



Well: BMA A5A

Field: Bream A

Rig: ISDL 453

State:

Victoria

Gamma Ray Service
1:500 Measured Depth
Real Time Log

Depth logged:	896.0 m	To 2791.6 m	Mag decl:	13.10°	Other services: Directional Drilling, D&I
Date logged:	11-June-05	To 14-June-05	Mag dip:	-69.03°	

DISCLAIMER

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OTHER SERVICES FOR RUN1 Directional Drilling Directional Surveys	OTHER SERVICES FOR RUN	OTHER SERVICES FOR RUN
<p>REMARKS: RUN NUMBER 1 8-1/2 in. hole was drilled from 896.0 m to 2810.0m MD</p> <p>Depth is referenced to Driller's Depth.</p> <p>Gamma Ray corrected for Tool Size, Bit Size and Mud Weight.</p> <p>Mud Type is KCl/PHPA/Glycol.</p> <p>POOH due to TD of BMA A5A</p> <p>Data Gaps due to Power Shutdown between 1428.0m to 1431.5m MD</p> <p>Reamed Down for Data between 1116.0m</p>	REMARKS: RUN NUMBER	REMARKS: RUN NUMBER

to 1123.0m MD

Thank You for Choosing Schlumberger

EQUIPMENT DESCRIPTION		
RUN1	RUN	RUN

DOWNHOLE EQUIPMENT		
6-3/4 in. PowerPac MDC: Z MEC: 1 MDI: 10 MGR: 52 DHS: V8.1		23.5
	D&I	19.0
	GR	18.4
	APW	15.8
6-3/4 in. NM PowerPac S/N: 9708		14.9
8-3/8 in. NM Roller Reamer S/N: GU2		13.5
6-1/4 in. FI S/N: 961		11.5
7 in. PowerPac A700G1 S/N: N7 1.5 deg. Bent 8-3/8 in. Motor		9.1

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DOWNHOLE E

23.3

MEC: :

MGR: 52

DHS: V8

DISCUSSION

19.0

18.4

15.8



14.9

Ream 3.5

1850

11.5

1000000

9.12

S/N: N7

8-3/8 in. Motor

8-3/8 in. Motor



— 0.00 0.25

Smith PC
OD: 8-1
S73VPX S/N

Maximum string dia
All lengths in

Bit Run Summary

Run number		1									
Bit size	in.	8.5									
Bit start depth	m	896.0									
Bit end depth	m	2810.0									
Top interval logged	m	896.0									
Bottom interval logged	m	2791.6									
Begin log: time		0:02									
Begin log: date		11-Jun-05									
End log: time		16:30									
End log: date		14-Jun-05									
Mud data											
Depth	m	2810.0									
Type		KCl/PHPA/Glycol									
Mud weight	ppg	10.08									
Solids	%	8.5									
Chlorides	mg/L	45,500									
Rm		N/A									
Rmf		N/A									
Rmc		N/A									
Potassium	%	4.5									
Environmental data											
GR											
Mud weight	ppg	10.08									
Bit size	in.	8.5									
Resistivity											
Neutron porosity											
Hole Size											
Mud weight											
Temperature											
Mud salinity											
Formation salinity											
Recording rate 1	SEC	9.47									
Recording rate 2	SEC	N/A									
Filtering GR		3 pt.									
Filtering density		N/A									
Filtering Neutron		N/A									
Company representative		G. Campbell	J. MacKinnon	M. Jackson							
Schlumberger D&M Personnel		R. Borjas	L. Johnston	C. Cocks	T. Auger						

