

SlimPulse - Gamma Ray  
5 in / 100 ft Measured Depth  
Real-Time Log

Schlumberger

Real-Time Log

Company: Noble Energy Inc.

Well: NUGENT LD06-665

Field: Wildcat

County: Weld

State: Colorado

Country: United States of America

Section: 5 UWID: 05-123-40808

Township: 9N Rig Name: Helmerich & Payne 517

Range: 58W Rig Type: Land - Top Drive

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

FL1: Northing: 1,531,566;373 ftUS

FL2: Easting: 3,448,532.706 ftUS

Log Measured From: - Drill Floor: 4791.00 ft  
Ground Level: 4761.00 ft

Permanent Datum: - Mean Sea Level

Acquisition Dates: 23-Jul-2016

Log Interval: 1940.67(ft) -- 6276.50(ft)

Index Types: Measured Depth

Index Scales: 1:240 5" / 100'

Depth Source: Driller's Depth

Depth Sensor: 3rd Party Depth

Print Type: Field

Spud Date: 21-JUN-2016

Other Services:

Directional Drilling

Direction and Inclination

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.

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Well Composite

Software Version

Acquisition System

Maxwell 2016 SP2

Version

6.2.64464.3100

Composite Summary

Run Name	Pass Objective	Direction	Top	Bottom	Start	Stop	Include Parallel Data
RUN001	Drilling	Down	1940.67 ft	2024.50 ft	23-Jul-2016 2:37:36 AM	23-Jul-2016 4:21:36 AM	Yes
RUN002	Drilling	Down	2023.67 ft	5100.17 ft	23-Jul-2016 7:39:27 AM	24-Jul-2016 5:23:26 AM	Yes
RUN003	Drilling	Down	5099.25 ft	5679.25 ft	24-Jul-2016 5:51:36 AM	25-Jul-2016 1:52:03 PM	Yes
RUN004	Drilling	Down	5678.67 ft	6276.50 ft	25-Jul-2016 11:25:29 PM	26-Jul-2016 2:45:04 PM	Yes
RUN005	Drilling	Down	6275.58 ft		26-Jul-2016 5:44:20 PM		No

All depths are referenced to toolstring zero

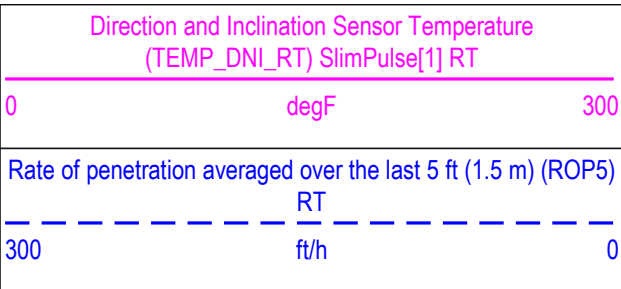
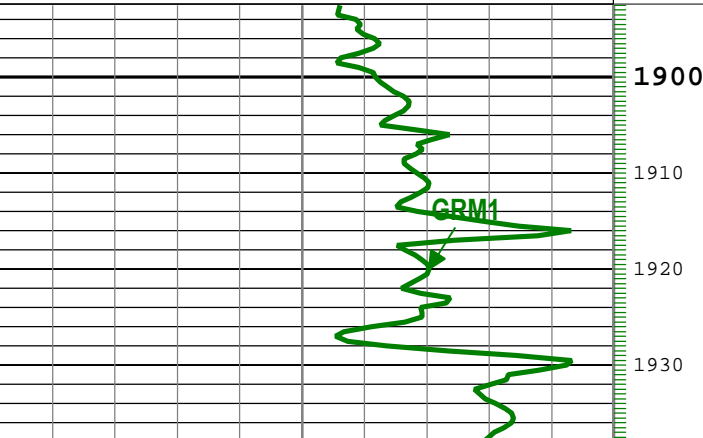
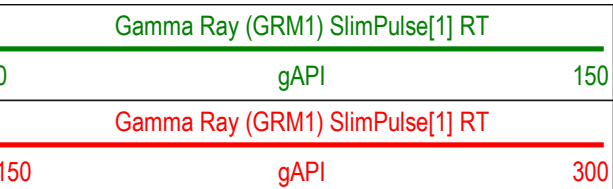
Log

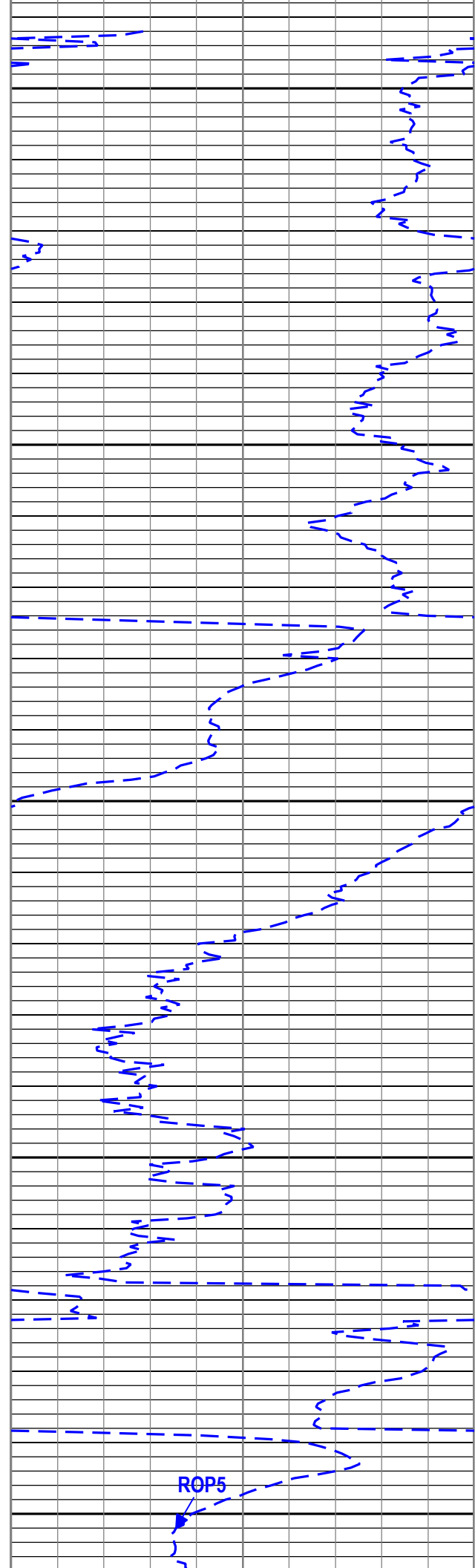
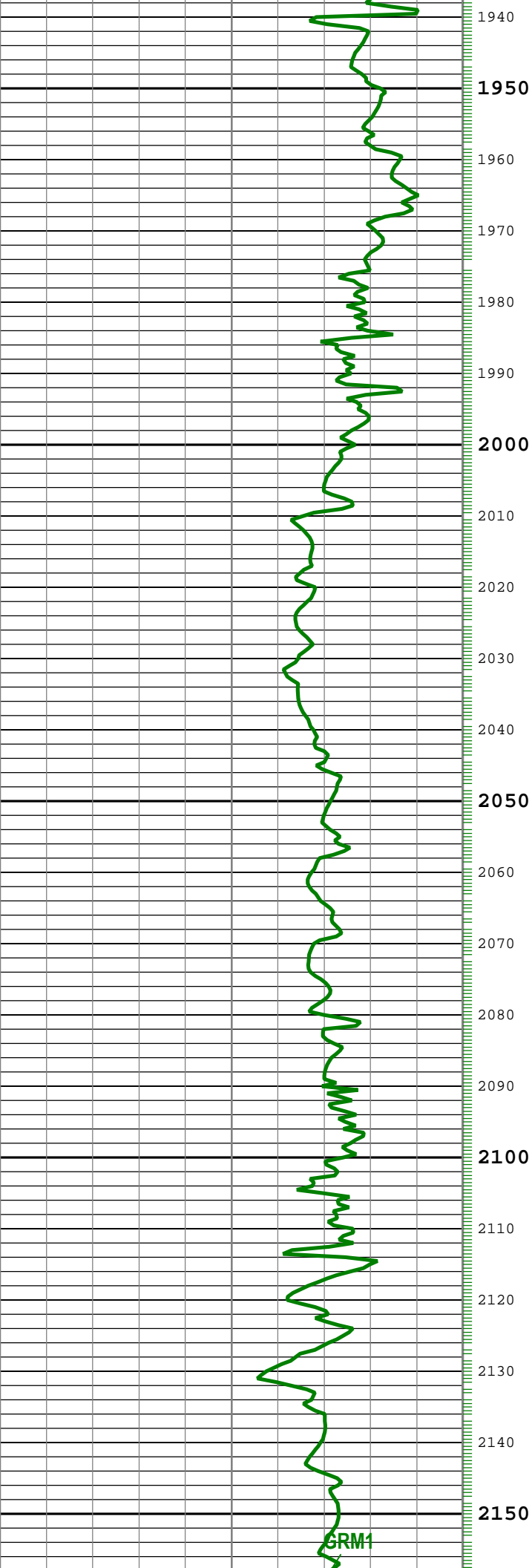
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Well Composite:S367

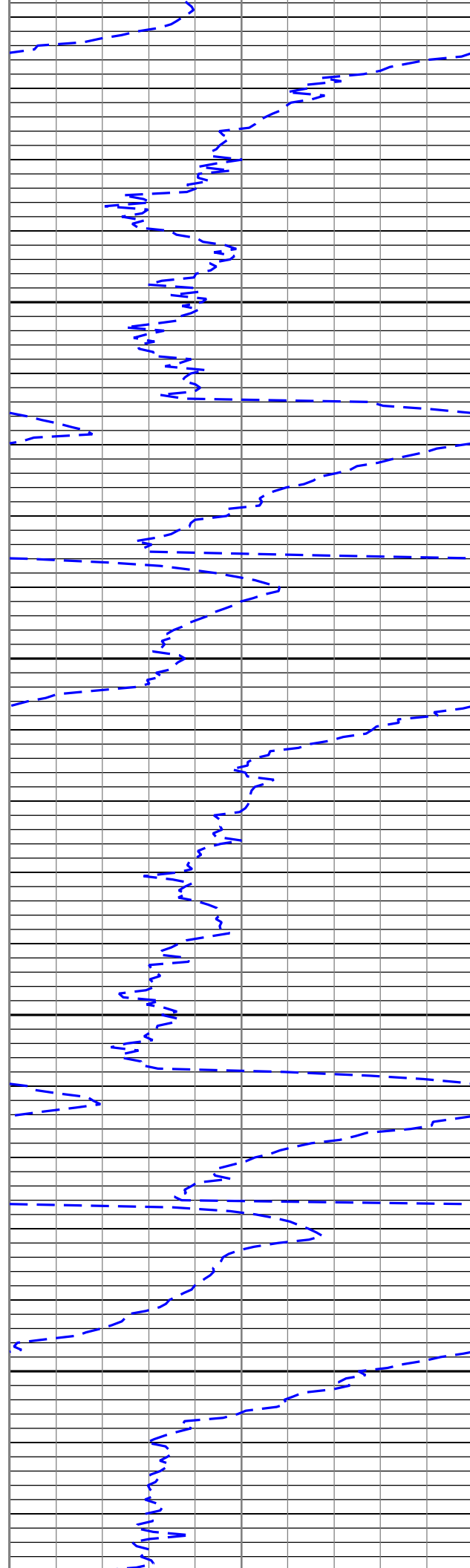
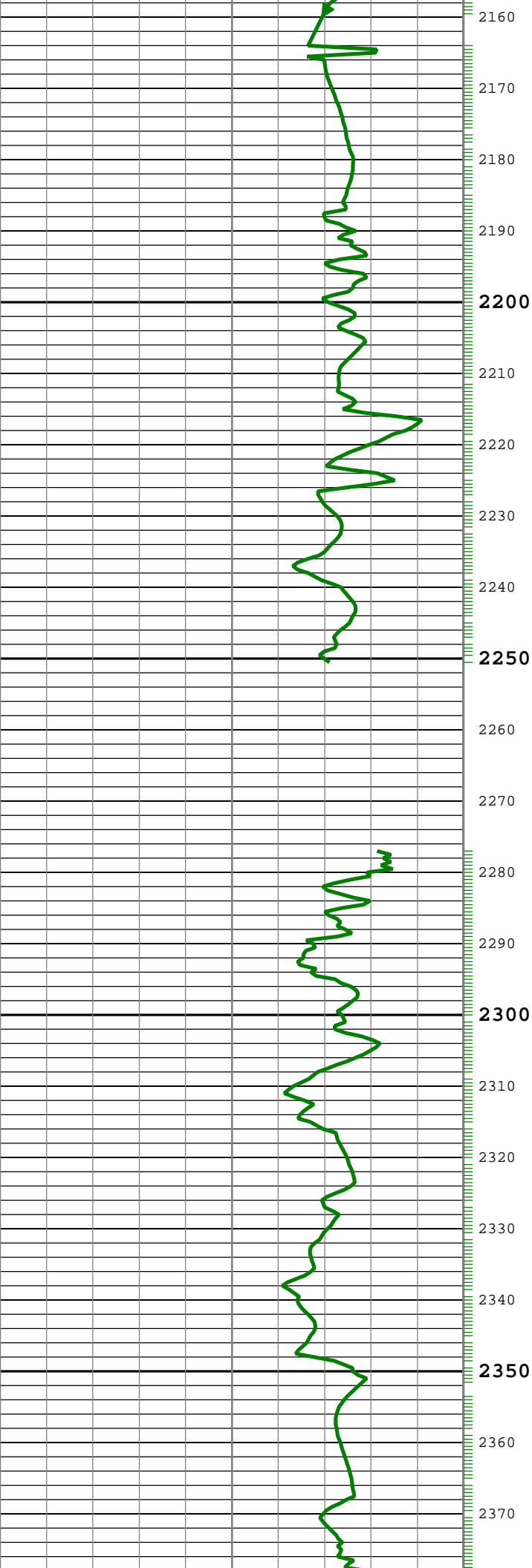
Description: SlimPulse Gamma Ray 1    Format: Log ( 5 in MD SlimPulse Gamma Ray RT )    Index Scale: 5 in per 100 ft    Index Unit: ft    Index Type: Measured Depth    Creation Date: 29-Jul-2016 20:33:06

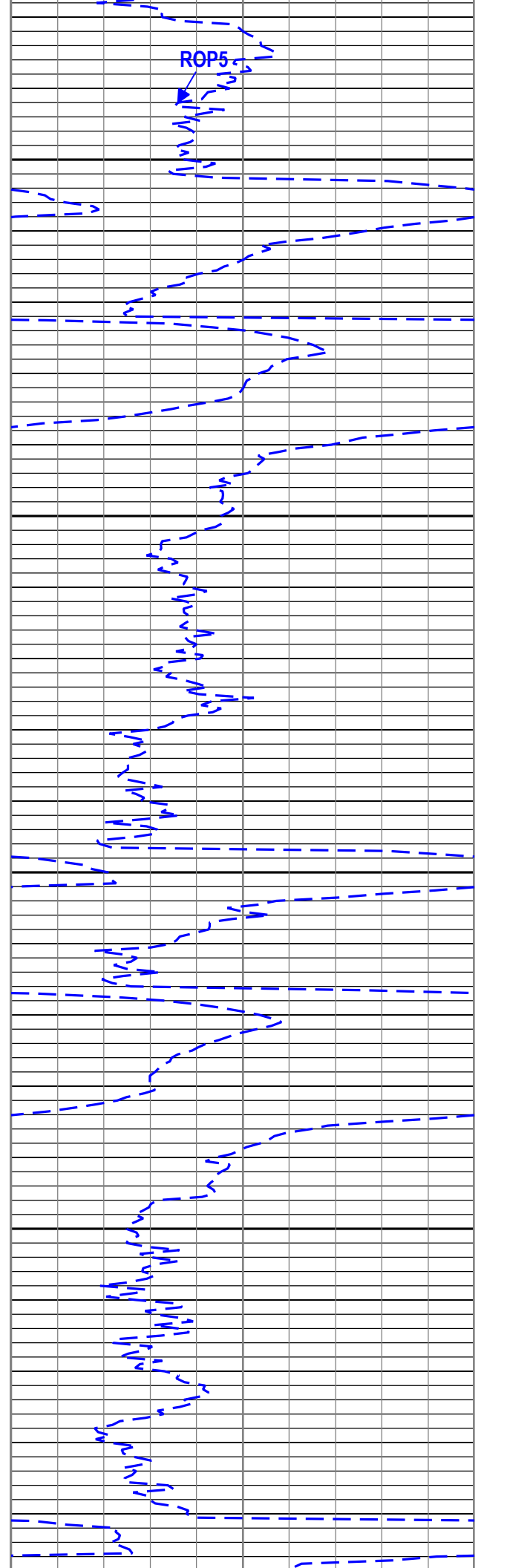
Channel	Source	Sampling
GR	SlimPulse[1]:SlimPulse[1]:SPEC[1]	6in - RT
ROP5	DRILLING_SURFACE	6in - RT
TEMP_DNI	SlimPulse[1]:SlimPulse[1]	6in - RT

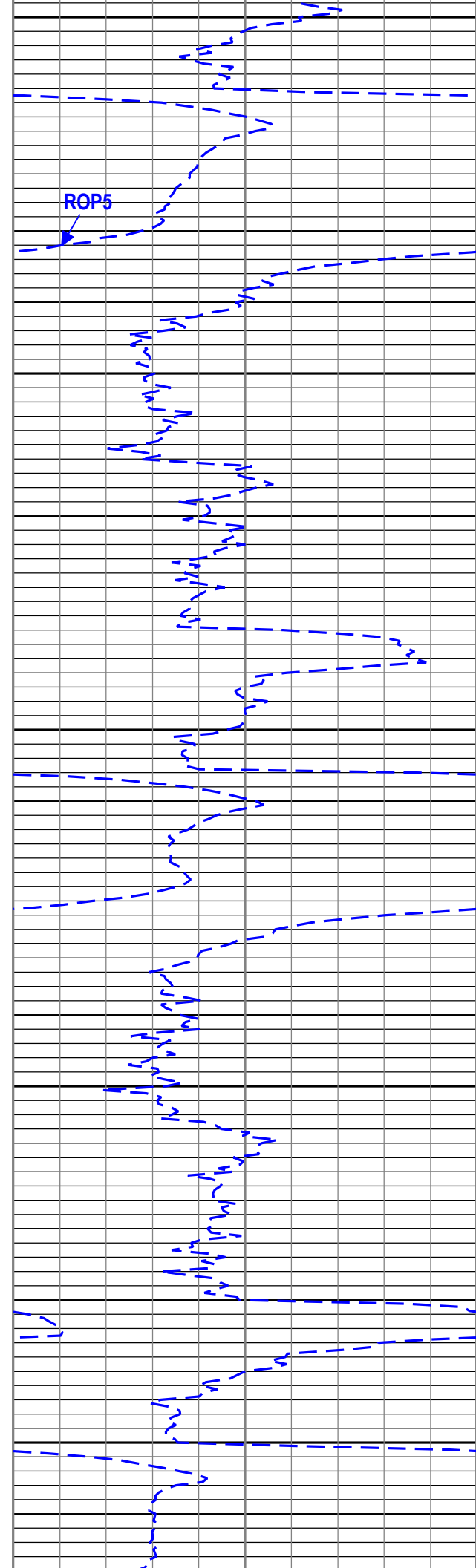
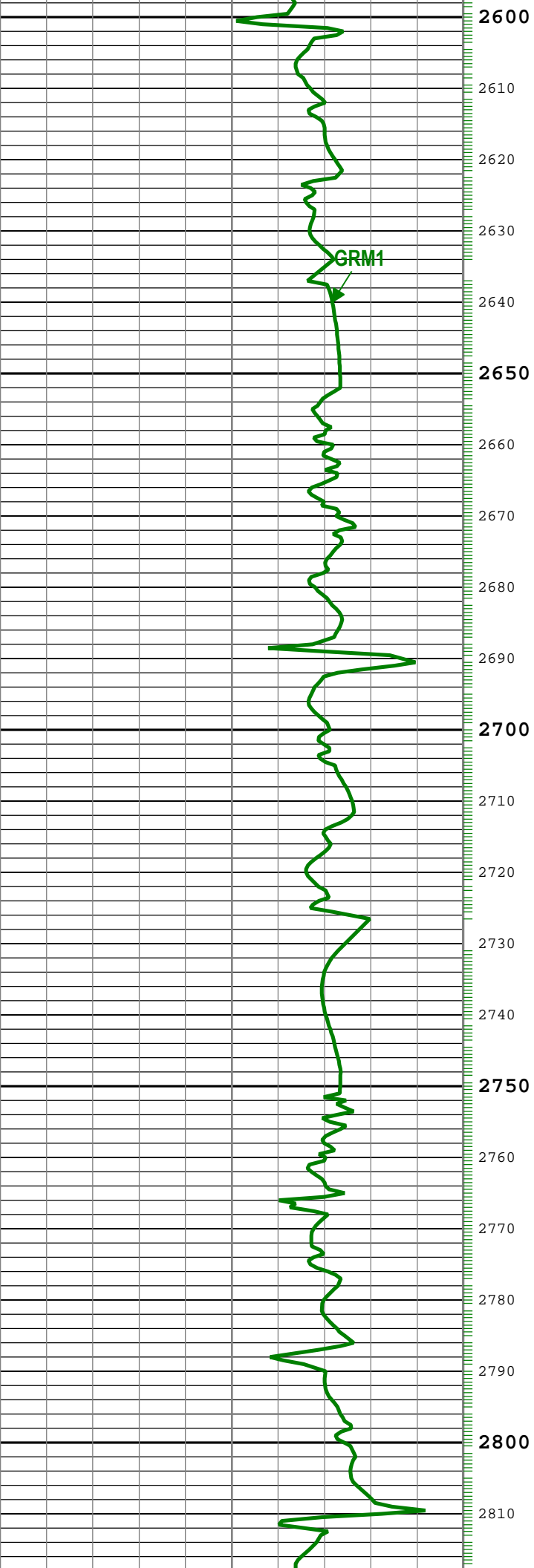
GRM1 - Gamma Ray SlimPulse[1] RT

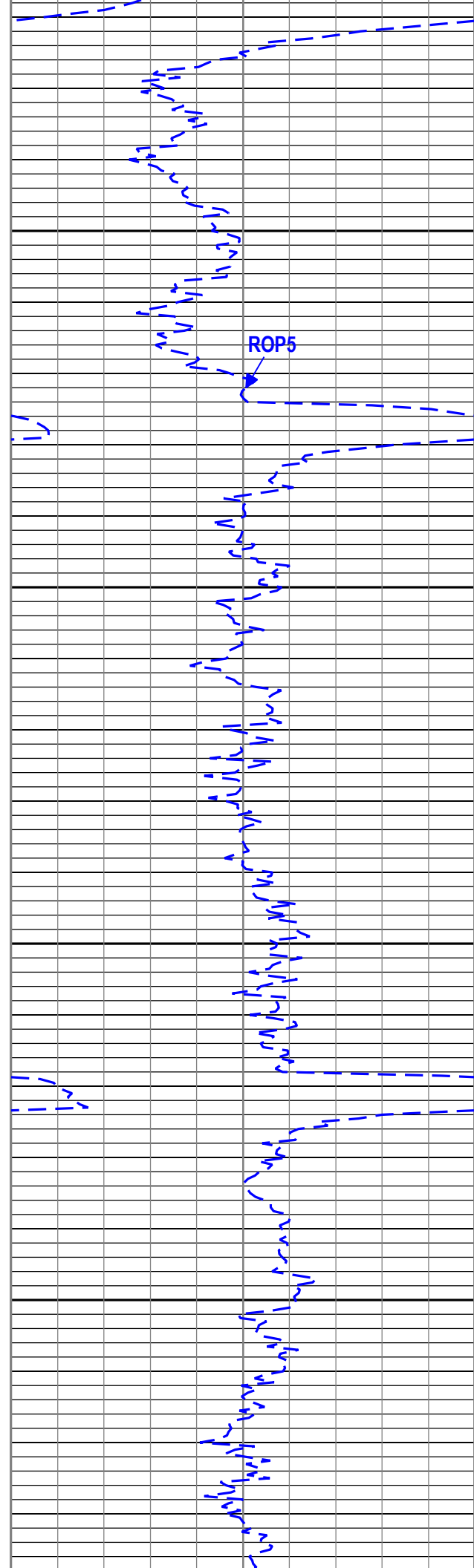
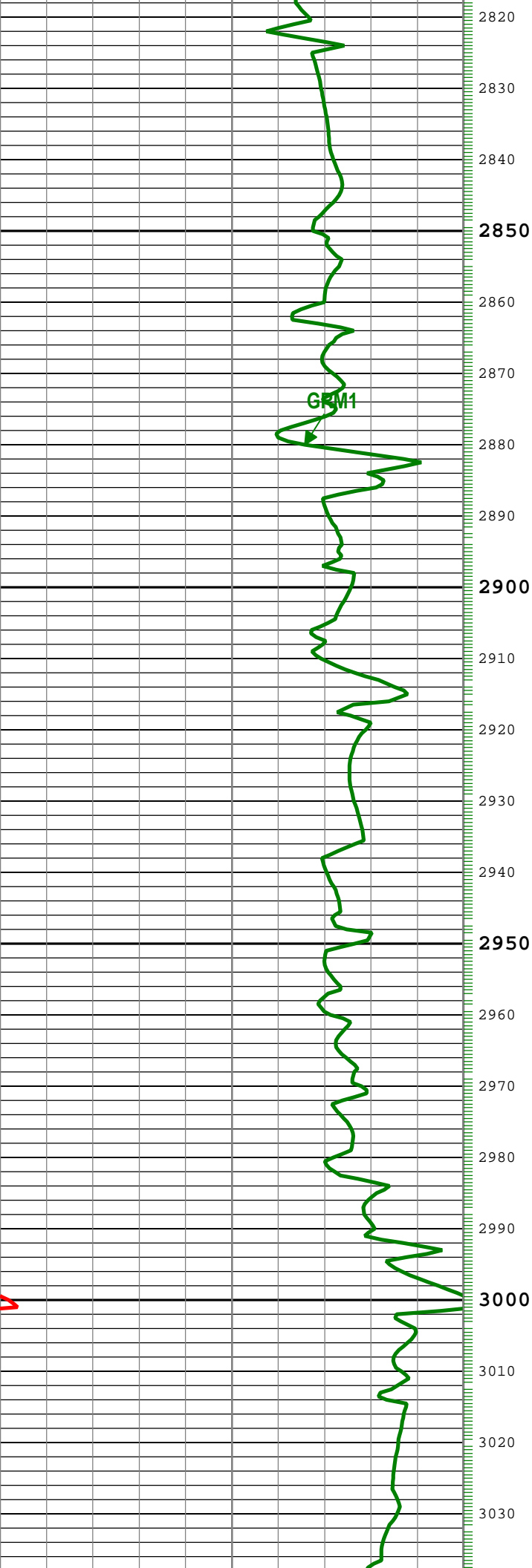


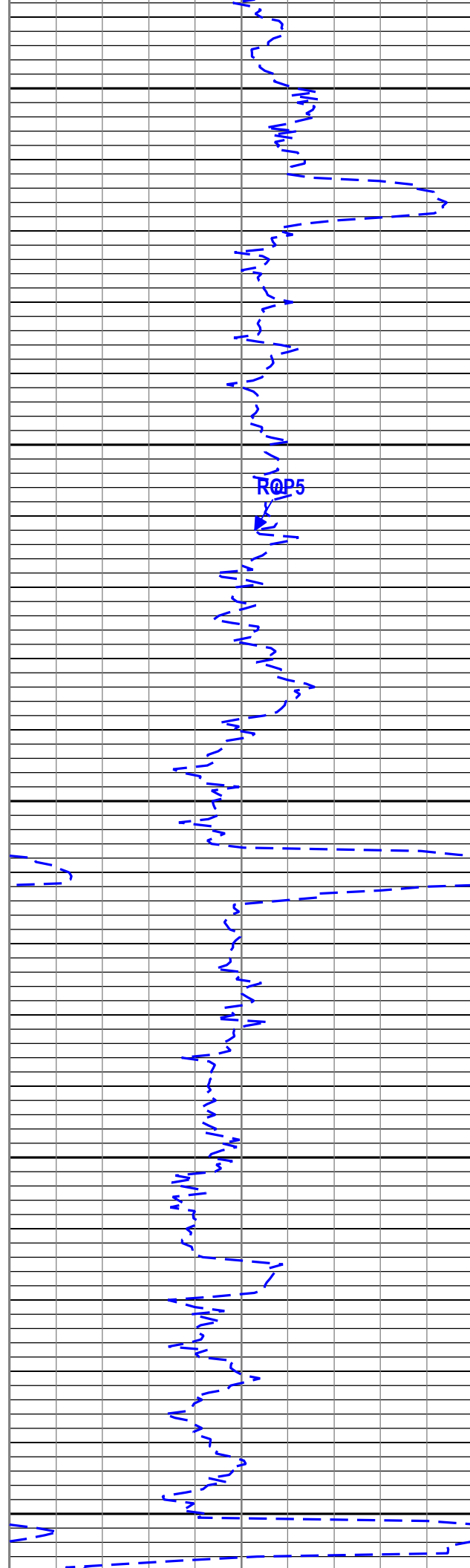




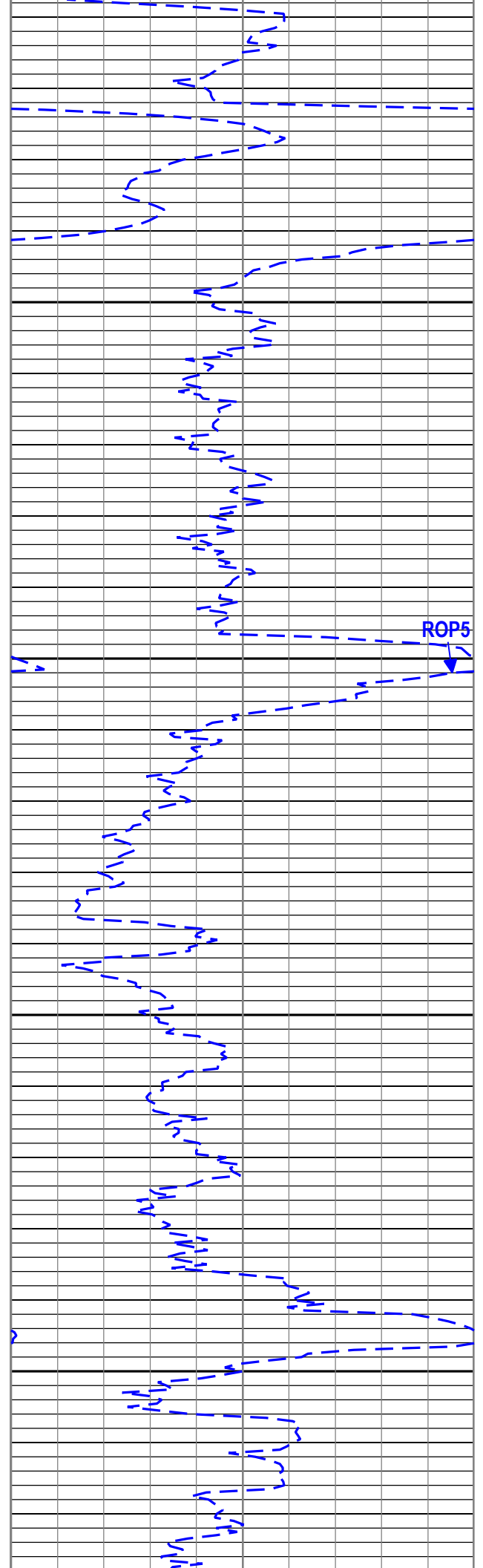
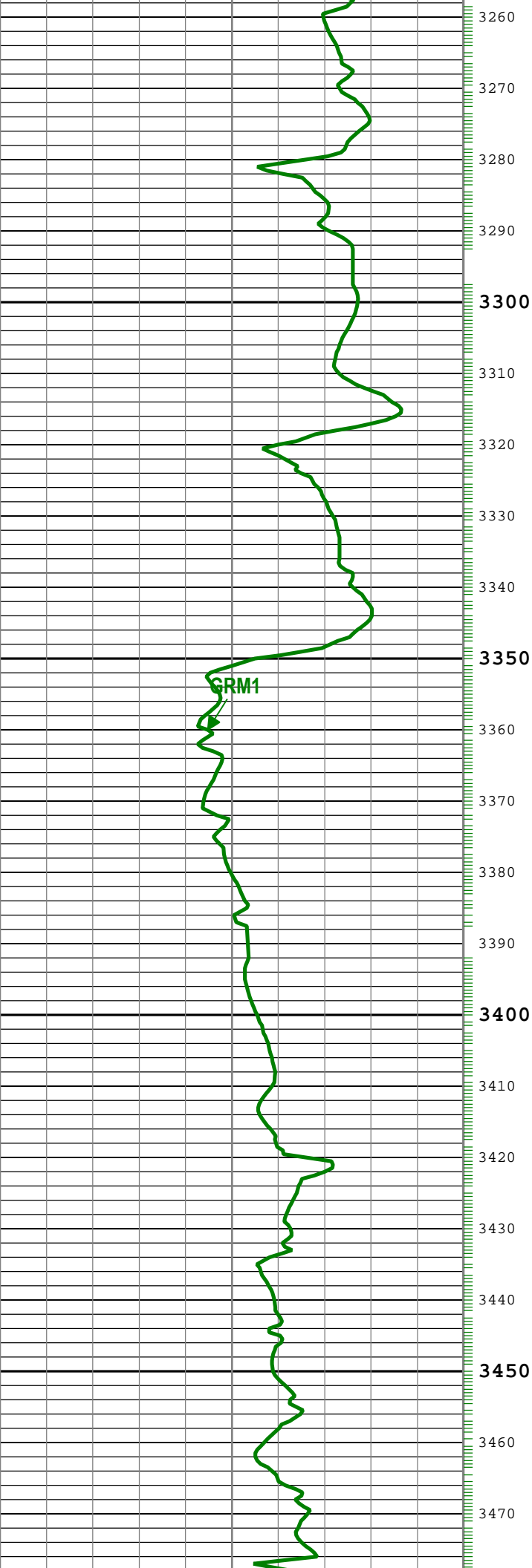


