

Well: Baleen-4

Field: Baleen Field

Rig: Ocean Bounty

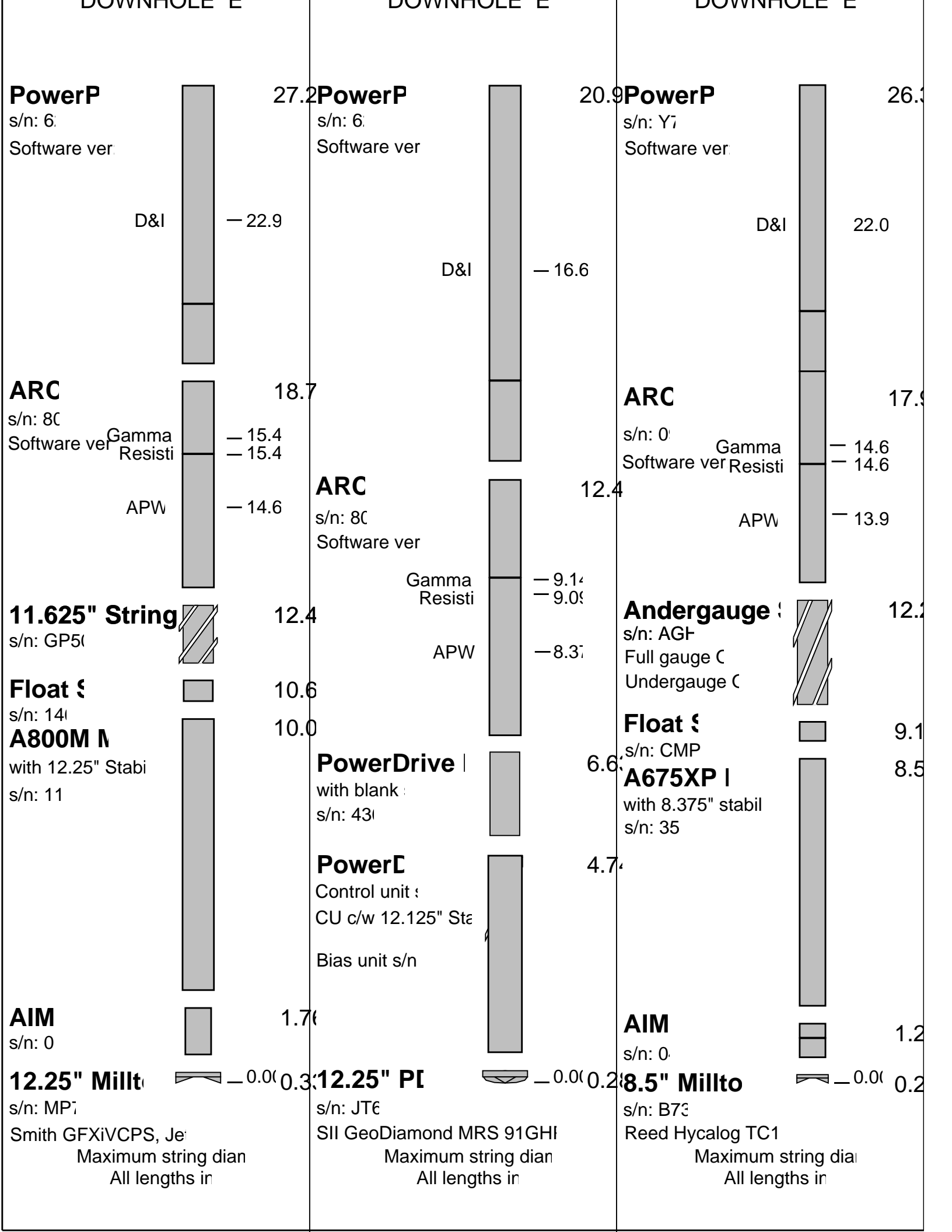
State:

Victoria

VISION Resistivity – 400kHz – Borehole Corrected
1:200 Measured Depth
Recorded Memory Data

Rig:	Ocean Bounty			
Field:	Baleen Field			
Location:	VIC/L21			
Well:	Baleen-4			
Company:	OMV Australia Pty Ltd			
	Location			
	Total depth:	2290.0 m	K.B.	Top Drive
	Spud date:	29-Sep-2004	G.L.	-78.1 m
	Runs:	1 To 4	D.F.	25.0 m
	Permanent datum:	MSL	Elev.:	0.0 m
	Log measured from:	Rotary Table	25.0 m	above Perm. datum
	Depth reference:	Driller's Pipe Tally		
	X =	626 675.90mE	Longitude	Latitude
	Y =	5 792 541.30mN	148° 26' 34.42"E	38° 00' 20.99"S

Bit Run Summary



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 OF 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.

Directional Surveys
APWD (Annular Pressure While Drilling)
MVC (Multiple Vibration Chassis)

DOWNHOLE E

PowerP

s/n: Y7

Software ver

D&I

— 16.5

ARC

s/n: 0

Software ver

Gamma

Resisti

APW

— 9.14

— 9.06

— 8.36

6.70

3.62

2.00

0.24

Anderg

s/n: AG

Full gauge C

Undergauge C

NM Pony Dr

s/n: DOTS

8.4375" NB S

s/n: DOTS

8.5" Inse

s/n: W4

Hughes MXS2OD

Maximum string dia

All lengths in

Run 1 Run 2 Run 3 Run 4

Bottom Hole Temperature (degC)	70.000000	85.000000	92.500000	58.000000
Bit Size (in)	12.250000	12.250000	8.500000	8.500000
Mud Weight (ppg)	9.300000	9.500000	9.100000	9.100000
Oil Based Mud (RM)	YES	YES	NO	NO
Resistivity of Mud Sample (RM)	1000.000000	1000.000000	0.152800	0.146900
Mud Sample Temperature (degC)	25.000000	25.000000	25.200000	26.400000
Total Measured Depth (m)	733.000000	1890.000000	2010.500000	2290.000000
ARC Tool Size (in)	8.250000	8.250000	6.750000	6.750000
ARC Down hole software version Number	6.400000	6.400000	6.400000	6.400000
Potassium Concentration (mg/L)	0.000000	0.000000	2.860000	2.700000
Way to Report Potassium Concentration (RM)	K_by_Wgt_%	K_by_Wgt_%	K_by_Wgt_%	K_by_Wgt_%
ARC Down Hole Software Version	8019.000000	8026.000000	99.000000	99.000000
ARC Tool Serial Number				

Parameter Insert Header Software version 2.0c"

Parameters

DLIS Name

Description

Value

DO

Depth Offset

0.0 m

PIP SUMMARY

└ ARC Gamma Ray Samples

└ ARC Resistivity Samples

ARC Resistivity Time After Bit
(TAB_ARC_RES)

0 (HR) 10

Rate of Penetration, Averaged
over Last 5ft (ROP5_RM)

200 (M/HR) 0

True vertical Depth (TVDE)

720 (M) 705

ARC Gamma Ray (GR_ARC)

0 (GAPI) 200

ARC Phase-Shift Resistivity
40-in. at 2 MHz (P40H)

0.2 (OHMM) 200

ARC Attenuation Resistivity
40-in. at 2 MHz (A40H)

0.2 (OHMM) 200

ARC Phase-Shift Resistivity
40-in. at 400 KHz (P40L)

0.2 (OHMM) 200

ARC Phase-Shift Resistivity
28-in. at 2 MHz (P28H)

0.2 (OHMM) 200

ARC Attenuation Resistivity
34-in. at 2 MHz (A34H)

0.2 (OHMM) 200

ARC Phase-Shift Resistivity
34-in. at 400 KHz (P34L)

0.2 (OHMM) 200

ARC Phase-Shift Resistivity
34-in. at 2 MHz (P34H)

0.2 (OHMM) 200

ARC Attenuation Resistivity
28-in. at 2 MHz (A28H)

0.2 (OHMM) 200

ARC Phase-Shift Resistivity
28-in. at 400 KHz (P28L)

0.2 (OHMM) 200

ARC Phase-Shift Resistivity
22-in. at 2 MHz (P22H)

0.2 (OHMM) 200

ARC Attenuation Resistivity
22-in. at 2 MHz (A22H)

0.2 (OHMM) 200

ARC Phase-Shift Resistivity
22-in. at 400 KHz (P22L)

0.2 (OHMM) 200

ARC Phase-Shift Resistivity
16-in. at 2 MHz (P16H)

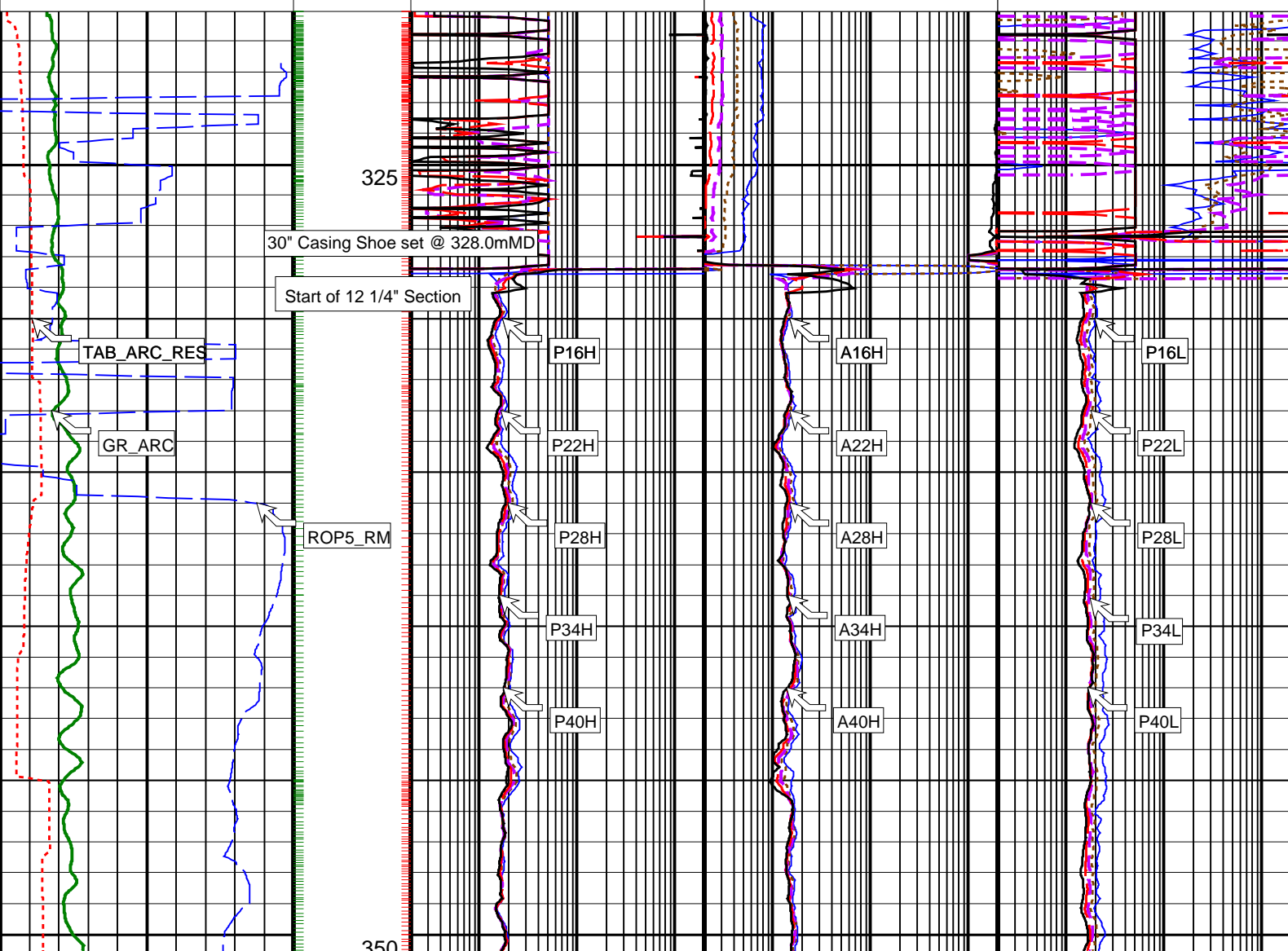
0.2 (OHMM) 200

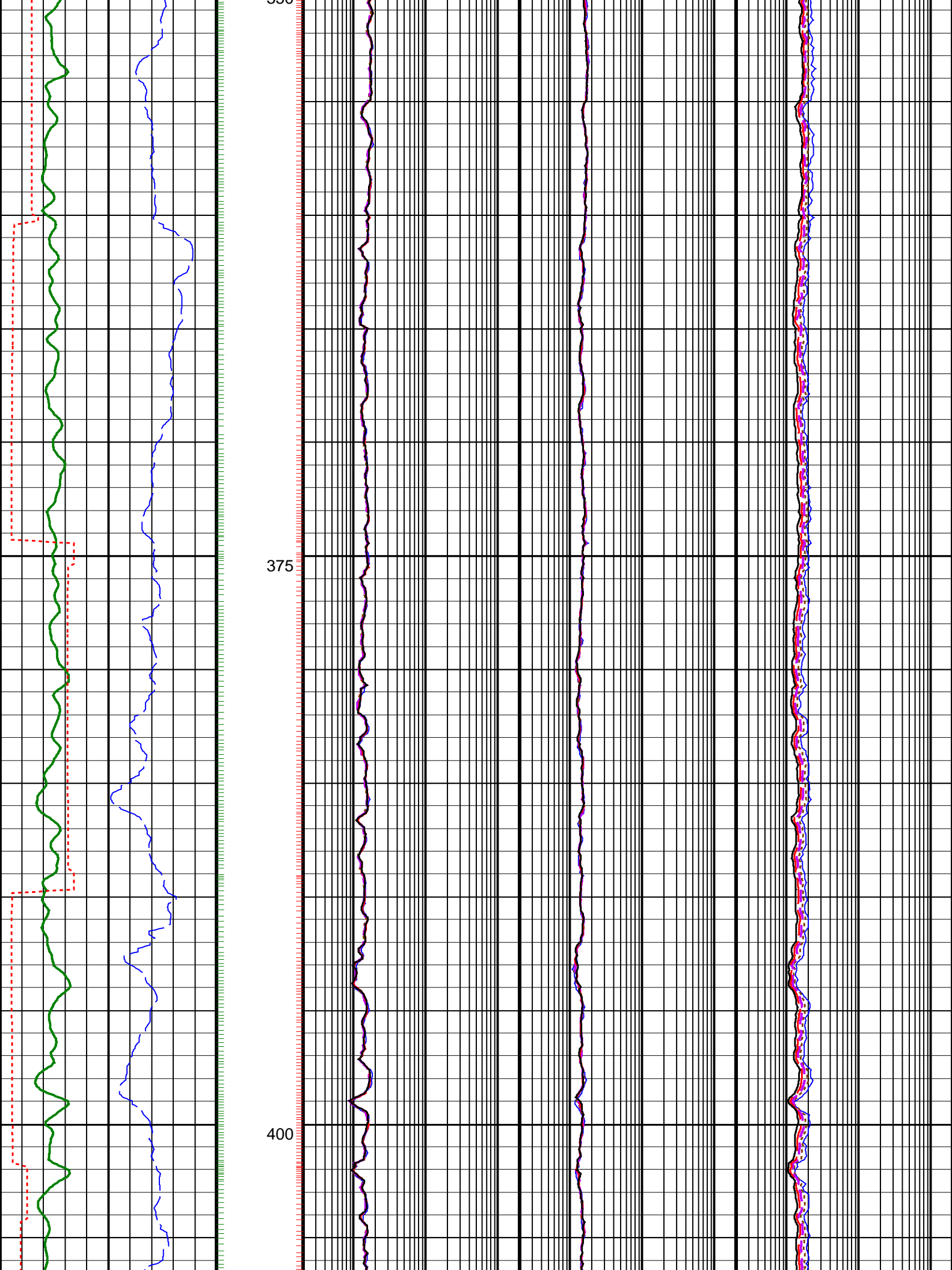
ARC Attenuation Resistivity
16-in. at 2 MHz (A16H)

