

Company: SRC Energy LLC

Well: Bost Farm 32C-11-L

Field: Wattenberg

County: Weld

State: Colorado

Country: United States of America

Section: 7 APIN: 05-123-47663

Township: 5N Rig Name: Precision Drilling 462

Range: 66W Rig Type: Land Rig

FL: NAD83 Colorado State Plane, Northern Zone, US Feet

FL1: X: 3187006.757 ft

FL2: Y: 1395595.718 ft

Log Measured From: - Drill Floor: 4898.00 ft

Ground Level: 4878.00 ft

Permanent Datum: - Mean Sea Level

Acquisition Dates: 19-Jun-2019 -- 24-Jun-2019

Log Interval: 1805 (ft) -- 17557 (ft)

Index Types: Measured Depth

Index Scales: 1:240 5" / 100'

Depth Source: Driller's Depth

Depth Sensor: PASON

Print Type: Final

Spud Date: 12-MAR-2019

Other Services:

Directional Drilling

Direction and Inclination (Surveys)

Continuous D&I

Rotary Steerable System

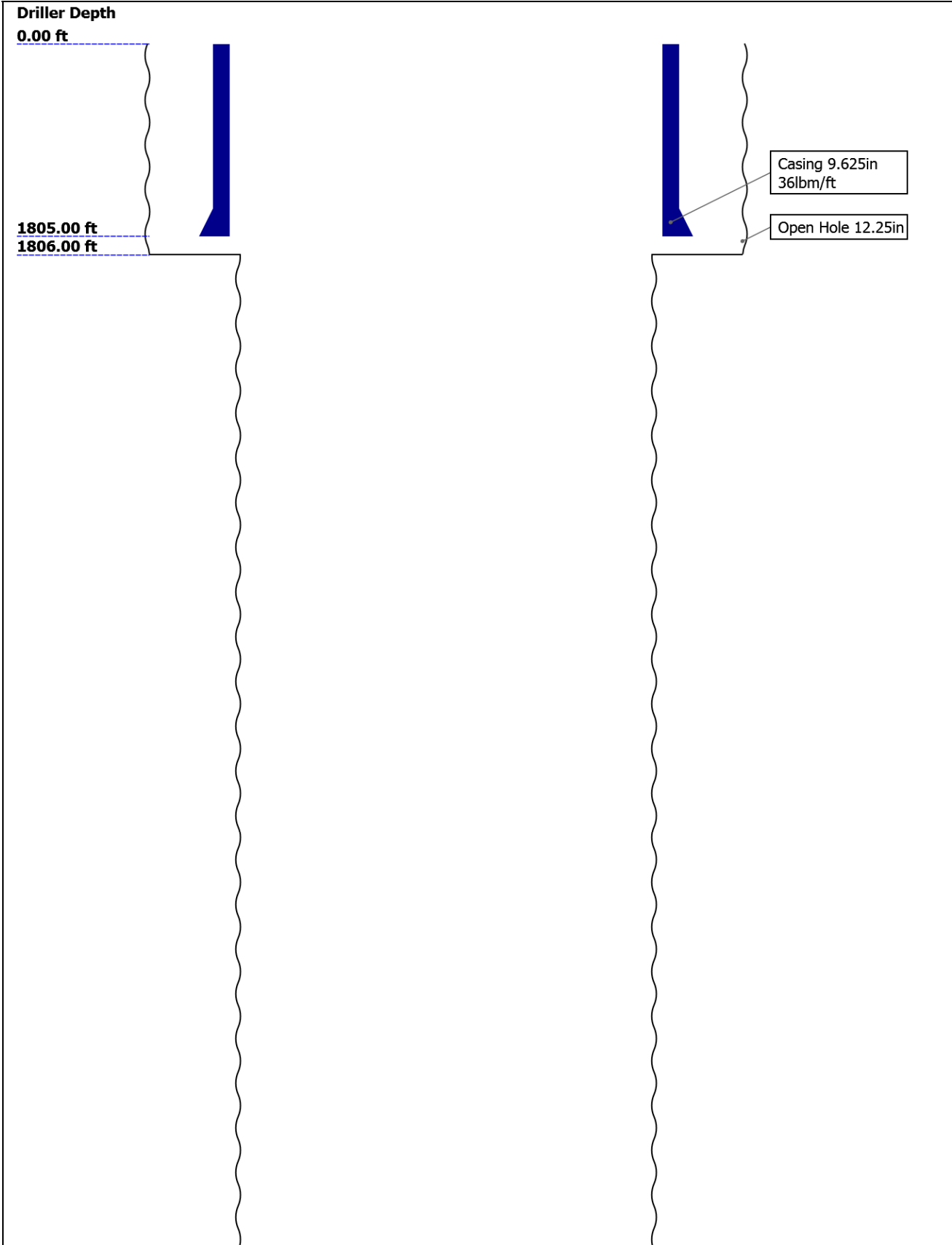
Disclaimer

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Well Sketch





Borehole Size/Casing Record

Bit						
Bit Size (in)	12.25	8.5				
Top Driller (ft)	0	1806				
Bottom Driller (ft)	1806	17554.75				
Casing						
Size (in)	9.625					
Weight (lbm/ft)	36					
Inner Diameter (in)	8.921					
Grade	J55					
Top Driller (ft)	0					
Bottom Driller (ft)	1805					

Operational Run Summary

Parameter (unit)	Run001	Run002				
Date Log Started	19-Jun-2019	22-Jun-2019				
Time Log Started	04:37:52	18:39:09				
Date Log Finished	22-Jun-2019	24-Jun-2019				
Time Log Finished	07:47:54	11:49:56				
Bit Size (in)	8.500	8.500				
Bit Start Depth (ft)	1805.00	15452.58				
Bit Stop Depth (ft)	15452.58	17557.00				
Top Log Interval (ft)	1805.00	15428.00				
Bottom Log Interval (ft)	15428.00	17533.00				
Max Hole Deviation (deg)	92.61	91.12				
Azimuth of Max Deviation (deg)	274.91	264.42				
Logging Unit Number	Client Provided	Client Provided				
Logging Unit Location	Zone 2	Zone 2				
Recorded By	A. Le	A. Le				
Witnessed By	B. Holmgren	B. Holmgren				
Service Order Number	19CCO1172	19CCO1172				

Borehole Fluids

Remarks and Equipment Summary

All Data Presented is from Real Time Data and acquired while drilling.

Depth is referenced to Driller's Depth.

Barite was present in the mud.

Run001: Remarks

Run002: Remarks

Run Objective: Drill curve and lateral to Well T

Run Objective: Drill lateral to Well TD.

Reason to POOH: Inspect BHA.

Reason to POOH: Well TD.

Drill Interval: 1805 ft MD to 15453 ft MD

Drill Interval: 15453 ft MD to 17557 ft MD.

Logged Interval: 1805 ft MD to 15429 ft MD

Logged Interval: 15429 ft MD to 17533 ft MD.

MWD Personnel:

MWD Personnel:

A. Le

A. Le

B. Holmgren

B. Holmgren

Run001: Toolstring

Equip name	Length	MP name	Offset
Ftr Sub: 6 3/4":SD 117037	125.84	Diffuser Sub	

Flt Sub: 6 3/4":SD1 119.94 Double Bore Float

Motor: 6 3/4":7090 116.88

Run002: Toolstring

Equip name	Length	MP name	Offset
Filtr Sub: 6 3/4":SD 117037	122.59	Diffuser Sub	

Motor: 6 3/4":7084 **116.69** Hunting



Flex DC: 6 3/4":DR 78.18
56450

Archer Flex Pony

XEM650:DR56260 42.73

GAP650:GSBR0995
XEM650DC:DR56260
DPG:DDRP104
XHOP:XHOP1019
XTX:HVTX0857
DYN:SOCD1023
BAT:DOBA2282
XGM:XGM0717
DNI:SOCD1023

INT PRES
ANN PRES
TEMP

40.31
40.16
40.16

GR

24.91

Flex DC: 6 3/4":DR 78.18
56450

Archer Flex Pony

XEM650:DR56260 42.73

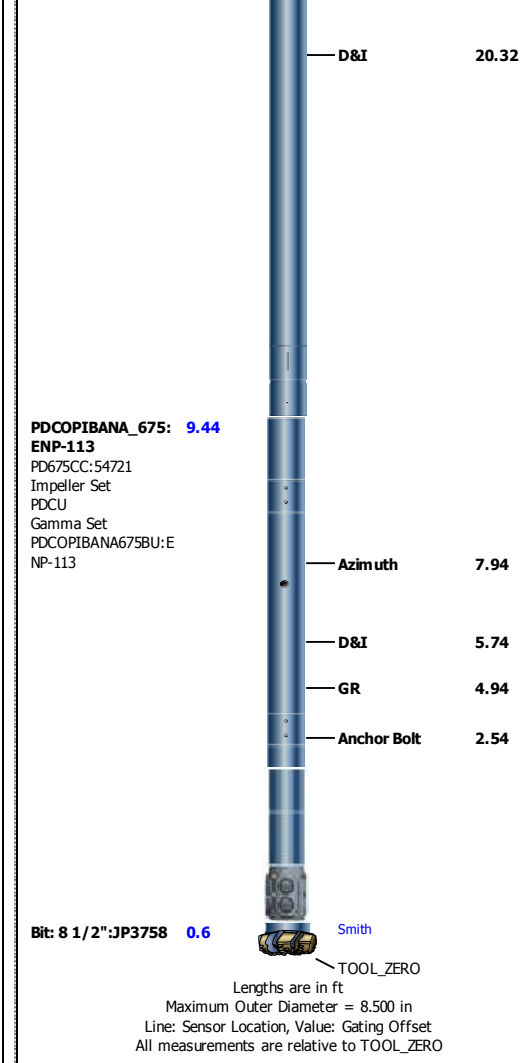
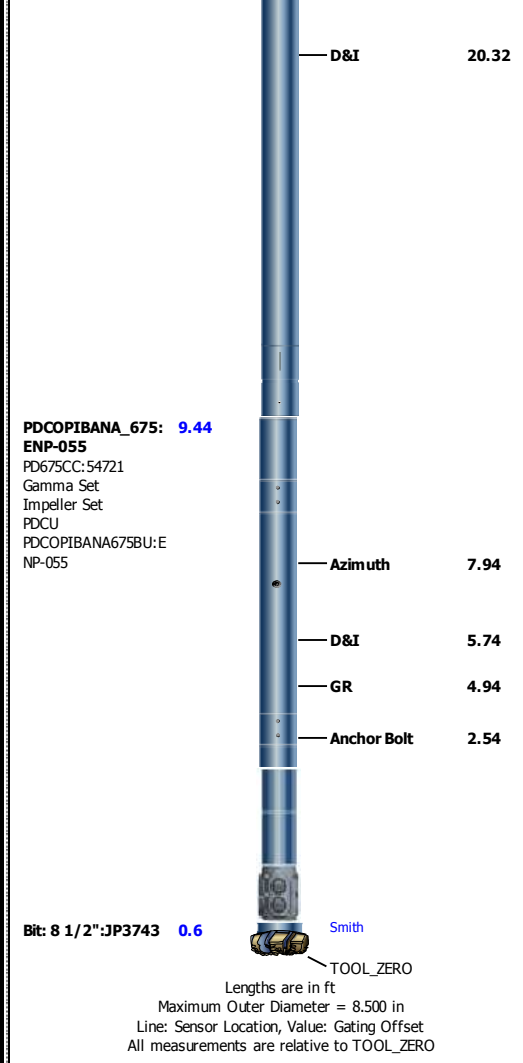
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DPG:DDRP104
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DYN:SOCD1023
BAT:DOBA2282
XGM:XGM0717
DNI:SOCD1023

INT PRES
ANN PRES
TEMP

40.31
40.16
40.16

GR

24.91



Well Composite

Software Version	
Acquisition System	Version
Maxwell 2018 SP2	8.2.104493.3100

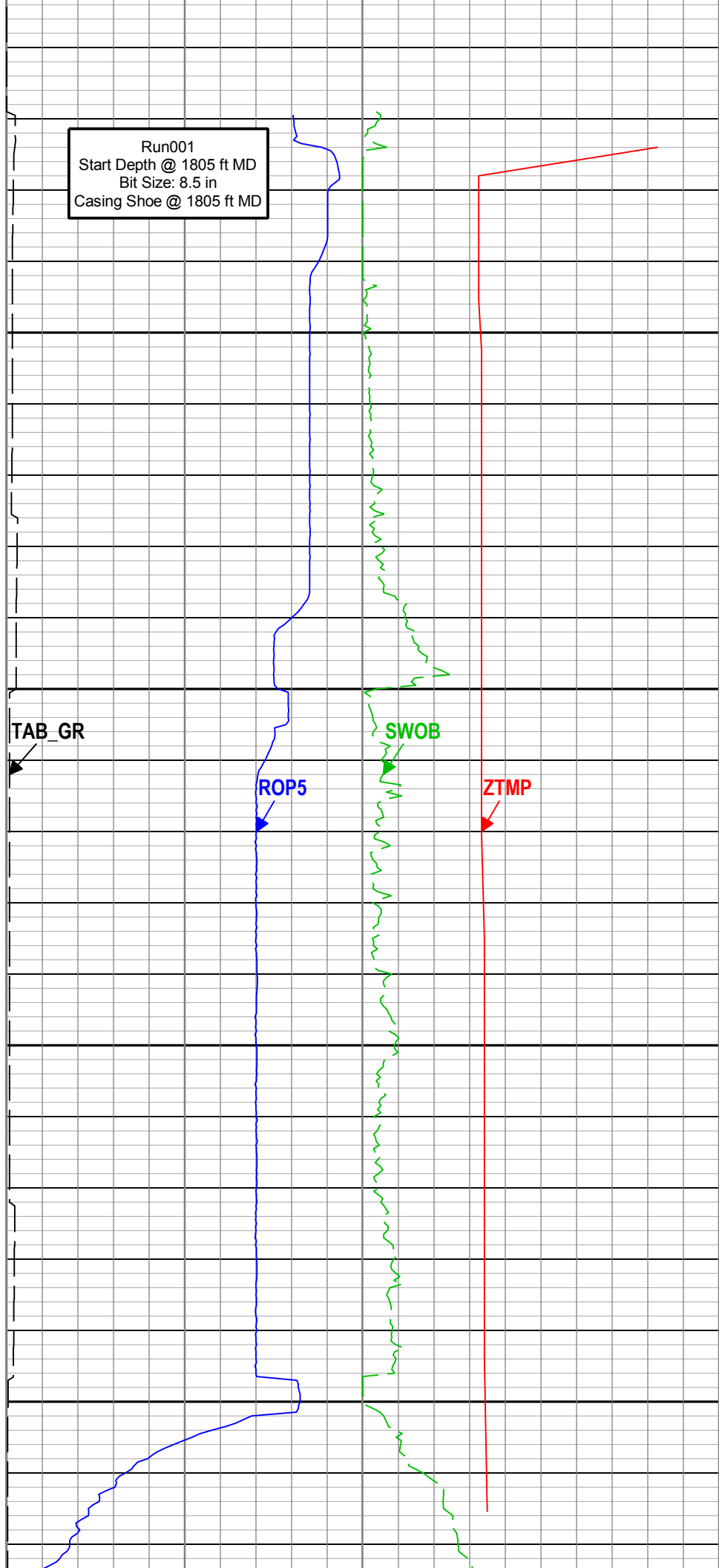
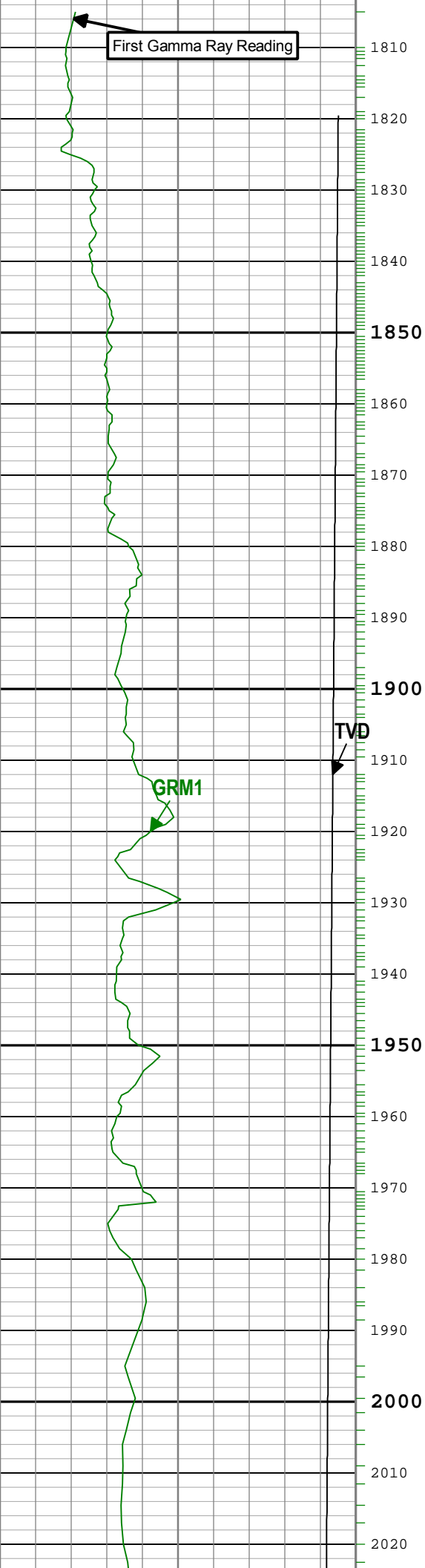
Composite Summary							
Run Name	Pass Objective	Direction	Top	Bottom	Start	Stop	Include Parallel Data
Run001	Drilling	Down	1819.17 ft	15452.58 ft	19-Jun-2019 4:37:52 AM	22-Jun-2019 7:47:54 AM	No
Run002	Drilling	Down	15451.67 ft	17554.75 ft	22-Jun-2019 6:39:09 PM	24-Jun-2019 11:49:56 AM	No

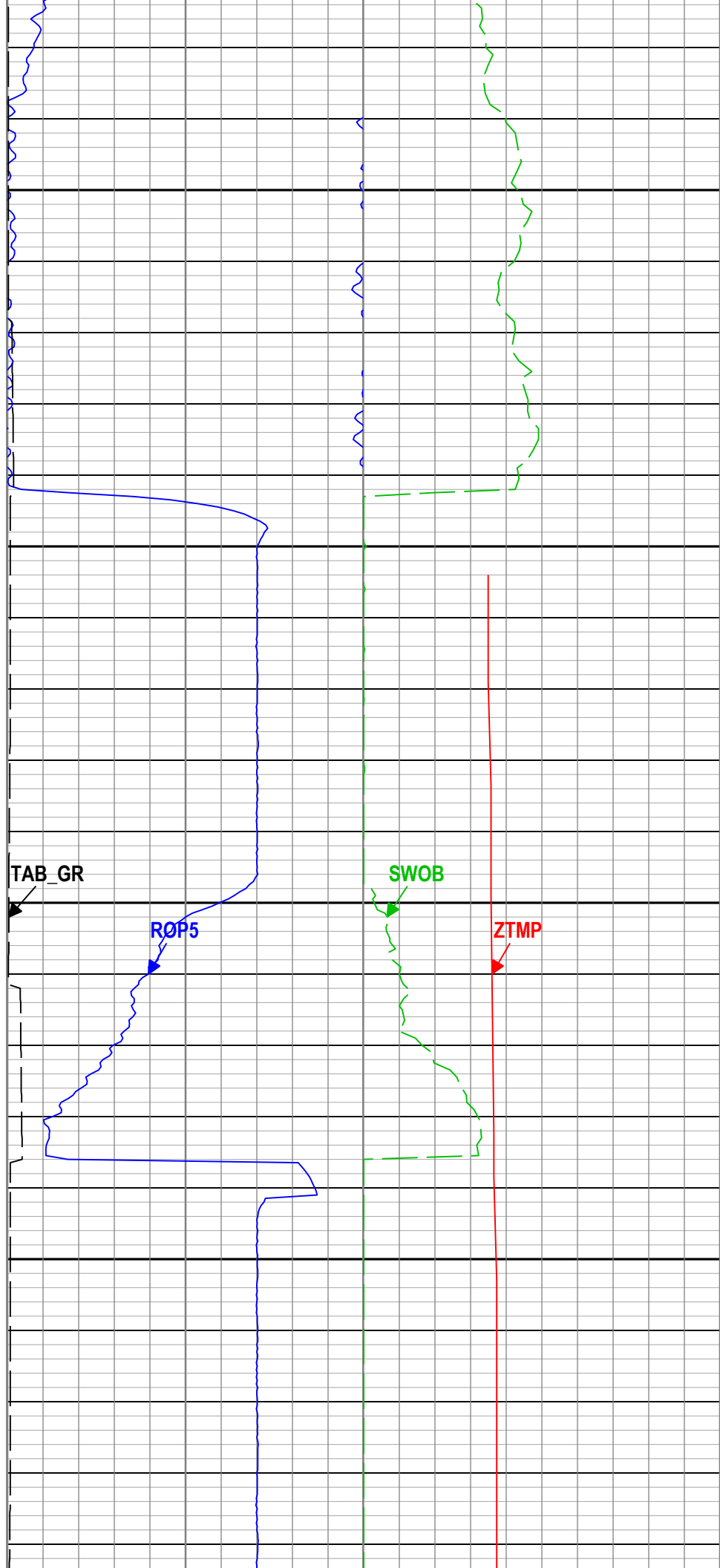
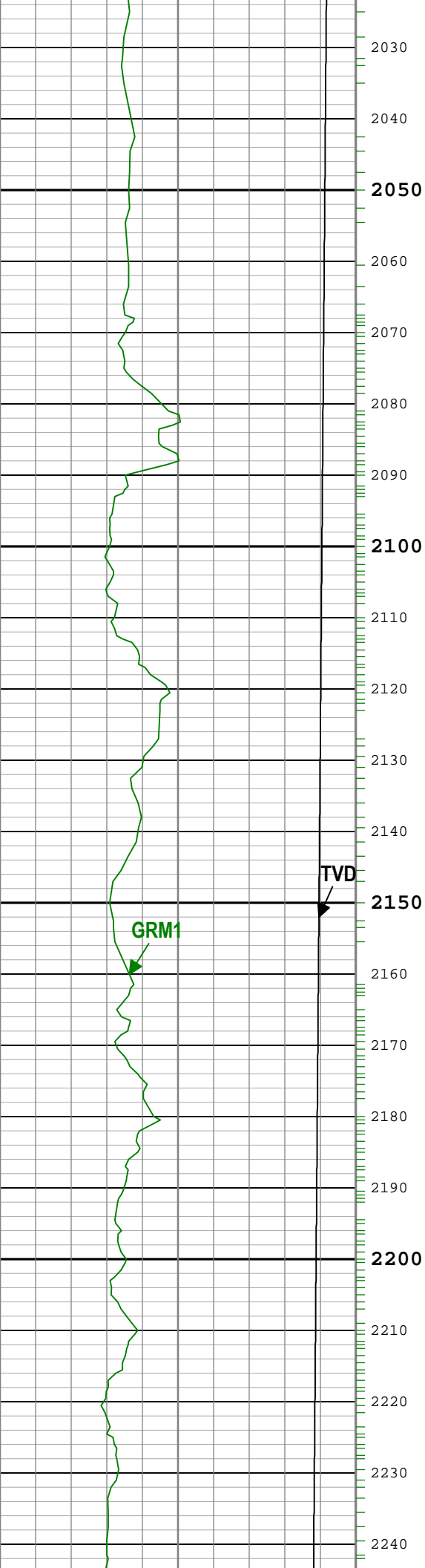
All depths are referenced to toolstring zero

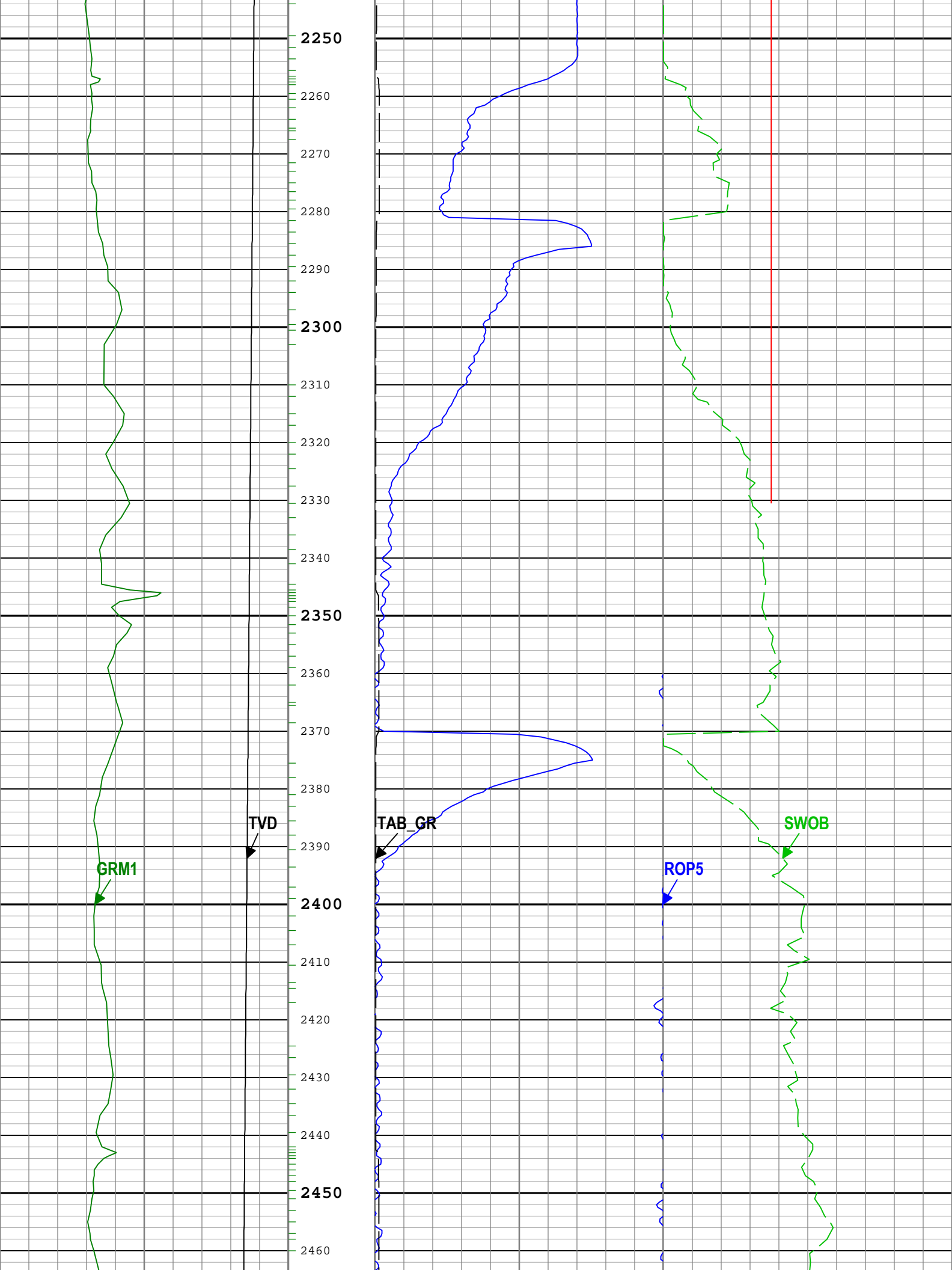
Log	Company:SRC Energy LLC	Well:Bost Farm 32C-11-L
		Well Composite:S491

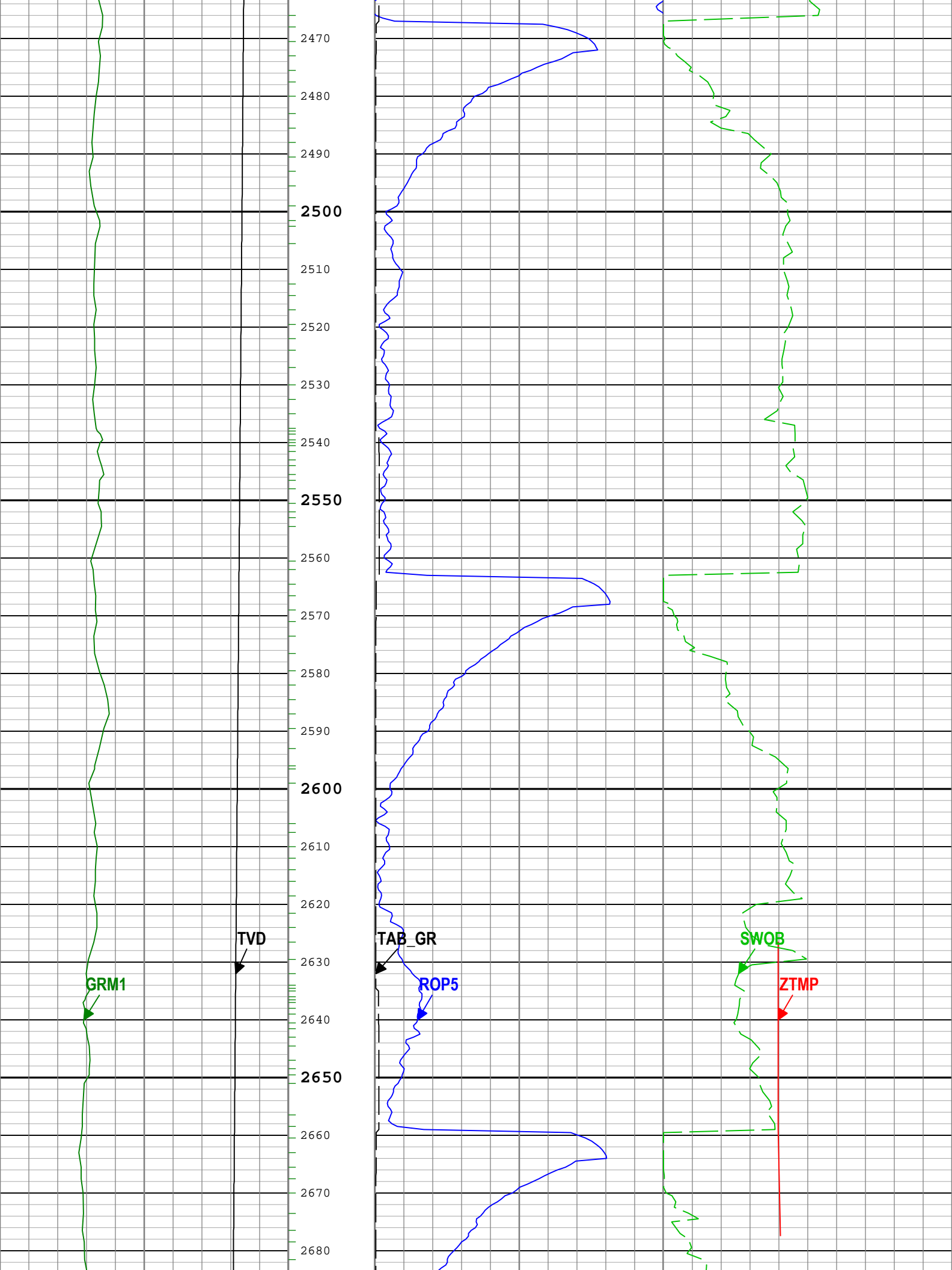
Description: Extreme Gamma Ray 1 RT Format: Log (Extreme Gamma Ray 1 RT) Index Scale: 5 in per 100 ft Index Unit: ft Index Type: Measured Depth Creation Date: 24-Jun-2019 19:43:46

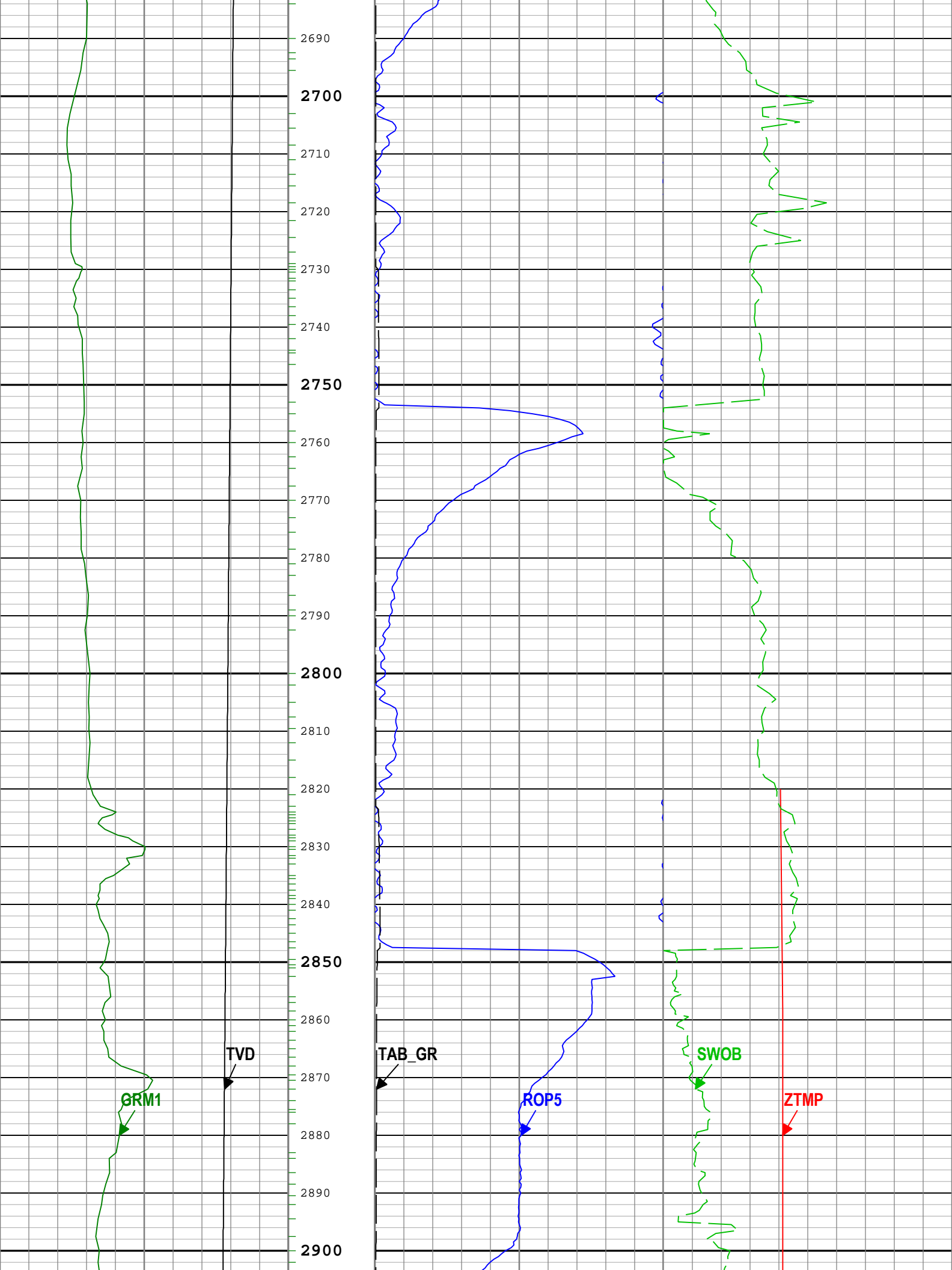
GRM1 - Gamma Ray Extreme[1] RT		
Rate of penetration averaged over the last 5 ft (1.5 m) (ROP5) RT		
1000 ft/h 0		
Gamma Ray Time after Bit (TAB_GR) Extreme[1]		
0 h 10		
Cartridge Temperature (ZTMP) Extreme[1] RT		
0 degF 300		
Surface Weight On Bit (SWOB) RT		
0 1000 lbf 50		
Gamma Ray (GRM1) Extreme[1] RT		
0 gAPI 300		
True Vertical Depth (TVD) RT		
7500 ft 1500		

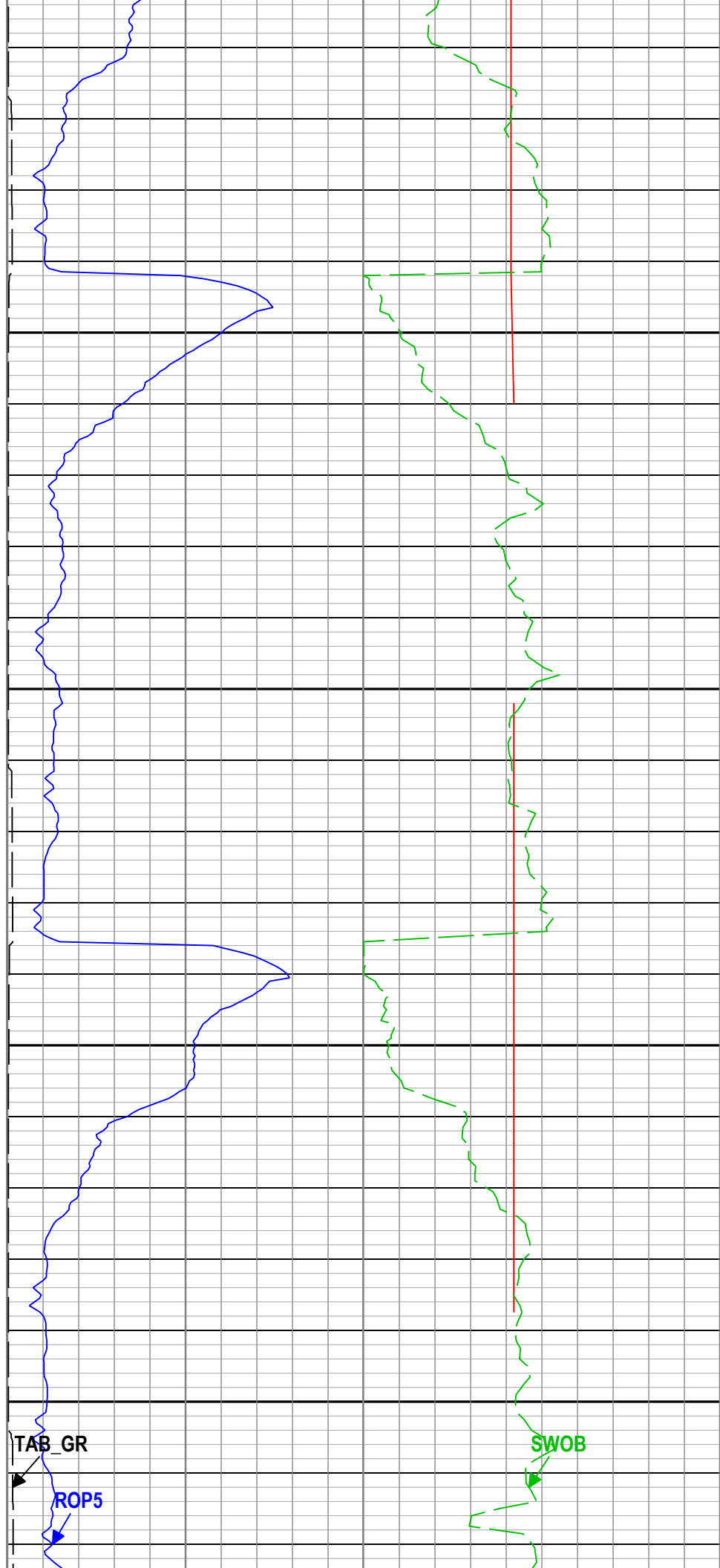
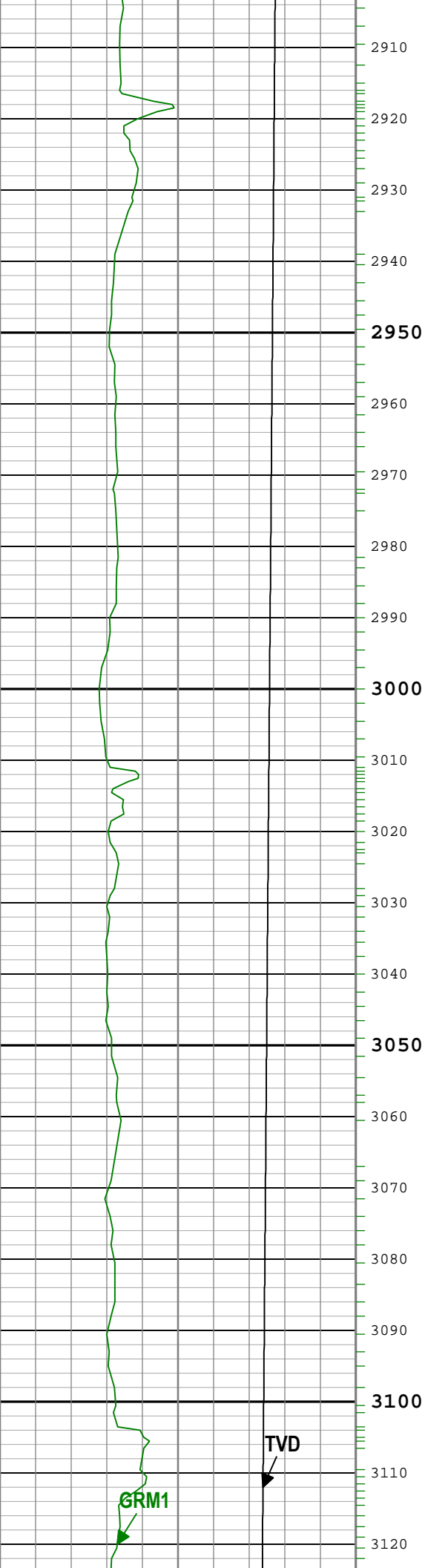


