77	866.24	2.6	1571.14	33.46	MWD
9296	89.51	359.38	7492.17	1400.68	1399.77	865.78	1.08	1645.88	31.74	MWD
9386	89.19	357.75	7493.19	1490.64	1489.73	863.53	1.84	1721.91	30.1	MWD
9475	89.93	359.08	7493.87	1579.59	1578.69	861.07	1.71	1798.25	28.61	MWD
9565	90.15	1.76	7493.81	1669.58	1668.68	861.73	2.98	1878.05	27.31	MWD
9654	89.57	1.36	7494.02	1758.55	1757.65	864.16	0.79	1958.6	26.18	MWD
9744	89.21	356.76	7494.98	1848.51	1847.61	862.69	5.13	2039.09	25.03	MWD
9834	89.97	1.95	7495.62	1938.47	1937.57	861.68	5.83	2120.53	23.98	MWD
9924	89.46	0.9	7496.07	2028.44	2027.54	863.92	1.3	2203.92	23.08	MWD
10013	89.5	359.49	7496.88	2117.43	2116.53	864.22	1.58	2286.17	22.21	MWD
10102	89.58	358.6	7497.59	2206.42	2205.51	862.74	1	2368.25	21.36	MWD
10192	89.61	358.81	7498.22	2296.39	2295.49	860.71	0.23	2451.55	20.55	MWD
10281	89.47	1.3	7498.94	2385.38	2384.48	860.79	2.81	2535.09	19.85	MWD
10371	89.48	357.74	7499.77	2475.36	2474.46	860.04	3.95	2619.66	19.17	MWD
10460	89.6	359.76	7500.48	2564.33	2563.43	858.09	2.27	2703.24	18.51	MWD
10550	89.41	358.54	7501.26	2654.31	2653.41	856.76	1.37	2788.3	17.89	MWD
10639	89.69	0.91	7501.96	2743.3	2742.4	856.33	2.67	2872.99	17.34	MWD
10728	89.58	358.7	7502.53	2832.29	2831.4	856.02	2.48	2957.97	16.82	MWD
10818	89.57	1.89	7503.2	2922.28	2921.38	856.48	3.54	3044.34	16.34	MWD