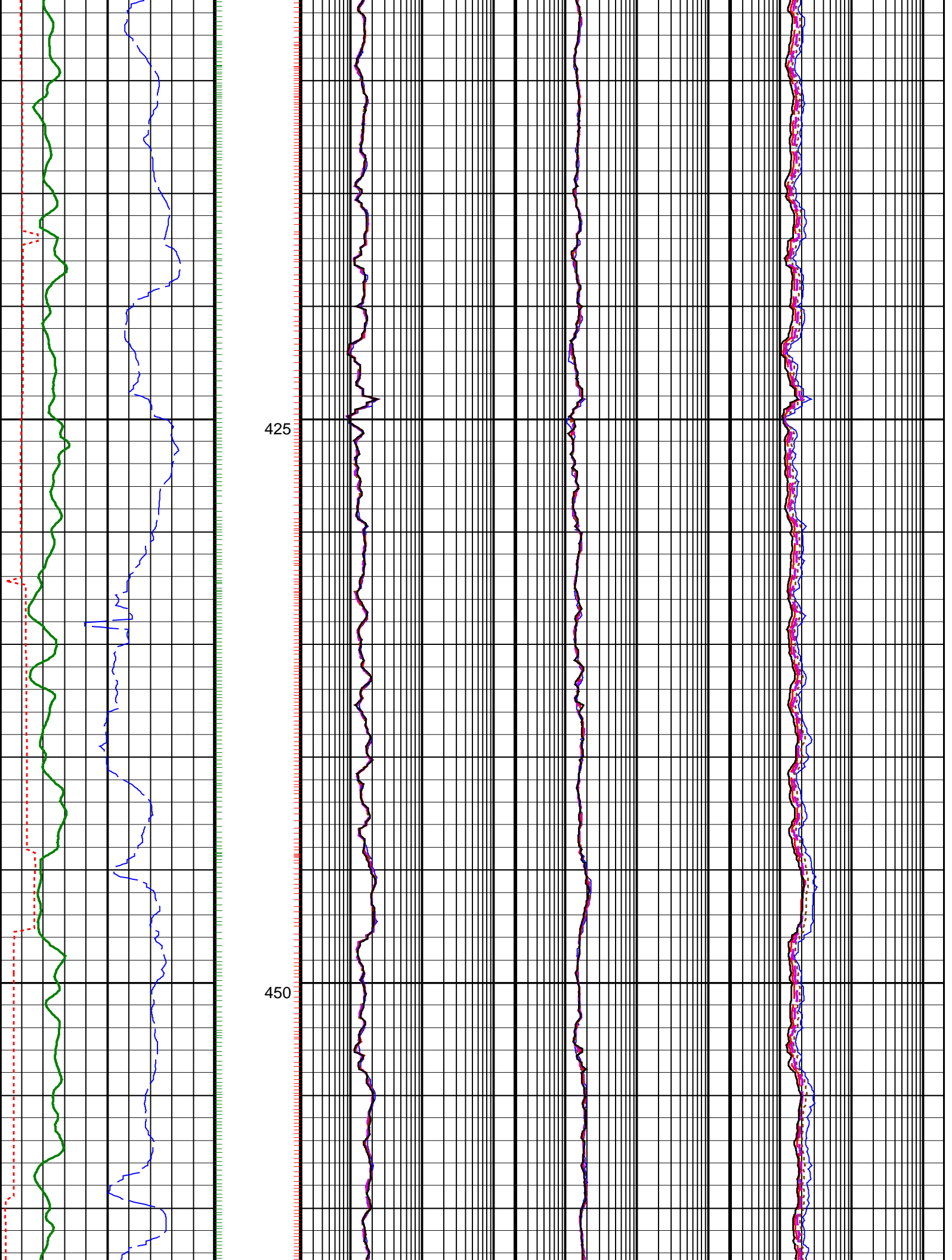
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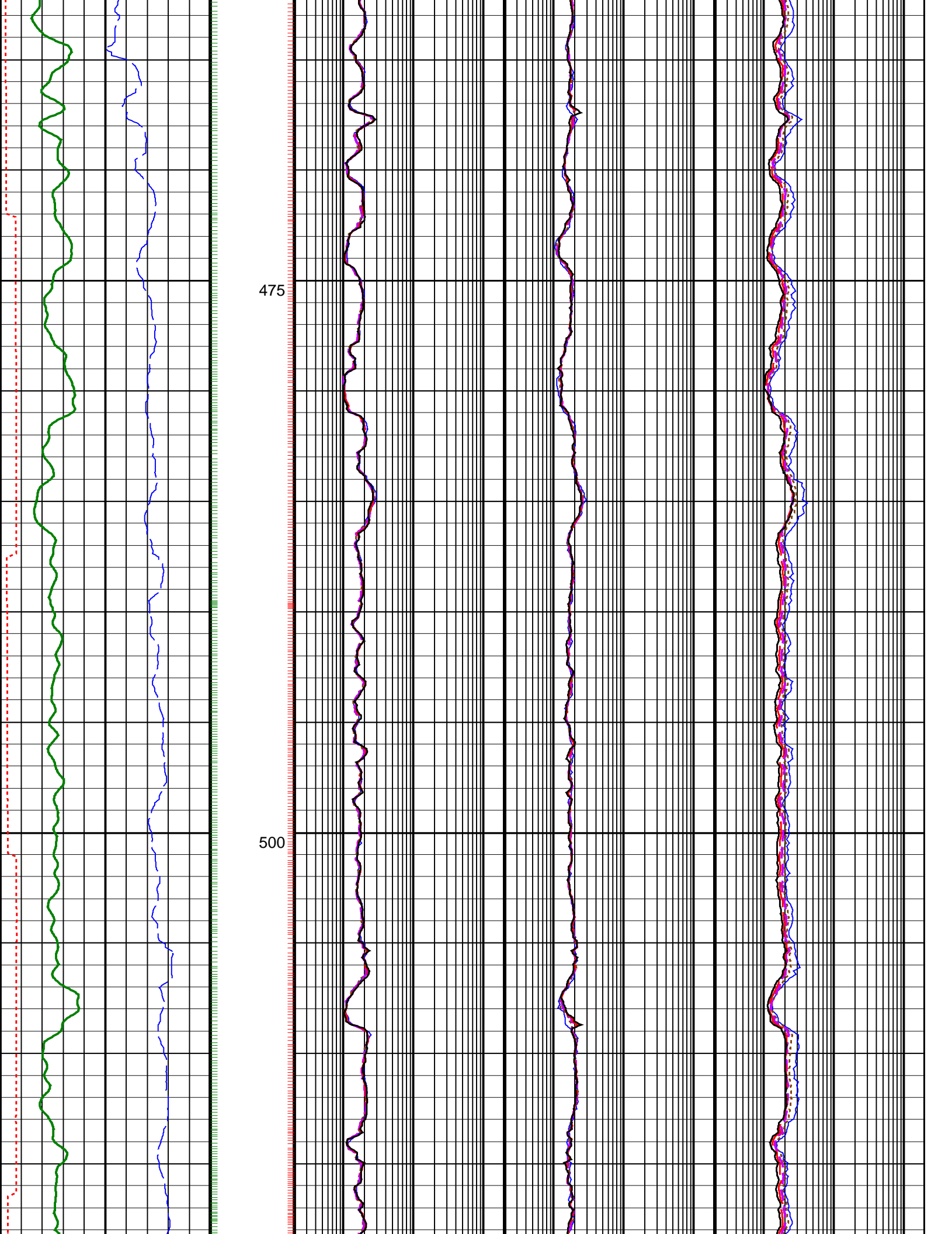
ARC Phase-Shift Resistivity
16-in. at 400 KHz (P16L)