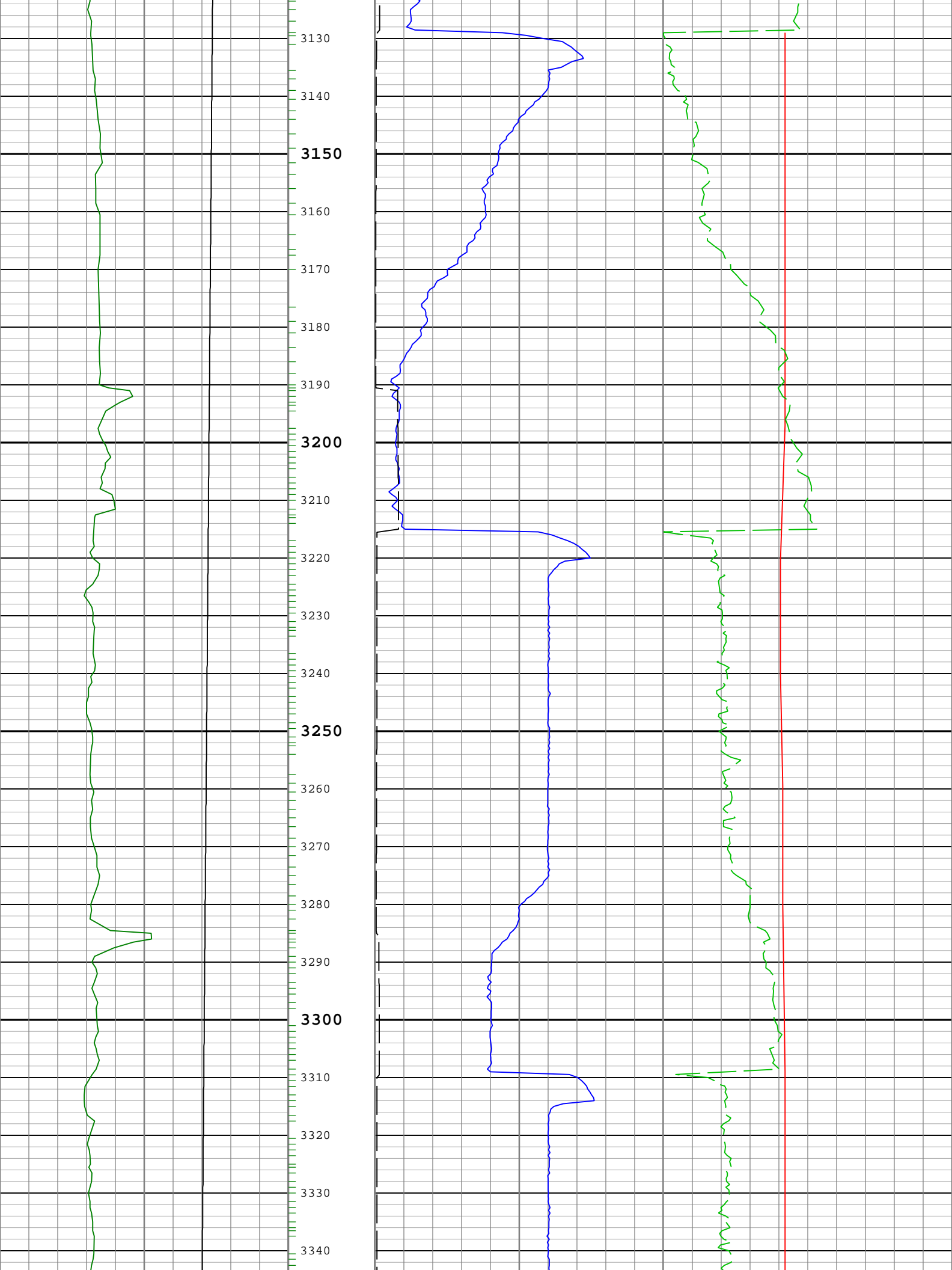


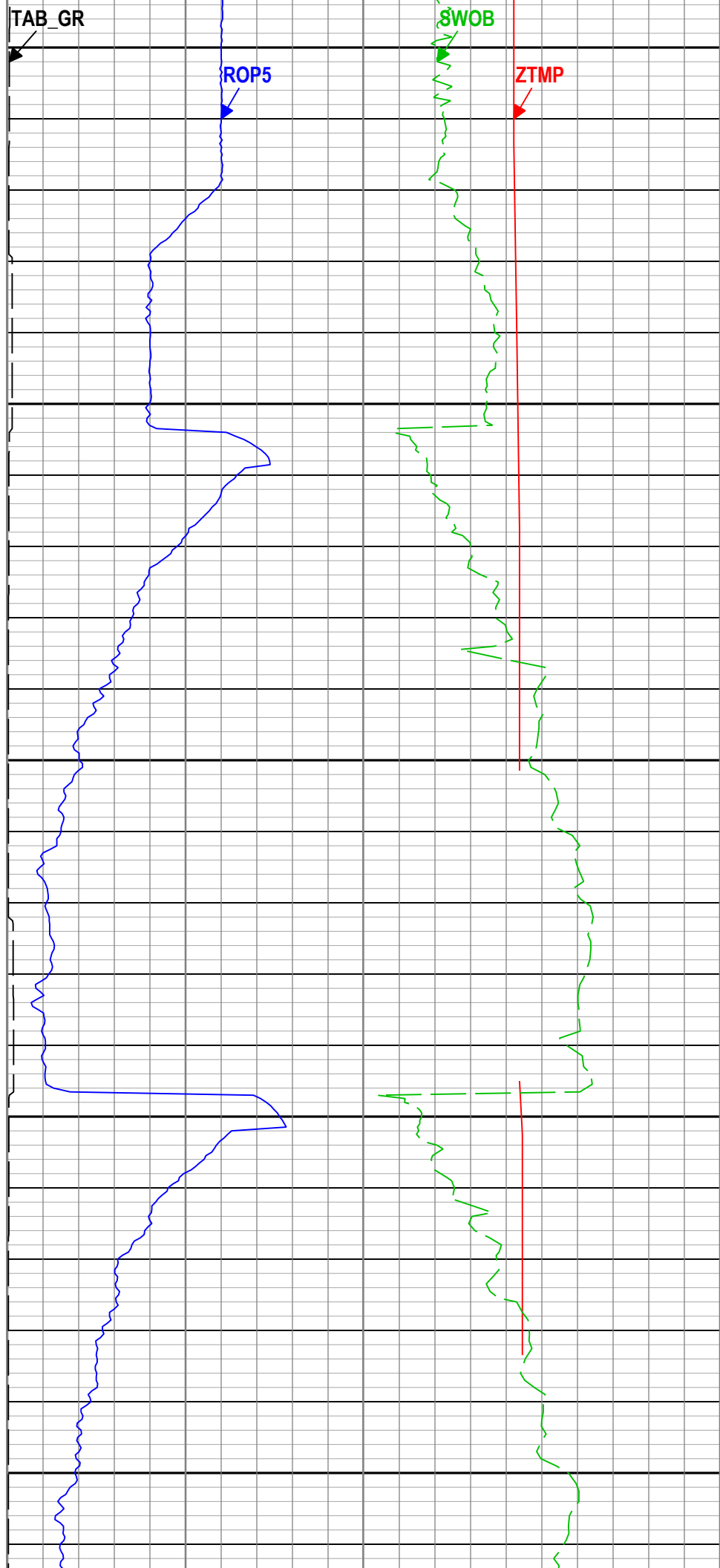
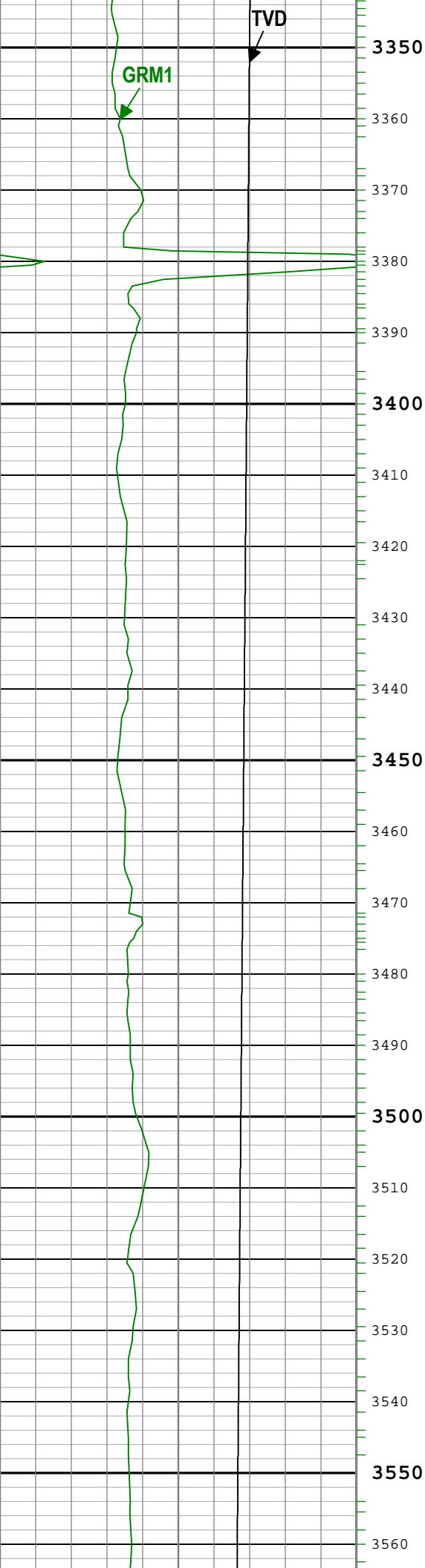


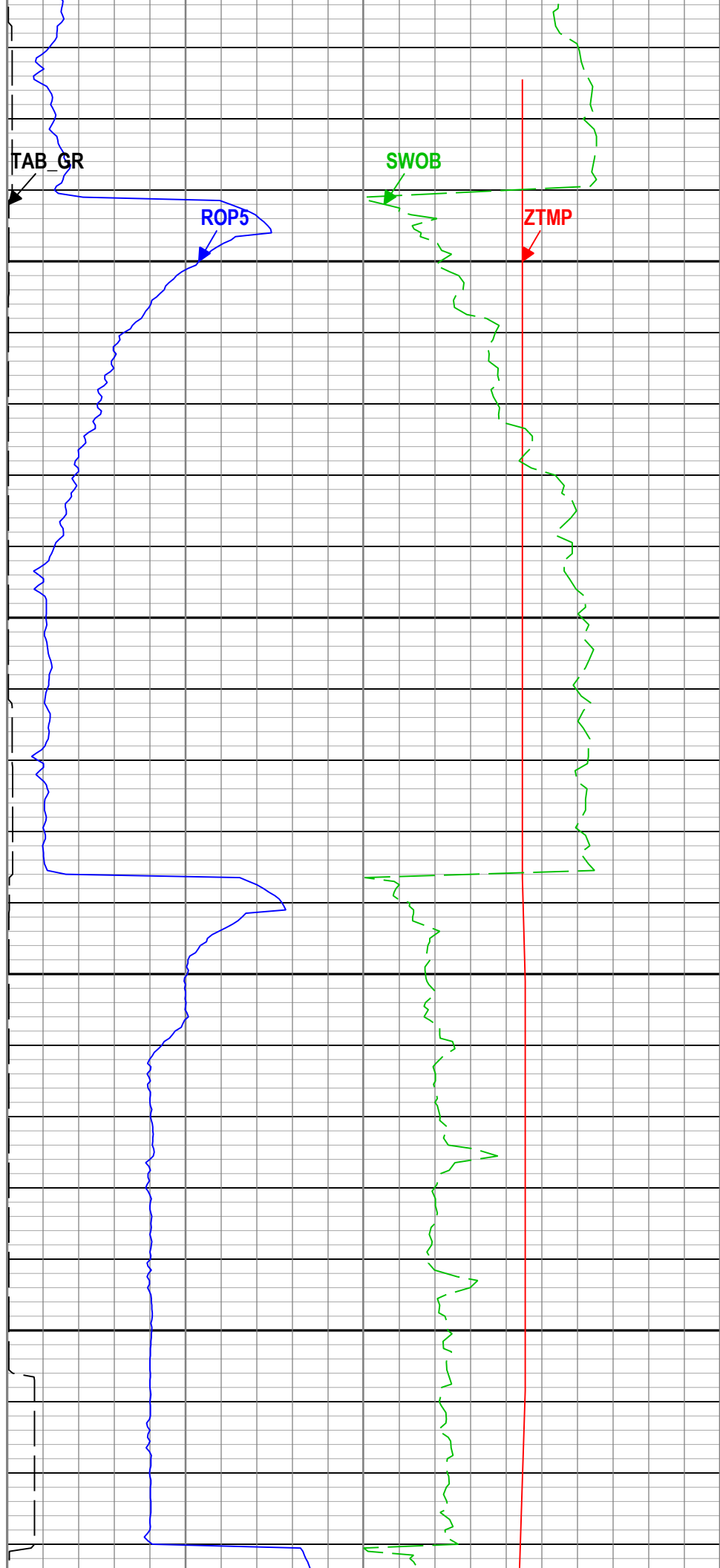
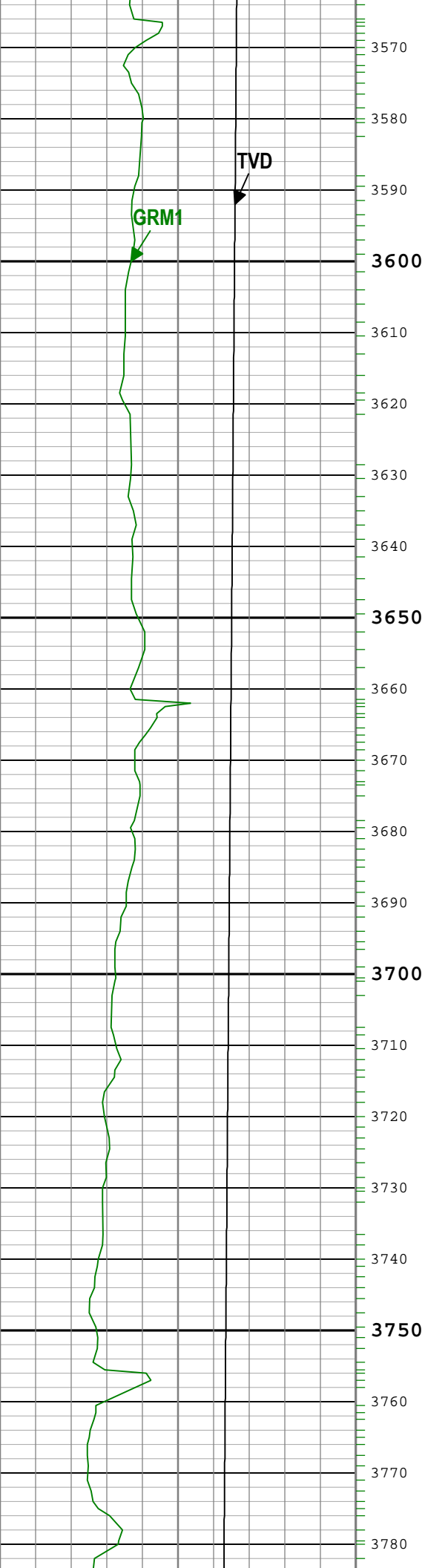


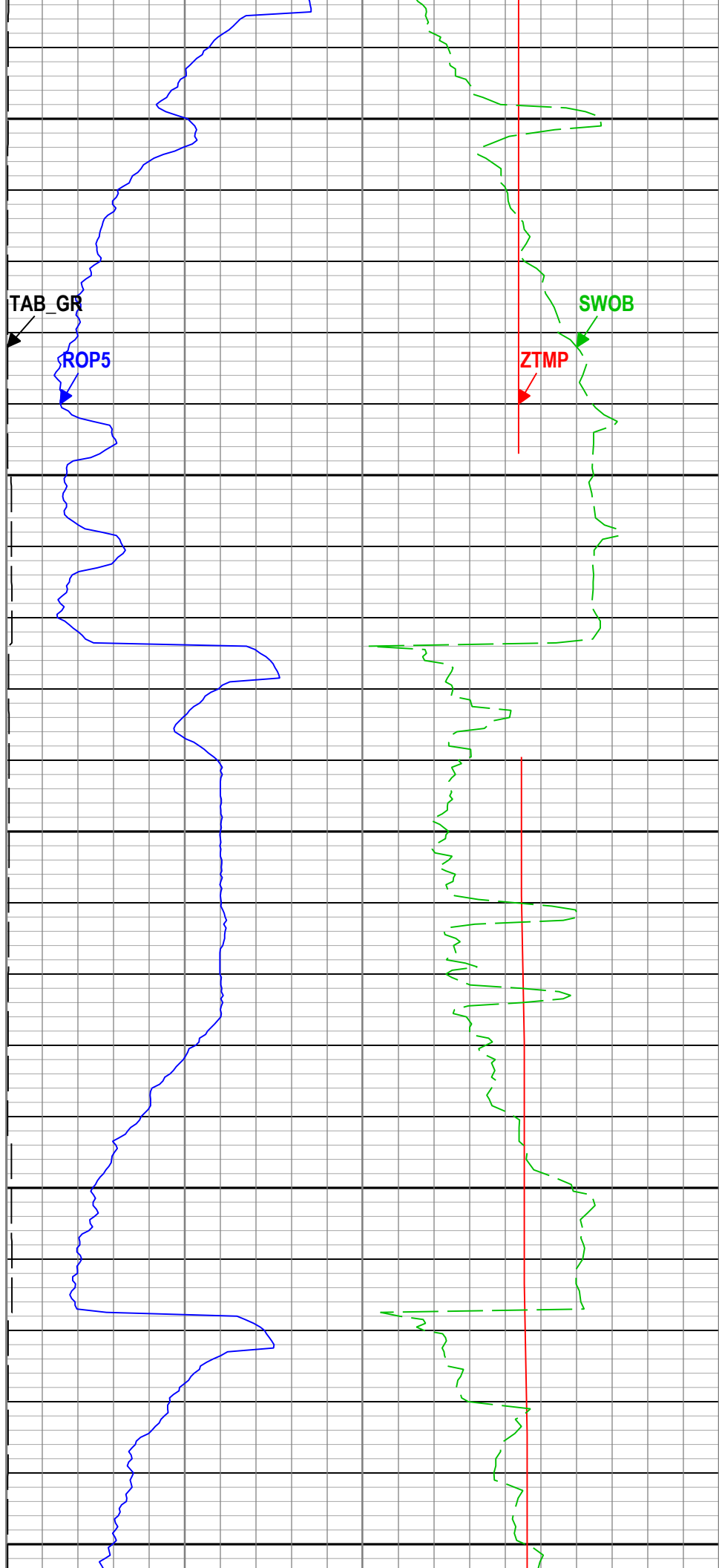
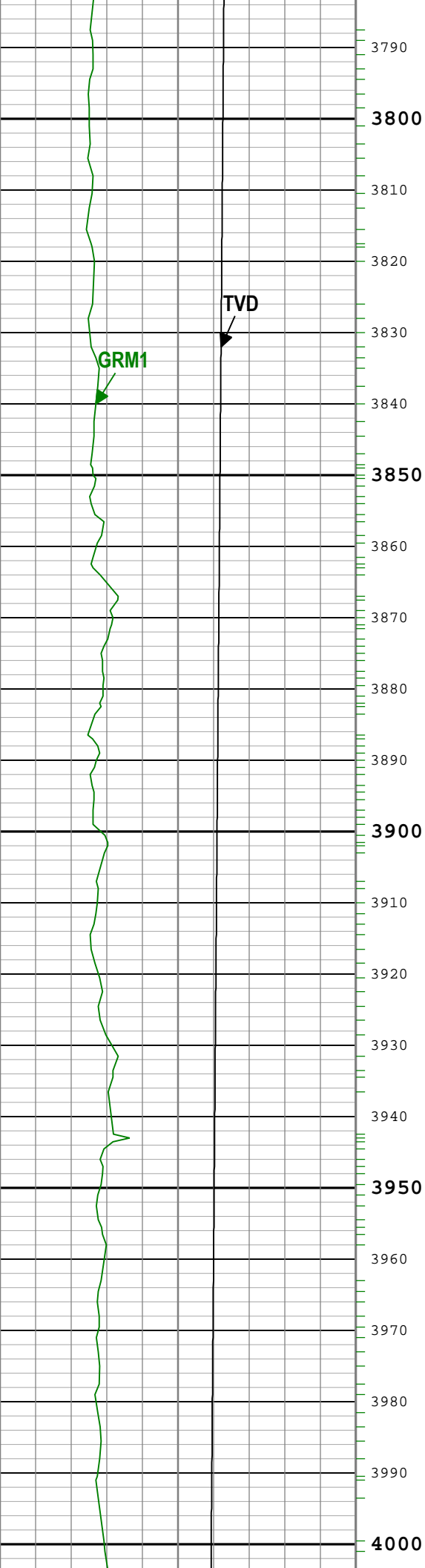


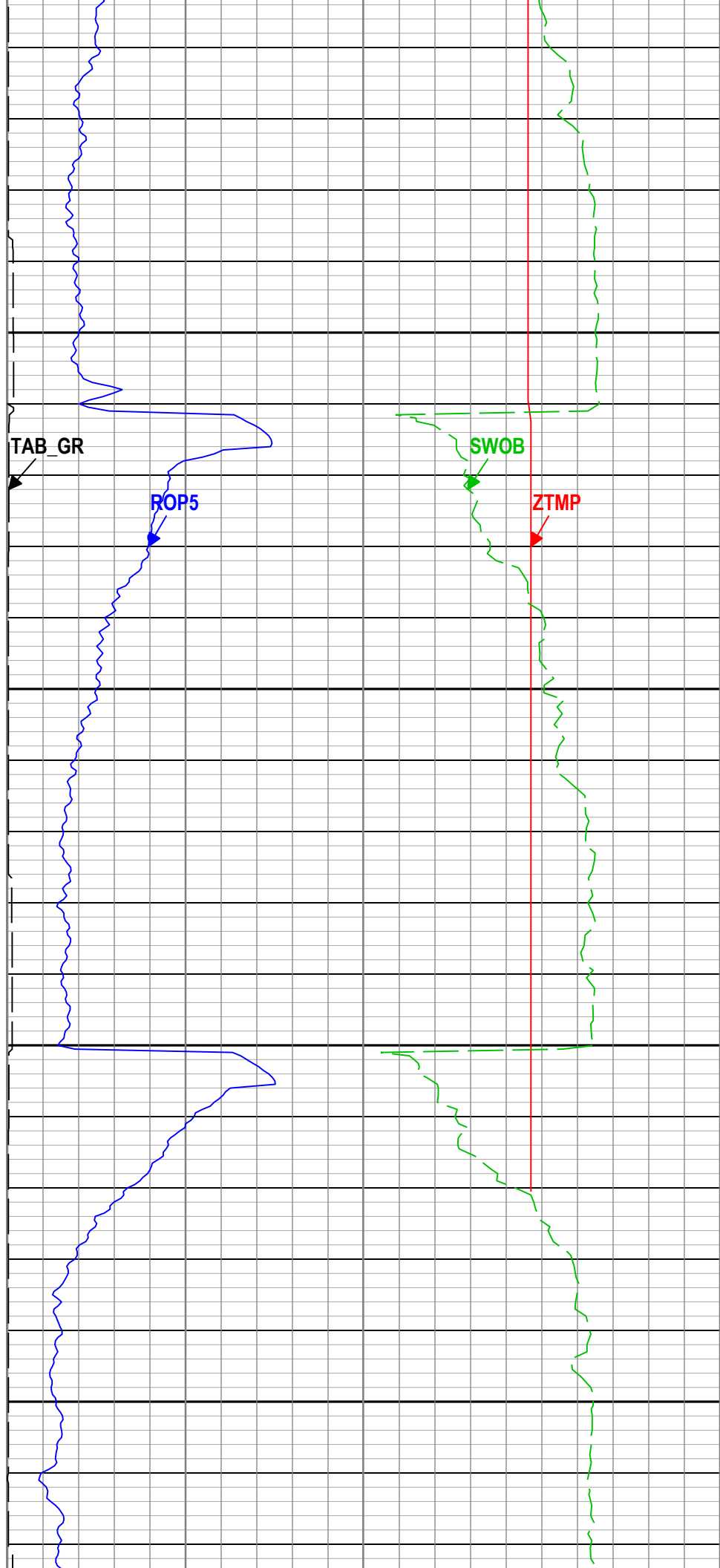
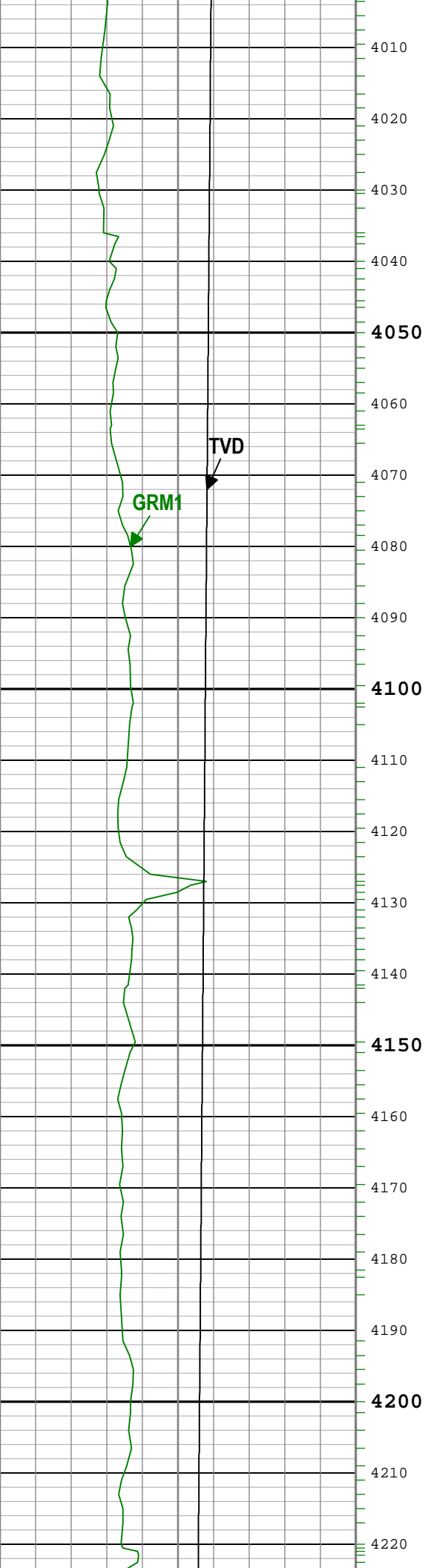


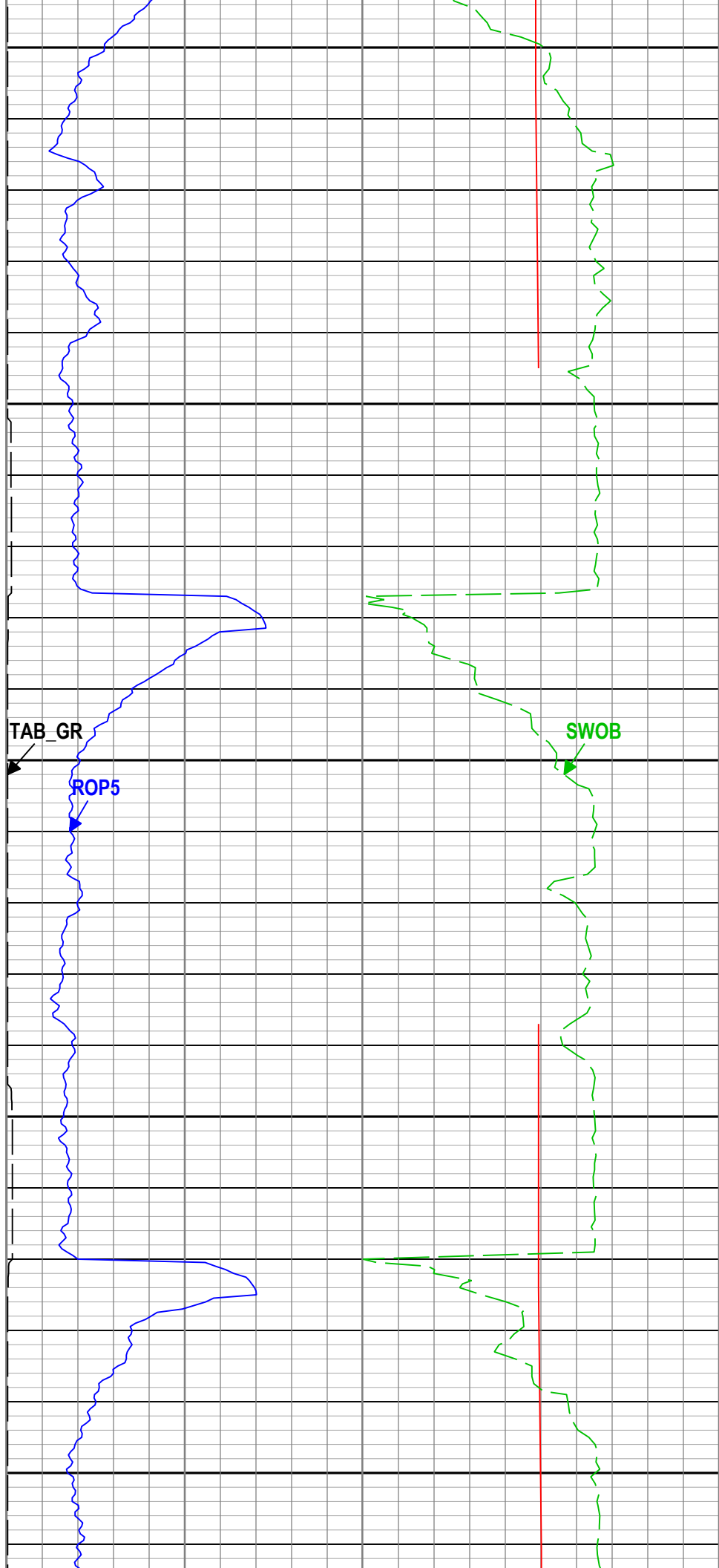
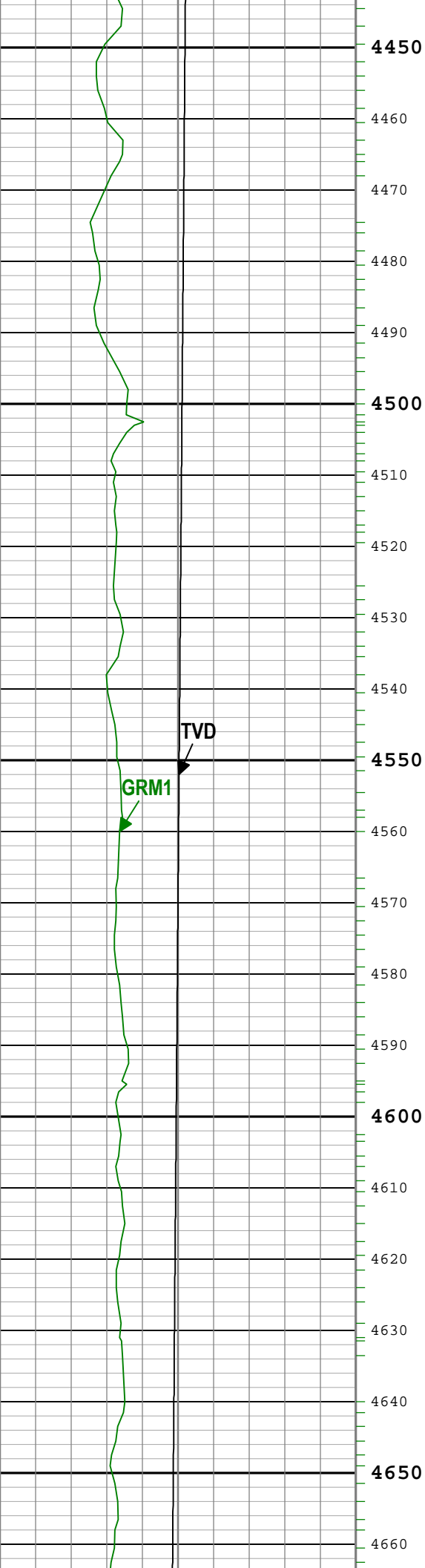


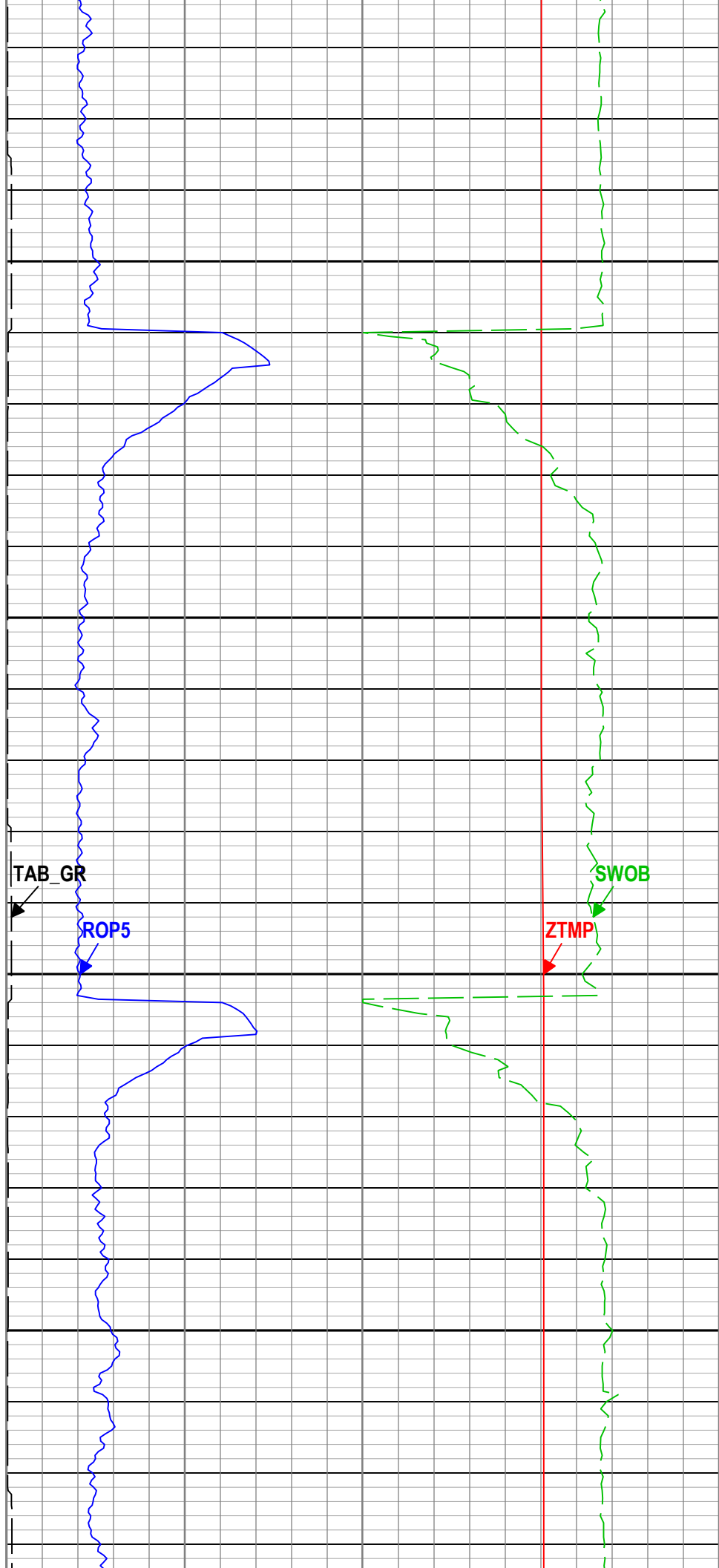
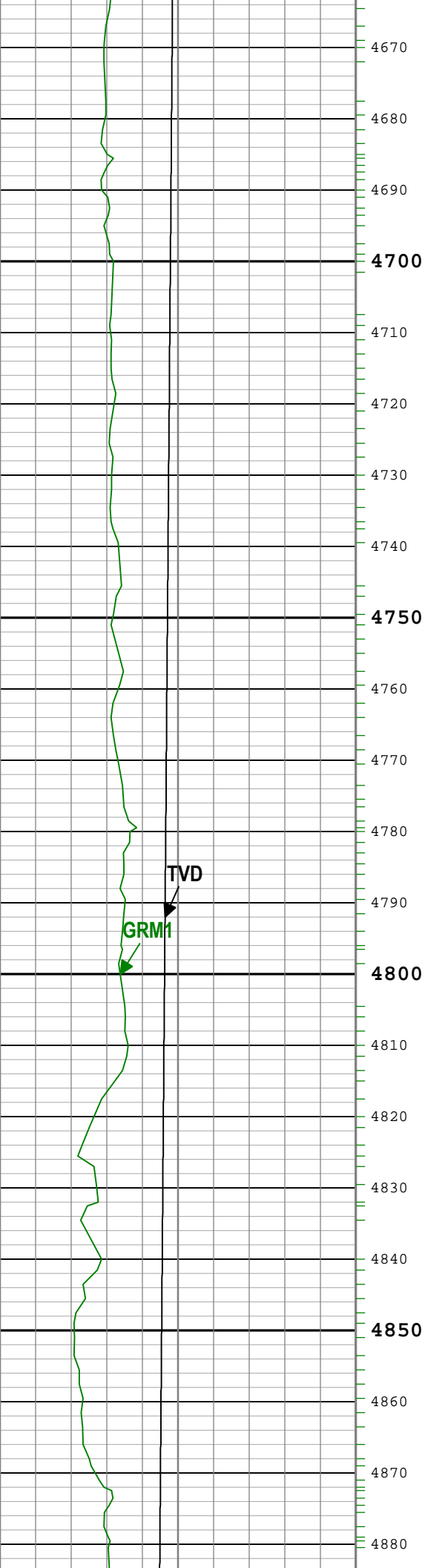


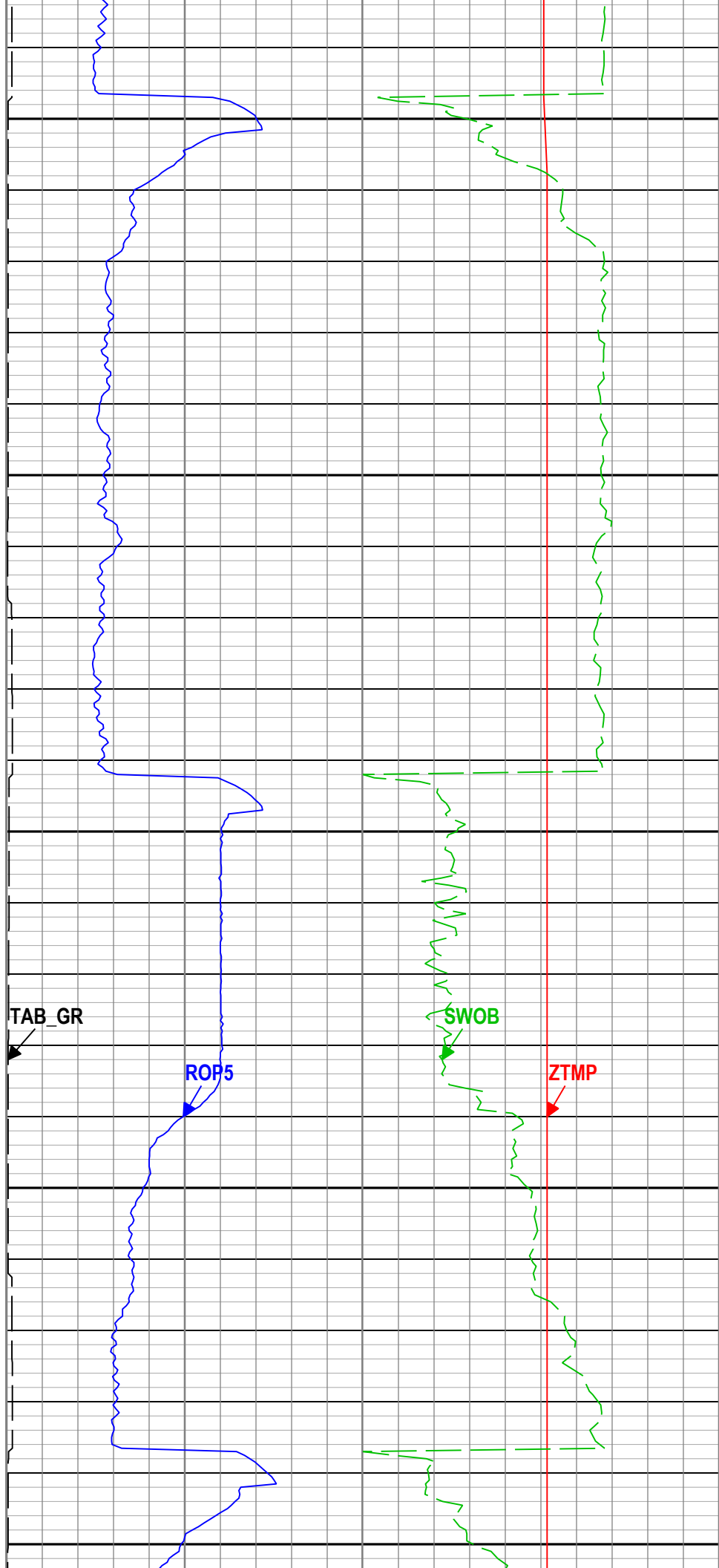
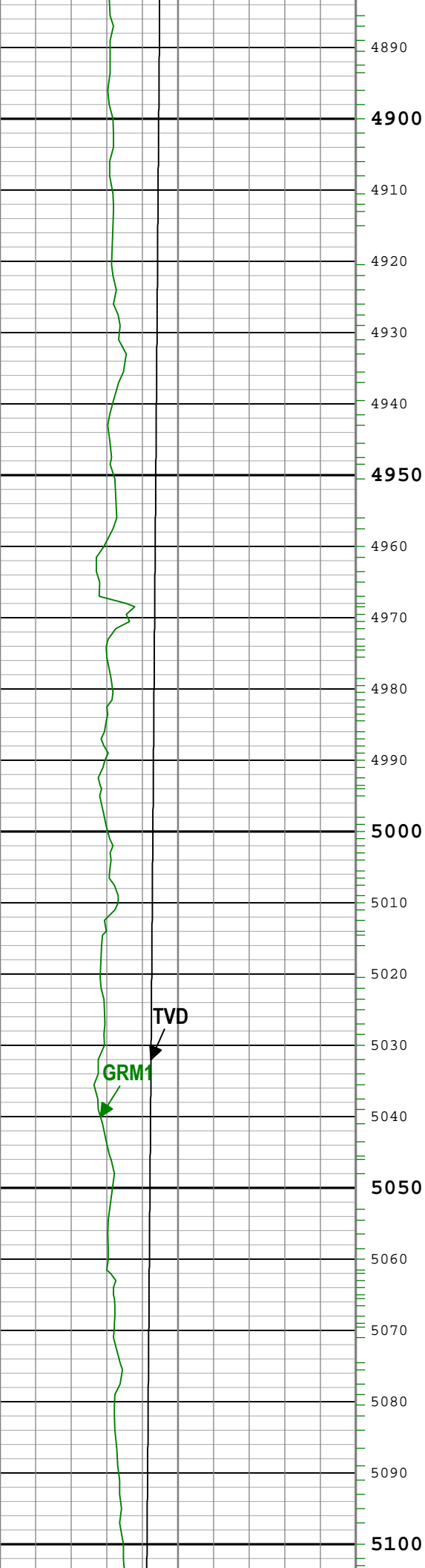