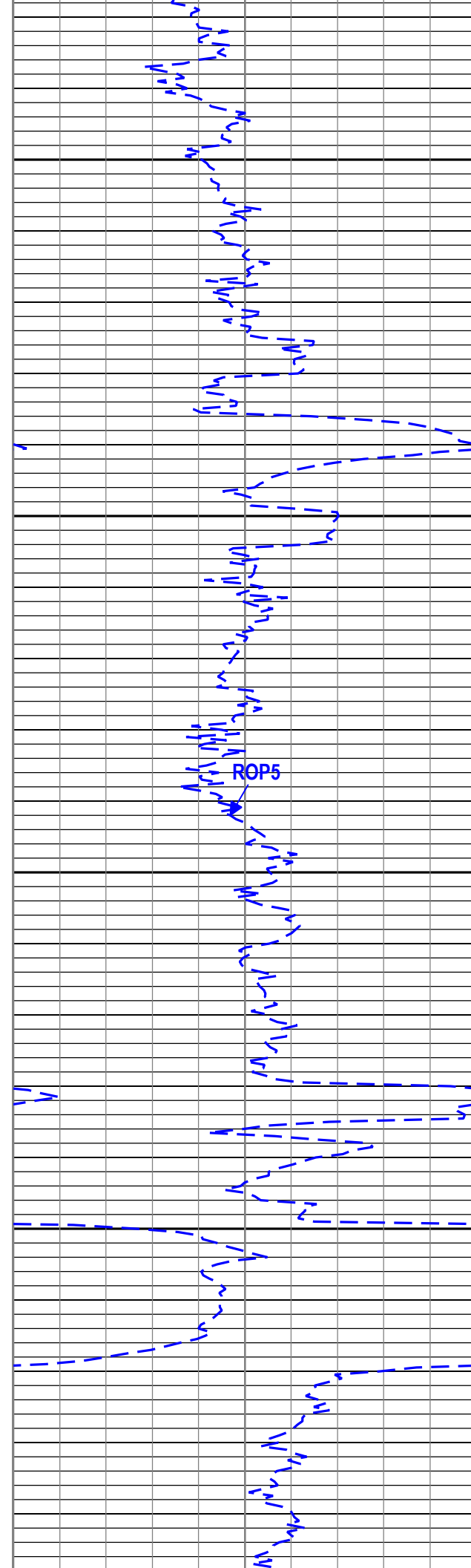
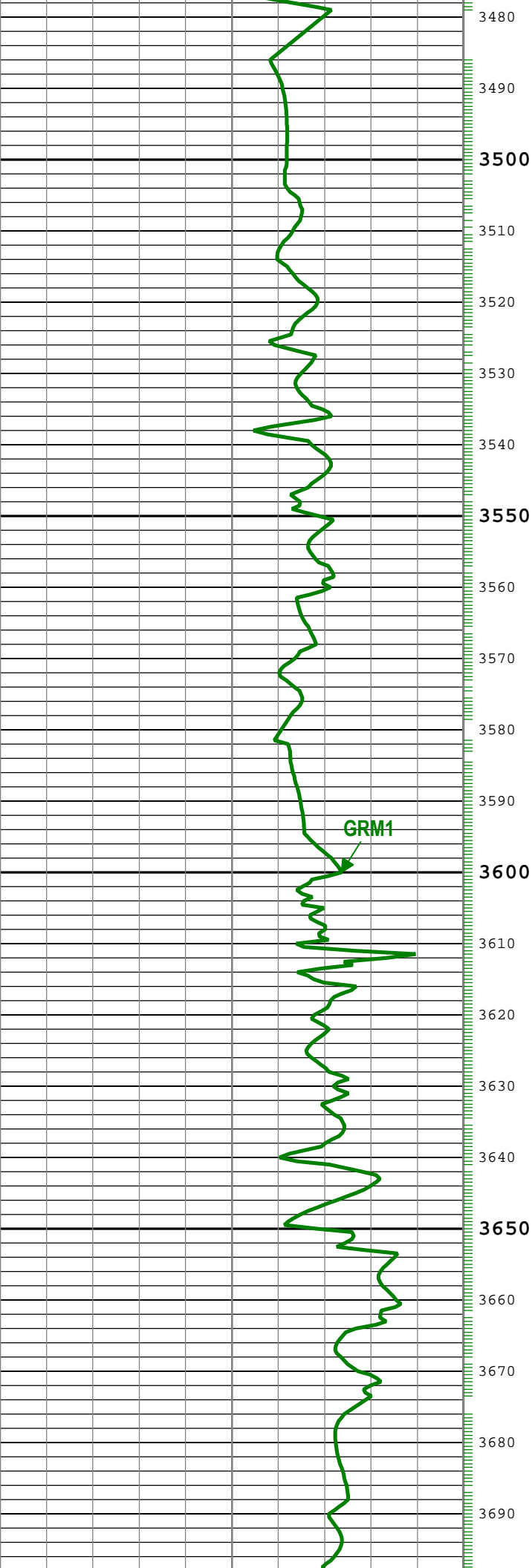


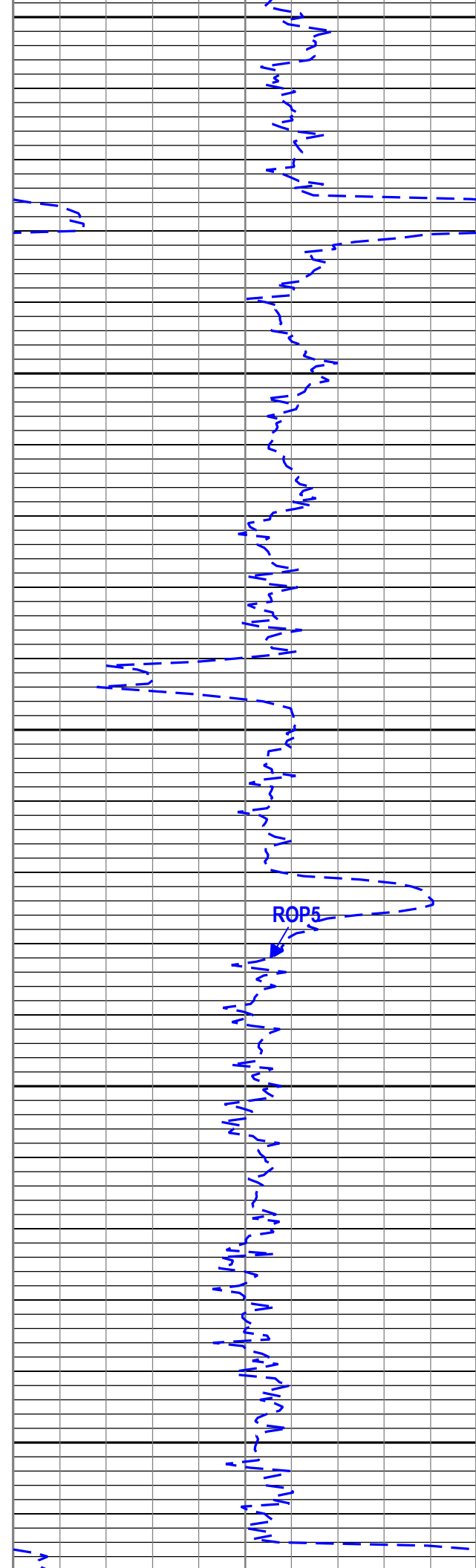
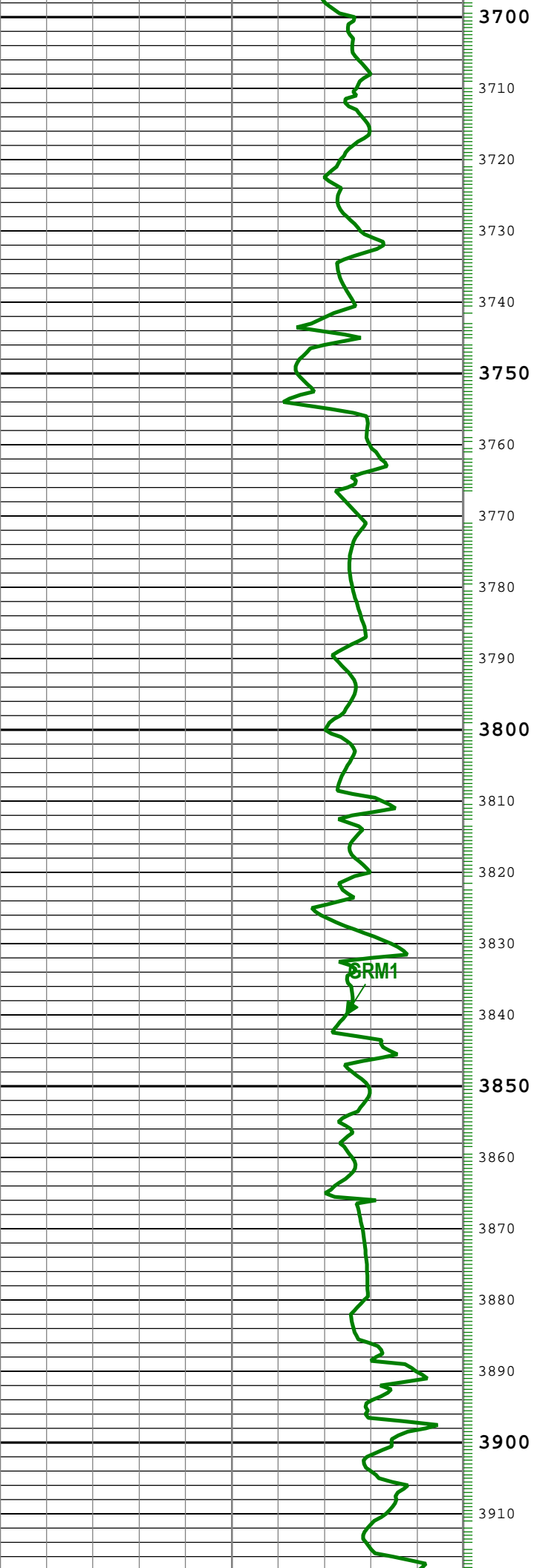


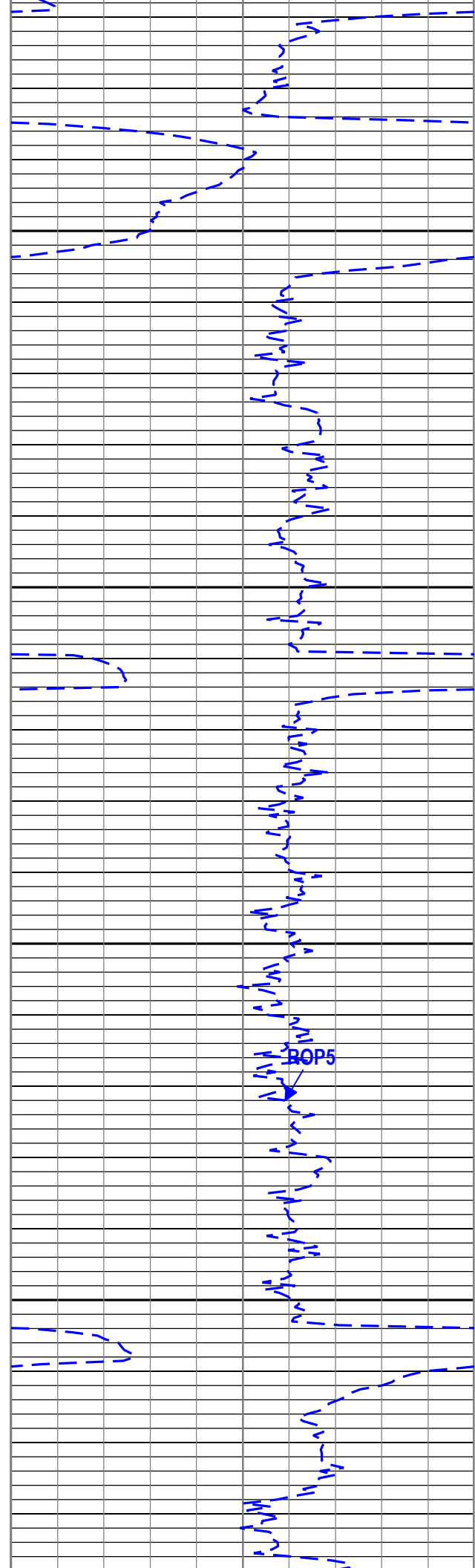


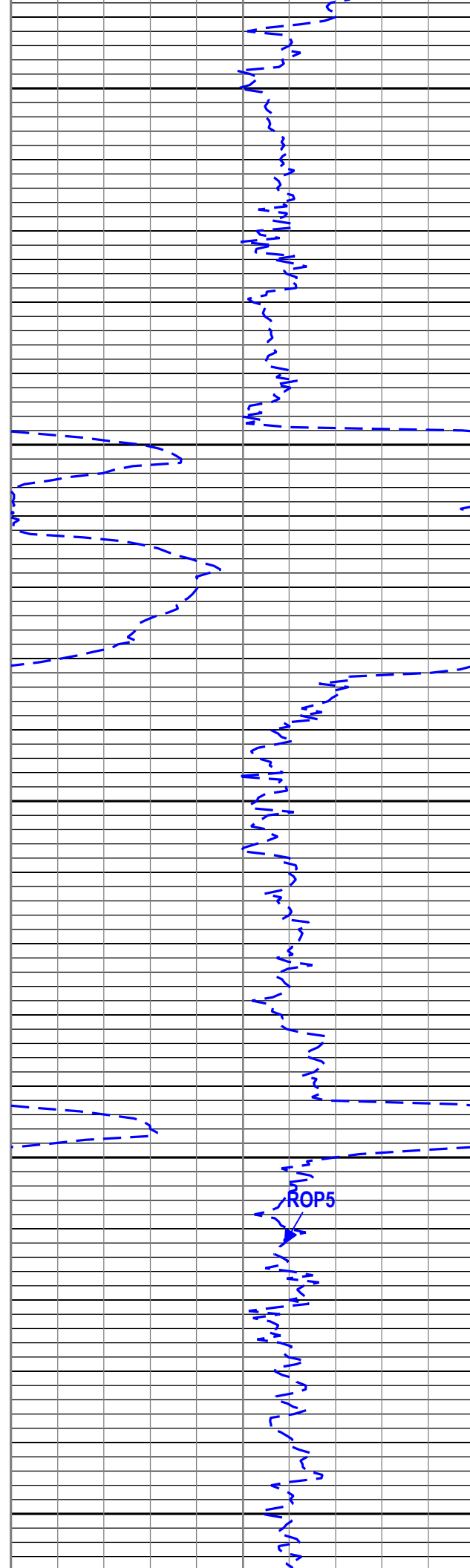
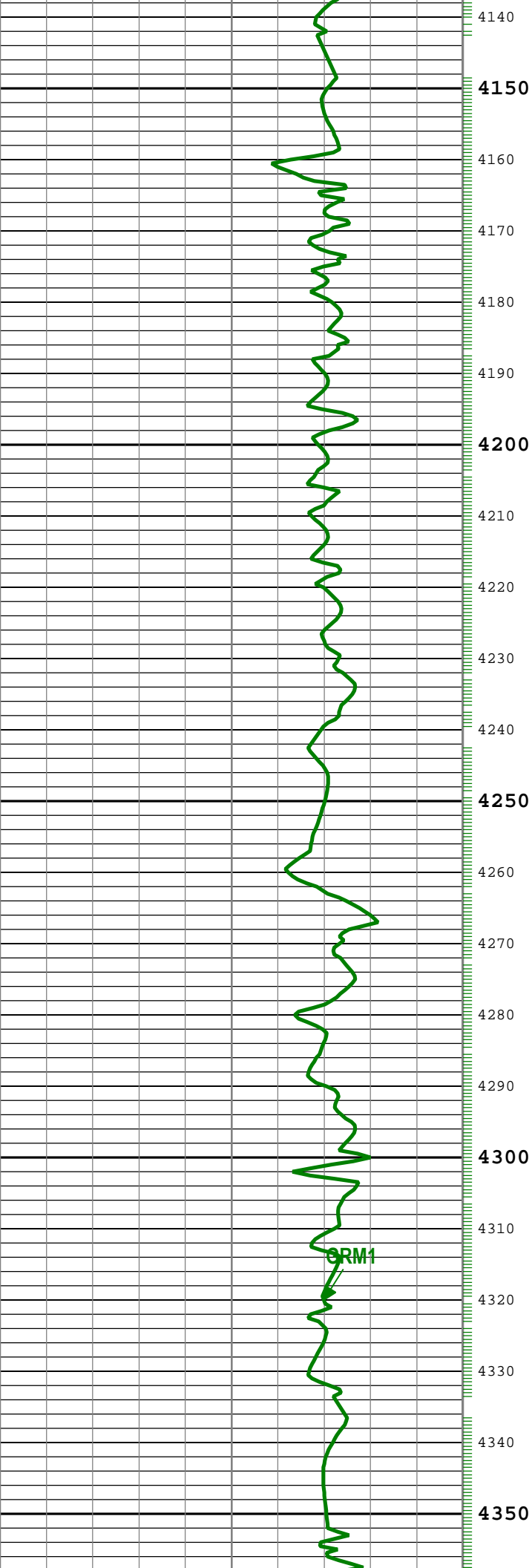


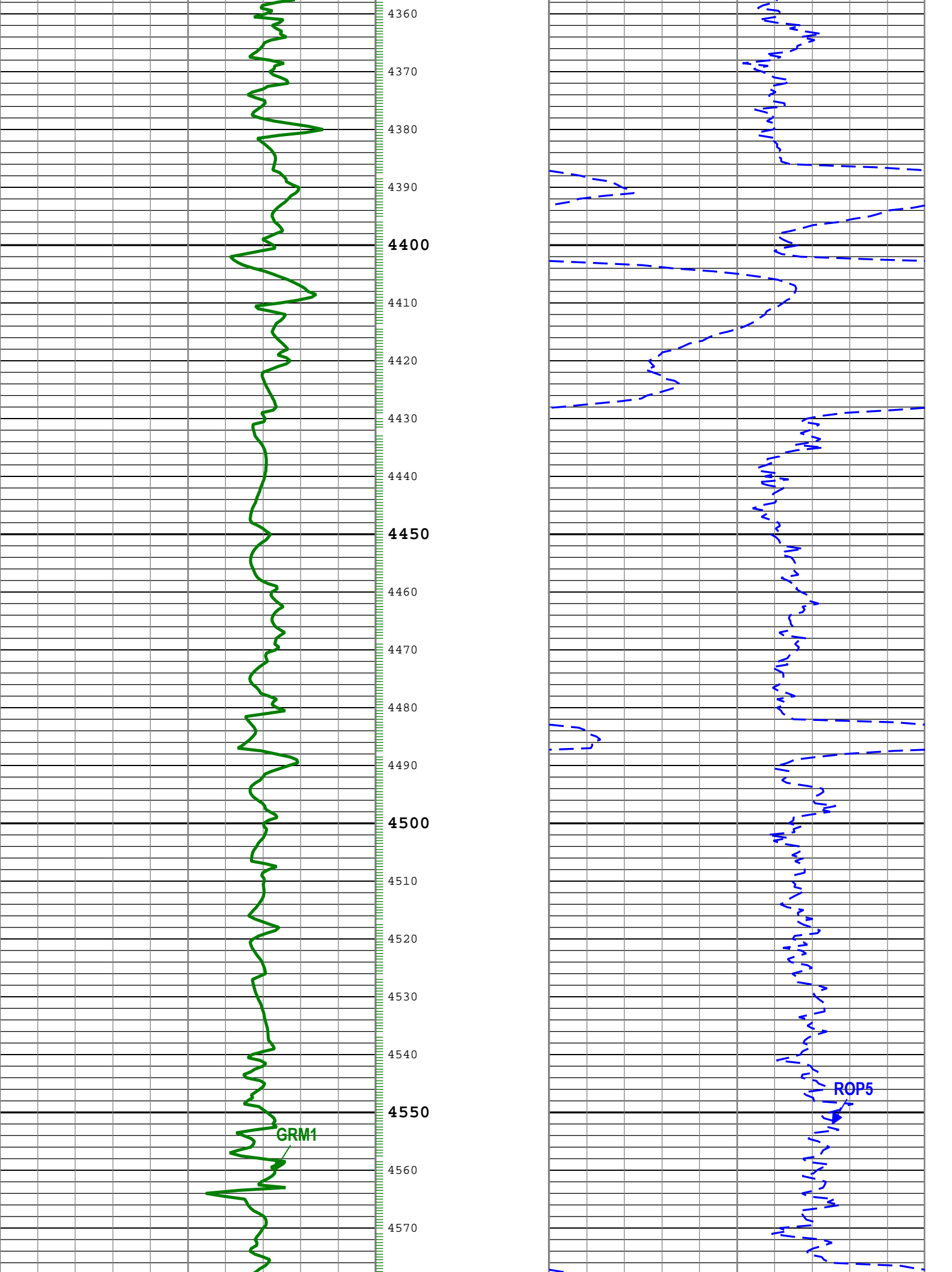


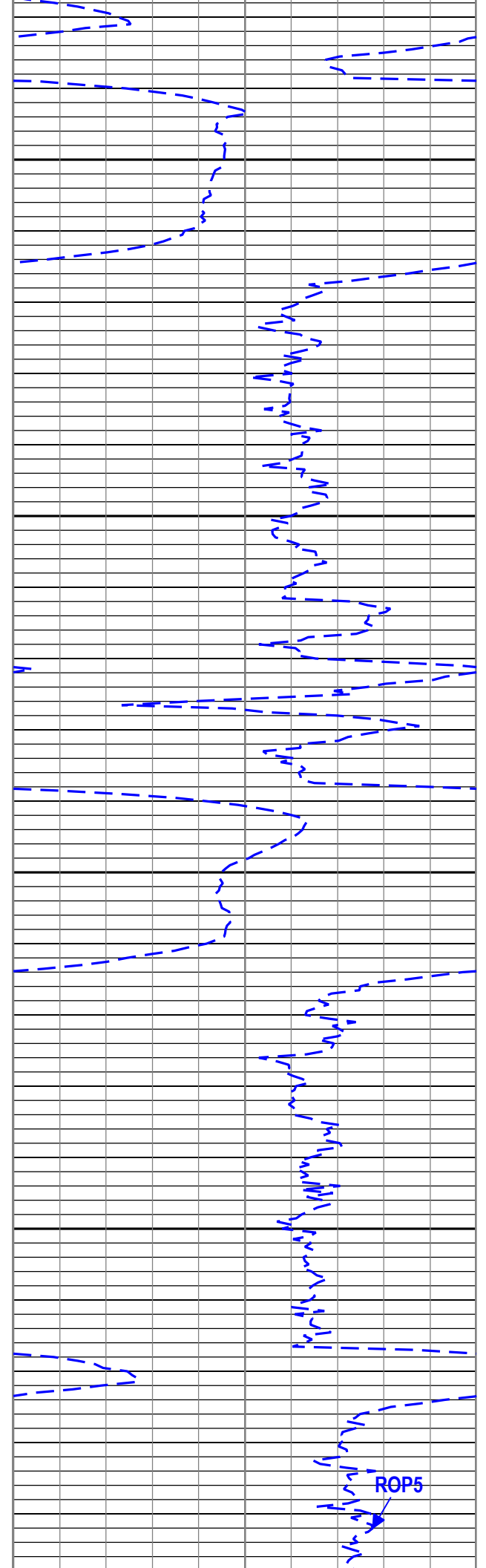
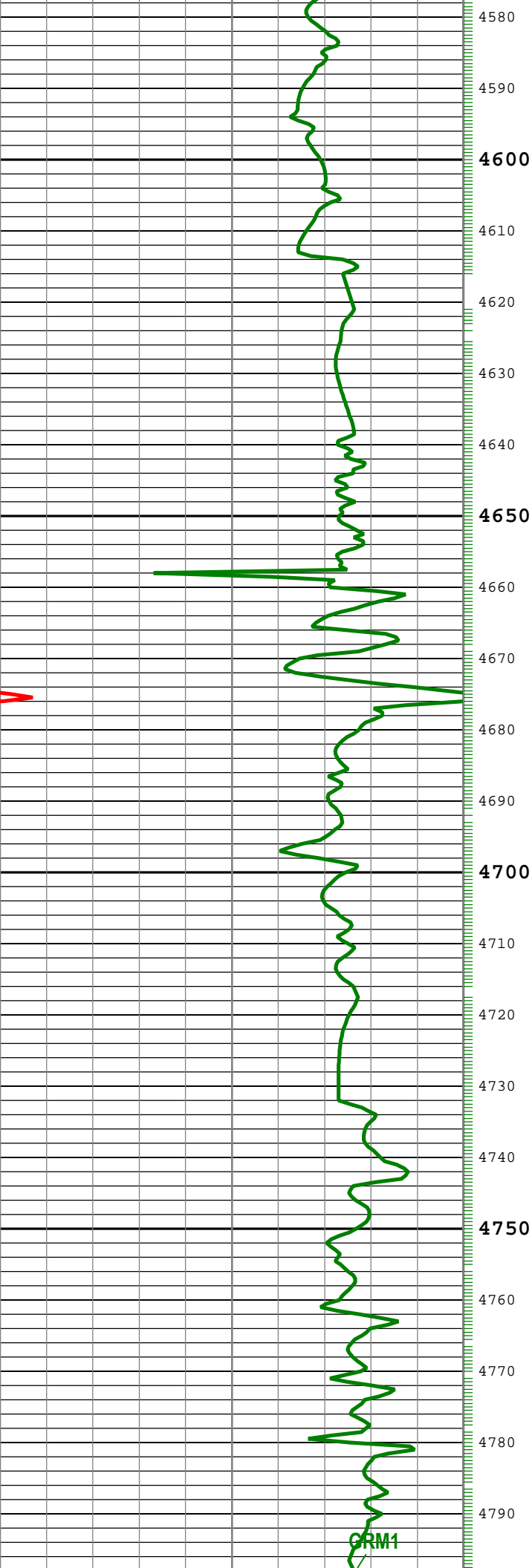


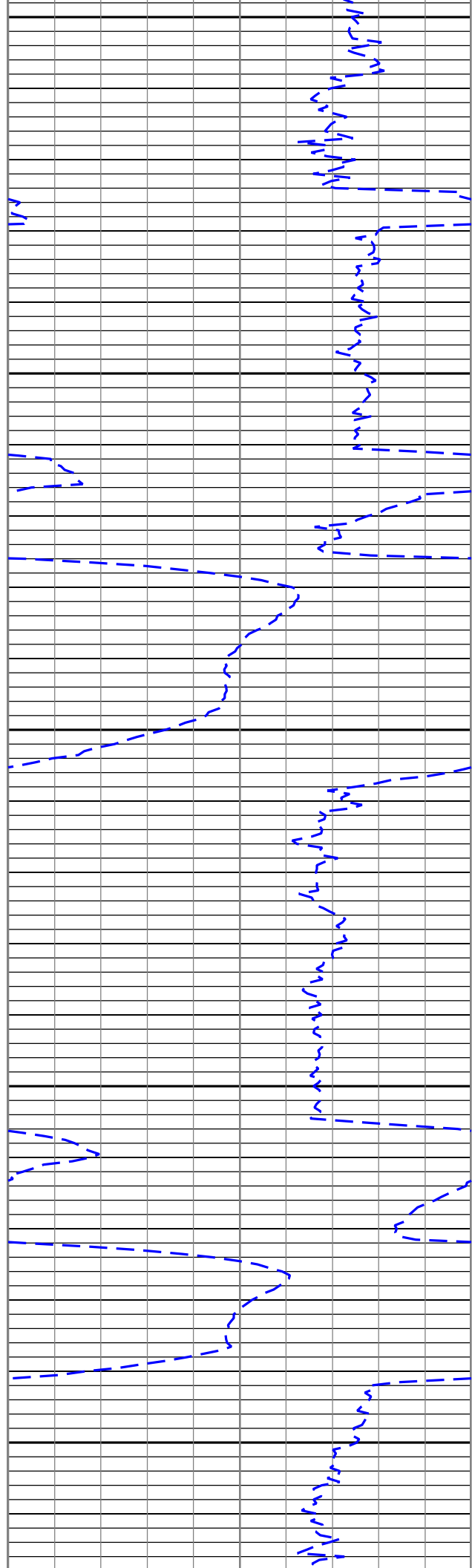
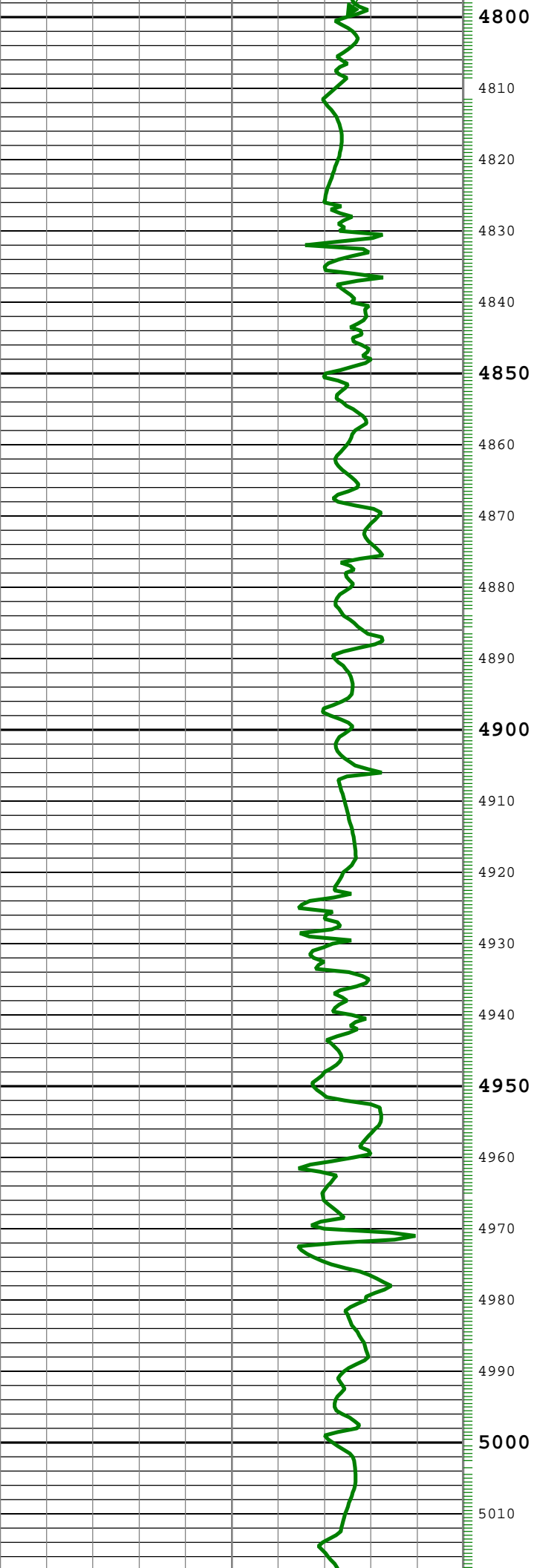