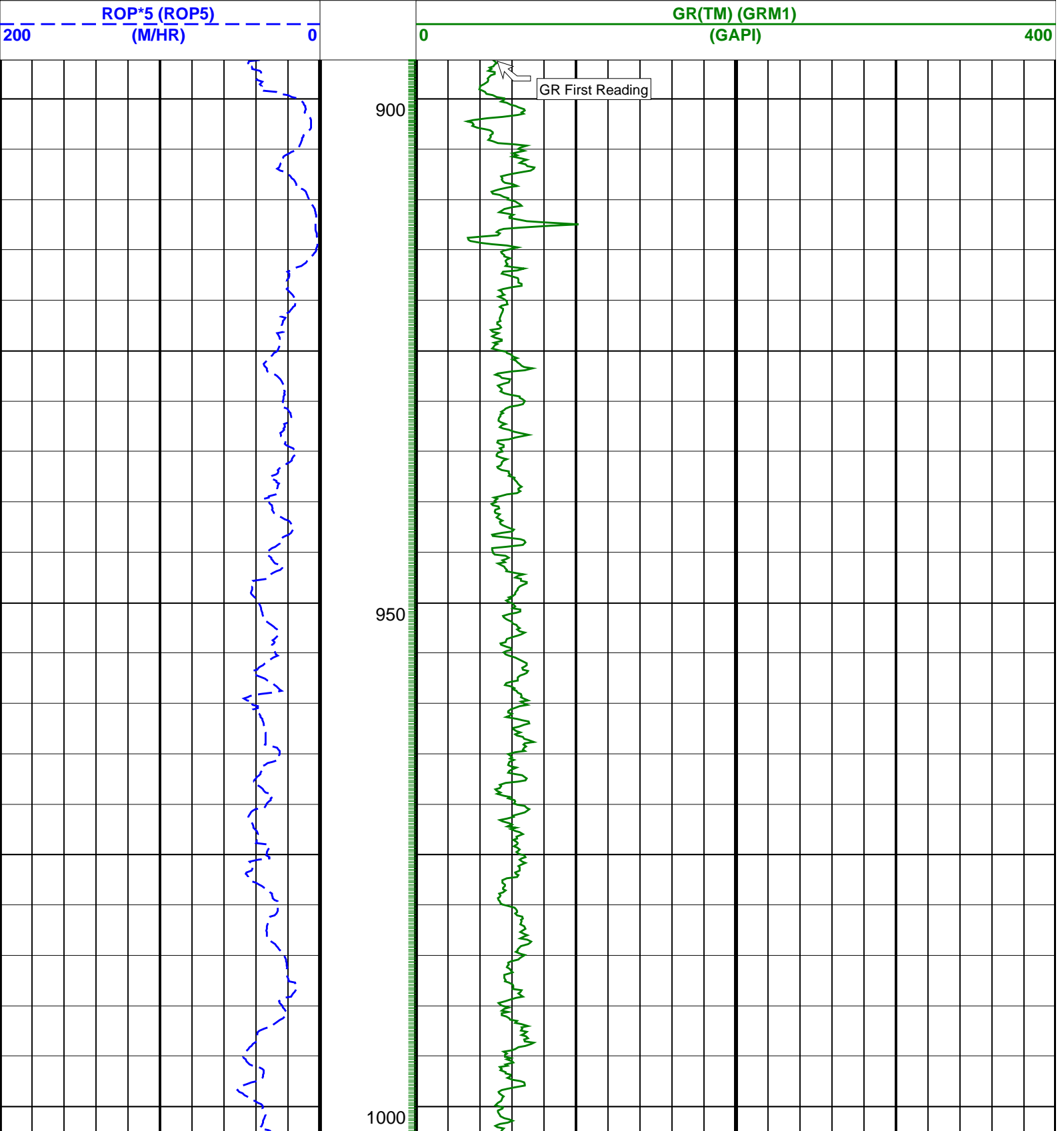
BMA A5A RT 1:500 MD

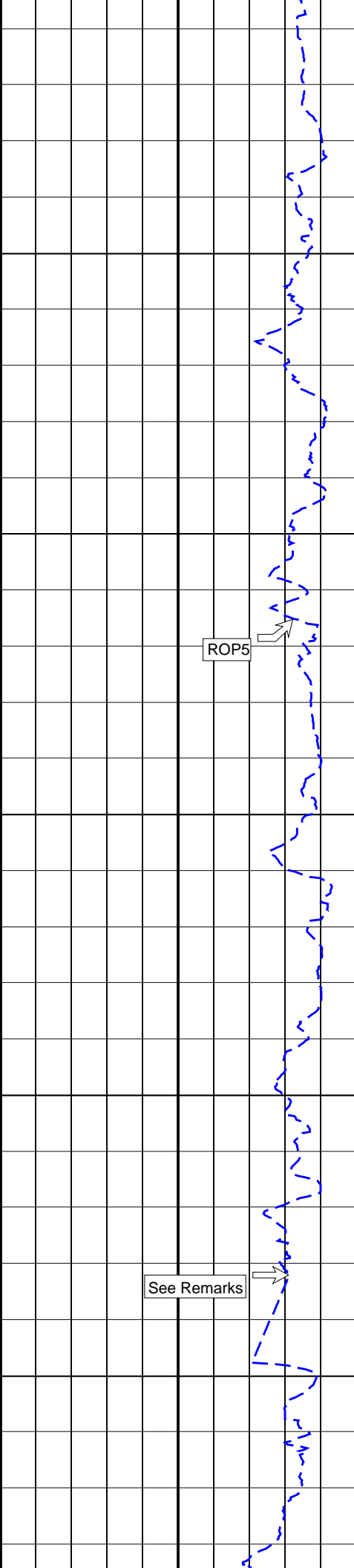
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Graphics File Created: 17-Jun-2005 00:45