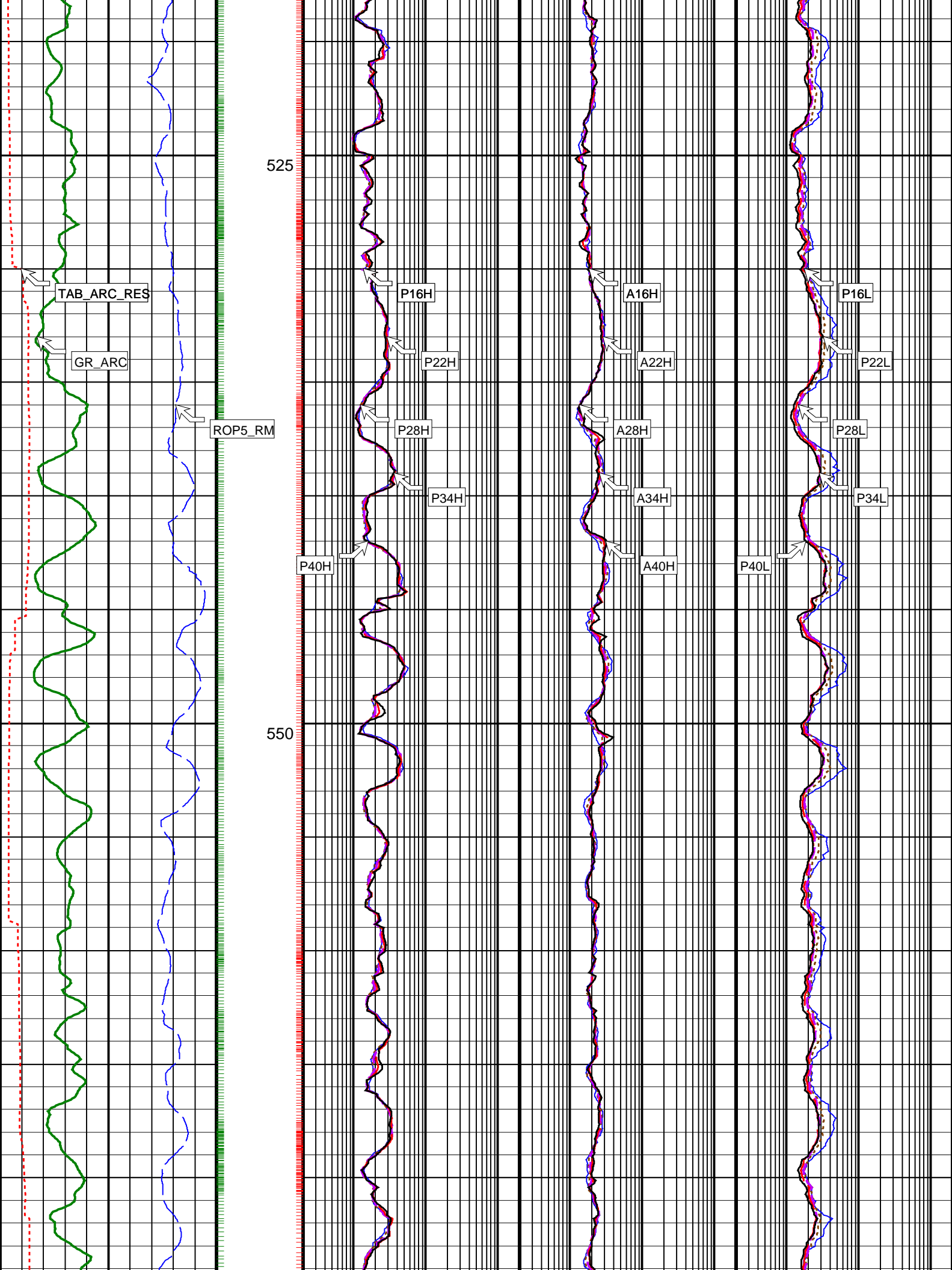
0.2 (OHMM) 200

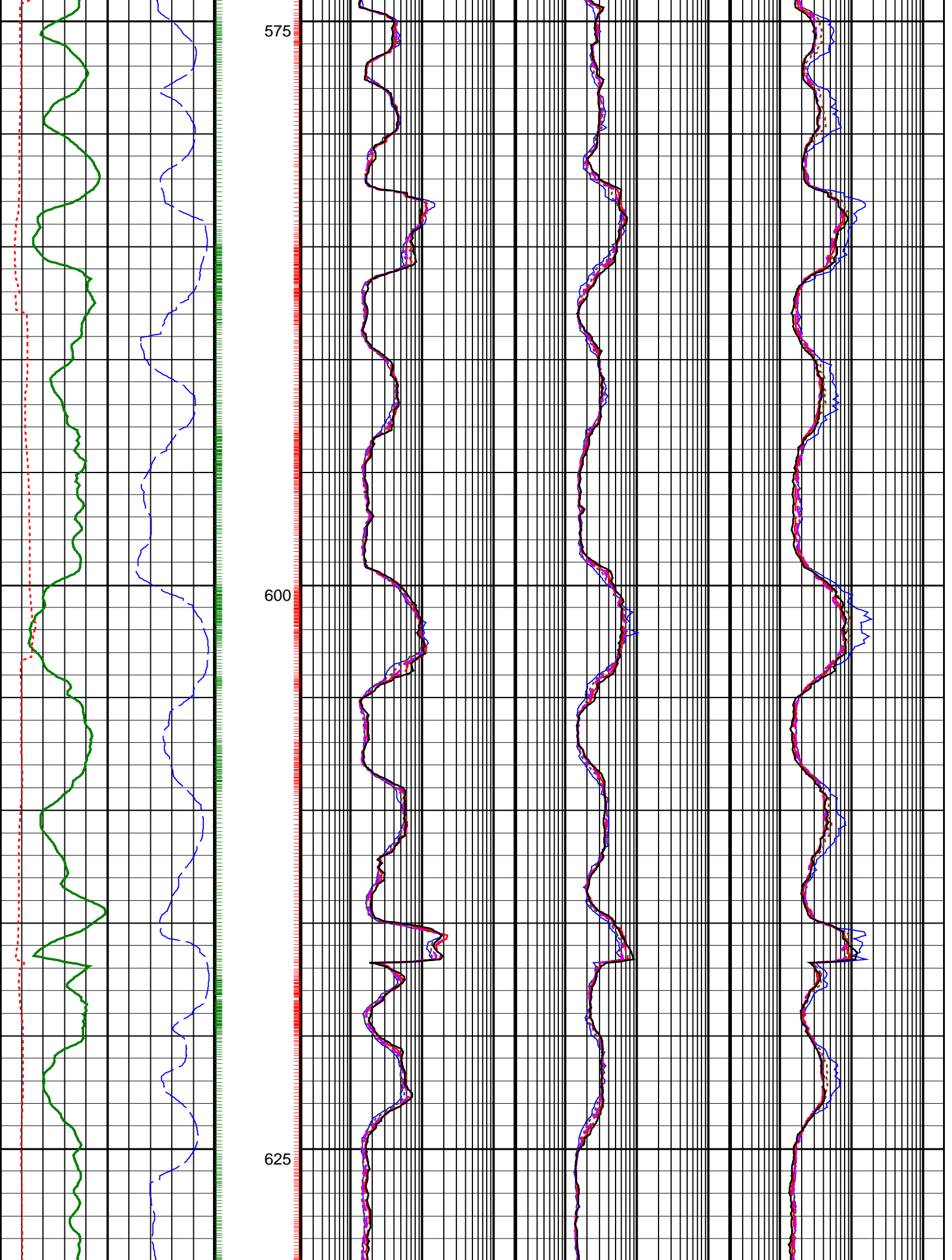


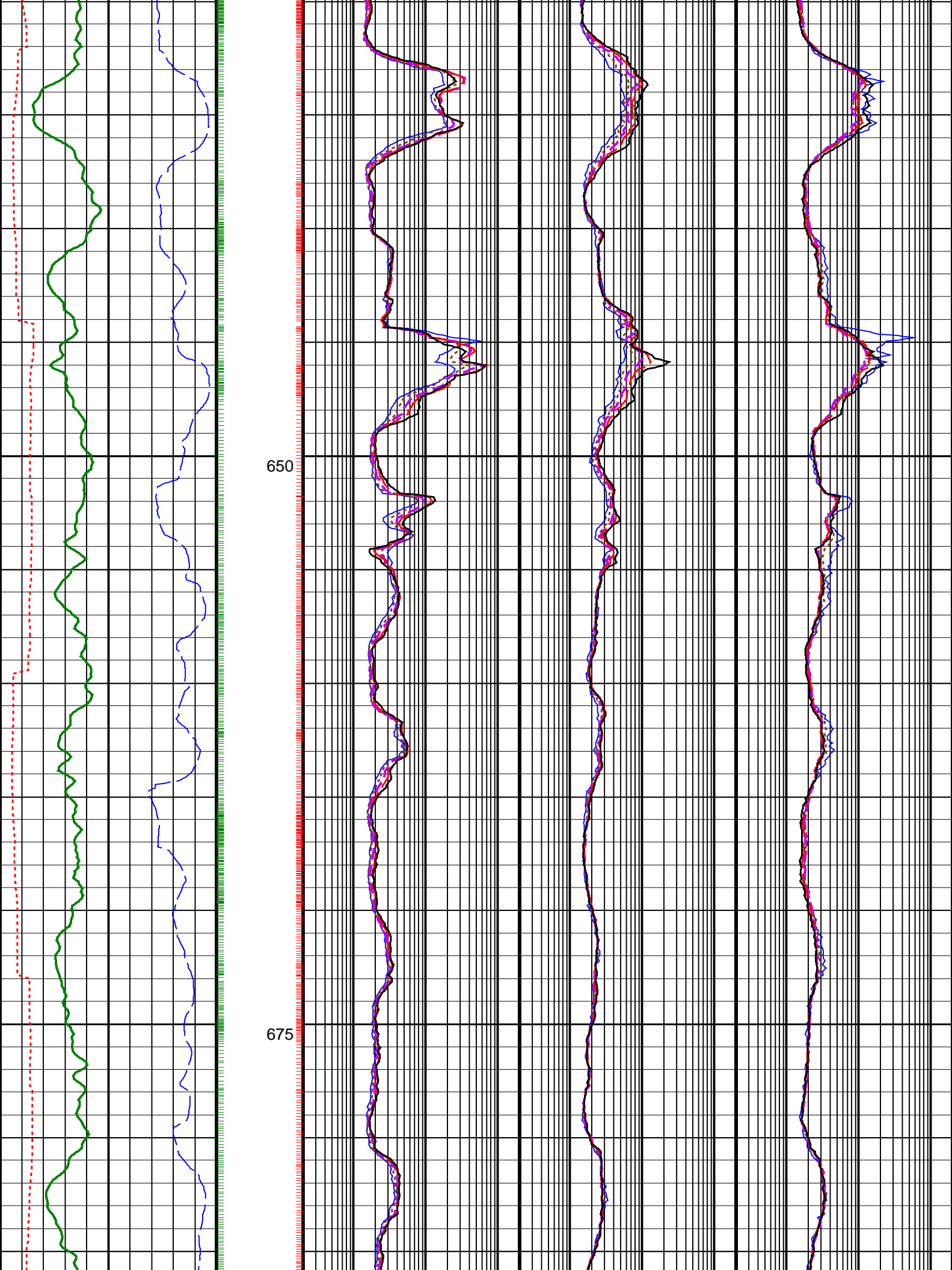


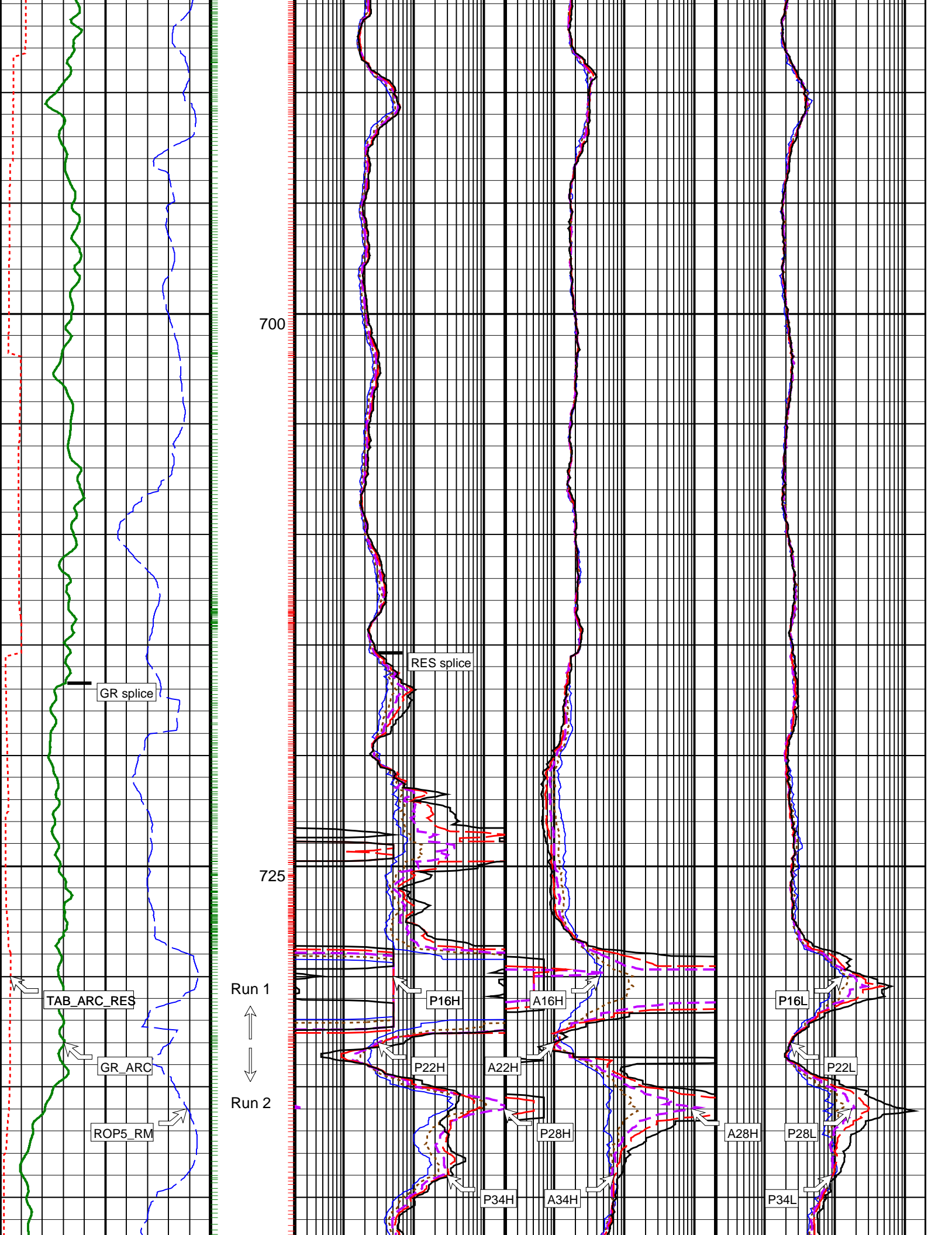


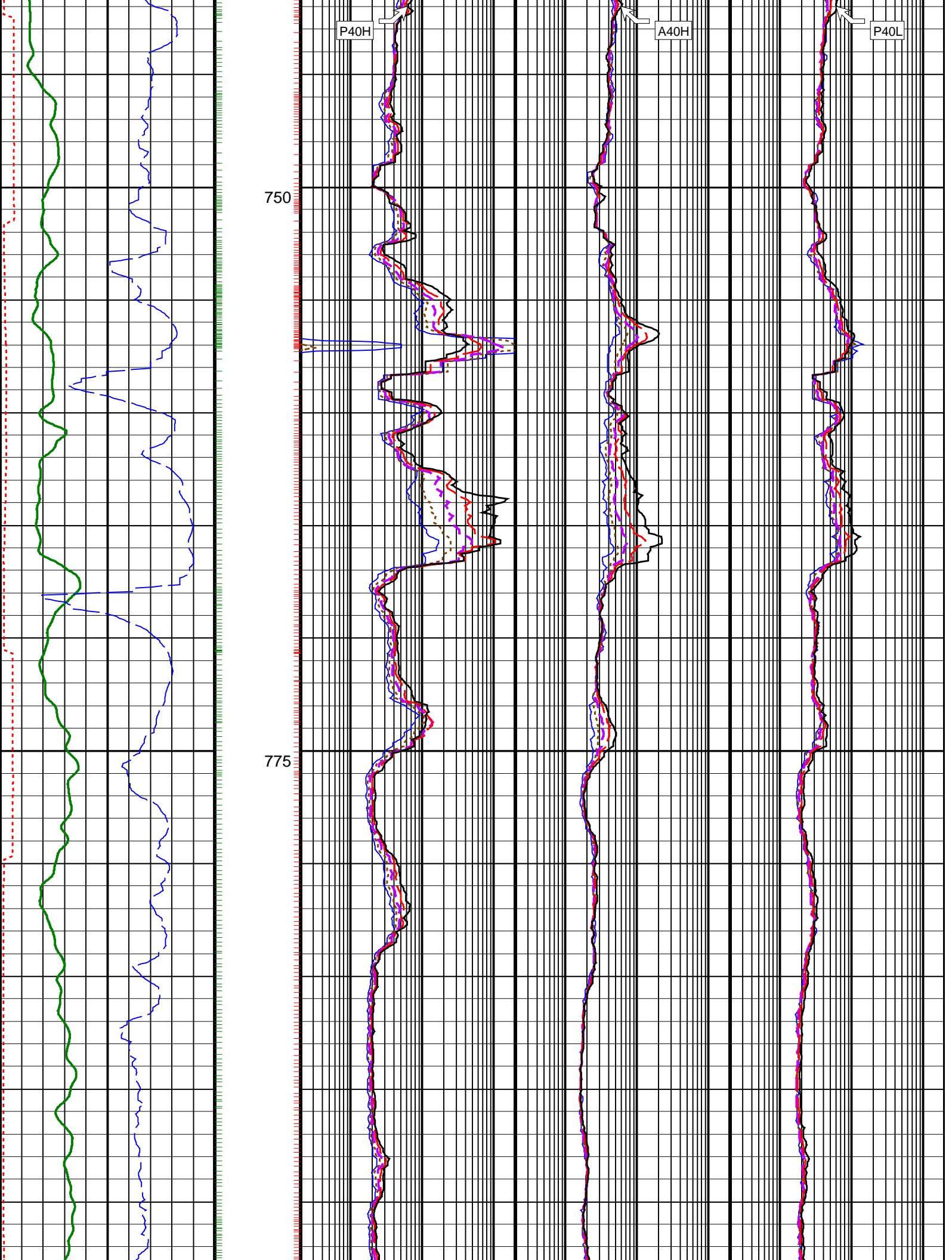


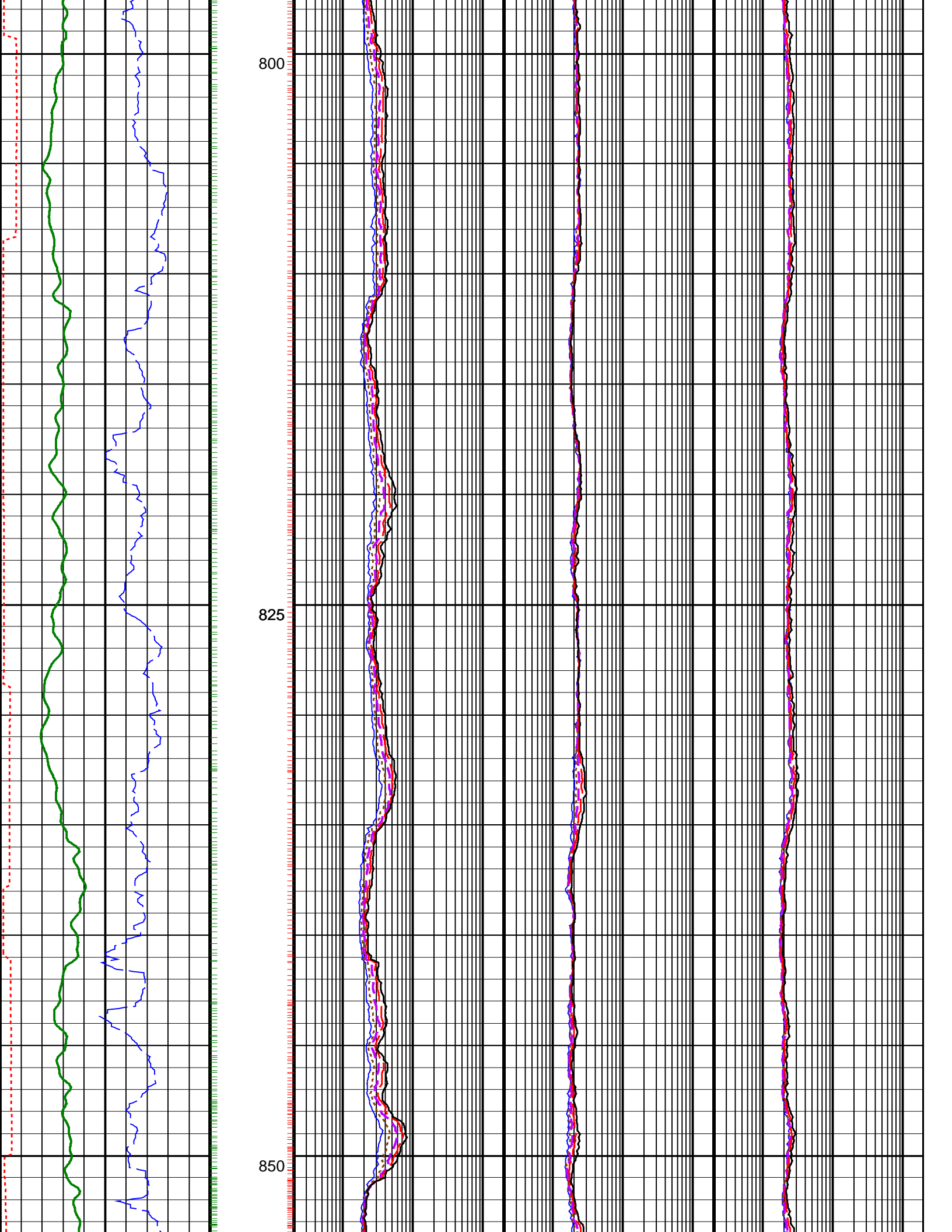


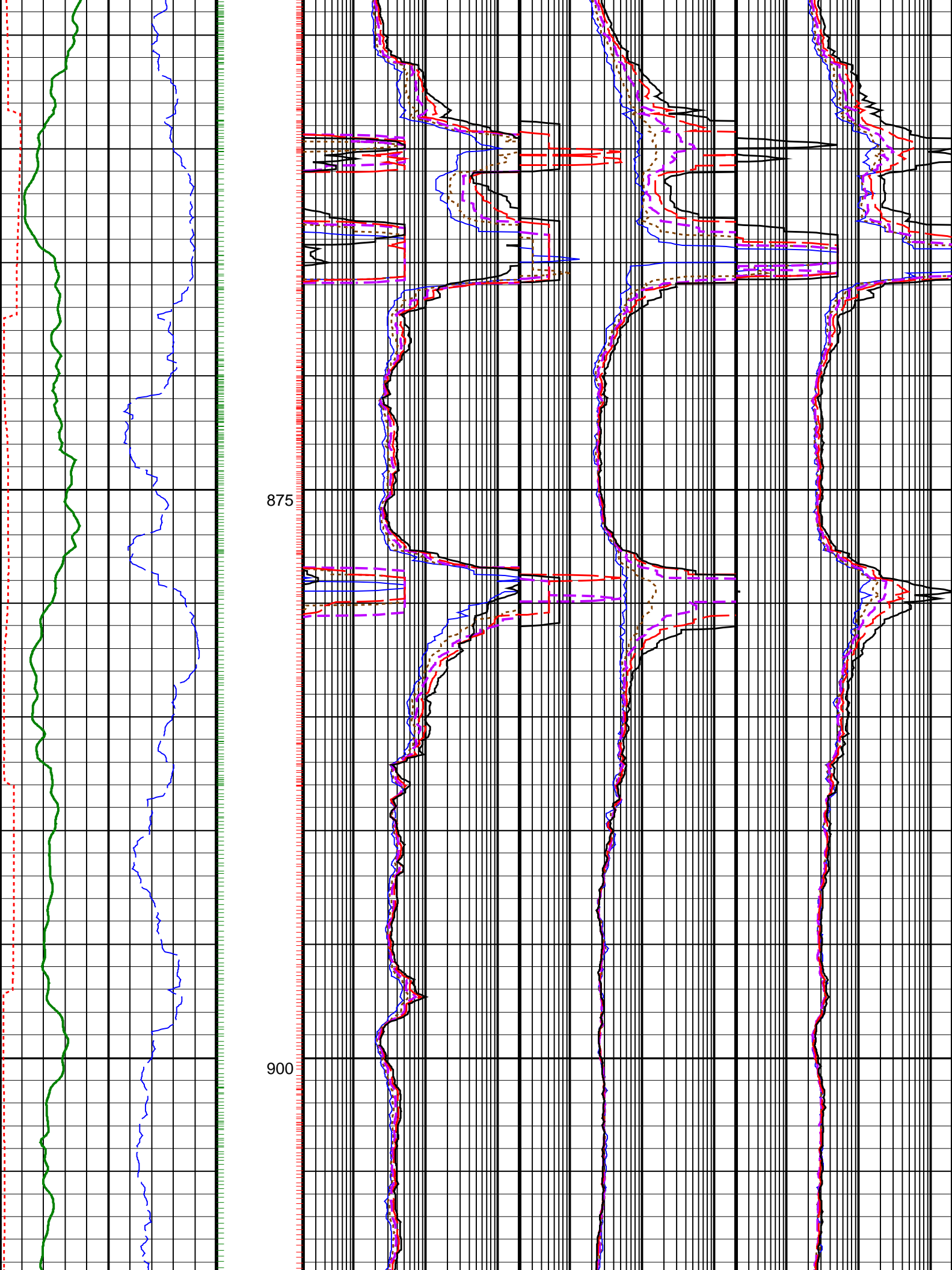


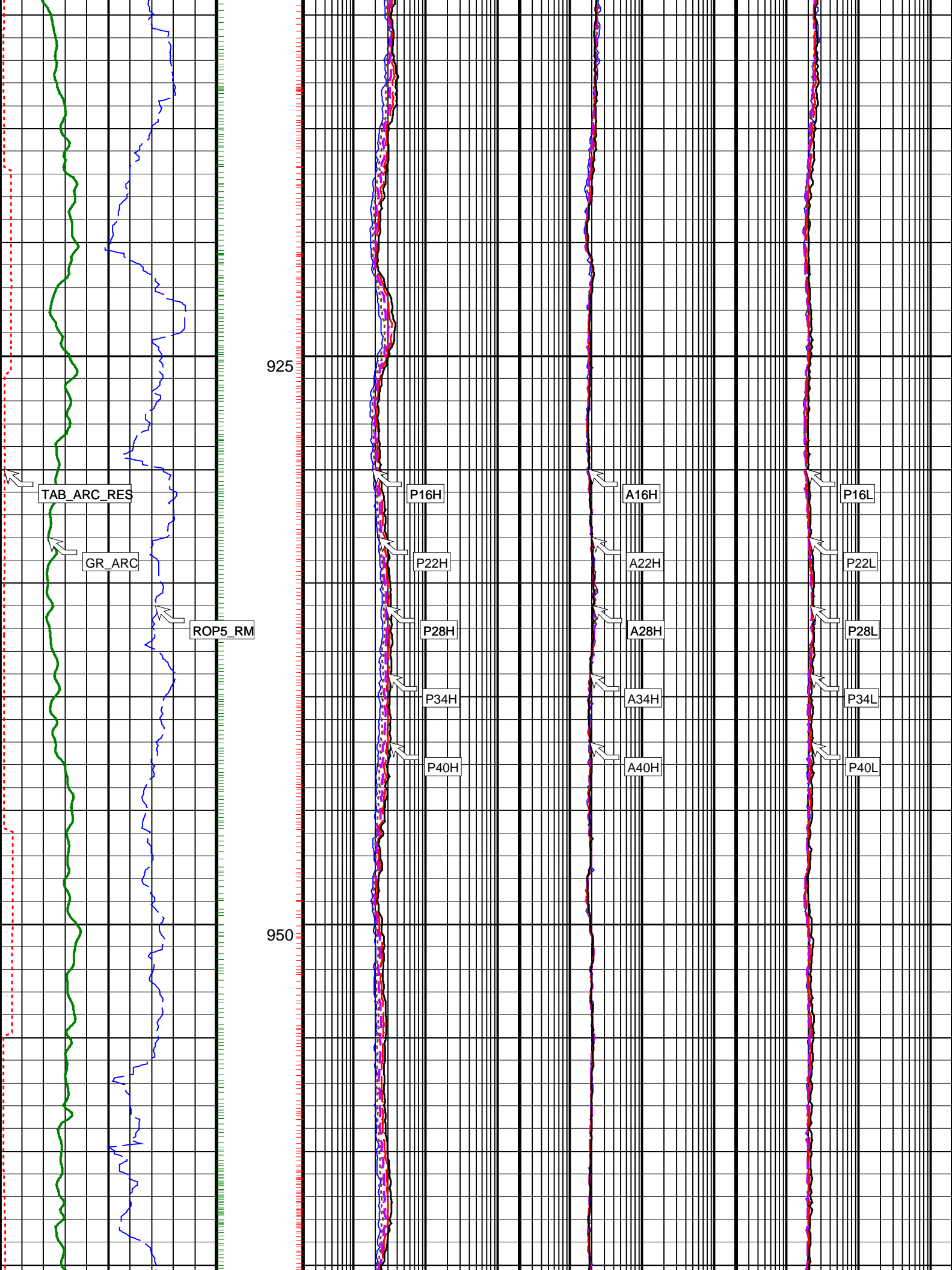


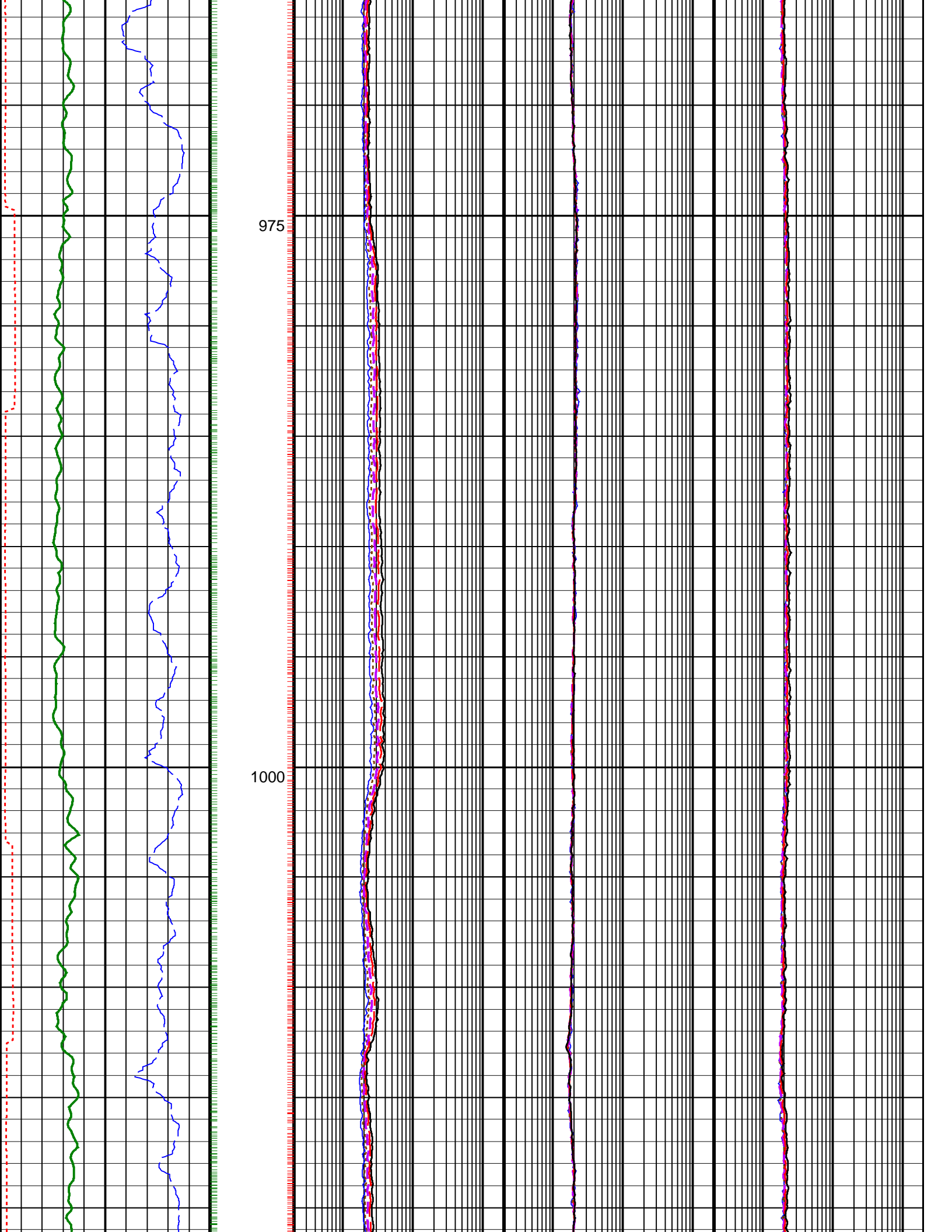


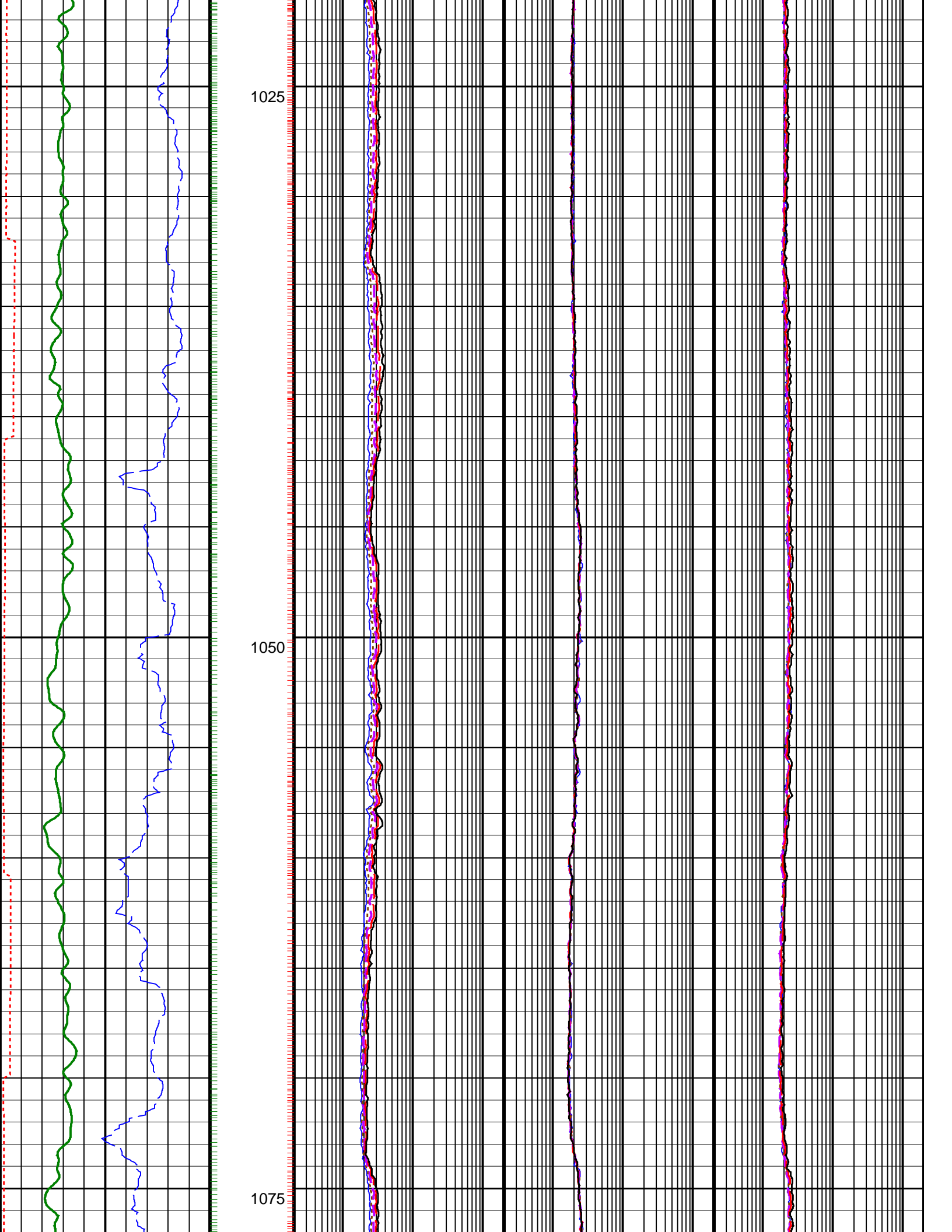


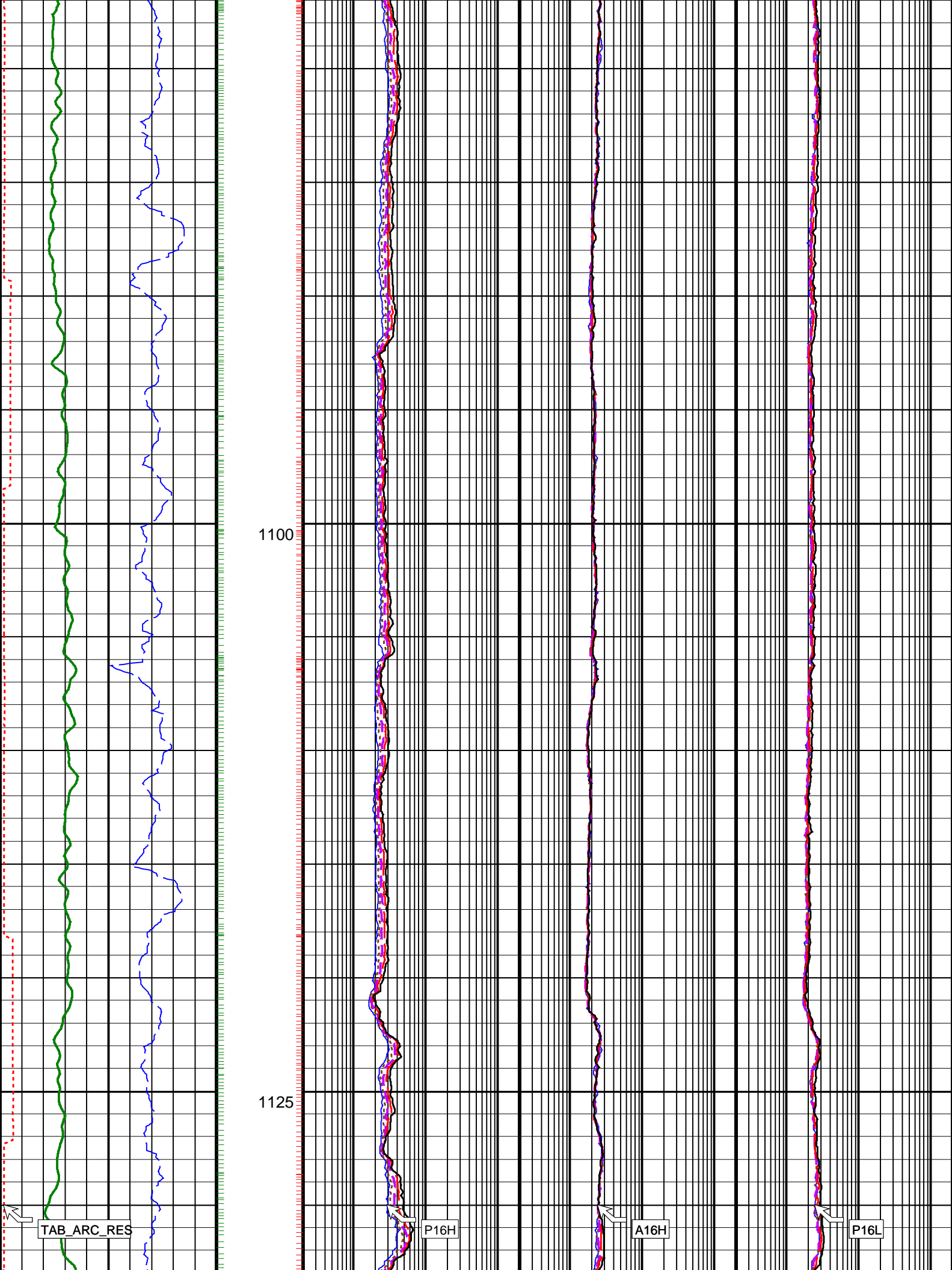


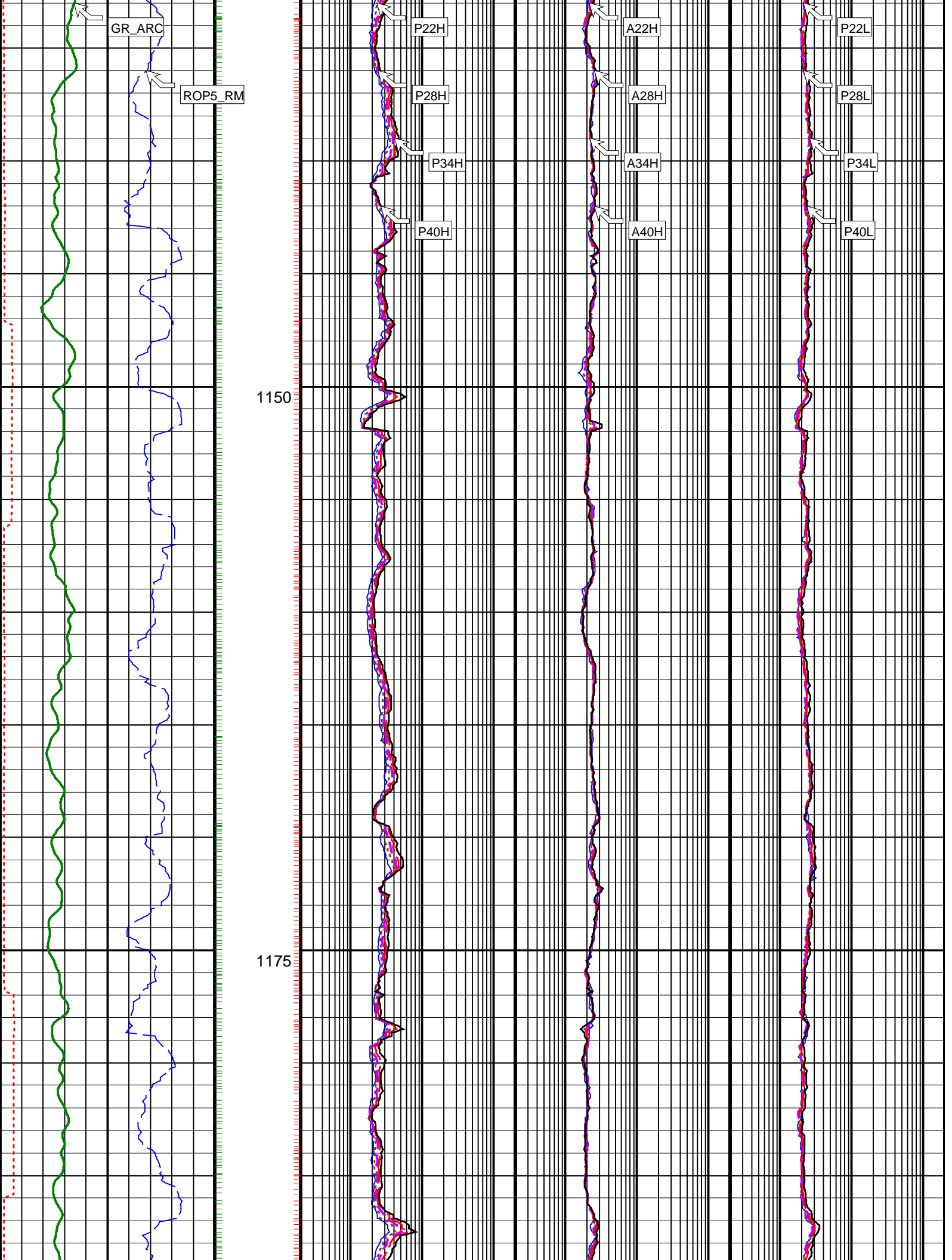


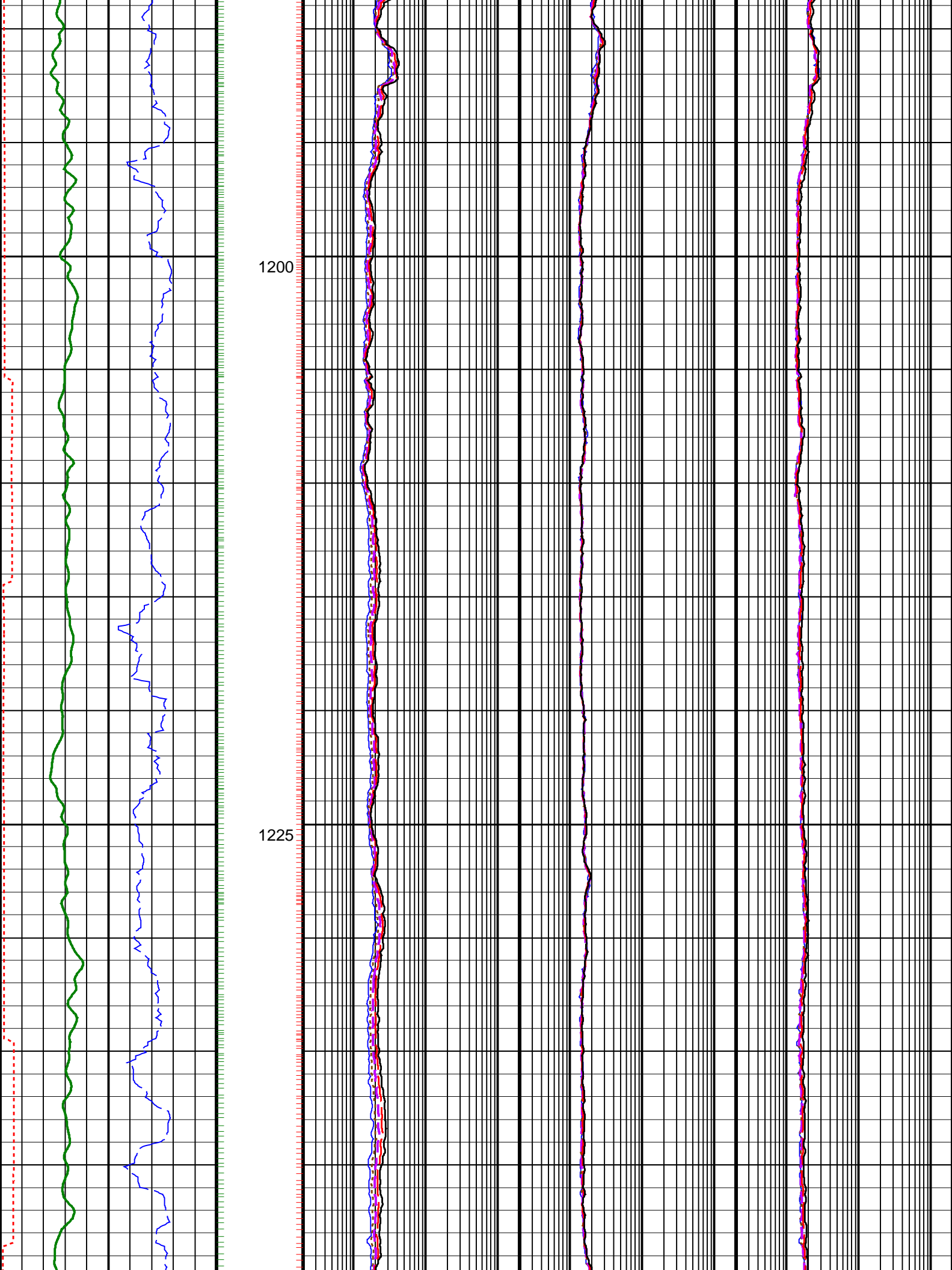


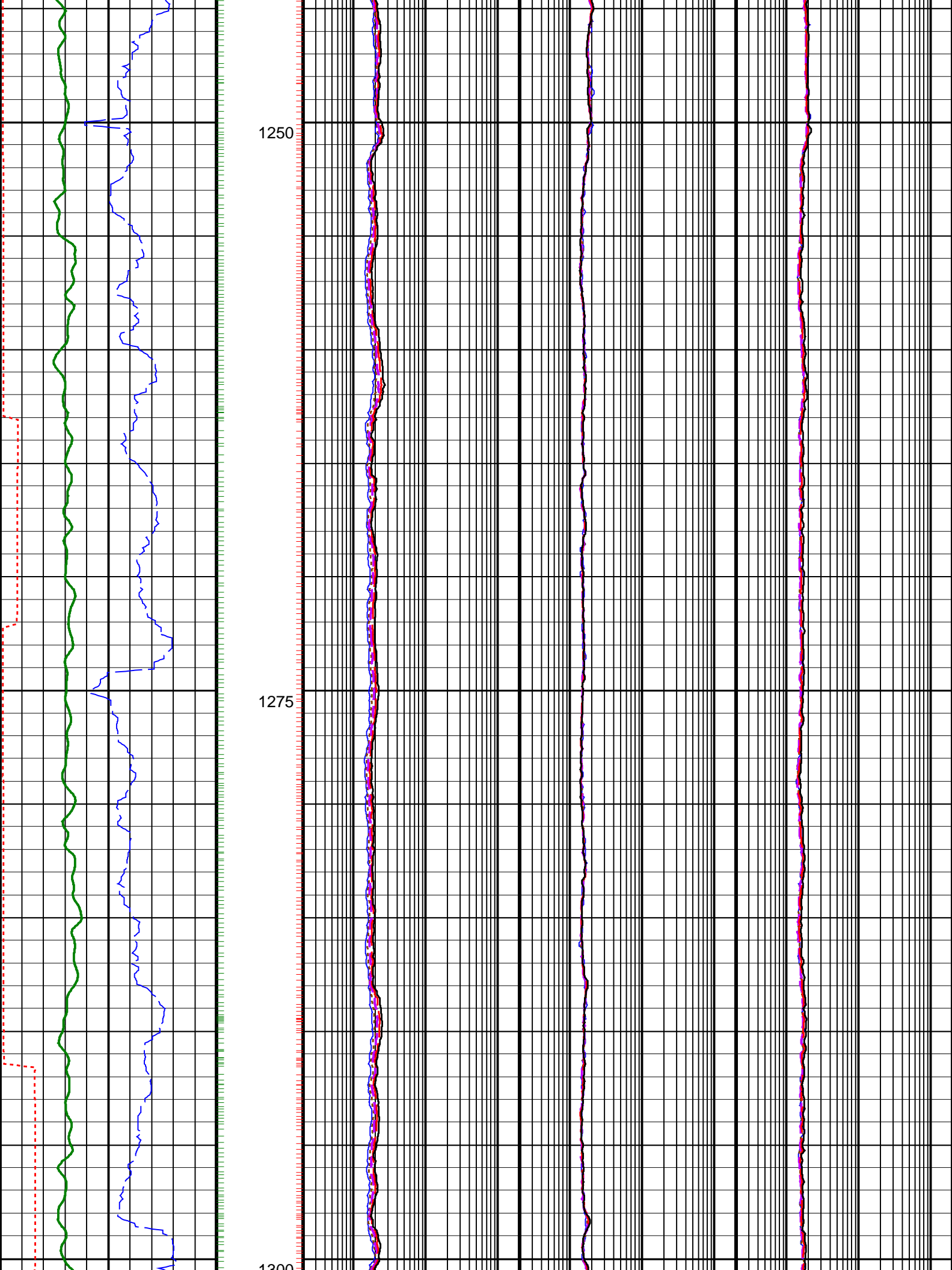


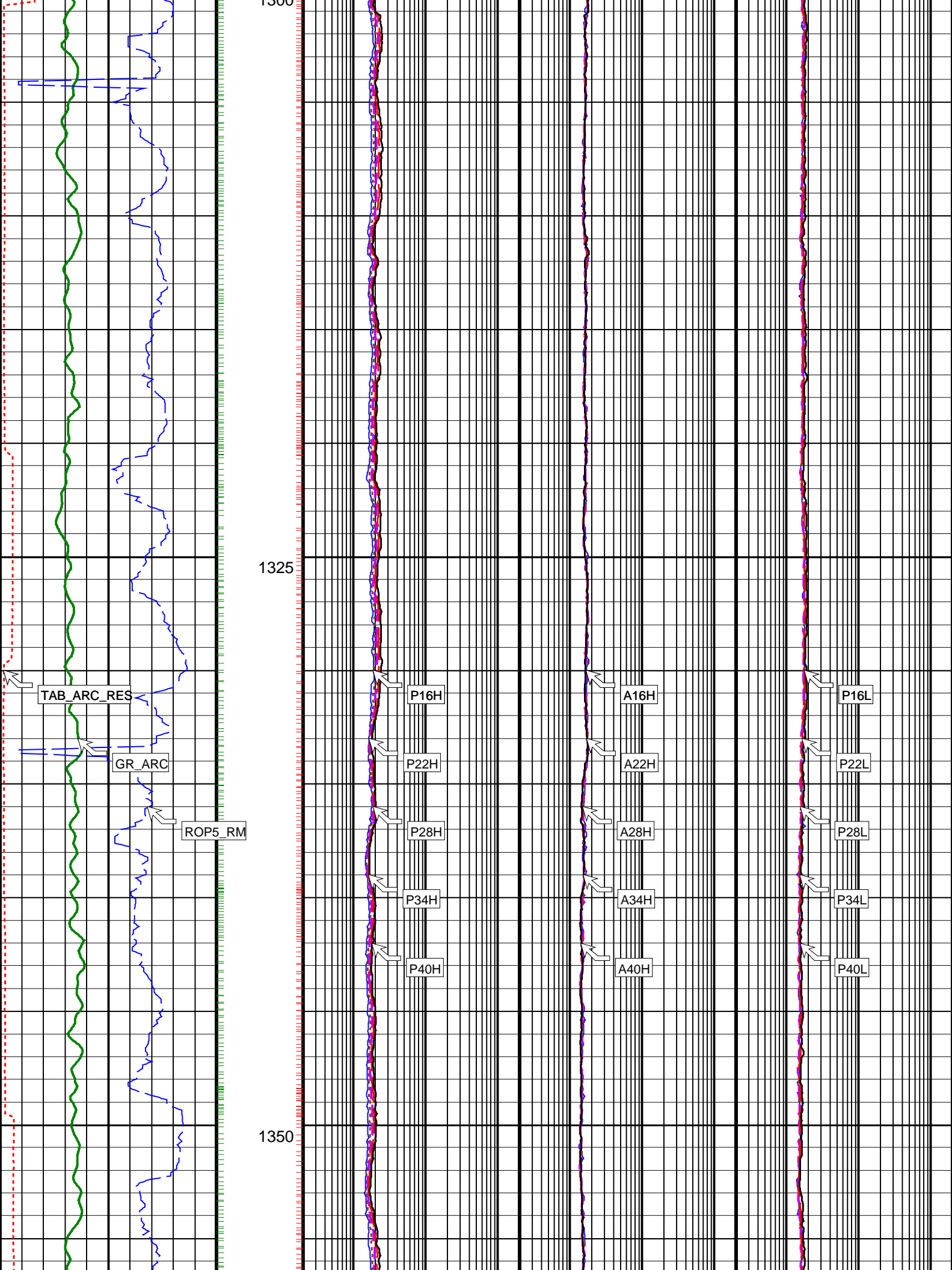


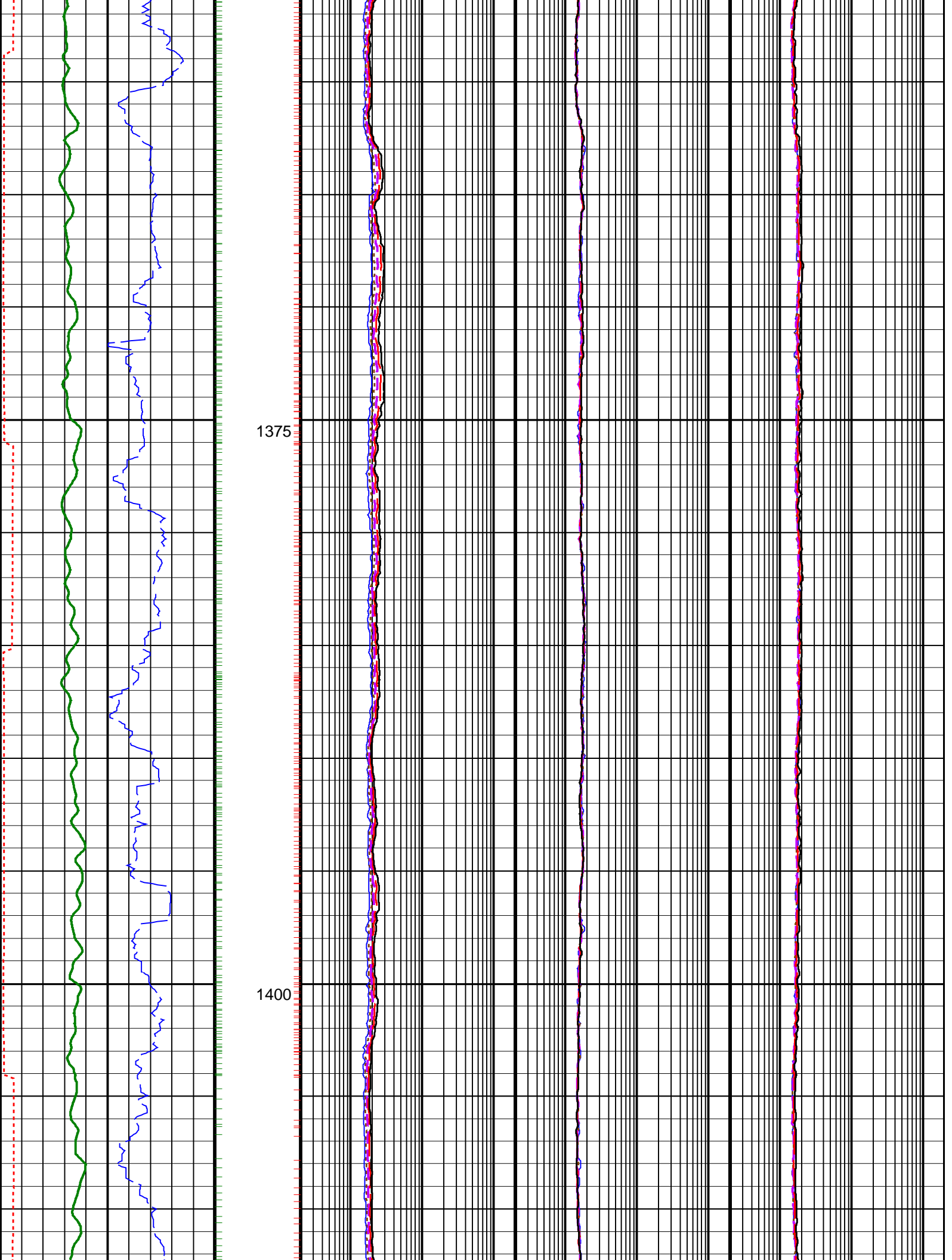


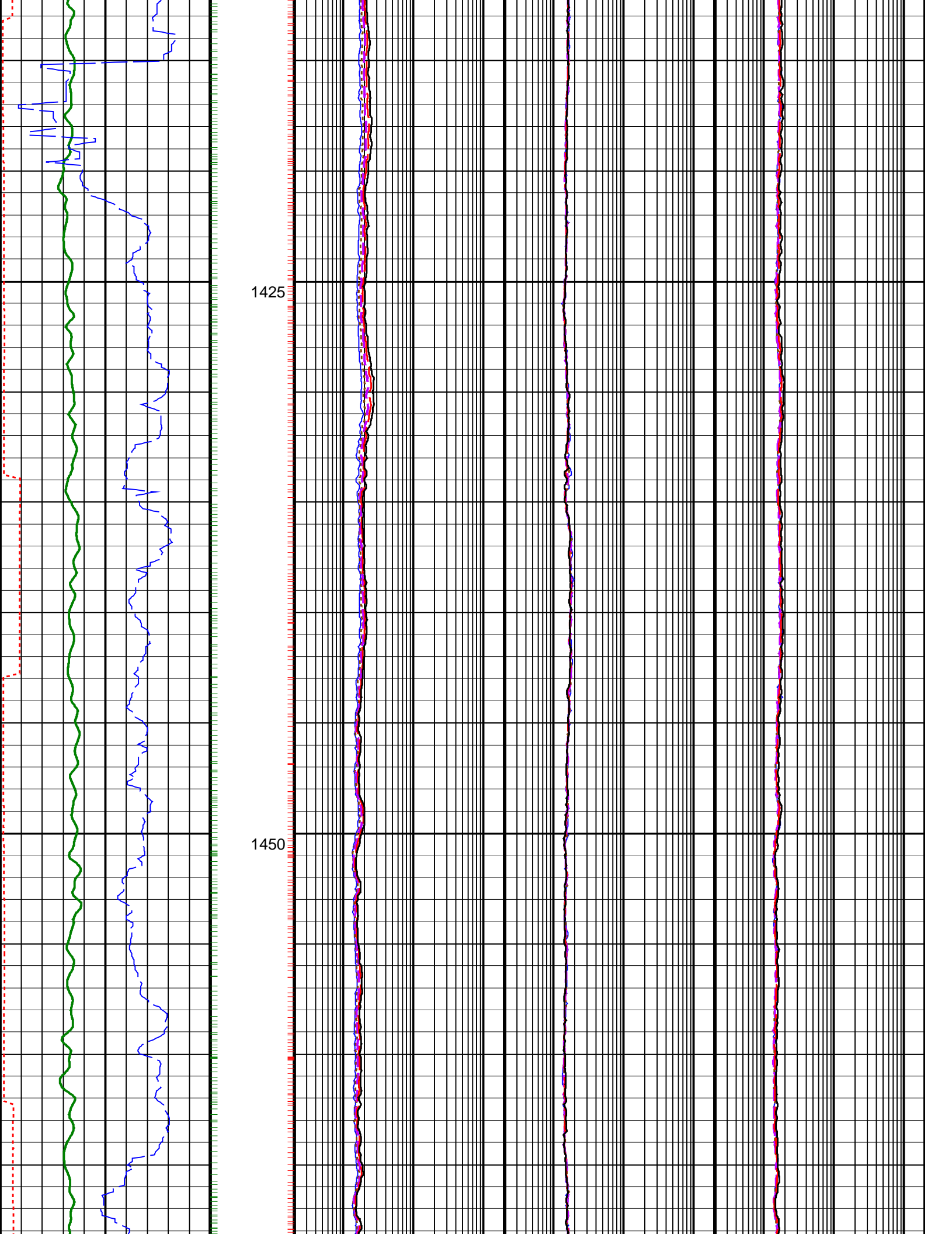


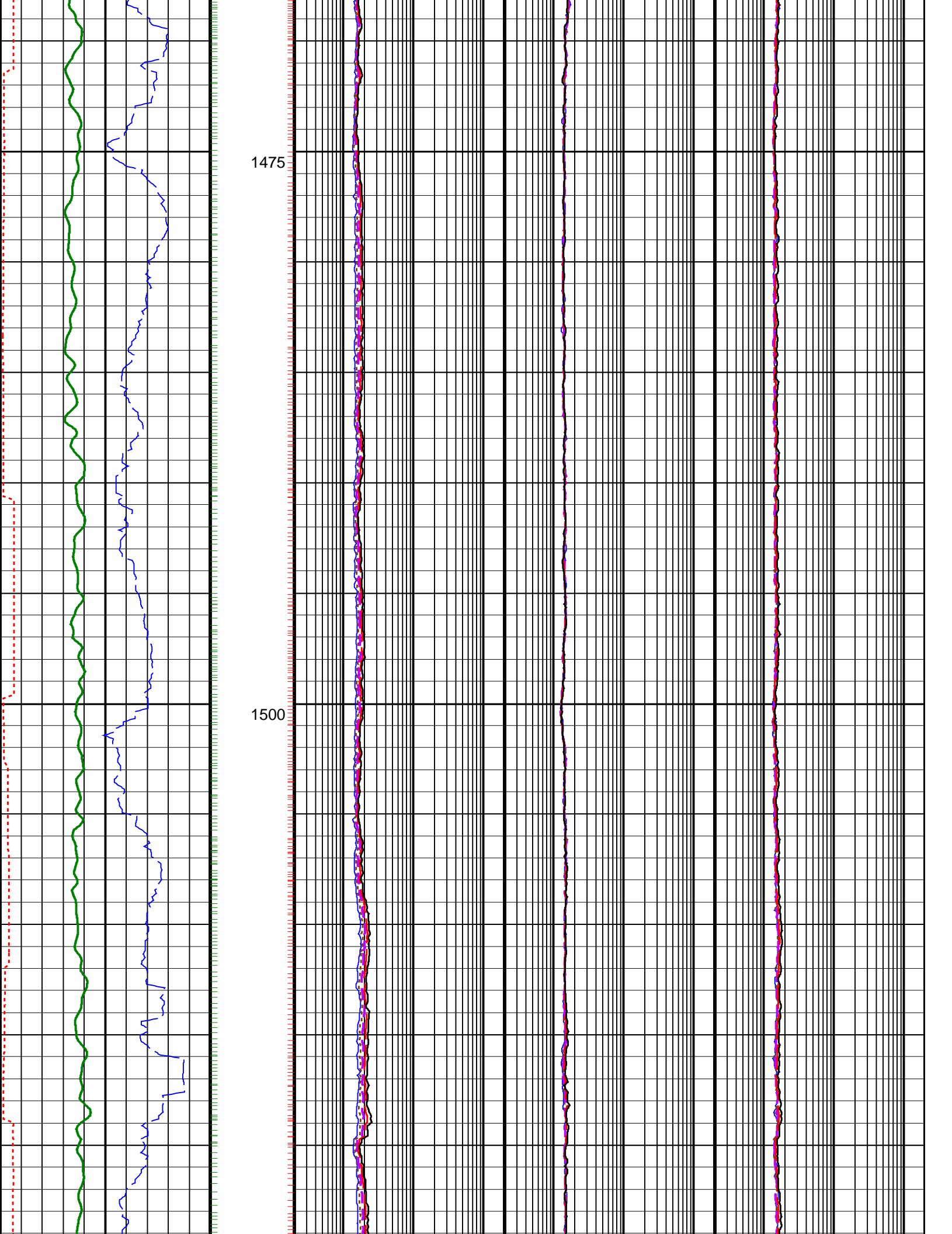


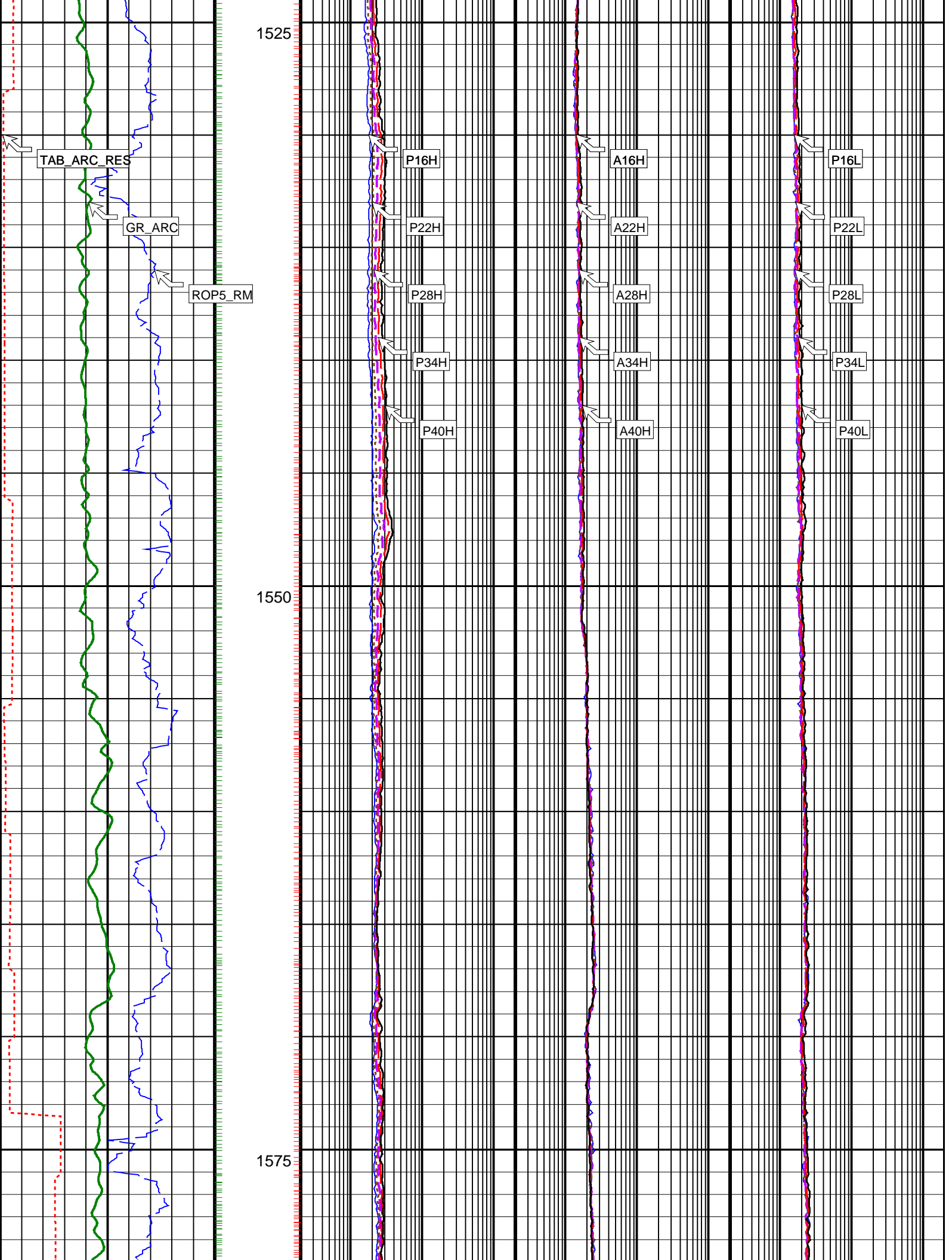


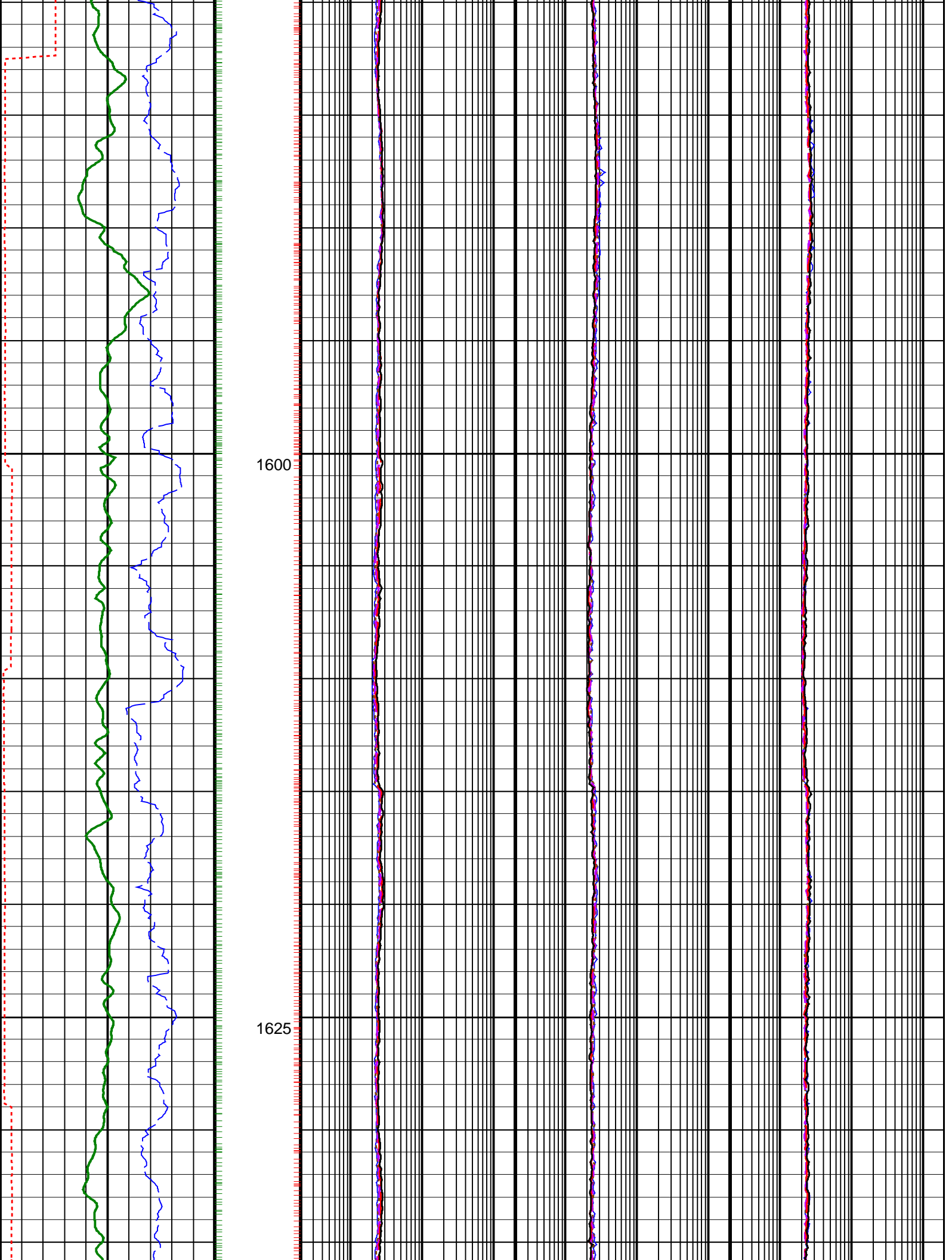


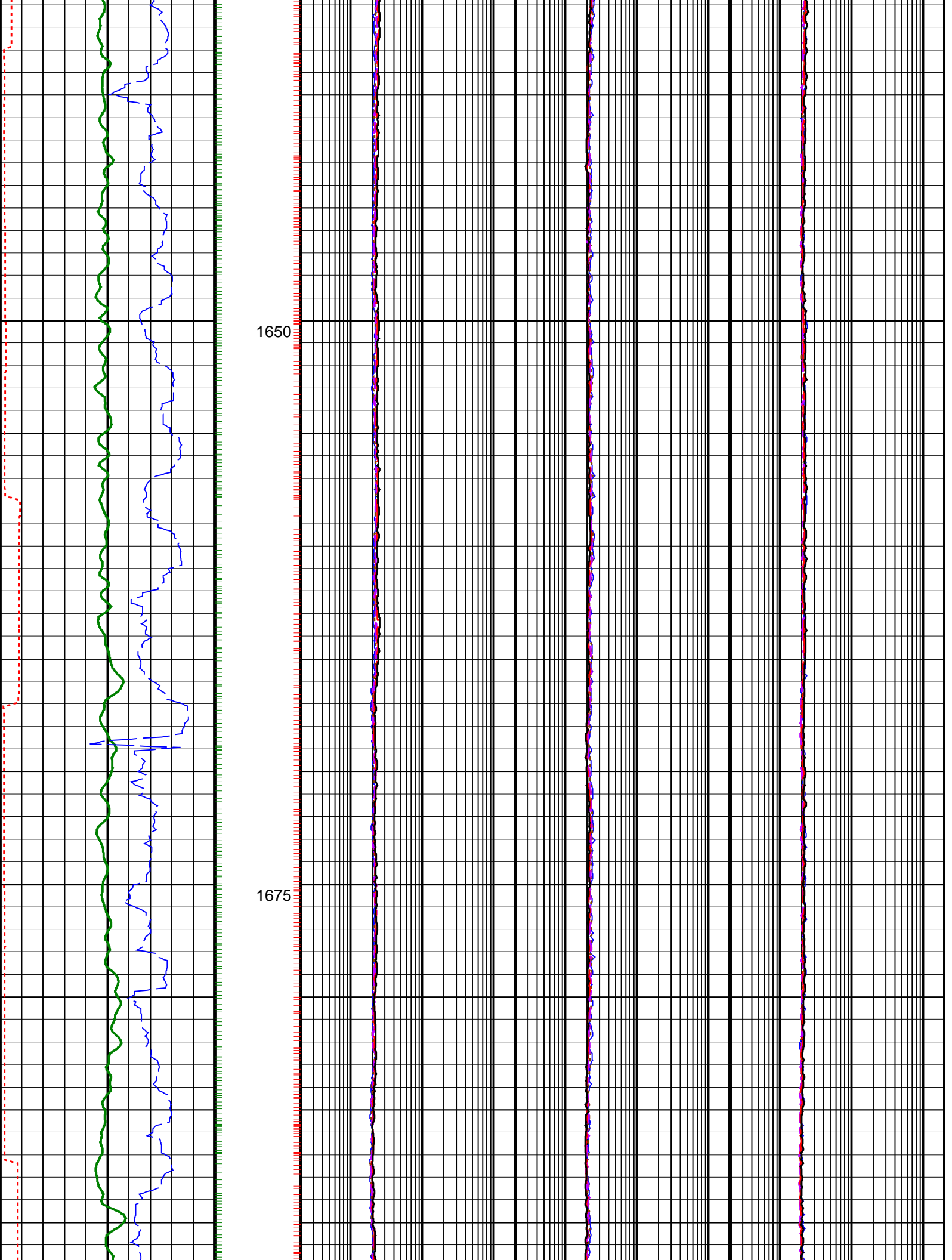


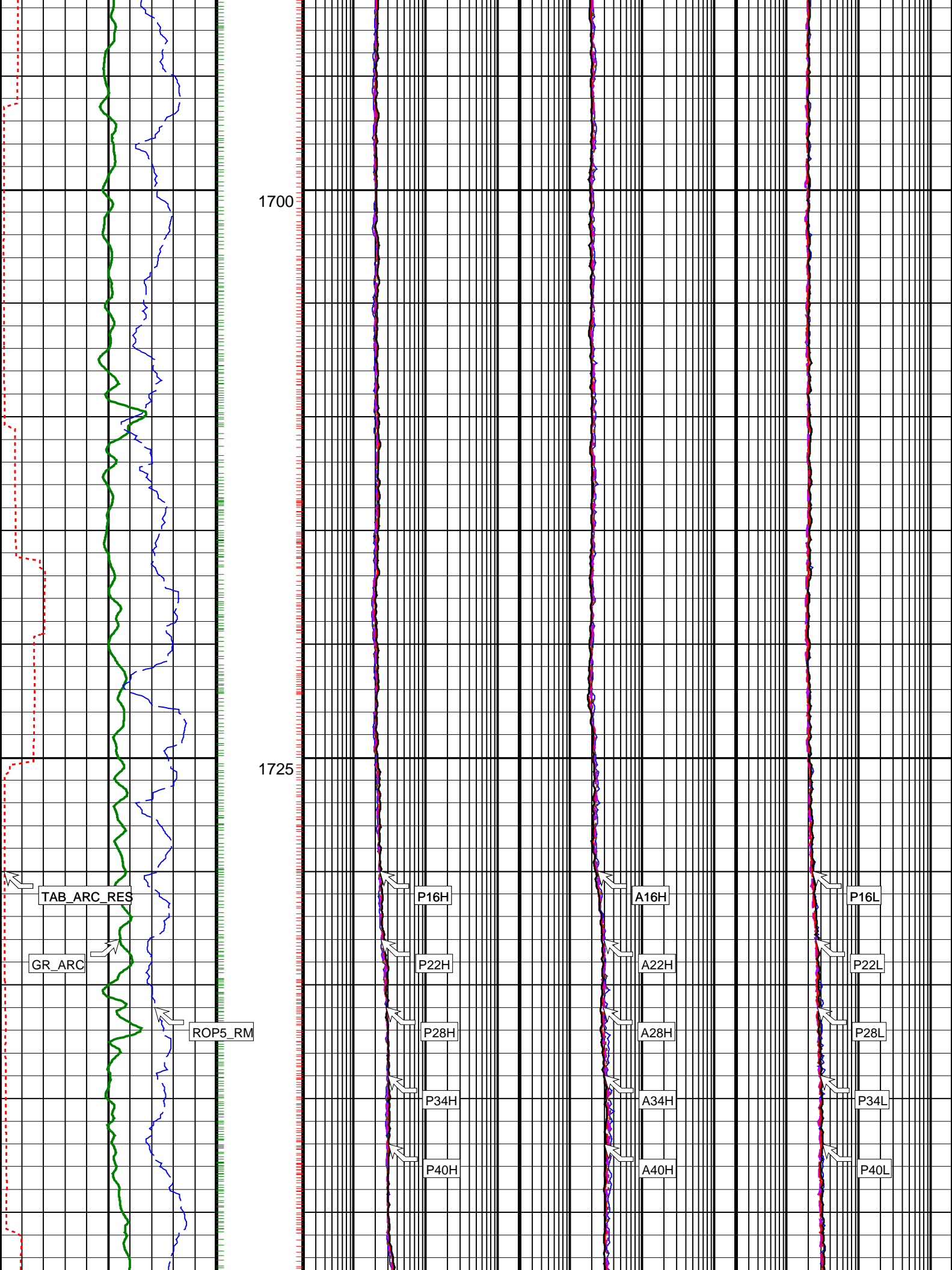


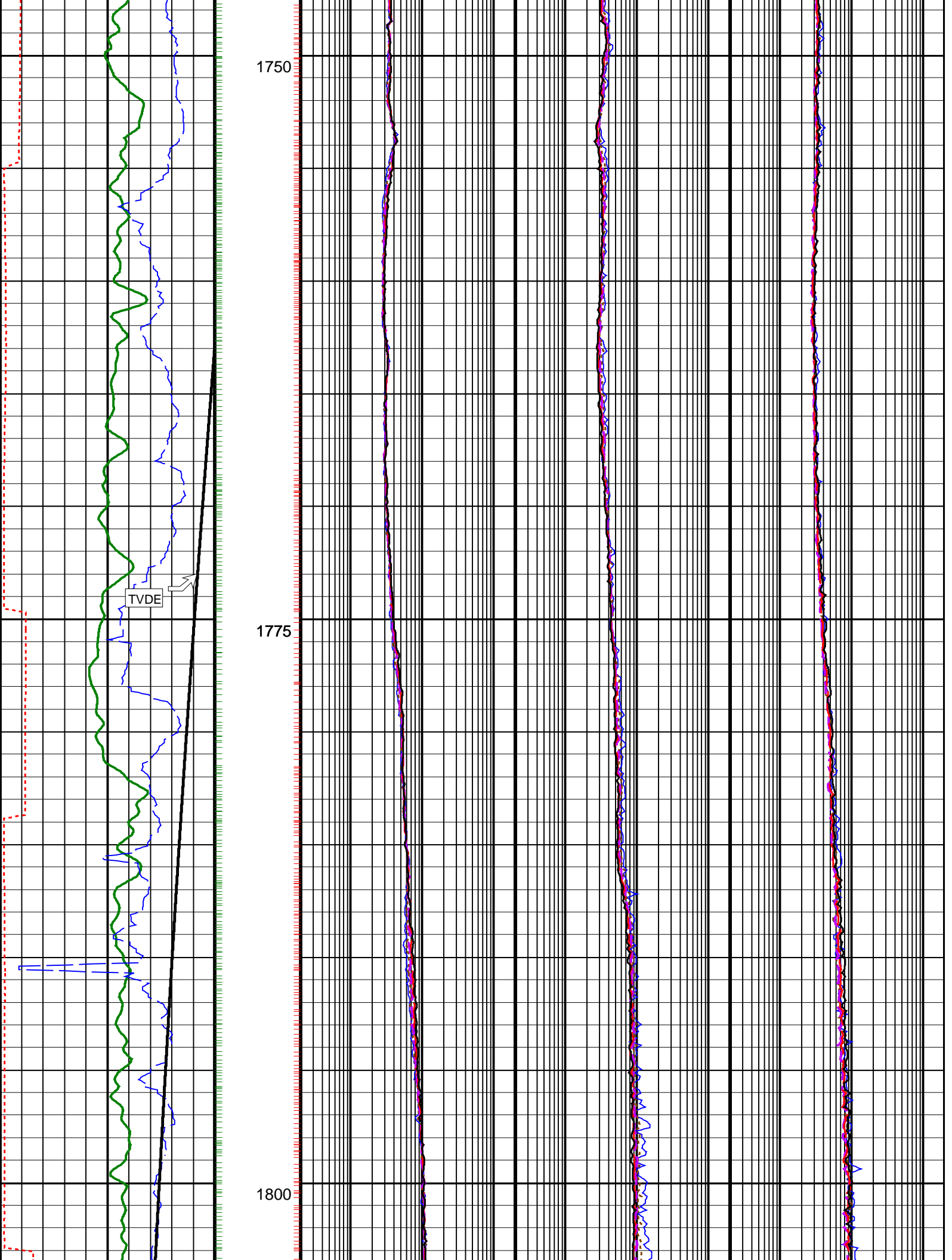


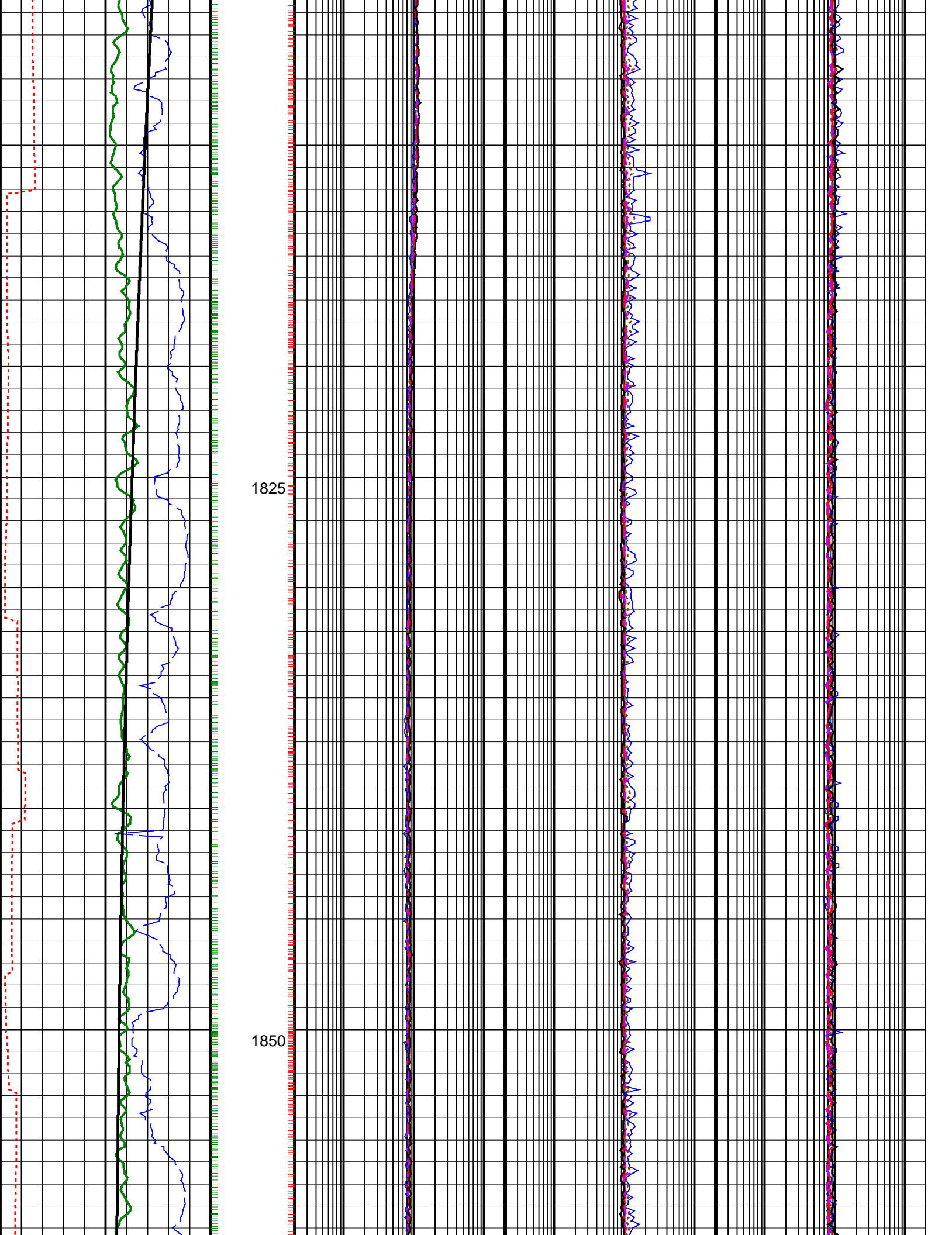


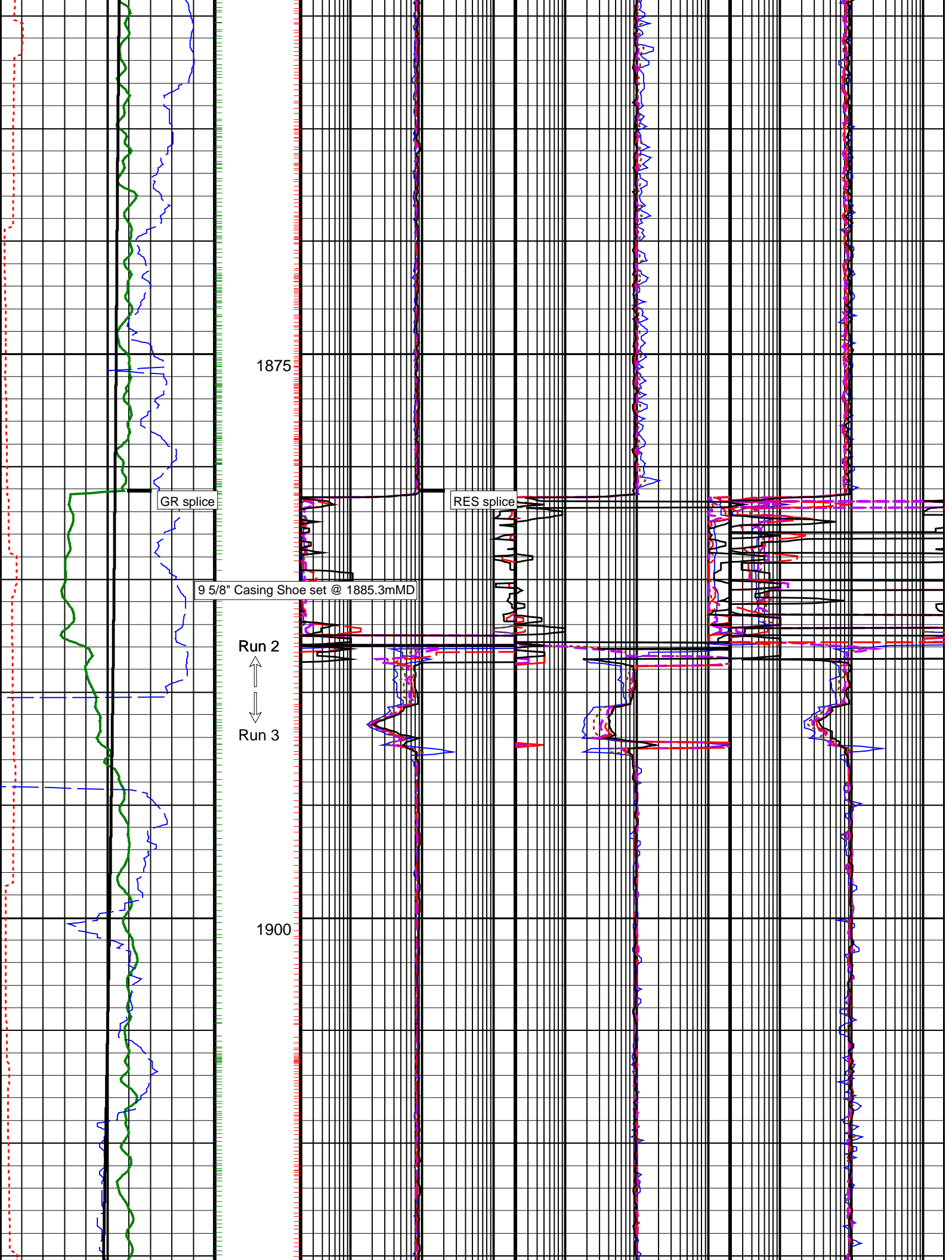


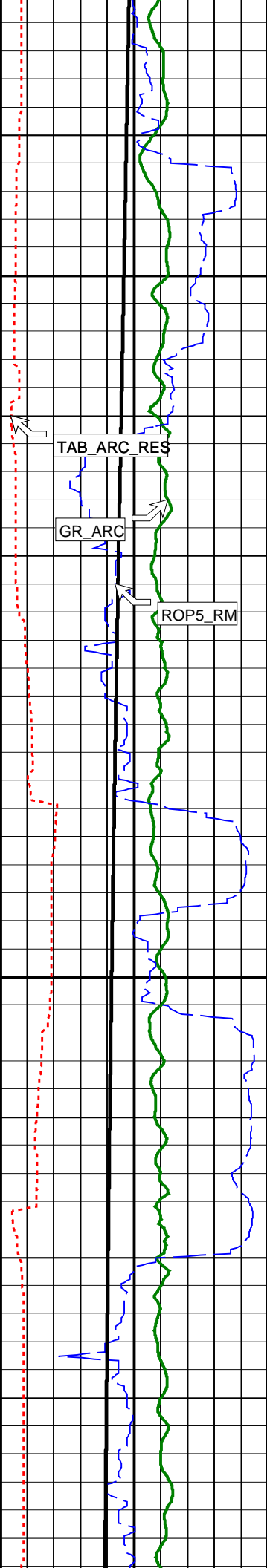












1925

1950

P16H

P22H

P28H

P34H

P40H

A16H

A22H

A28H

A34H

A40H

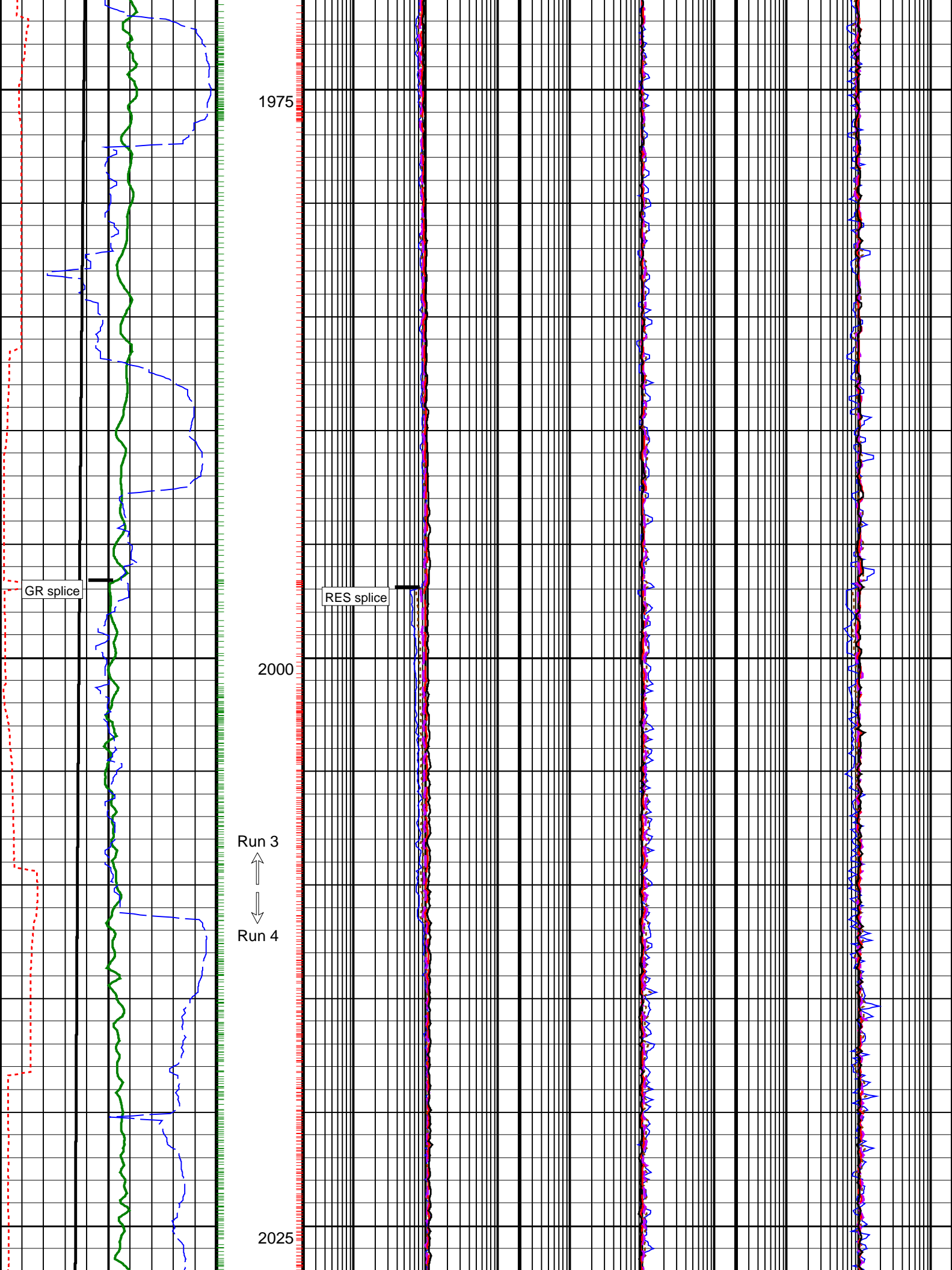
P16L

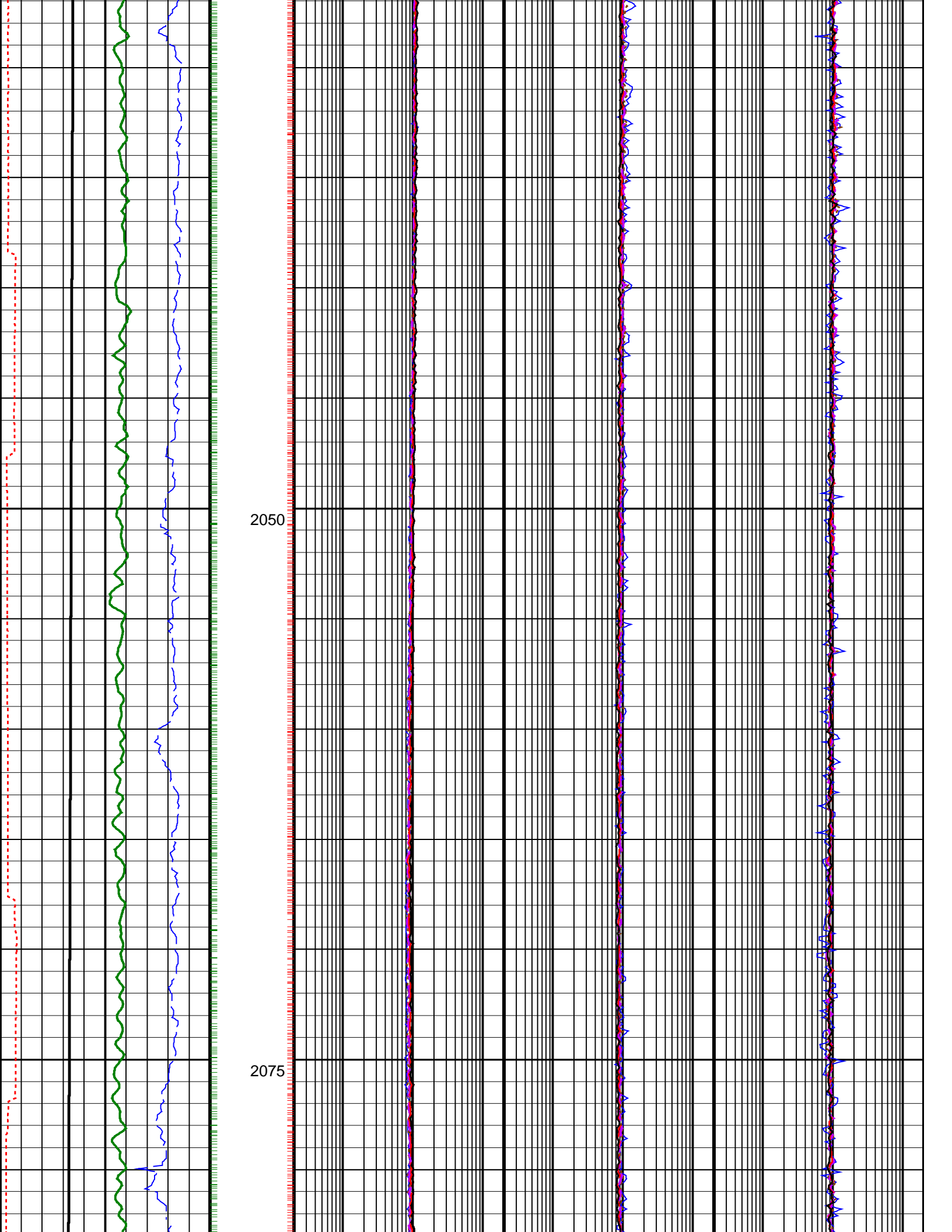
P22L

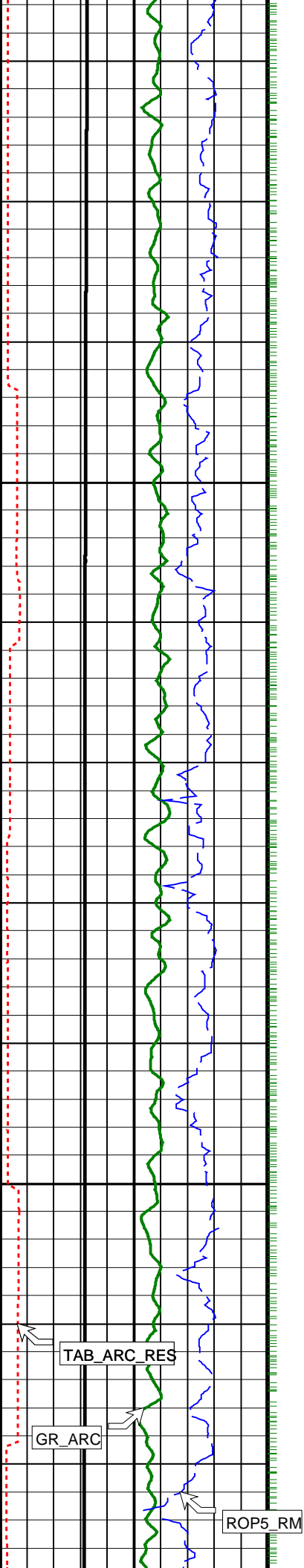
P28L

P34L

P40L







2100

2125

P16H

P22H

P28H

A16H

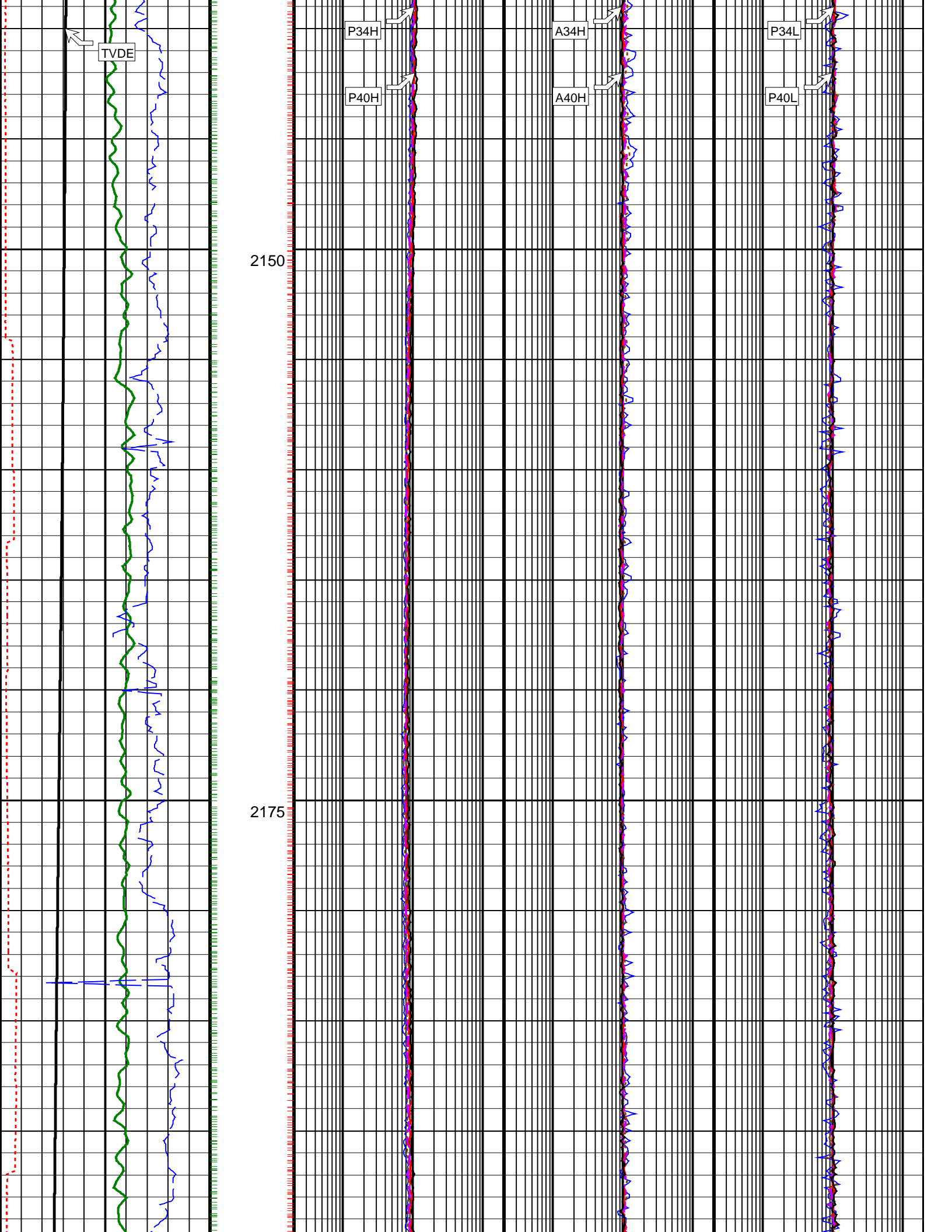
A22H

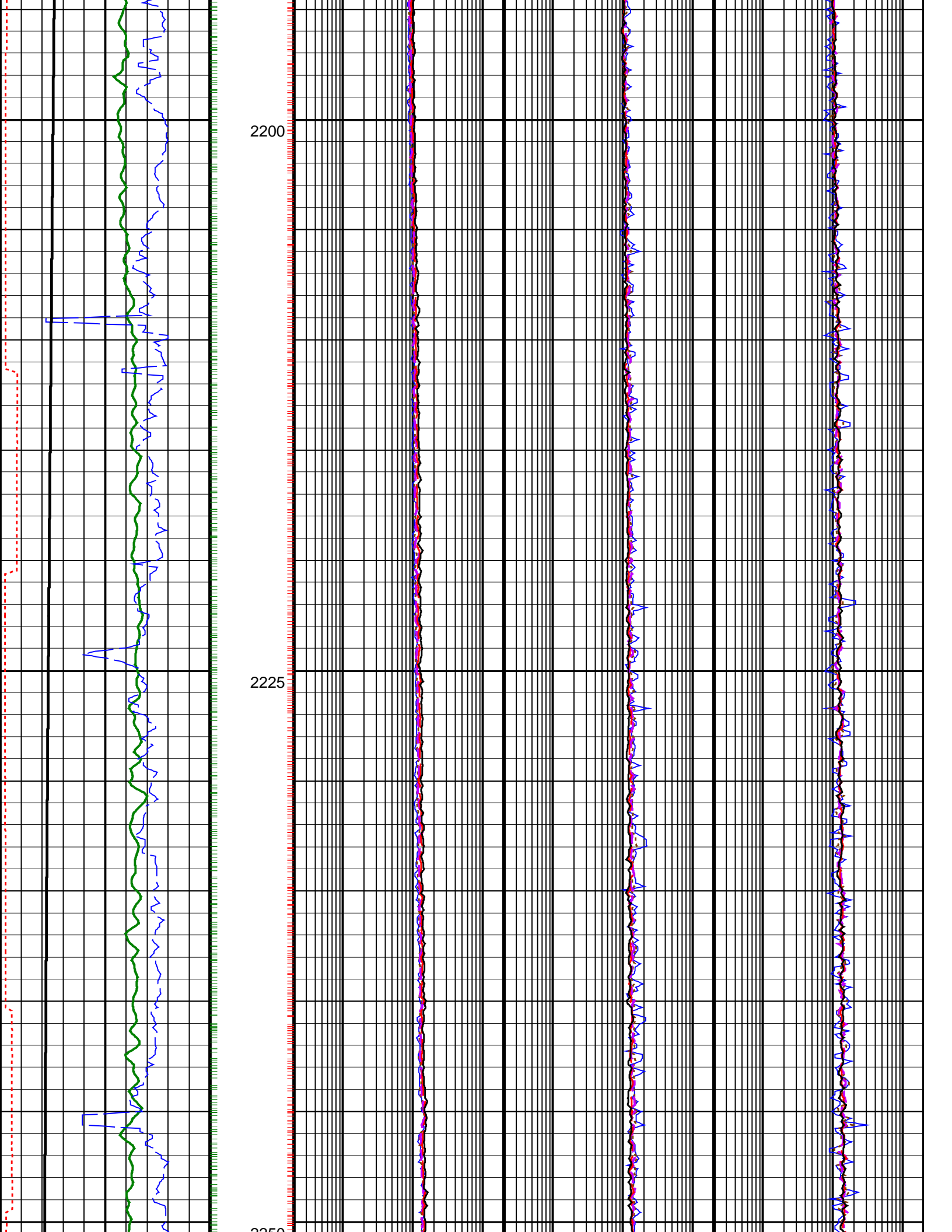
A28H

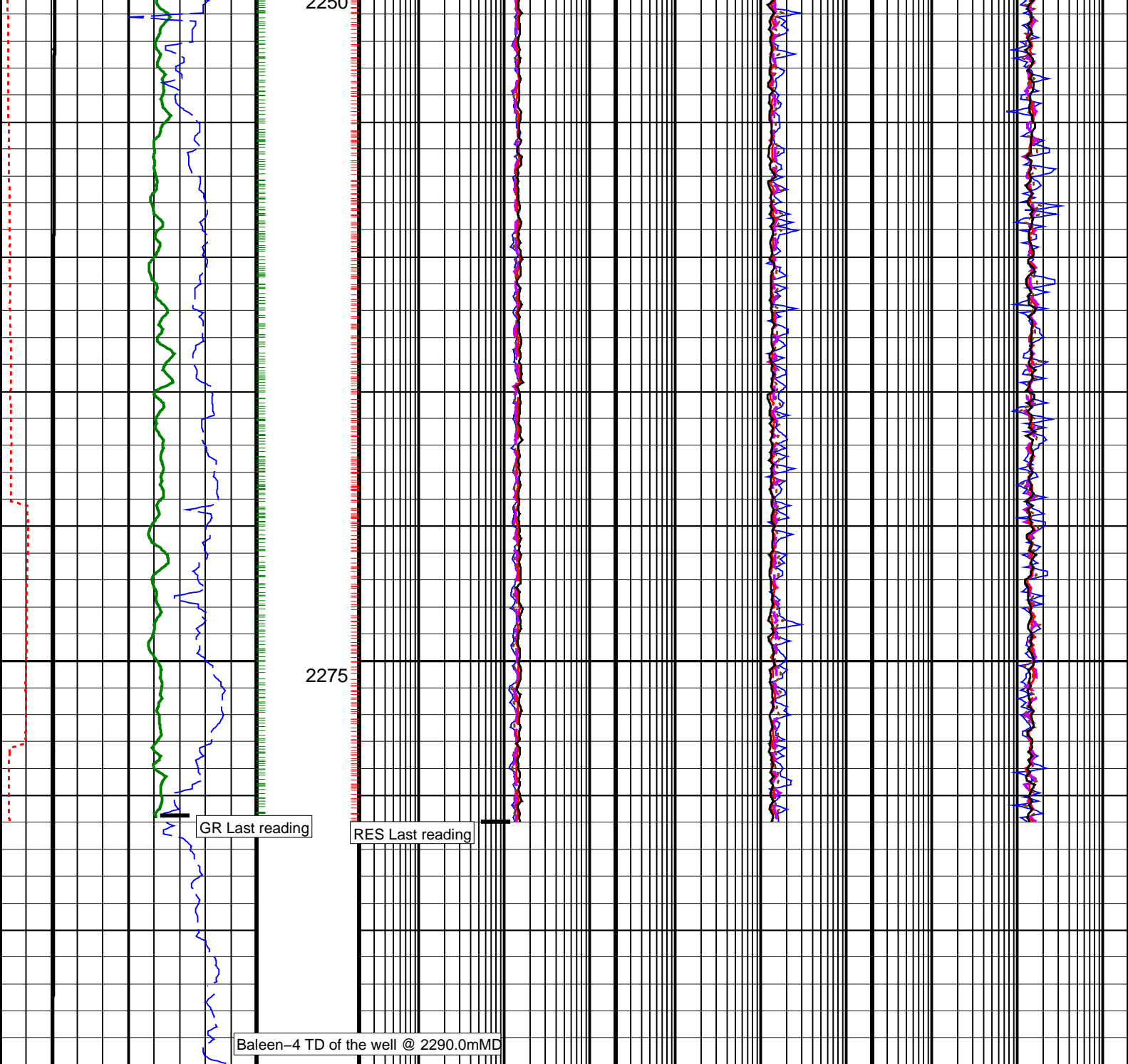
P16L

P22L

P28L







ARC Gamma Ray (GR_ARC)		
0	(GAPI)	200
True vertical Depth (TVDE)		
720	(M)	705