10907	89.31	357.31	7504.07	3011.25	3010.35	855.86	5.16	3129.65	15.87	MWD
10997	89.57	359.25	7504.95	3101.19	3100.3	853.16	2.18	3215.55	15.39	MWD
11086	89.59	359.59	7505.6	3190.19	3189.29	852.25	0.37	3301.2	14.96	MWD
11176	89.7	1.03	7506.15	3280.18	3279.29	852.74	1.61	3388.35	14.58	MWD
11266	89.51	0.24	7506.77	3370.17	3369.28	853.74	0.9	3475.76	14.22	MWD
11355	89.41	359.56	7507.61	3459.17	3458.28	853.59	0.78	3562.06	13.86	MWD
11444	89.43	357.84	7508.52	3548.14	3547.25	851.57	1.93	3648.03	13.5	MWD
11534	89.59	1.39	7509.28	3638.11	3637.23	850.97	3.95	3735.45	13.17	MWD
11623	89.86	1.45	7509.71	3727.09	3726.2	853.18	0.3	3822.62	12.9	MWD
11713	89.87	0.75	7509.92	3817.07	3816.18	854.9	0.78	3910.77	12.63	MWD
11803	89.75	359.33	7510.21	3907.07	3906.18	854.96	1.58	3998.65	12.35	MWD
11892	90.27	0.51	7510.2	3996.07	3995.17	854.83	1.44	4085.6	12.08	MWD
11982	89.75	355.75	7510.18	4085.99	4085.1	851.89	5.32	4172.98	11.78	MWD
12071	90.32	0.59	7510.13	4174.92	4174.03	849.06	5.48	4259.51	11.5	MWD
12161	89.72	356.3	7510.1	4264.86	4263.97	846.62	4.82	4347.21	11.23	MWD
12250	89.38	357.48	7510.79	4353.72	4352.84	841.79	1.39	4433.49	10.95	MWD
12340	90.16	0.97	7511.16	4443.69	4442.81	840.57	3.97	4521.63	10.71	MWD
12429	90.15	357.6	7510.91	4532.67	4531.79	839.46	3.79	4608.89	10.49	MWD
12519	90.23	1.3	7510.61	4622.65	4621.77	838.59	4.12	4697.24	10.28	MWD
12608	90.42	356.74	7510.11	4711.61	4710.74	837.07	5.13	4784.53	10.08	MWD
12698	90.81	357.96	7509.14	4801.5	4800.63	832.91	1.42	4872.35	9.84	MWD
12787	90.84	0.23	7507.86	4890.48	4889.61	831.5	2.56	4959.8	9.65	MWD
12877	90.7	358.88	7506.65	4980.46	4979.59	830.81	1.51	5048.43	9.47	MWD
12966	90.71	358.1	7505.56	5069.42	5068.56	828.46	0.87	5135.82	9.28	MWD
13056	90.88	0.47	7504.3	5159.4	5158.53	827.33	2.63	5224.46	9.11	MWD
13145	90.33	358.06	7503.36	5248.38	5247.51	826.19	2.78	5312.15	8.95	MWD
13235	90.65	359.86	7502.59	5338.35	5337.49	824.55	2.04	5400.81	8.78	MWD
13325	90.57	356.76	7501.64	5428.29	5427.44	821.9	3.45	5489.32	8.61	MWD
13414	90.72	358.51	7500.64	5517.21	5516.35	818.22	1.98	5576.7	8.44	MWD
13504	91.11	1.12	7499.19	5607.19	5606.33	817.93	2.93	5665.68	8.3	MWD
13594	90.07	359.32	7498.27	5697.18	5696.32	818.28	2.32	5754.79	8.17	MWD
13683	89.81	0.97	7498.37	5786.17	5785.32	818.5	1.87	5842.93	8.05	MWD
13773	90.04	359.87	7498.49	5876.17	5875.31	819.15	1.25	5932.14	7.94	MWD
13862	89.52	0.28	7498.83	5965.17	5964.31	819.26	0.75	6020.32	7.82	MWD
13951	88.09	1.48	7500.69	6054.14	6053.28	820.63	2.1	6108.65	7.72	MWD
14041	88.04	0.21	7503.73	6144.07	6143.22	821.96	1.41	6197.96	7.62	MWD
14130	88.09	1.12	7506.74	6233.02	6232.16	822.99	1.02	6286.26	7.52	MWD
14220	88.14	1.41	7509.7	6322.95	6322.09	824.98	0.33	6375.69	7.43	MWD
14309	88.82	1.46	7512.06	6411.89	6411.03	827.21	0.77	6464.17	7.35	MWD
14398	88.98	1.41	7513.77	6500.85	6499.98	829.44	0.18	6552.69	7.27	MWD
14488	89.06	0.82	7515.31	6590.82	6589.95	831.19	0.67	6642.17	7.19	MWD
14578	88.79	0.83	7517	6680.8	6679.93	832.49	0.31	6731.6	7.1	MWD
14667	90.1	0.34	7517.86	6769.79	6768.92	833.4	1.58	6820.03	7.02	MWD
14756	91.12	0.65	7516.91	6858.78	6857.91	834.17	1.19	6908.45	6.94	MWD
14845	91.92	0.14	7514.55	6947.74	6946.87	834.78	1.07	6996.85	6.85	MWD
14934	91.12	359.95	7512.19	7036.71	7035.84	834.85	0.93	7085.2	6.77	MWD
15024	91.22	0.62	7510.35	7126.69	7125.82	835.3	0.75	7174.61	6.69	MWD
15113	91.07	359.05	7508.58	7215.67	7214.8	835.05	1.77	7262.96	6.6	MWD
15203	91.53	1.67	7506.54	7305.64	7304.77	835.61	2.95	7352.4	6.53	MWD
15292	91.29	0.73	7504.35	7394.59	7393.72	837.48	1.08	7441	6.46	MWD