PIP SUMMARY

GR(TM) PIP

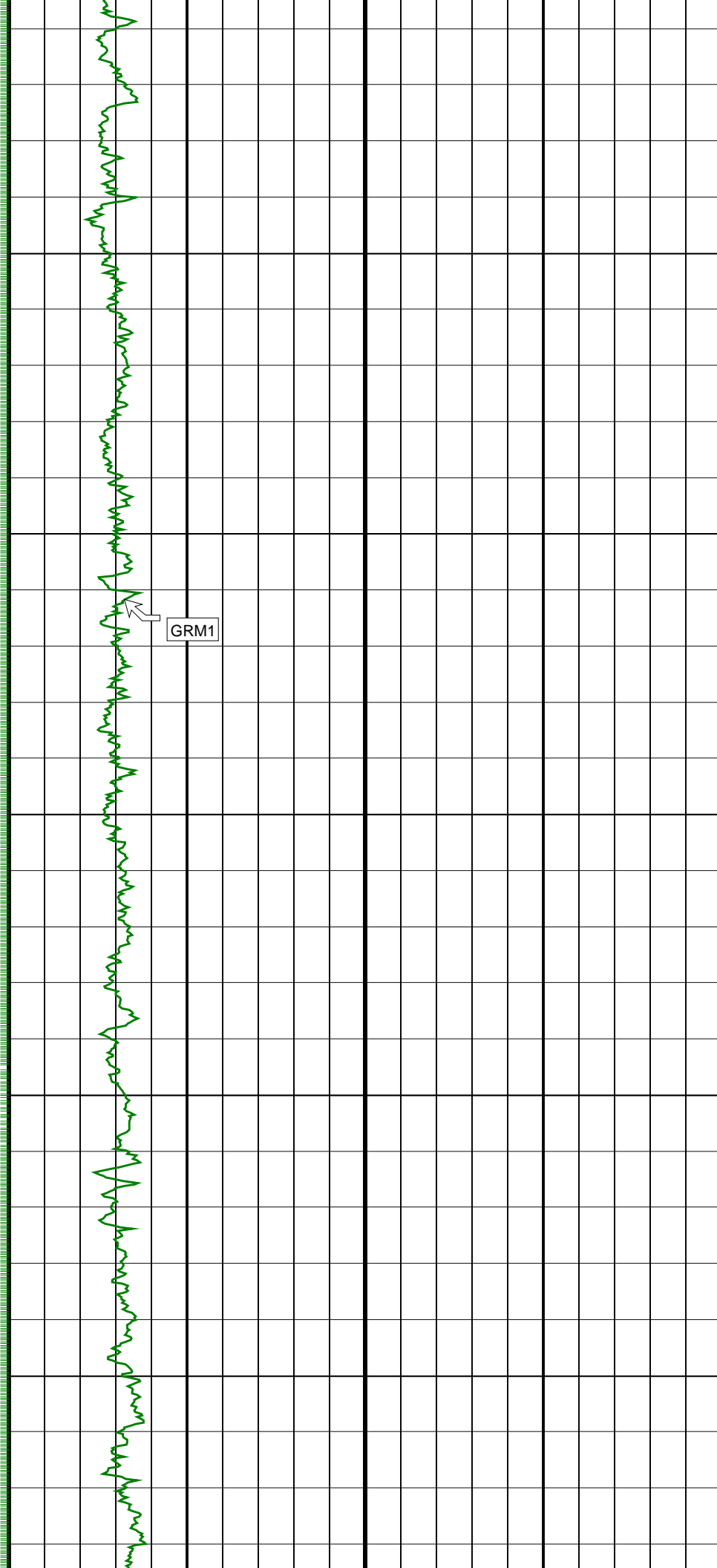


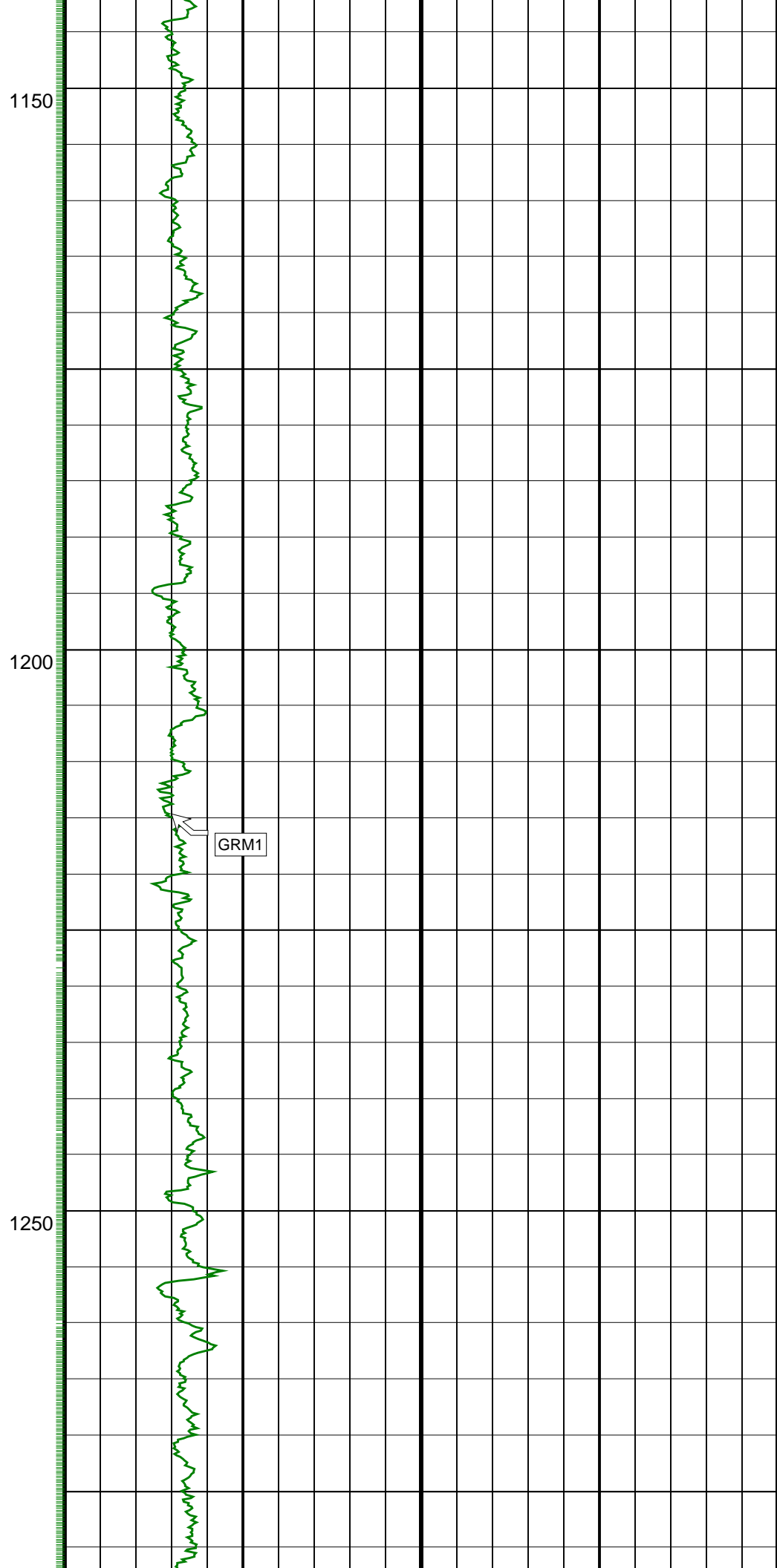
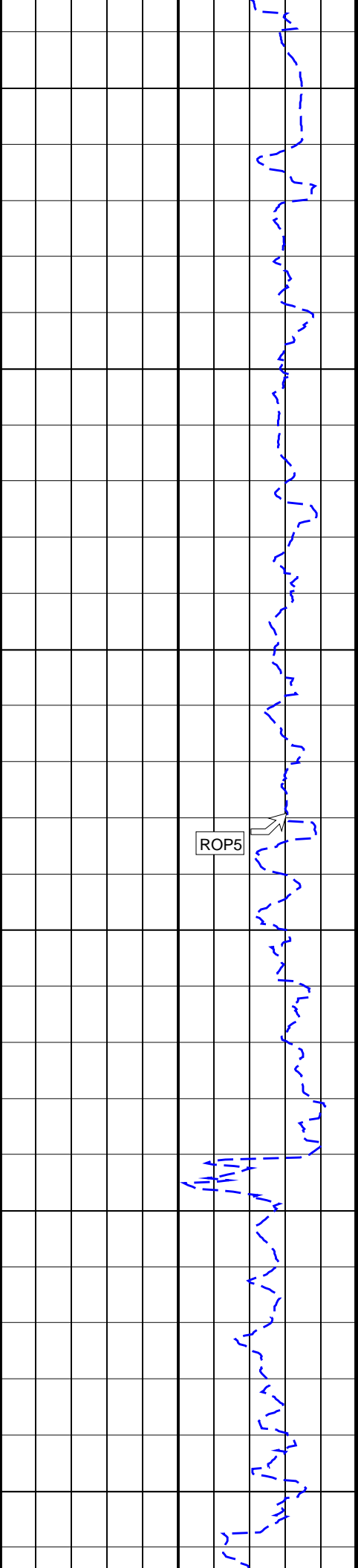