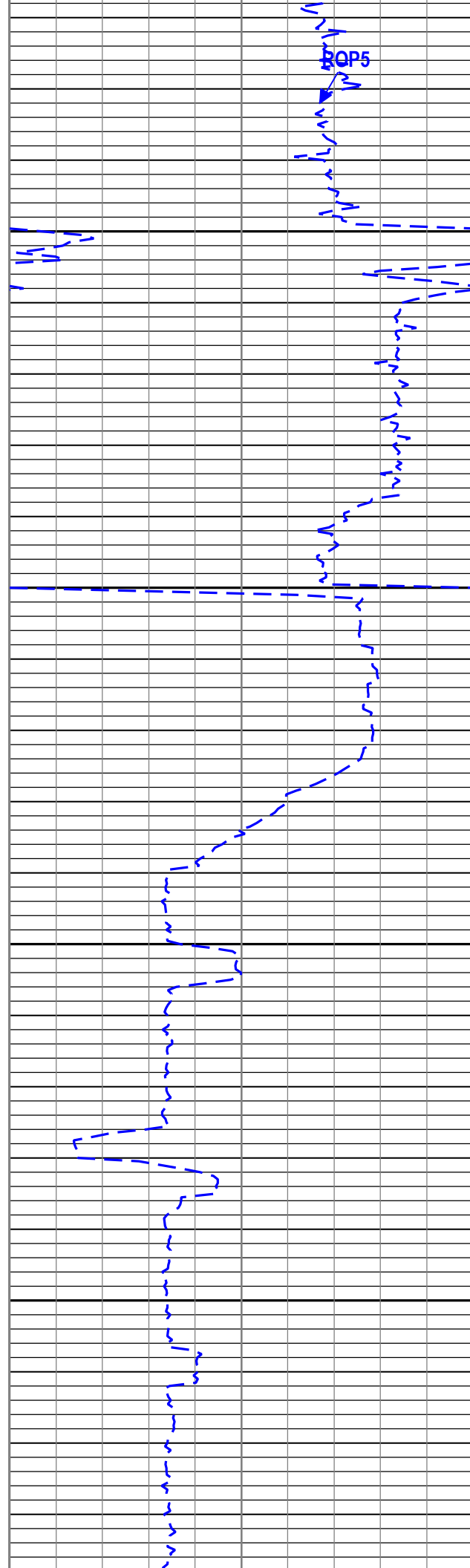


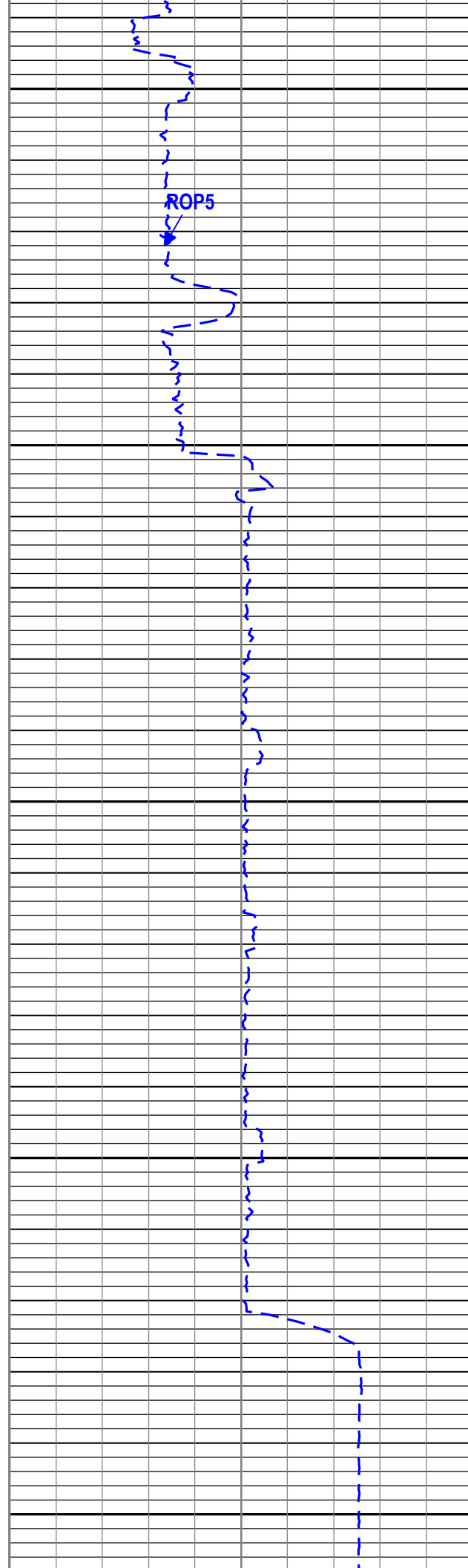


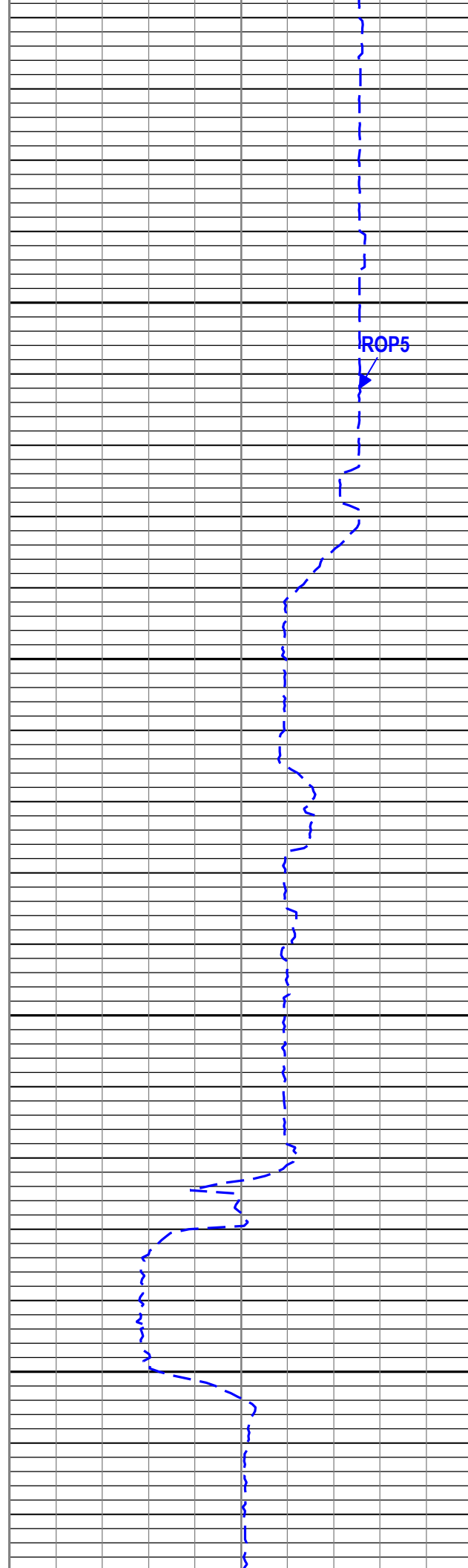


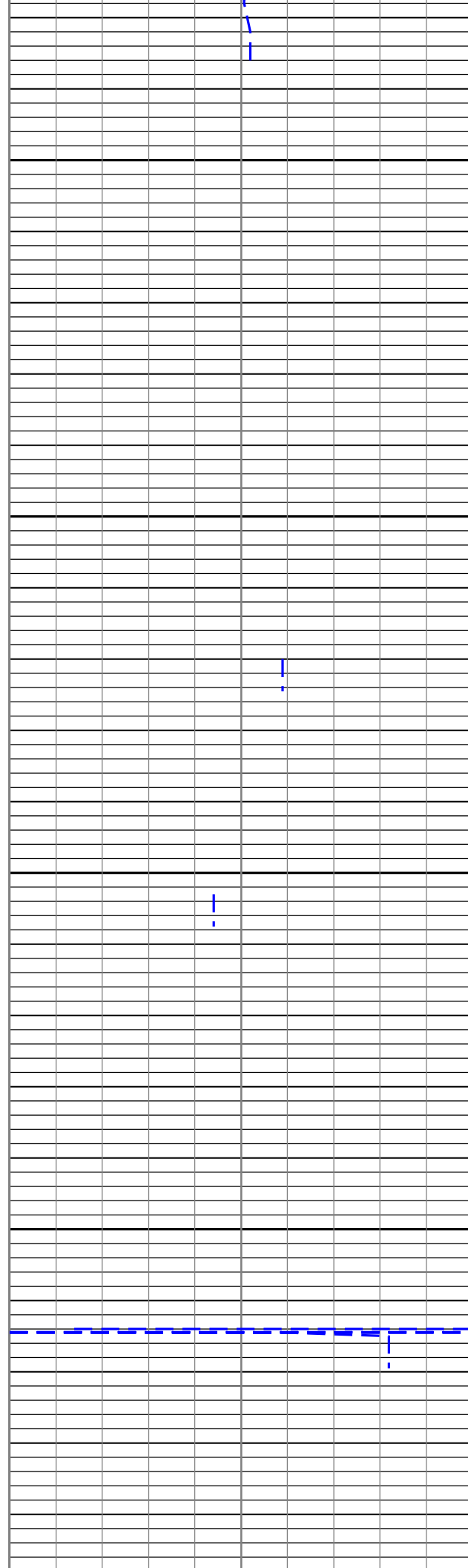
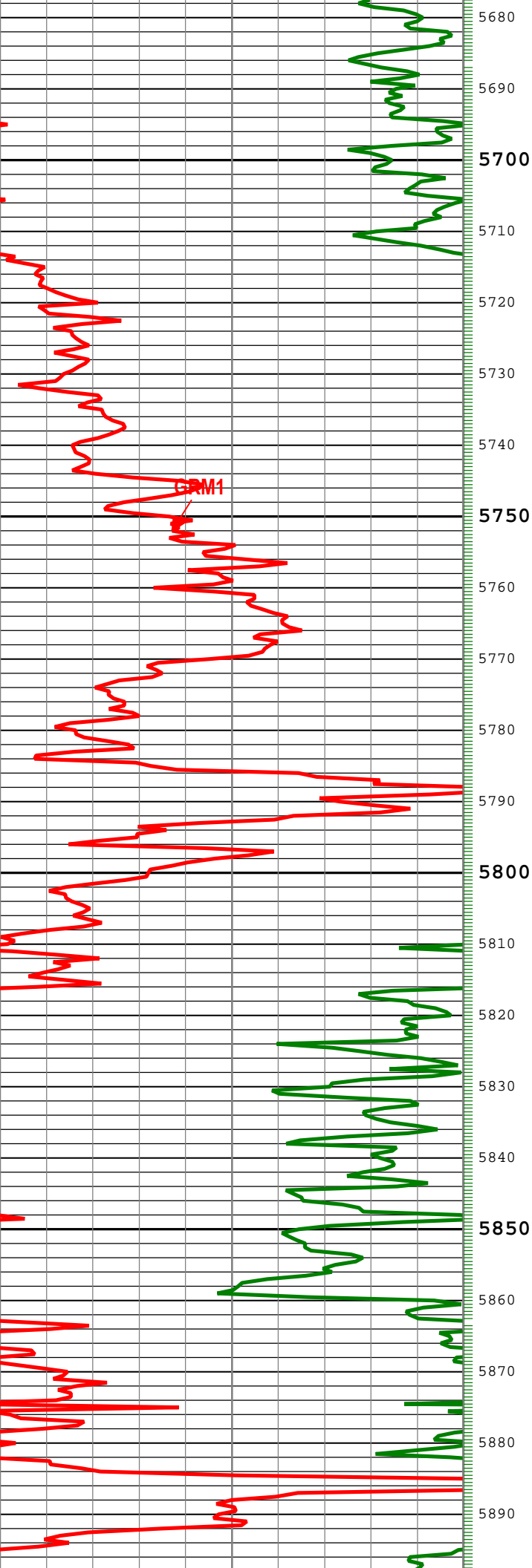


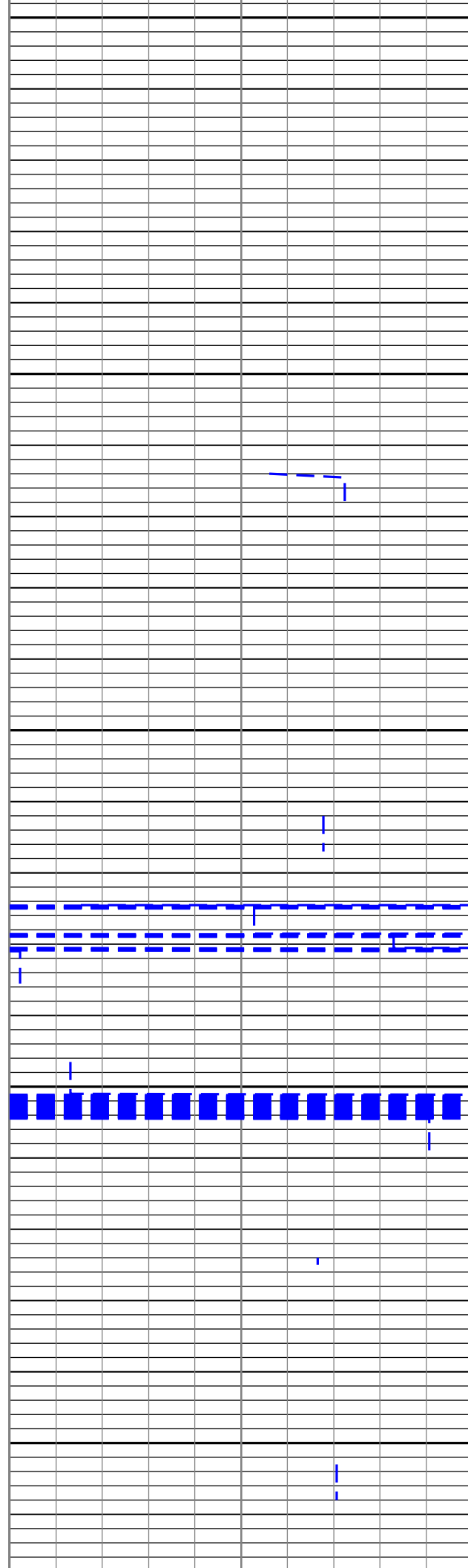
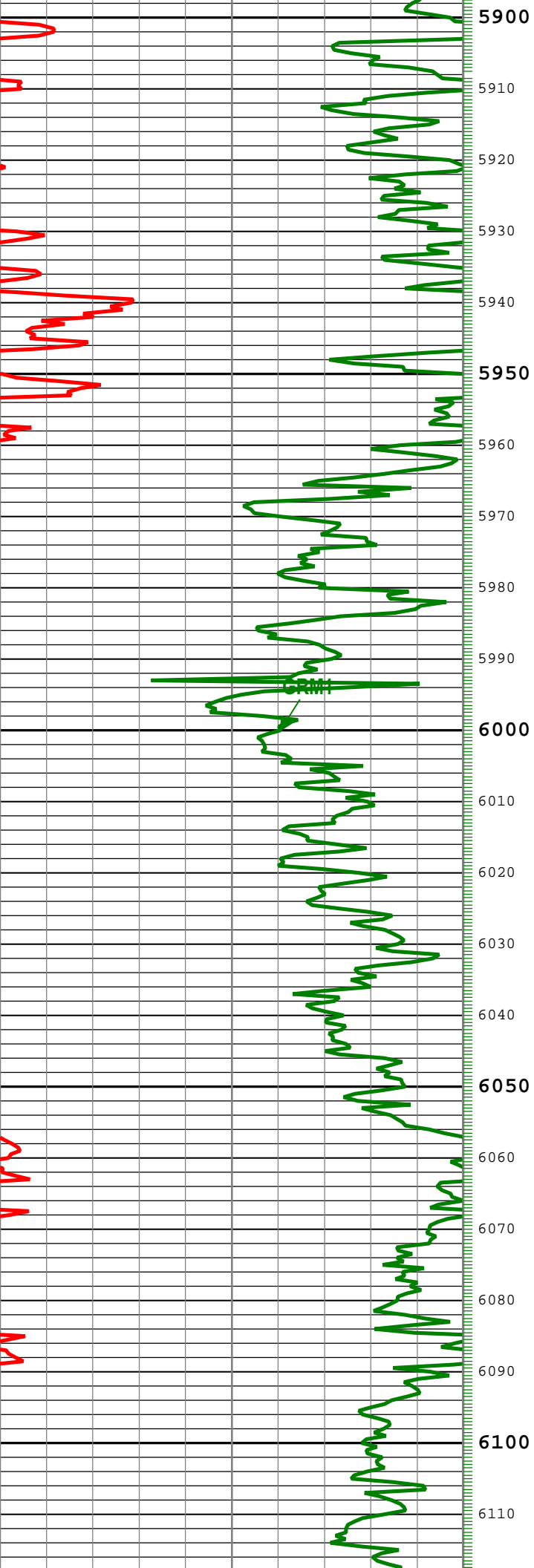


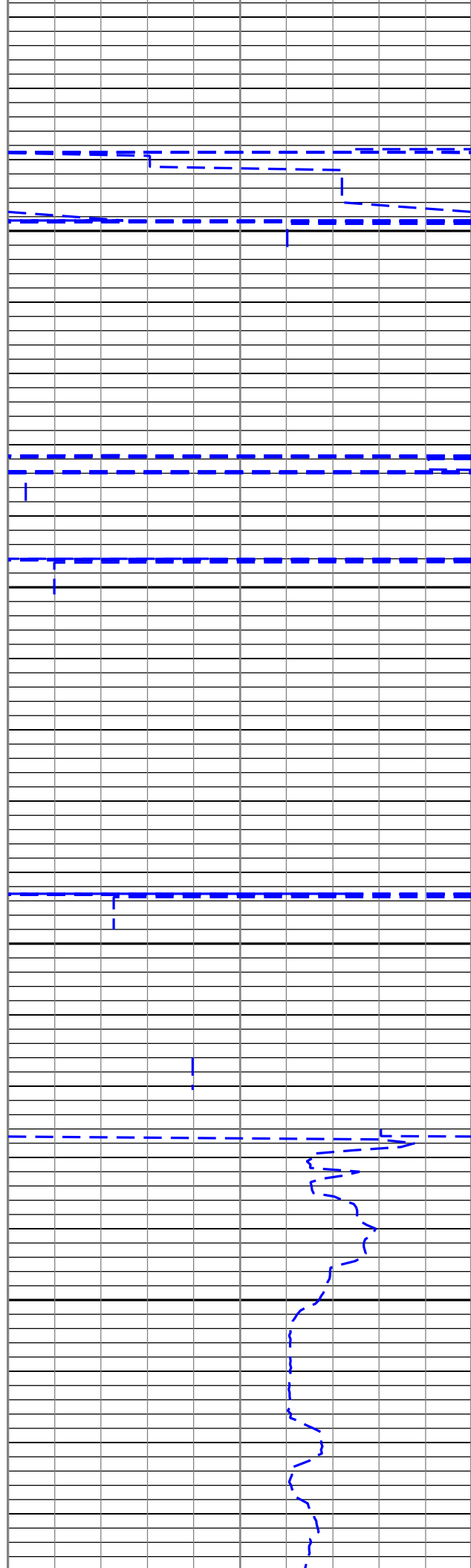
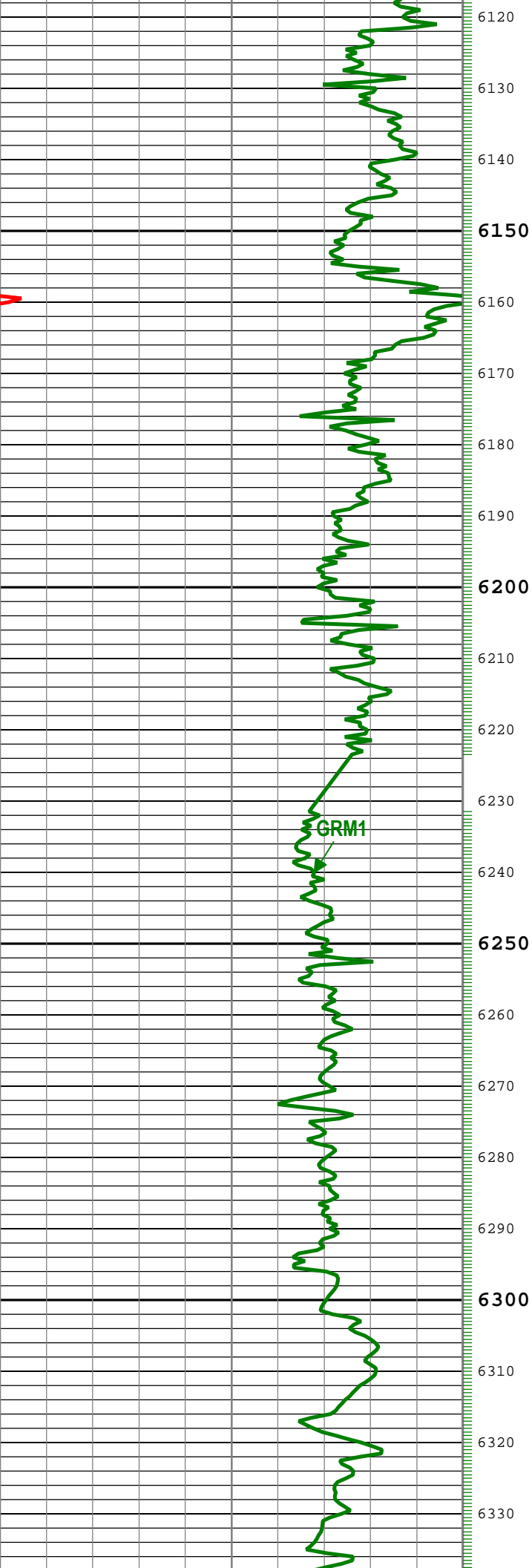


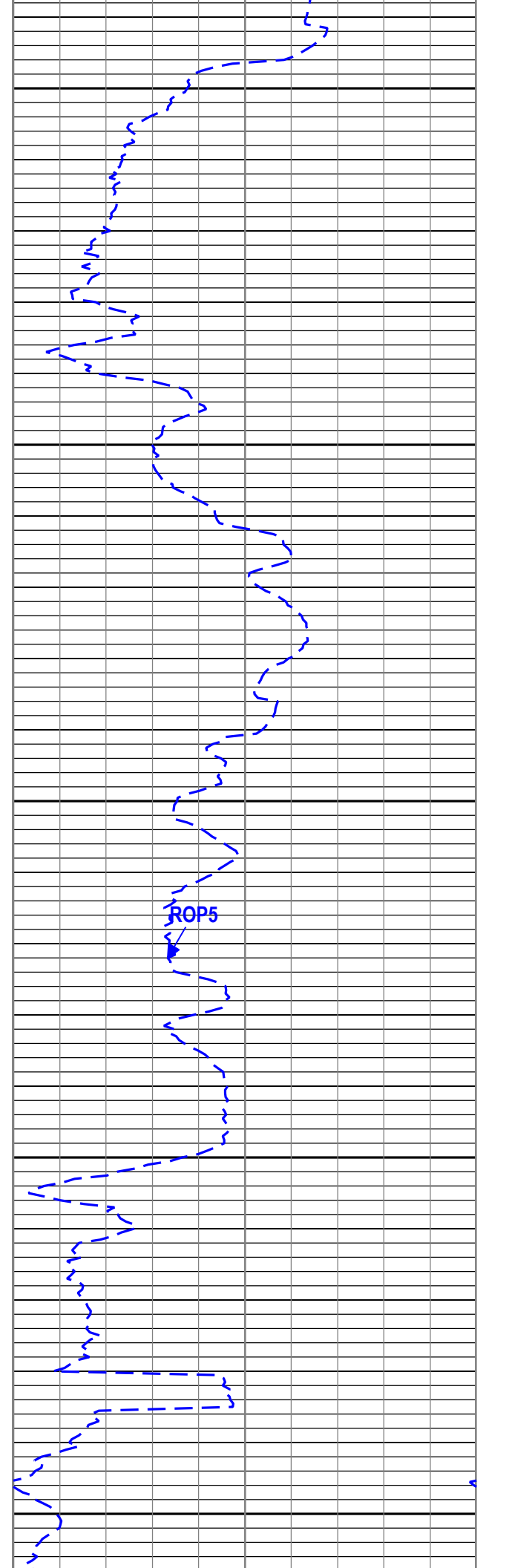


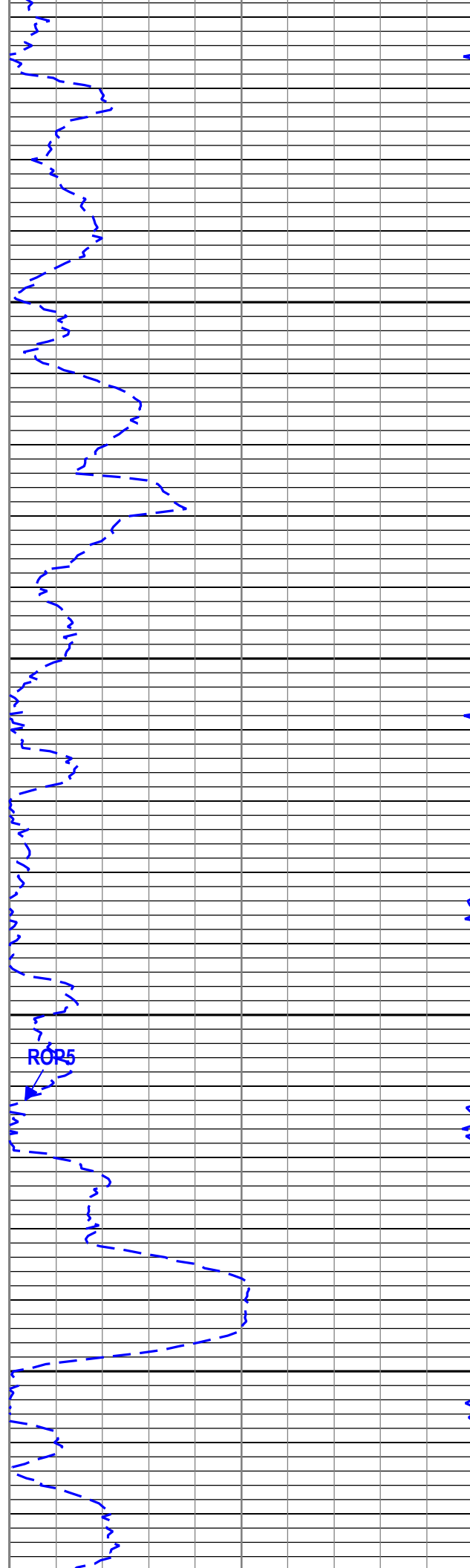
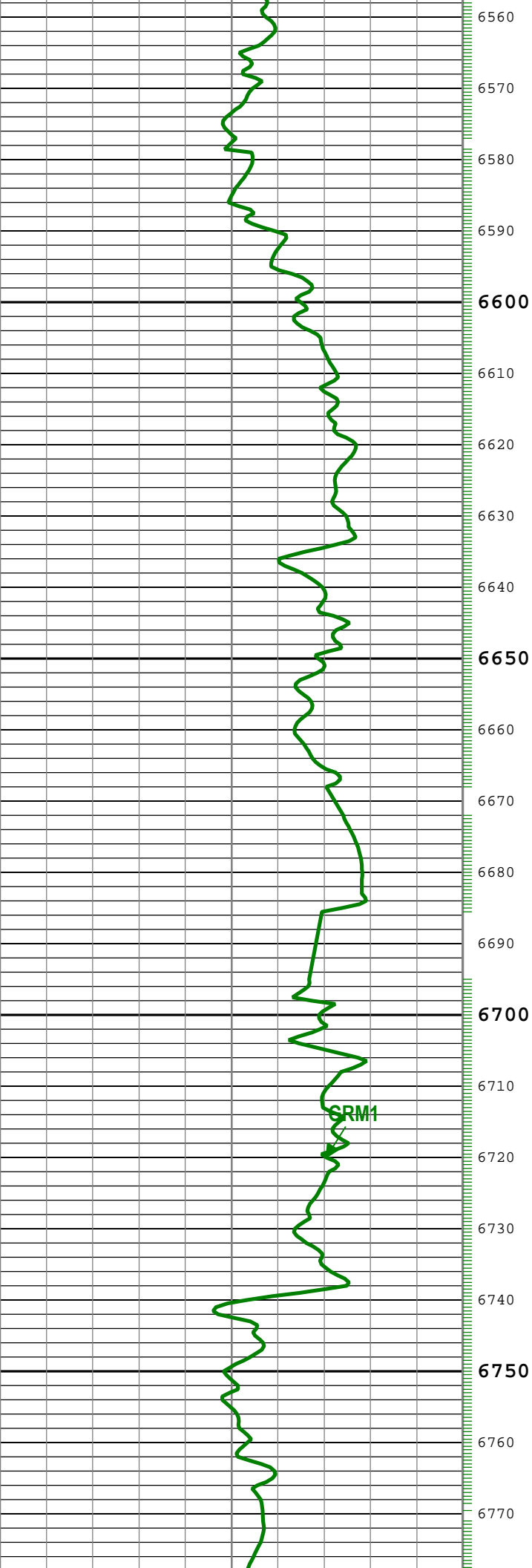




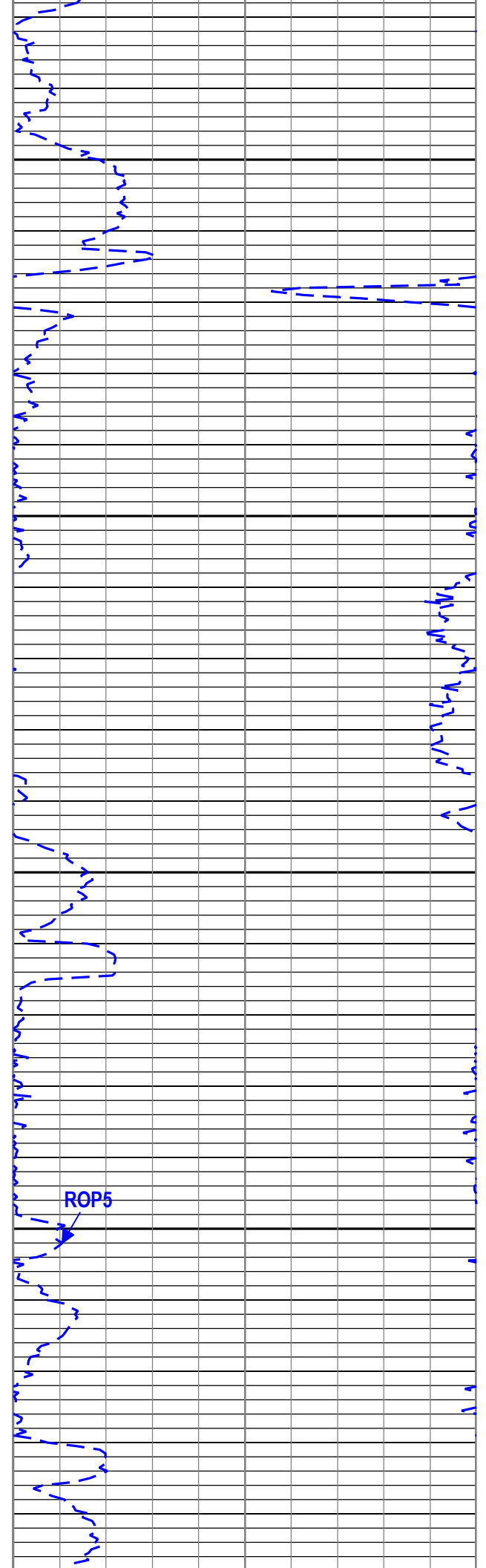
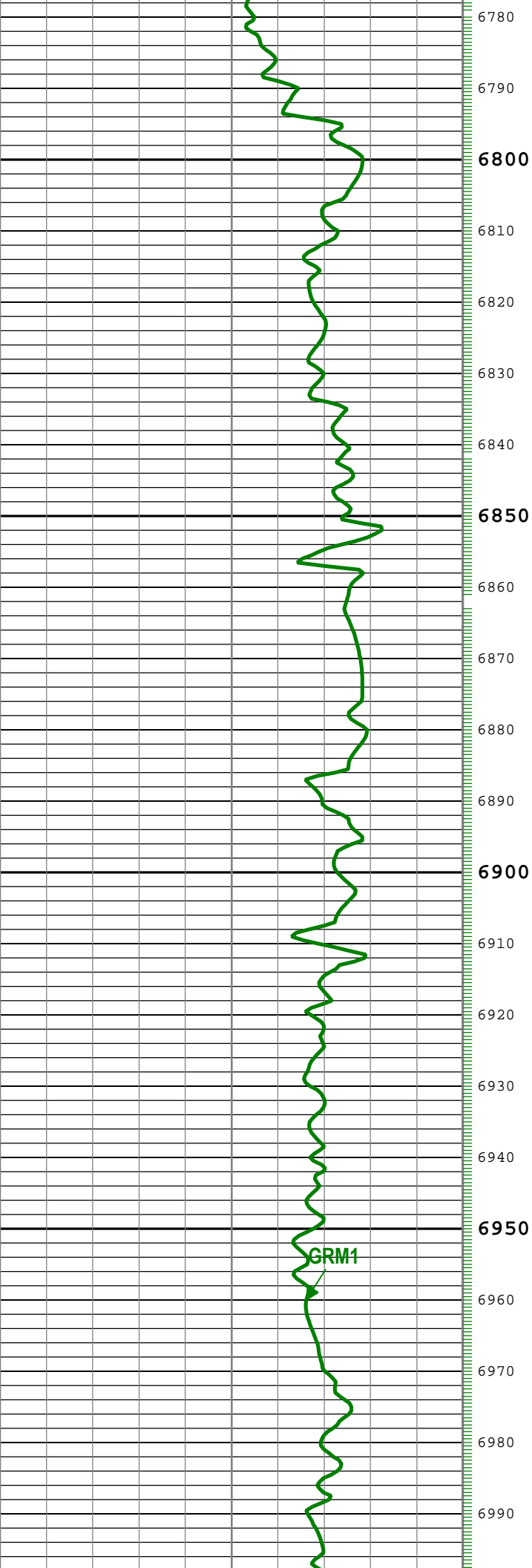


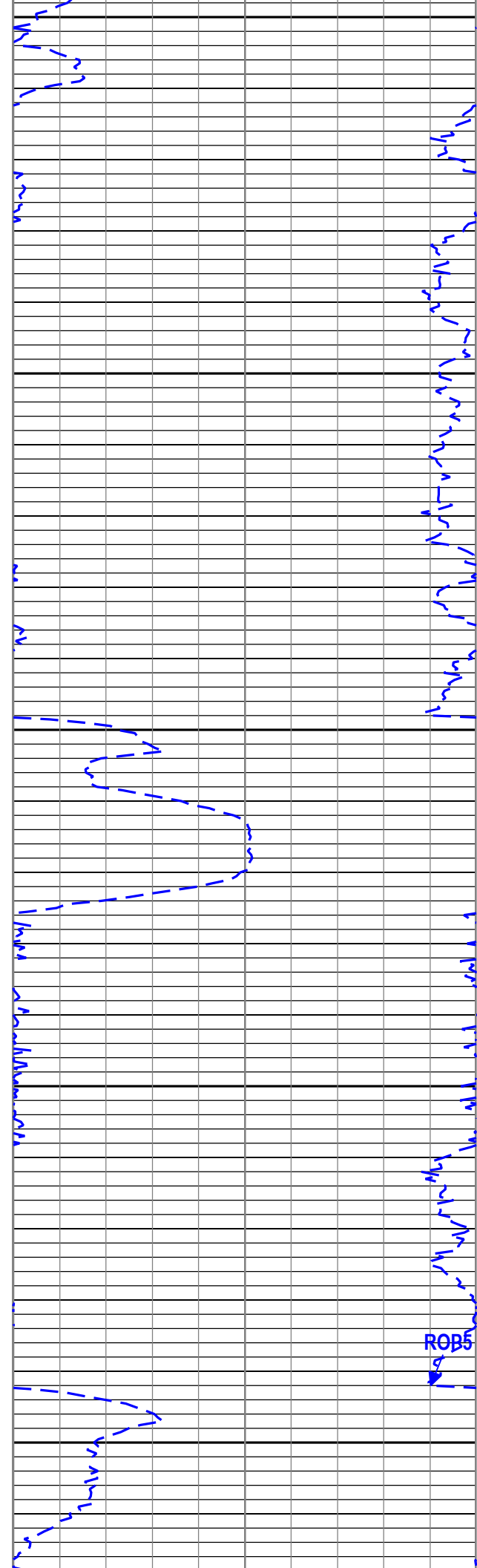
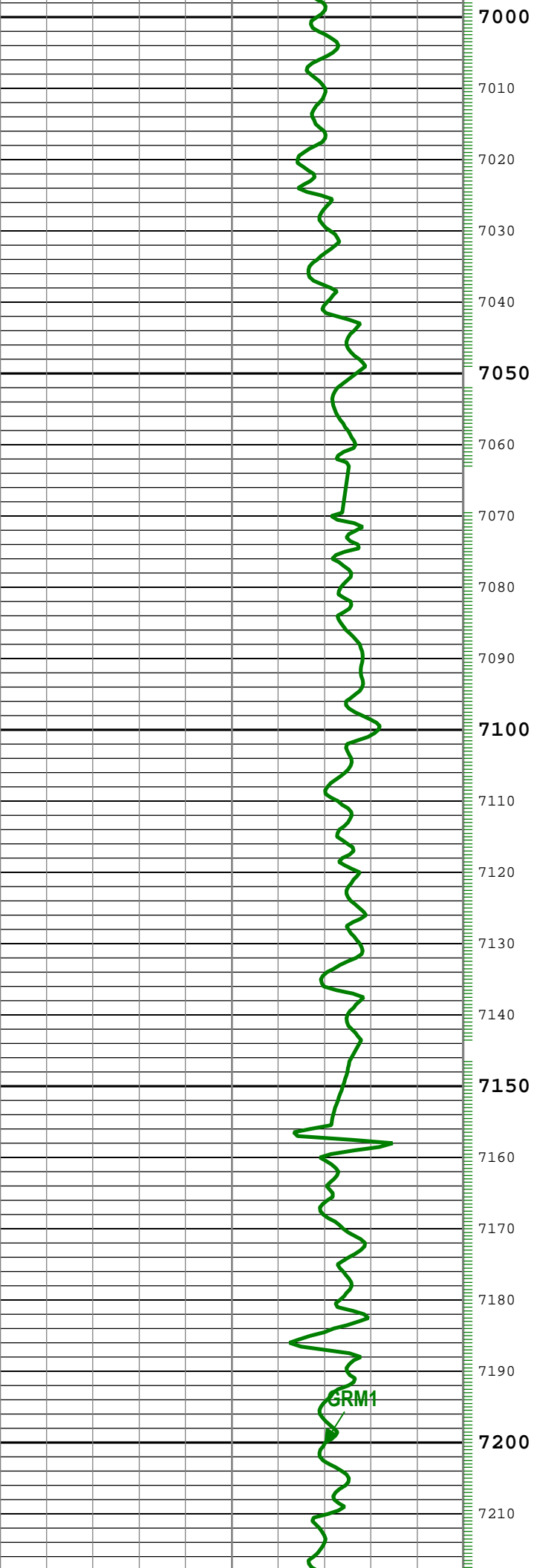