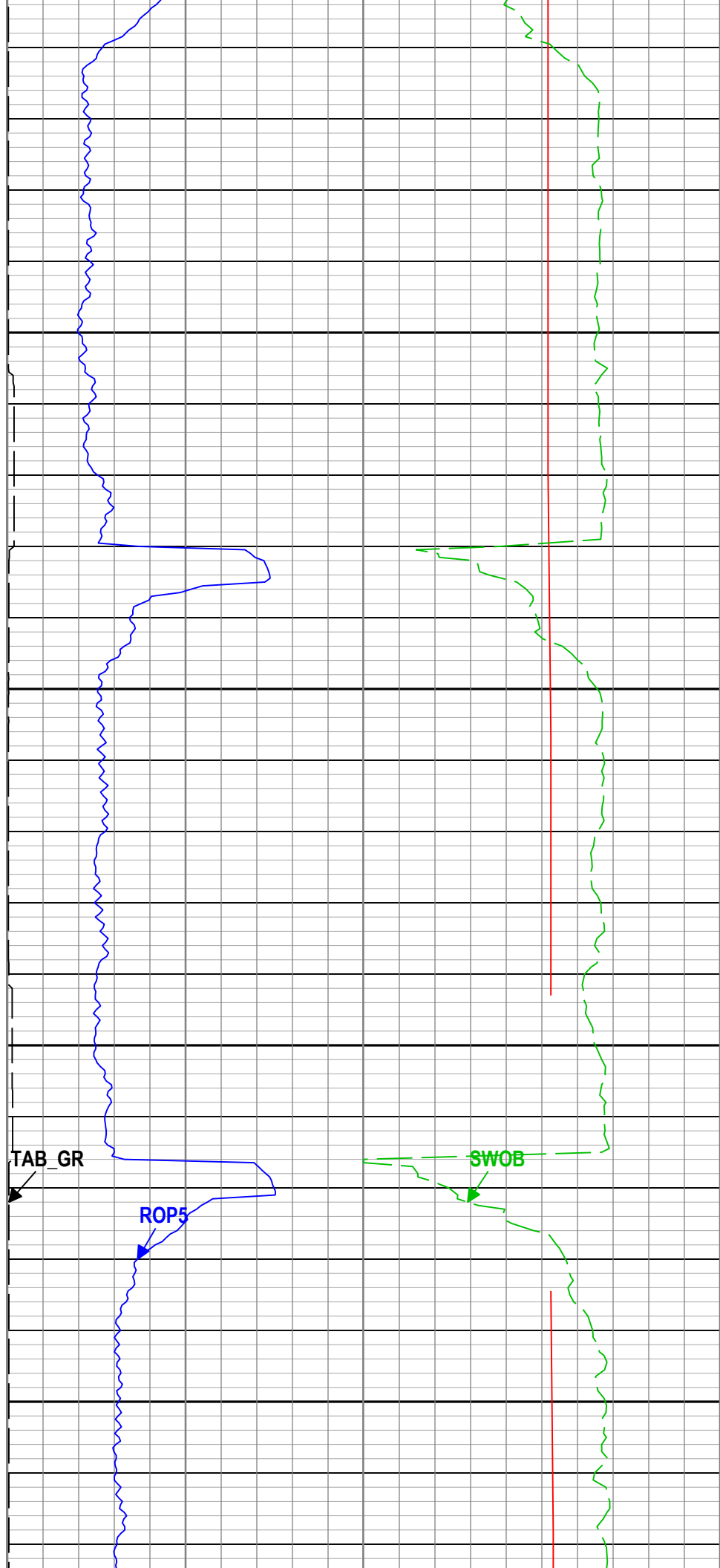
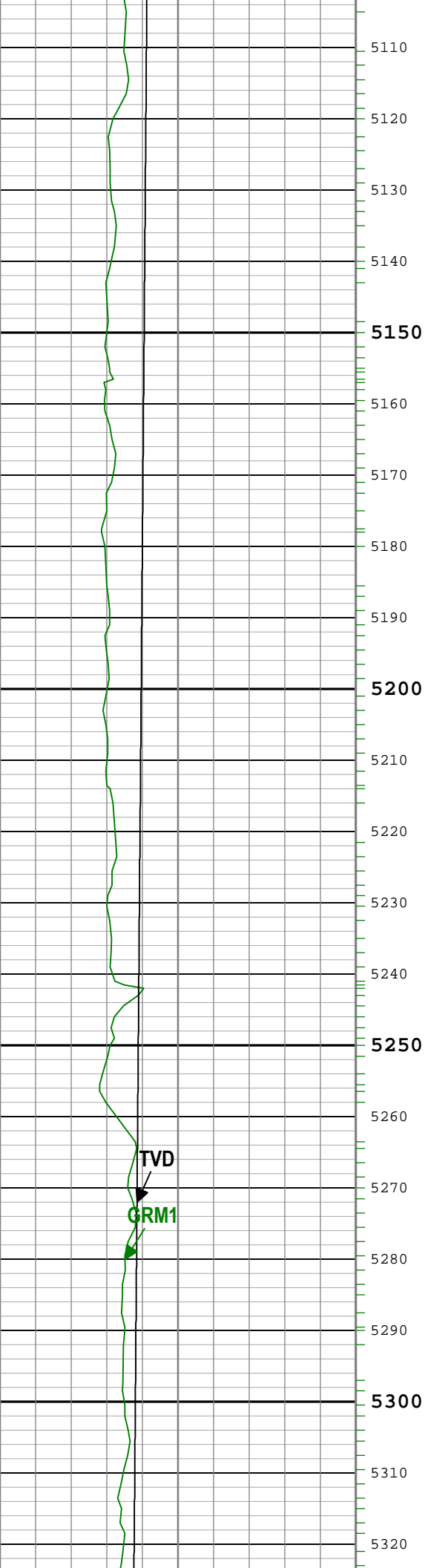


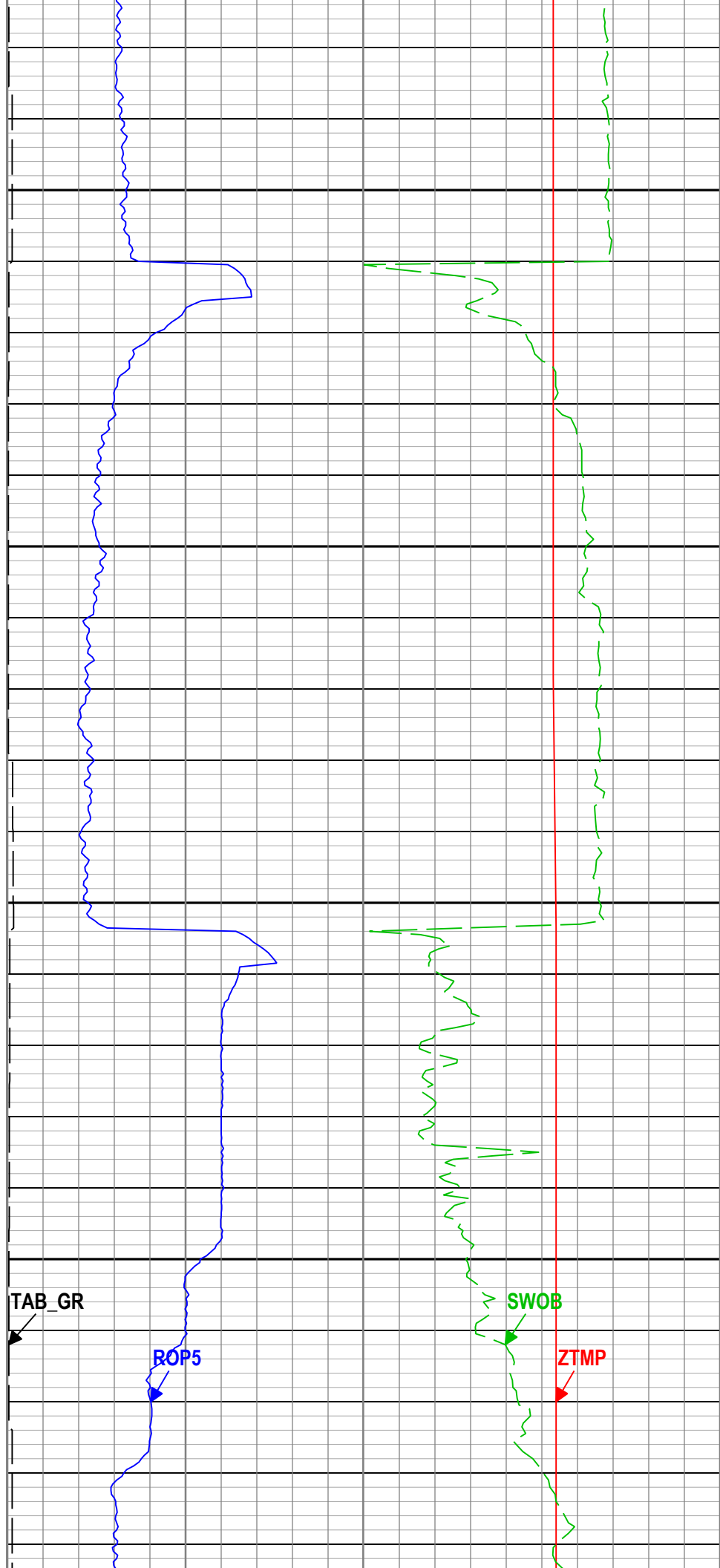
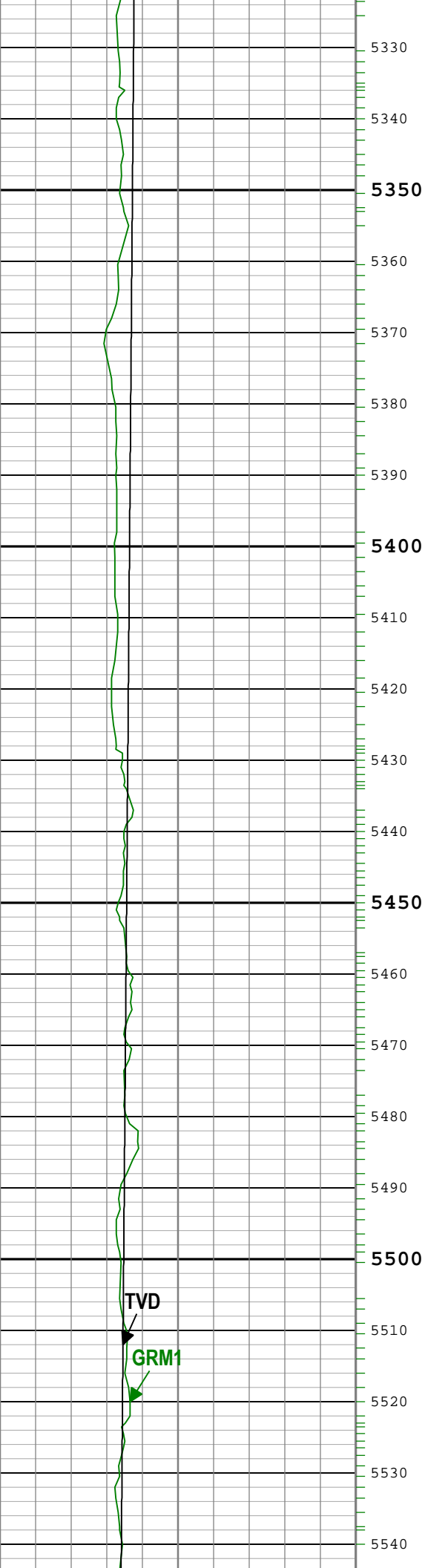


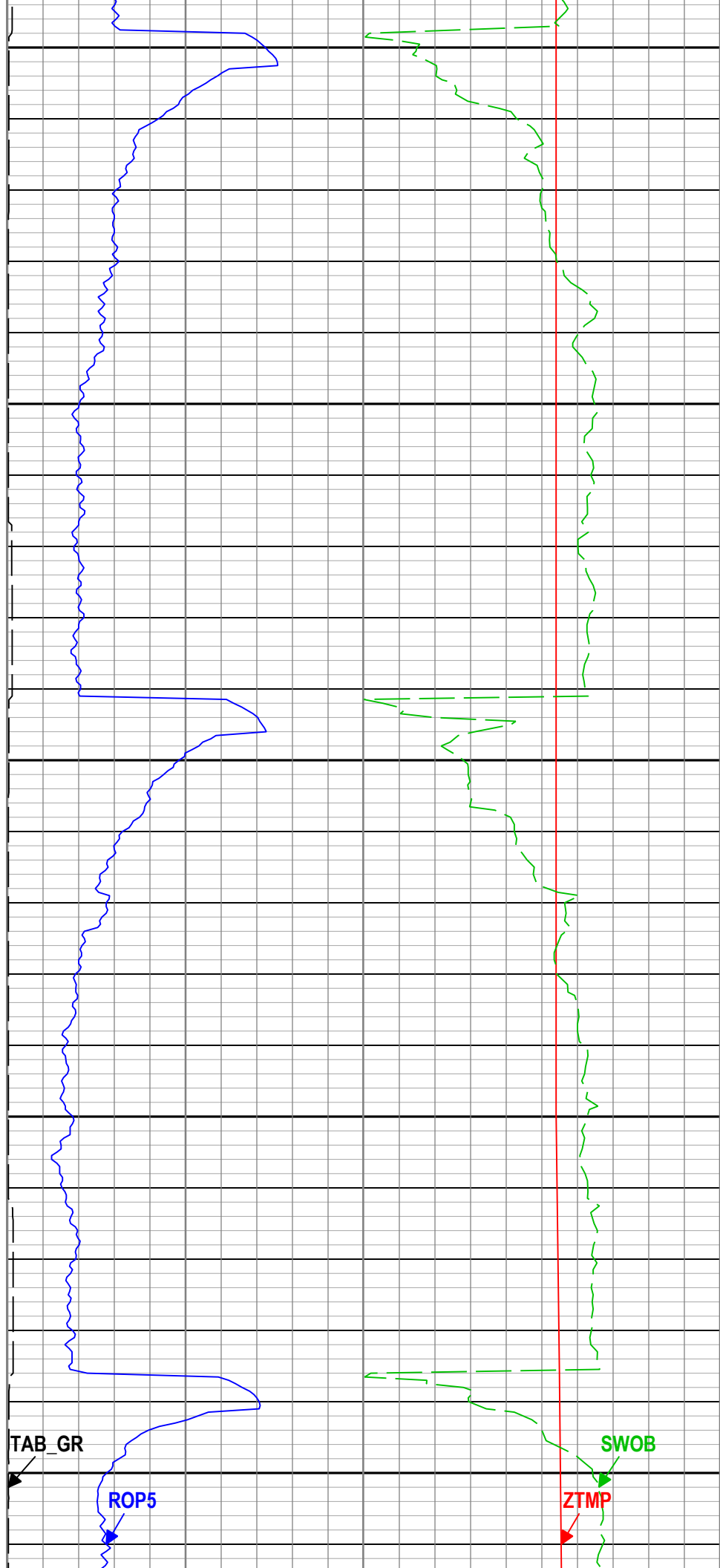
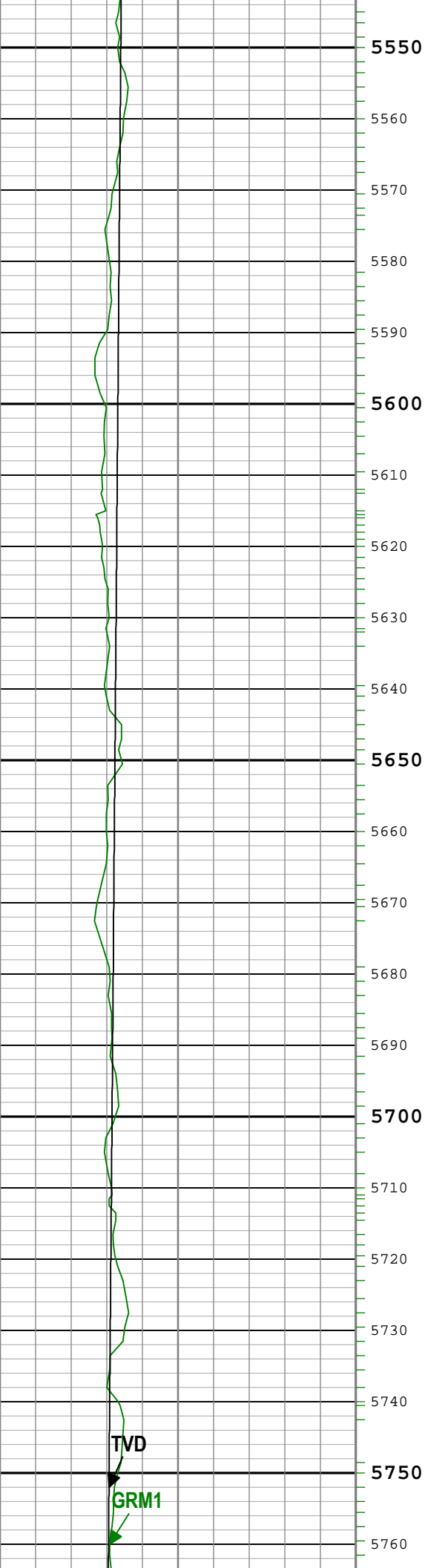


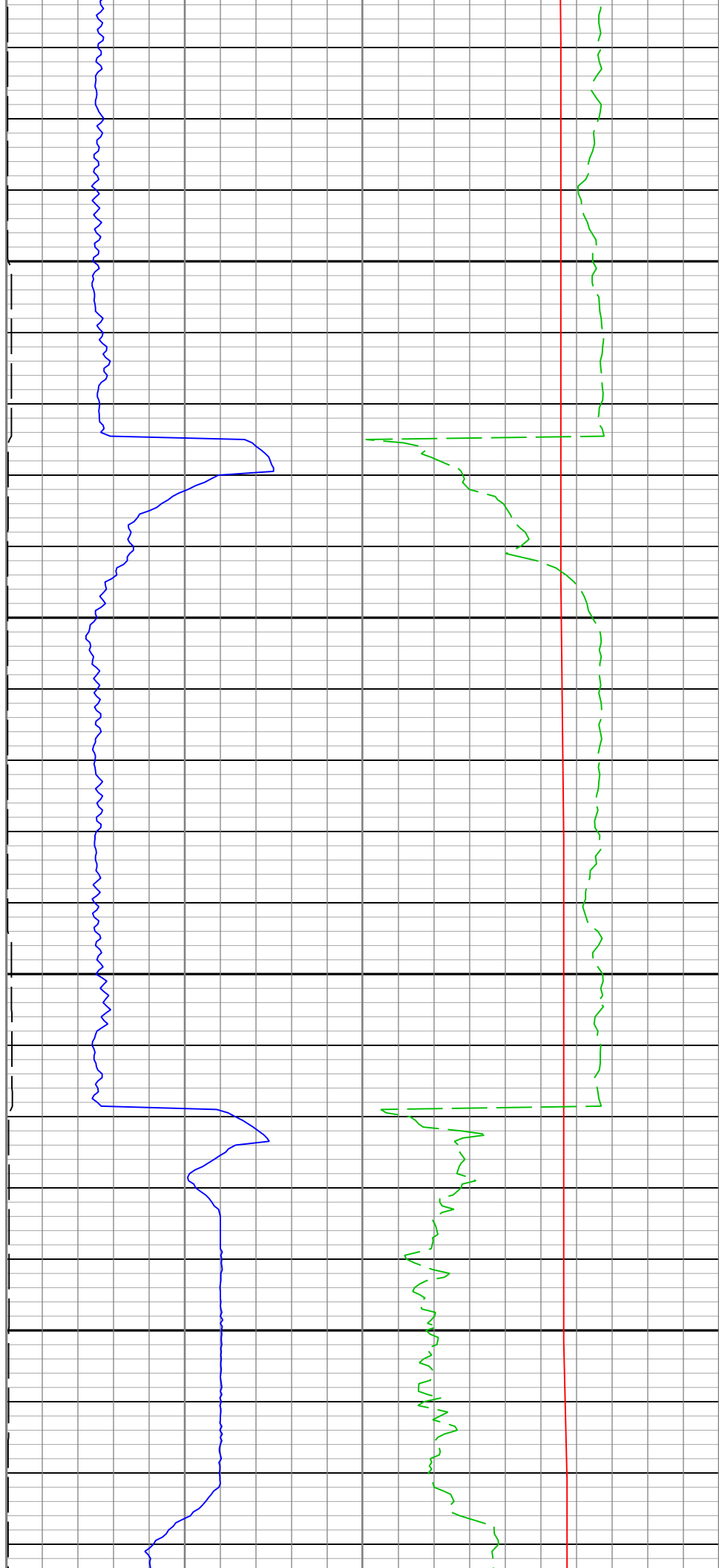
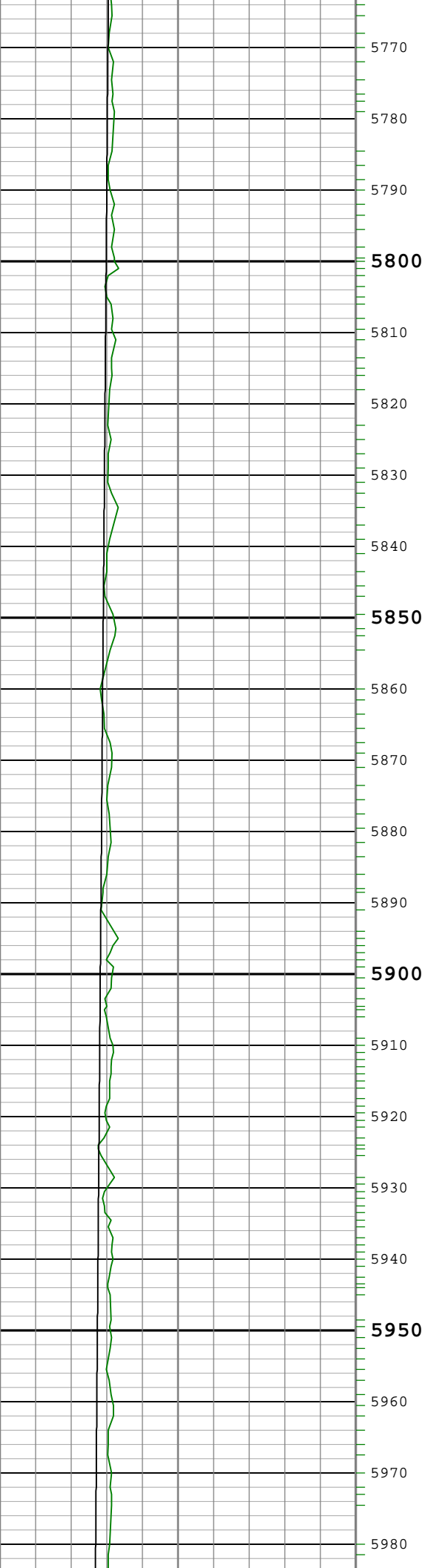


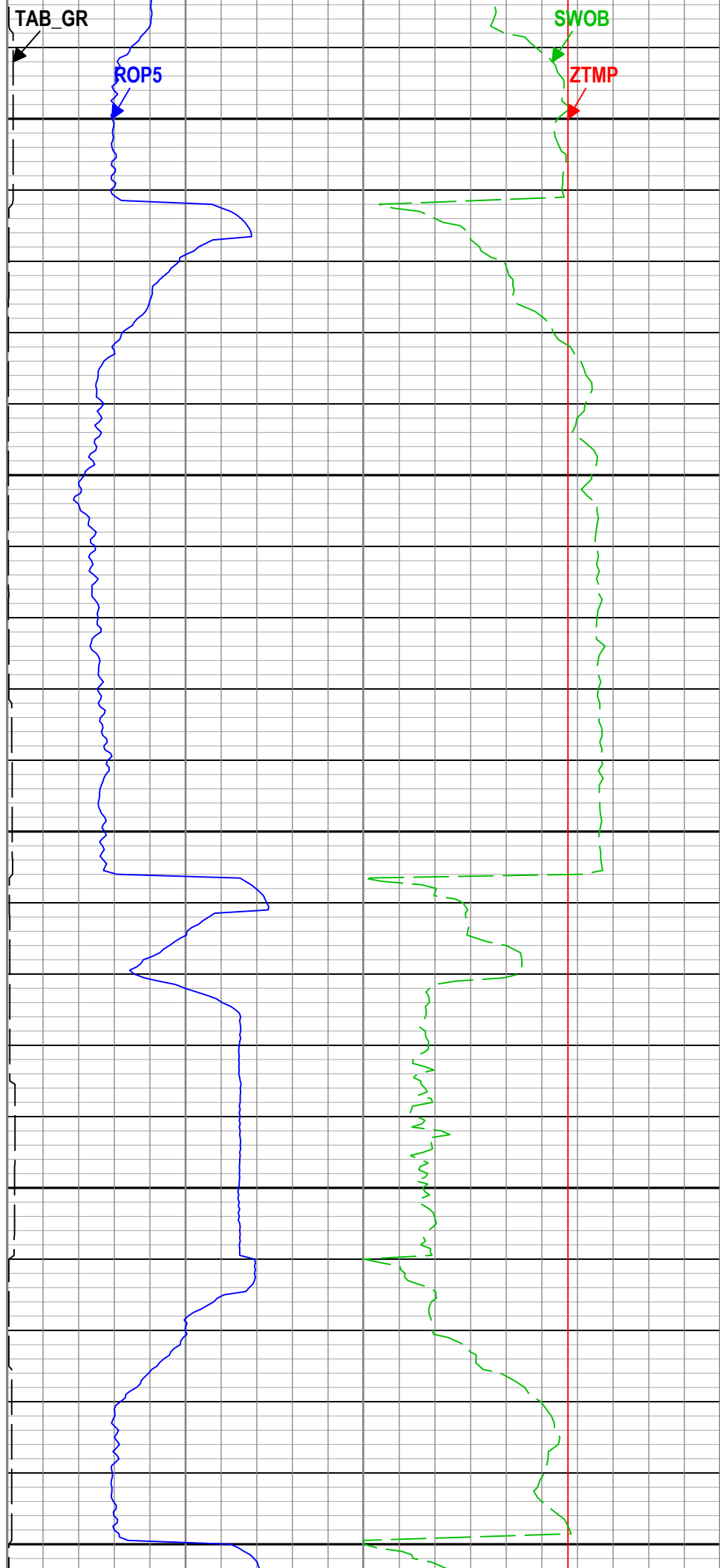
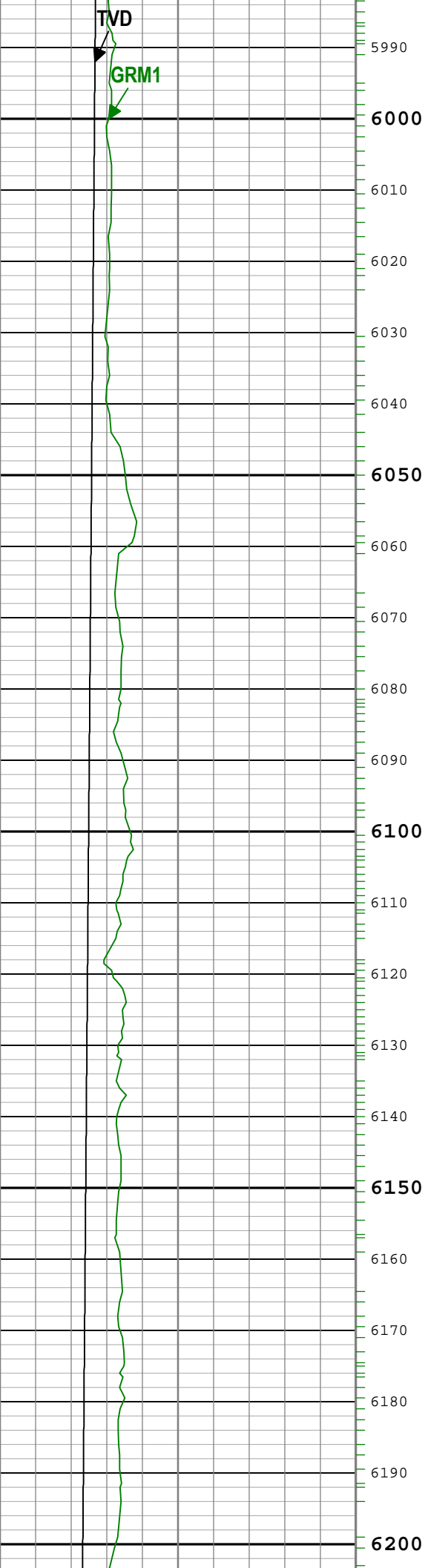


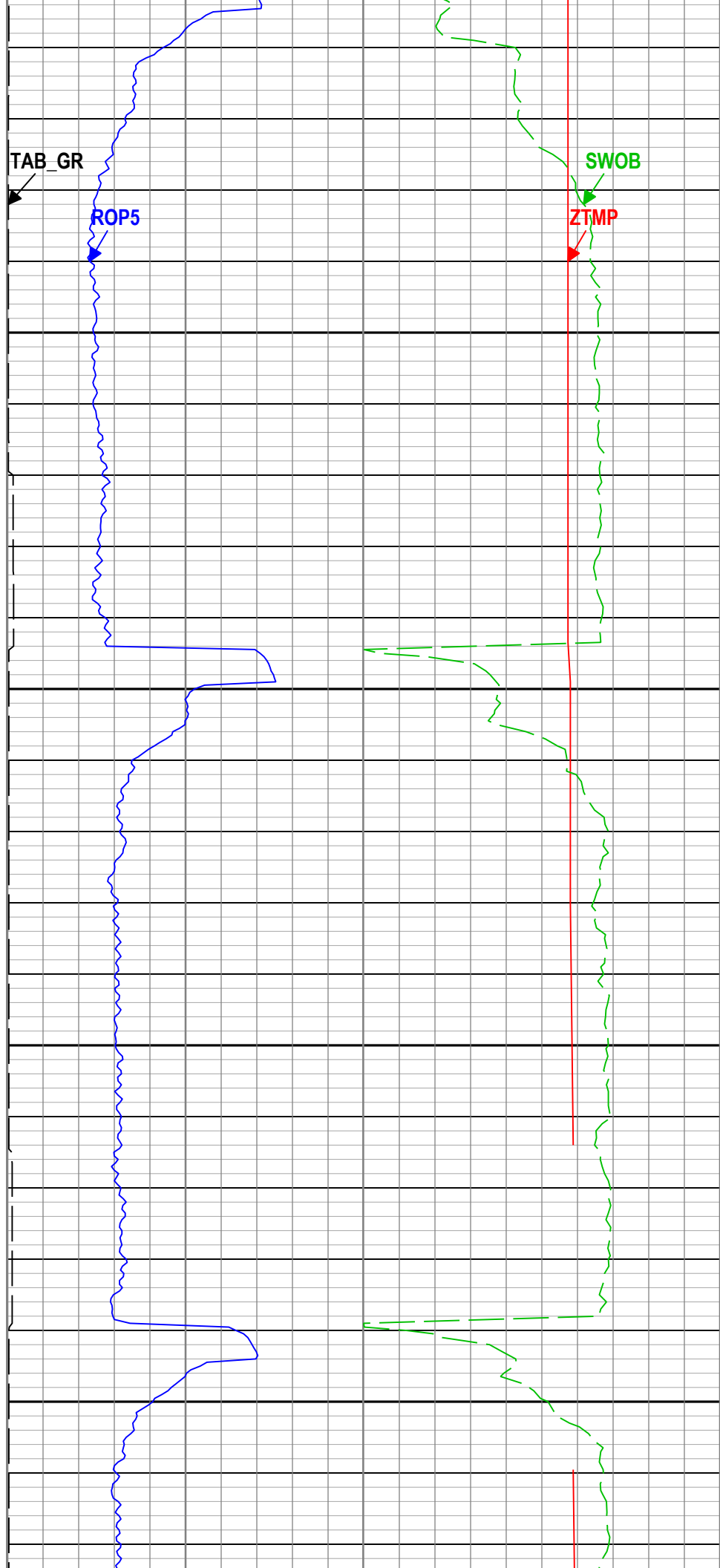
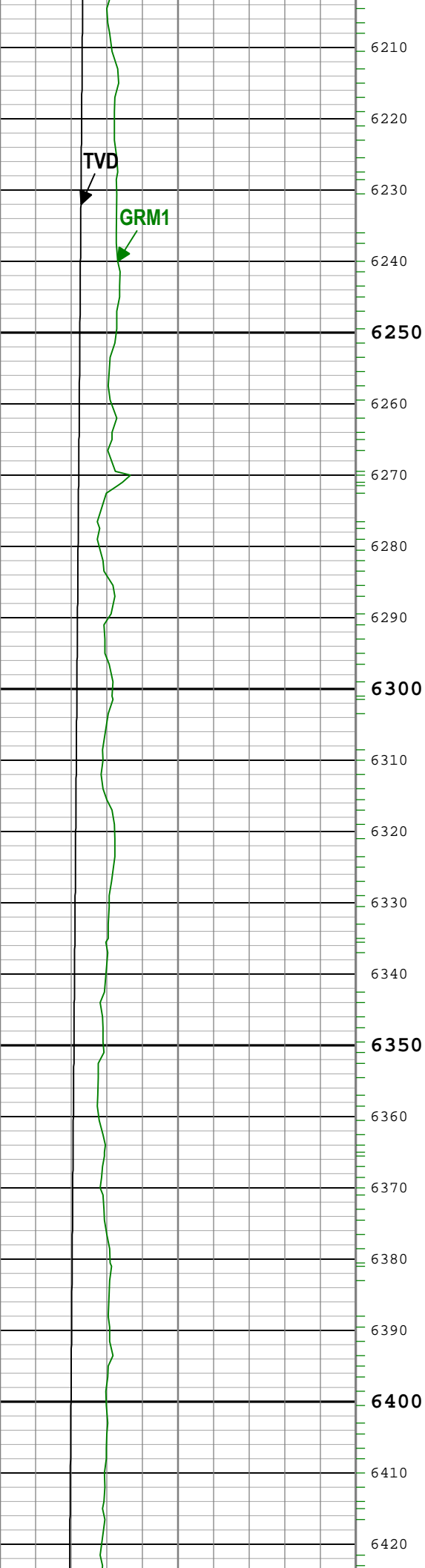


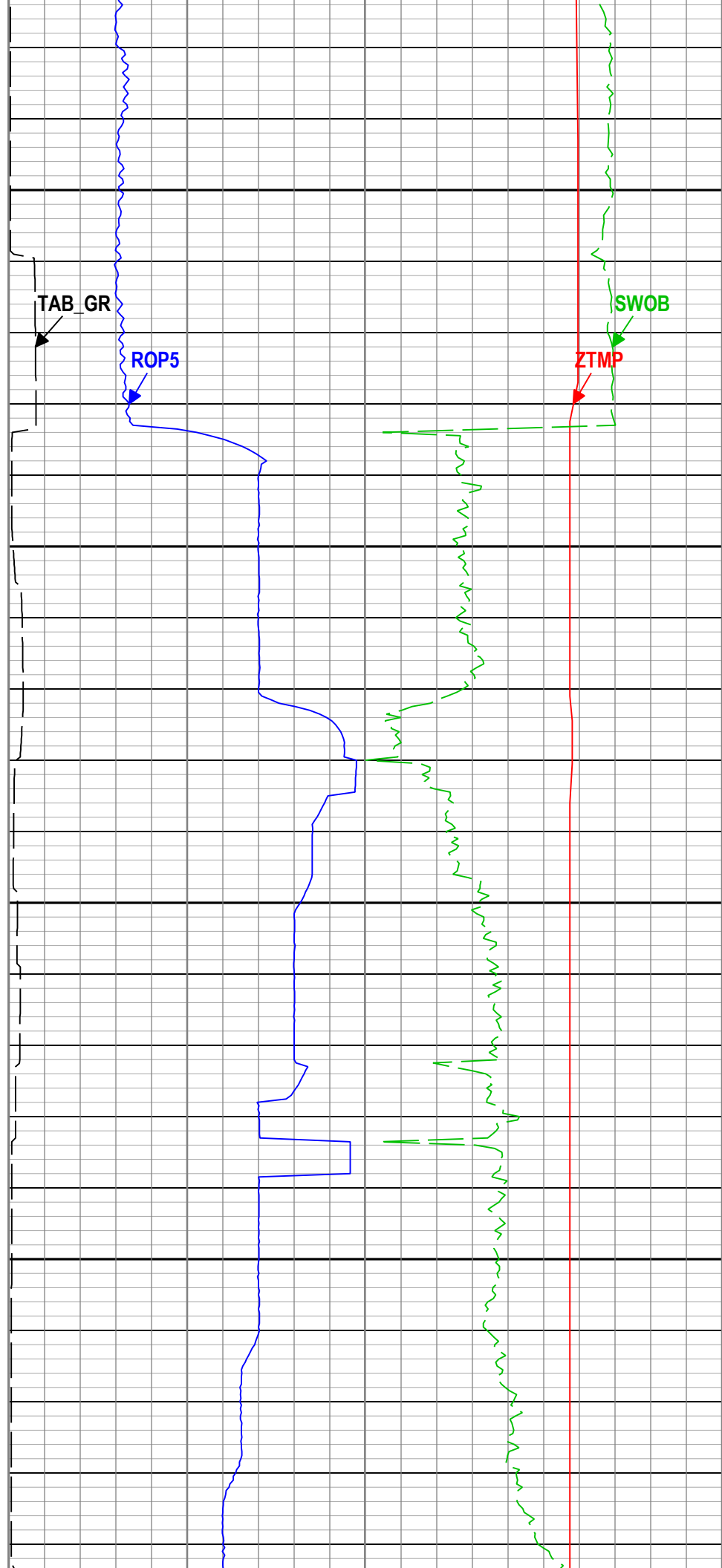
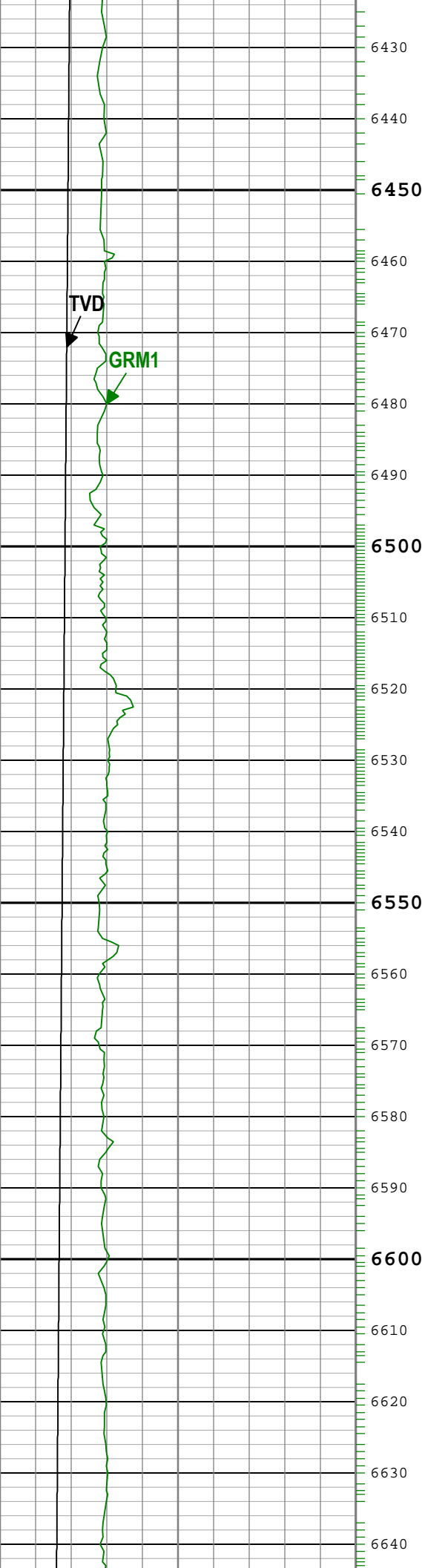


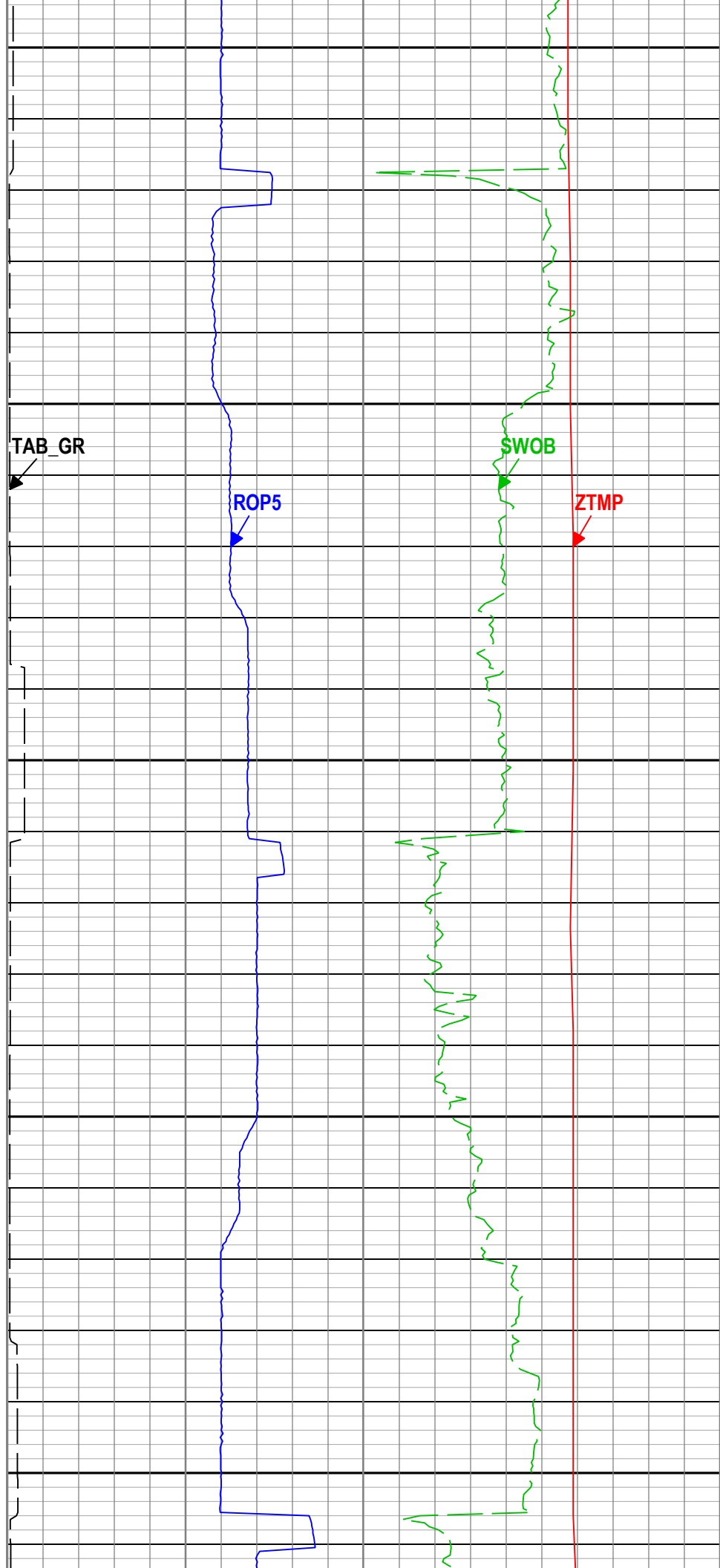
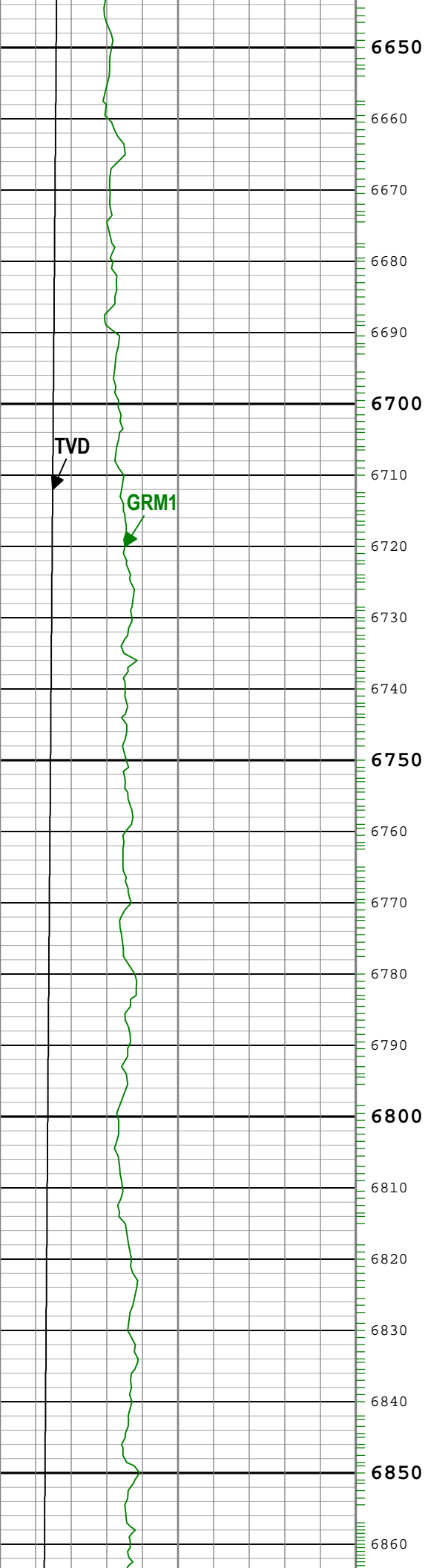