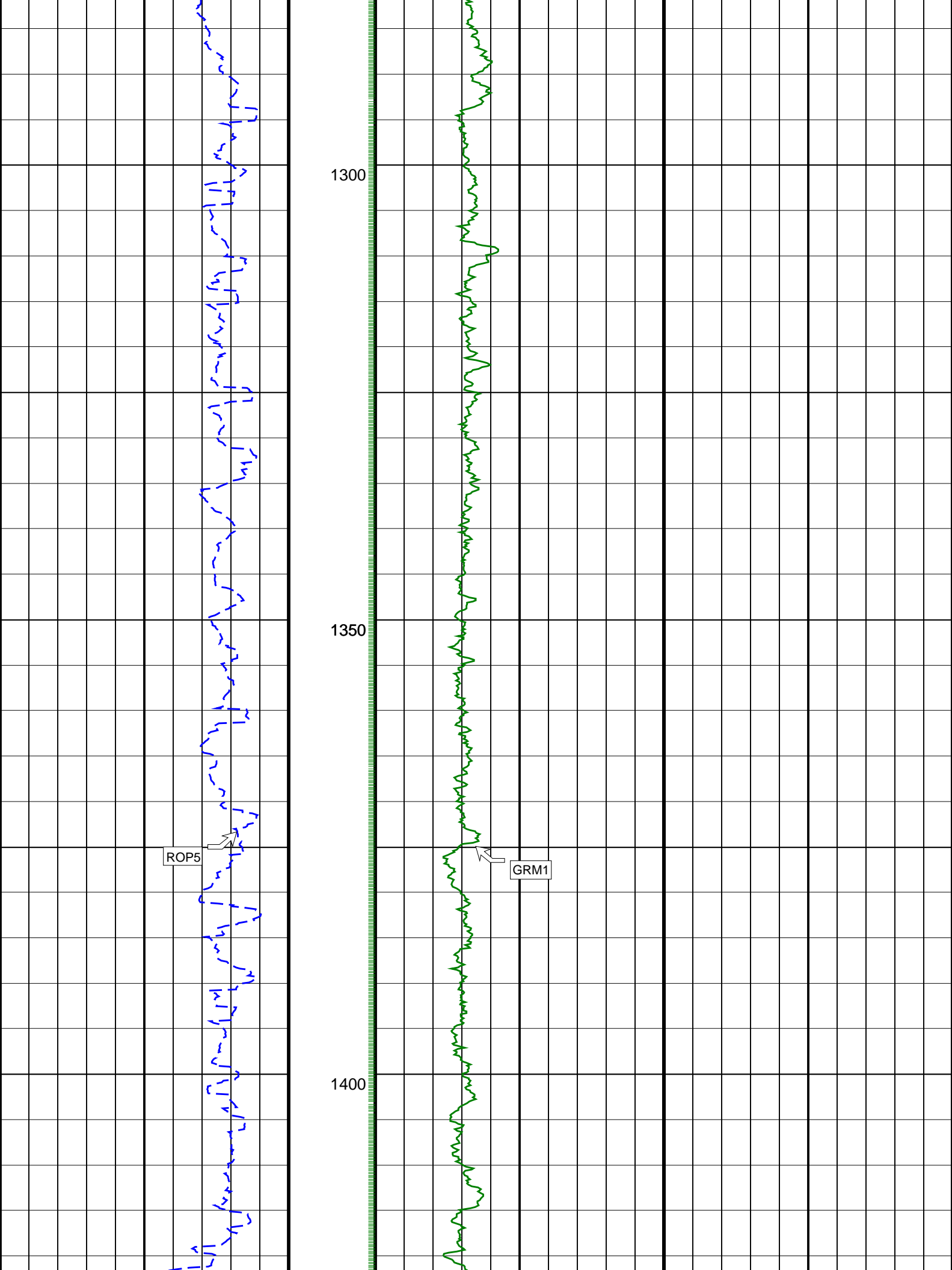
See Remarks

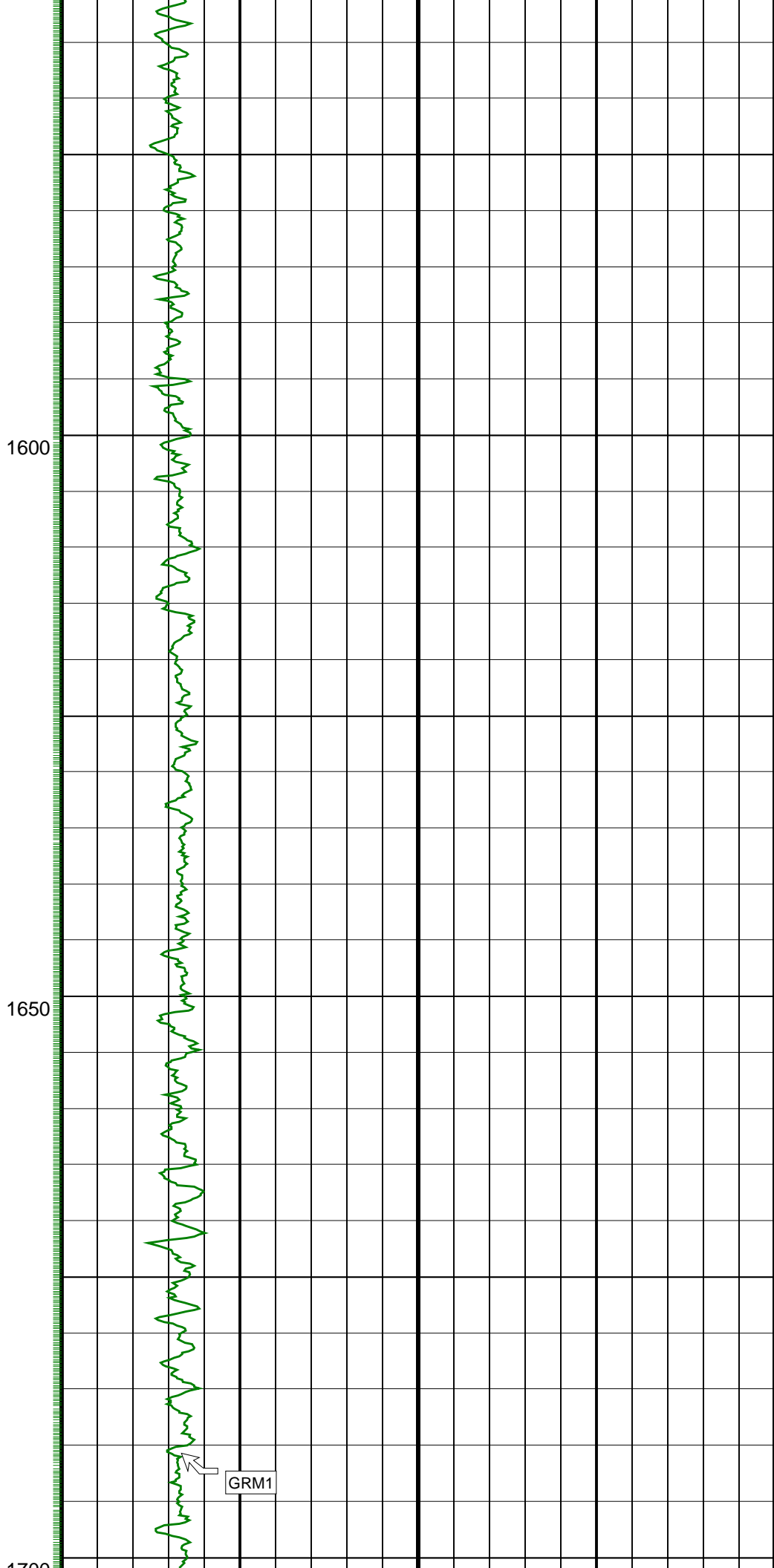
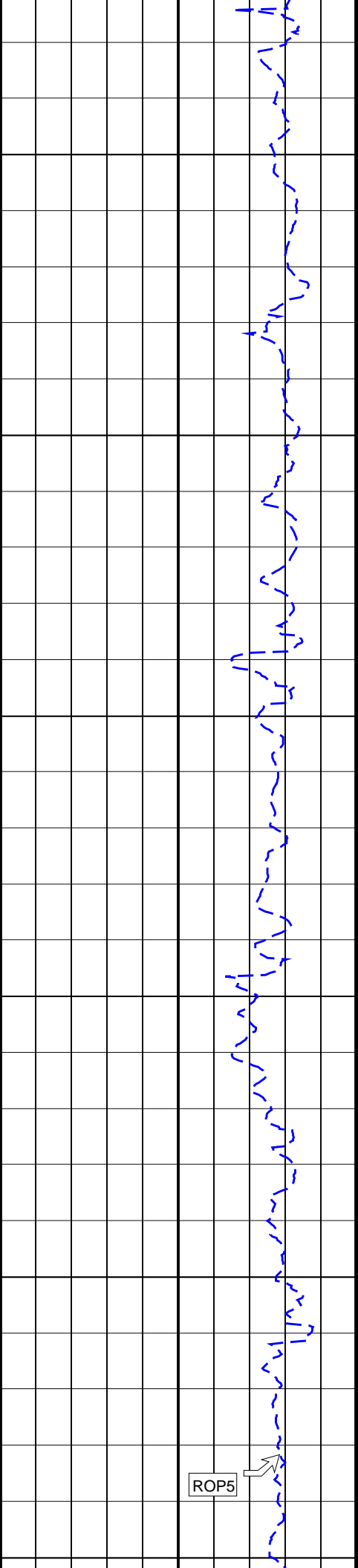
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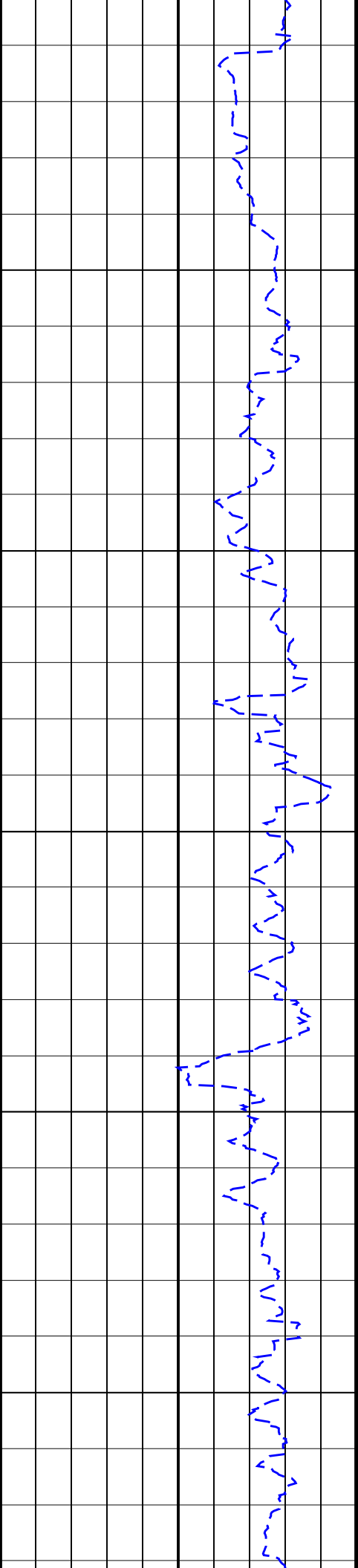
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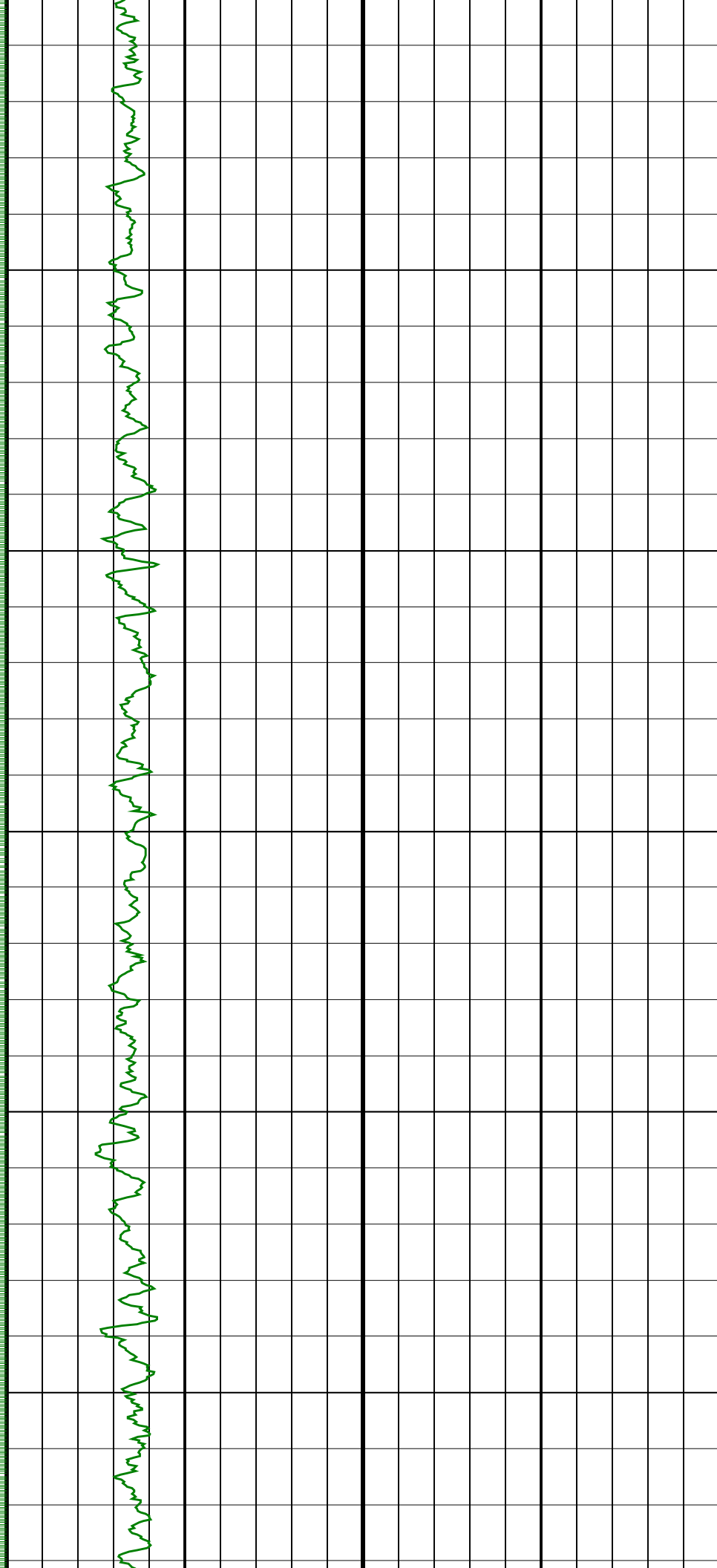




