Schlumberger

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

Well: **BMA A23A**
Field: **Bream A**
Rig: **ISDL 453** State: **Victoria**

Rig: ISDL 453
Field: Bream A
Location: Bass Strait
Well: BMA A23A
Company: ESSO Australia Pty. Ltd.

Gamma Ray Service
1:500 Measured Depth
Real Time Log

Location

Total depth:	3302.0 m
Spud date:	7−July−2005
Runs:	3 To 3

Elevation

K.B.	Top Drive
G.L.	−59.40 m
D.F.	32.82 m

Permanent datum:	Mean Sea Level	Elev.:	0 m
Log measured from:	Drill Floor	32.82 m	above Perm. datum
Depth reference:	Driller's Depth		

API serial no.	Y = 5738457.45 m	Longitude	Latitude
	X = 567344.61 m	E147°46'20.319''	S38°29'58.915''

Depth logged:	2241.0 m To 3282.6 m	Mag decl:	13.10°	Other services:	
Date logged:	9−July−05 To 11−July−05	Mag dip:	−69.03°	Directional Drilling, D&I	

Bore hole record

Hole size	from	to
8 1/2 in.	2241.0 m	3302.0 m

Casing record

Size	Density	from	to
9 5/8 in.	43.5 lb/ft	Surface	2241.0 m

Mud record

Type	from	to
KCl/PHPA/Glycol	2241.0 m	3302.0 m

Borehole deviation record

Min	Max	from	to
57.42 deg.	62.92 deg.	2234.0 m	2536.5 m
61.44 deg.	62.92 deg.	2536.5 m	2994.7 m
61.44 deg.	64.91 deg.	2994.7 m	3302.0 m

Surface equipment

Unit	OLU−FB−924
Depth system	DES−CA−ASQ04−0

Software record

IDEAL Wis	ID10_2B_08
SPM	HSPM10_0C_12
LWD	N/A
MWD	V8.0 B96

OTHER SERVICES FOR RUN

OTHER SERVICES FOR RUN3
Directional Drilling
Directional Surveys

OTHER SERVICES FOR RUN

OTHER SERVICES FOR RUN

REMARKS: RUN NUMBER

REMARKS: RUN NUMBER

REMARKS: RUN NUMBER 3
8−1/2 in. hole was drilled from 2248.0 m to 3302.0 m MD

Depth is referenced to Driller's Depth.

Gamma Ray corrected for Tool size, Bit Size and Mud Weight.

Mud Type IS KCl/PHPA/Glycol.

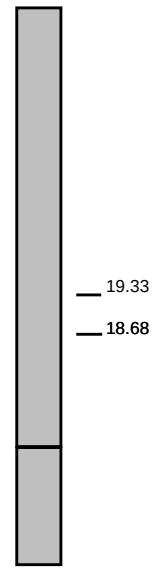
POOH due to TD of BMA A23A.

Thank You for Choosing Schlumberger

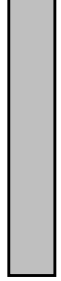
EQUIPMENT DESCRIPTION

RUN3	RUN	RUN

DOWNHOLE EQUIPMENT



6−3/4 in. PowerPulse* MDC: Z411 MEC: 212 MDI: 1096 MGR: 521 AA DHS: V8.0 B96	23.65
6−5/8 in. NM Pony S/N: ASQ157	15.19
8−3/8 in. NM Roller Reamer S/N: GU2317	13.64
6−1/4 in. NM Float Sub S/N: 961205	11.65
7 in. PowerPak* Motor A700GT 7:8 S/N: 3380 1.5 deg. Bent Housing 8−3/8 in. Motor Sleeve	9.21



0.00

0.22

Smith PDC Bit
OD: 8−1/2 in.
S73VPX S/N: JT6967

Maximum string diameter 8.50 in.