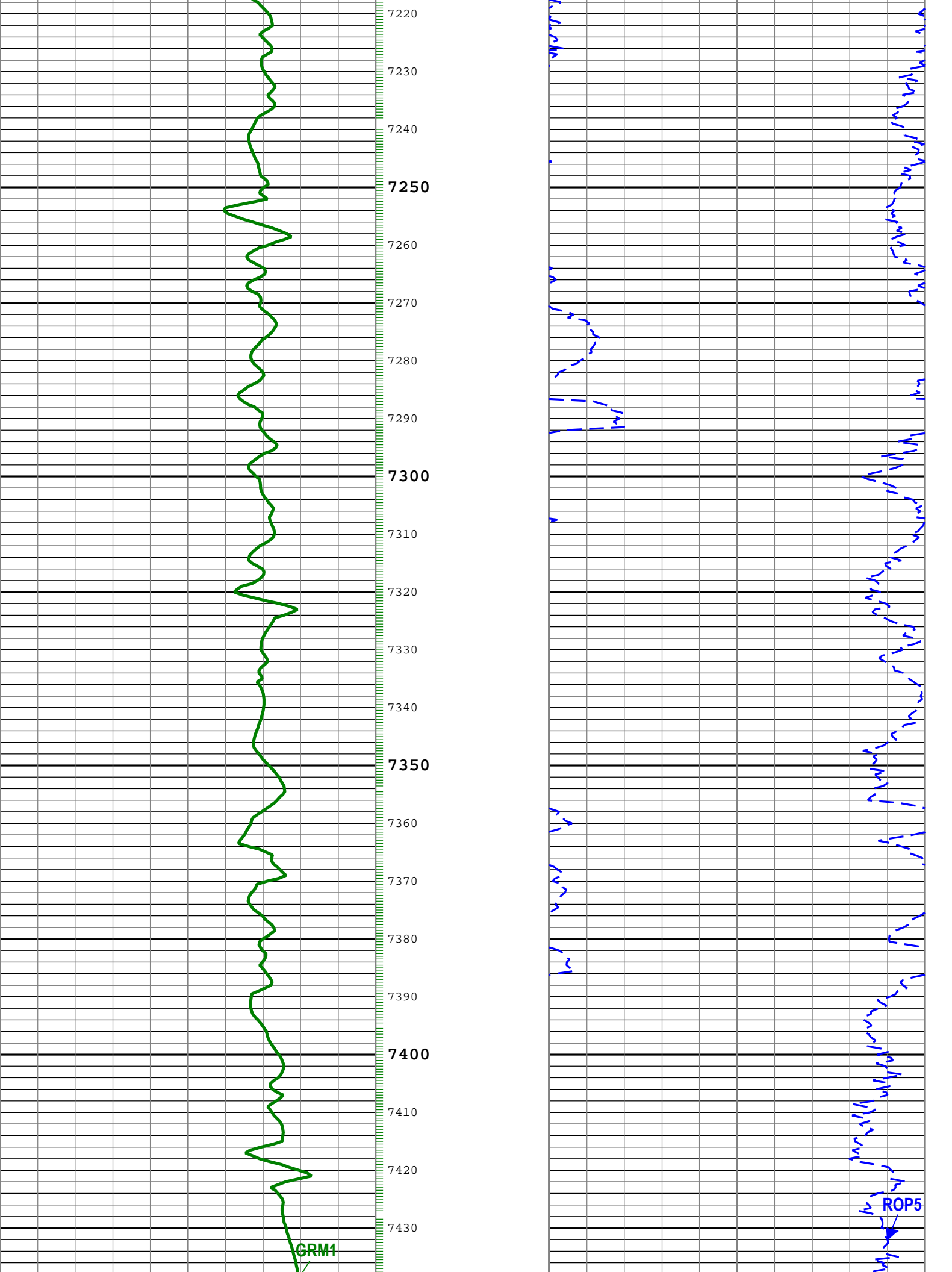


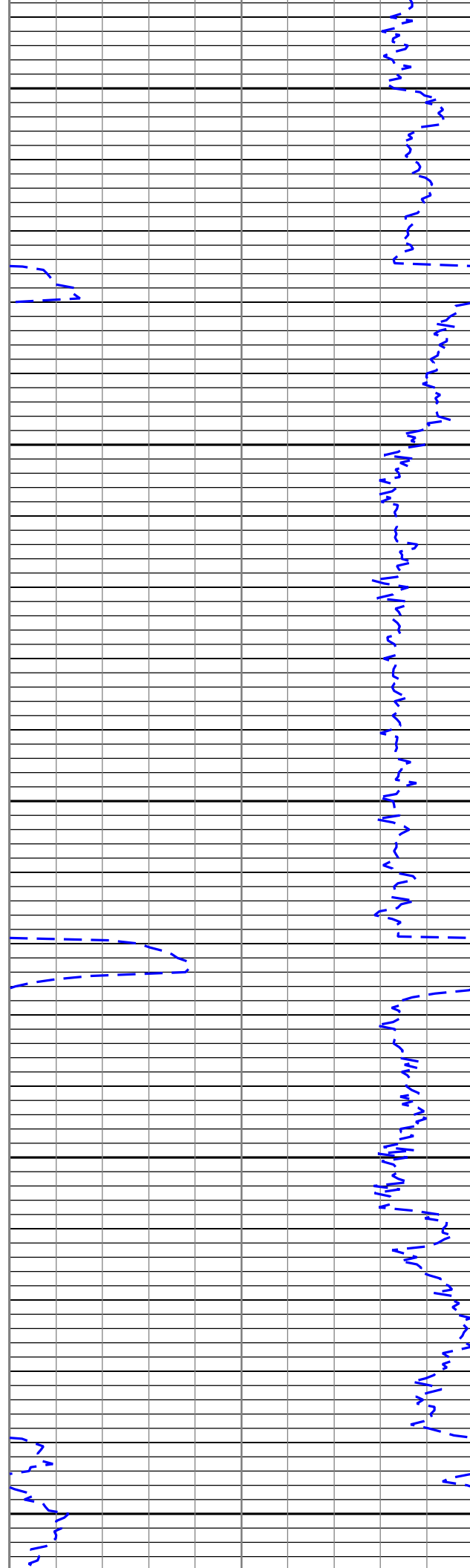
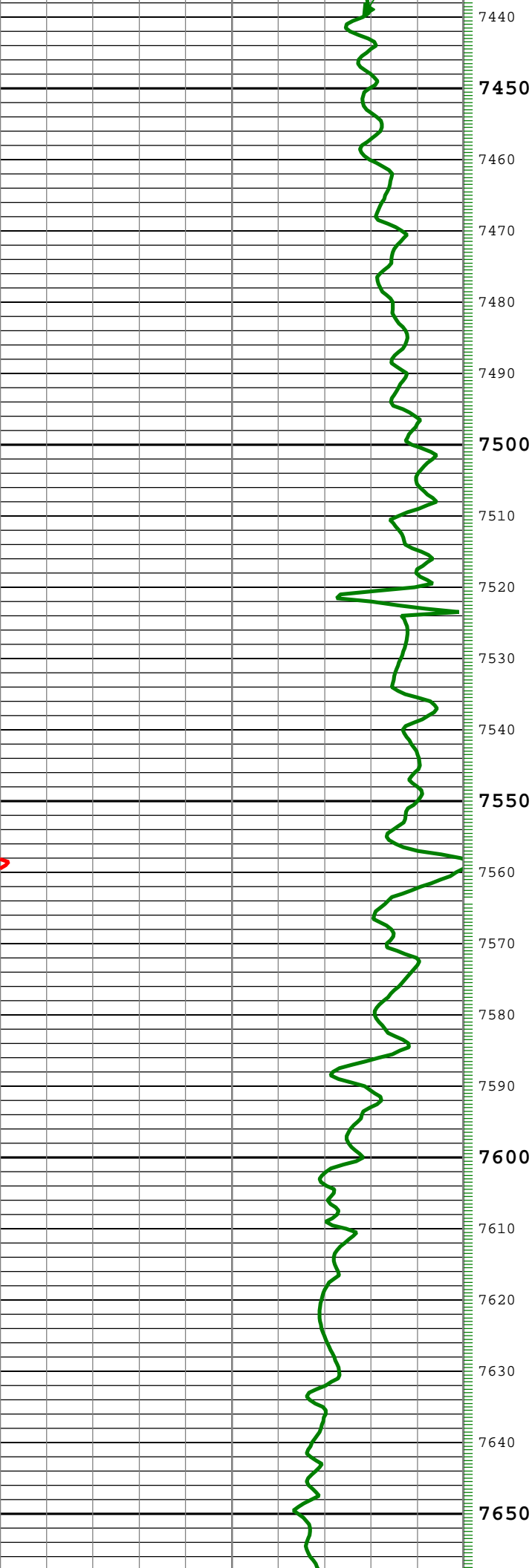


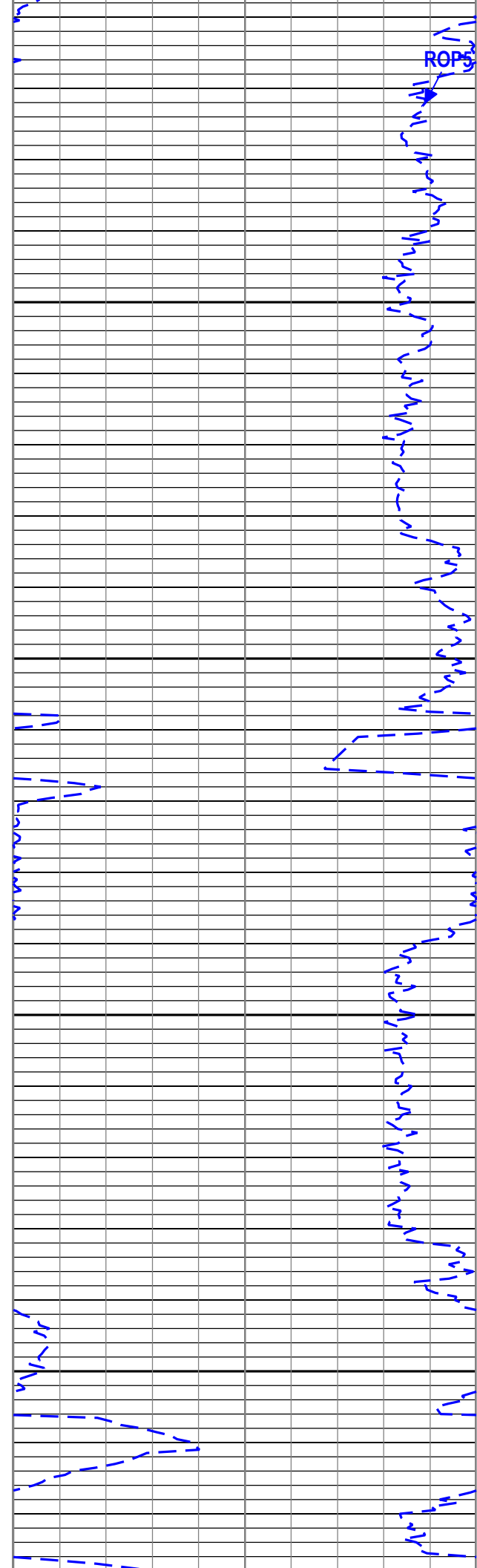
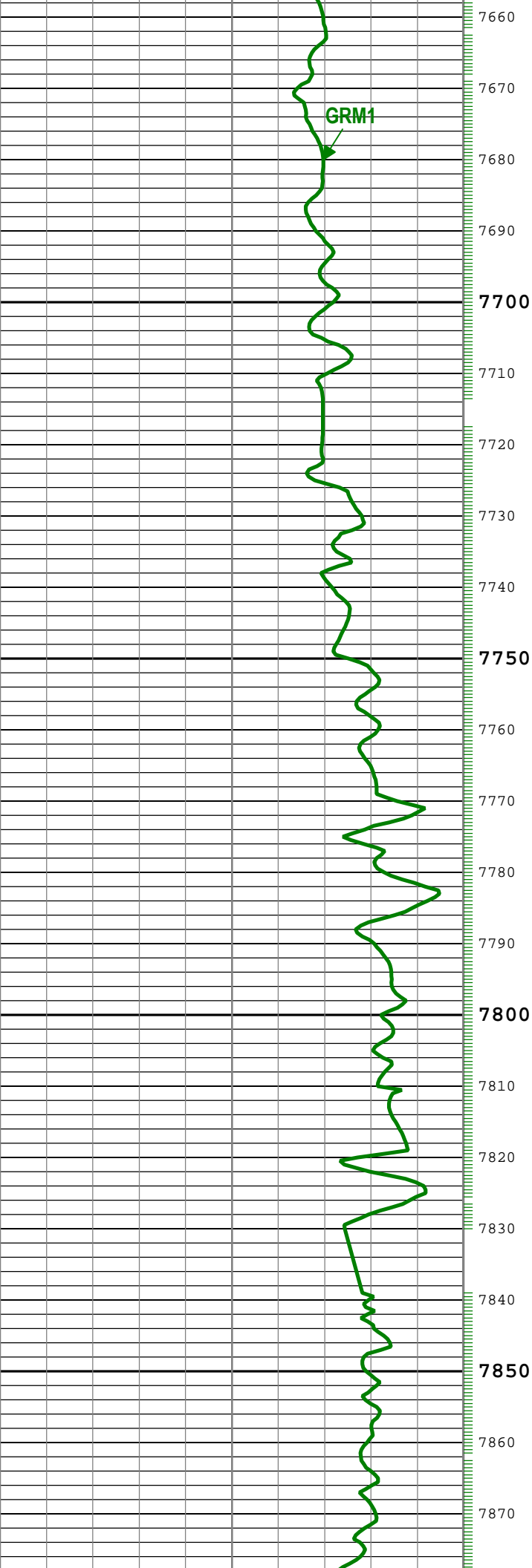


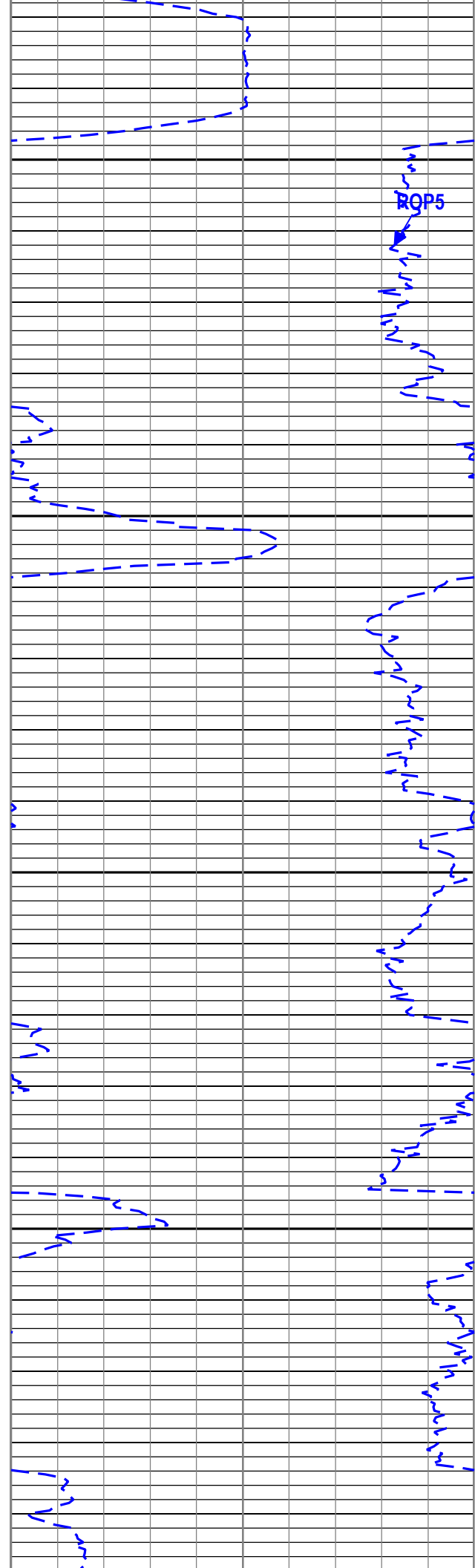
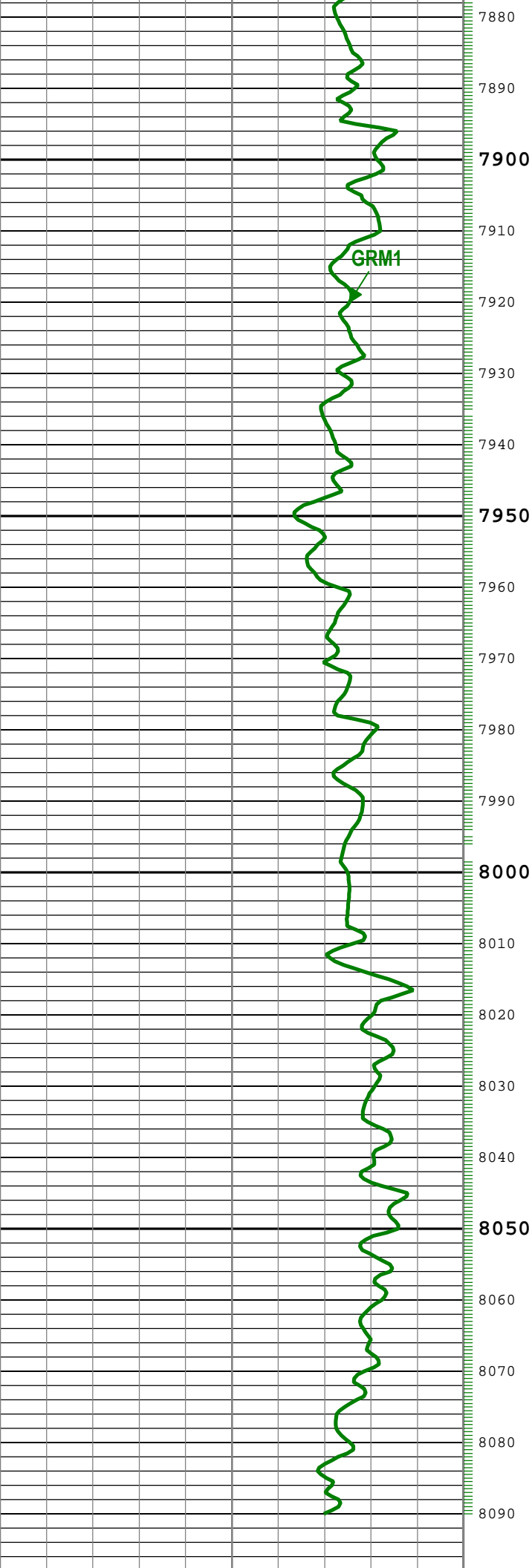


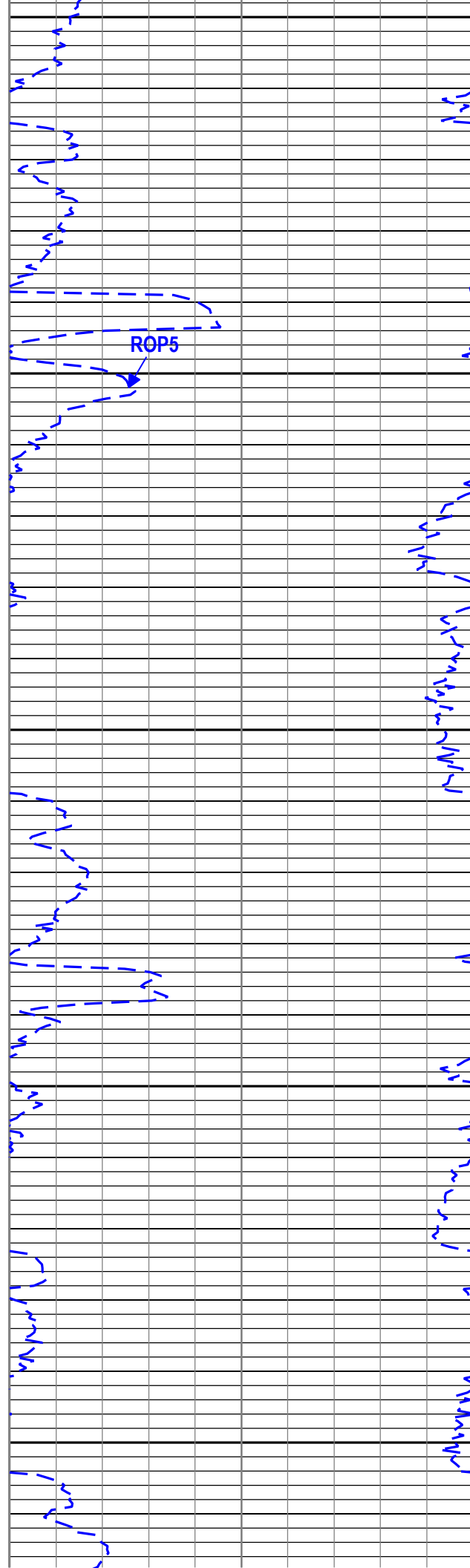


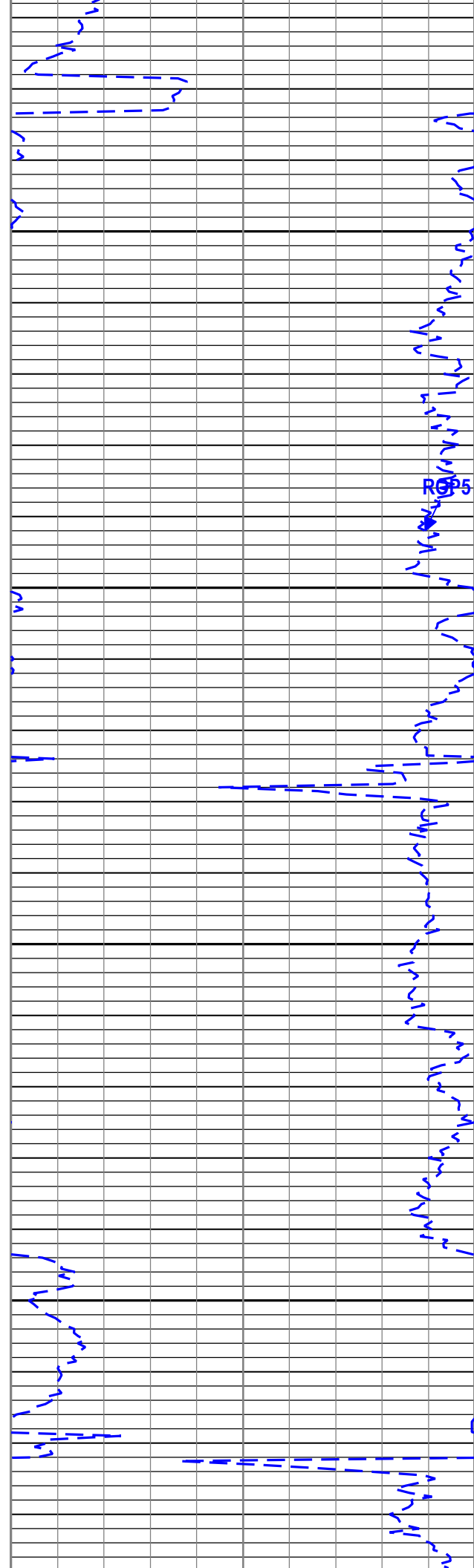
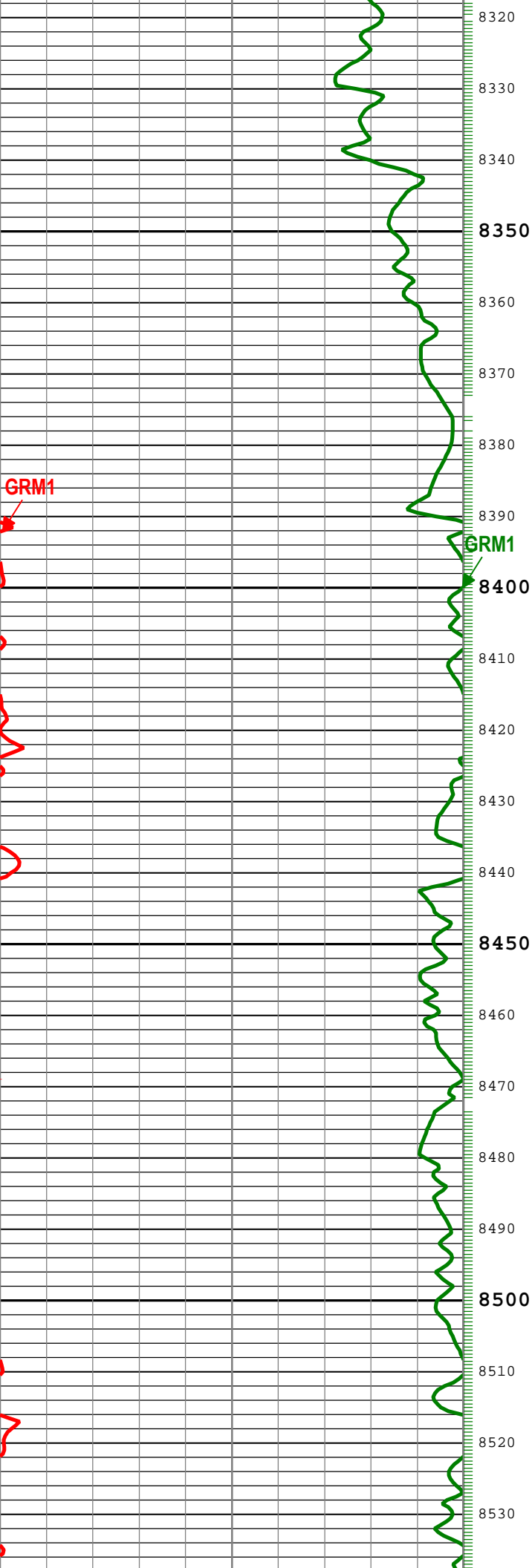




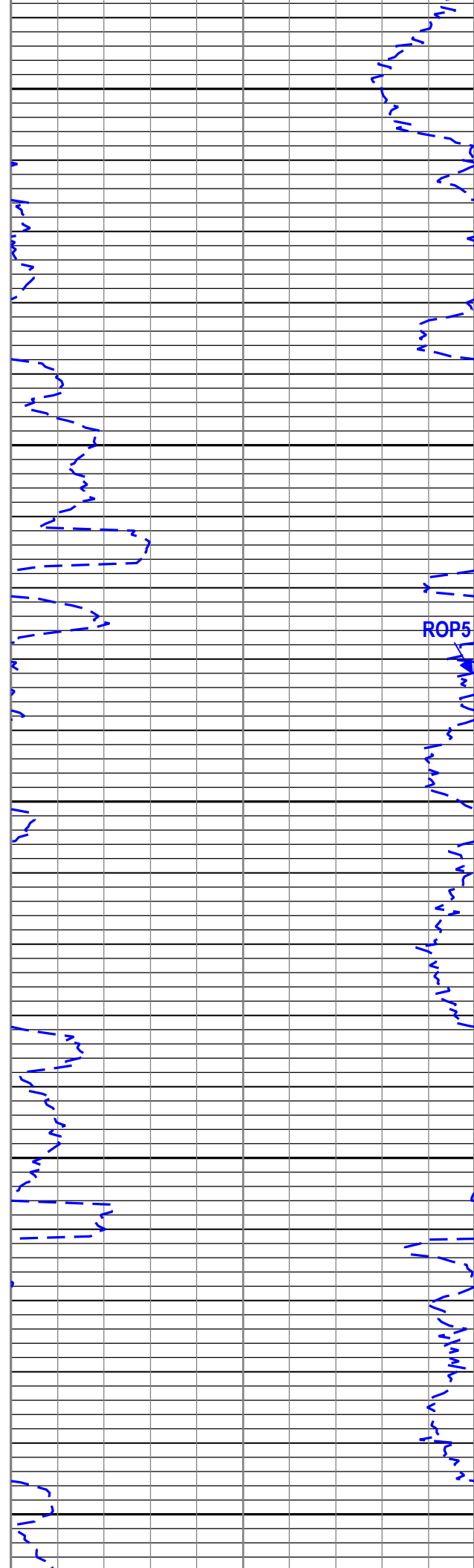
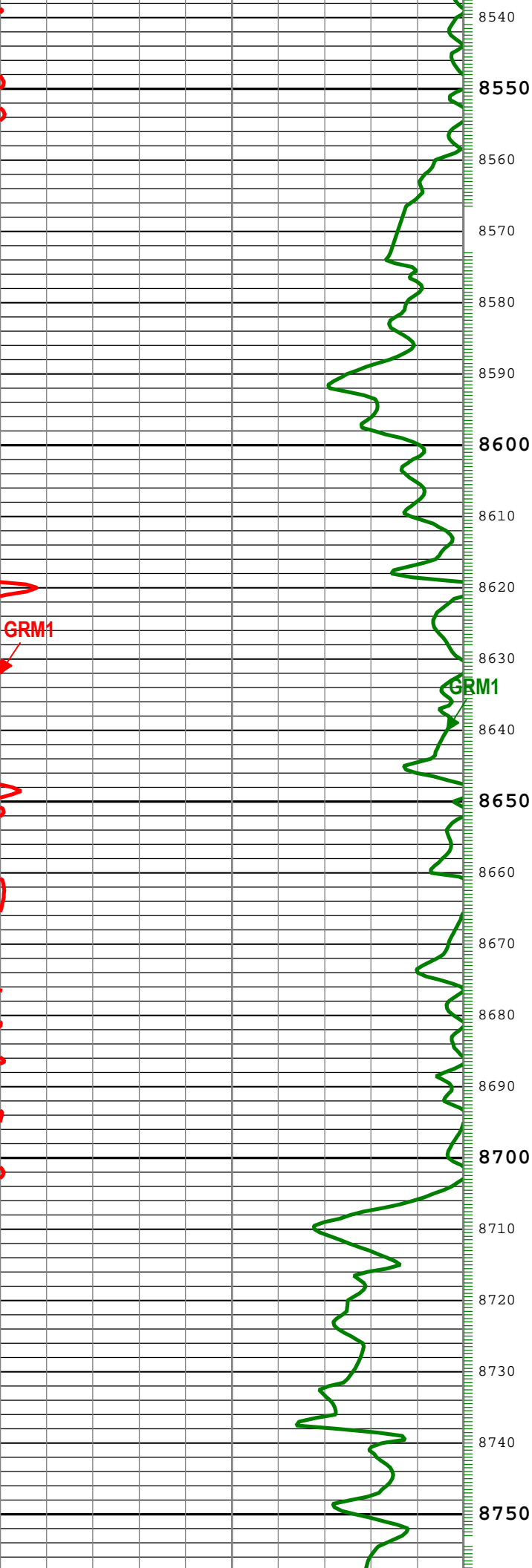


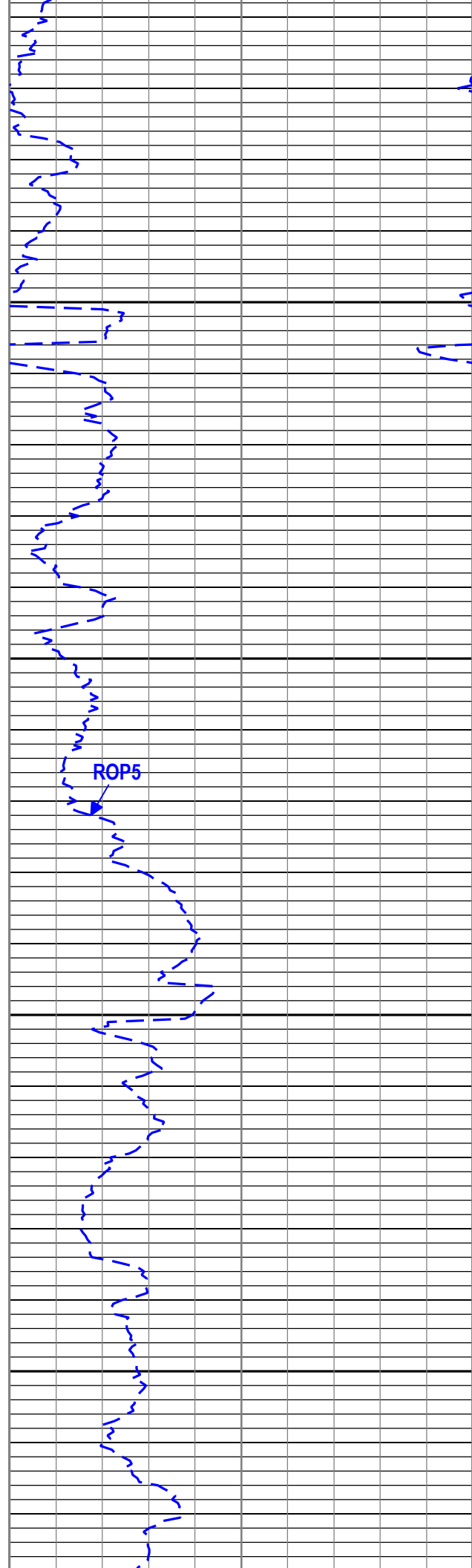
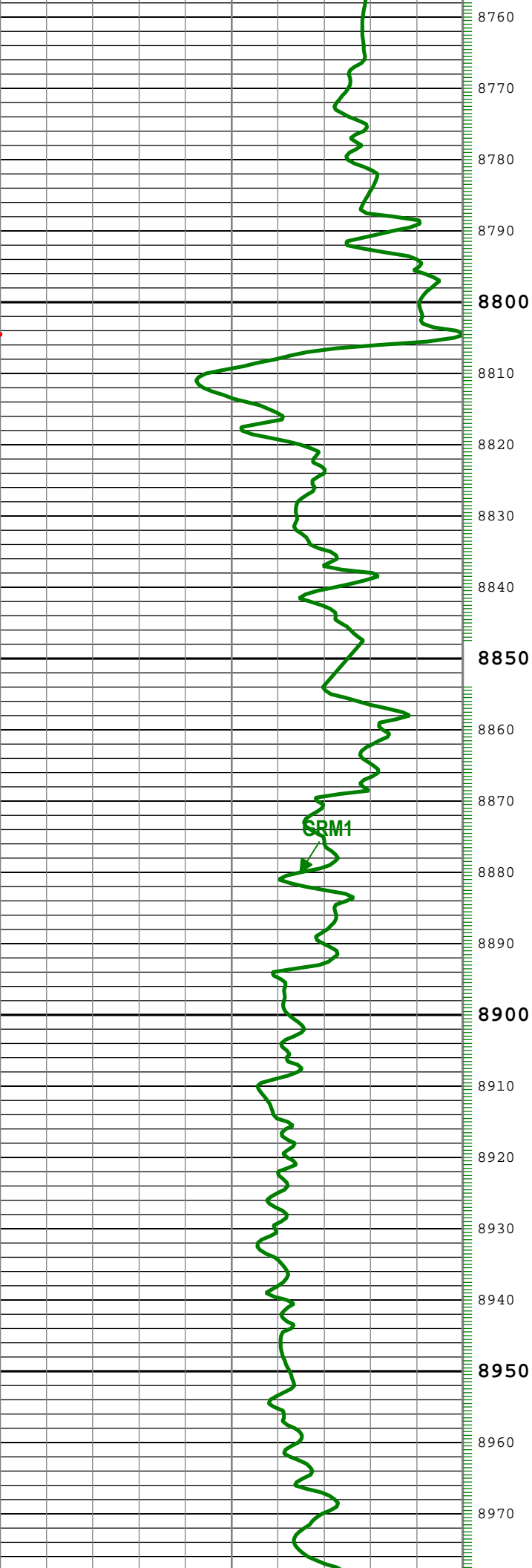