1700

1750

1800



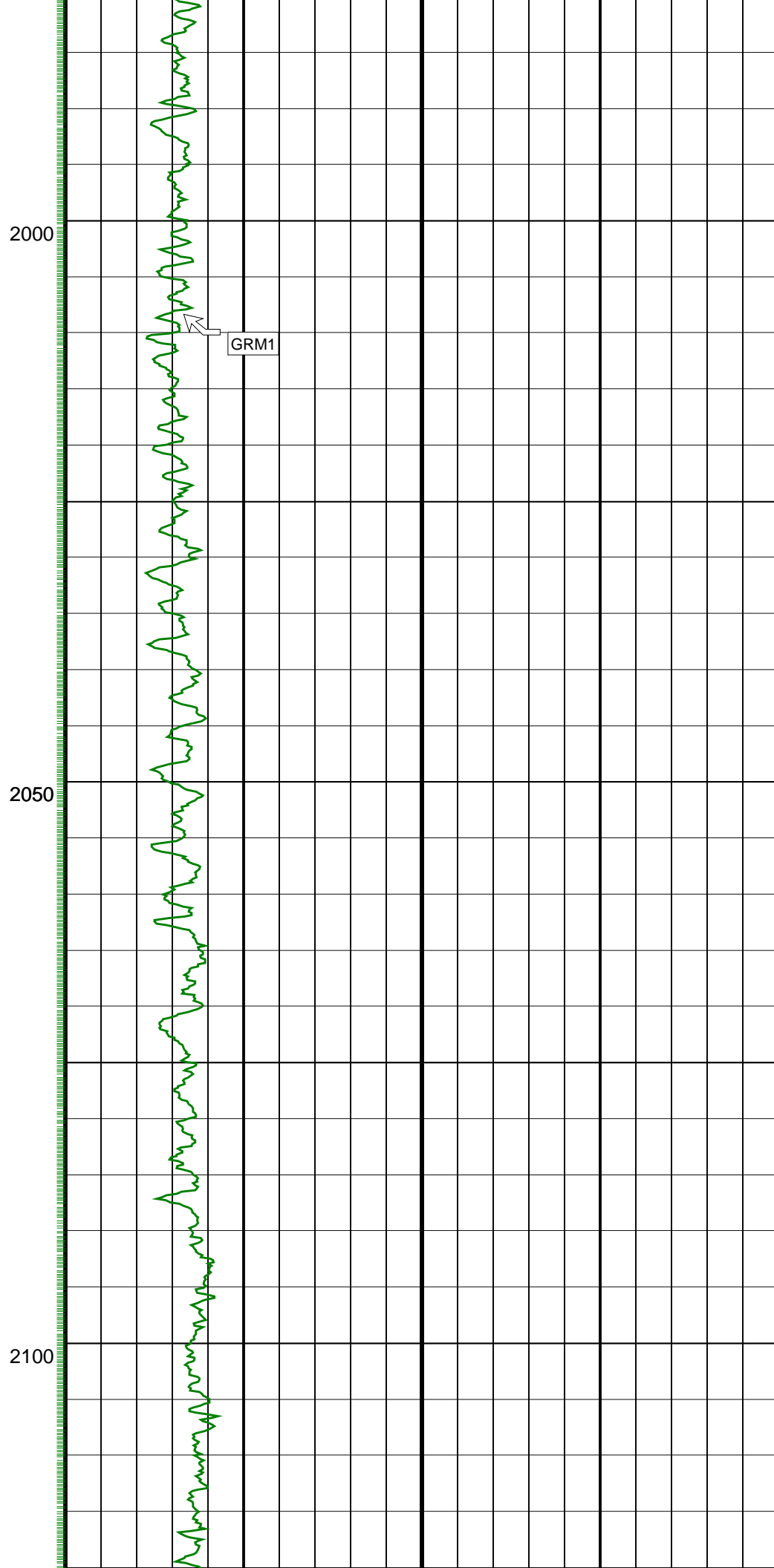
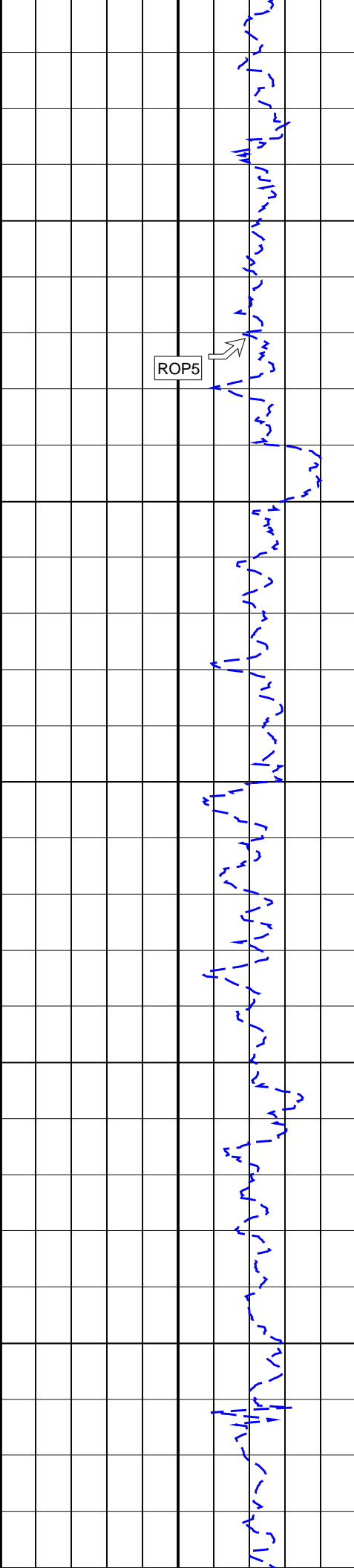
ROP5