All lengths in Meters

Bit Run Summary

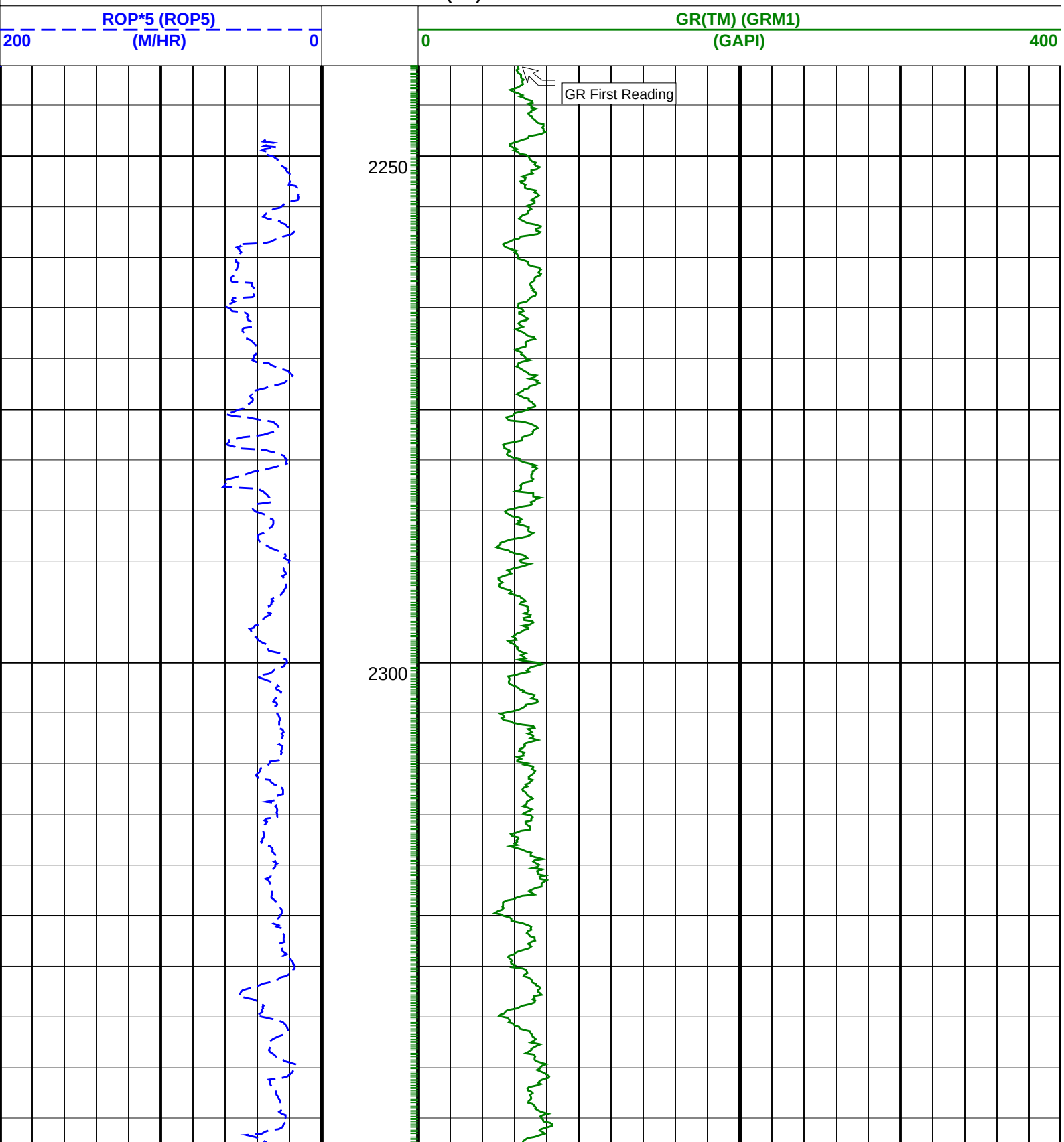
Run number		1									
Bit size	in.	8.5									
Bit start depth	m	2248.0									
Bit end depth	m	3302.0									
Top interval logged	m	2241.0									
Bottom interval logged	m	3282.6									
Begin log: time		10:10									
Begin log: date		09−Jul−05									
End log: time		18:23									
End log: date		11−Jul−05									
Mud data											
Depth	m	3302.0									
Type		KCl/PHPA/Gly.									
Mud weight	ppg	9.95									
Solids	%	7.4									
Chlorides	mg/L	46,500									
Rm		N/A									
Rmf		N/A									
Rmc		N/A									
Potassium	%	4.2									
Environmental data											
GR											
Mud weight	ppg	9.95									
Bit size	in.	8.5									
Resistivity											
Neutron porosity											
Hole Size		N/A									
Mud weight		N/A									
Temperature		N/A									
Mud salinity		N/A									
Formation salinity		N/A									
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	B. Steel	W. Westman							
Schlumberger D&M Personnel		R. Borjas	L. Johnston	C. Cocks	L. Muskett						