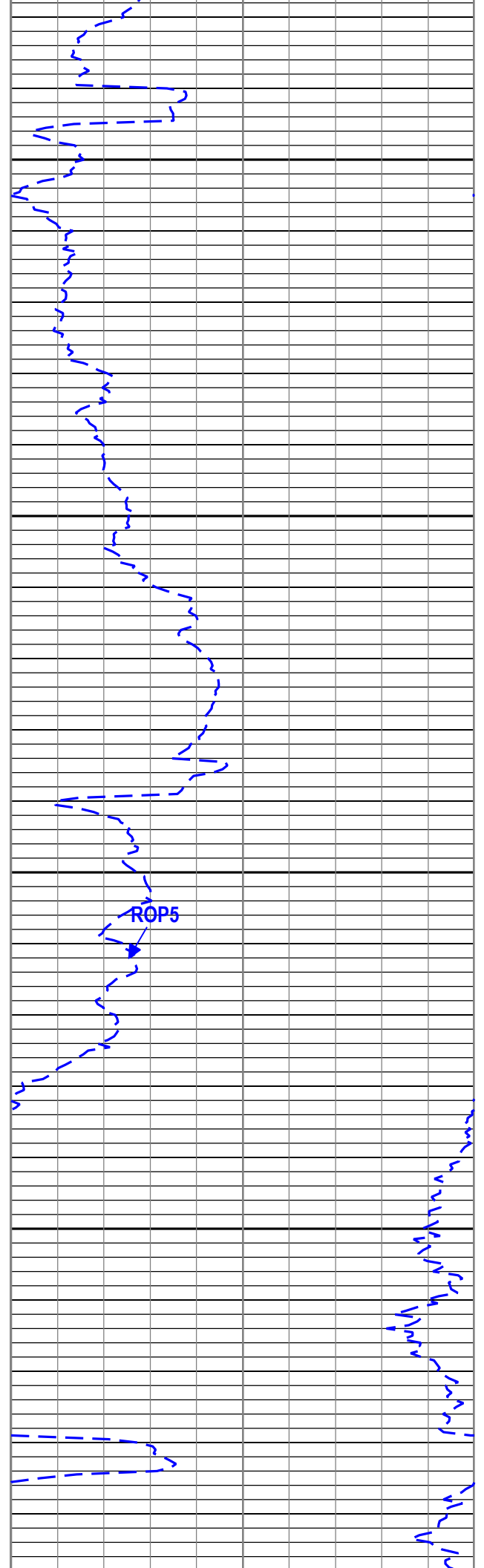
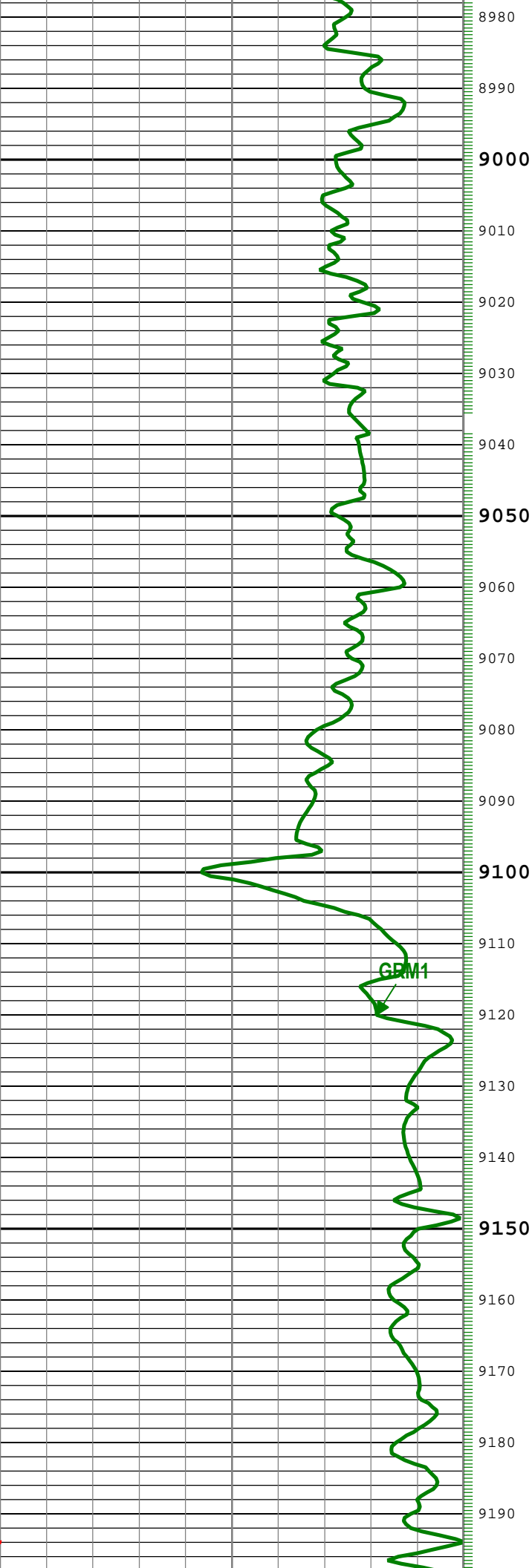


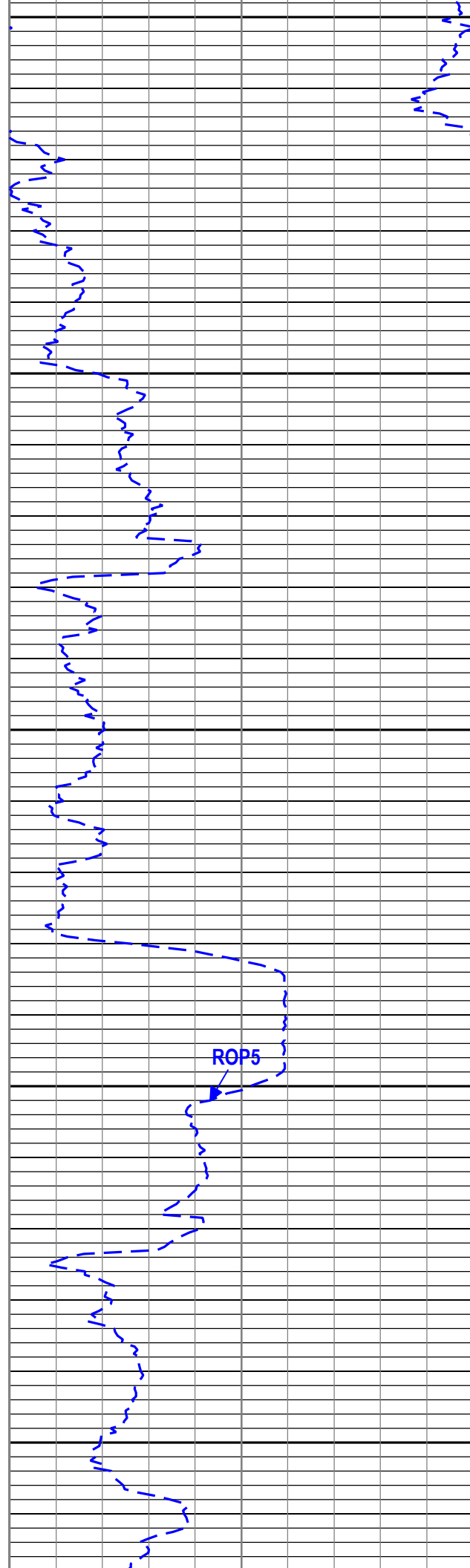


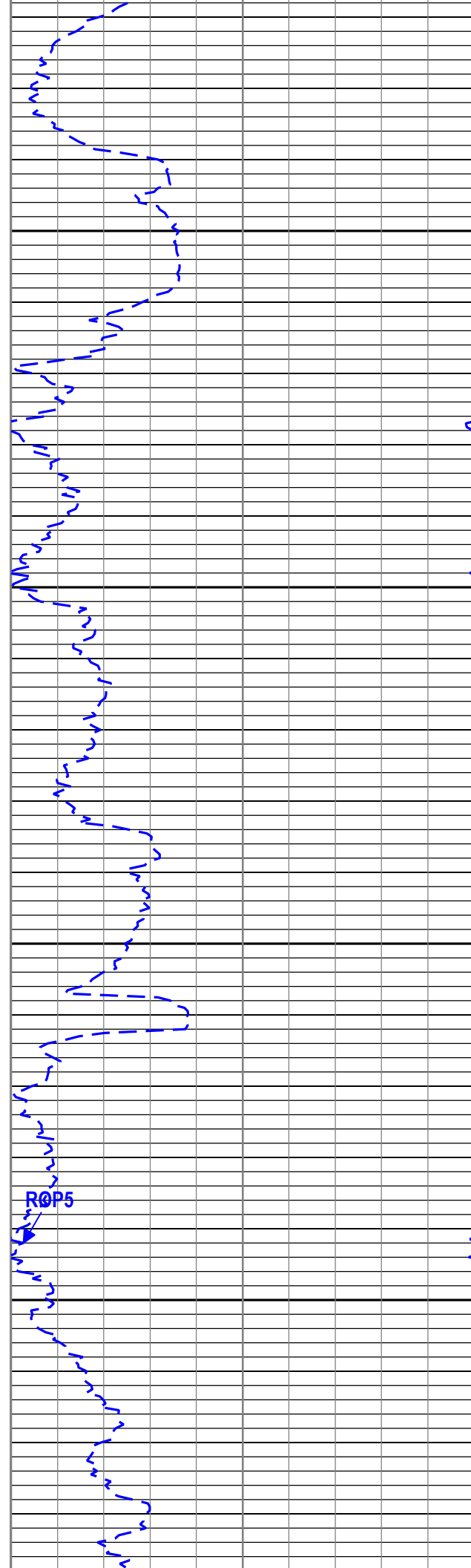


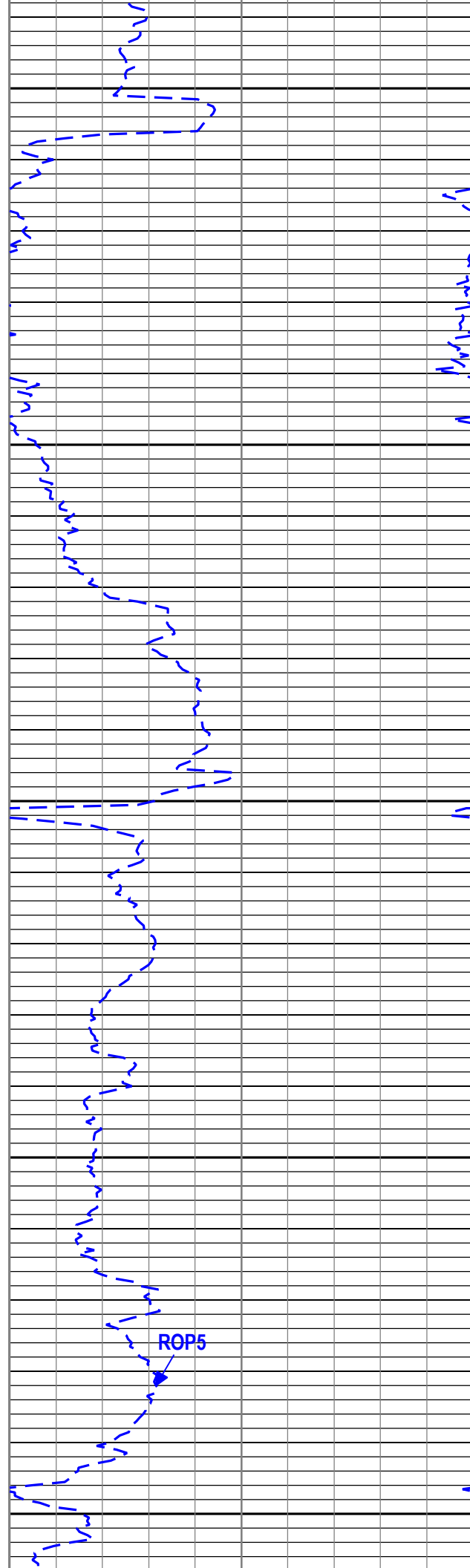
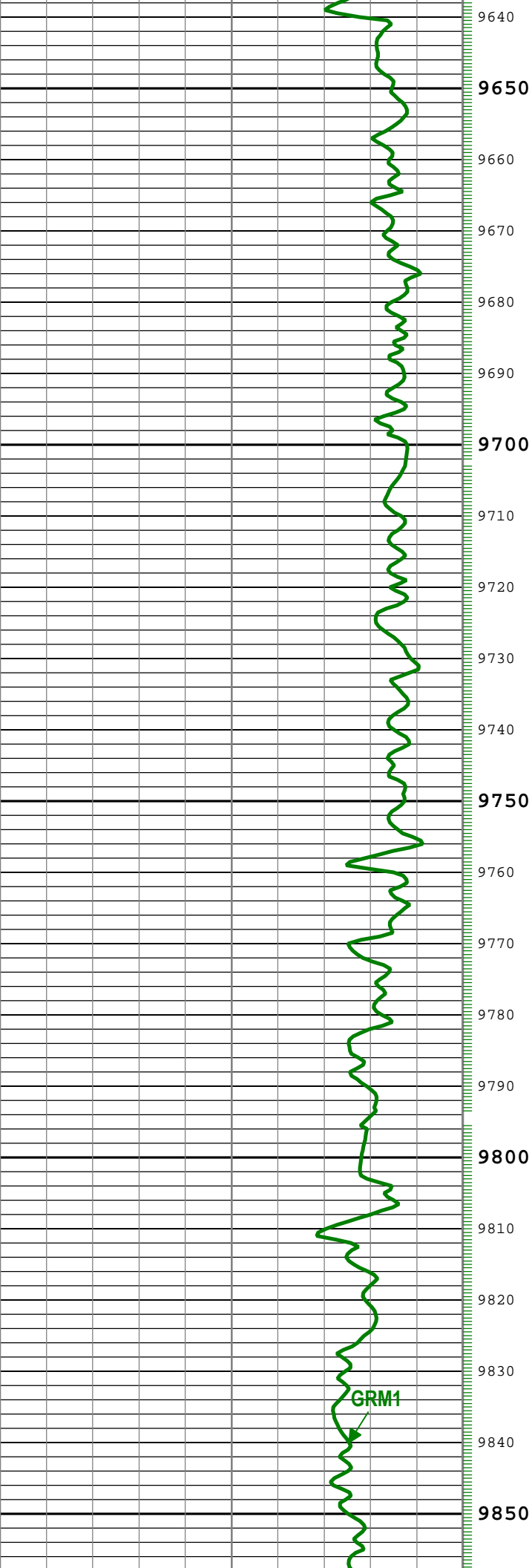


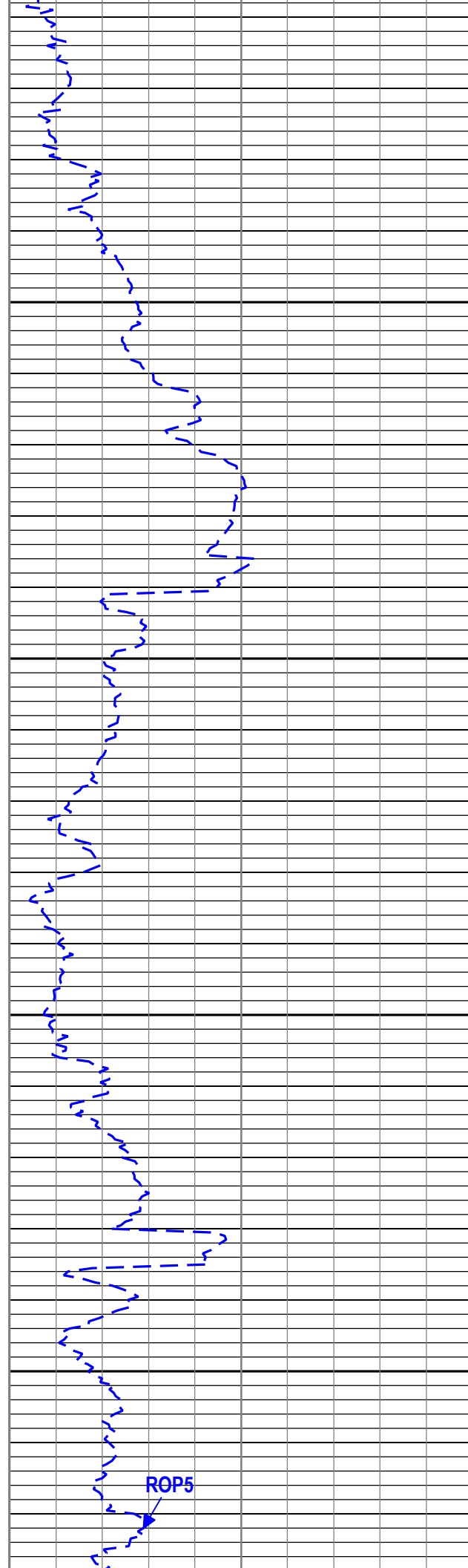
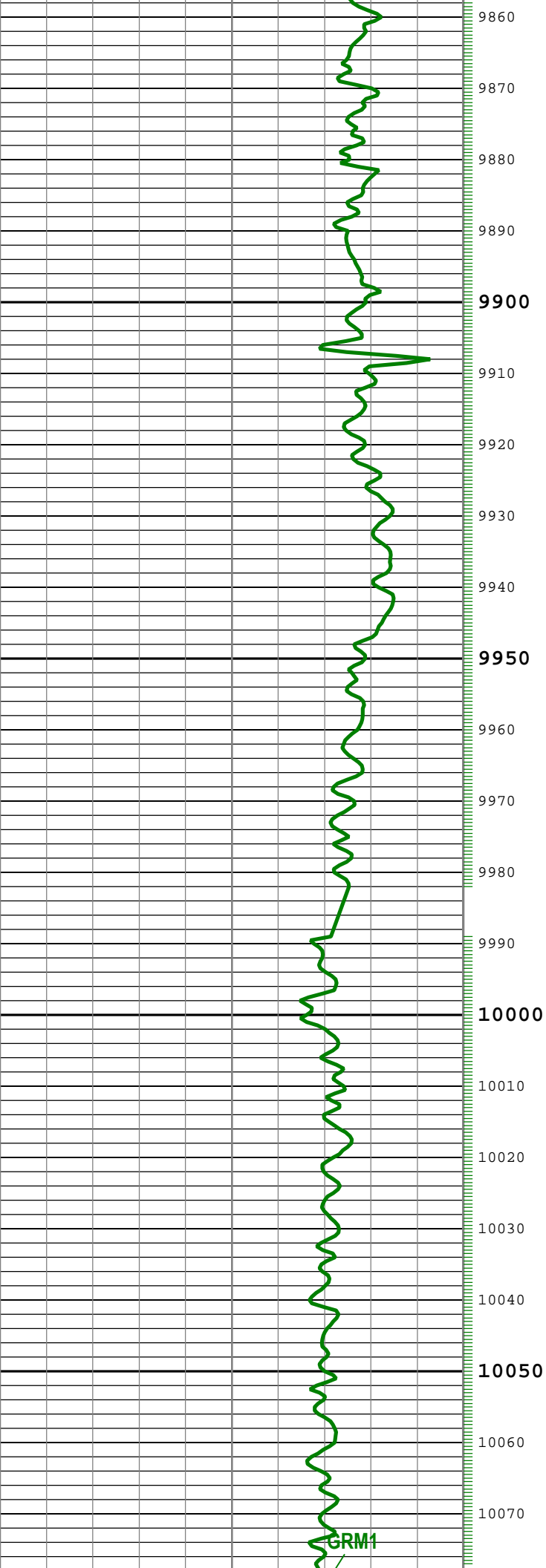


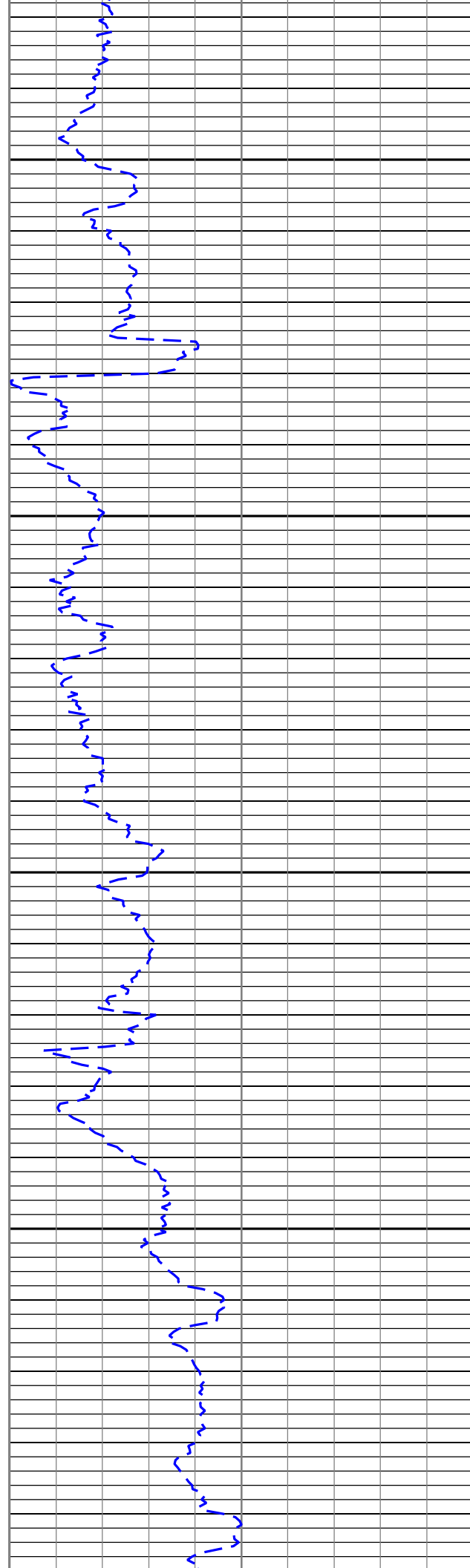
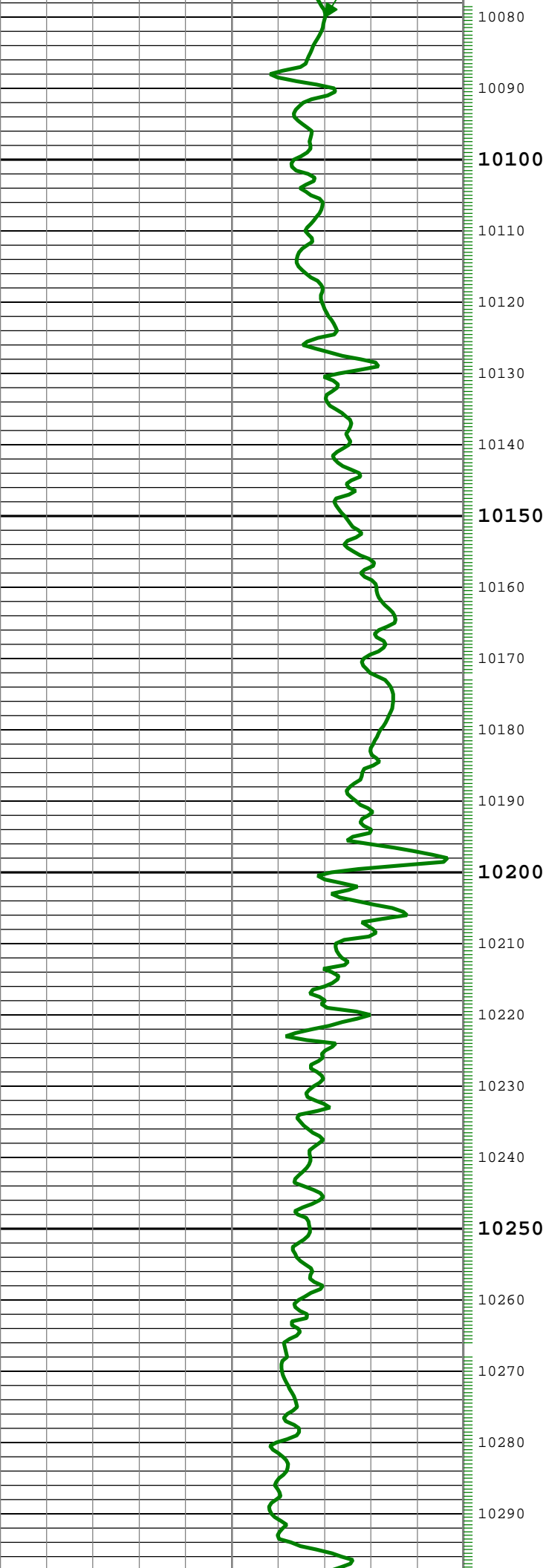




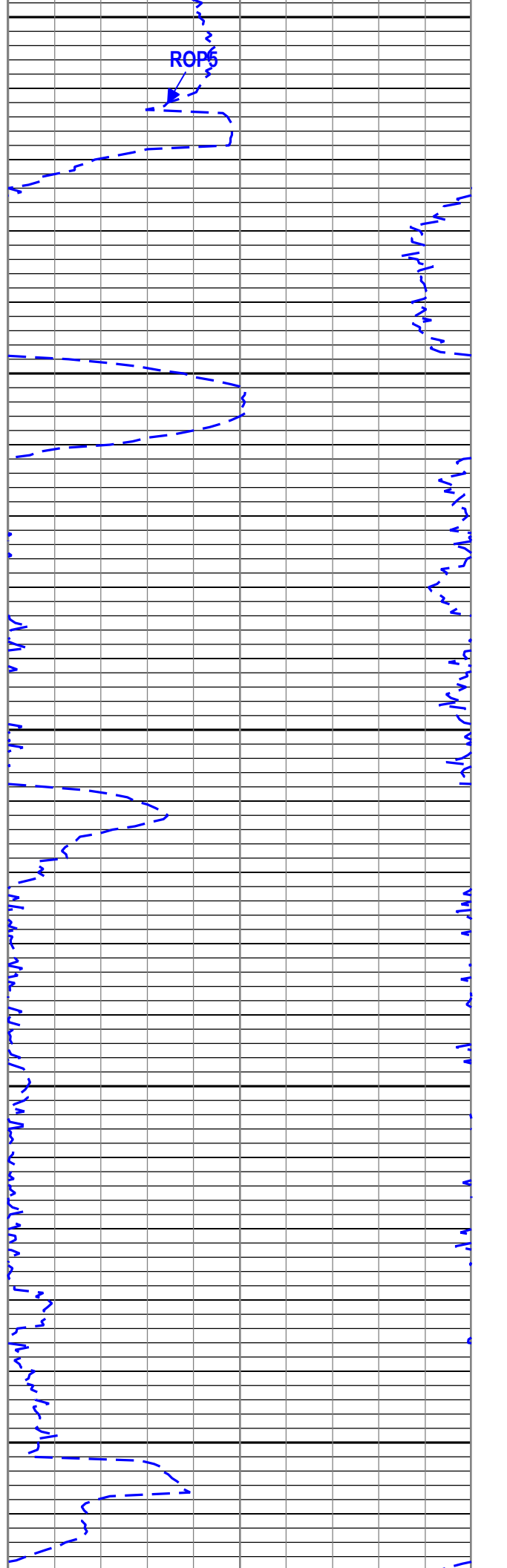


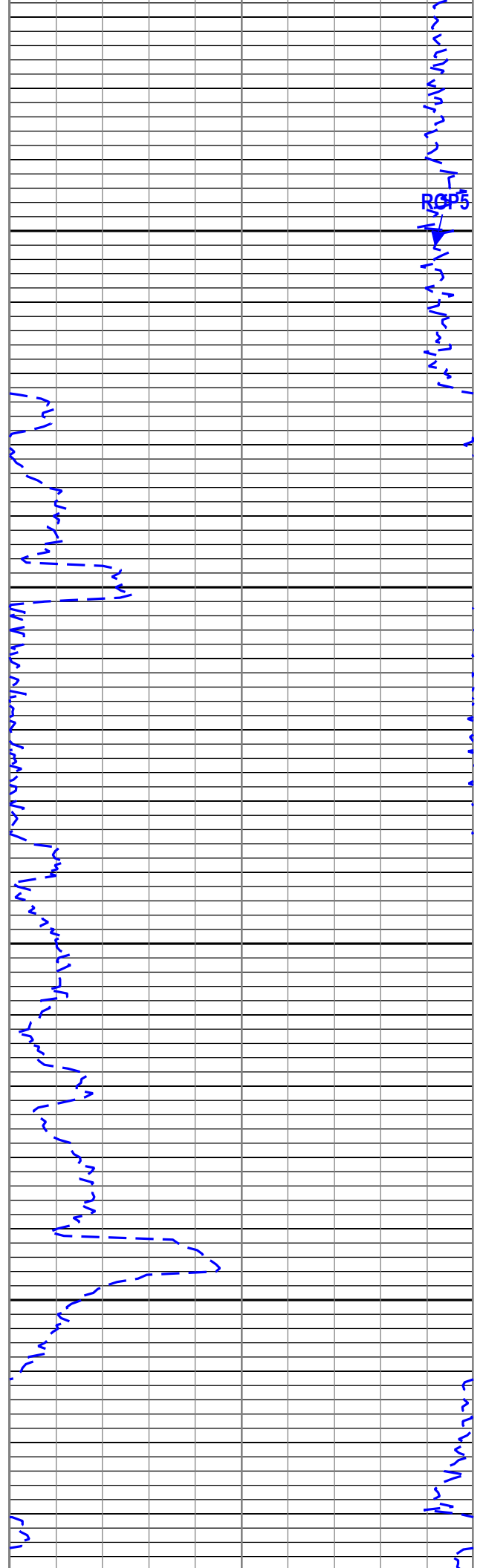
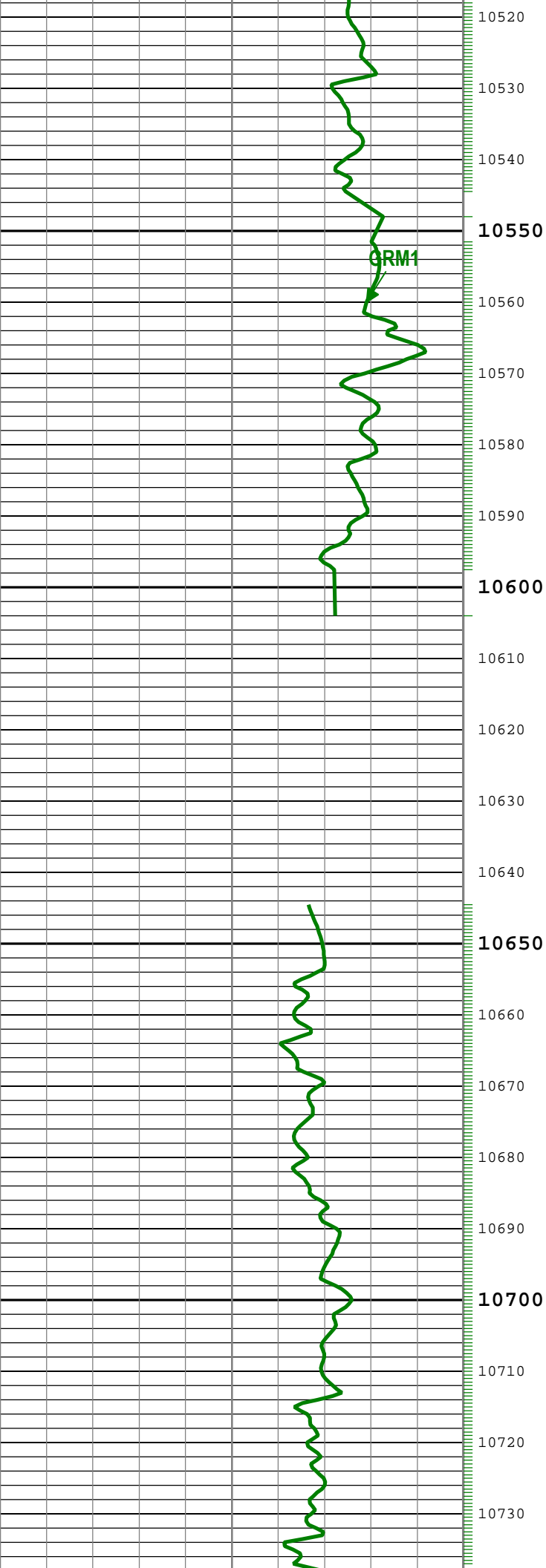