Rate of Penetration, Averaged over Last 5ft (ROP5_RM)		
200	(M/HR)	0
ARC Resistivity Time After Bit (TAB_ARC_RES)		
0	(HR)	10

ARC Phase-Shift Resistivity 16-in. at 2 MHz (P16H)	ARC Attenuation Resistivity 16-in. at 2 MHz (A16H)	ARC Phase-Shift Resistivity 16-in. at 400 KHz (P16L)
0.2 (OHMM) 200	0.2 (OHMM) 200	0.2 (OHMM) 200
ARC Phase-Shift Resistivity 22-in. at 2 MHz (P22H)	ARC Attenuation Resistivity 22-in. at 2 MHz (A22H)	ARC Phase-Shift Resistivity 22-in. at 400 KHz (P22L)
0.2 (OHMM) 200	0.2 (OHMM) 200	0.2 (OHMM) 200
ARC Phase-Shift Resistivity 34-in. at 2 MHz (P34H)	ARC Attenuation Resistivity 28-in. at 2 MHz (A28H)	ARC Phase-Shift Resistivity 28-in. at 400 KHz (P28L)
0.2 (OHMM) 200	0.2 (OHMM) 200	0.2 (OHMM) 200
ARC Phase-Shift Resistivity 28-in. at 2 MHz (P28H)	ARC Attenuation Resistivity 34-in. at 2 MHz (A34H)	ARC Phase-Shift Resistivity 34-in. at 400 KHz (P34L)
0.2 (OHMM) 200	0.2 (OHMM) 200	0.2 (OHMM) 200
ARC Phase-Shift Resistivity 40-in. at 2 MHz (P40H)	ARC Attenuation Resistivity 40-in. at 2 MHz (A40H)	ARC Phase-Shift Resistivity 40-in. at 400 KHz (P40L)
0.2 (OHMM) 200	0.2 (OHMM) 200	0.2 (OHMM) 200

IDEAL Version: ID9_1C_01

IDF

8.25-in. Array Resistivity Compensated / Equipment Identification

Primary Equipment:

Tool Name and Serial Number

ARC825 Calibration Status

ARC8 – AA











8019

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Master: 28–Aug–2004 3:28

8.25-in. Array Resistivity Compensated Calibration











Resistivity: Air

Phase	Phase-Shift T1	Value	Phase	Phase-Shift T2	Value	Phase	Phase-Shift T3	Value
Master		1.012	Master		–0.5076	Master		0.5194
	–3.900 (Minimum) 0.1000 (Nominal) 4.100 (Maximum)			–3.900 (Minimum) 0.1000 (Nominal) 4.100 (Maximum)			–3.900 (Minimum) 0.1000 (Nominal) 4.100 (Maximum)	