15382	92.14	359.28	7501.65	7484.55	7483.67	837.49	1.87	7530.39	6.39	MWD
15471	91.5	1.5	7498.83	7573.5	7572.62	838.09	2.6	7618.86	6.32	MWD
15560	90.65	358.28	7497.15	7662.47	7661.59	837.92	3.73	7707.28	6.24	MWD
15650	90.91	0.03	7495.93	7752.44	7751.57	836.59	1.95	7796.59	6.16	MWD
15739	91.11	1.35	7494.37	7841.42	7840.55	837.66	1.5	7885.17	6.1	MWD
15828	91.3	0.02	7492.5	7930.4	7929.52	838.73	1.51	7973.76	6.04	MWD
15918	90.91	0.84	7490.76	8020.38	8019.5	839.4	1	8063.31	5.98	MWD
16007	90.86	0.44	7489.38	8109.36	8108.48	840.39	0.45	8151.92	5.92	MWD
16097	90.39	0.83	7488.4	8199.35	8198.47	841.38	0.68	8241.53	5.86	MWD
16186	89.99	0.02	7488.11	8288.35	8287.47	842.04	1.01	8330.14	5.8	MWD
16276	89.47	359.68	7488.53	8378.35	8377.47	841.81	0.68	8419.66	5.74	MWD
16365	89.98	1.24	7488.95	8467.34	8466.46	842.53	1.84	8508.28	5.68	MWD
16454	91.16	0.35	7488.06	8556.32	8555.45	843.77	1.66	8596.95	5.63	MWD
16544	90.61	0.2	7486.68	8646.31	8645.43	844.21	0.63	8686.55	5.58	MWD
16633	89.18	0.44	7486.84	8735.31	8734.43	844.71	1.63	8775.18	5.52	MWD
16722	90.14	1.3	7487.36	8824.3	8823.42	846.06	1.45	8863.89	5.48	MWD
16812	90.18	1.69	7487.11	8914.27	8913.38	848.41	0.44	8953.67	5.44	MWD
16901	88.04	0.21	7488.49	9003.24	9002.35	849.89	2.92	9042.38	5.39	MWD
16990	88.95	1.01	7490.82	9092.2	9091.32	850.83	1.35	9131.04	5.35	MWD
17080	88.03	1.09	7493.19	9182.16	9181.27	852.48	1.03	9220.76	5.3	MWD
17169	87.75	358.77	7496.47	9271.09	9270.2	852.38	2.62	9309.31	5.25	MWD
17259	88.67	0.52	7499.27	9361.04	9360.15	851.82	2.19	9398.83	5.2	MWD
17348	89.71	0.6	7500.53	9450.03	9449.14	852.69	1.17	9487.53	5.16	MWD
17438	89.21	0.62	7501.38	9540.02	9539.13	853.64	0.55	9577.25	5.11	MWD
17527	88.33	0.38	7503.29	9628.99	9628.1	854.42	1.02	9665.94	5.07	MWD
17616	89.88	359.95	7504.68	9717.98	9717.09	854.67	1.8	9754.6	5.03	MWD
17706	87.61	359.03	7506.65	9807.95	9807.06	853.87	2.72	9844.16	4.98	MWD
17746	89.11	0.57	7507.79	9847.93	9847.04	853.74	5.37	9883.98	4.96	MWD
17788	89.11	0.57	7508.45	9889.92	9889.03	854.15	0.01	9925.85	4.94	Manual

Company: Verdad Resources LLC
Well: County Line 3130 - 05H
Field Name: Wattenberg
Country Name: United States
State Name: Colorado
County Name: Weld

Schlumberger

XBOLT GAMMA RAY
1in/100ft Measured Depth
Final Print
Recorded Mode