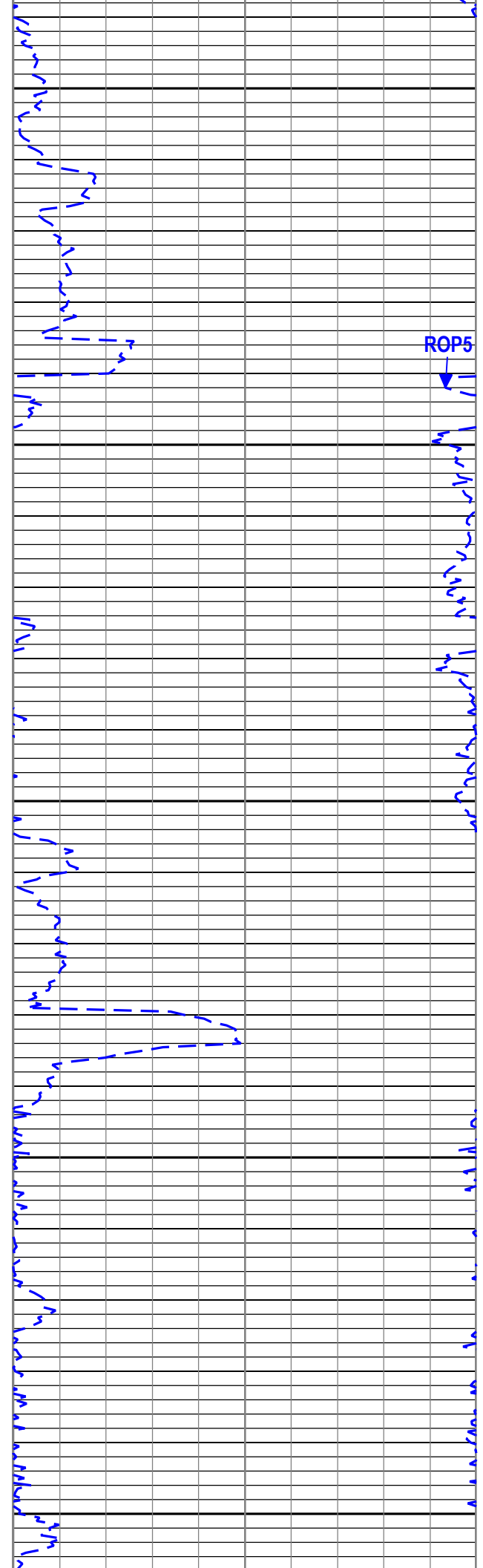
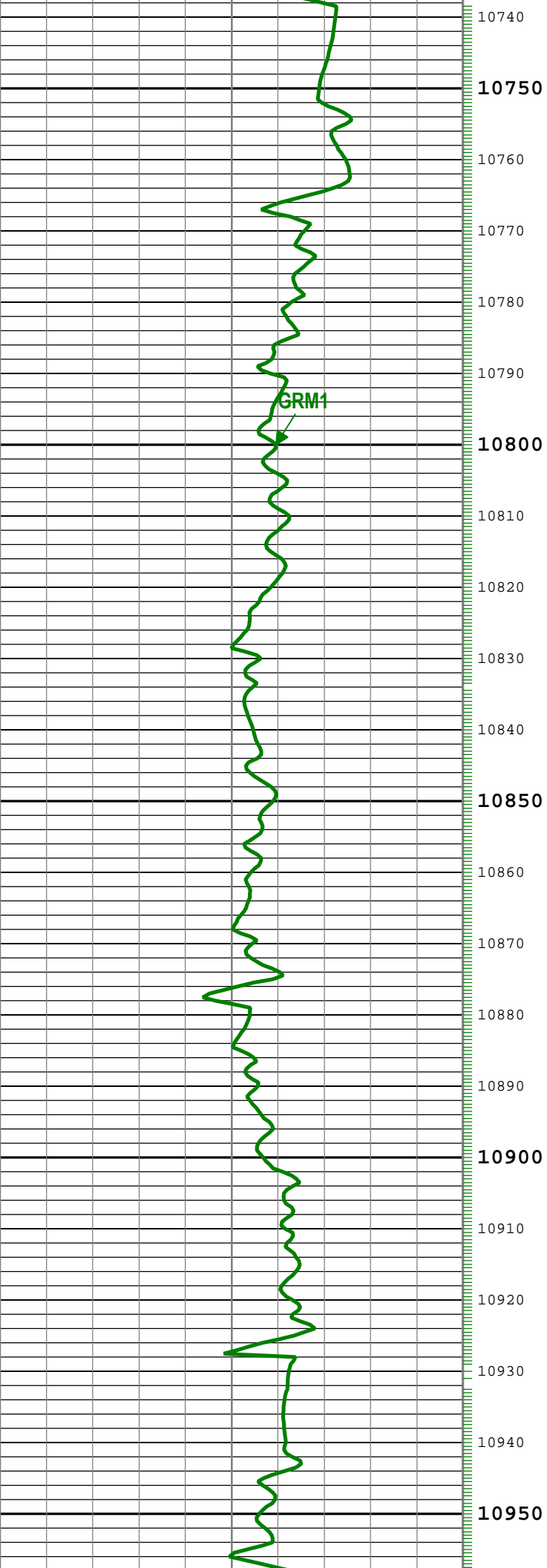


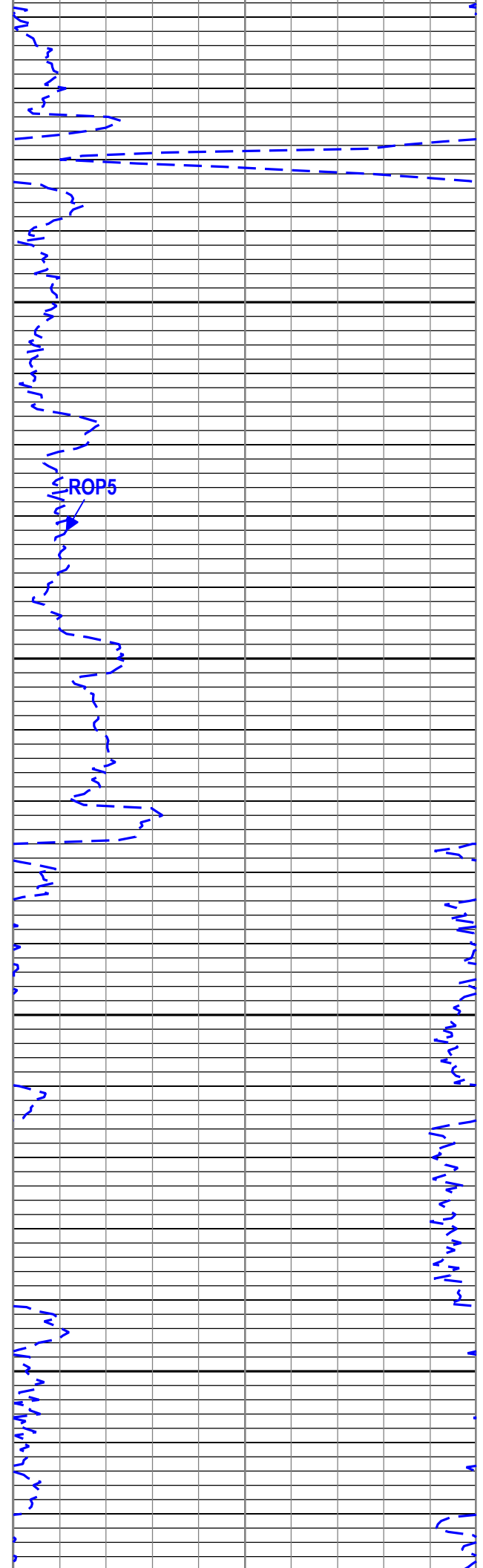
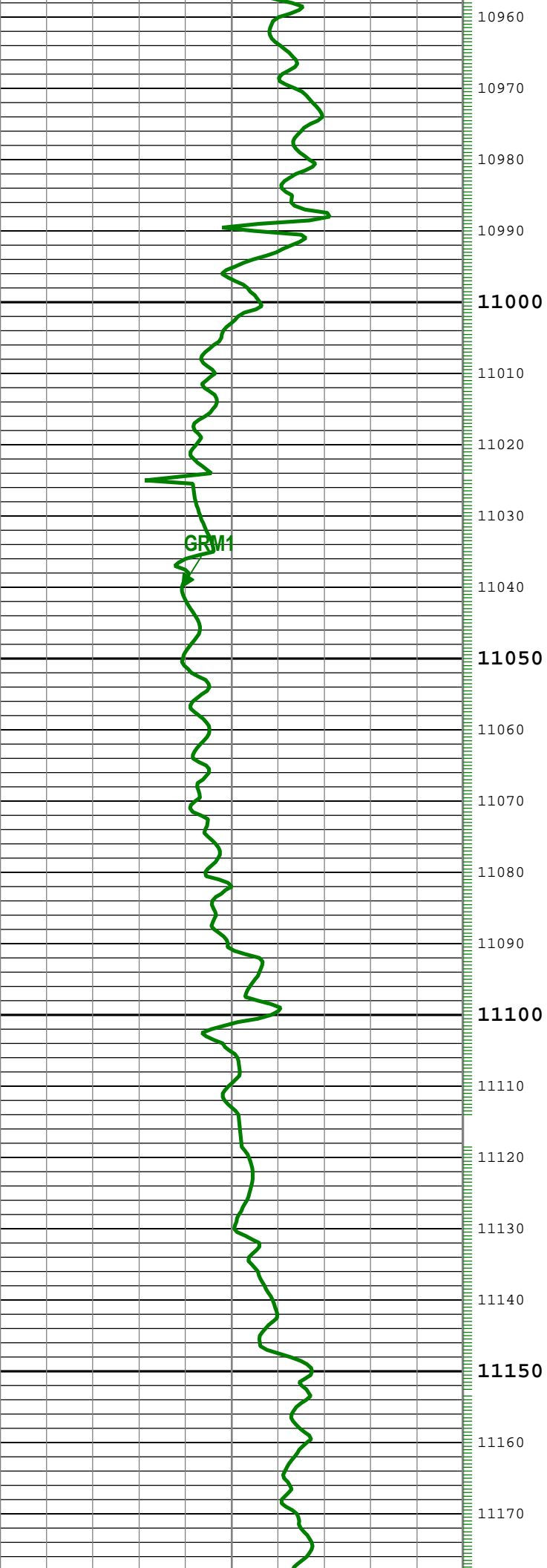


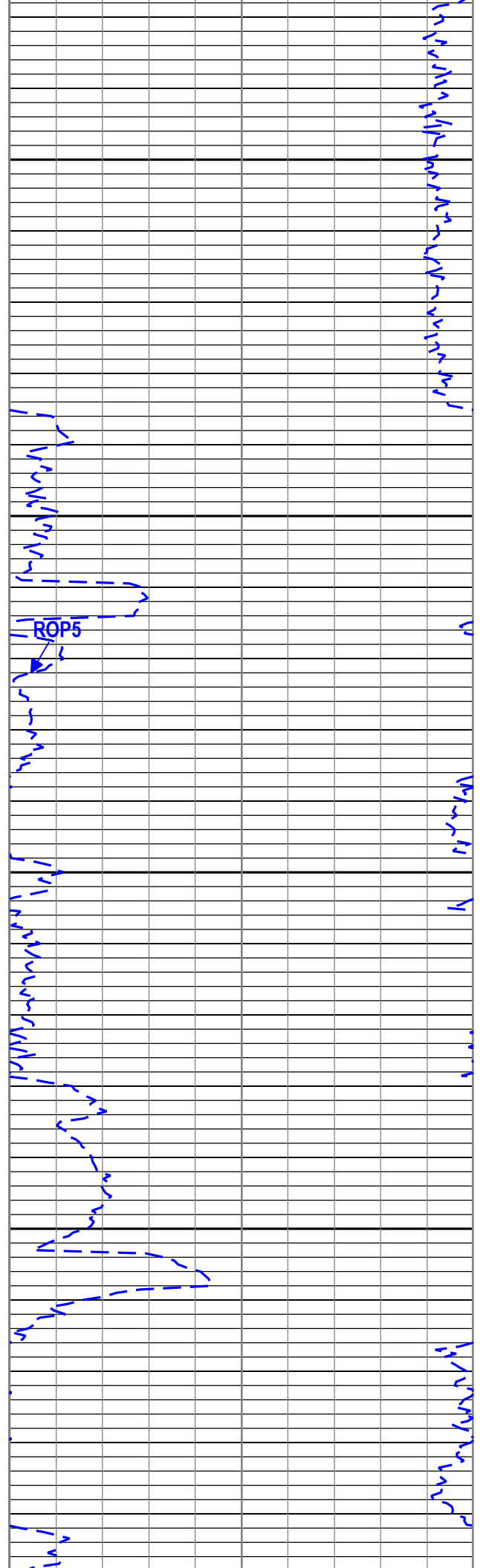
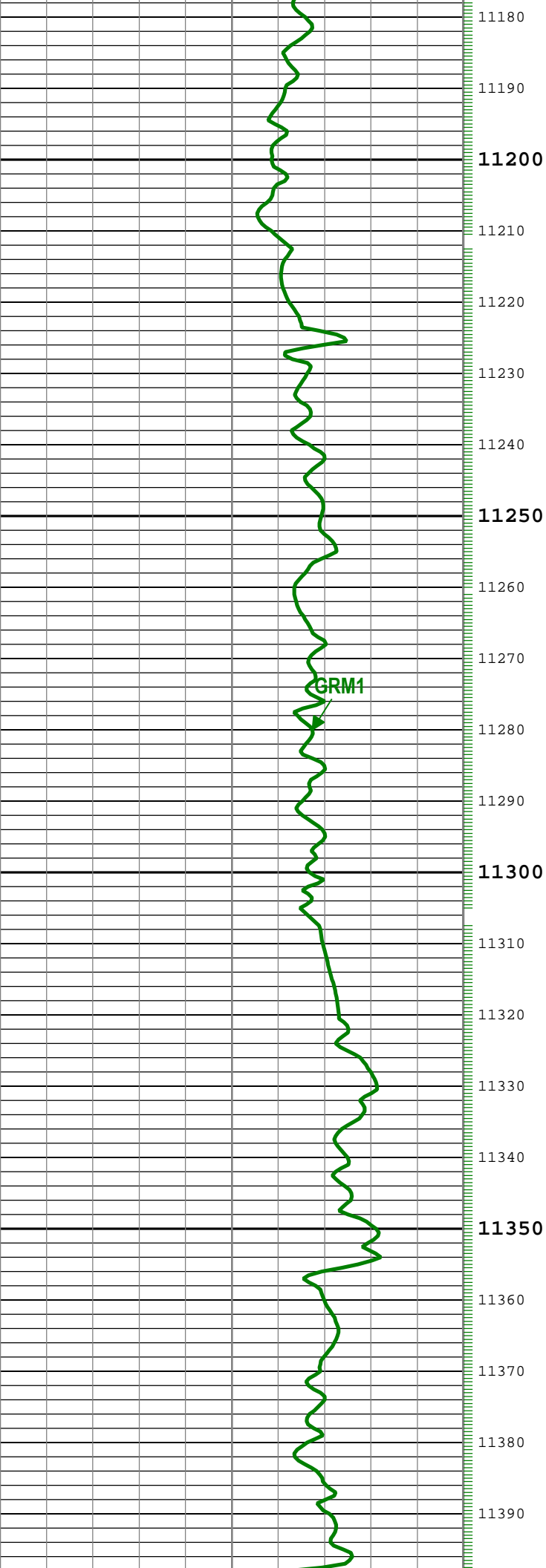


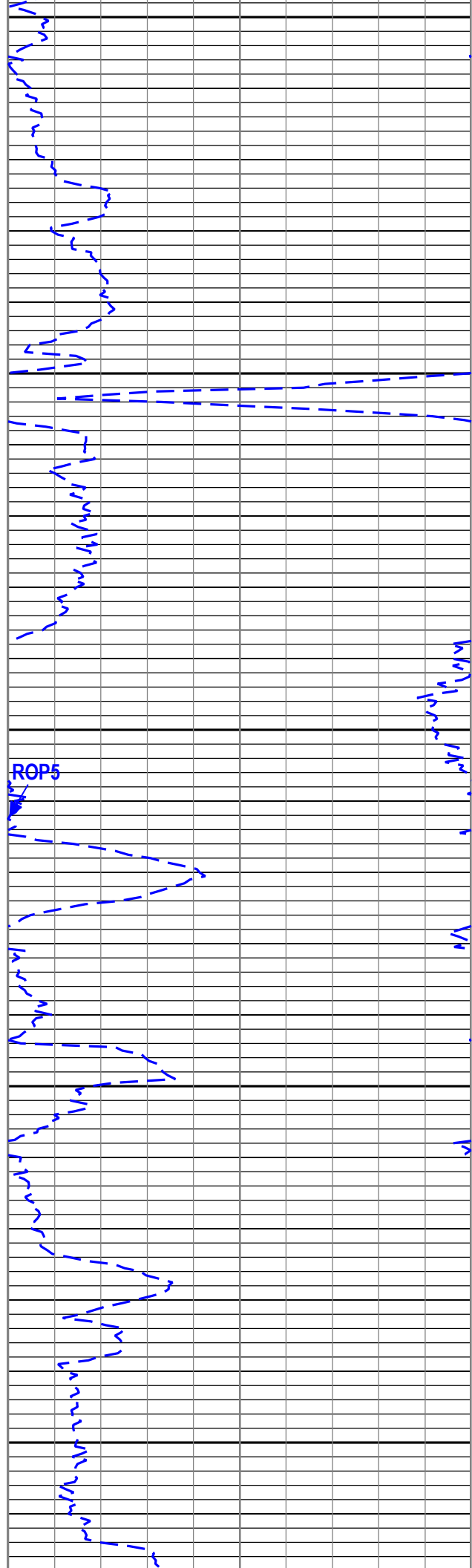
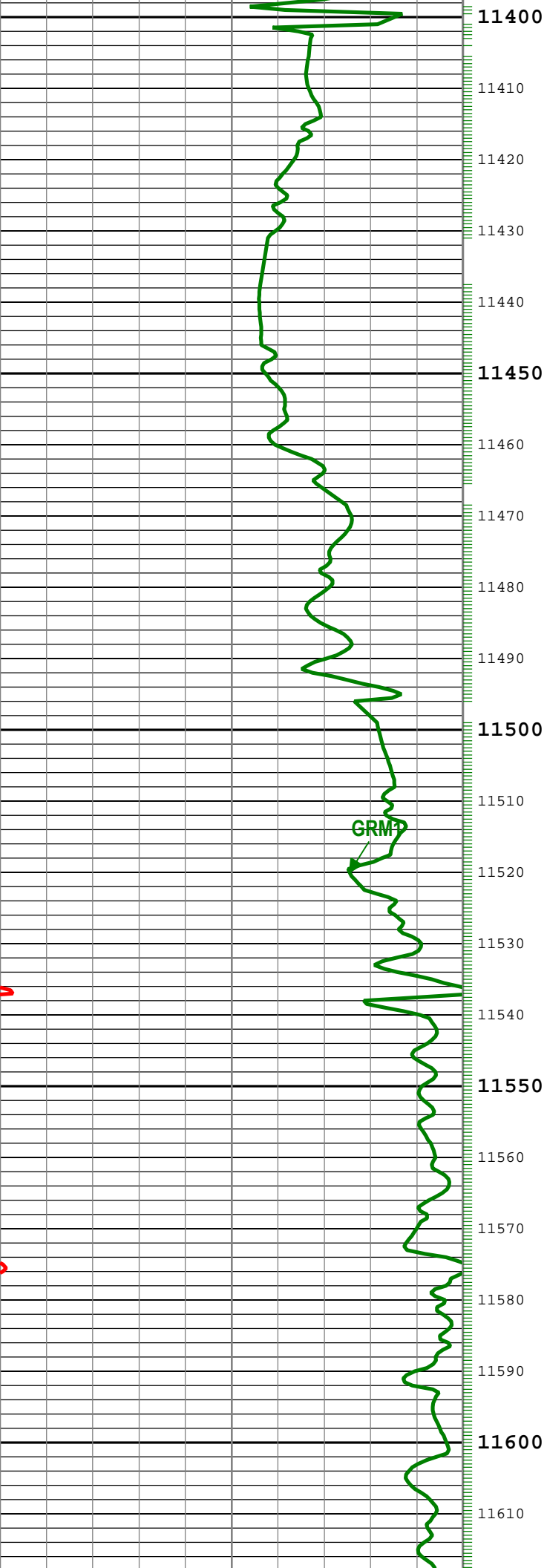


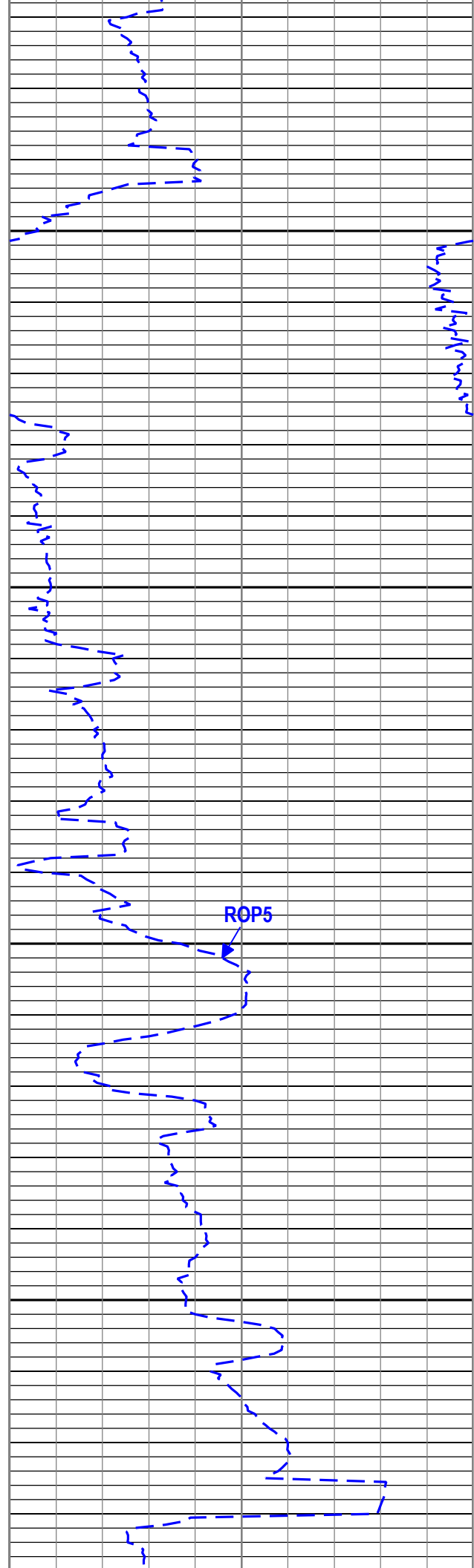
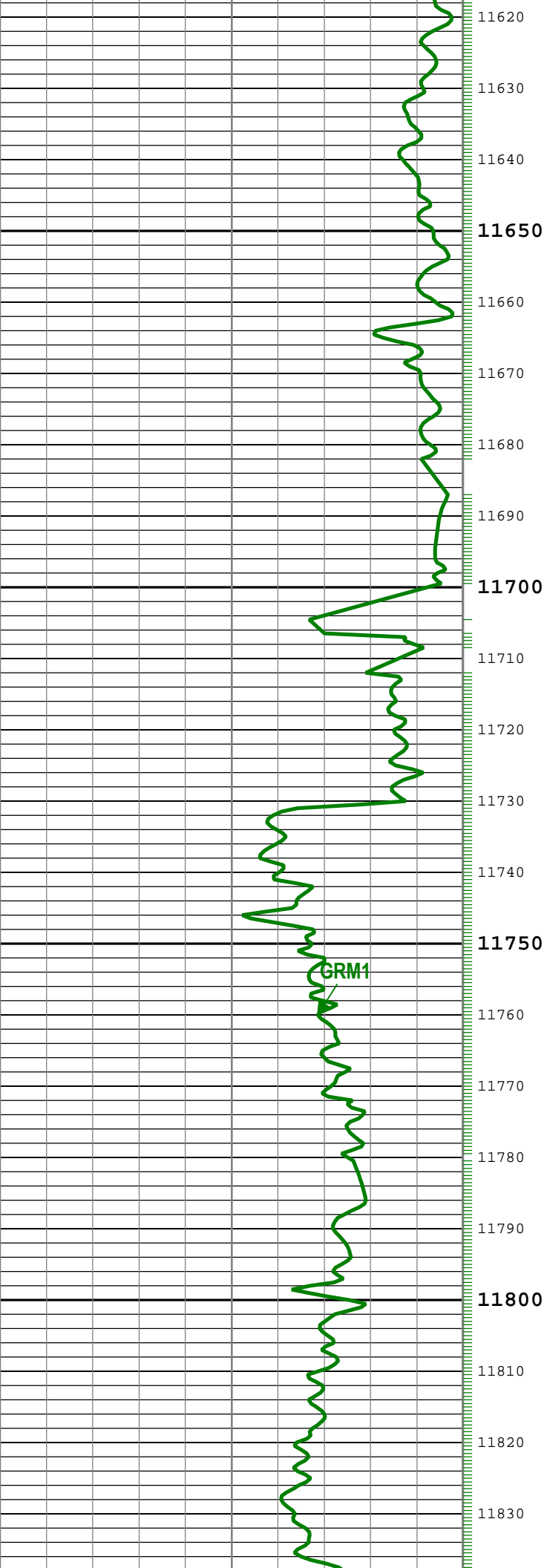


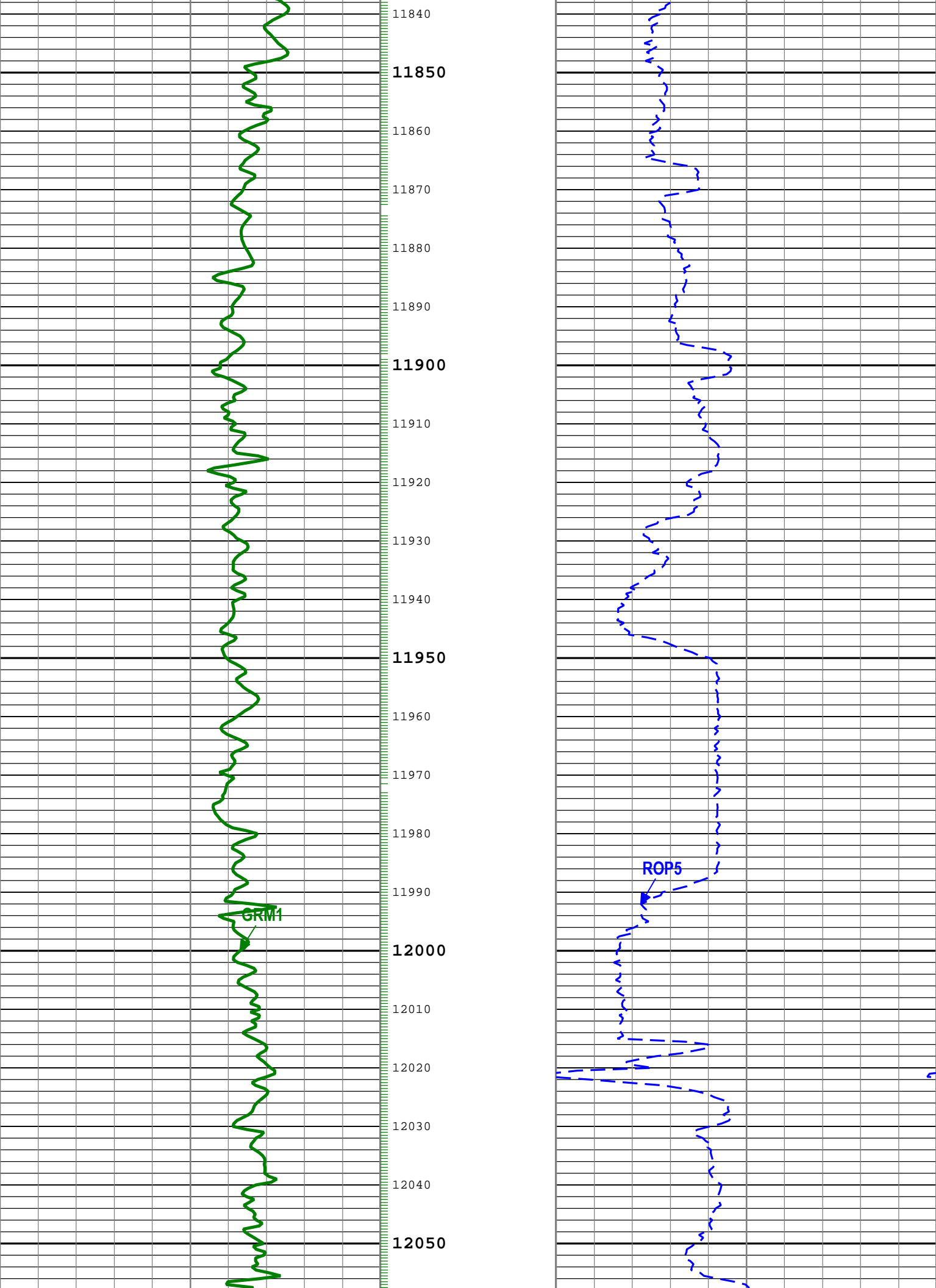




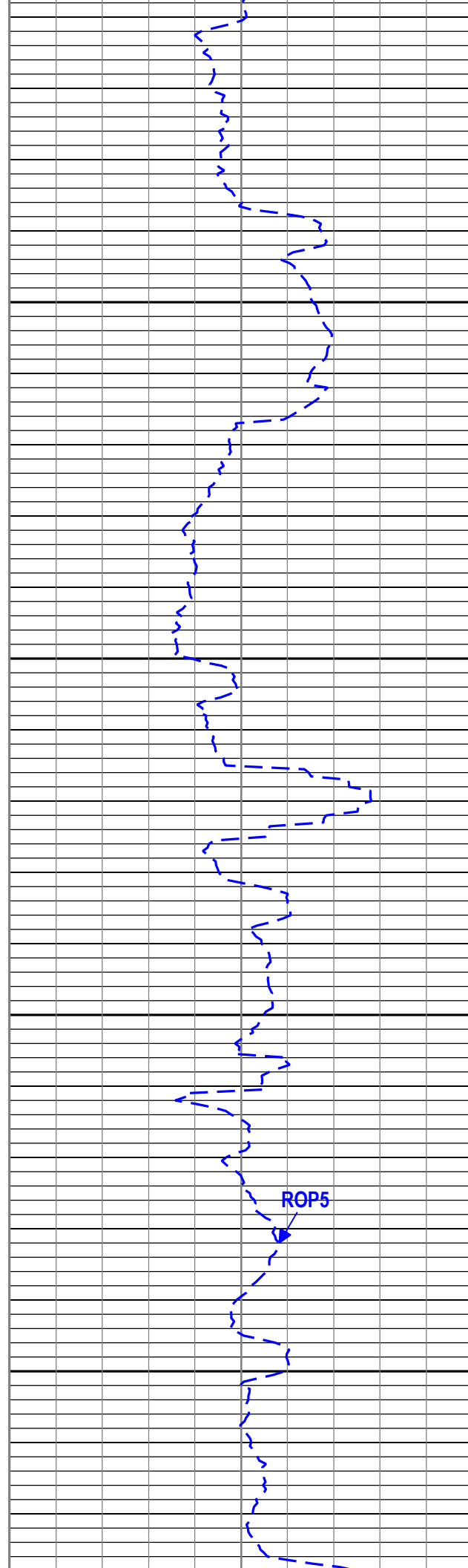


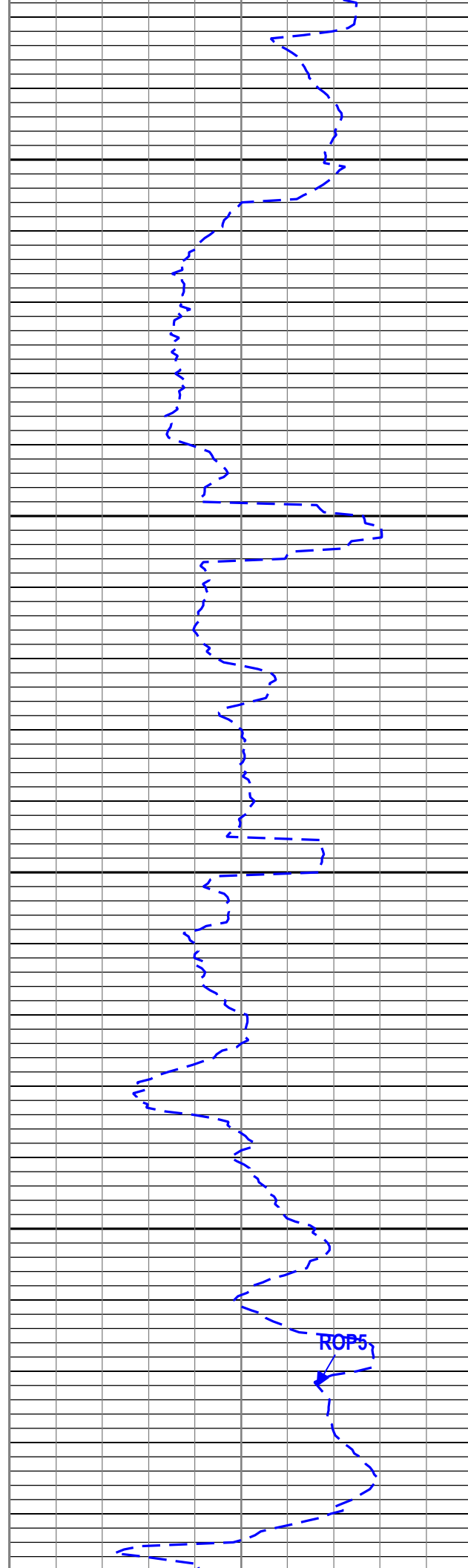


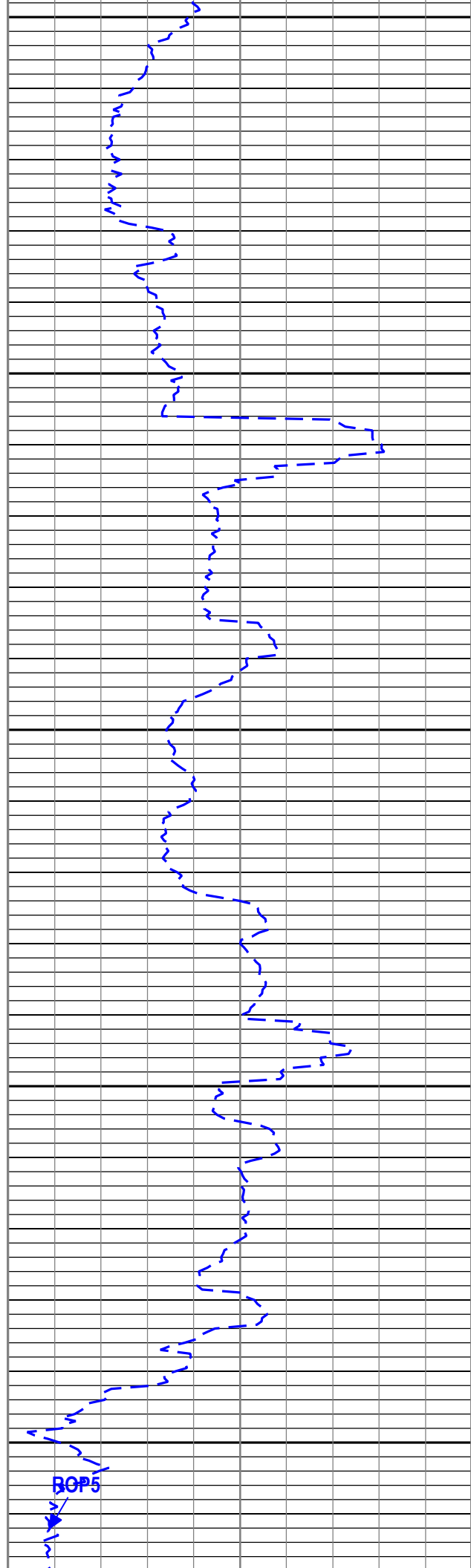


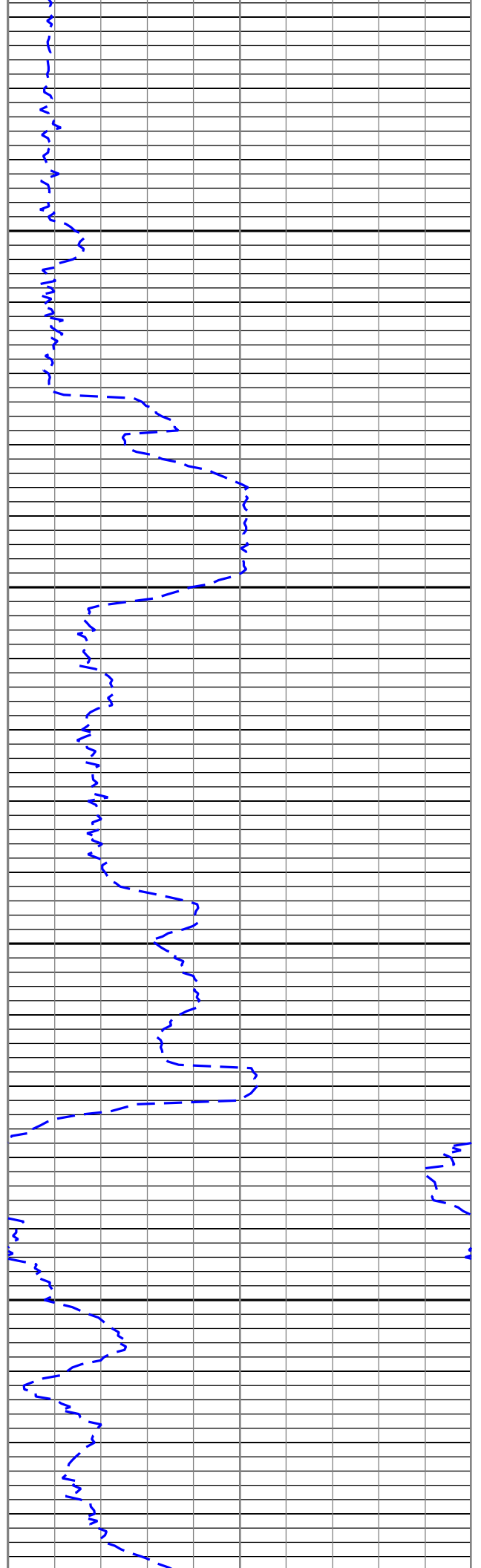
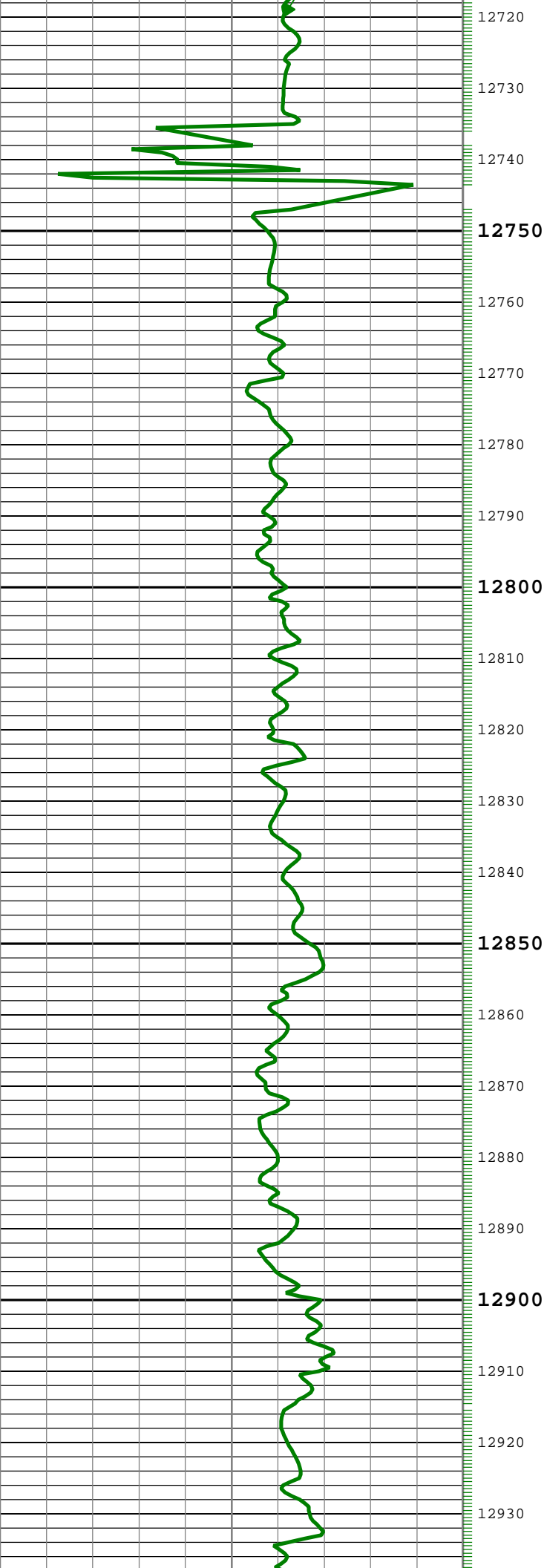