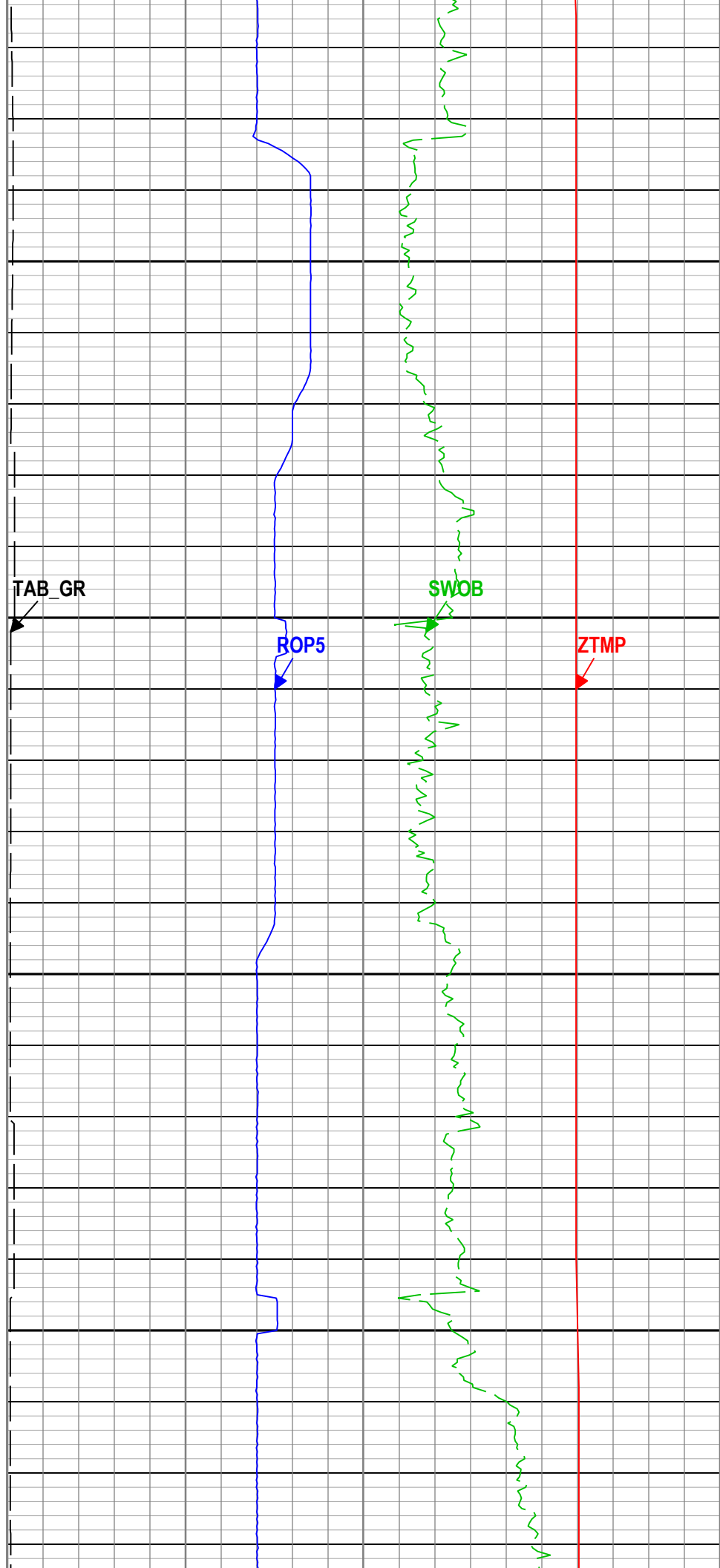
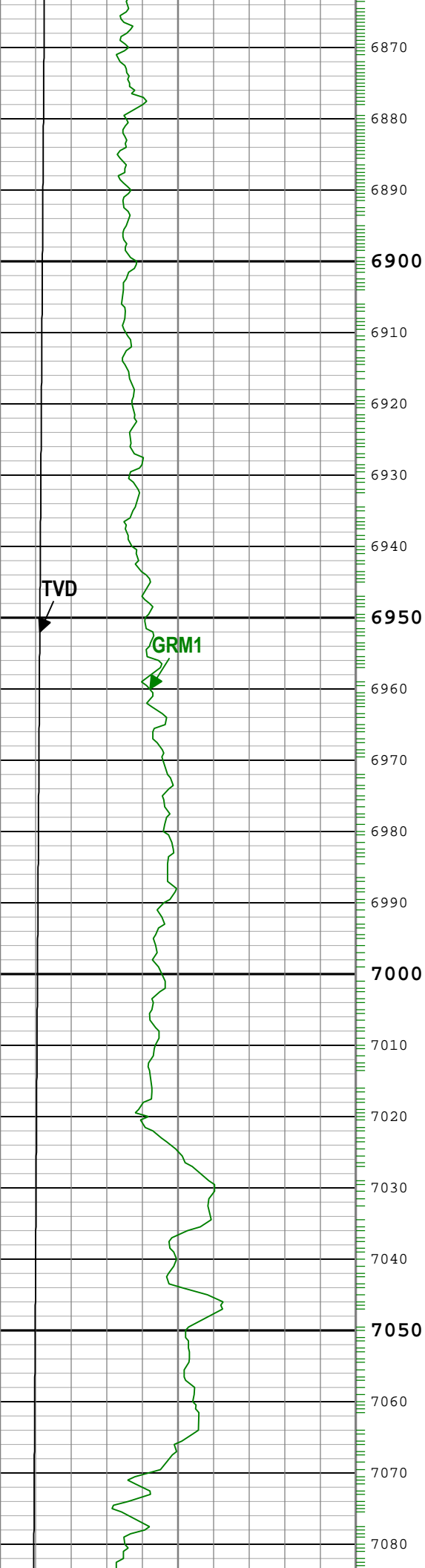


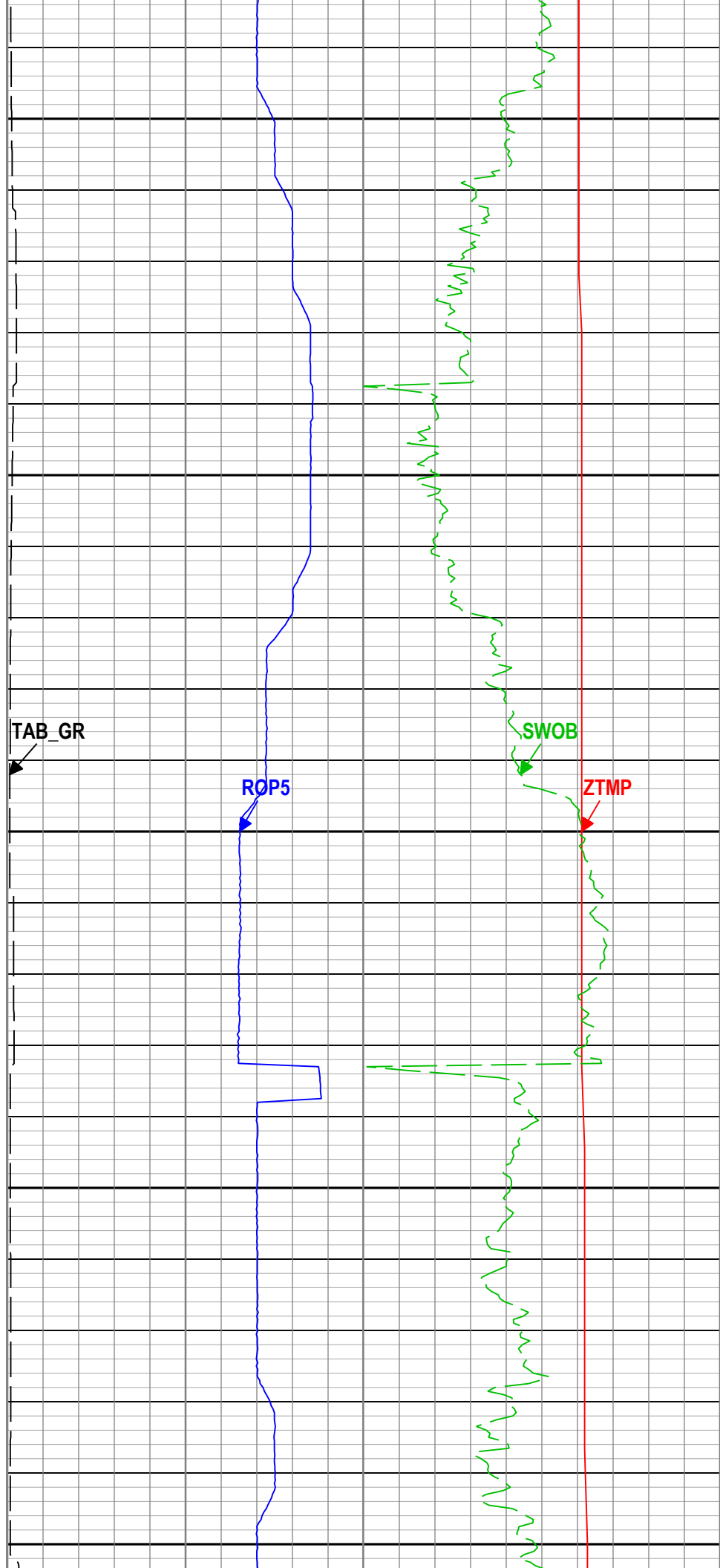
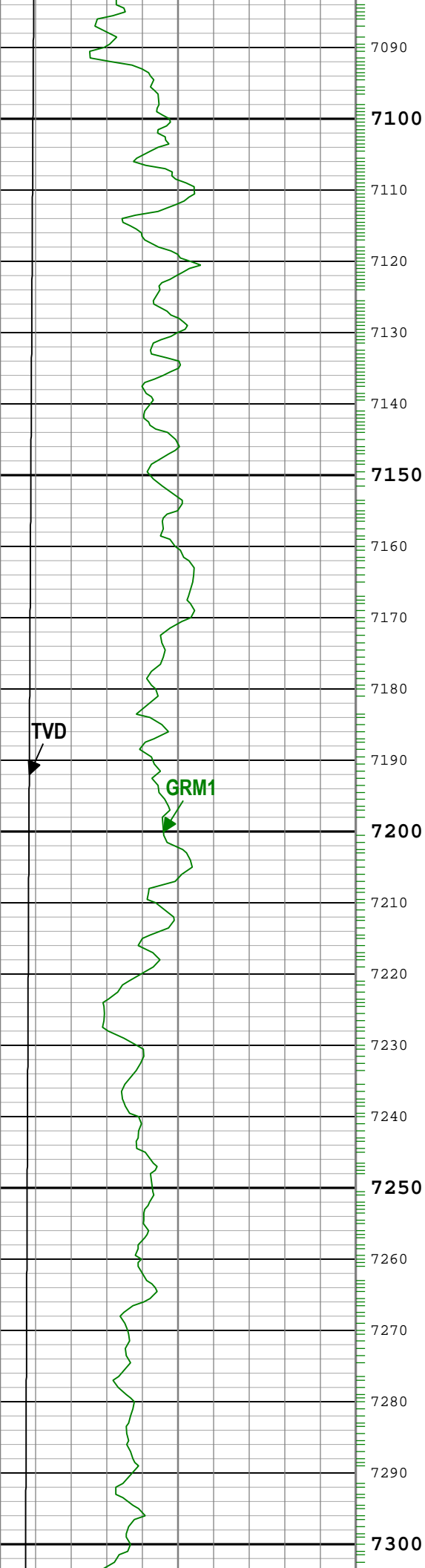


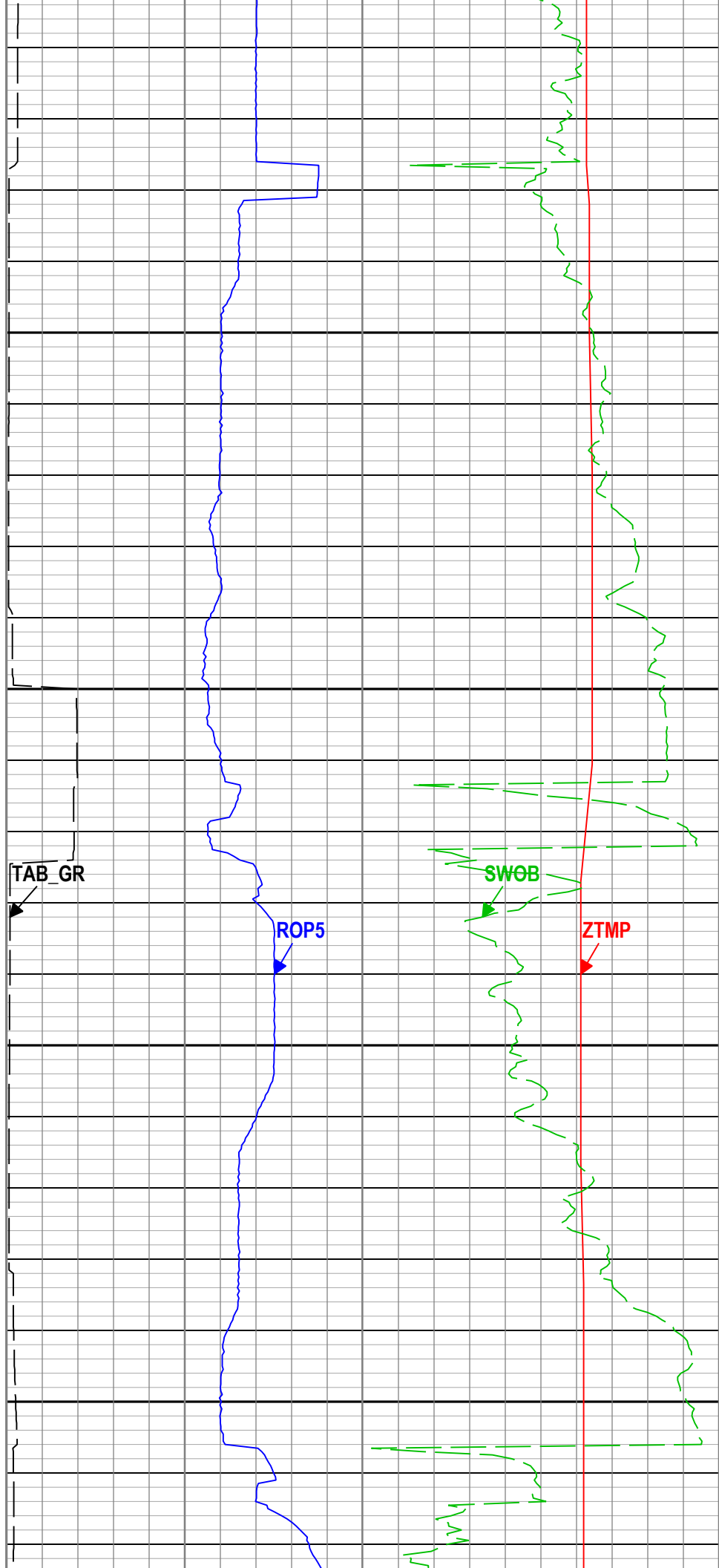
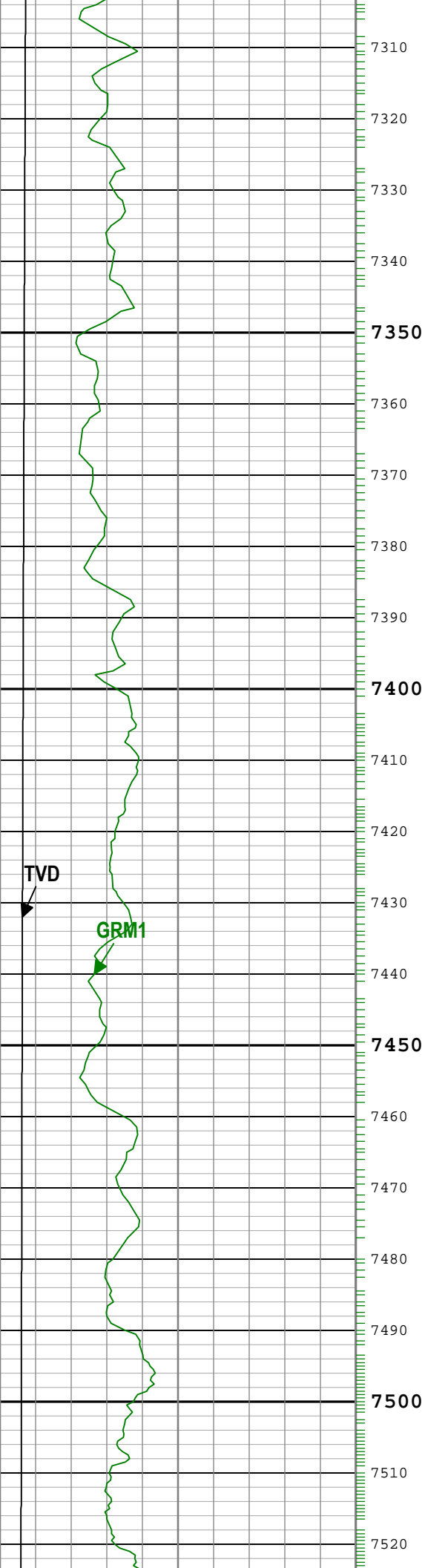


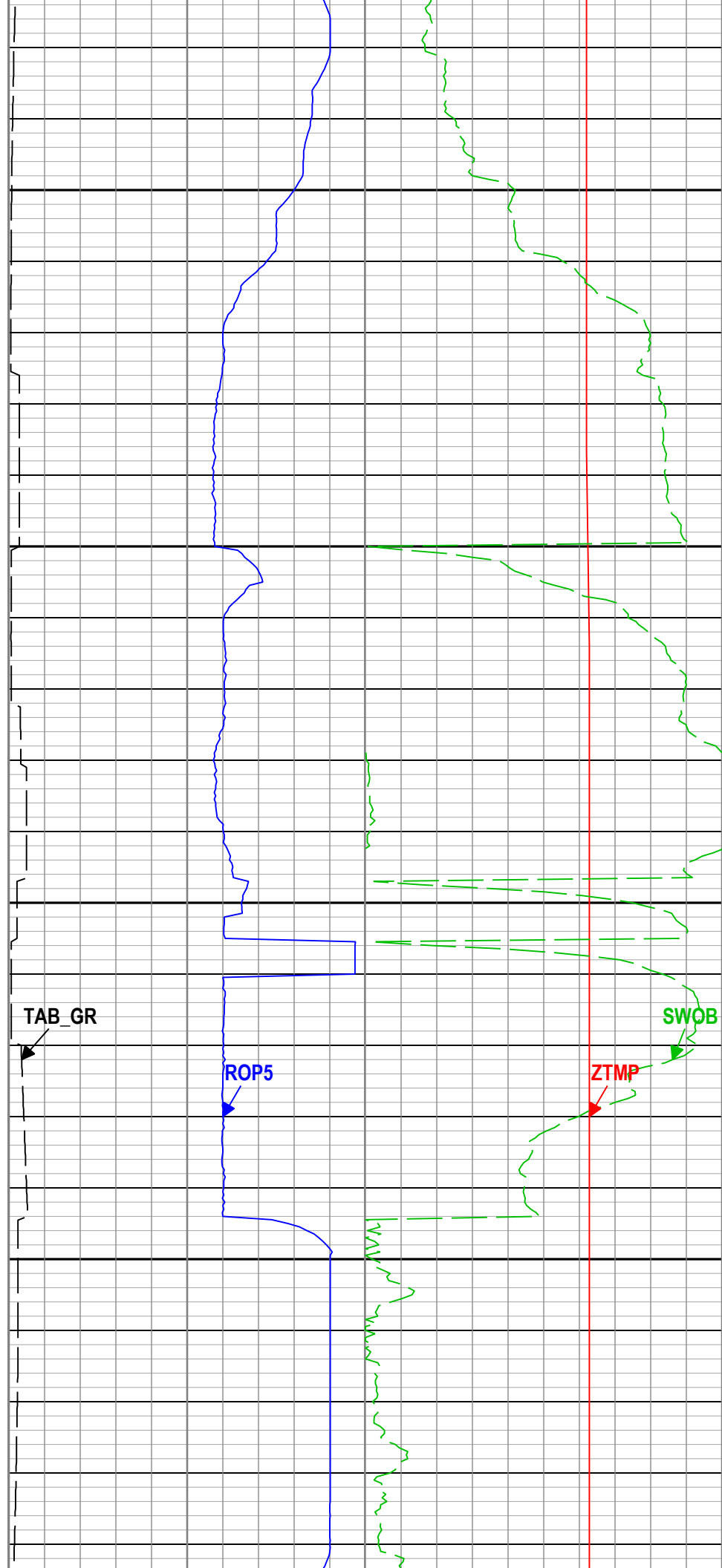
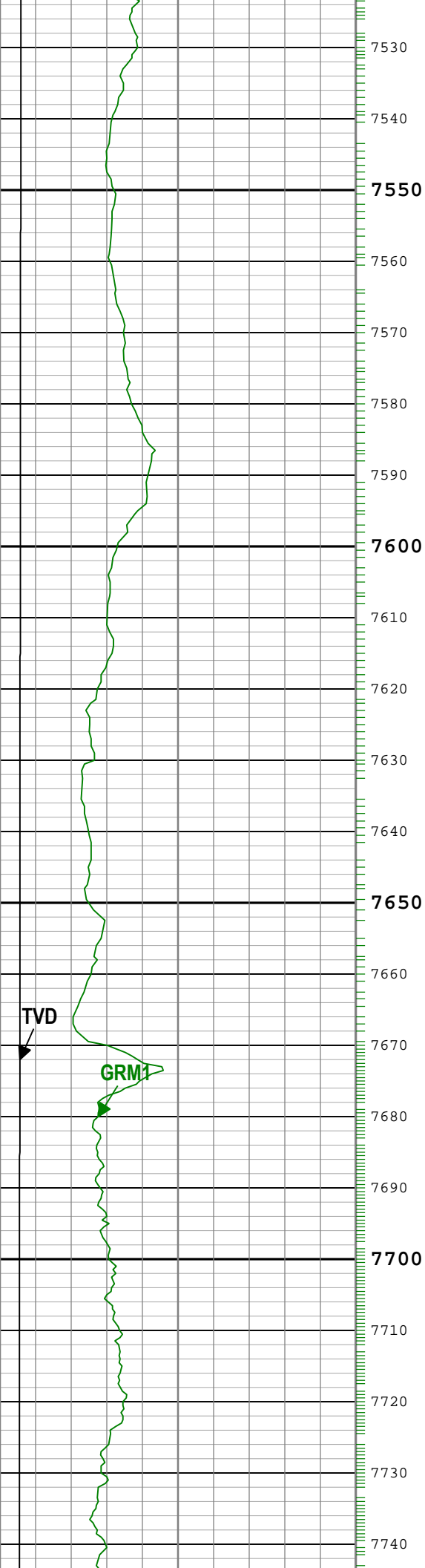


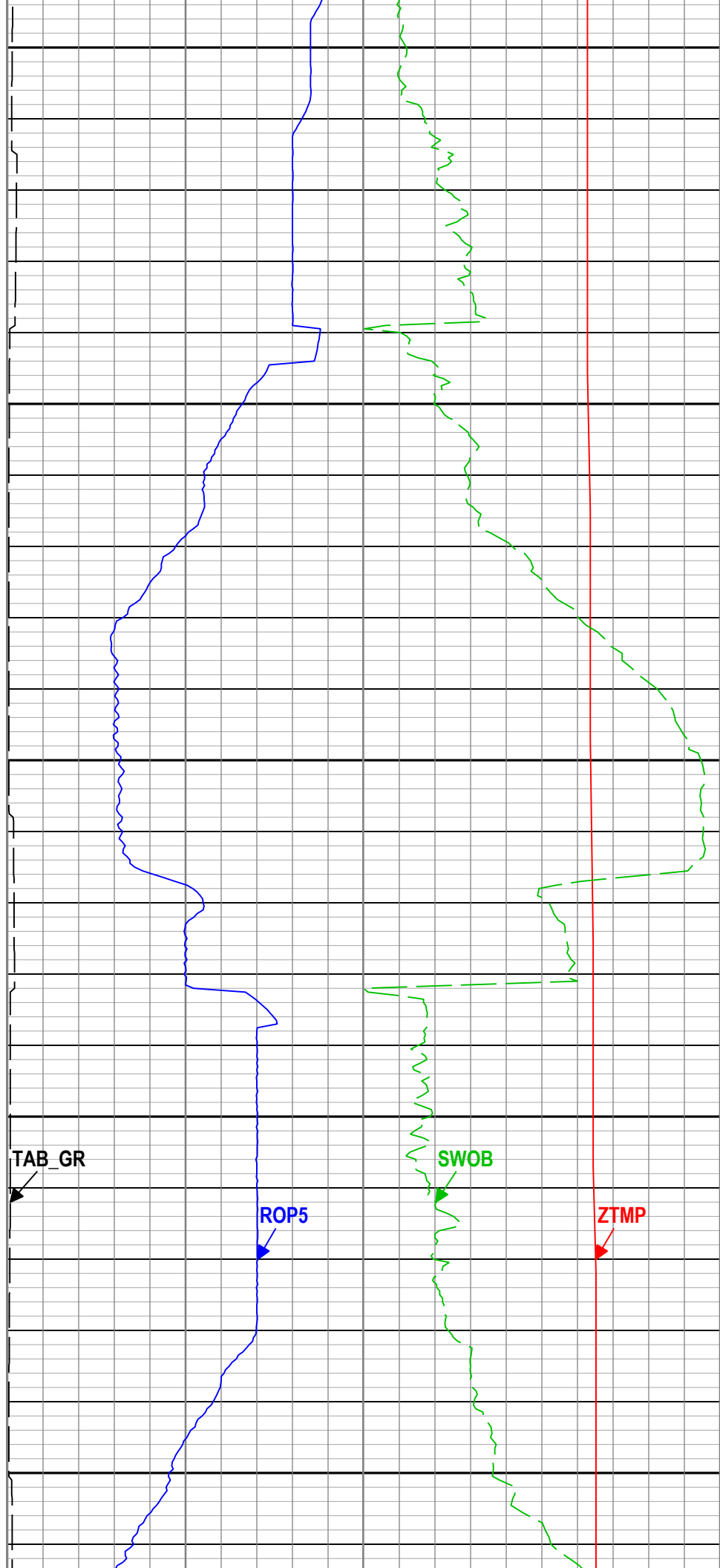
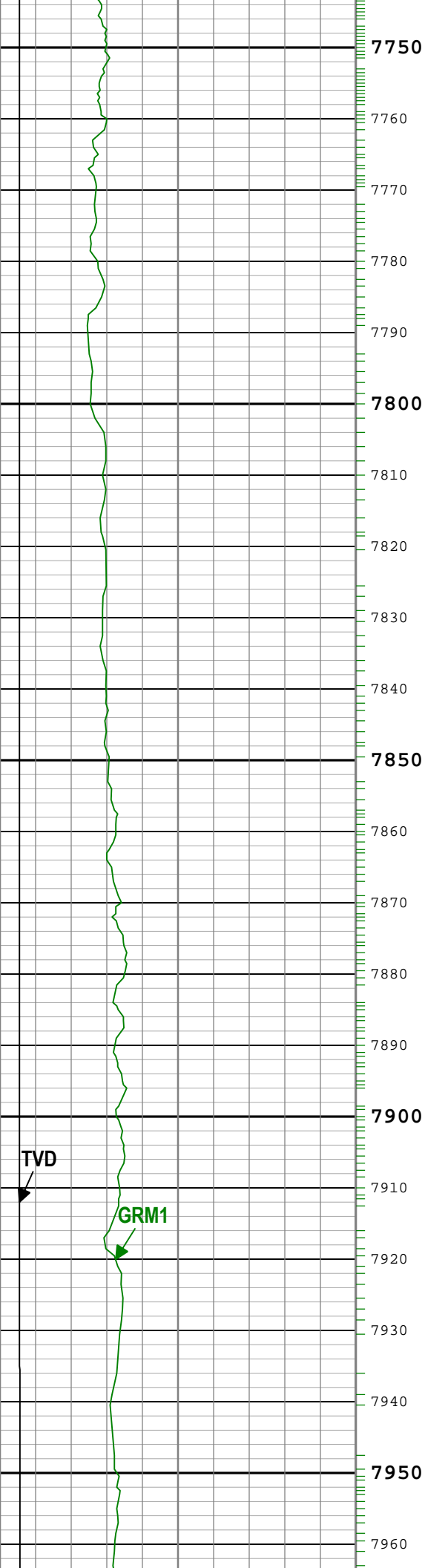


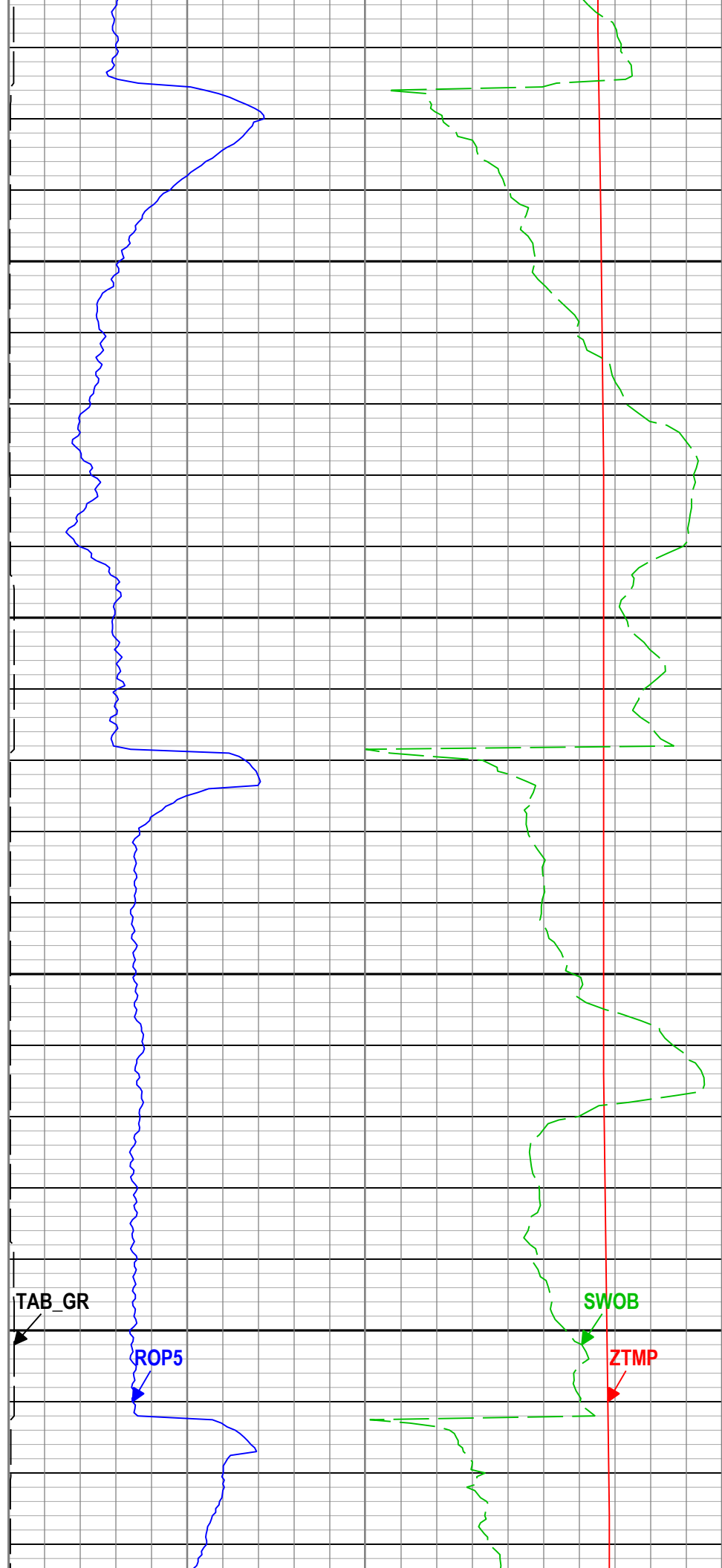
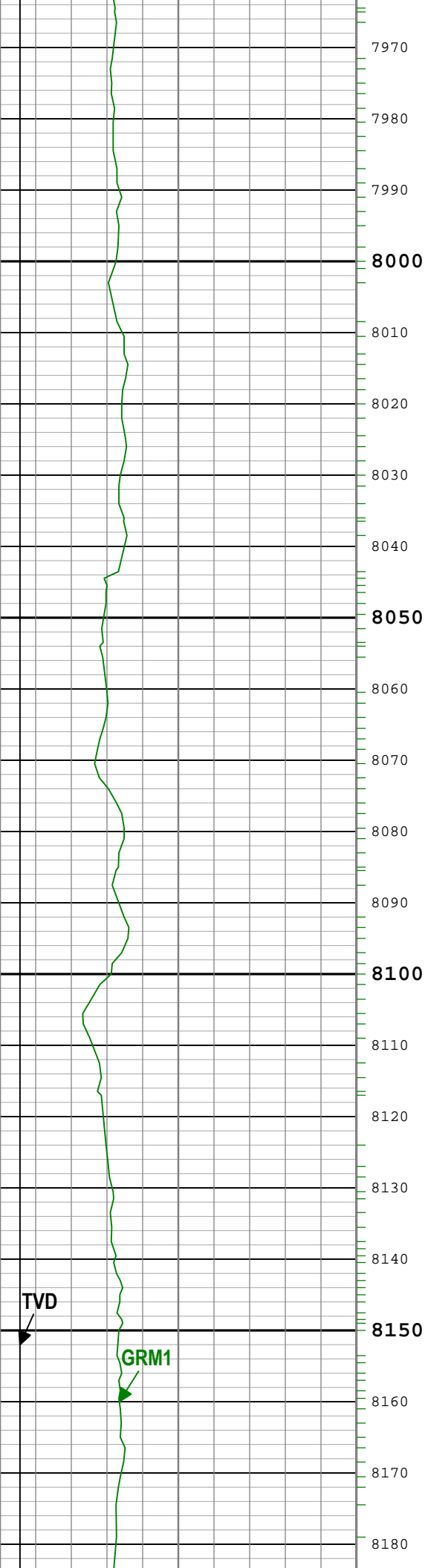


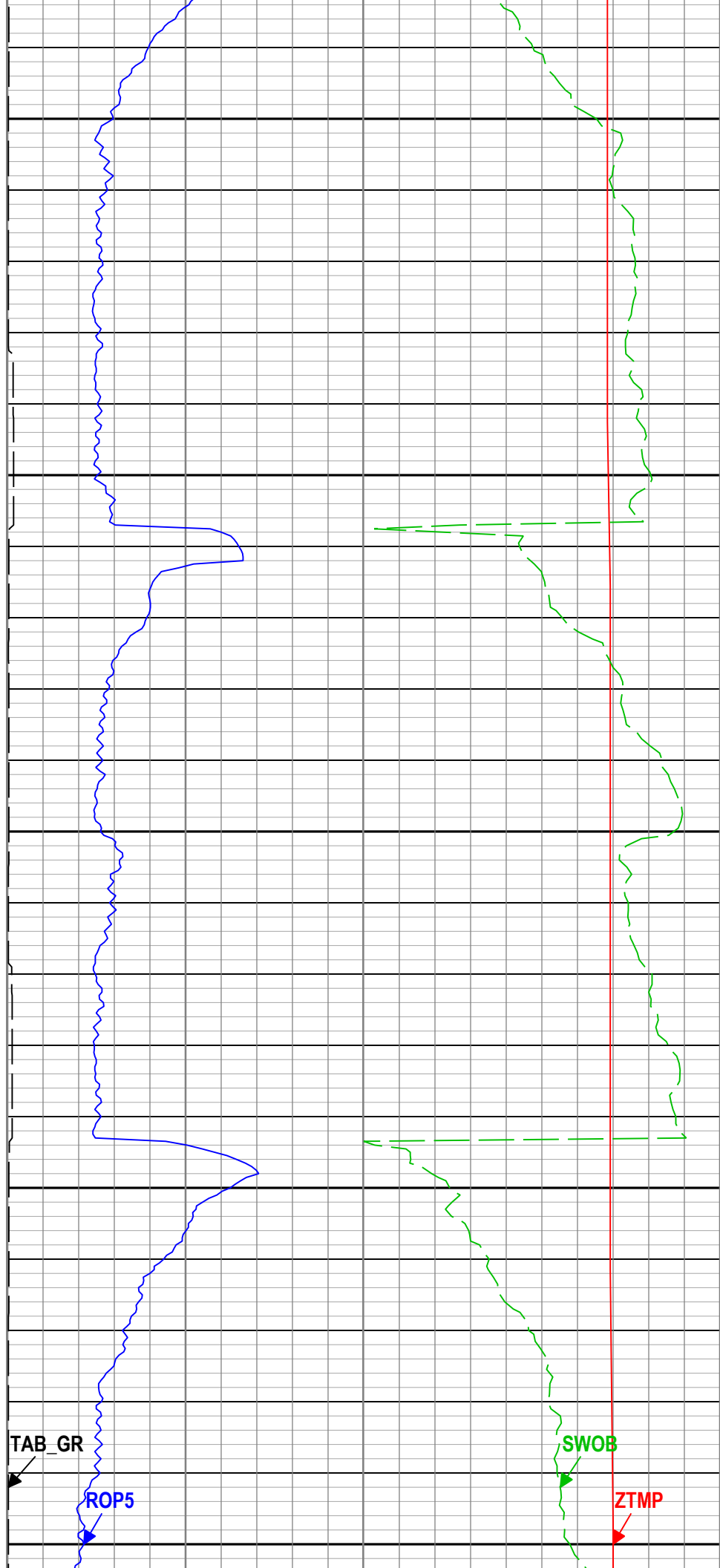
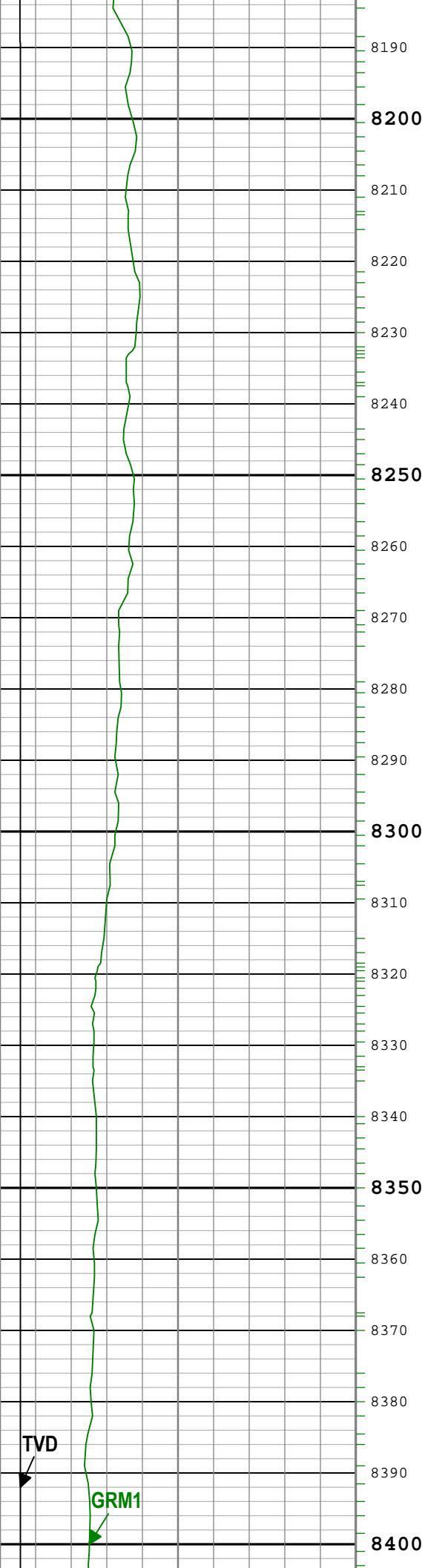