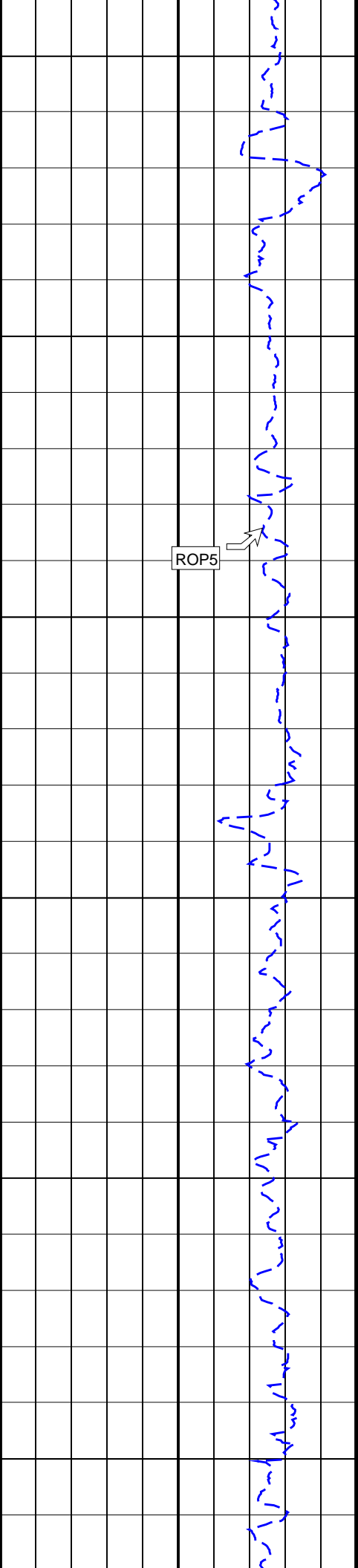
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GRM1