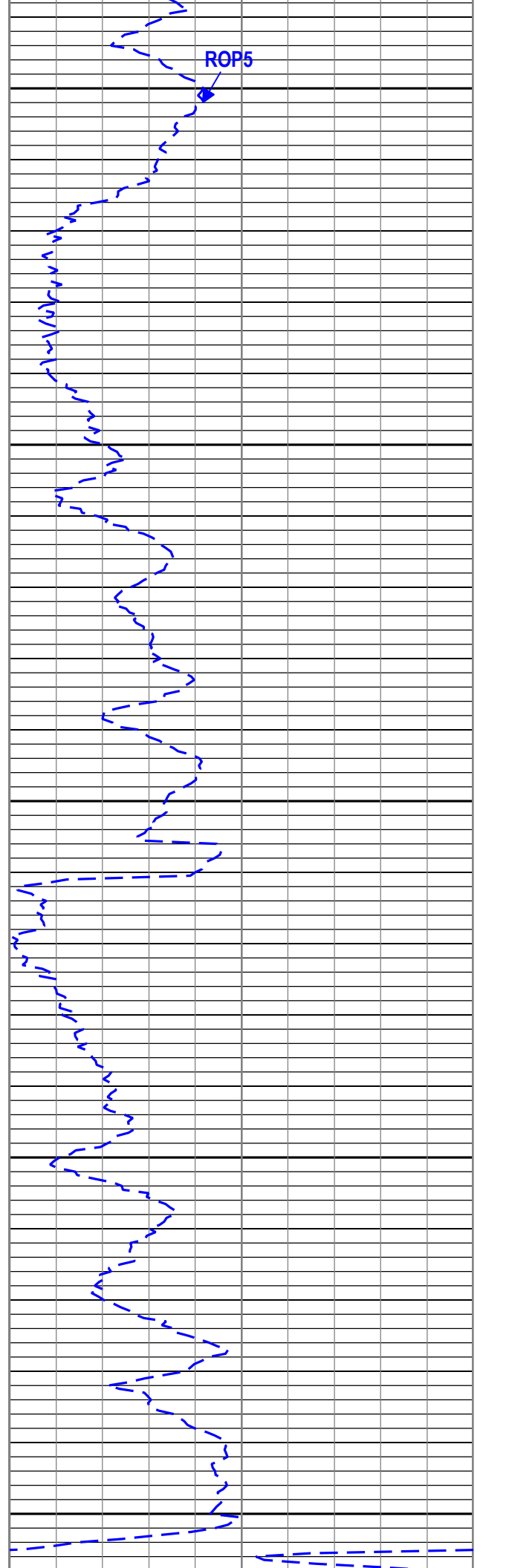


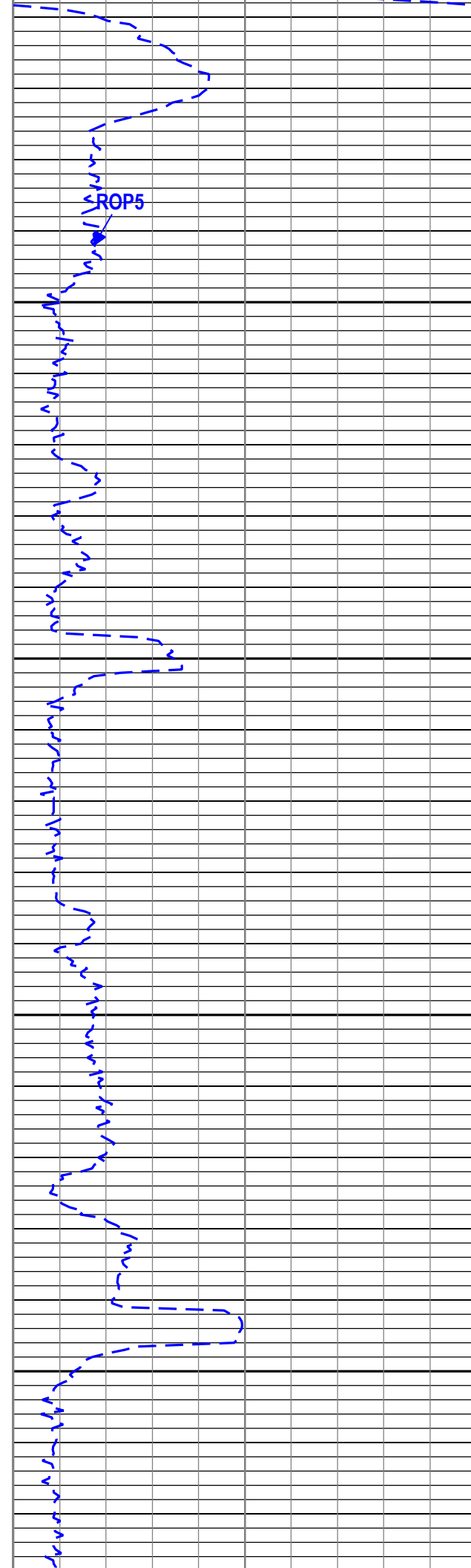


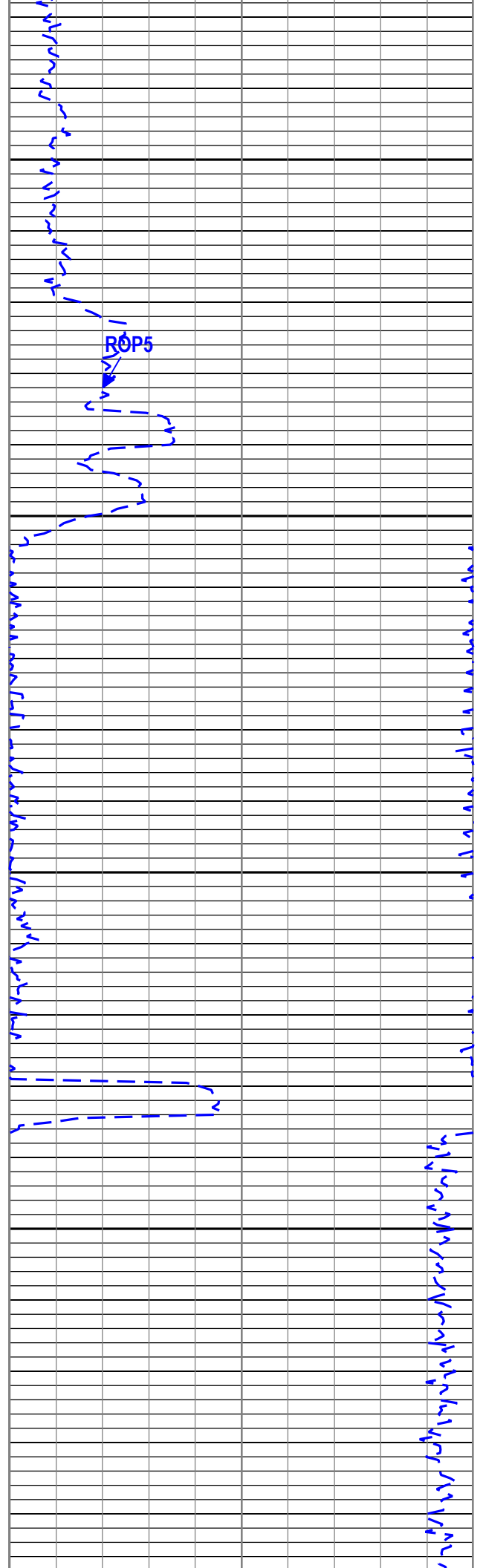
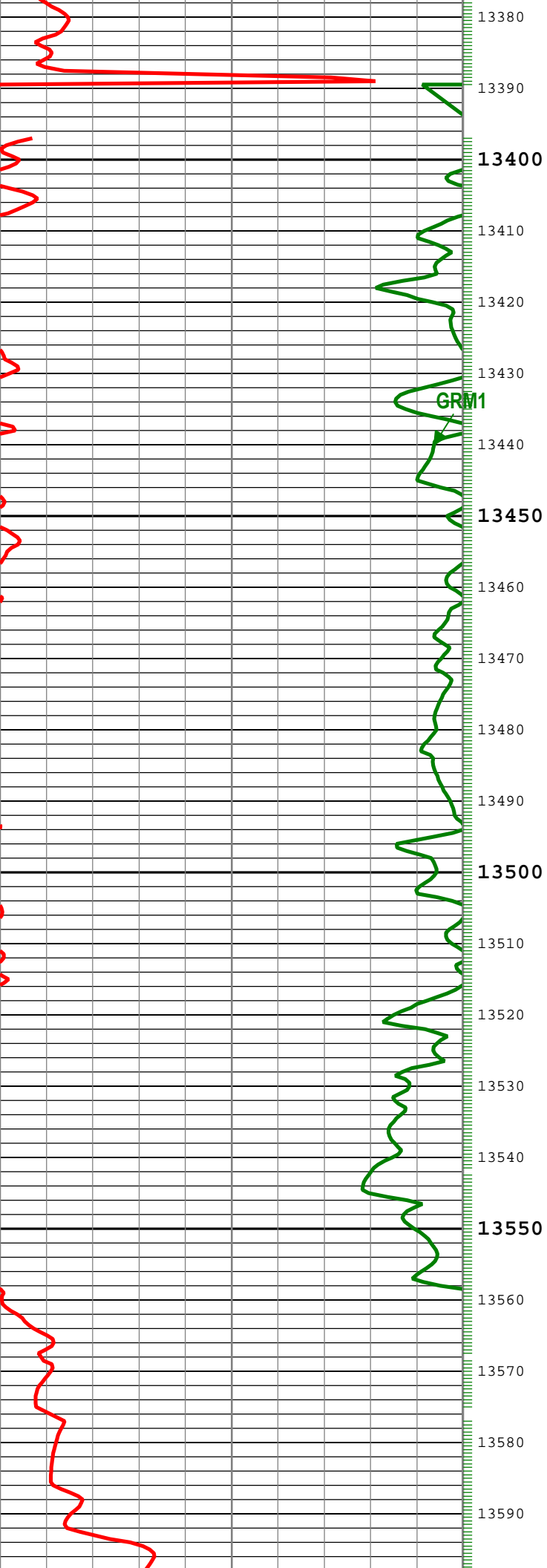


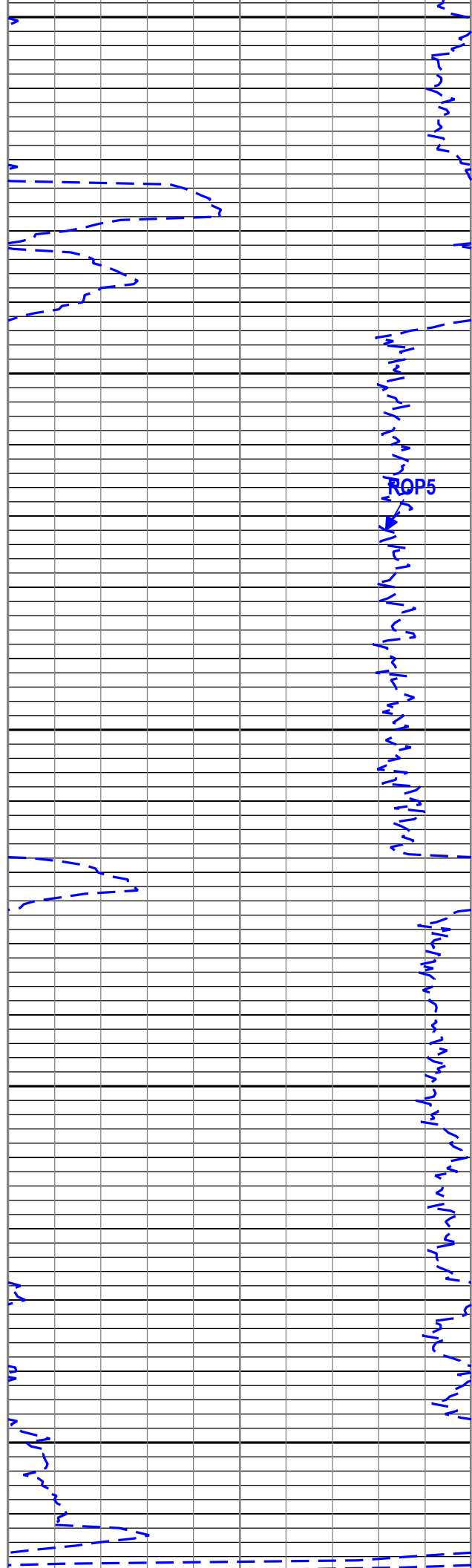




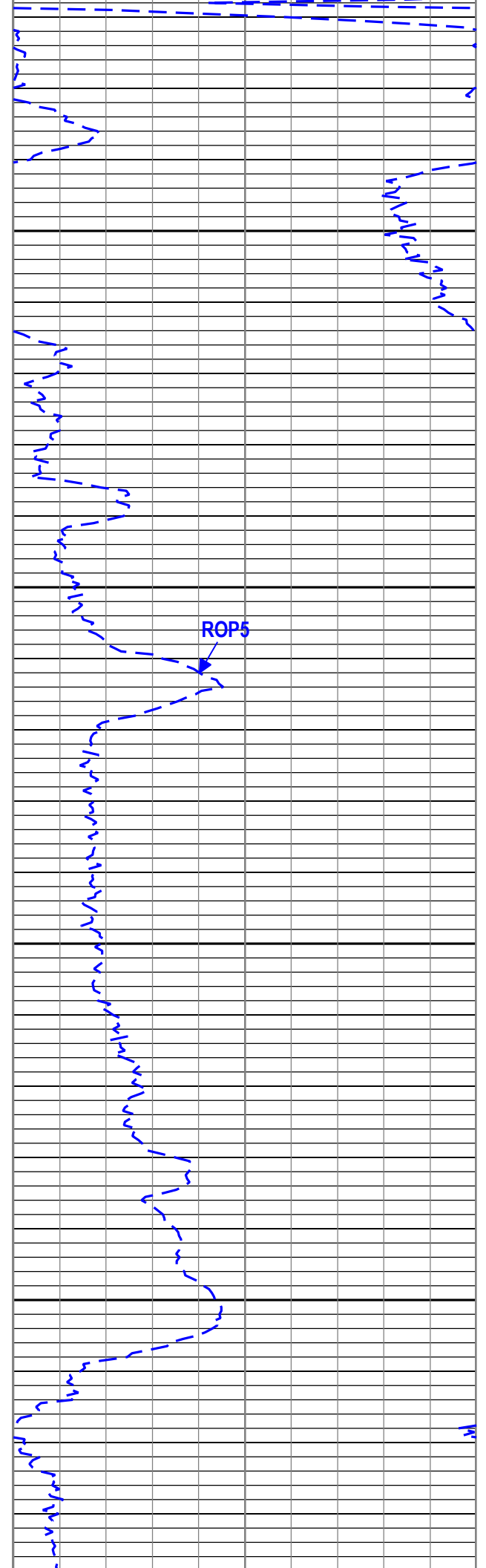
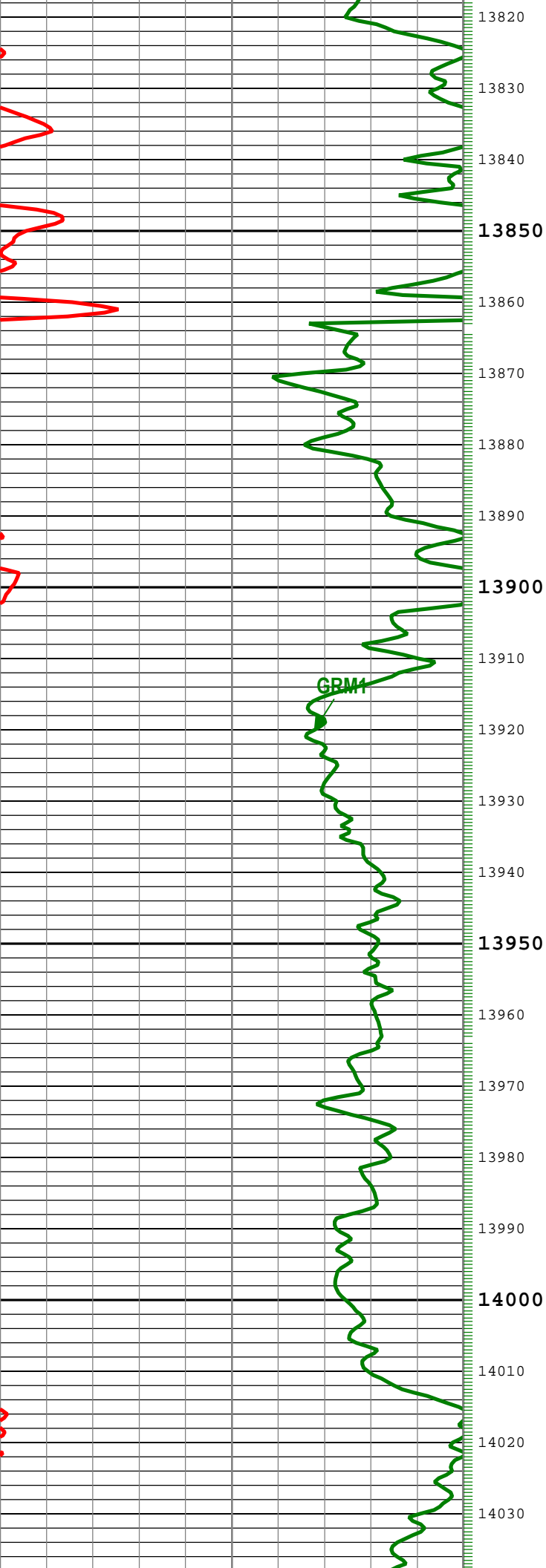


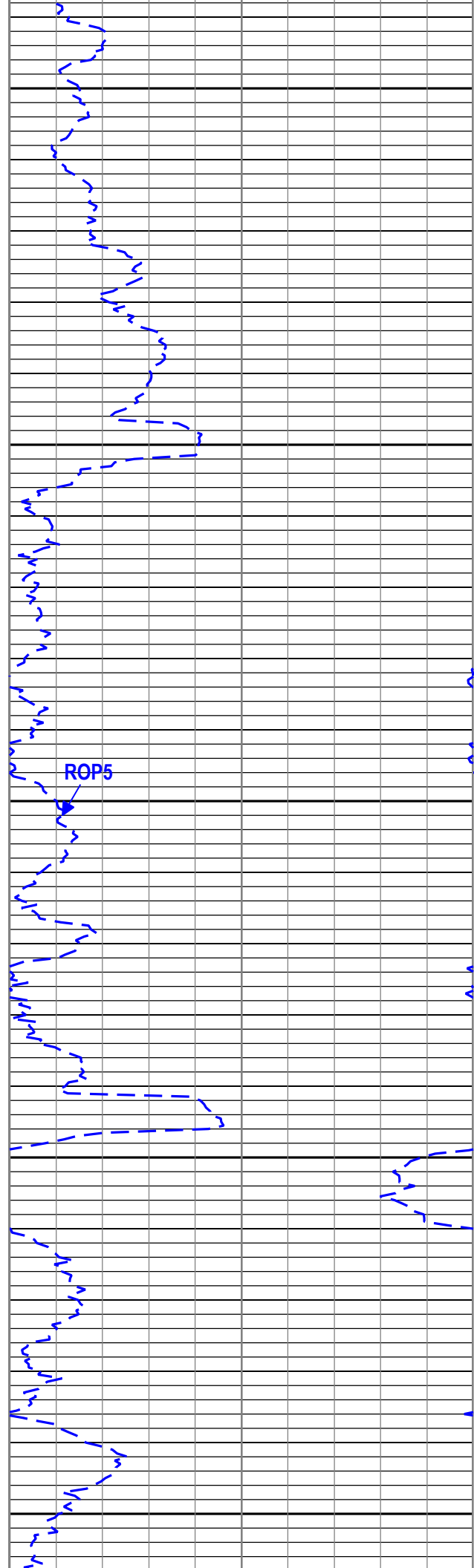
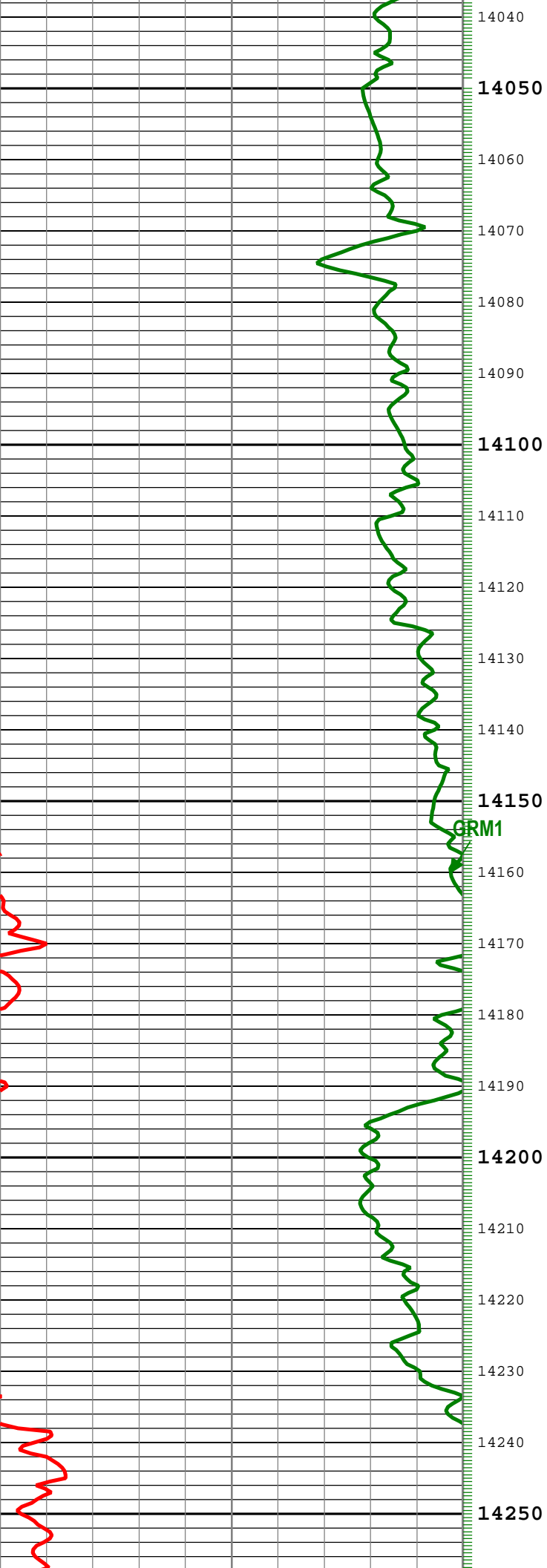


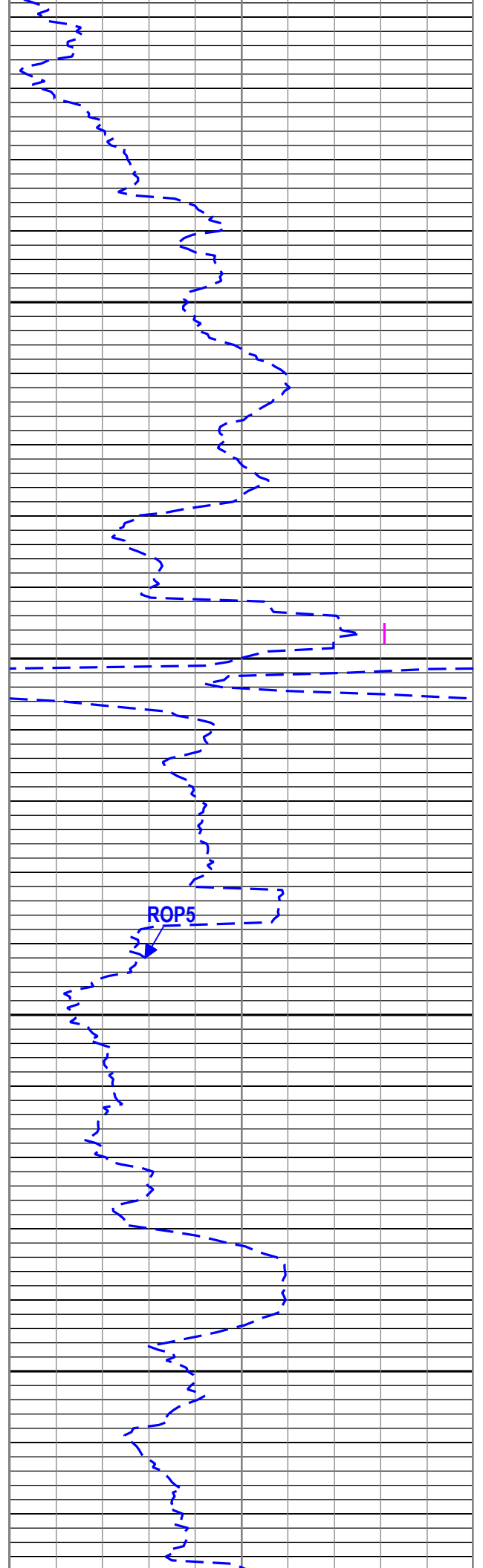
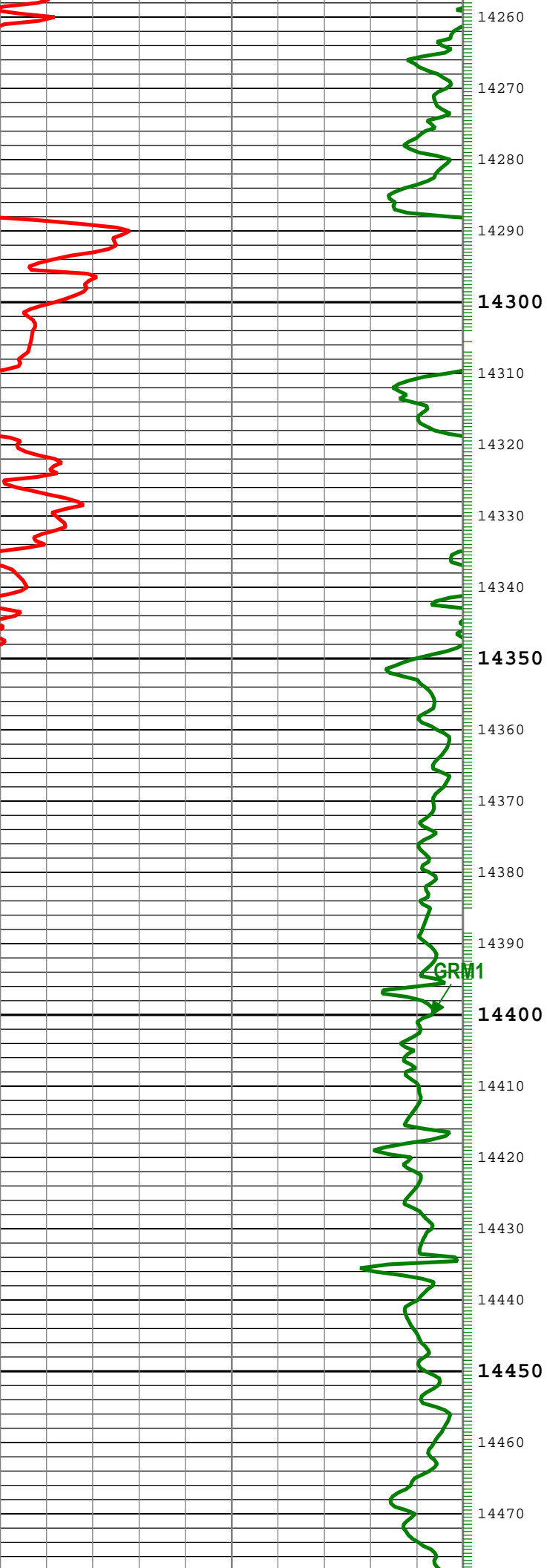


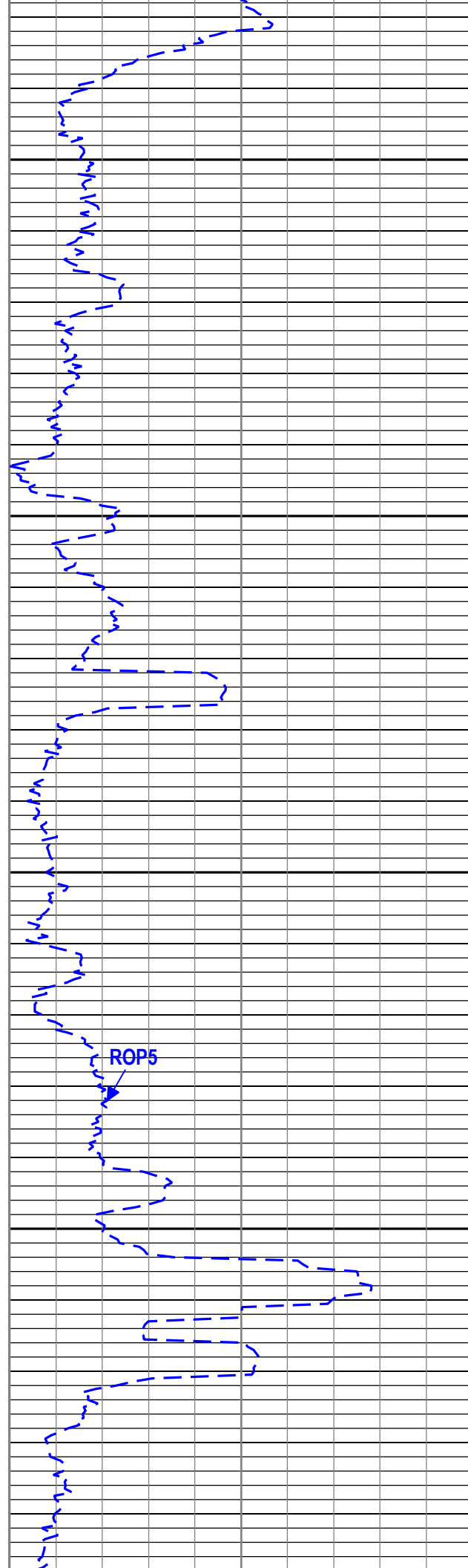
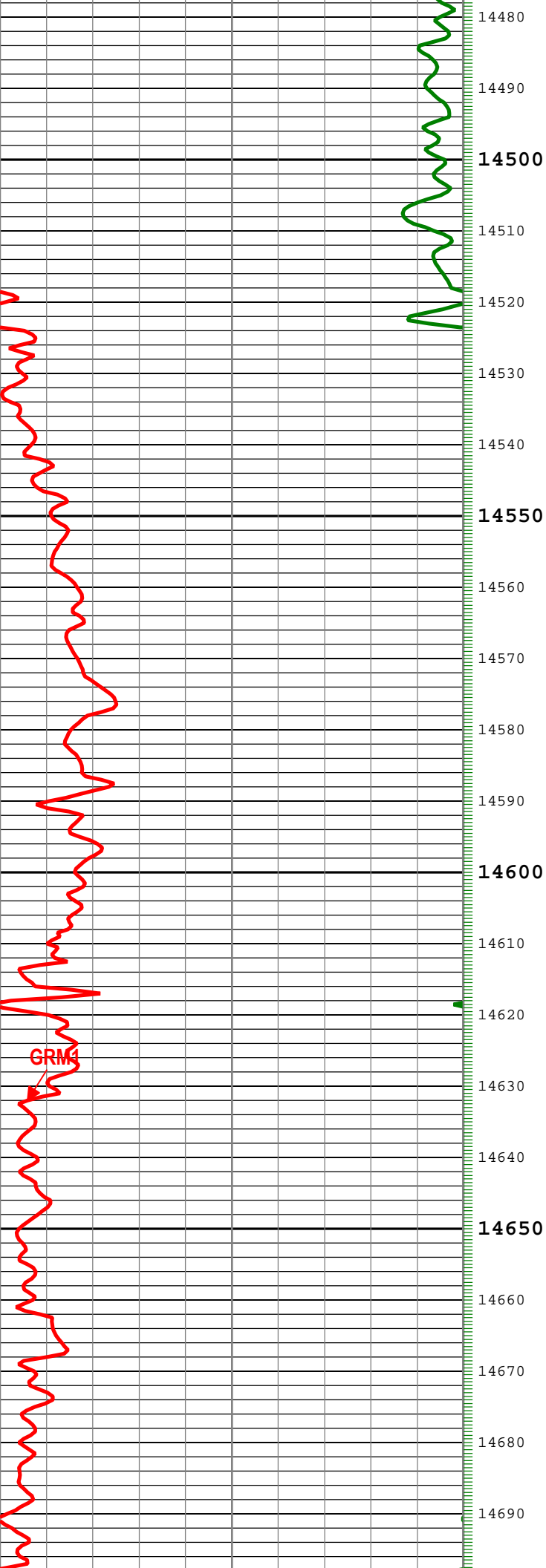