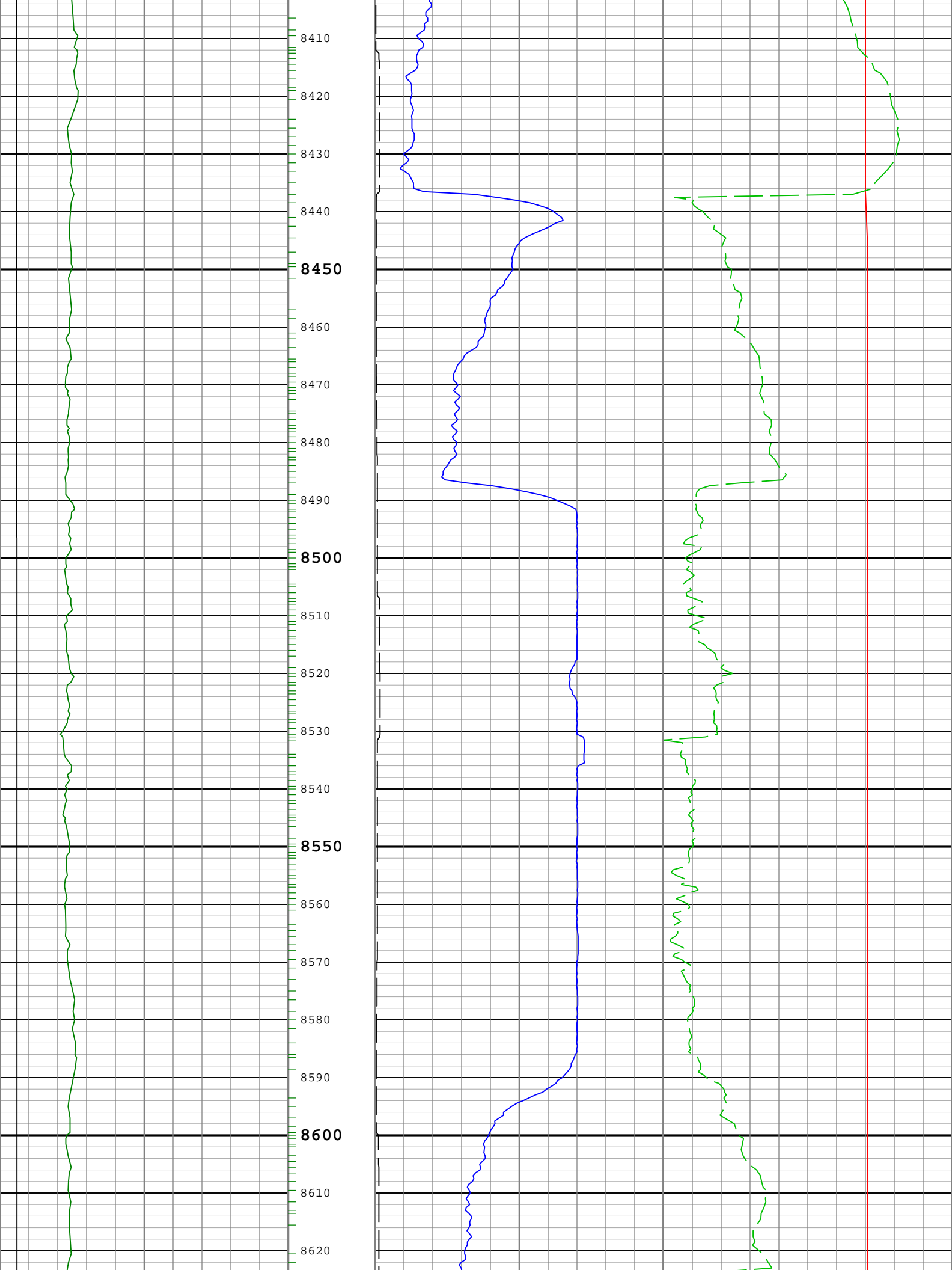


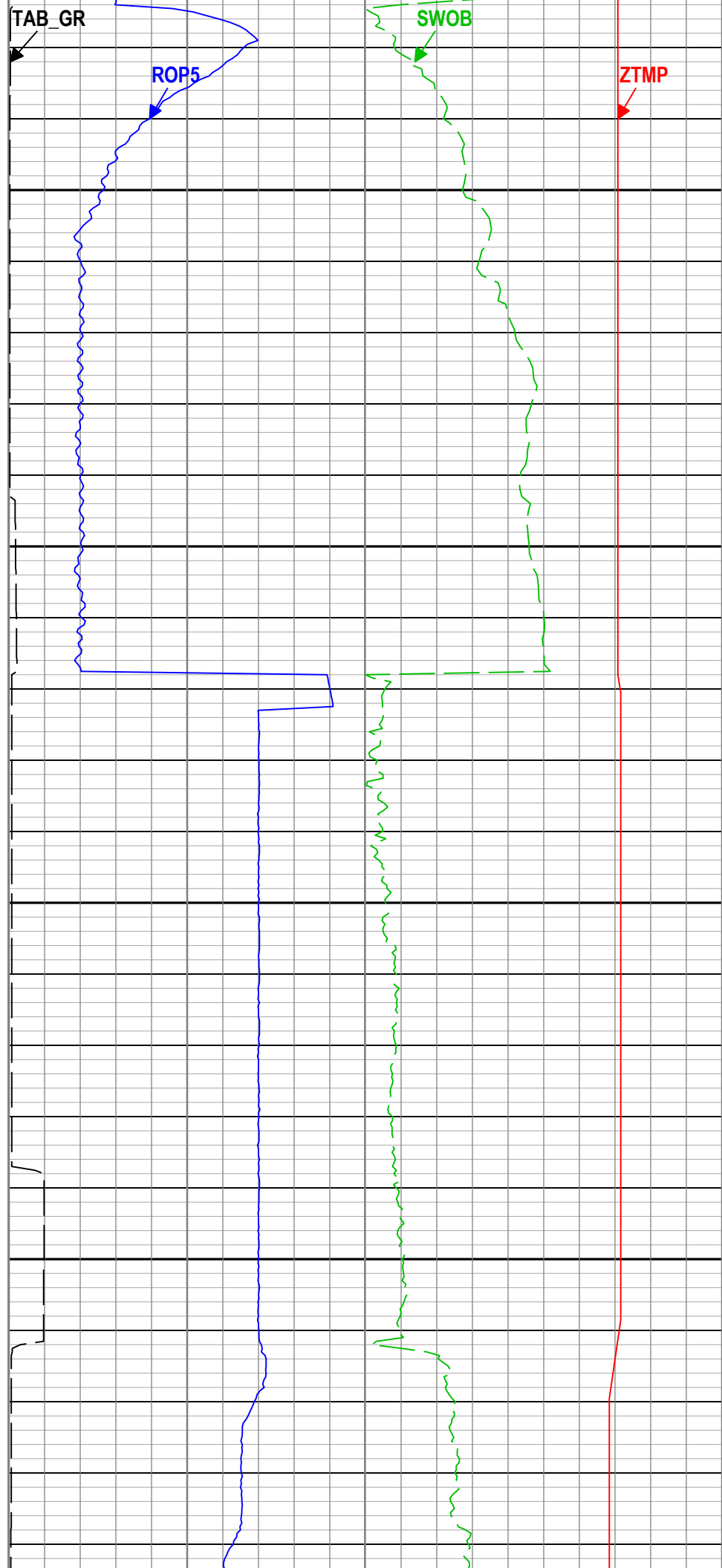
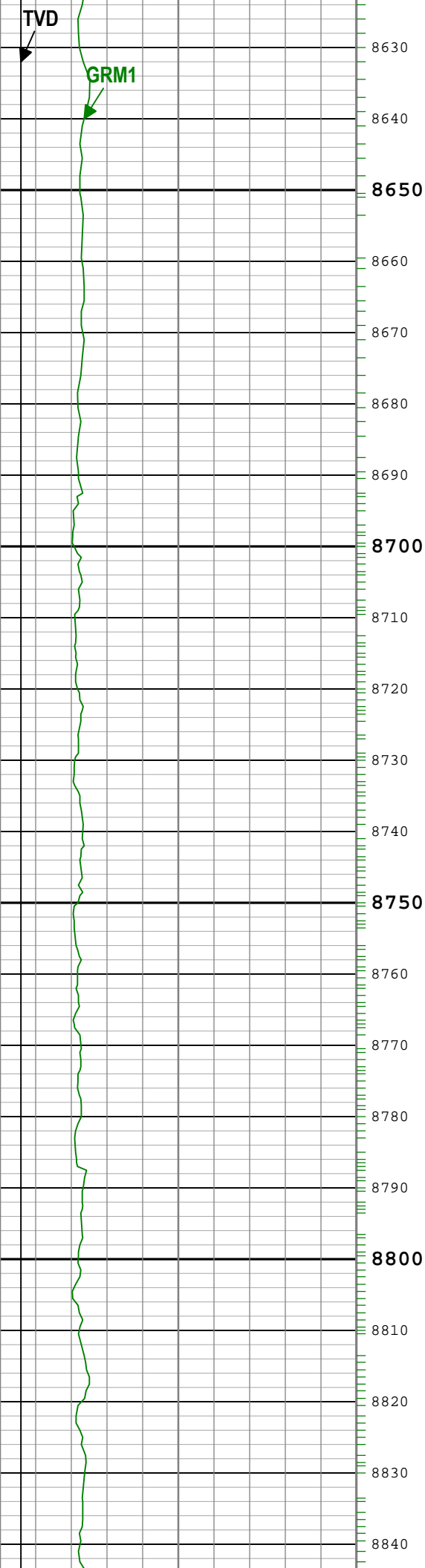


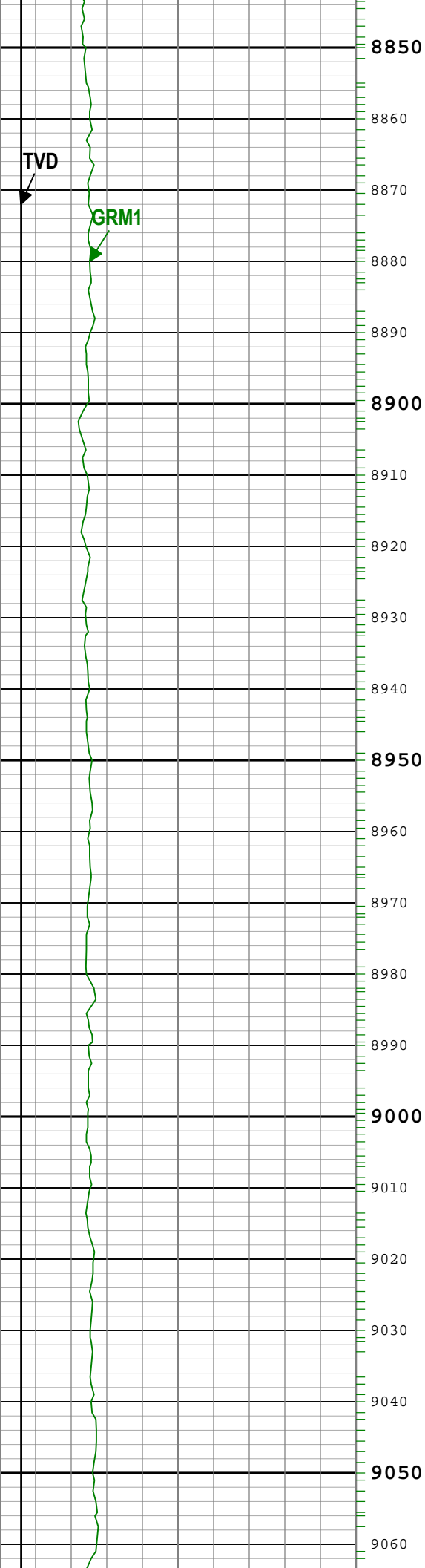


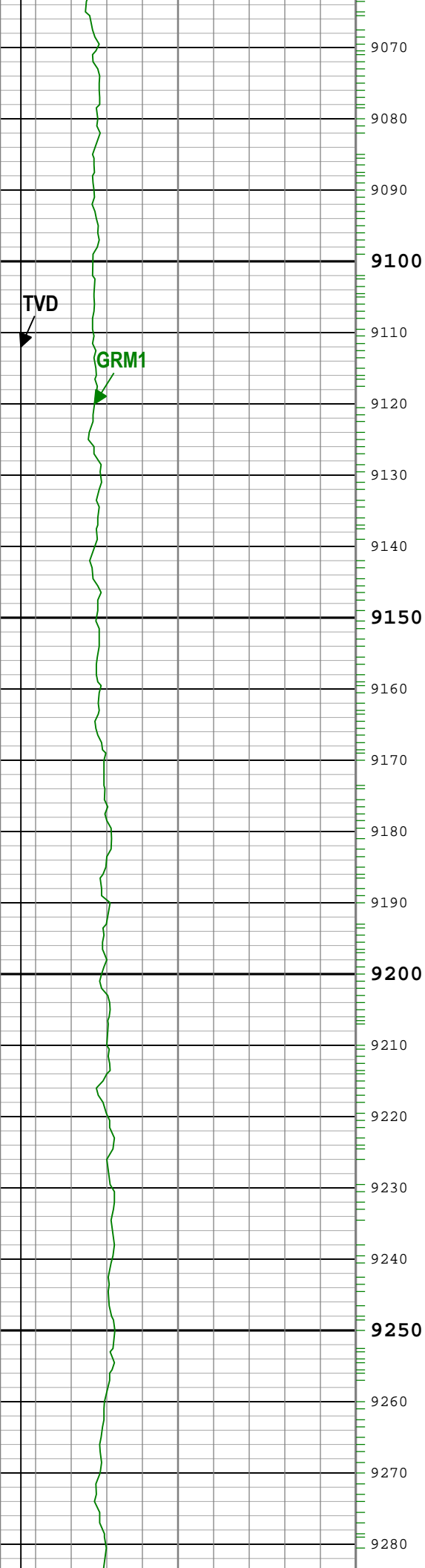


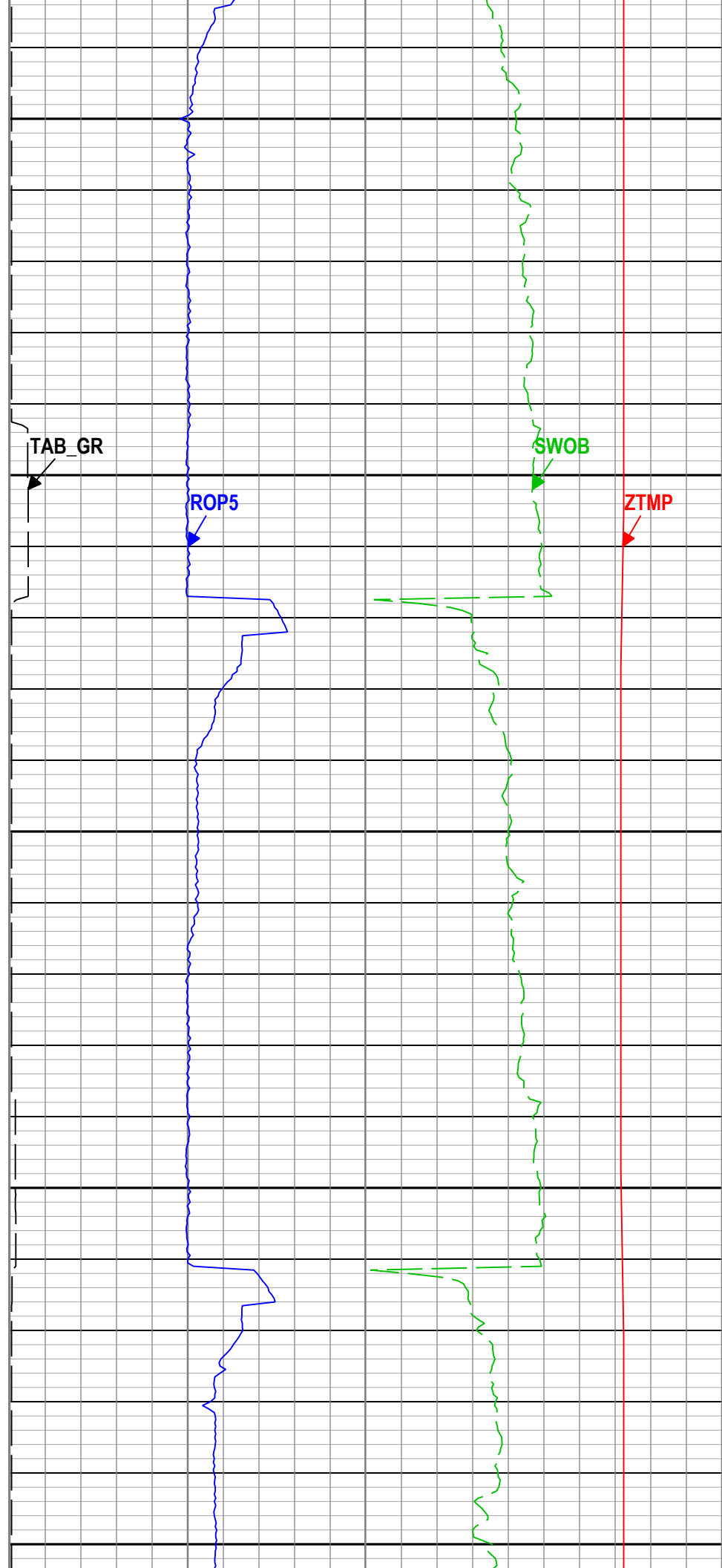
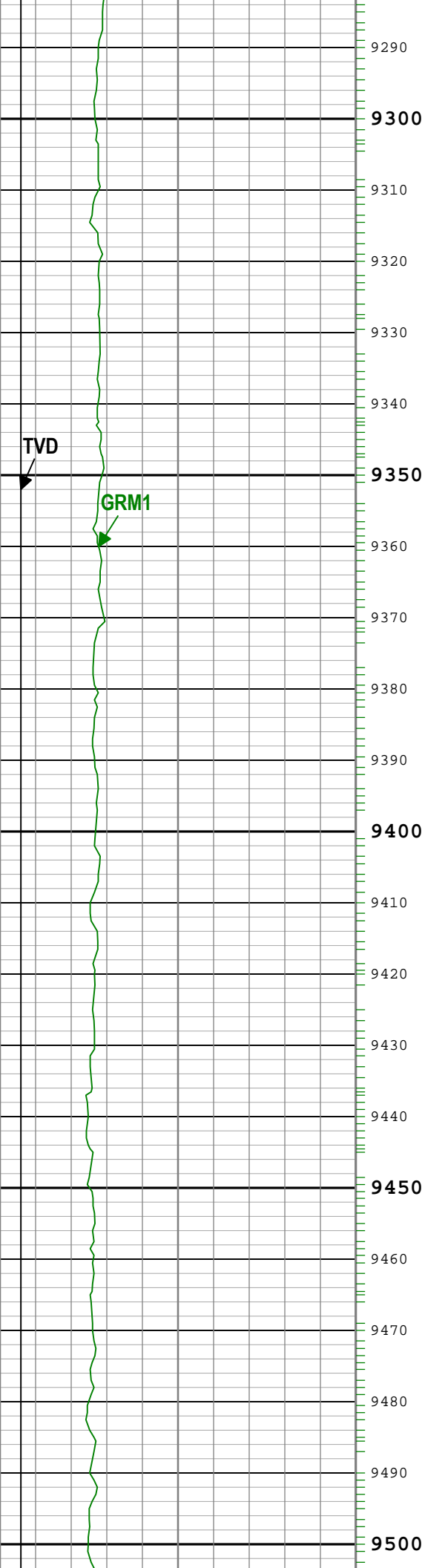


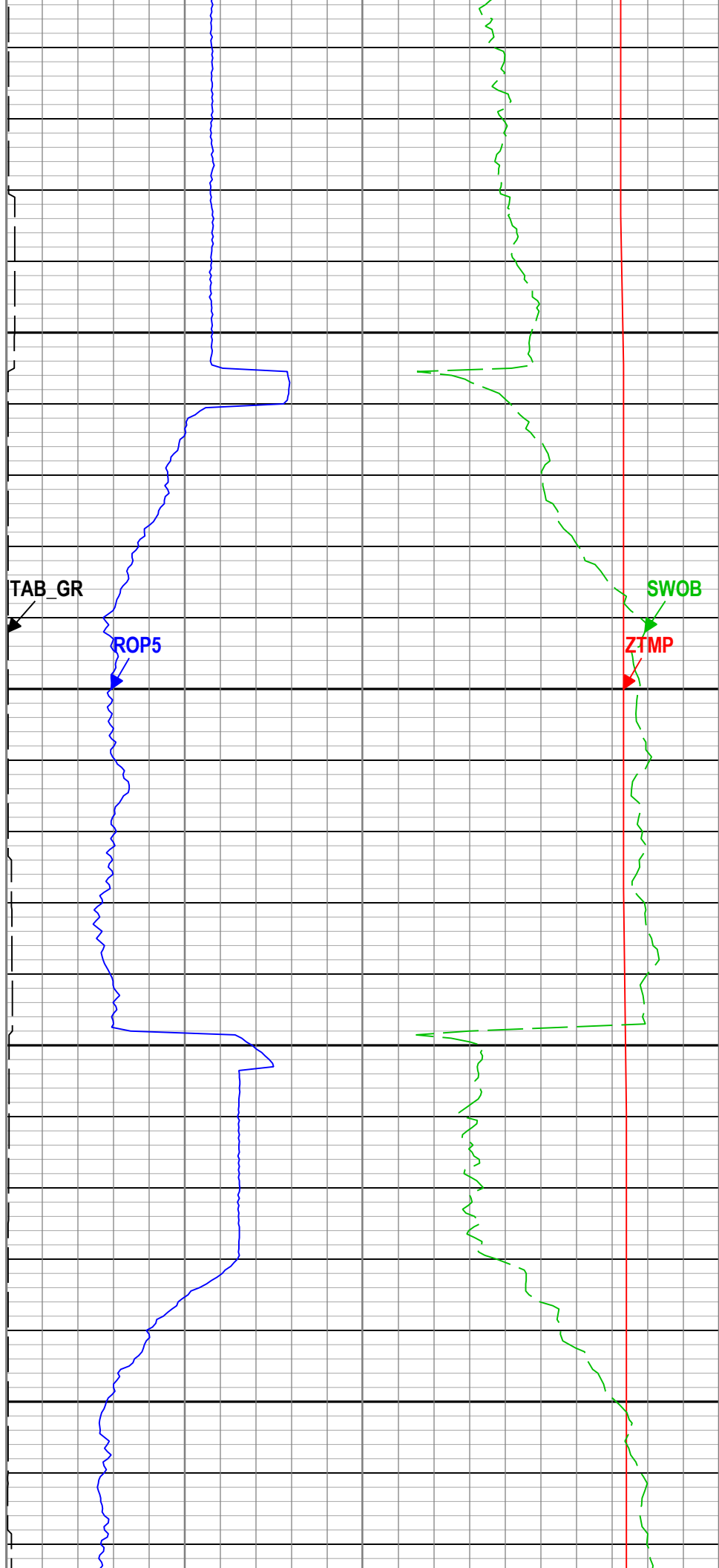
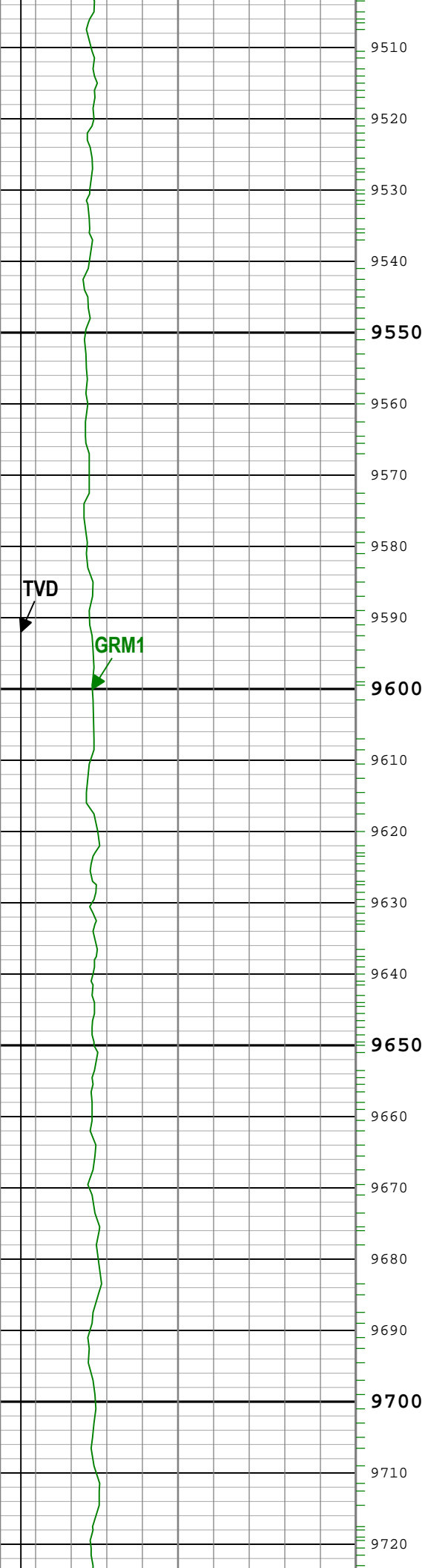