1900

1950

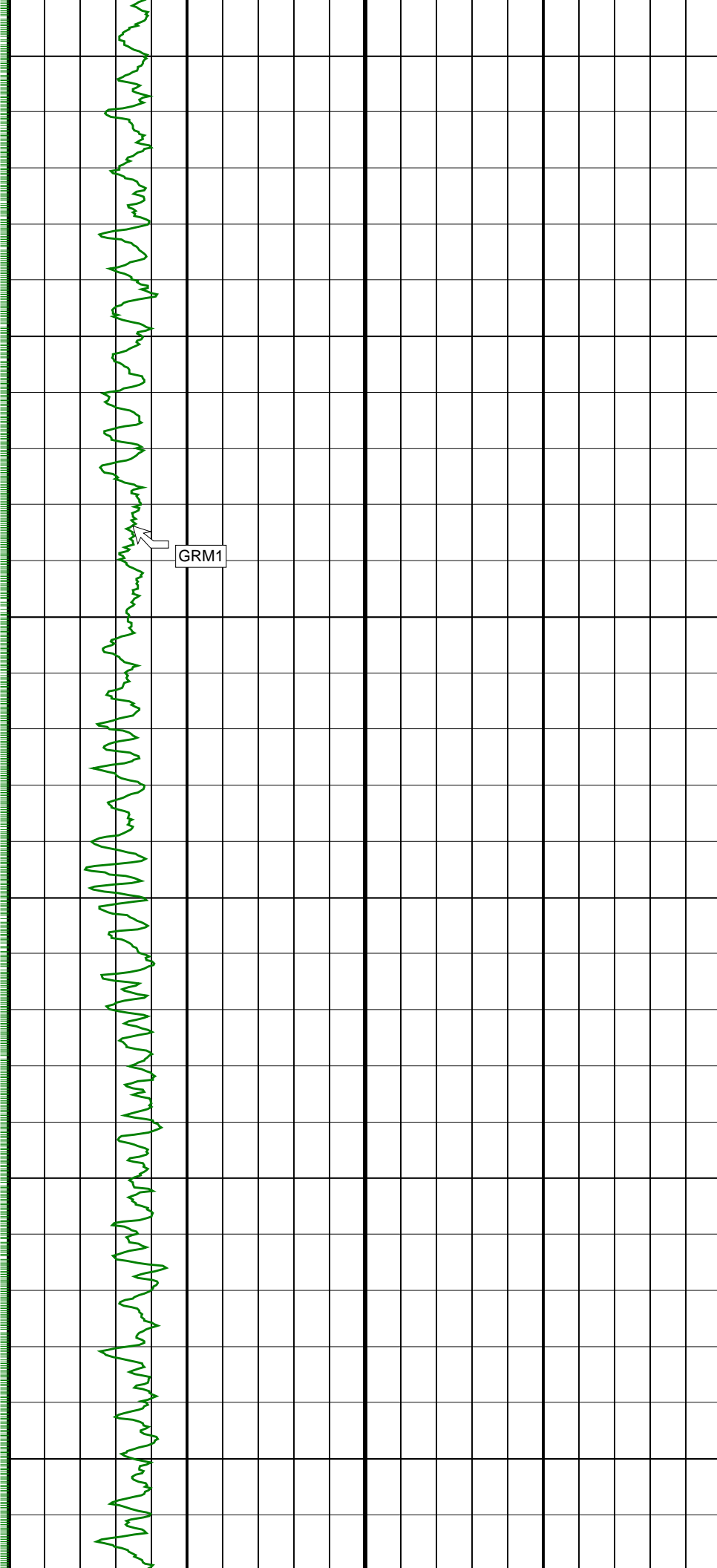




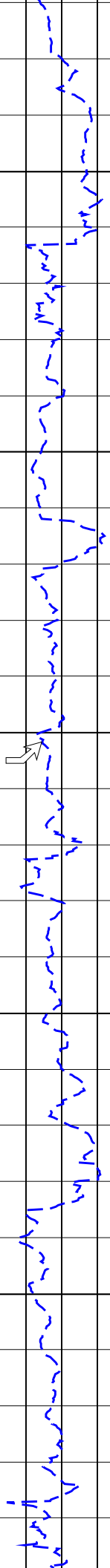
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2250



ROP5

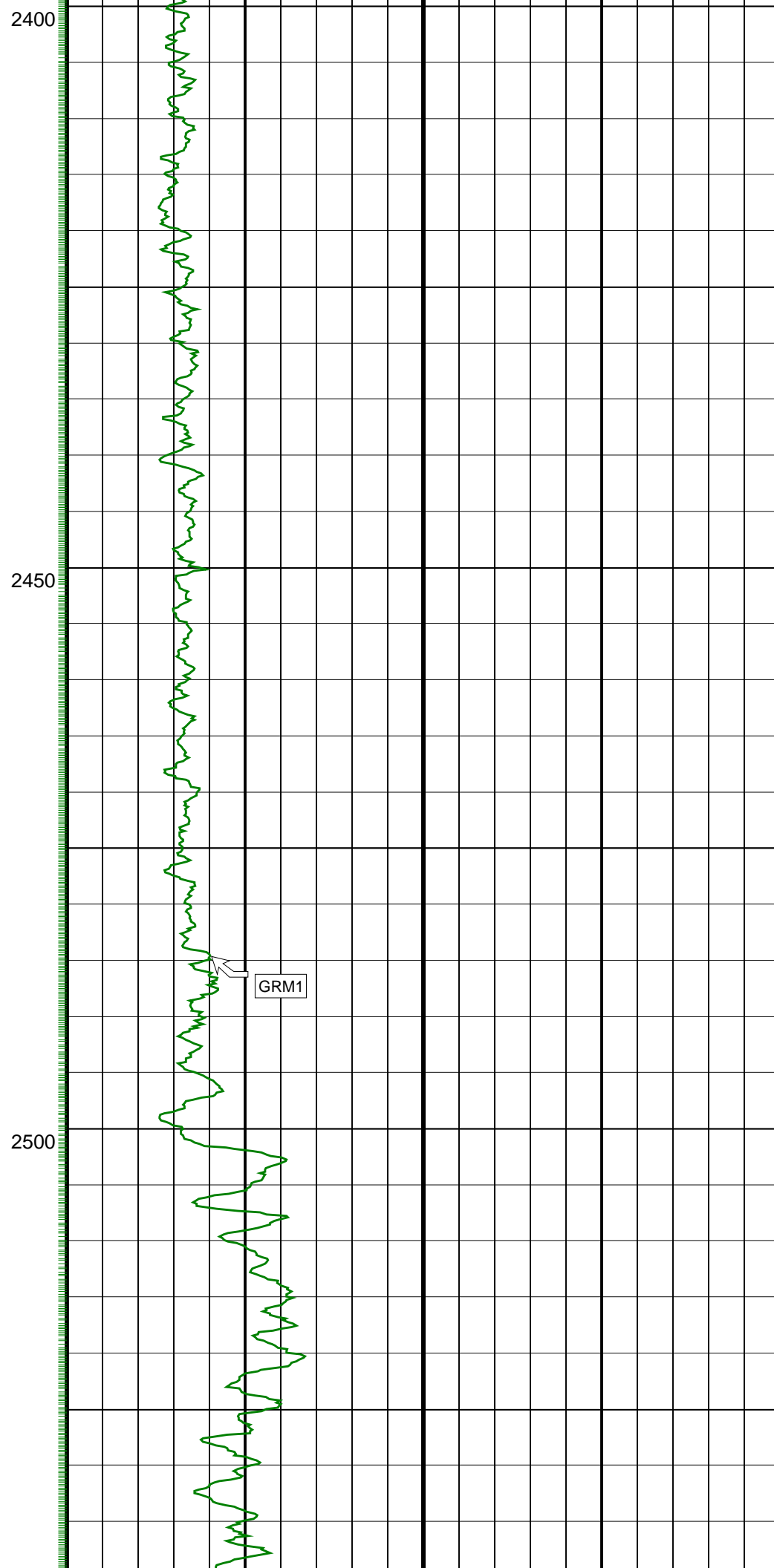
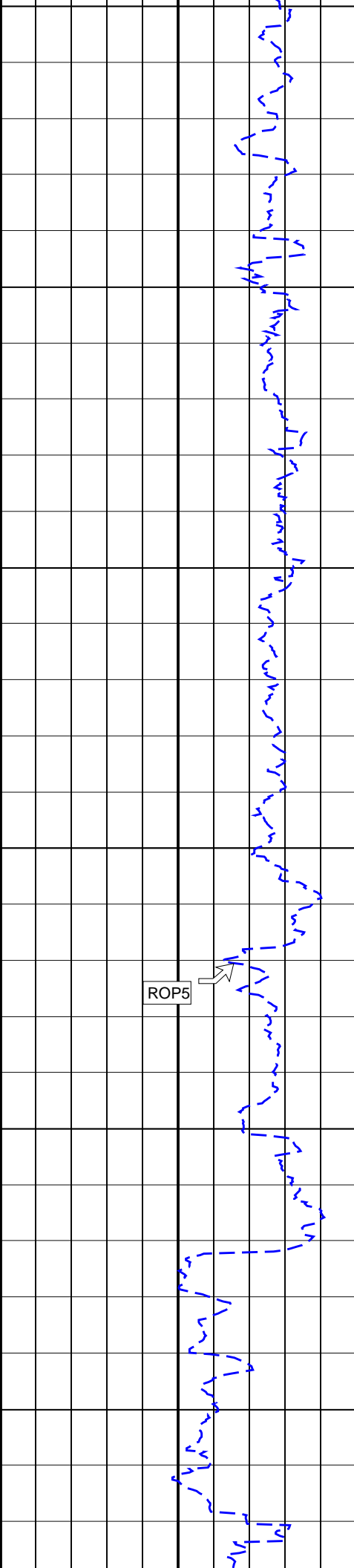