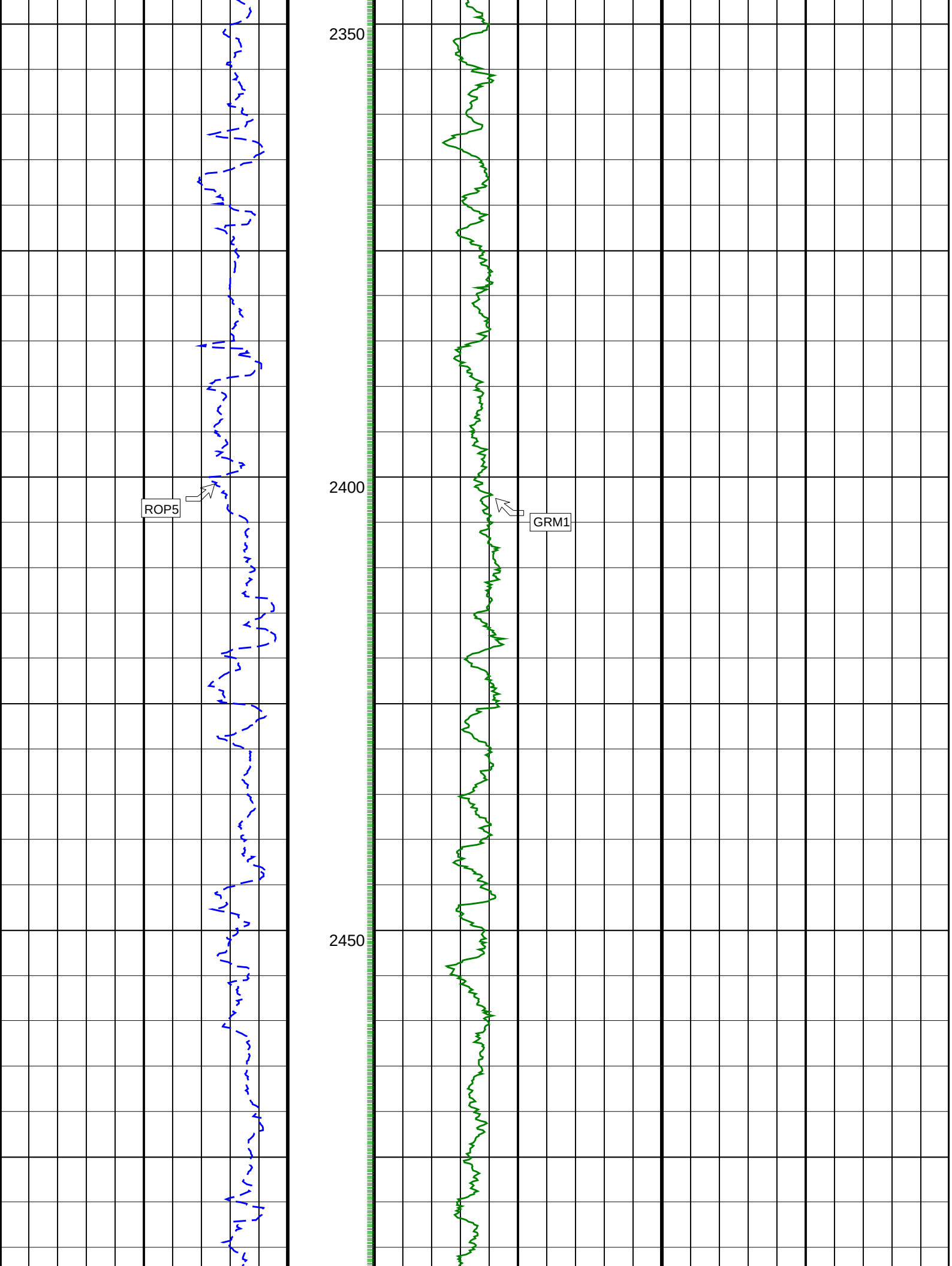
BMA A23A RT 1:500 MD

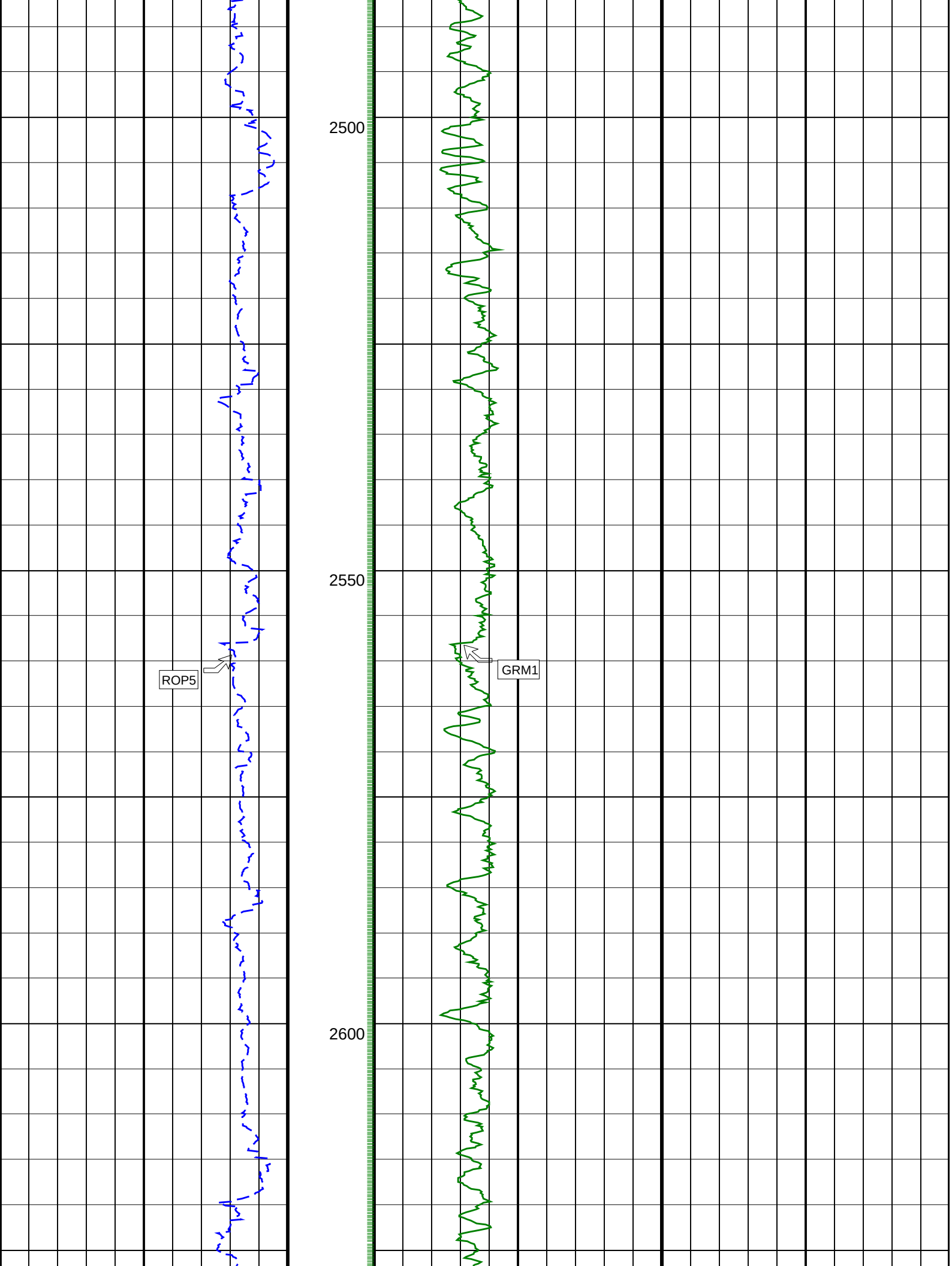
IDEAL Version: ID10_2B_08 <MD > Vertical Scale: 1:500 Graphics File Created: 12−Jul−2005 20:31