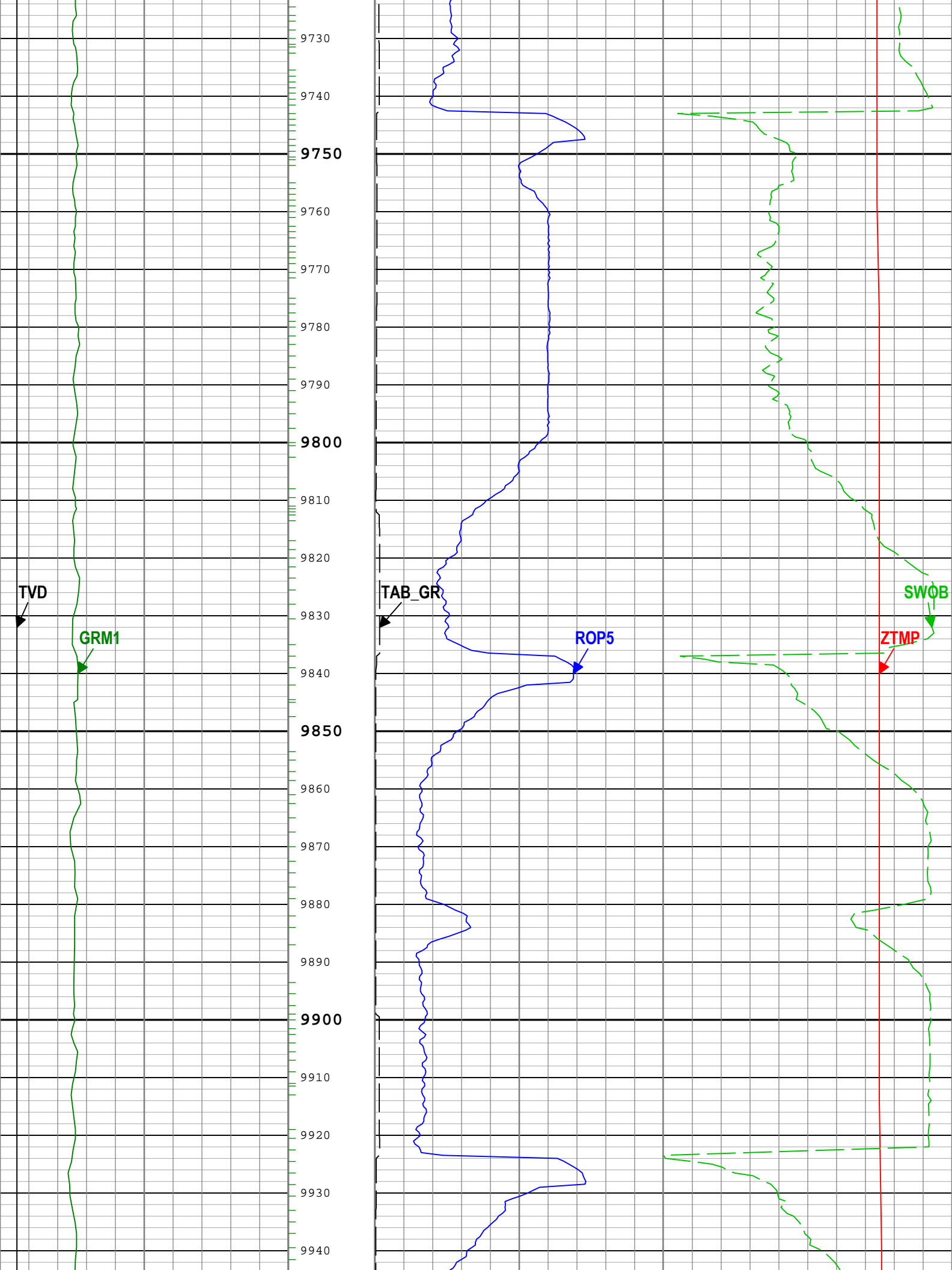


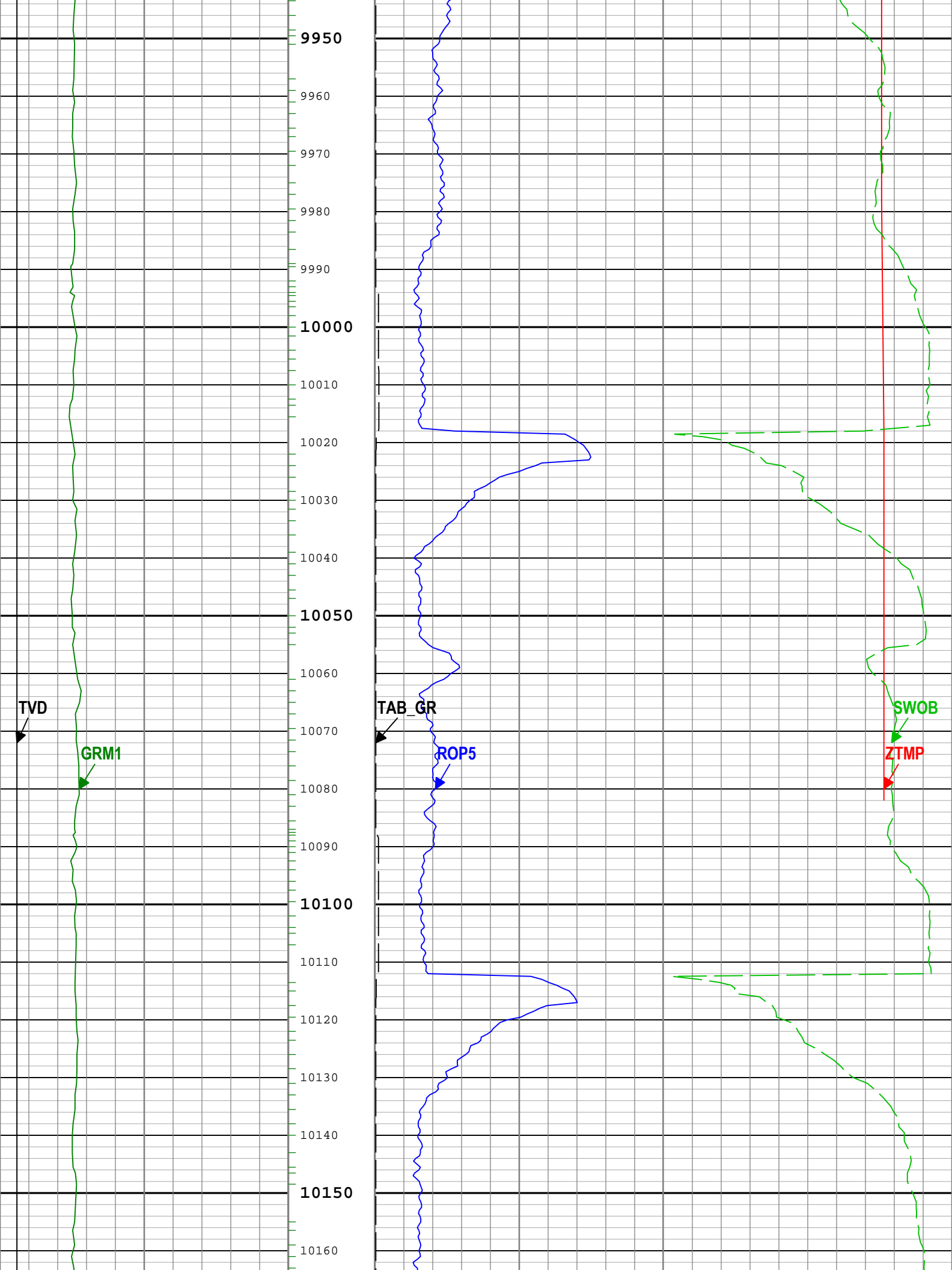


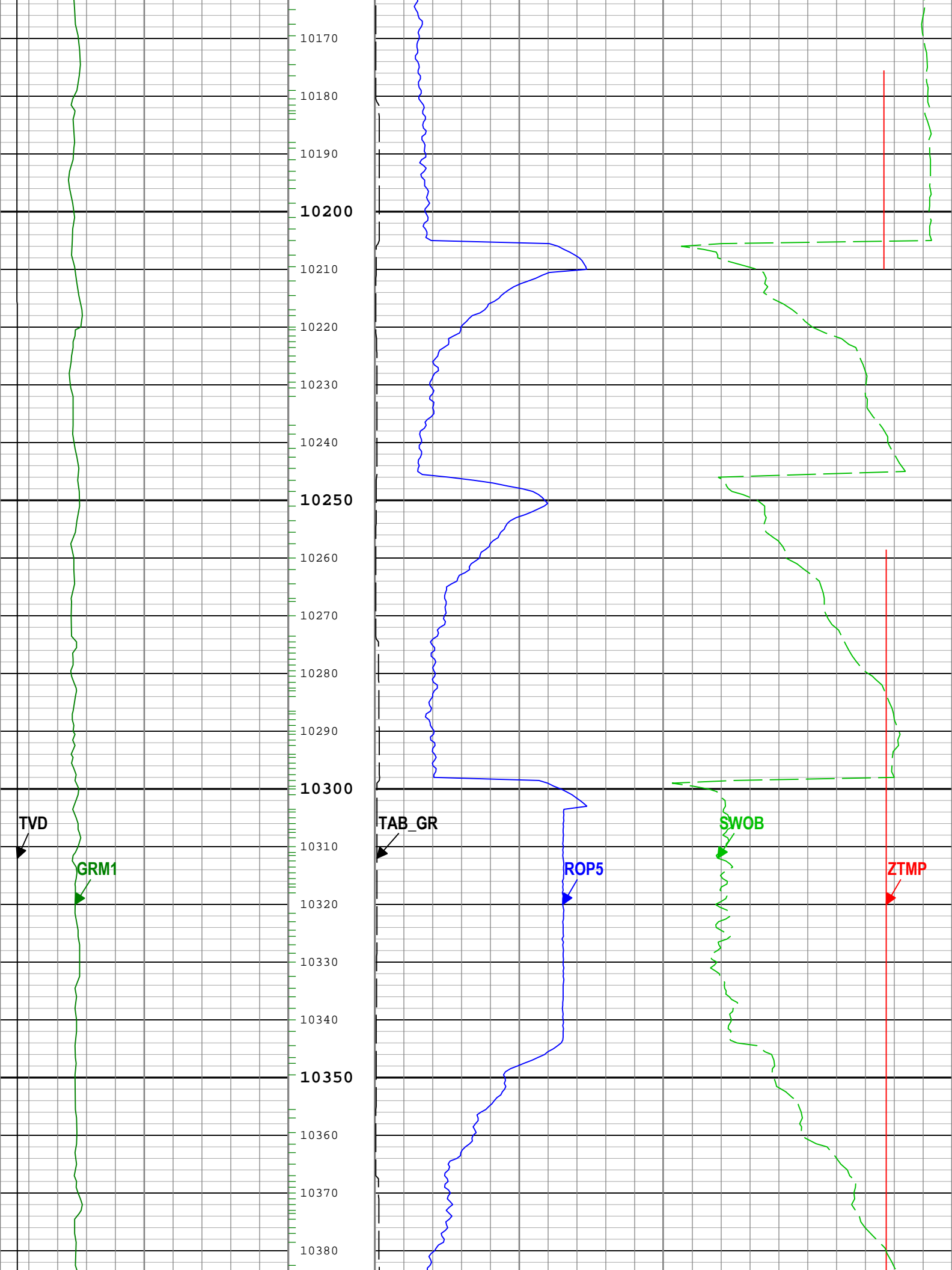


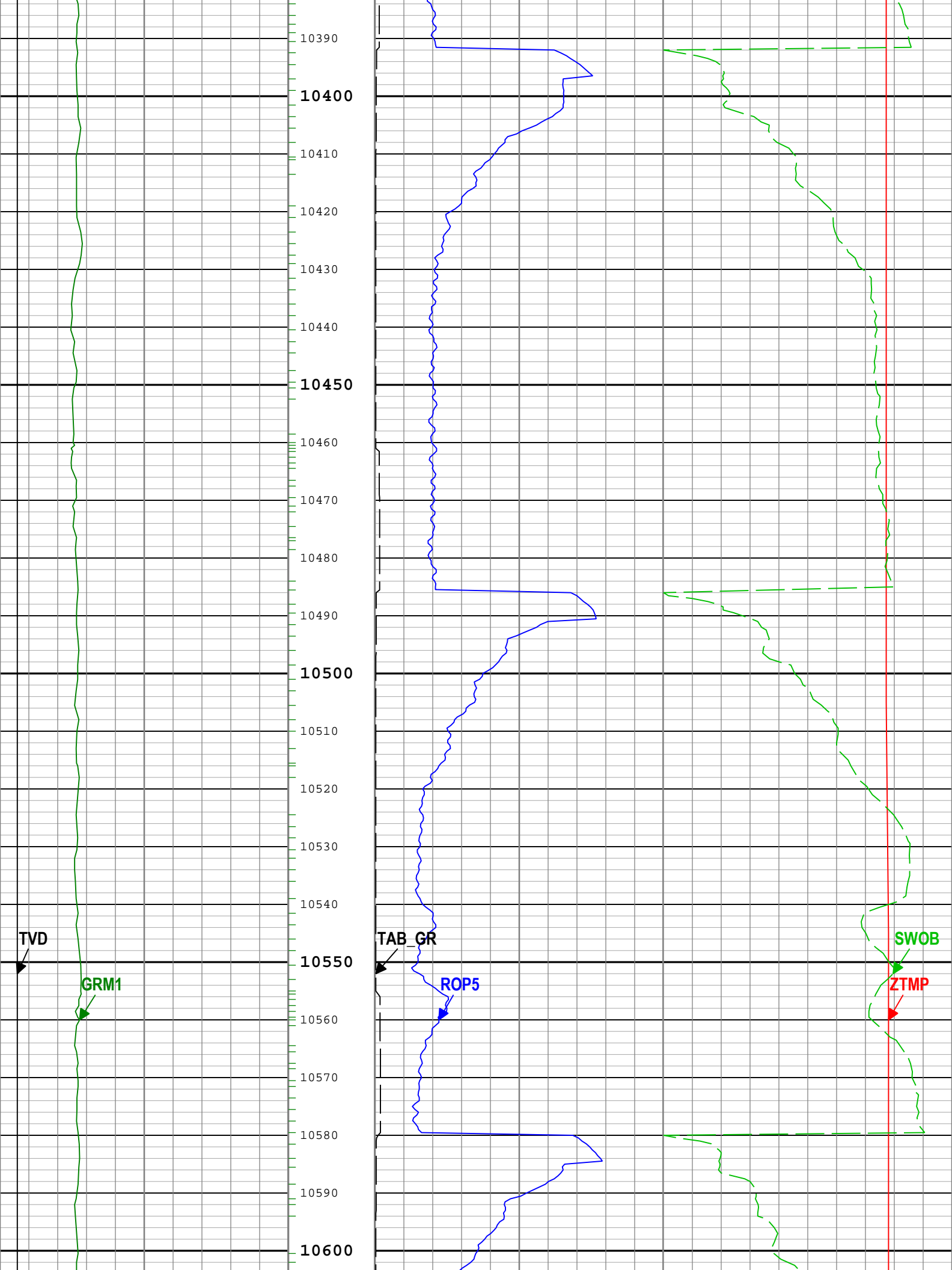


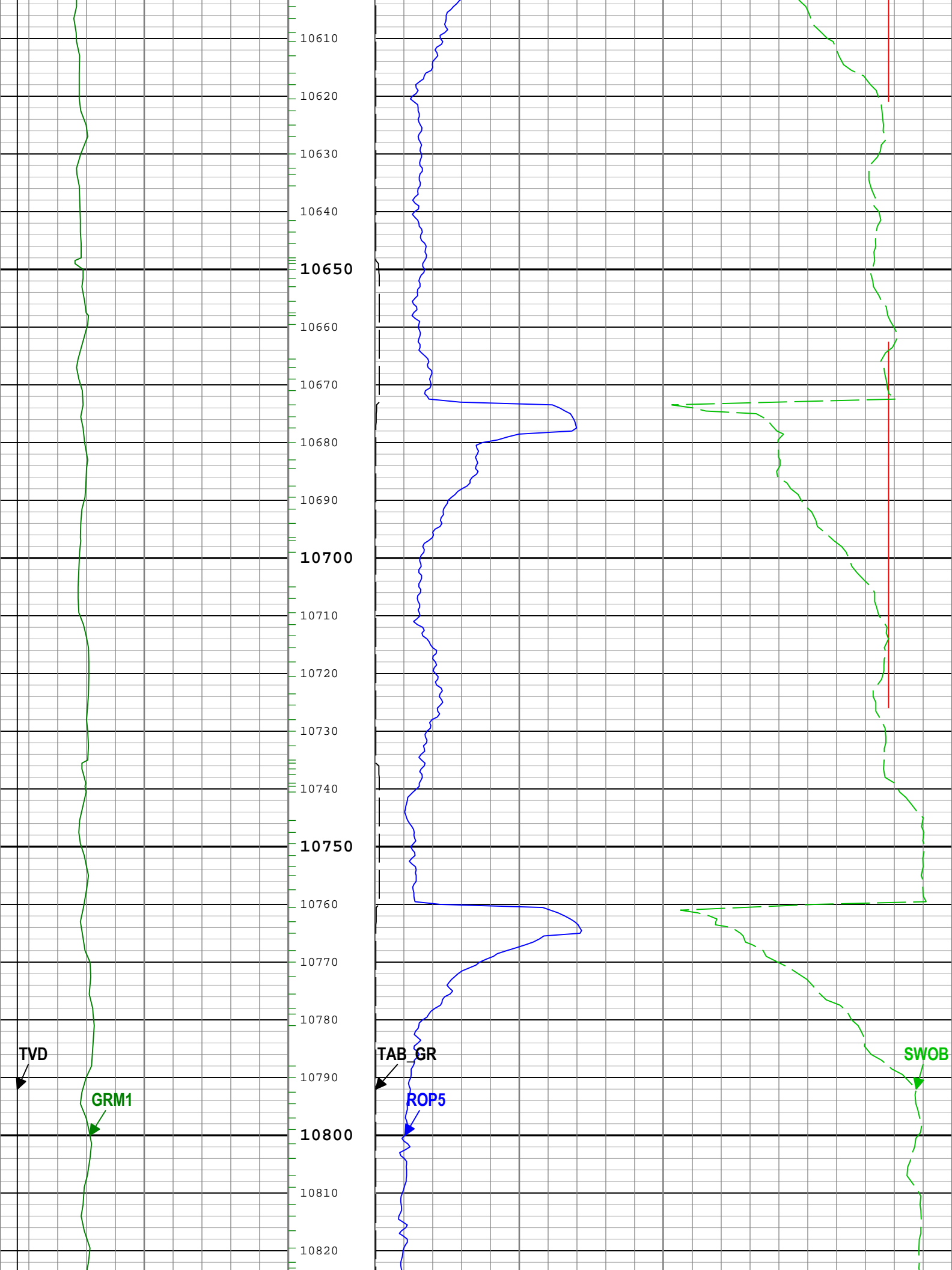


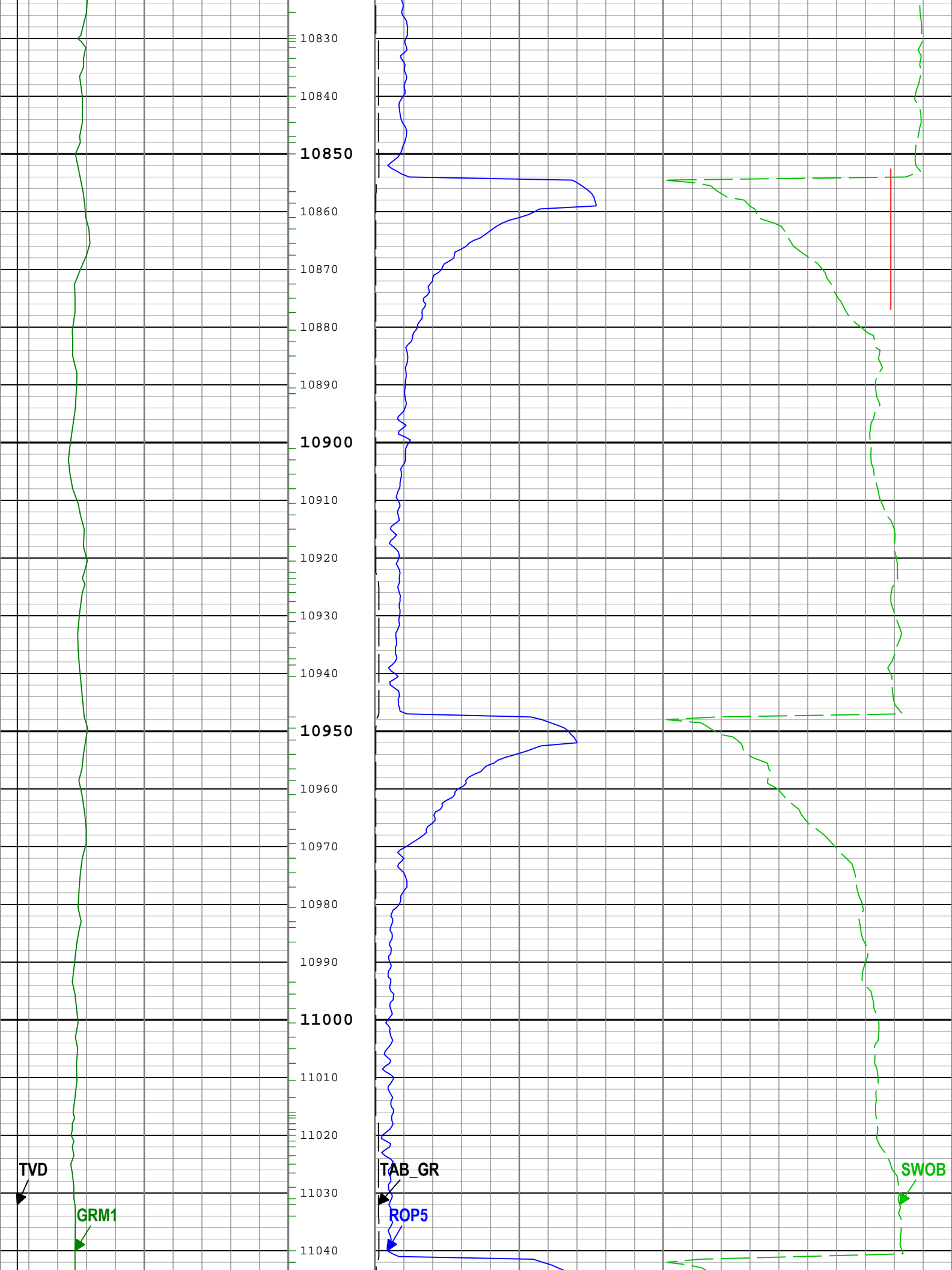


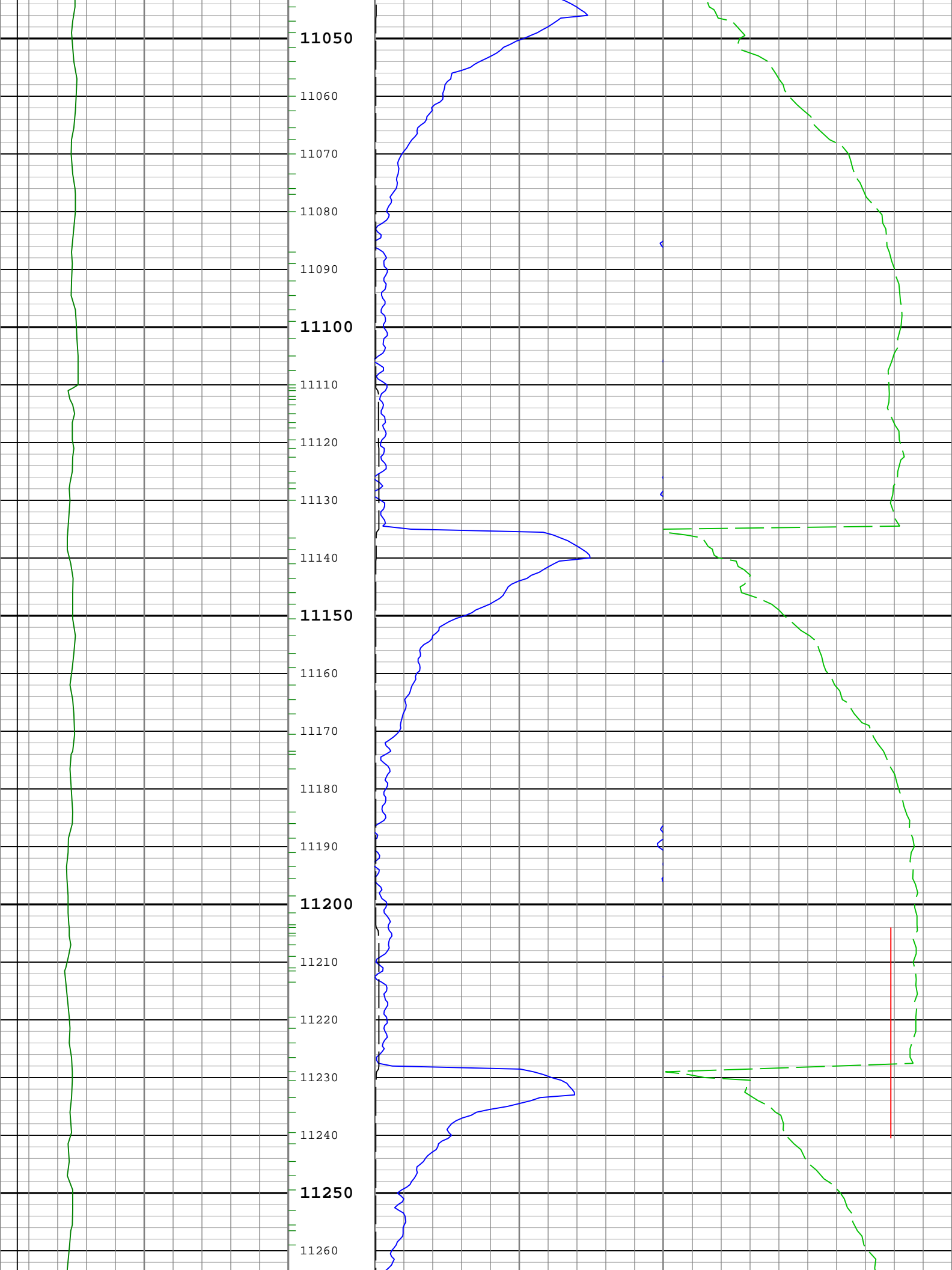


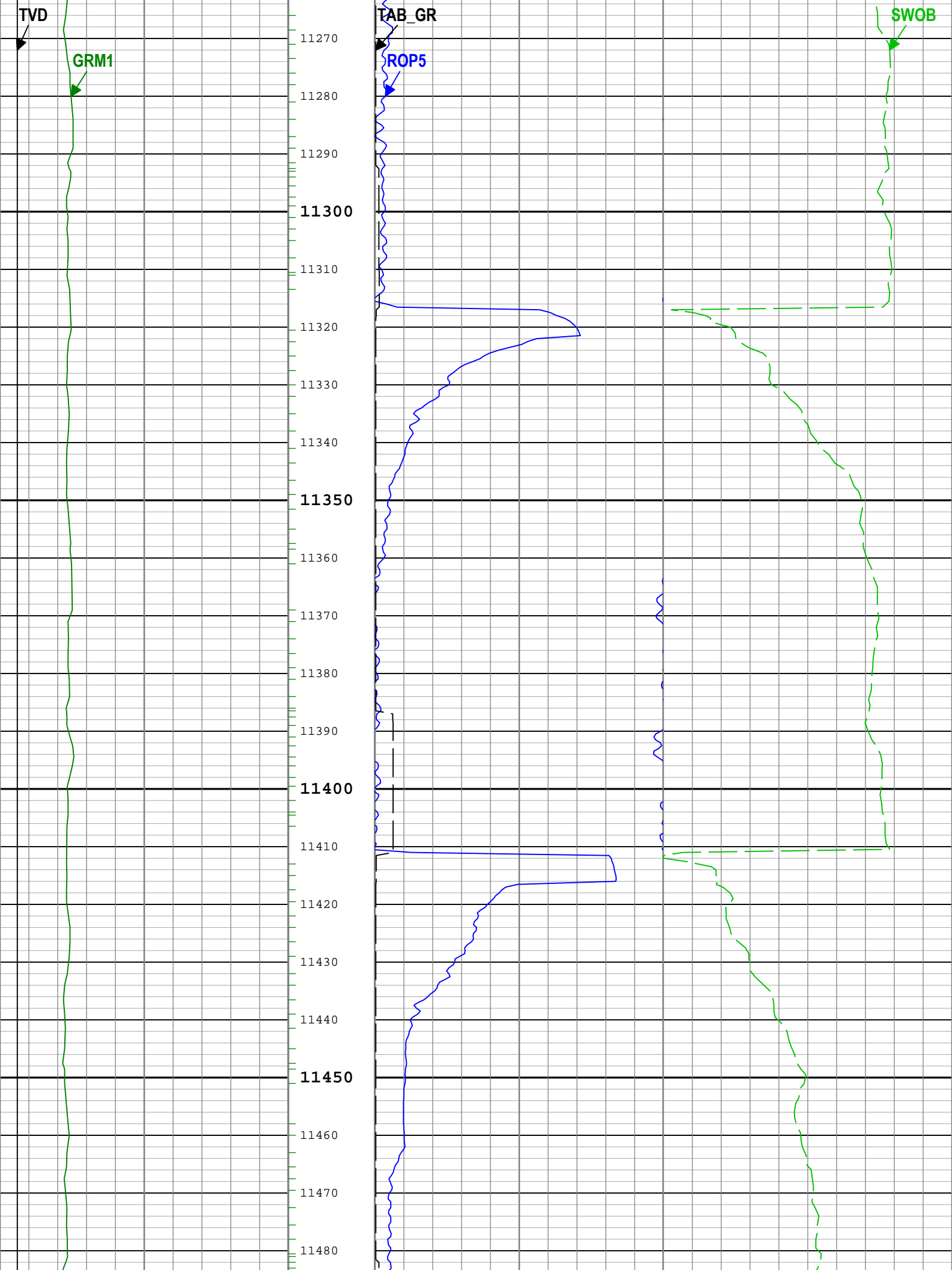


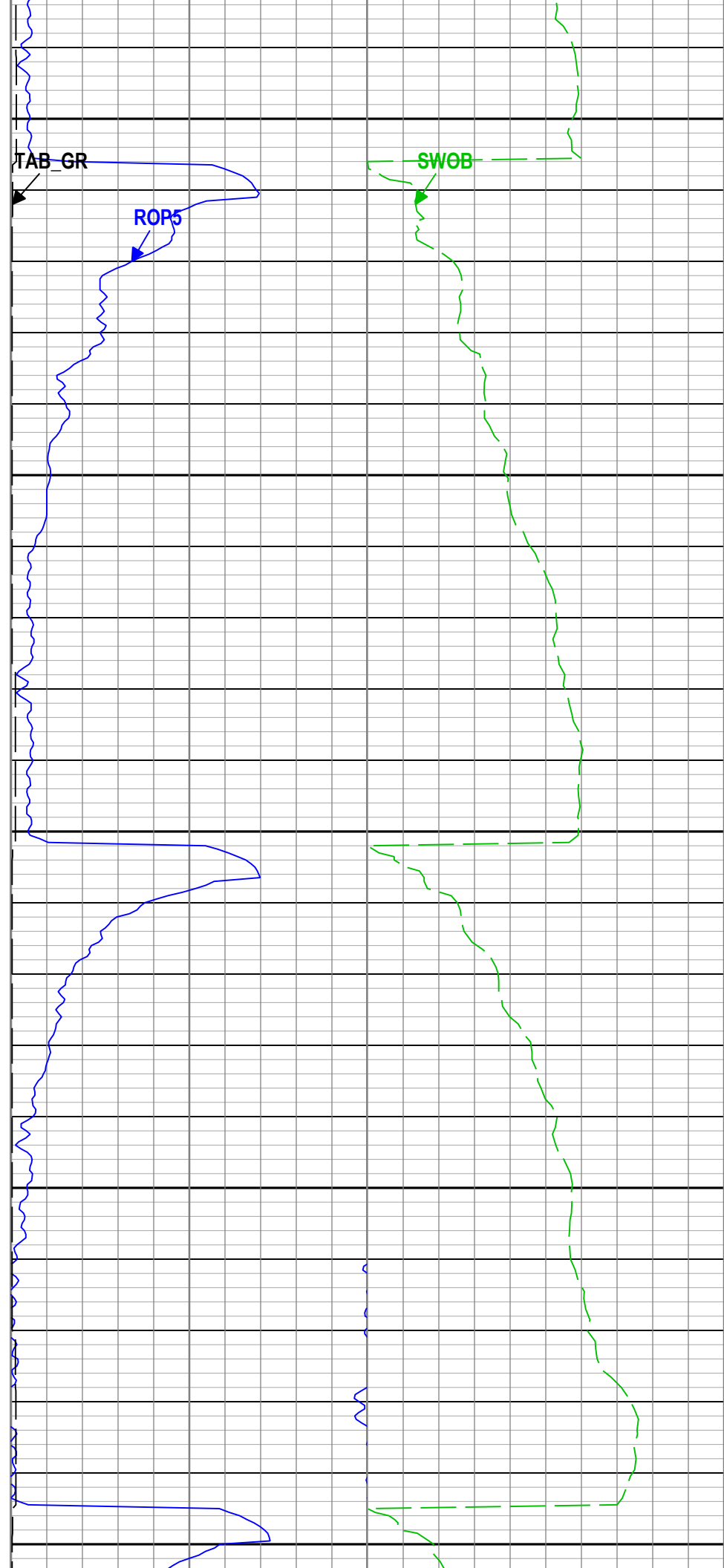
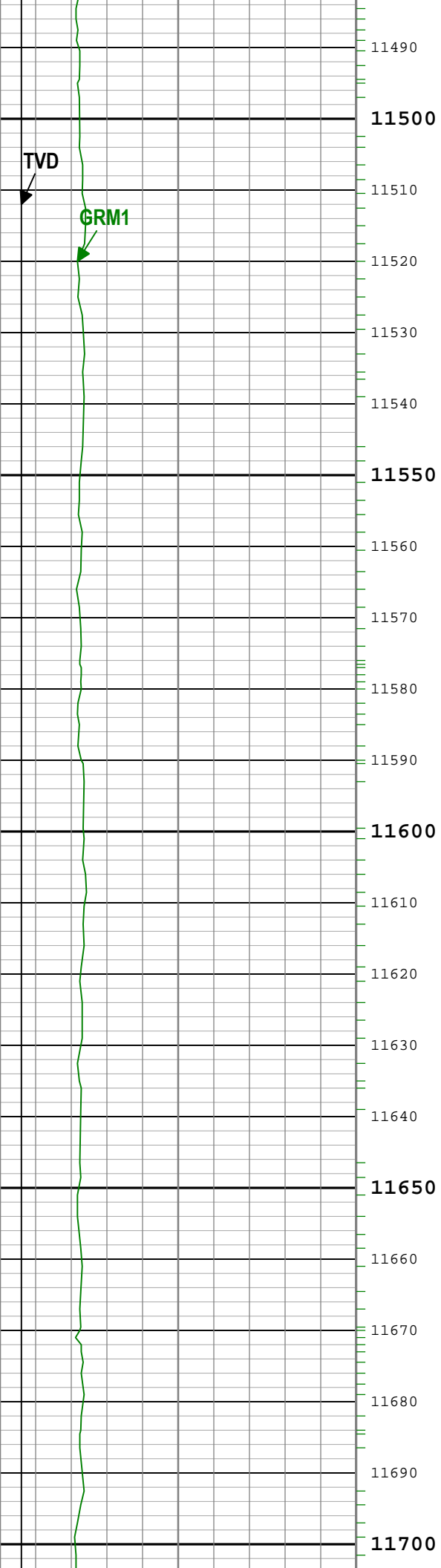