Phase	Phase-Shift T4	Value	Phase	Phase-Shift T5	Value	Phase	Phase-Shift T1 at 400KHz	Value
Master		–0.4304	Master		–0.02064	Master		1.783
	–3.900 (Minimum) 0.1000 (Nominal) 4.100 (Maximum)			–3.900 (Minimum) 0.1000 (Nominal) 4.100 (Maximum)			–3.900 (Minimum) 0.1000 (Nominal) 4.100 (Maximum)	
Phase	Phase-Shift T2 at 400KHz	Value	Phase	Phase-Shift T3 at 400KHz	Value	Phase	Phase-Shift T4 at 400KHz	Value
Master		–1.325	Master		1.616	Master		–1.325
	–3.900 (Minimum) 0.1000 (Nominal) 4.100 (Maximum)			–3.900 (Minimum) 0.1000 (Nominal) 4.100 (Maximum)			–3.900 (Minimum) 0.1000 (Nominal) 4.100 (Maximum)	
Phase	Phase-Shift T5 at 400KHz	Value						
Master		1.564						
	–3.900 (Minimum) 0.1000 (Nominal) 4.100 (Maximum)							

Master: 28–Aug–2004 3:28

8.25-in. Array Resistivity Compensated Calibration


Resistivity: Air

Phase	Attenuation T1	Value	Phase	Attenuation T2	Value	Phase	Attenuation T3	Value
Master		8.369	Master		6.359	Master		5.053
	6.500 (Minimum) 8.500 (Nominal) 10.50 (Maximum)			4.500 (Minimum) 6.500 (Nominal) 8.500 (Maximum)			2.500 (Minimum) 4.500 (Nominal) 6.500 (Maximum)	
Phase	Attenuation T4	Value	Phase	Attenuation T5	Value	Phase	Attenuation T1 at 400KHz	Value
Master		4.266	Master		3.602	Master		8.300
	2.600 (Minimum) 4.600 (Nominal) 6.600 (Maximum)			1.600 (Minimum) 3.600 (Nominal) 5.600 (Maximum)			6.500 (Minimum) 8.500 (Nominal) 10.50 (Maximum)	
Phase	Attenuation T2 at 400KHz	Value	Phase	Attenuation T3 at 400KHz	Value	Phase	Attenuation T4 at 400KHz	Value
Master		6.340	Master		5.058	Master		4.313