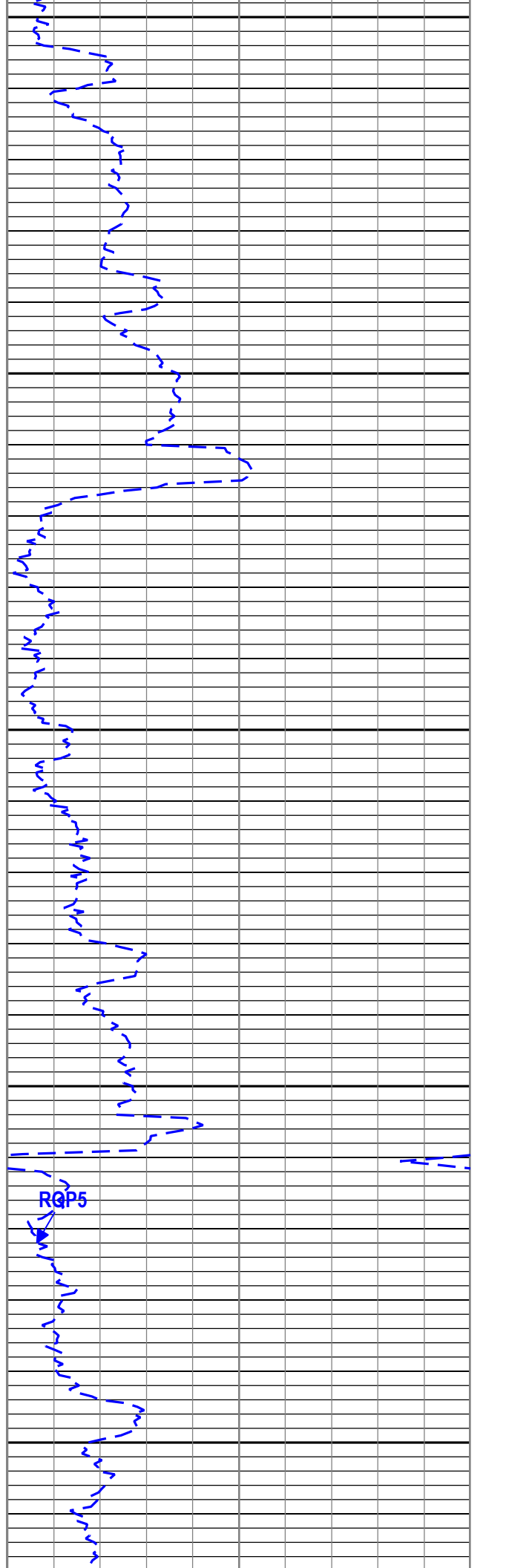
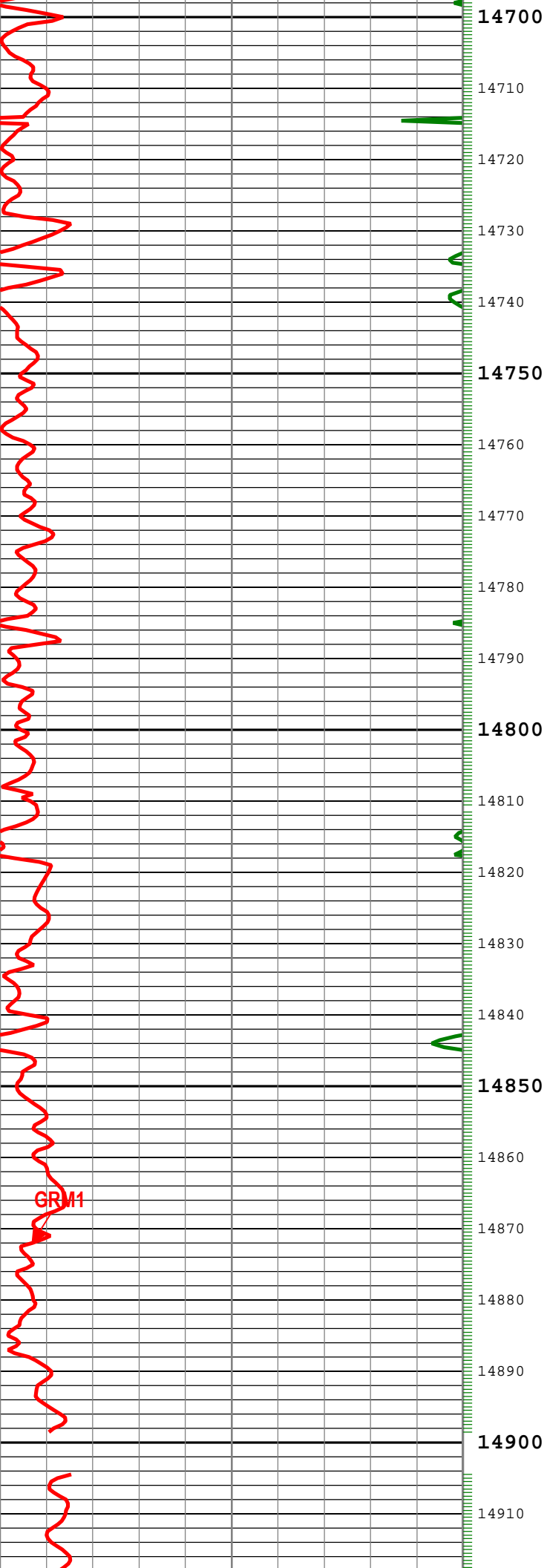


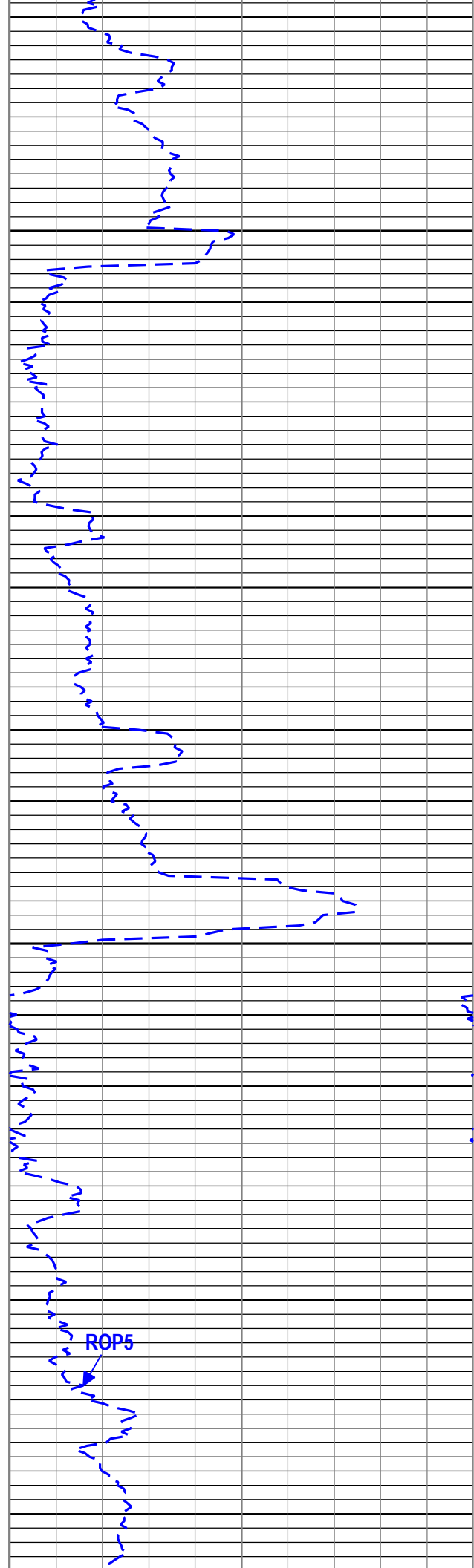
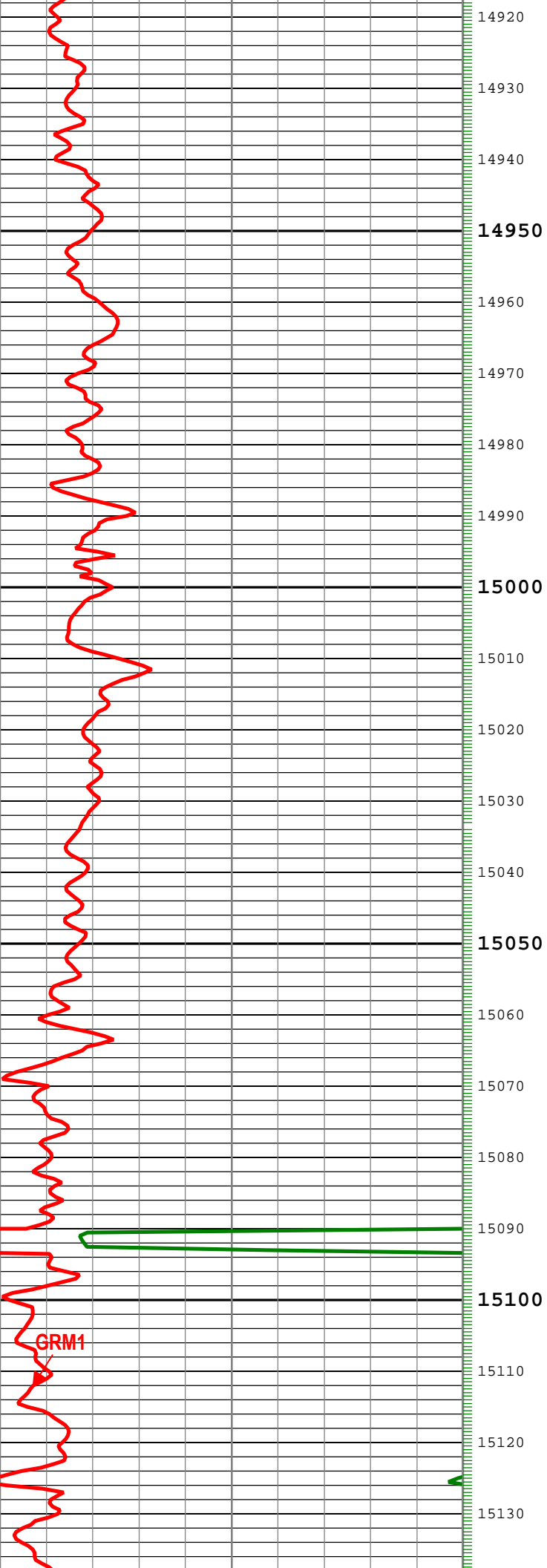


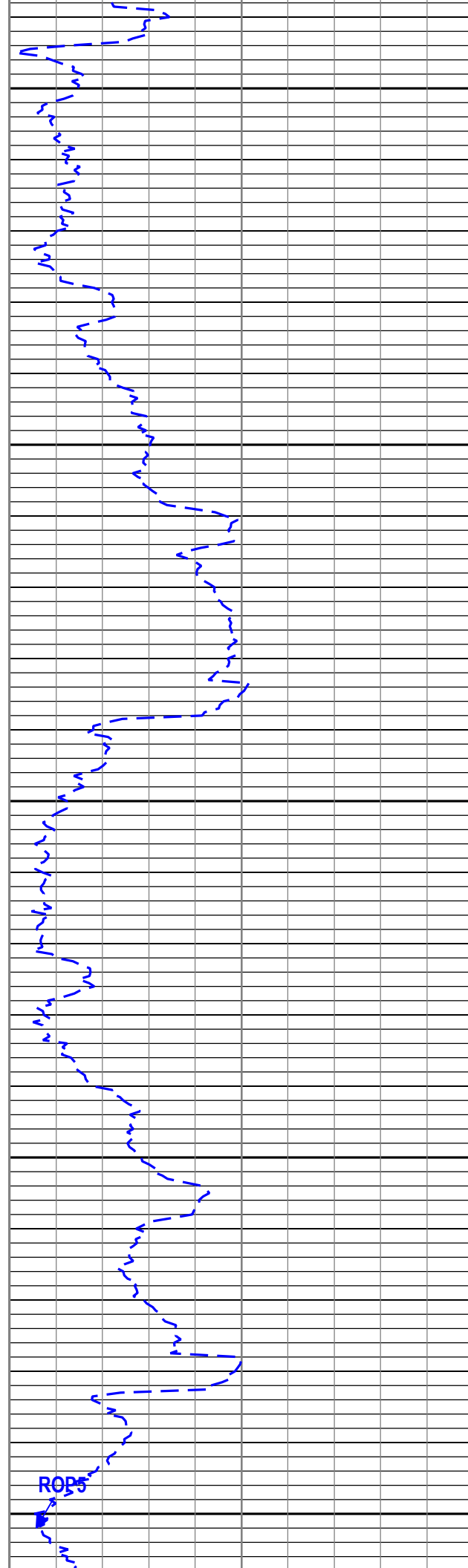
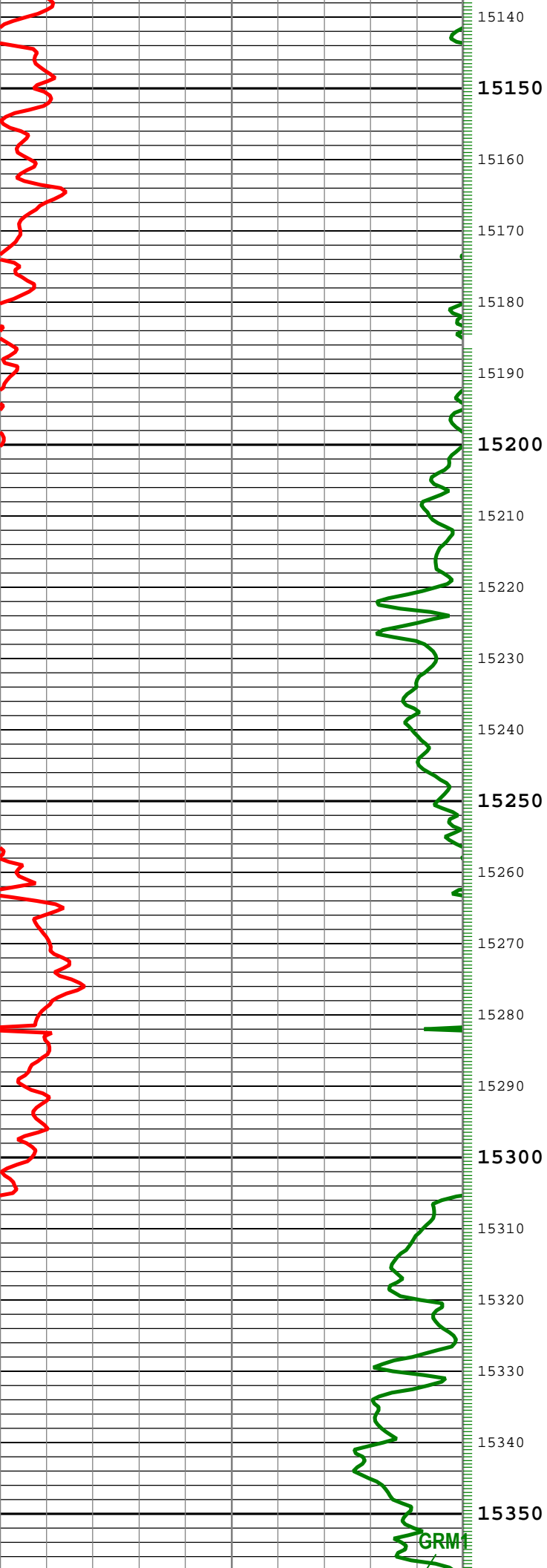


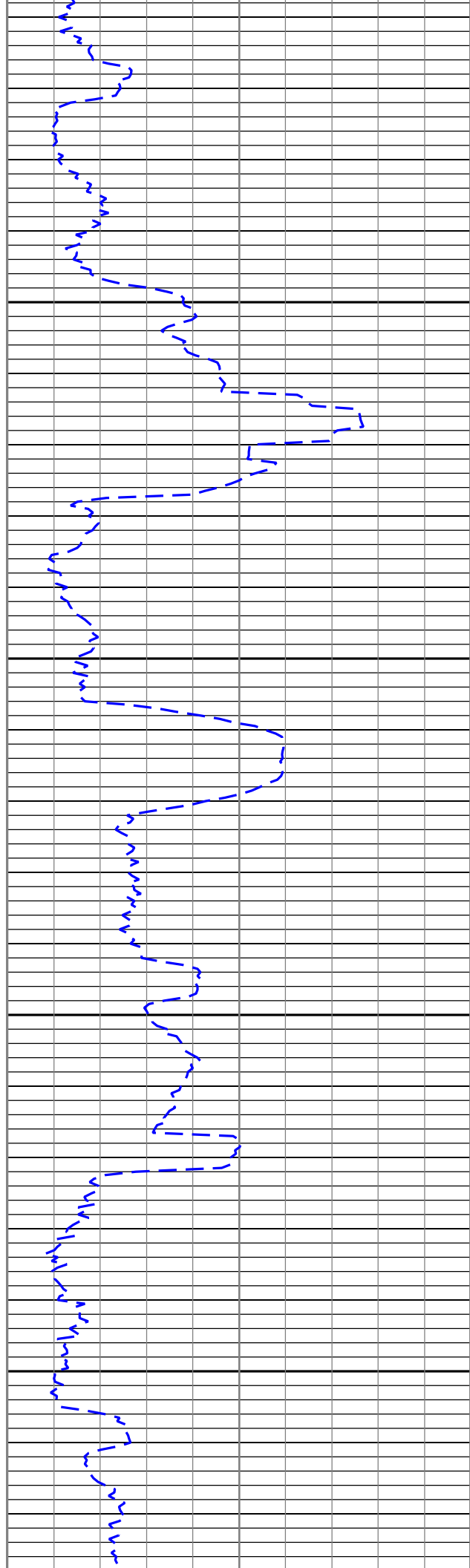




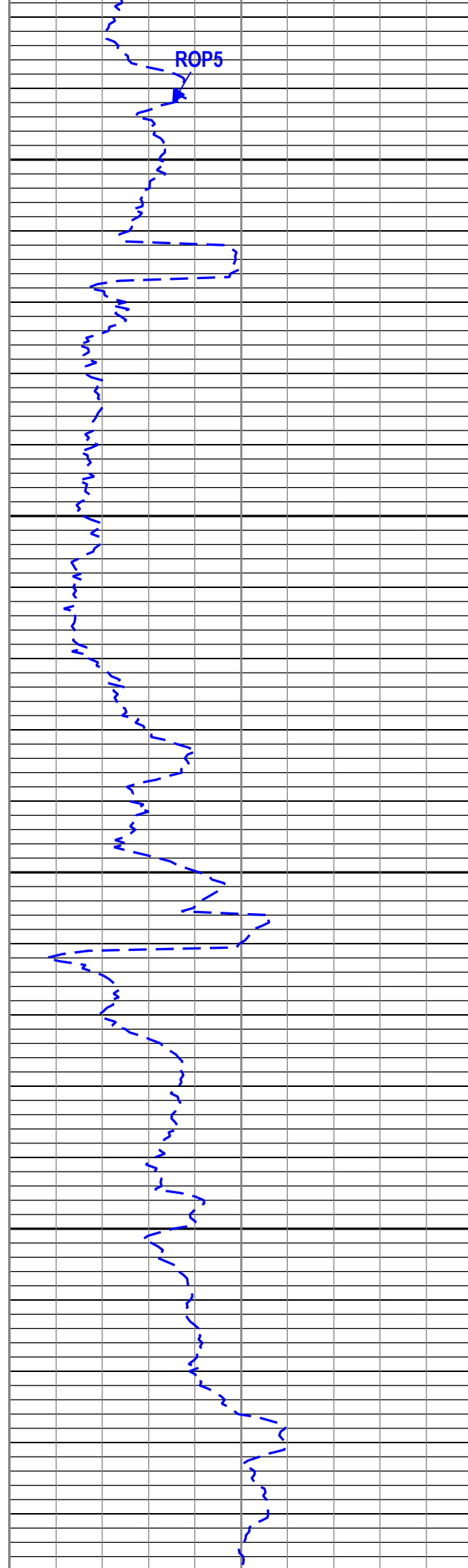
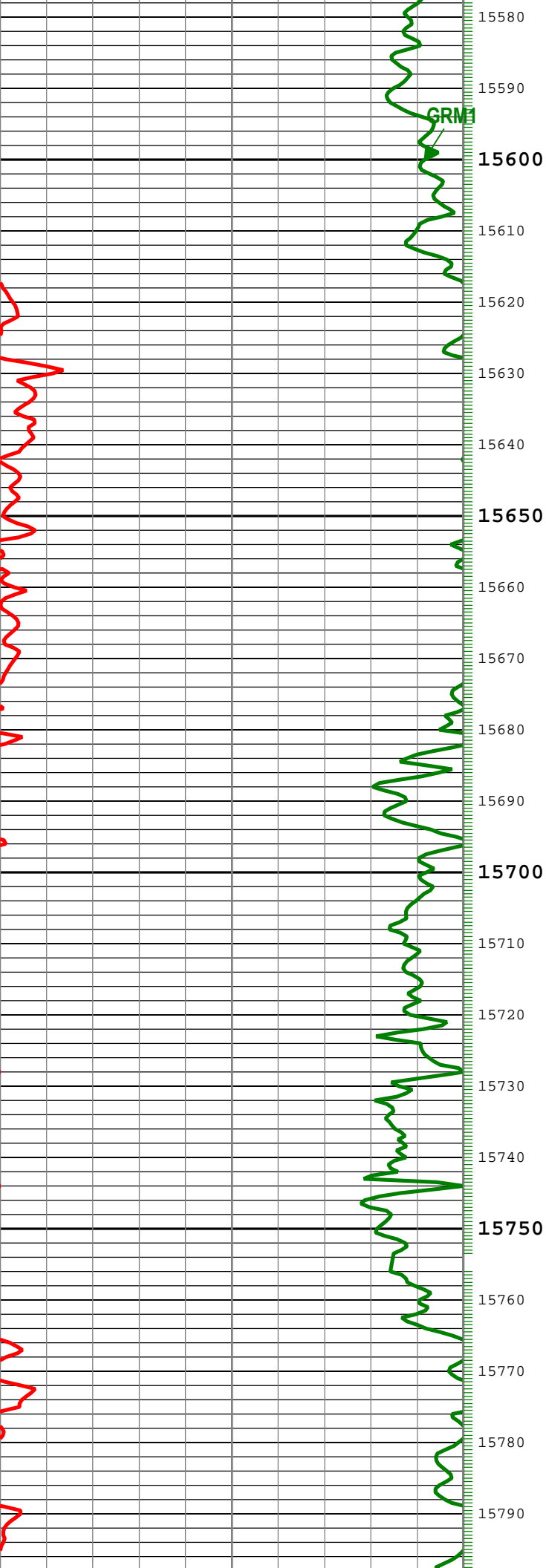


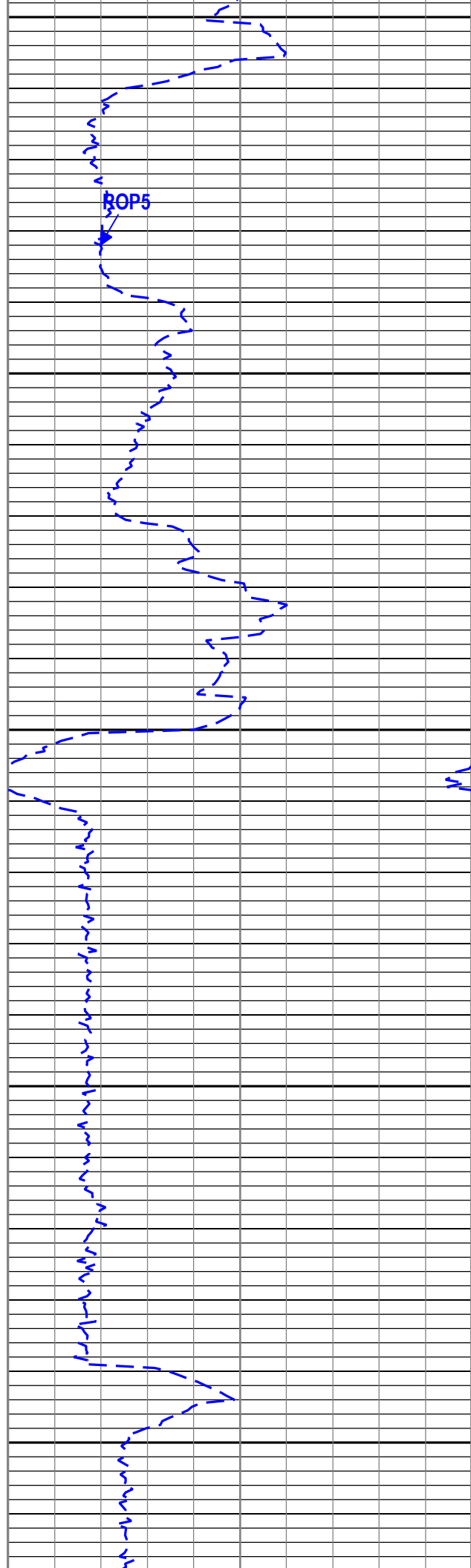
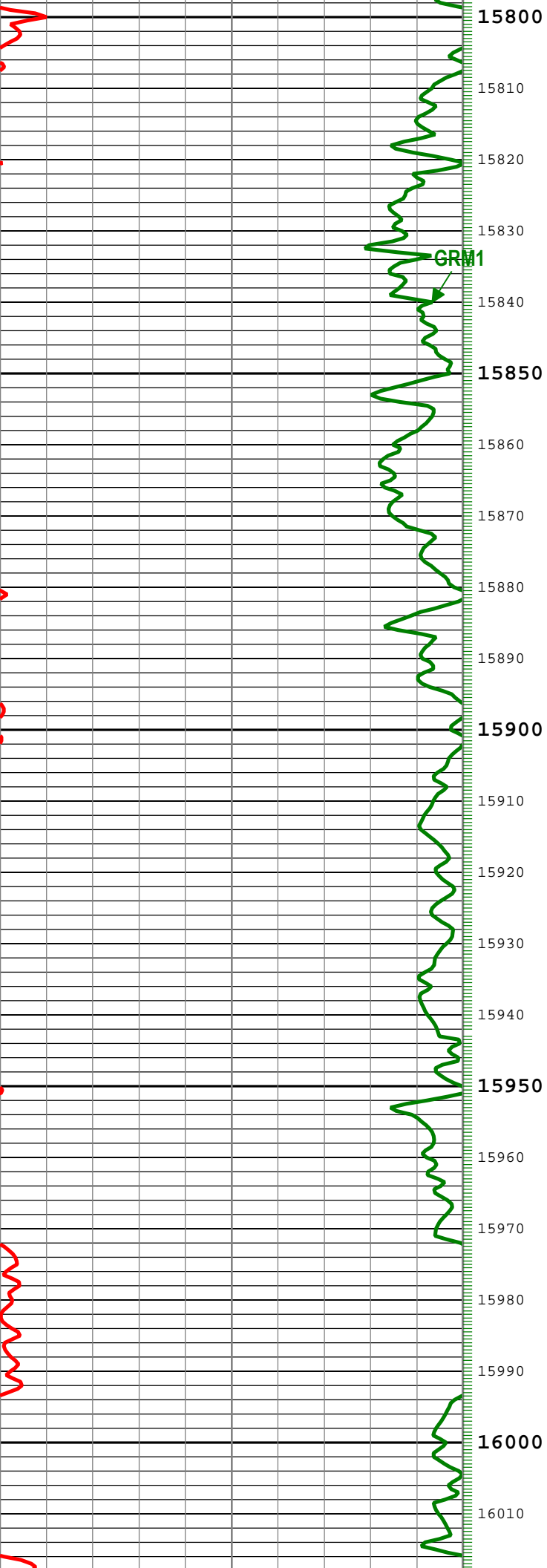


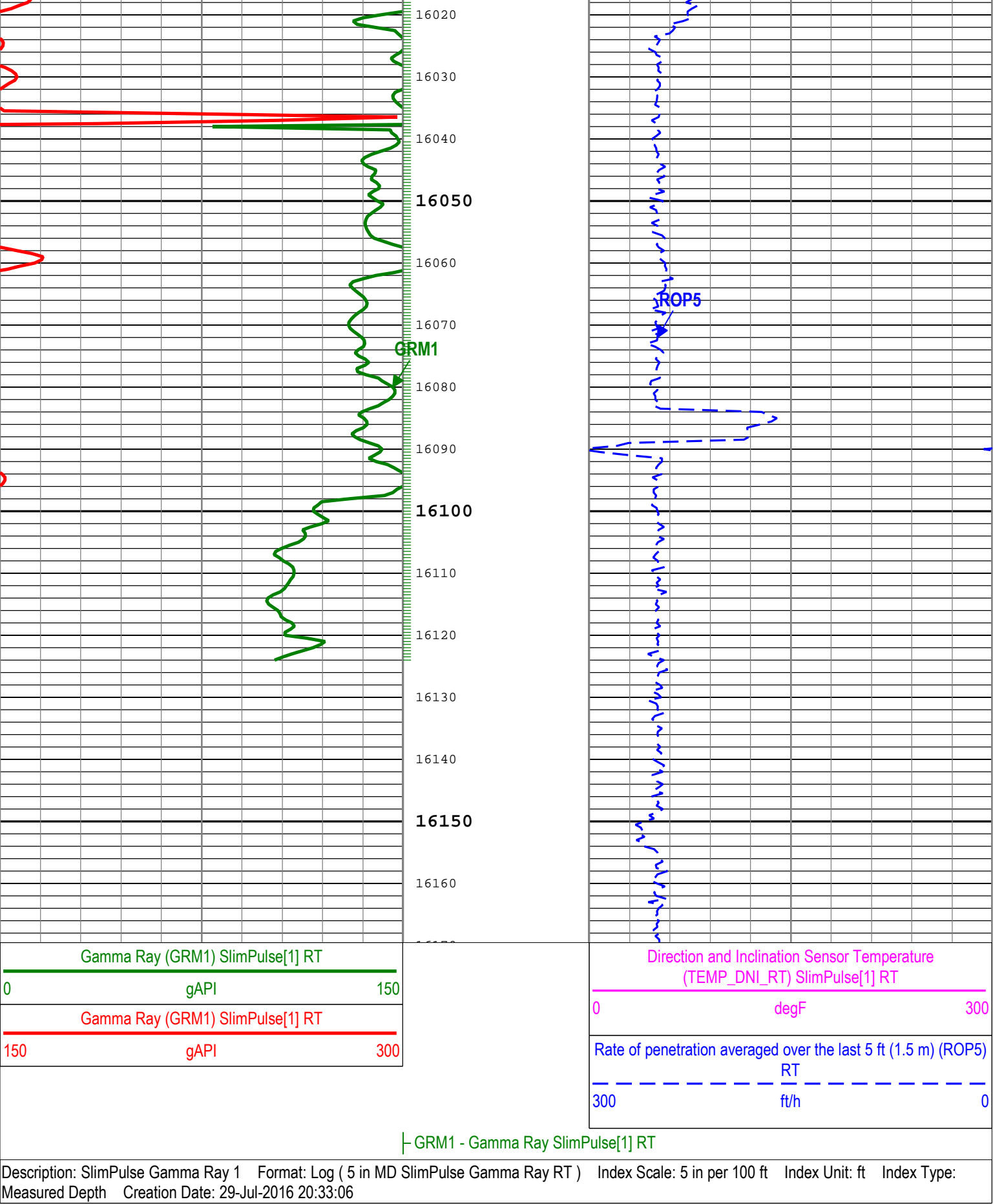












Channel Processing Parameters				
RUN001: Parameters				
Parameter	Description	Tool	Value	Unit
BS	Bit Size	DNMSESSION	Depth Zoned	in
DFD	Drilling Fluid Density	Borehole	10	lbm/gal

RUN001Depth Zoned Parameters

Parameter	Value	Start ( ft )	Stop ( ft )
BS	12.25	1892.5	1940
BS	8.5	1940	

All depth are actual.

RUN002: Parameters

Parameter	Description	Tool	Value	Unit
BS	Bit Size	DNMSESSION	Depth Zoned	in
DFD	Drilling Fluid Density	Borehole	10	lbm/gal

RUN002Depth Zoned Parameters

Parameter	Value	Start ( ft )	Stop ( ft )
BS	12.25	1932.36	1940
BS	8.5	1940	

All depth are actual.

RUN003: Parameters

Parameter	Description	Tool	Value	Unit
BS	Bit Size	DNMSESSION	8.5	in
DFD	Drilling Fluid Density	Borehole	10	lbm/gal

RUN004: Parameters

Parameter	Description	Tool	Value	Unit
BS	Bit Size	DNMSESSION	8.5	in
DFD	Drilling Fluid Density	Borehole	10	lbm/gal

RUN005: Parameters

Parameter	Description	Tool	Value	Unit
BS	Bit Size	DNMSESSION	8.5	in
DFD	Drilling Fluid Density	Borehole	10	lbm/gal

Tool Control Parameters

Company: Noble Energy Inc.

Well: NUGENT LD06-665

Field: Wildcat

County: Weld



State:Colorado

Country:United States of America



SlimPulse - Gamma Ray

5 in / 100 ft Measured Depth

Real-Time Log