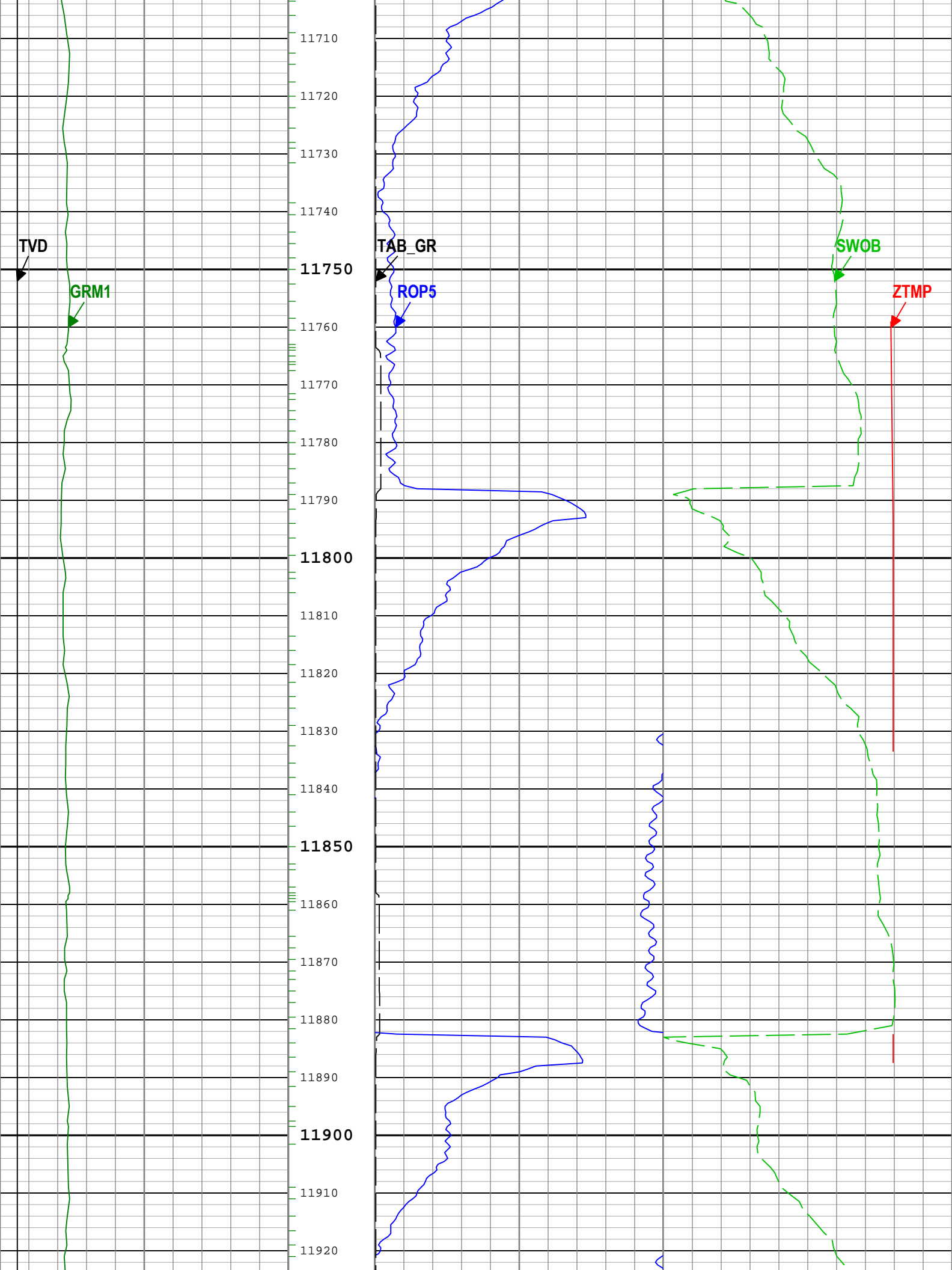


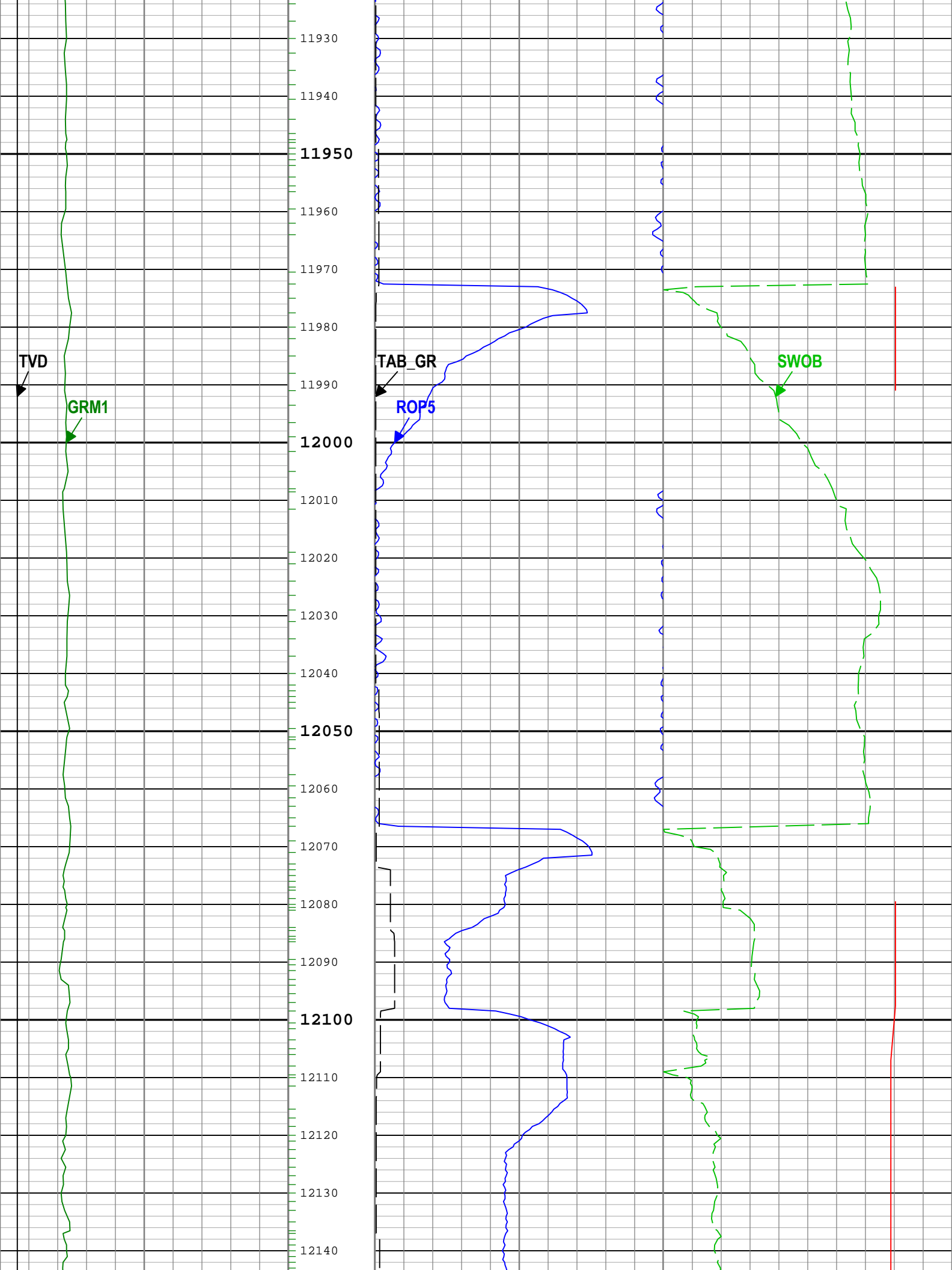


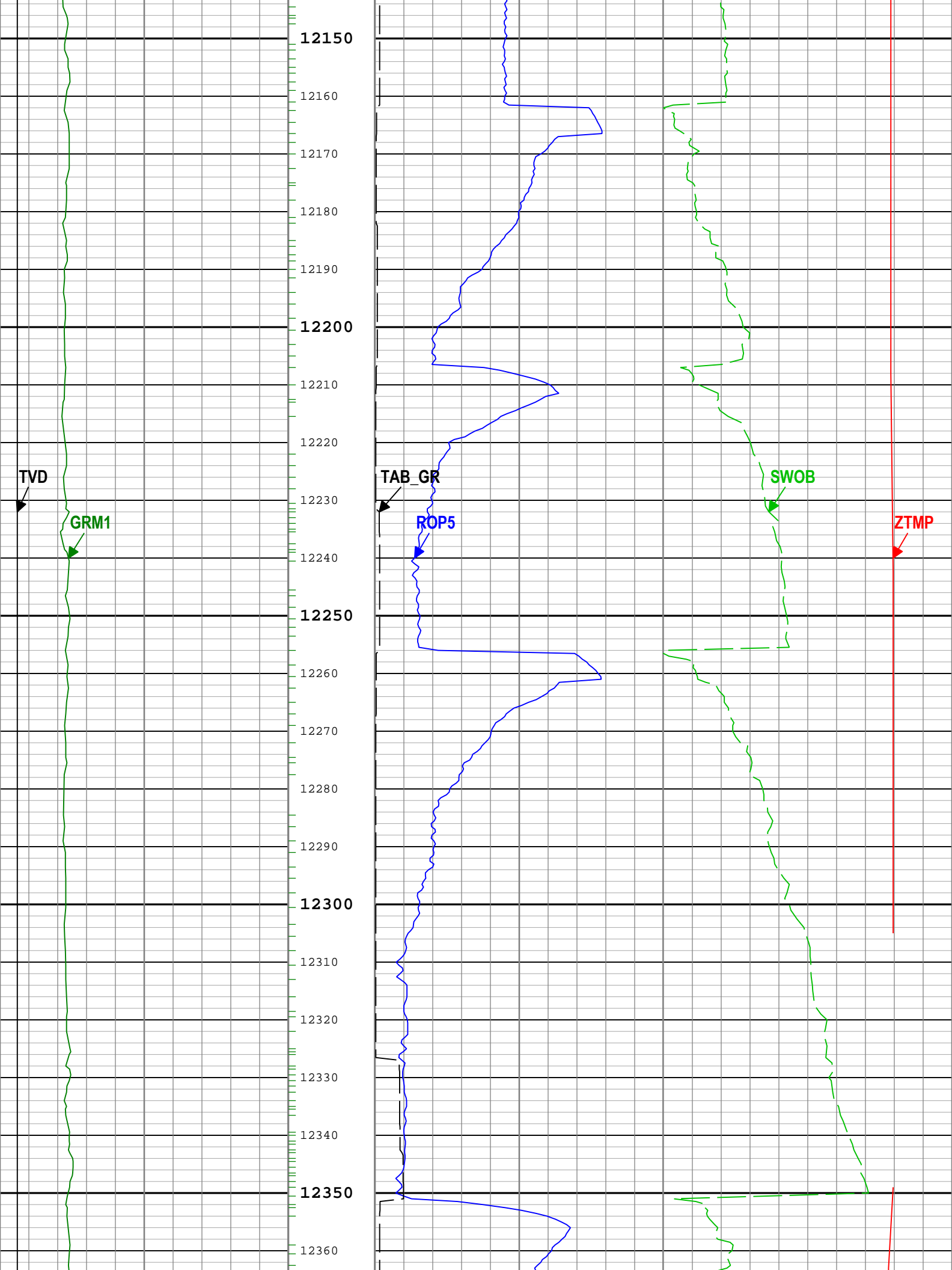


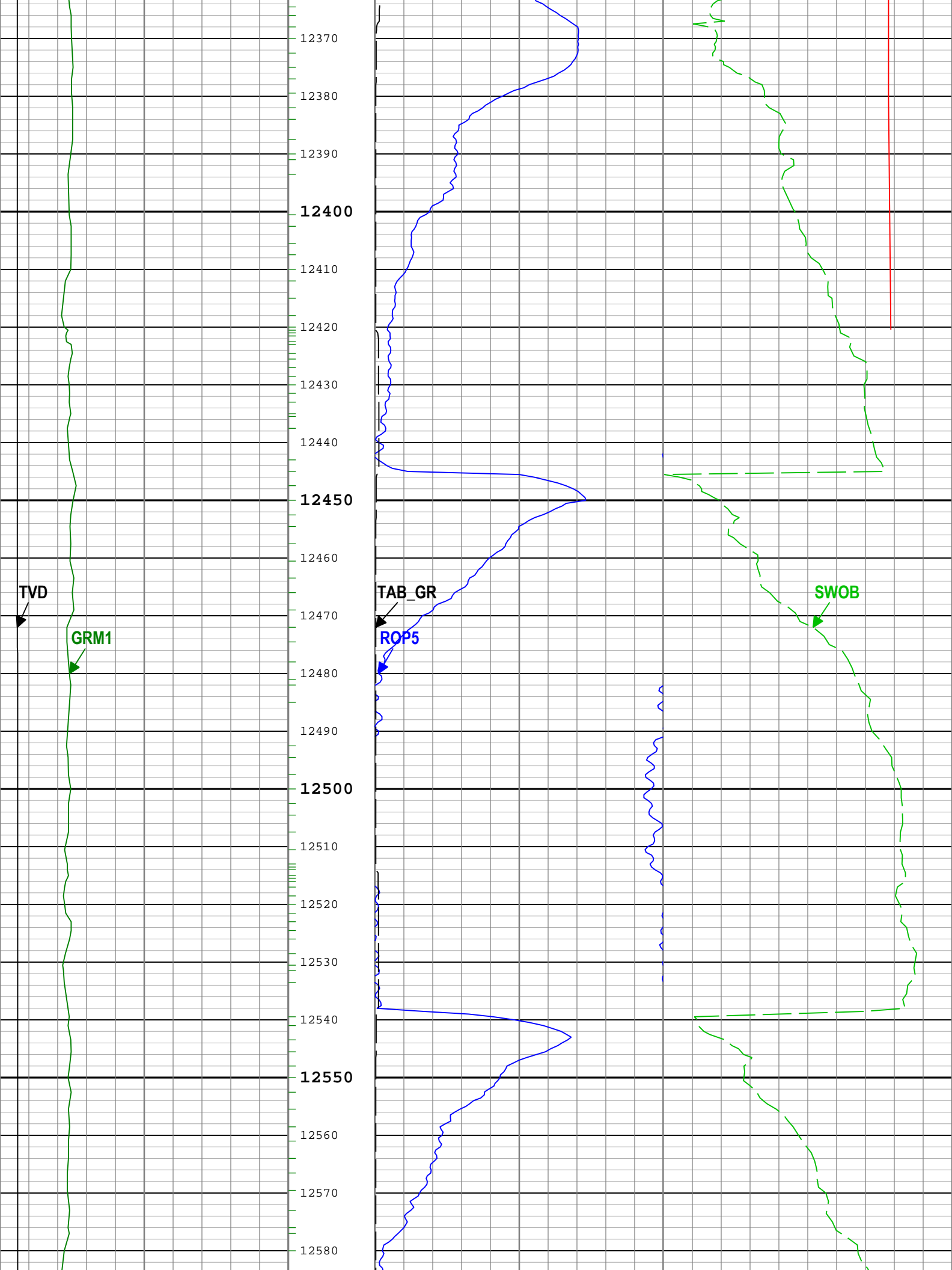


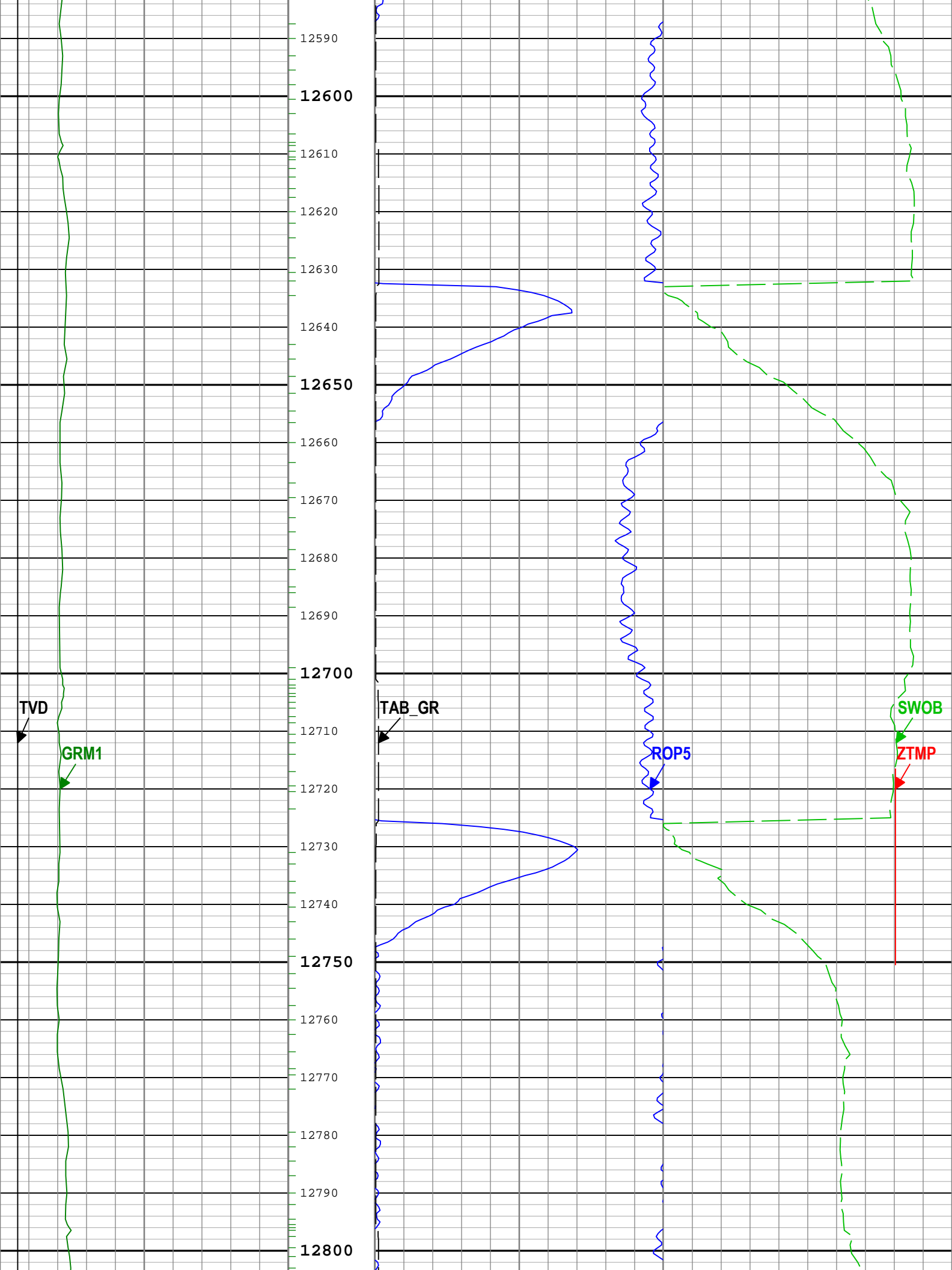


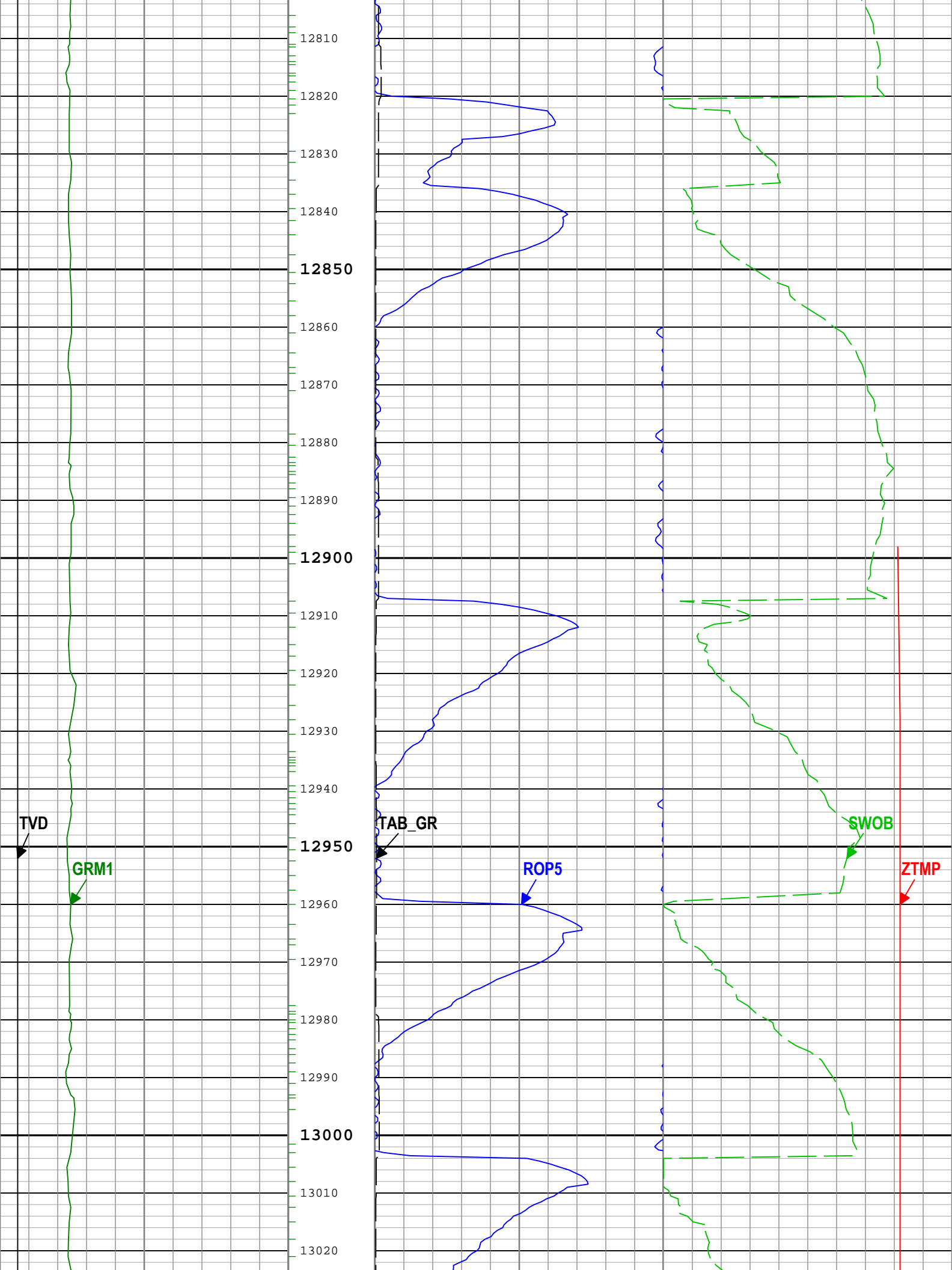


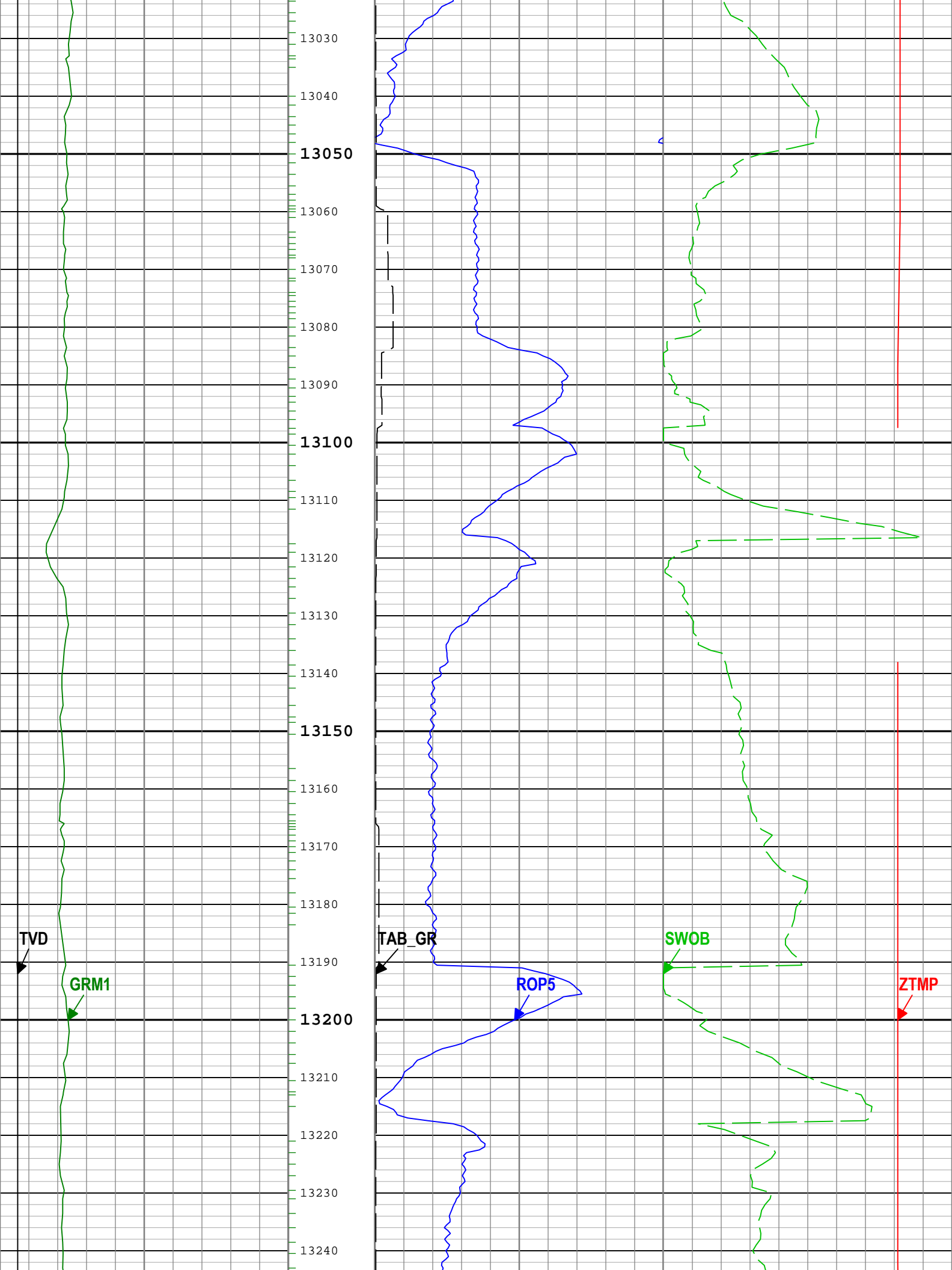


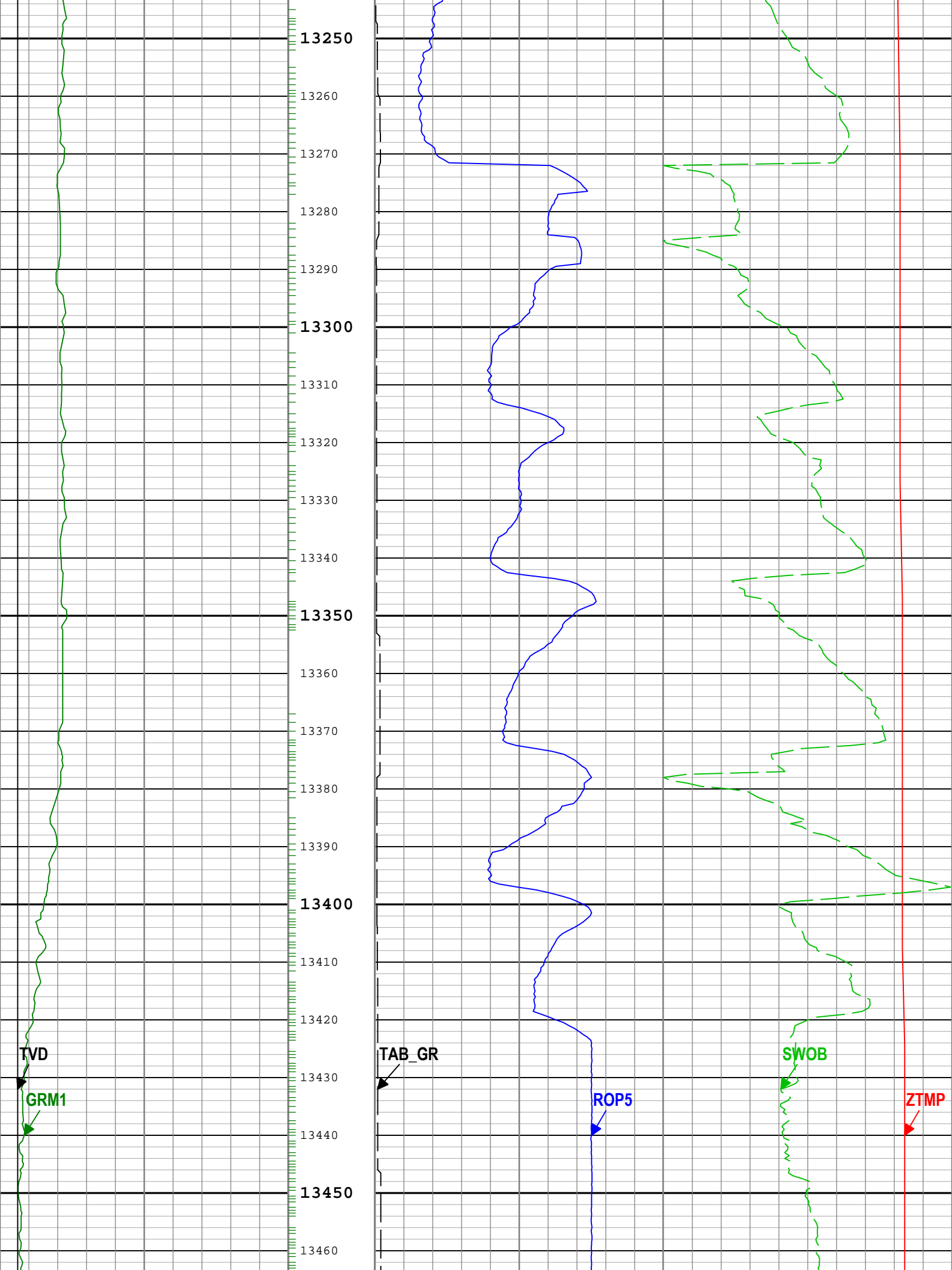


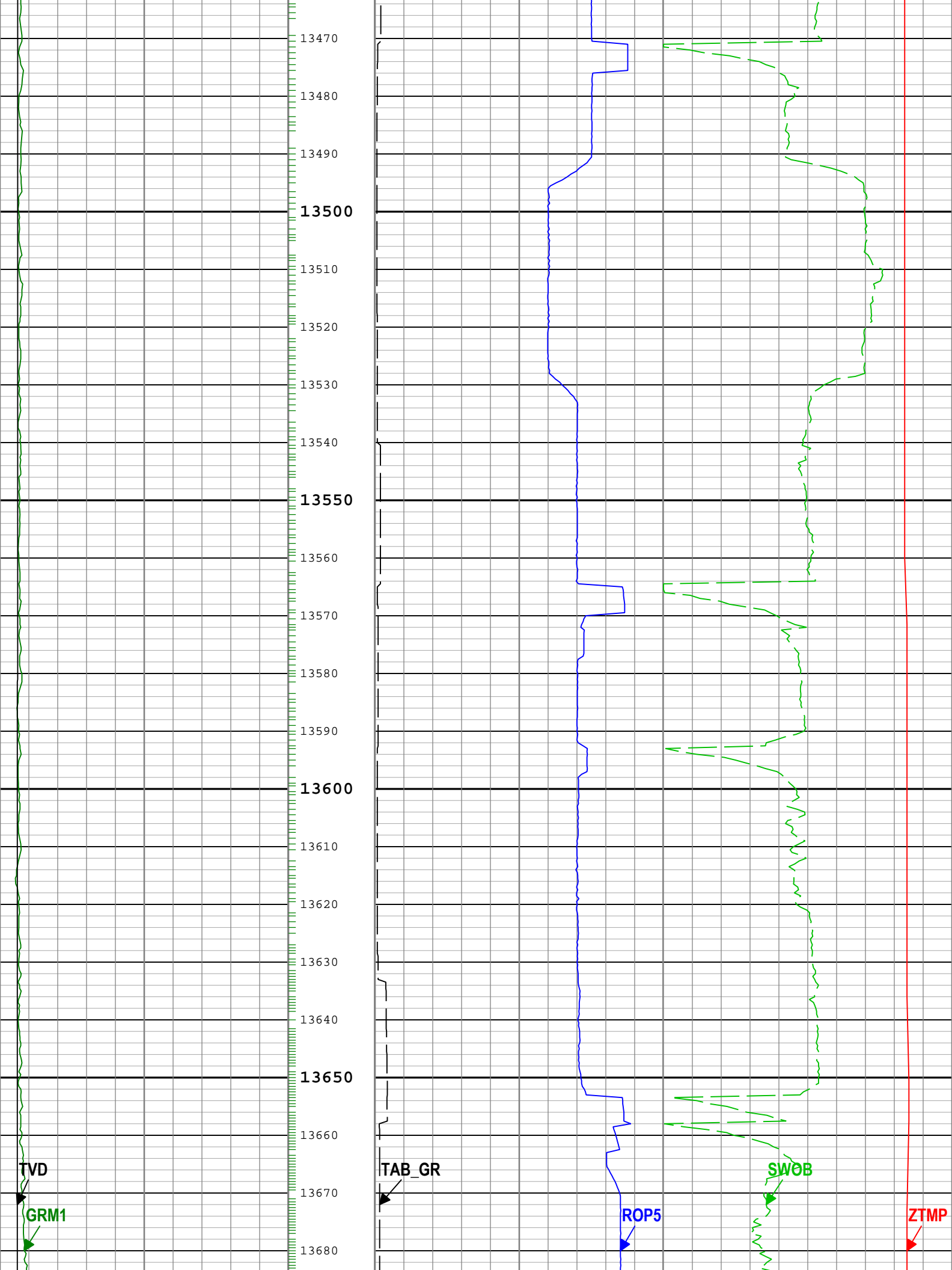


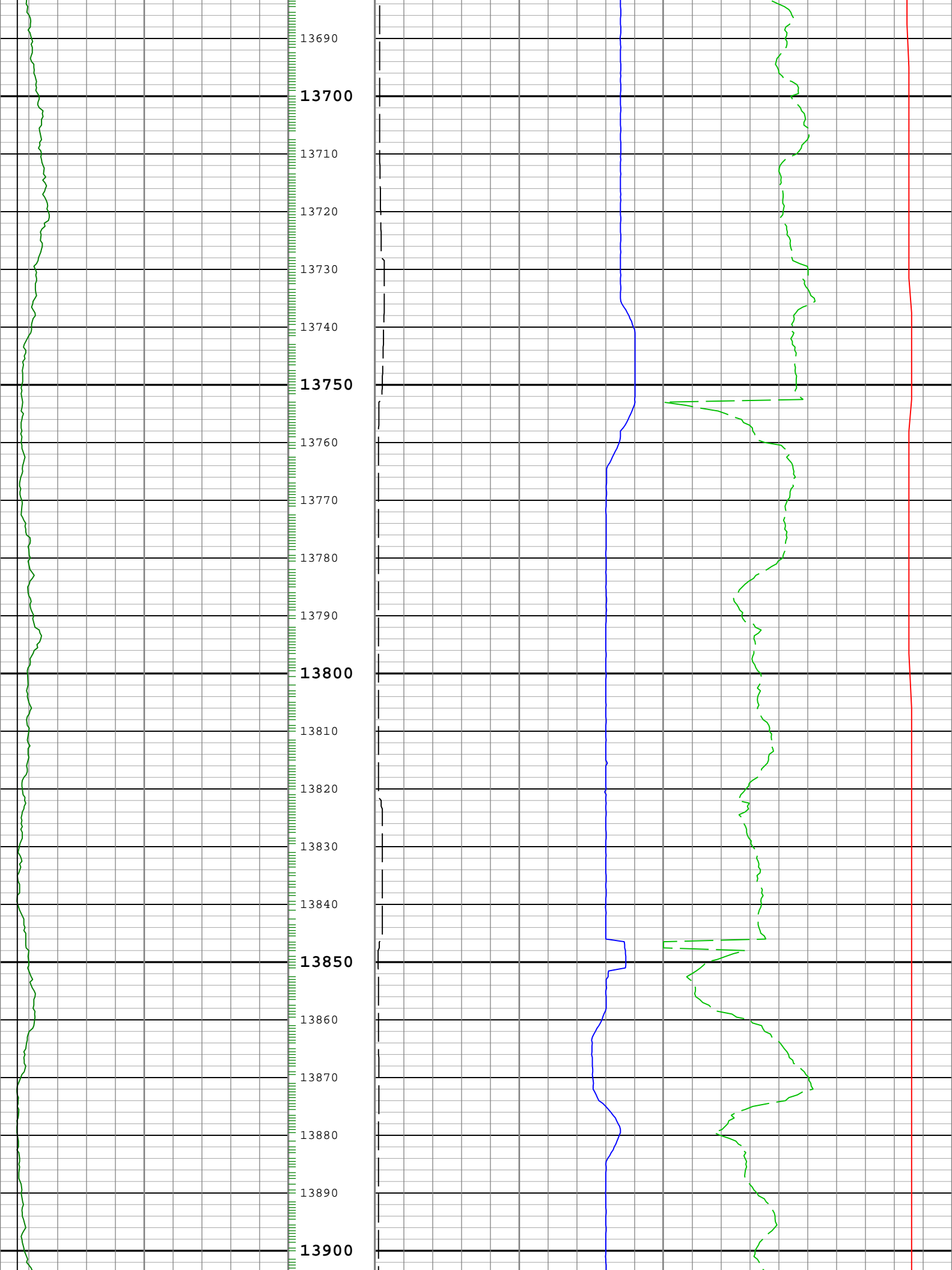


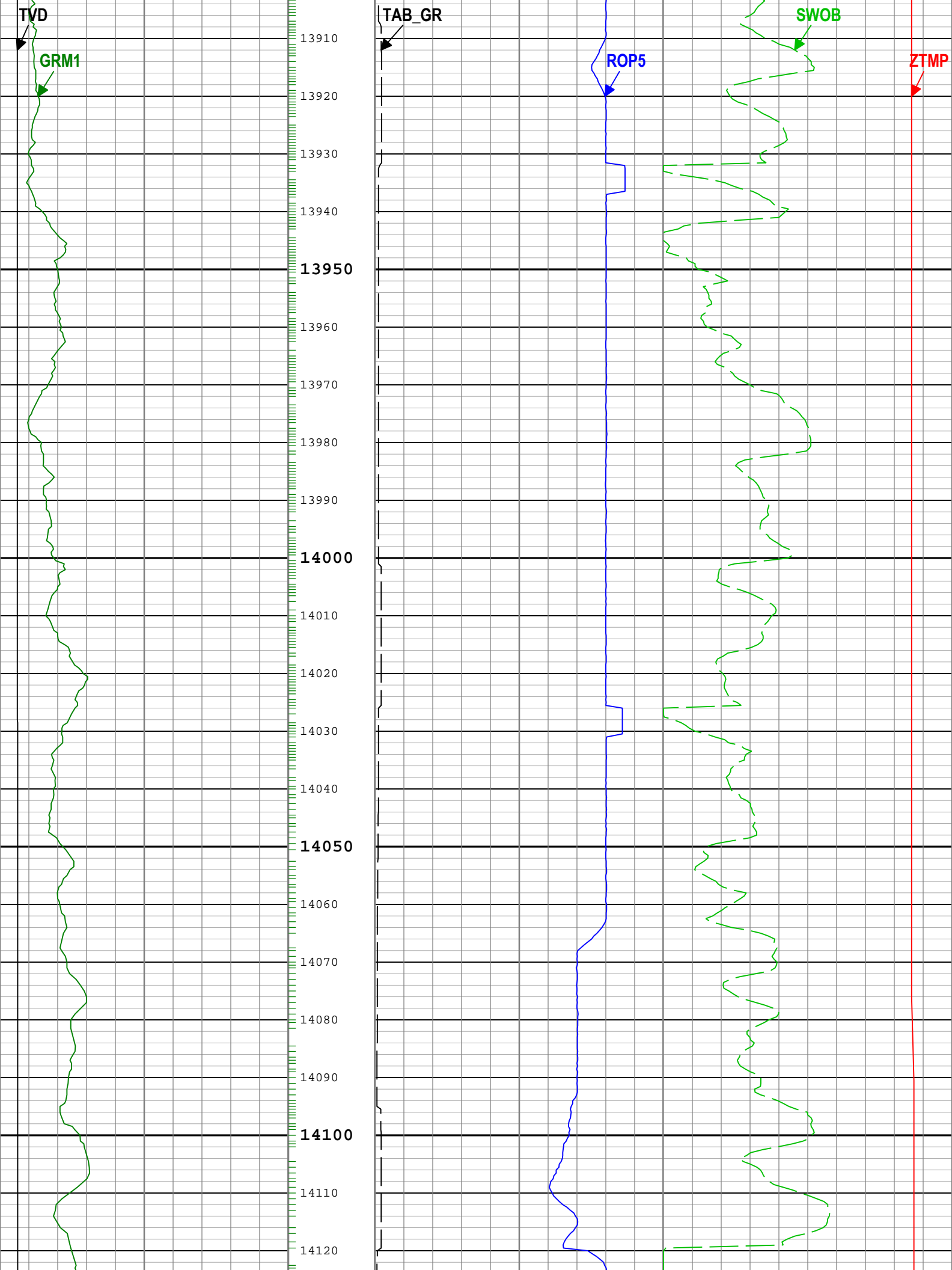


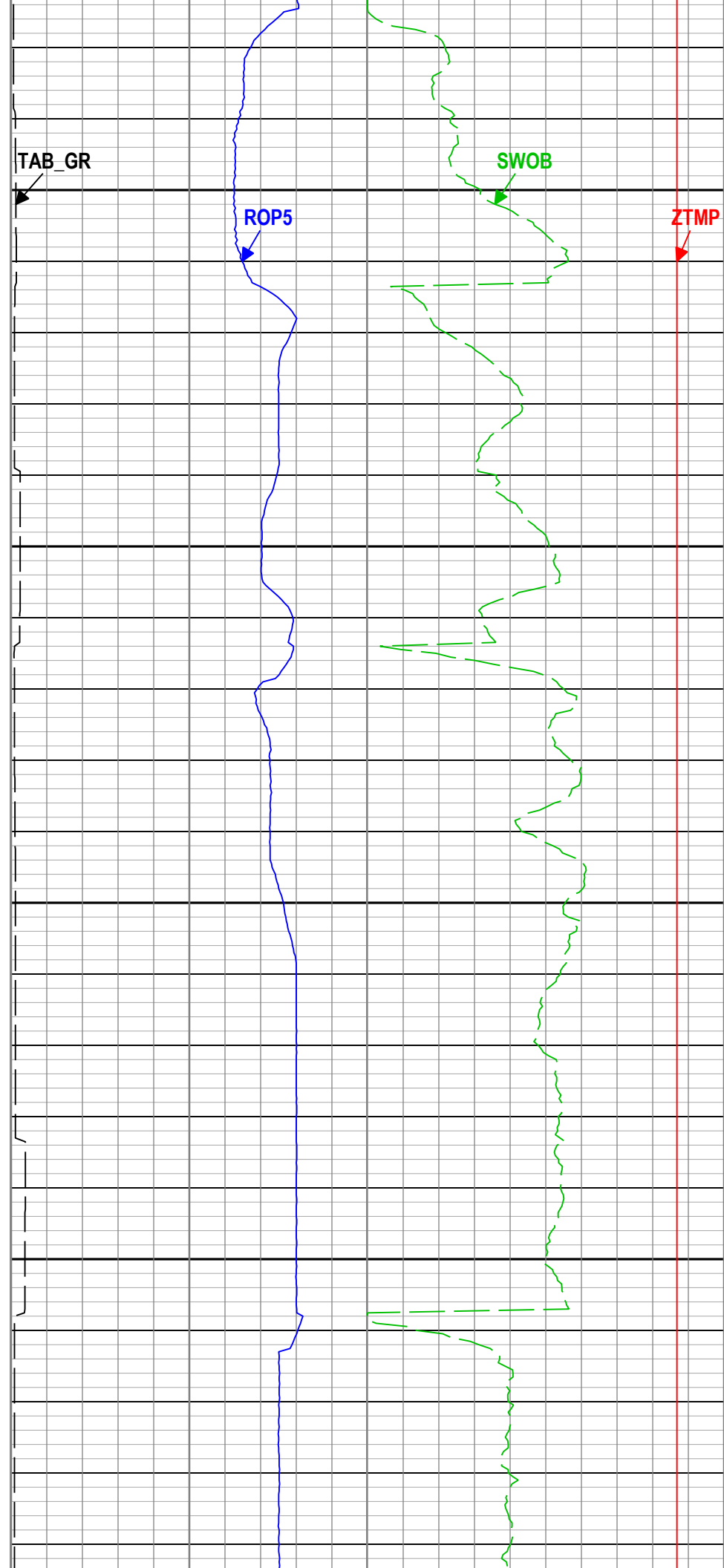
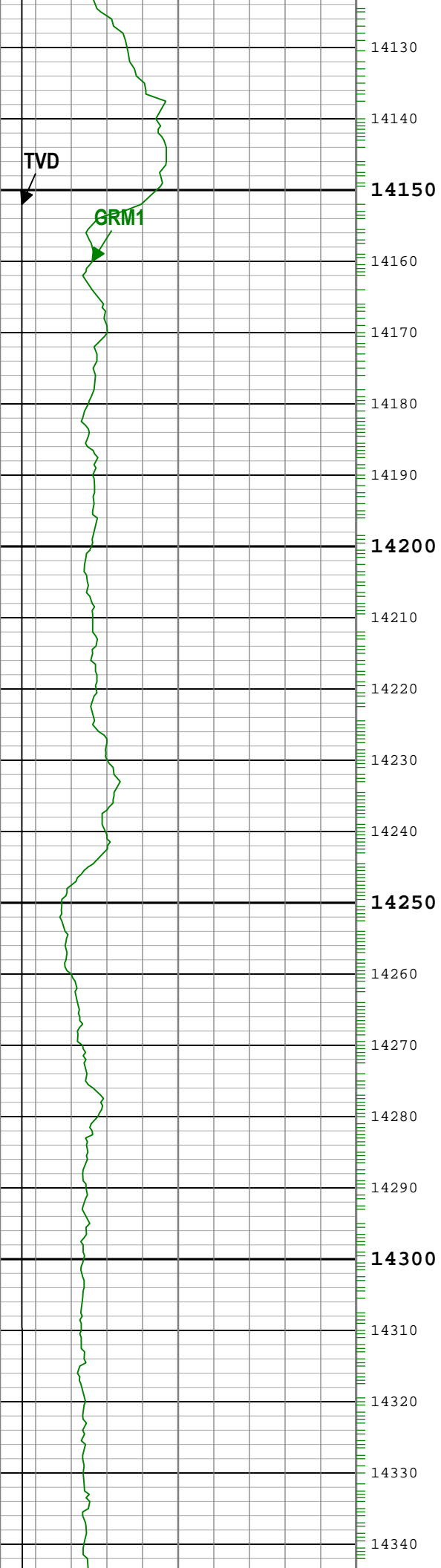


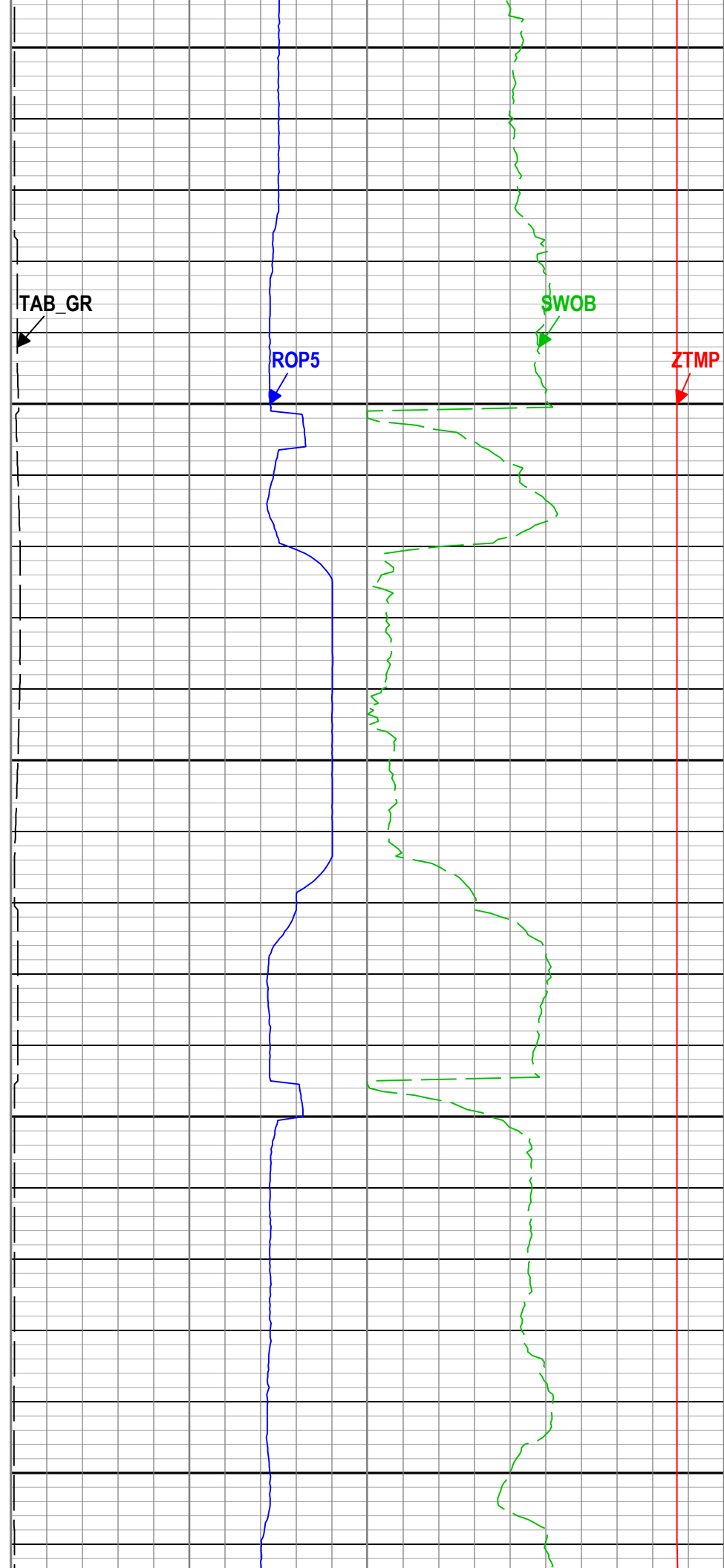
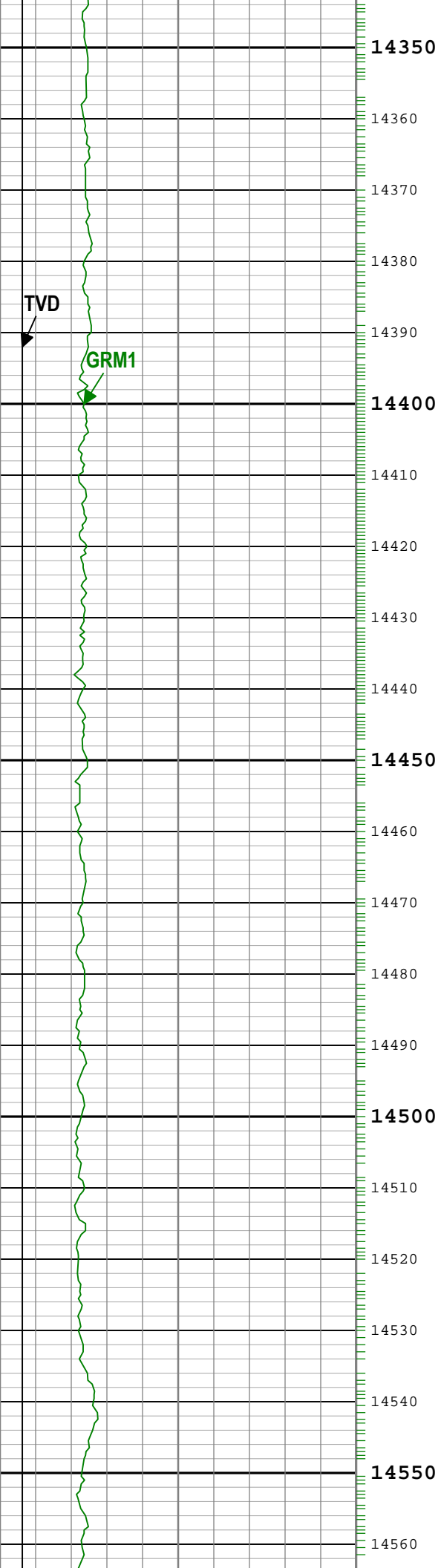


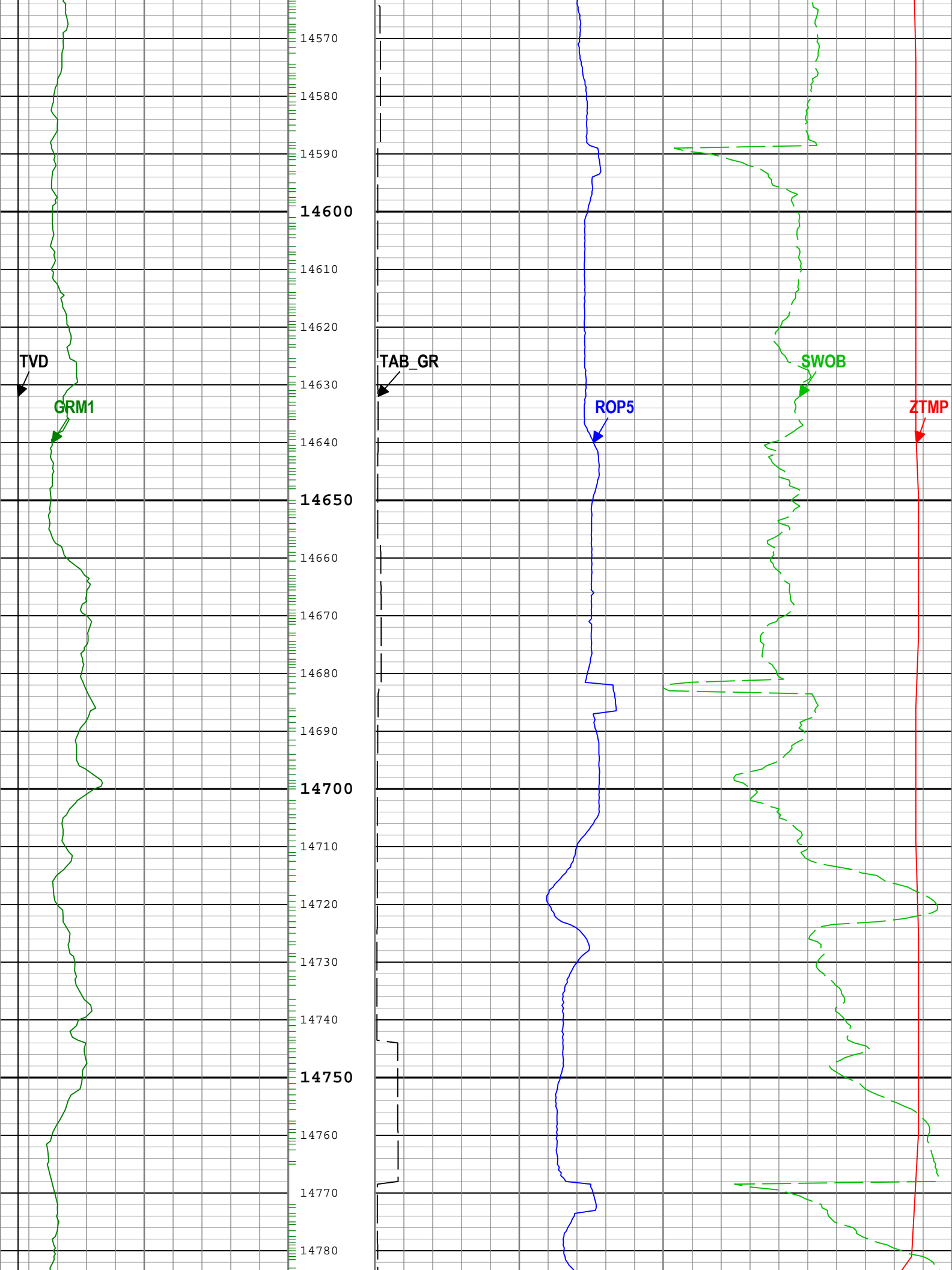


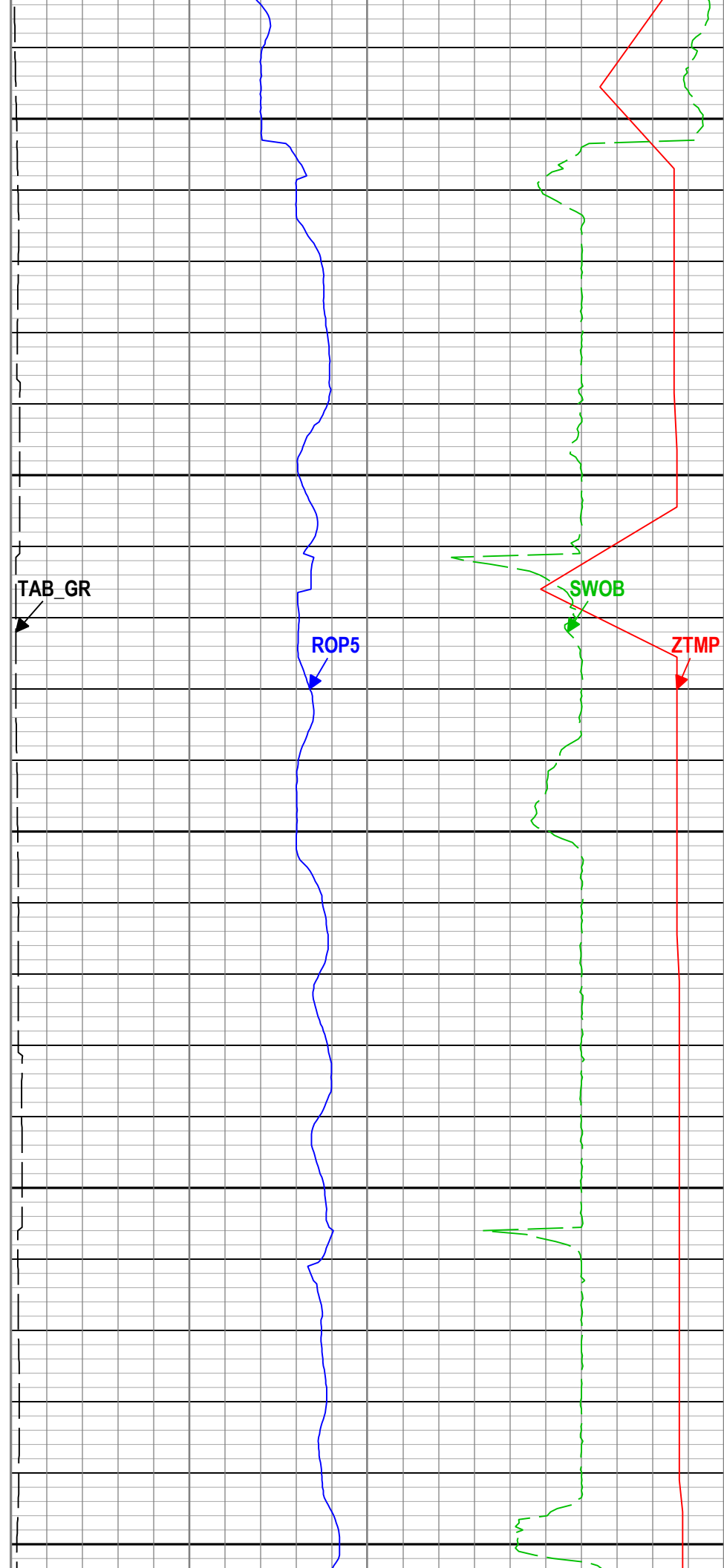
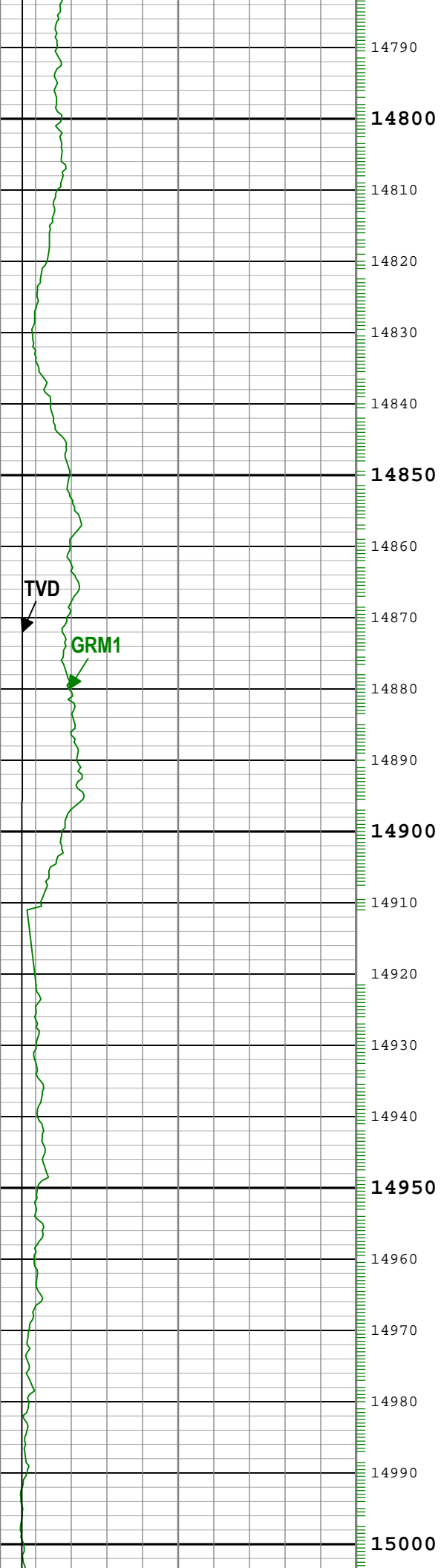