	4.500 (Minimum) 6.500 (Nominal) 8.500 (Maximum)			2.500 (Minimum) 4.500 (Nominal) 6.500 (Maximum)			2.600 (Minimum) 4.600 (Nominal) 6.600 (Maximum)	
Phase	Attenuation T5 at 400KHz	Value						
Master		3.640						
	1.600 (Minimum) 3.600 (Nominal) 5.600 (Maximum)							

Master: 28–Aug–2004 1:45

8.25-in. Array Resistivity Compensated Calibration

Gamma Ray: Blanket

Phase	Gamma ray factor (equals Calibration Gain multiplied by API Gain Factor)	CPS	Value
Master			8.587
	4.960 (Minimum) 7.200 (Nominal) 9.650 (Maximum)		

8.25-in. Array Resistivity Compensated / Equipment Identification

Primary Equipment:
Tool Name and Serial Number
ARC825 Calibration Status

ARC8 – AA











8026

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Master: 24-Sep-2004 4:00

8.25-in. Array Resistivity Compensated Calibration

Resistivity: Air

Phase	Phase-Shift T1	Value	Phase	Phase-Shift T2	Value	Phase	Phase-Shift T3	Value
Master		0.02420	Master		0.4614	Master		-0.1478
	-3.900 (Minimum)0.1000 (Nominal)4.100 (Maximum)			-3.900 (Minimum)0.1000 (Nominal)4.100 (Maximum)			-3.900 (Minimum)0.1000 (Nominal)4.100 (Maximum)	
Phase	Phase-Shift T4	Value	Phase	Phase-Shift T5	Value	Phase	Phase-Shift T1 at 400KHz	Value
Master		0.1925	Master		-0.3114	Master		-0.3613
	-3.900 (Minimum)0.1000 (Nominal)4.100 (Maximum)			-3.900 (Minimum)0.1000 (Nominal)4.100 (Maximum)			-3.900 (Minimum)0.1000 (Nominal)4.100 (Maximum)	
Phase	Phase-Shift T2 at 400KHz	Value	Phase	Phase-Shift T3 at 400KHz	Value	Phase	Phase-Shift T4 at 400KHz	Value
Master		0.5359	Master		-0.6794	Master		0.3575
	-3.900 (Minimum)0.1000 (Nominal)4.100 (Maximum)			-3.900 (Minimum)0.1000 (Nominal)4.100 (Maximum)			-3.900 (Minimum)0.1000 (Nominal)4.100 (Maximum)	