PIP SUMMARY

GR(TM) PIP




2350
2400
2450
ROP5
GRM1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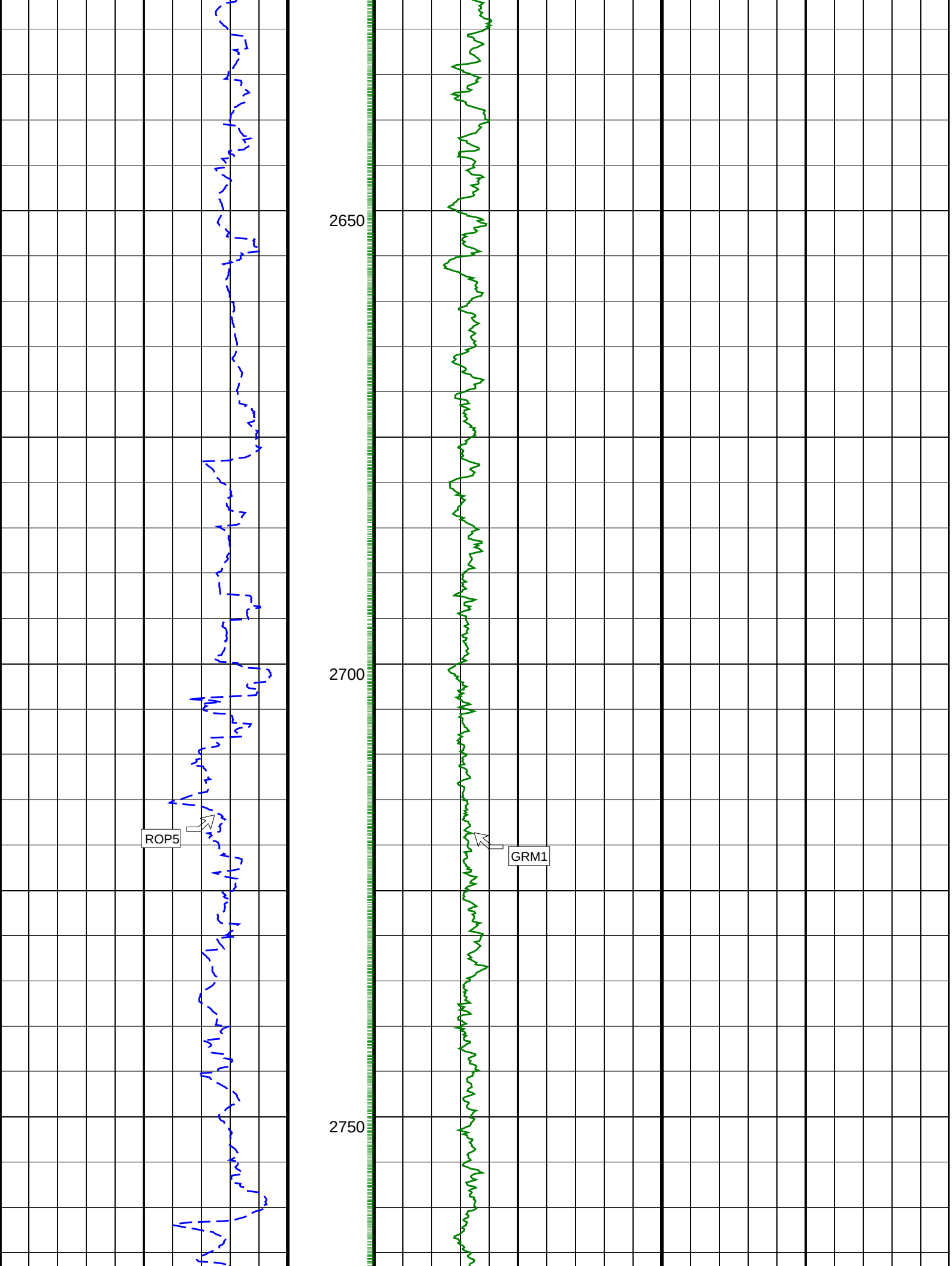
2600
ROP5
GRM1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2750