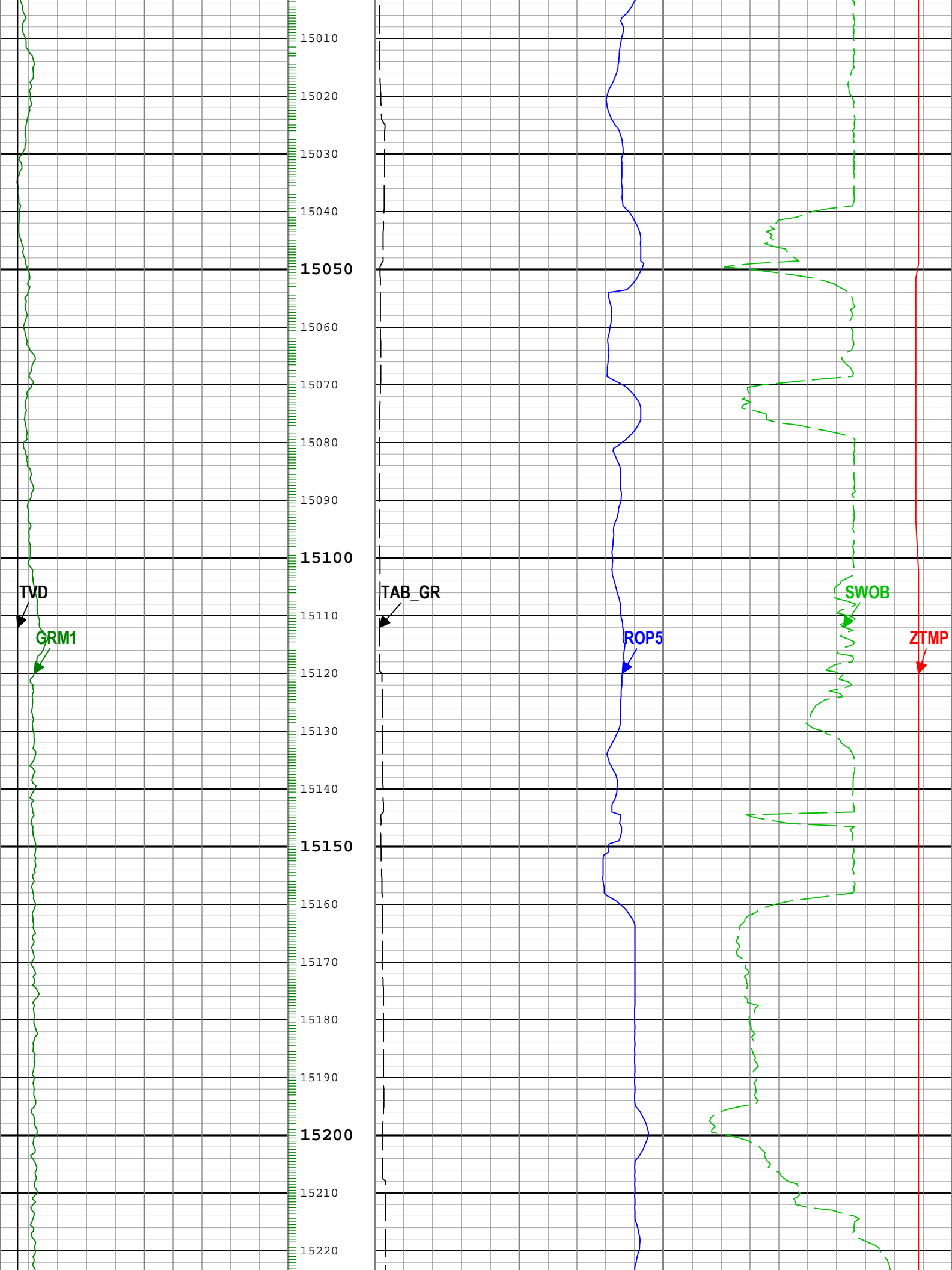


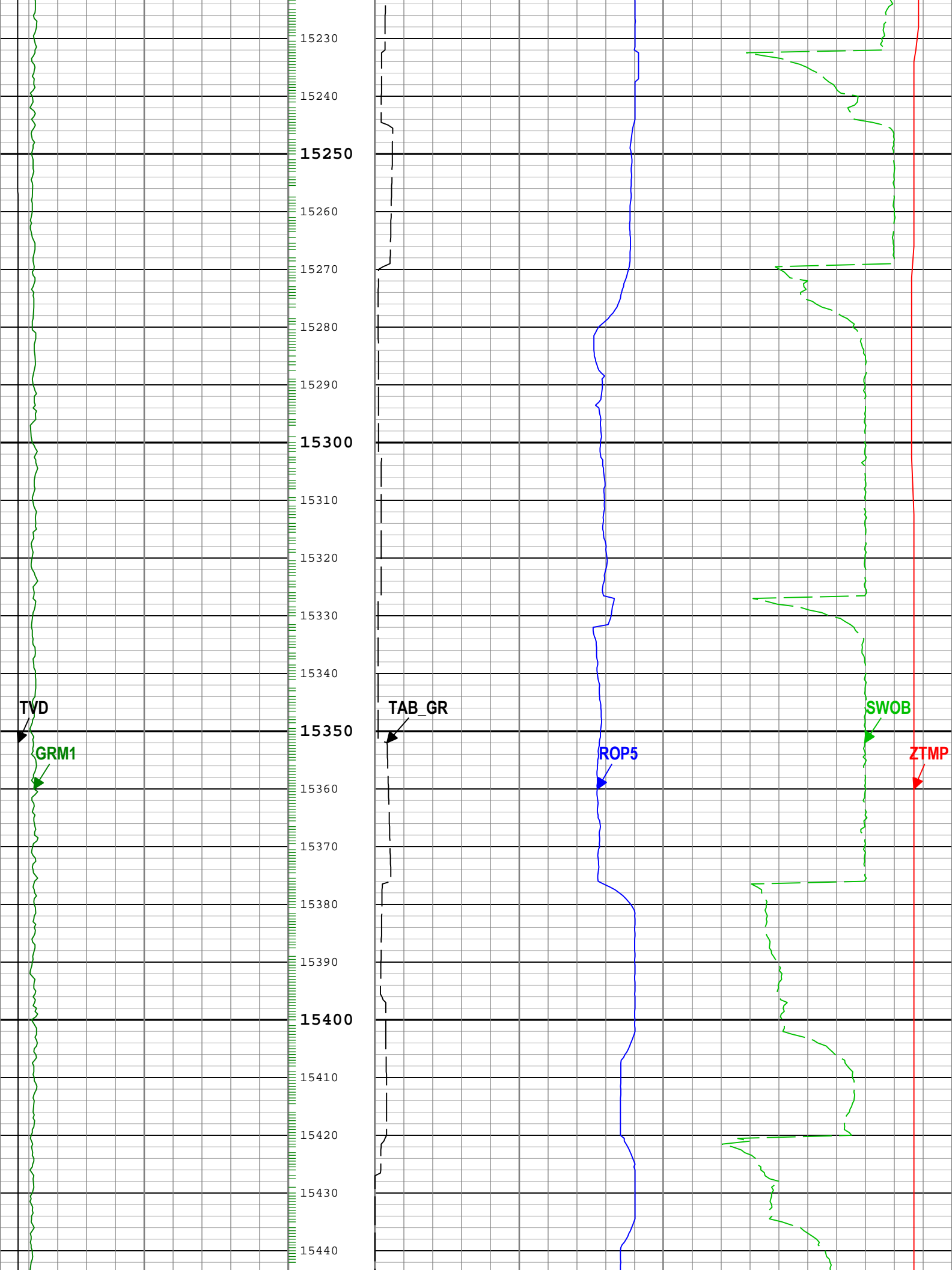


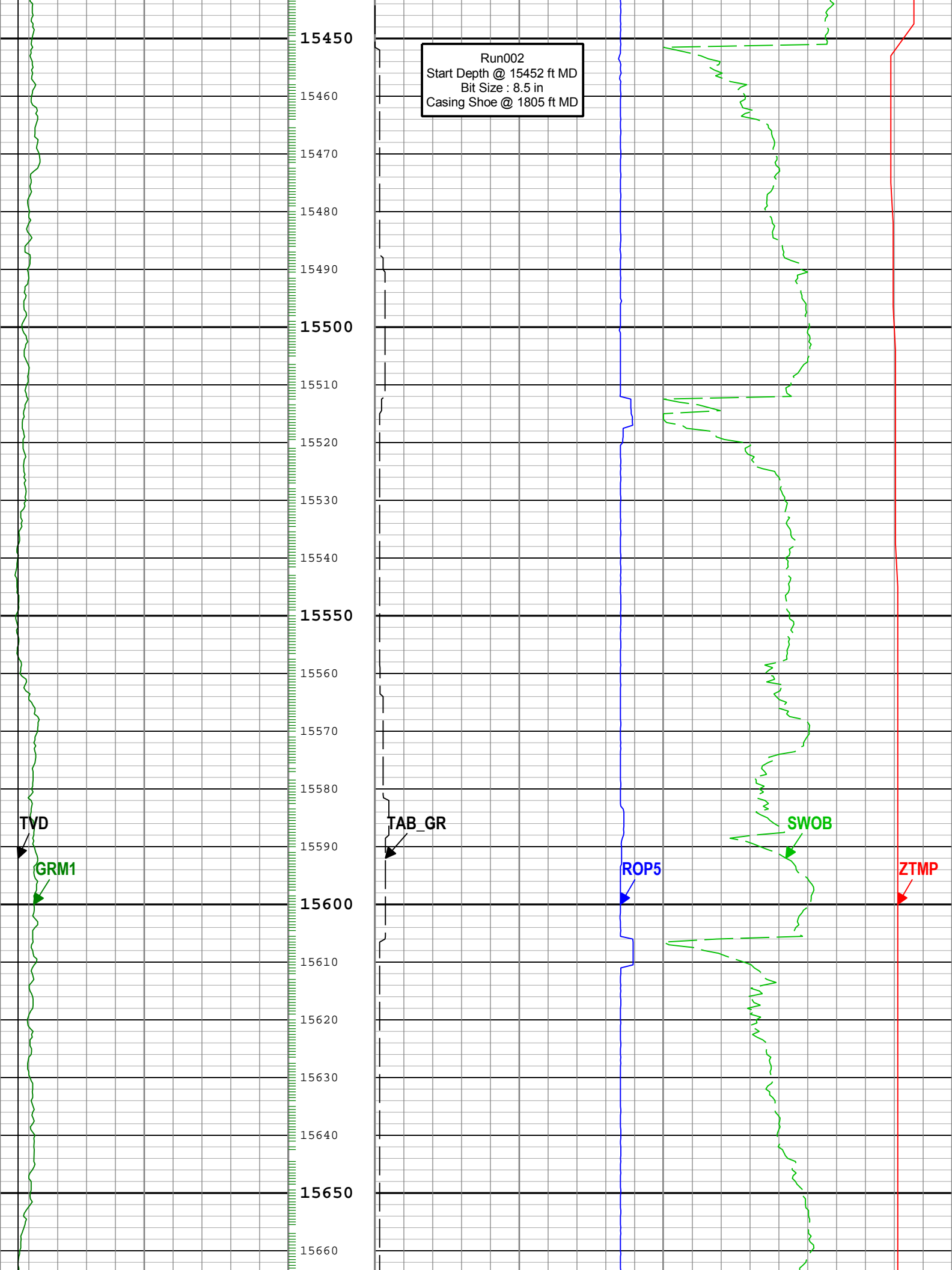


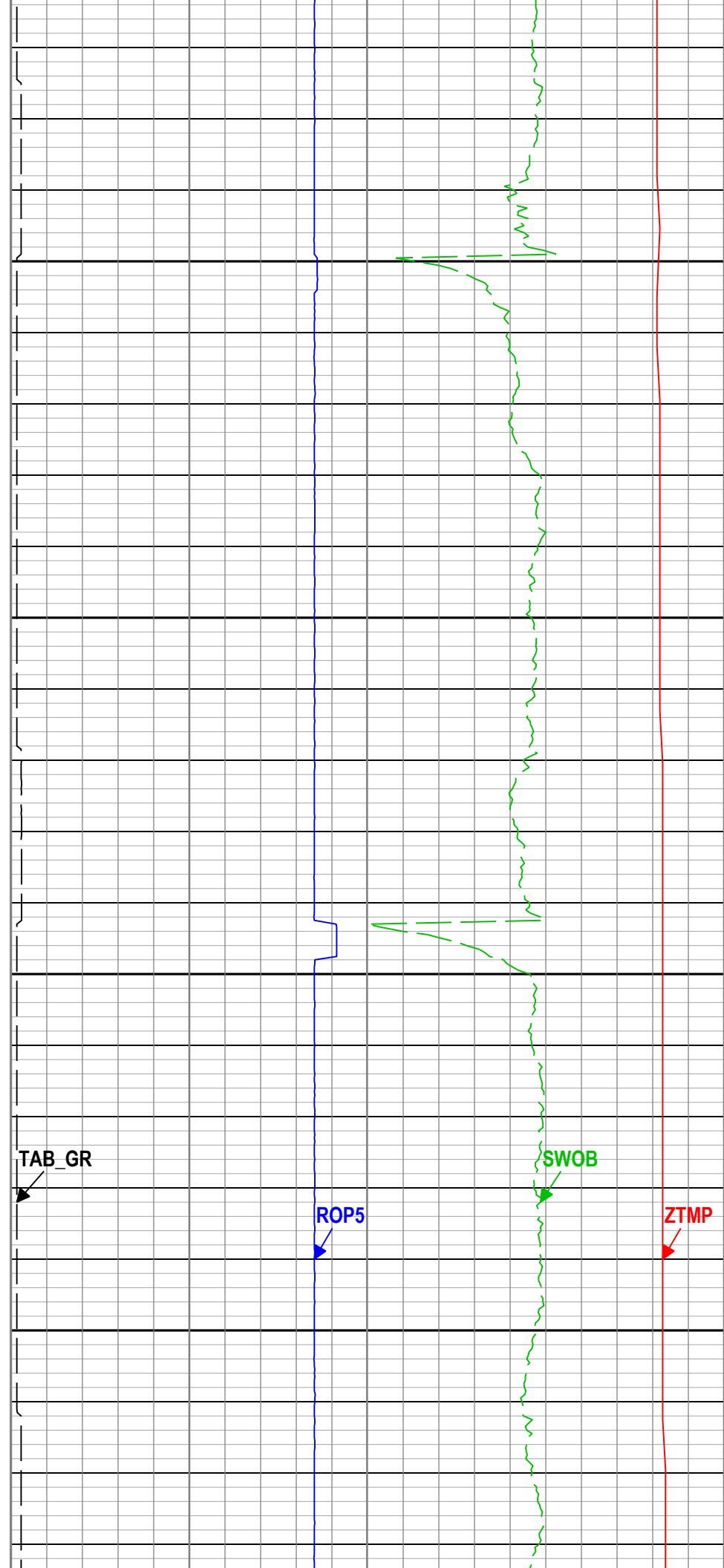
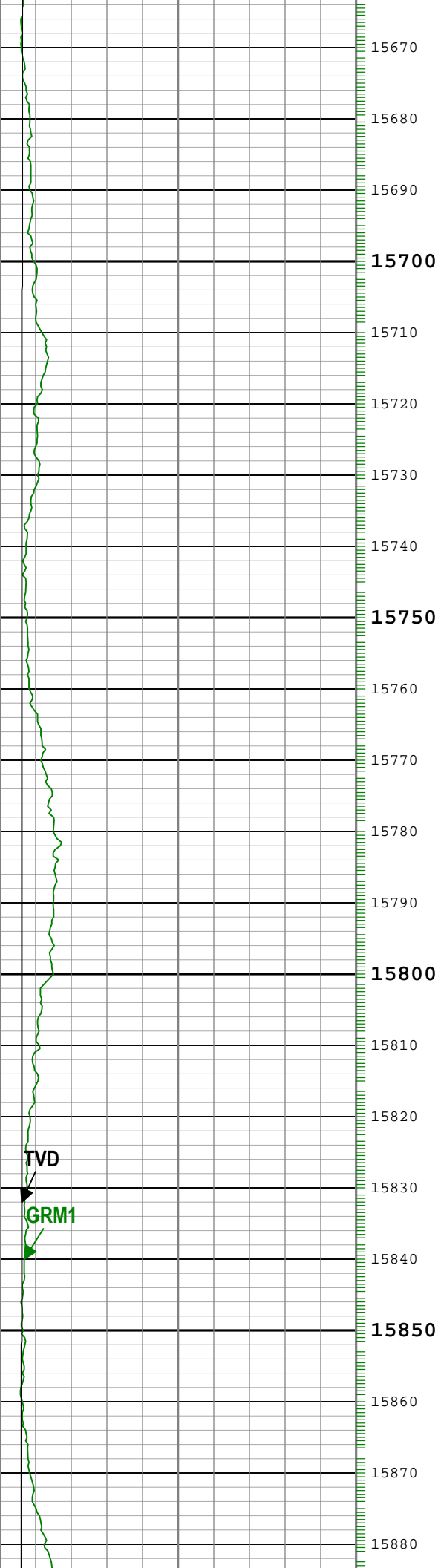


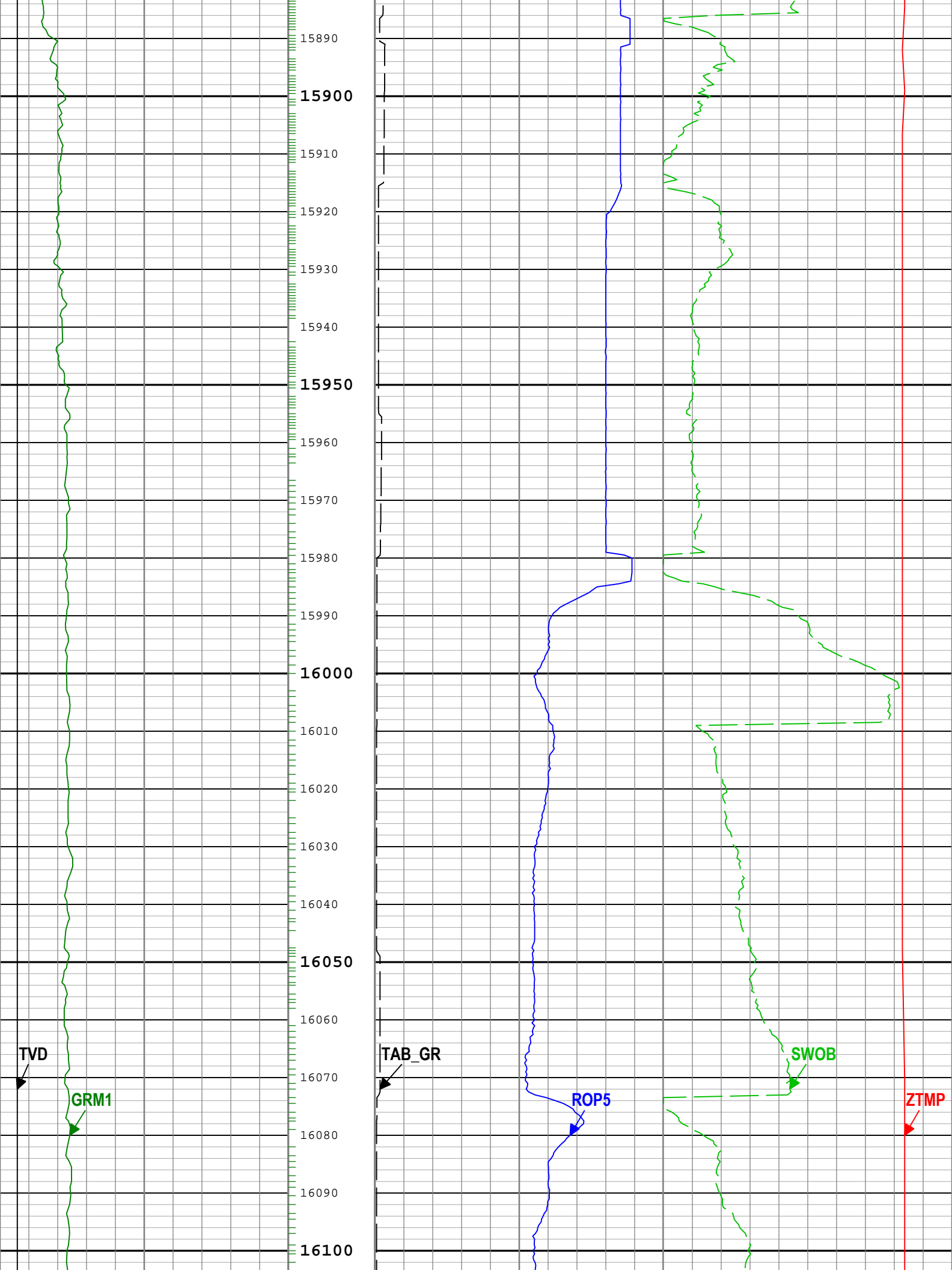


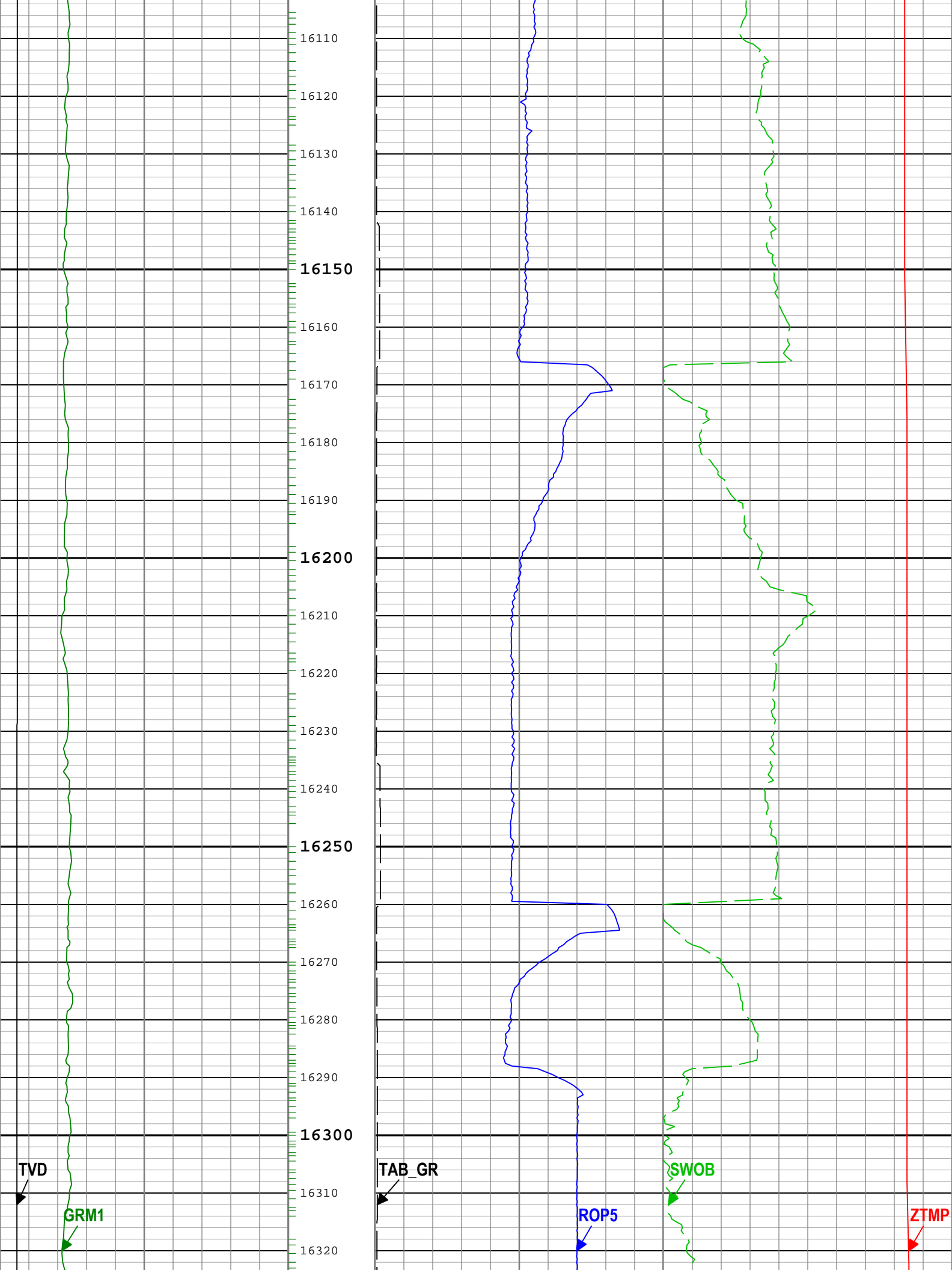


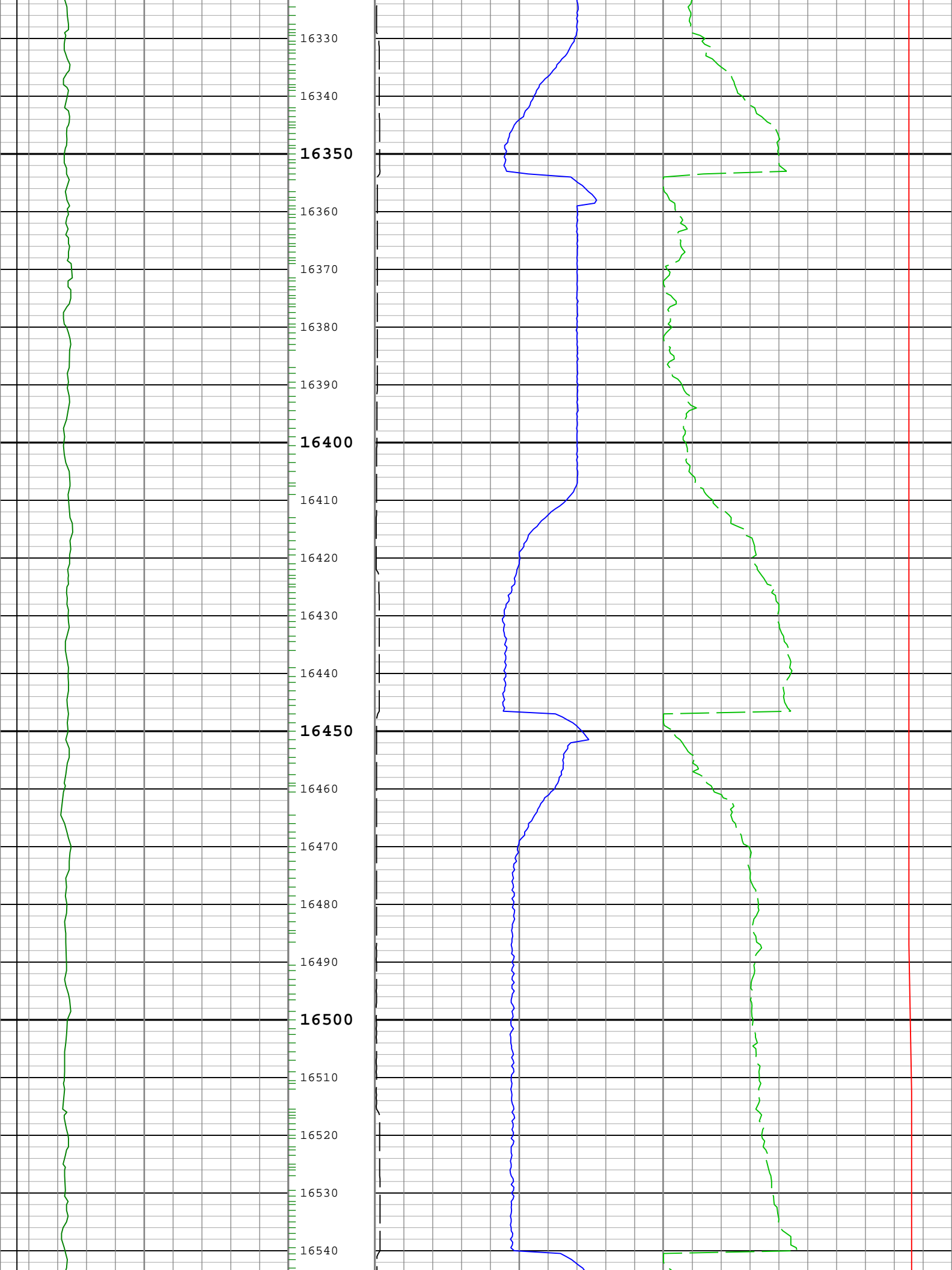


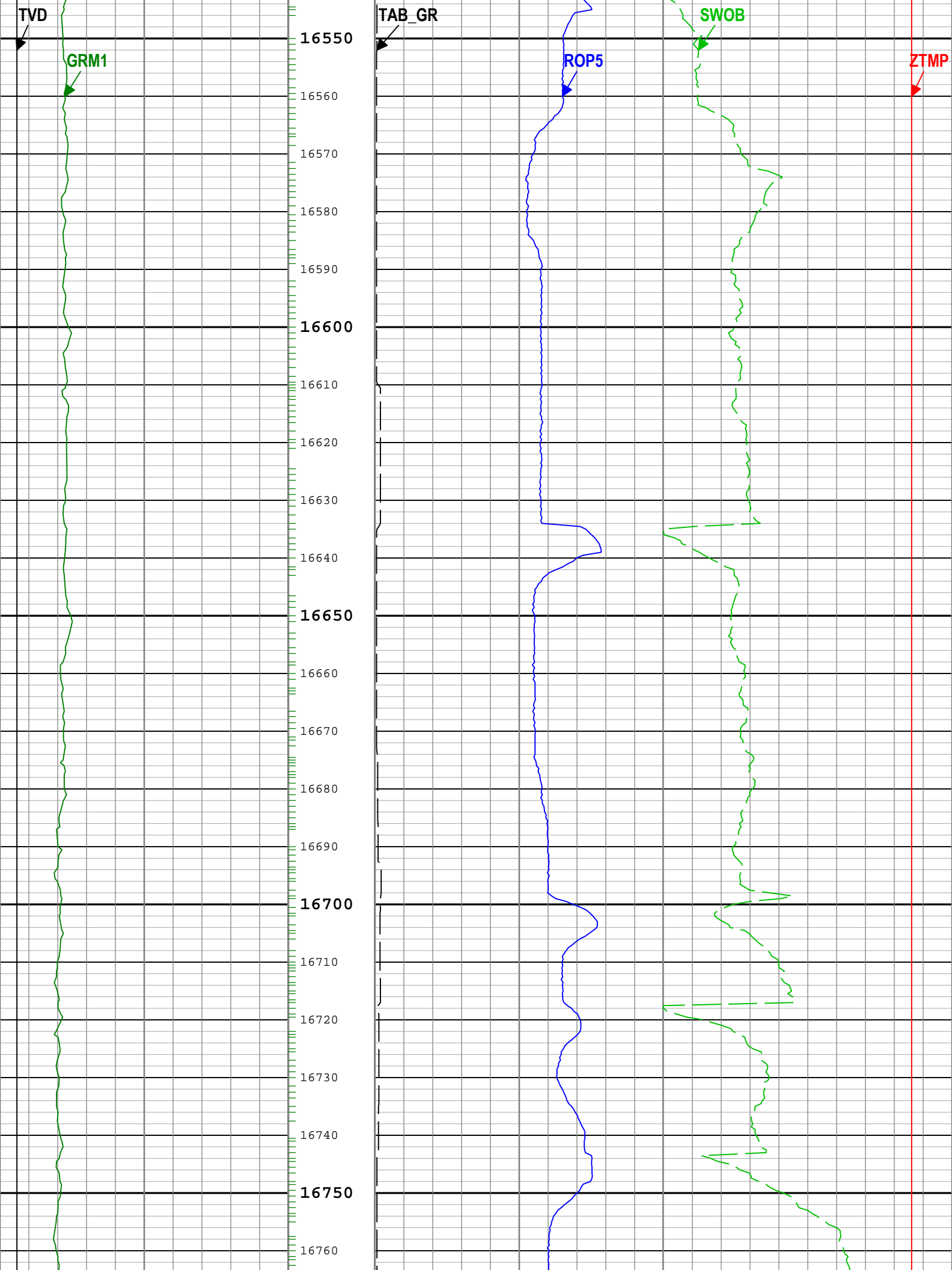


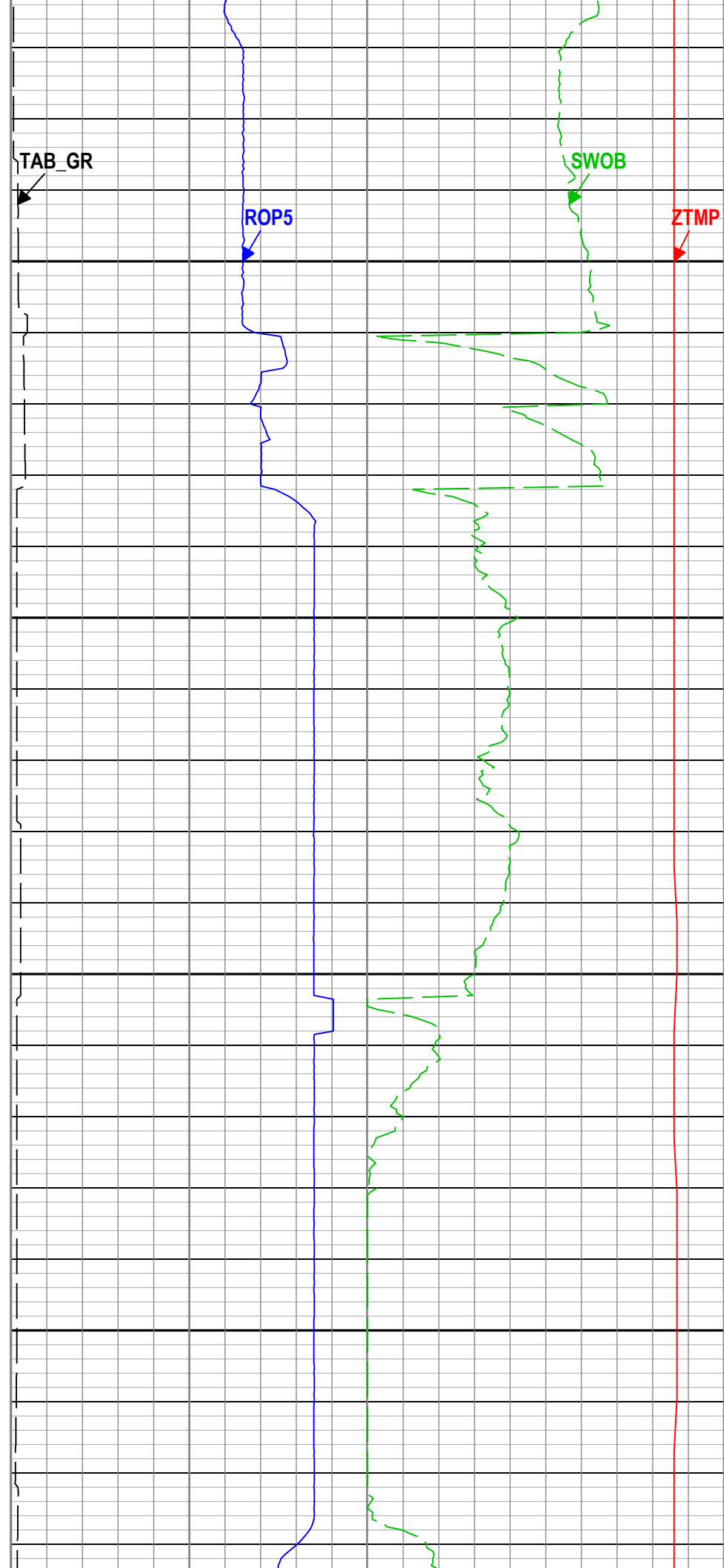
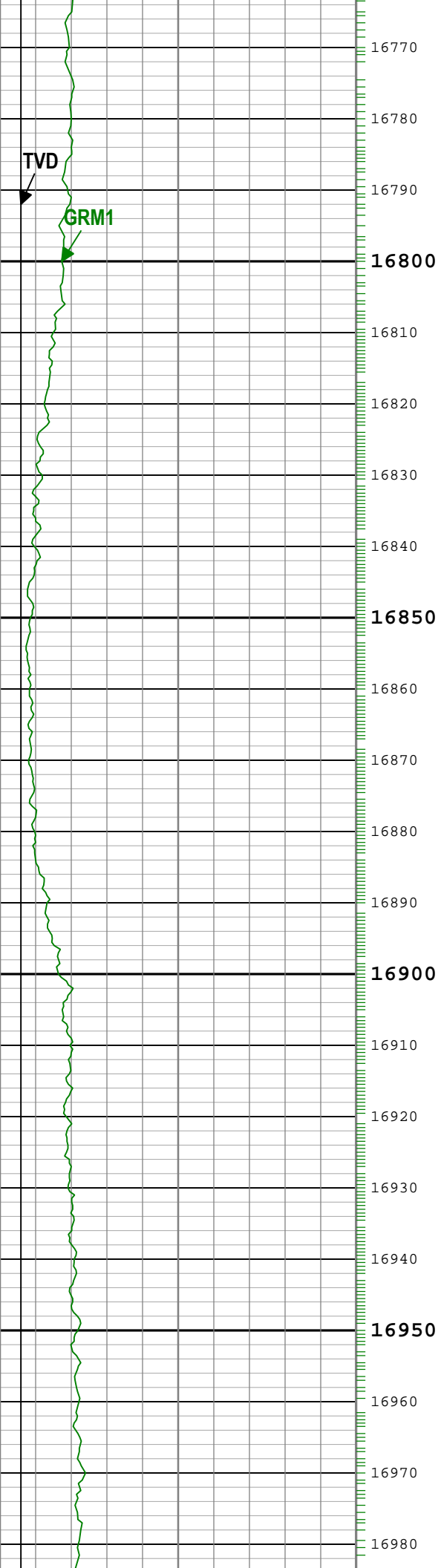


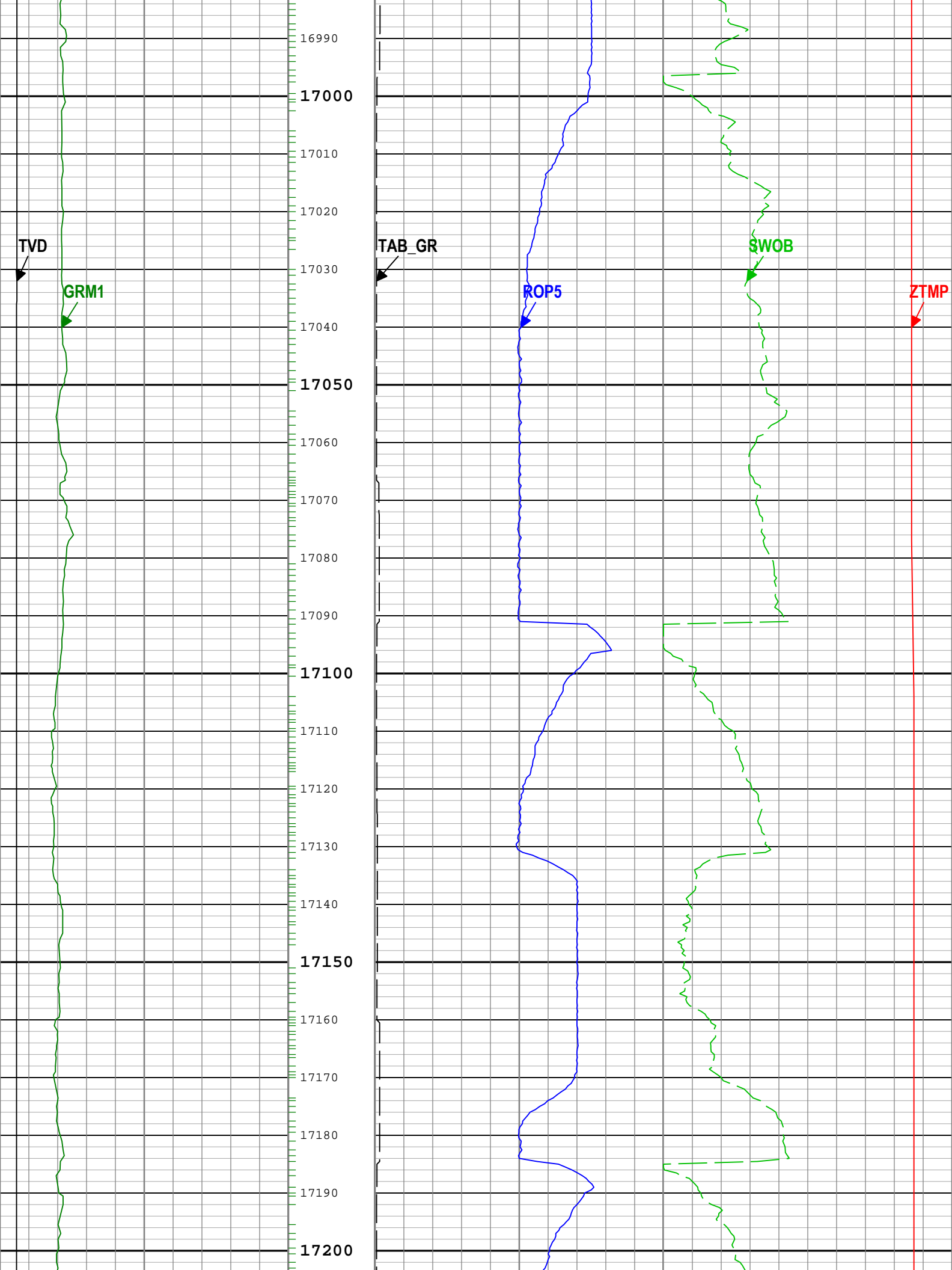


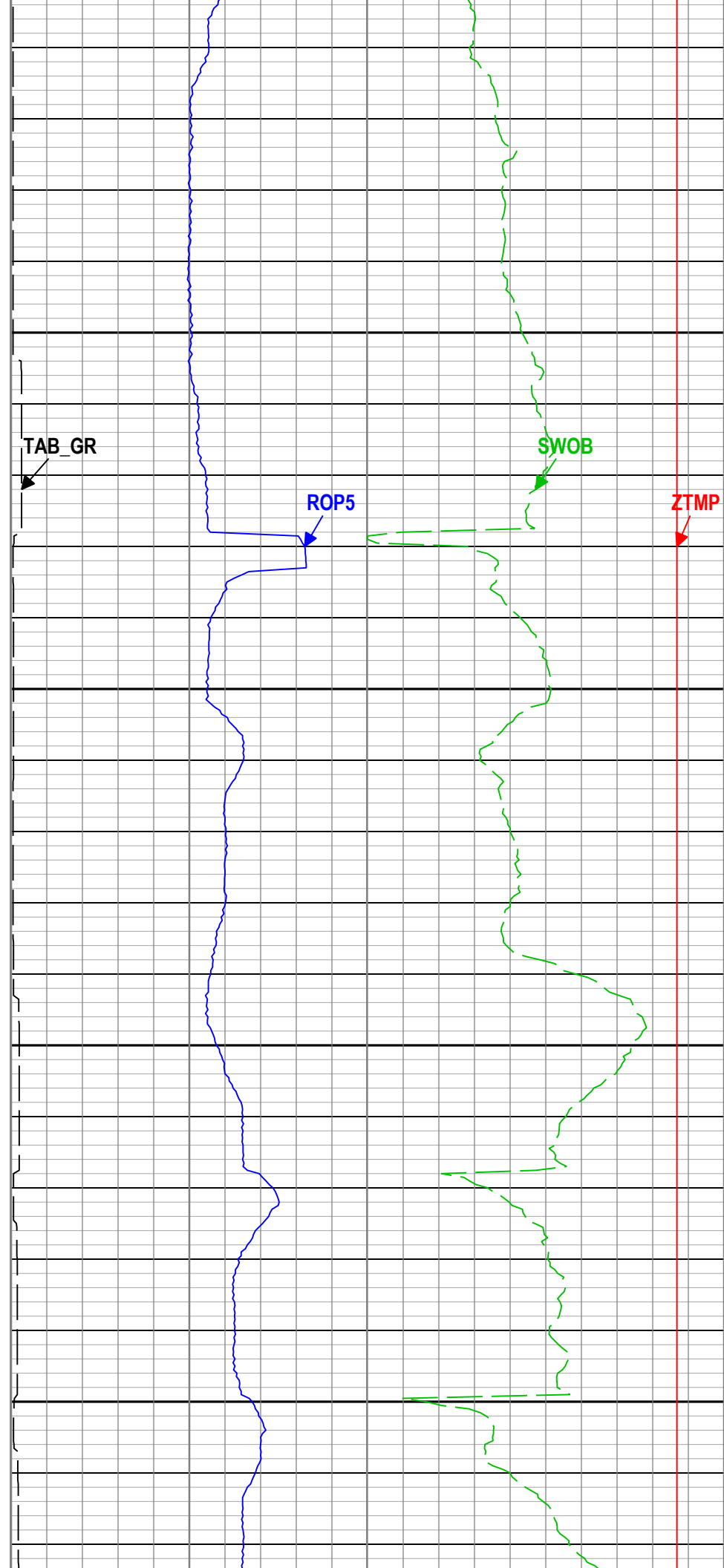
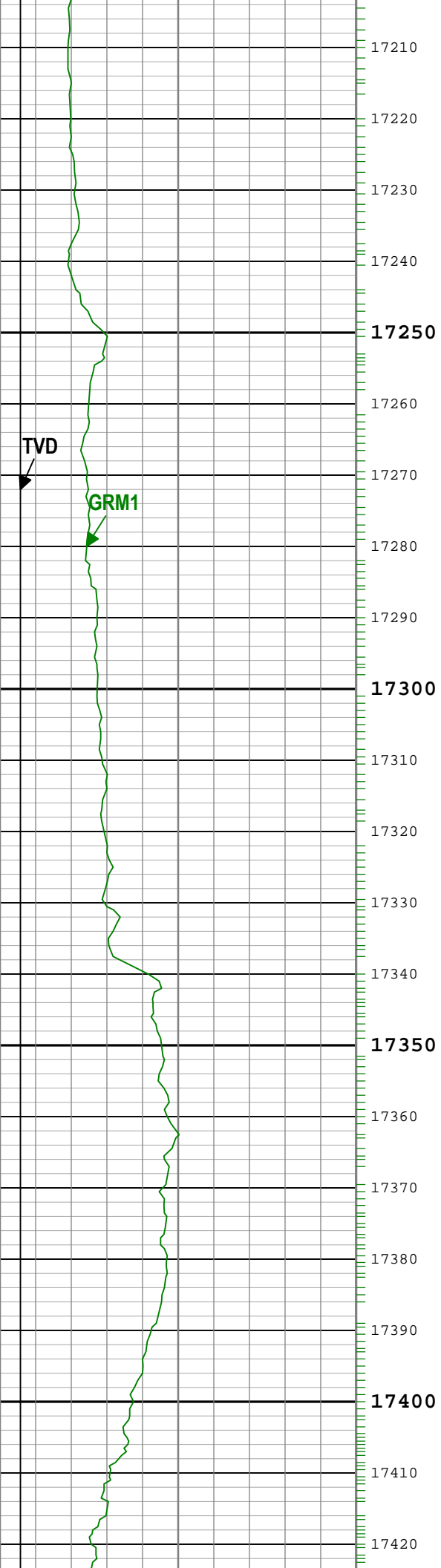


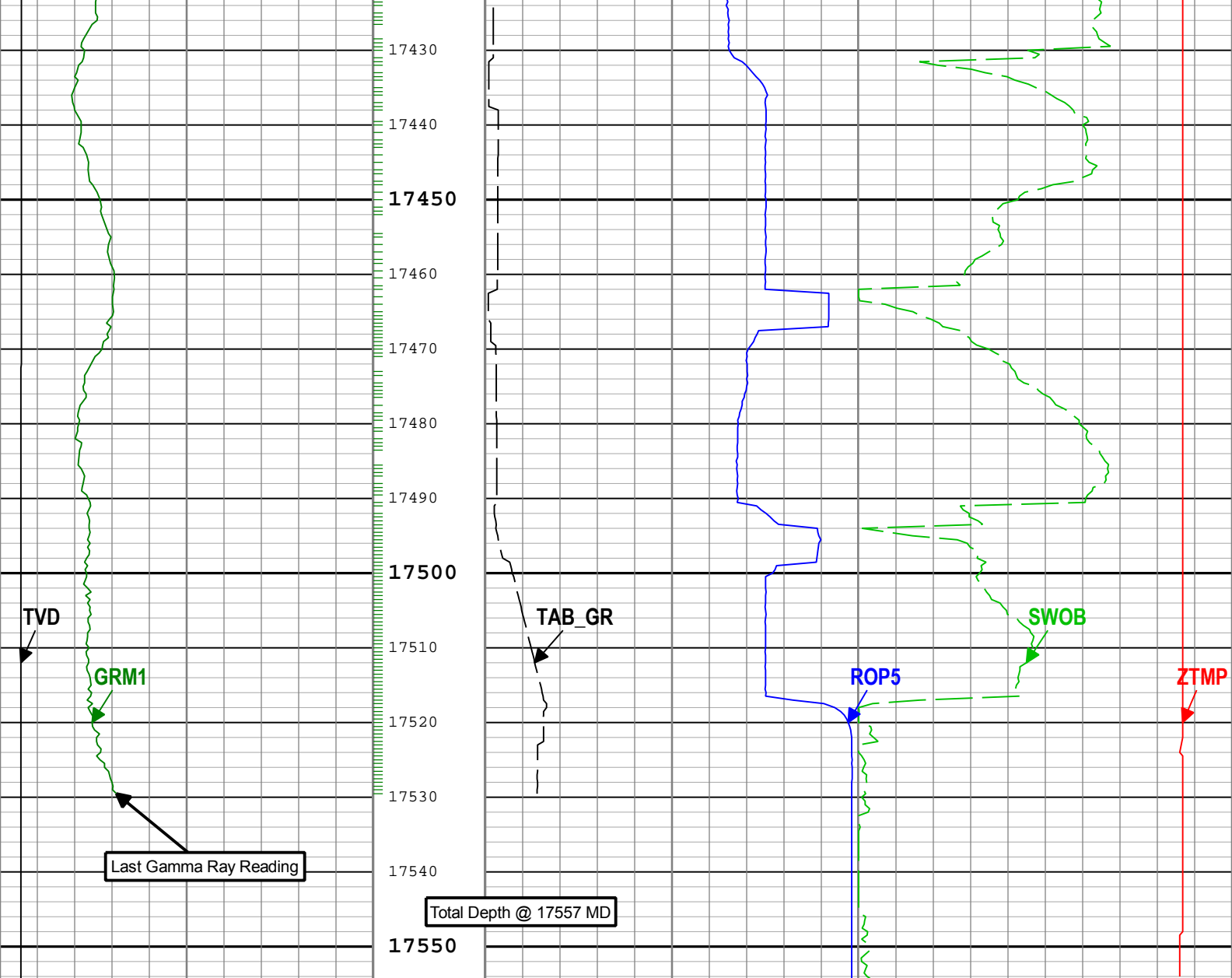












Gamma Ray (GRM1) Extreme[1] RT		Rate of penetration averaged over the last 5 ft (1.5 m) (ROP5) RT		Cartridge Temperature (ZTMP) Extreme[1] RT	
0	gAPI	300		0	degF
True Vertical Depth (TVD) RT		1000	ft/h	0	
7500	ft	1500		Surface Weight On Bit (SWOB) RT	
		Gamma Ray Time after Bit (TAB_GR) Extreme[1]		0	1000 lbf
		0	h	10	50

└ GRM1 - Gamma Ray Extreme[1] RT

Description: Extreme Gamma Ray 1 RT Format: Log (Extreme Gamma Ray 1 RT) Index Scale: 5 in per 100 ft Index Unit: ft Index Type: Measured
Depth Creation Date: 24-Jun-2019 19:43:46

Channel Processing Parameters				
Run001: Parameters				
Parameter	Description	Tool	Value	Unit
BS	Bit Size	DNMSESSION	Depth Zoned	in
DEPTH_SEL	Depth Selection Parameter	DNMSESSION	Driller's Depth	
DFD	Drilling Fluid Density	Borehole	9.4	lbm/gal

Run001Depth Zoned Parameters			
Parameter	Value	Start (ft)	Stop (ft)
BS	12.25	1803	1806

BS	8.5	1806	15452.58	
All depth are actual.				
Run002: Parameters				
Parameter	Description	Tool	Value	Unit
BS	Bit Size	DNMSESSION	8.5	in
DEPTH_SEL	Depth Selection Parameter	DNMSESSION	Driller's Depth	
DFD	Drilling Fluid Density	Borehole	10	lbm/gal
Tool Control Parameters				
Run001: Parameters				
Parameter	Description	Tool	Value	Unit
Run002: Parameters				
Parameter	Description	Tool	Value	Unit

Company: SRC Energy LLC

Well: Bost Farm 32C-11-L

Field: Wattenberg

County: Weld

State: Colorado

Country: United States of America



Schlumberger XEM Gamma Ray
5in/100ft Measured Depth
Real Time, Composite Log