Phase	Phase-Shift T5 at 400KHz	Value						
Master		-0.4279						
	-3.900 (Minimum)0.1000 (Nominal)4.100 (Maximum)							

Master: 24-Sep-2004 4:00

8.25-in. Array Resistivity Compensated Calibration


Resistivity: Air

Phase	Attenuation T1		Value	Phase	Attenuation T2		Value	Phase	Attenuation T3		Value
Master	<div><div></div></div>		7.421	Master	<div><div></div></div>		7.380	Master	<div><div></div></div>		4.073
6.500 (Minimum) 8.500 (Nominal) 10.50 (Maximum)				4.500 (Minimum) 6.500 (Nominal) 8.500 (Maximum)				2.500 (Minimum) 4.500 (Nominal) 6.500 (Maximum)			
Phase	Attenuation T4		Value	Phase	Attenuation T5		Value	Phase	Attenuation T1 at 400KHz		Value
Master	<div><div></div></div>		5.267	Master	<div><div></div></div>		2.625	Master	<div><div></div></div>		7.436
2.600 (Minimum) 4.600 (Nominal) 6.600 (Maximum)				1.600 (Minimum) 3.600 (Nominal) 5.600 (Maximum)				6.500 (Minimum) 8.500 (Nominal) 10.50 (Maximum)			
Phase	Attenuation T2 at 400KHz		Value	Phase	Attenuation T3 at 400KHz		Value	Phase	Attenuation T4 at 400KHz		Value
Master	<div><div></div></div>		7.260	Master	<div><div></div></div>		4.126	Master	<div><div></div></div>		5.256
4.500 (Minimum) 6.500 (Nominal) 8.500 (Maximum)				2.500 (Minimum) 4.500 (Nominal) 6.500 (Maximum)				2.600 (Minimum) 4.600 (Nominal) 6.600 (Maximum)			
Phase	Attenuation T5 at 400KHz		Value								
Master	<div><div></div></div>		2.744								
1.600 (Minimum) 3.600 (Nominal) 5.600 (Maximum)											

Master: 24-Sep-2004 5:15

8.25-in. Array Resistivity Compensated Calibration

Gamma Ray: Blanket

Phase	Gamma ray factor (equals Calibration Gain multiplied by API Gain Factor)	CPS	Value
Master			7.296