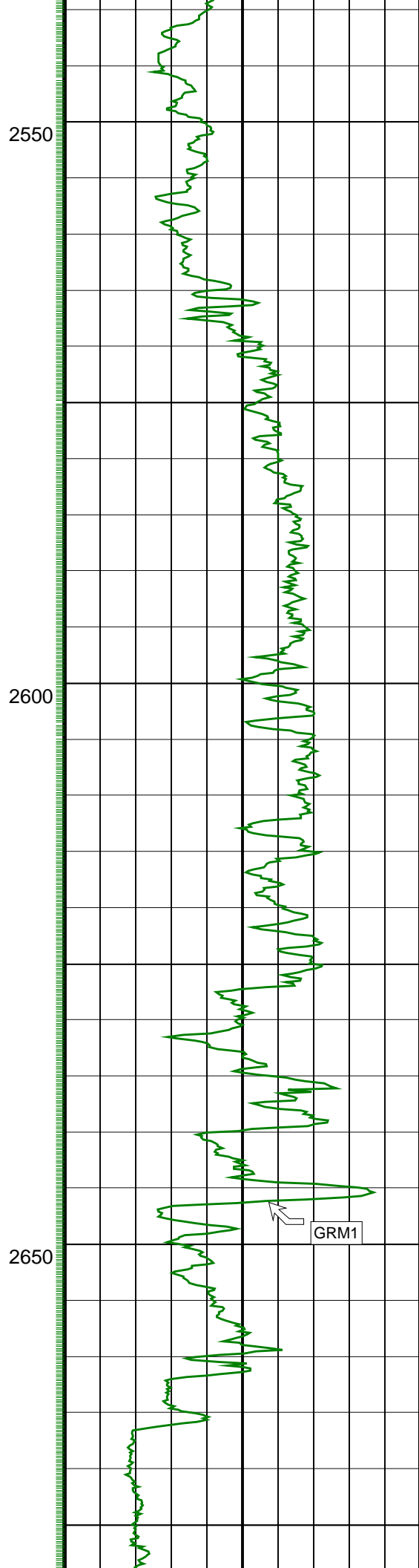
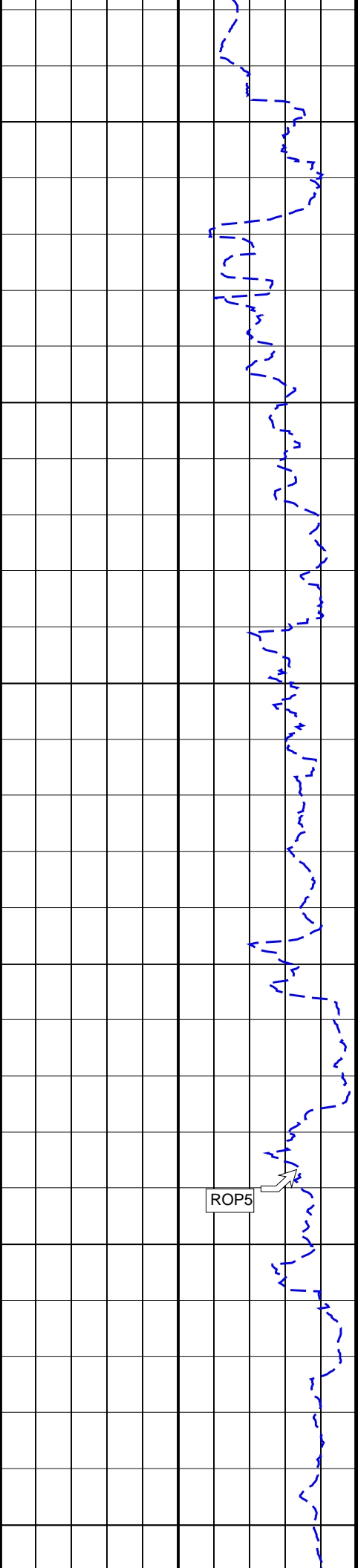
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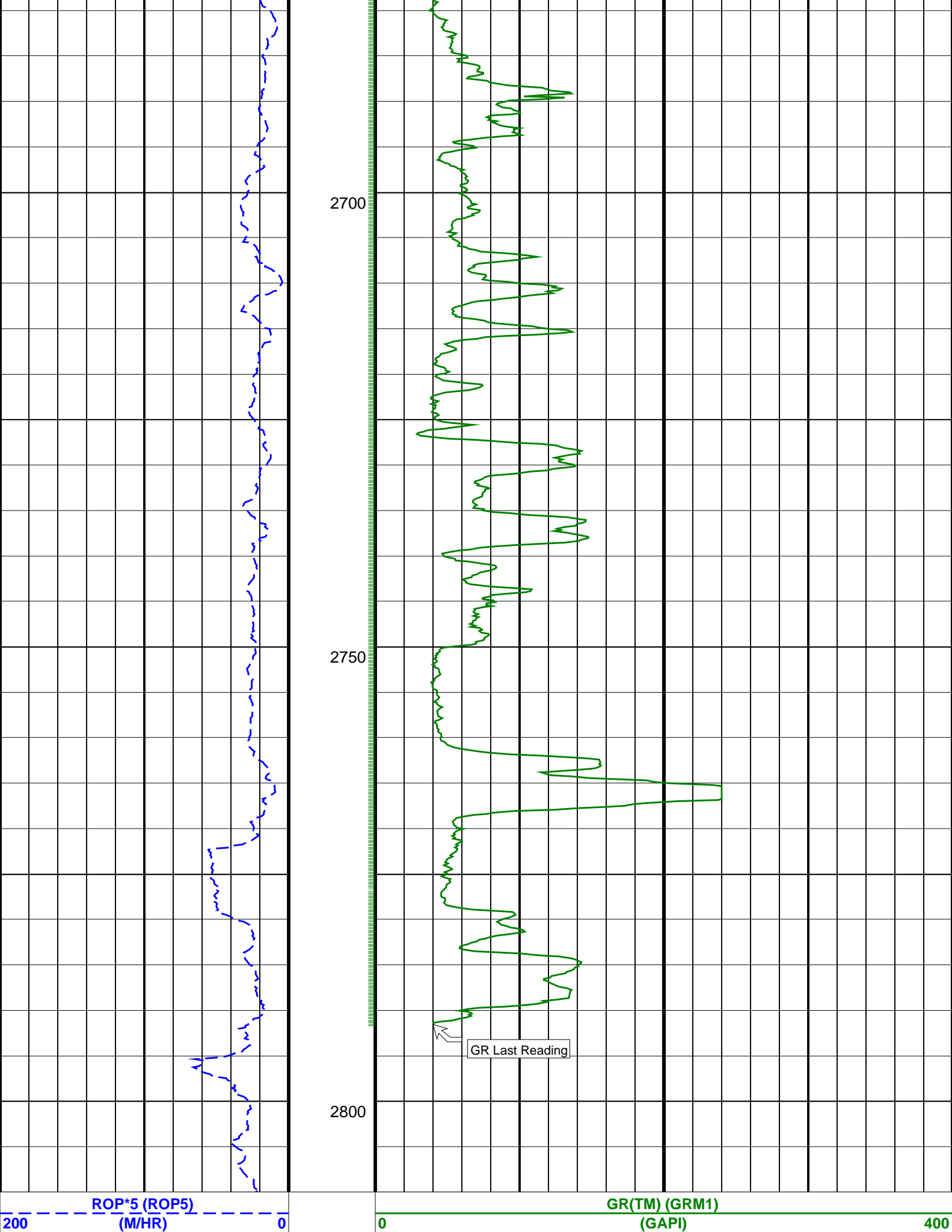
2350

GRM1









Company: **ESSO Australia Pty. Ltd.**

Schlumberger

Well: **BMA A5A**

Field: **Bream A**

Rig: **ISDL 453**

State: **Victoria**

Gamma Ray Service

1:500 Measured Depth

Real Time Log