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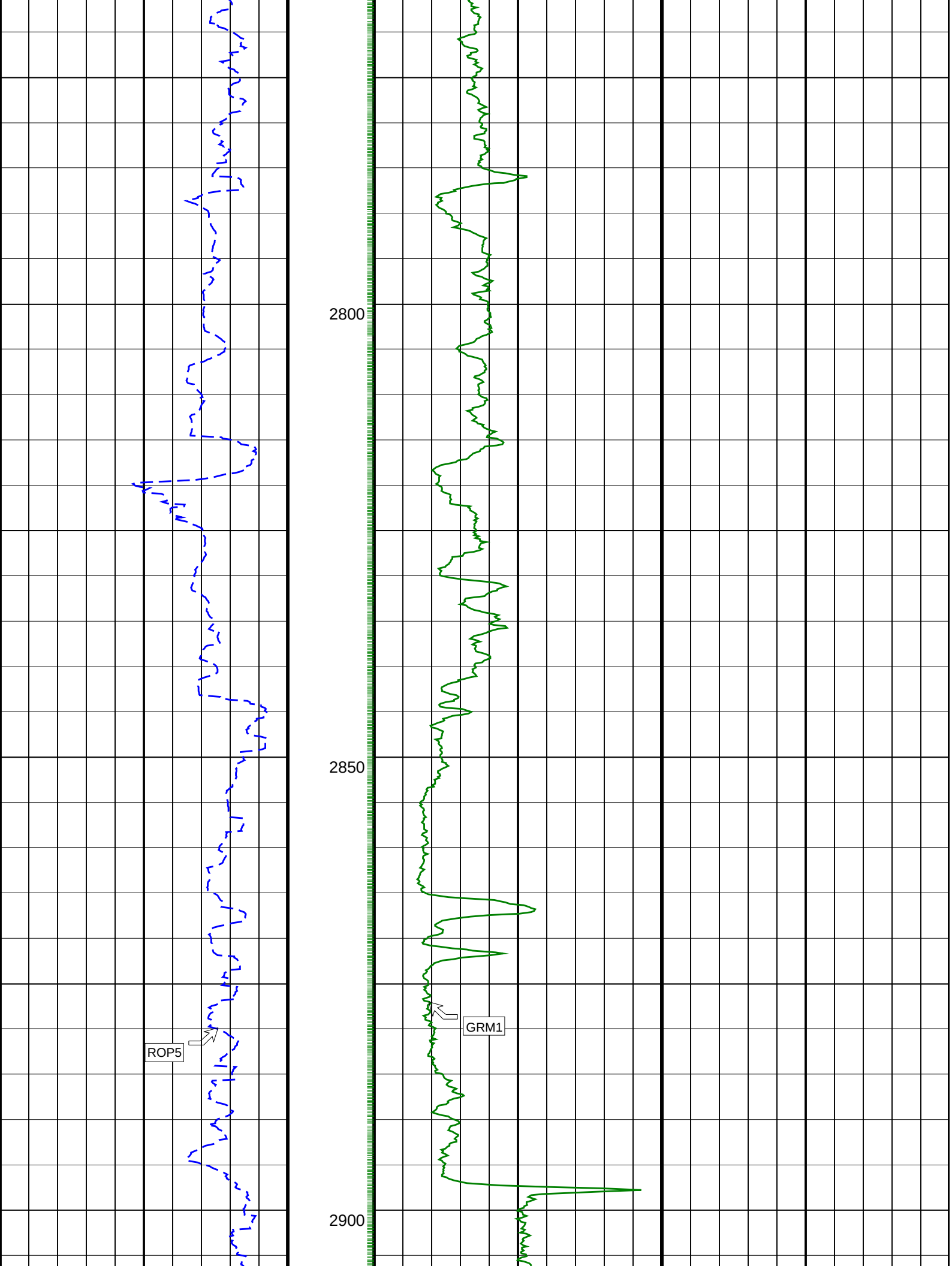
GRM1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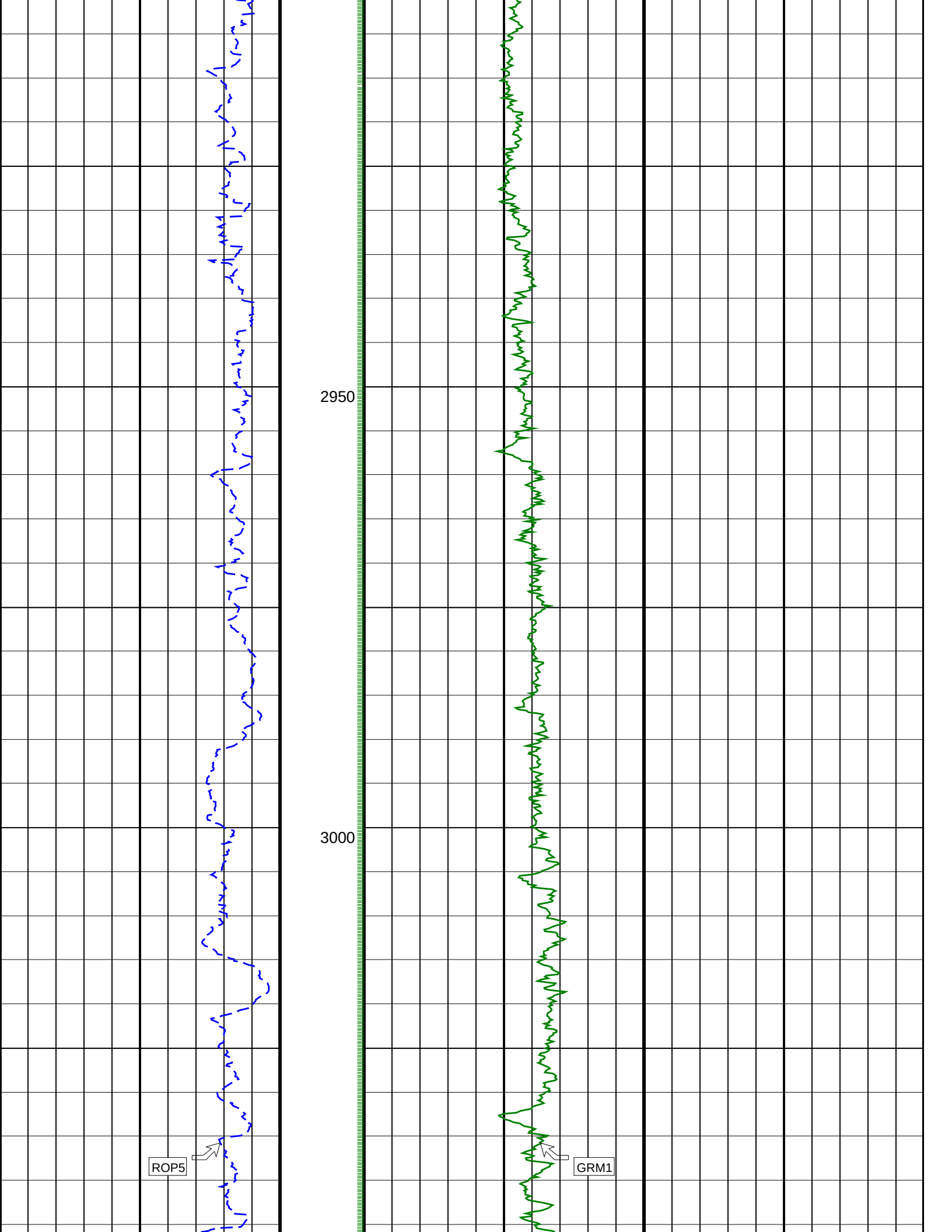
2850
2900
ROP5
GRM1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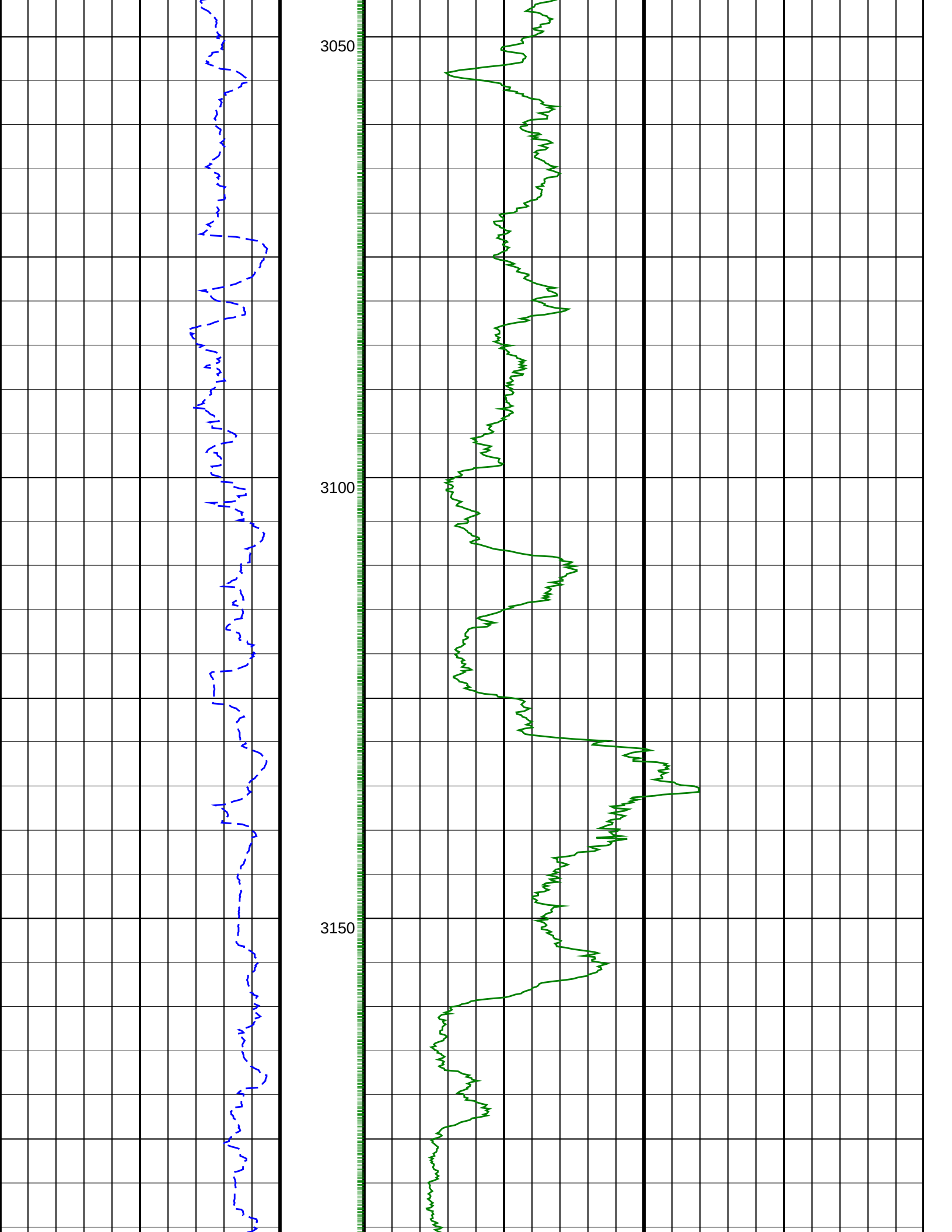
3000
ROP5
GRM1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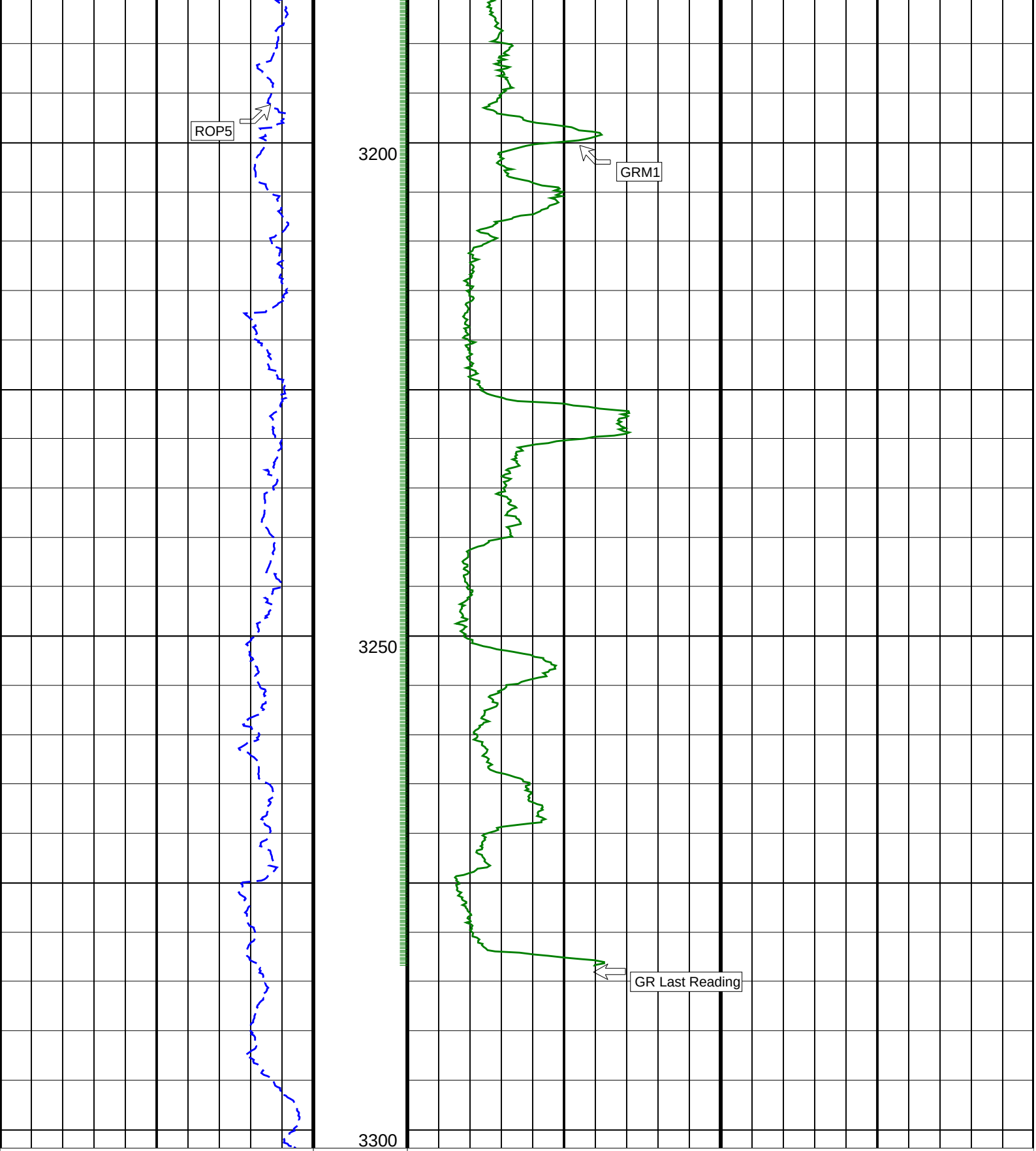

PIP SUMMARY

GR(TM) PIP

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

Well: **BMA A23A**

Schlumberger

Field:	**Bream A**
Rig:	**ISDL 453**
State:	**Victoria**

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1:500 Measured Depth
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