	4.960 (Minimum)	7.200 (Nominal)	9.650 (Maximum)











6.75-in. Array Resistivity Compensated / Equipment Identification











Primary Equipment:
Tool Name and Serial Number
ARC675 Calibration Status


ARC6 – BA

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Master: 21-Sep-2004 3:35														
6.75-in. Array Resistivity Compensated Calibration														
Resistivity: Air														
Phase	Phase-Shift T1			Value	Phase	Phase-Shift T2			Value	Phase	Phase-Shift T3			Value
Master				-1.300	Master				1.567	Master				-1.481
	-3.900 (Minimum)	0.1000 (Nominal)	4.100 (Maximum)			-3.900 (Minimum)	0.1000 (Nominal)	4.100 (Maximum)			-3.900 (Minimum)	0.1000 (Nominal)	4.100 (Maximum)	
Phase	Phase-Shift T4			Value	Phase	Phase-Shift T5			Value	Phase	Phase-Shift T1 at 400KHz			Value
Master				1.451	Master				-1.402	Master				-1.723
	-3.900 (Minimum)	0.1000 (Nominal)	4.100 (Maximum)			-3.900 (Minimum)	0.1000 (Nominal)	4.100 (Maximum)			-3.900 (Minimum)	0.1000 (Nominal)	4.100 (Maximum)	
Phase	Phase-Shift T2 at 400KHz			Value	Phase	Phase-Shift T3 at 400KHz			Value	Phase	Phase-Shift T4 at 400KHz			Value
Master				1.969	Master				-1.814	Master				1.966
	-3.900 (Minimum)	0.1000 (Nominal)	4.100 (Maximum)			-3.900 (Minimum)	0.1000 (Nominal)	4.100 (Maximum)			-3.900 (Minimum)	0.1000 (Nominal)	4.100 (Maximum)	
Phase	Phase-Shift T5 at 400KHz			Value										
Master				-1.824										
	-3.900 (Minimum)	0.1000 (Nominal)	4.100 (Maximum)											

Master: 21-Sep-2004 3:35														
6.75-in. Array Resistivity Compensated Calibration														
Resistivity: Air														
Phase	Attenuation T1			Value	Phase	Attenuation T2			Value	Phase	Attenuation T3			Value
Master				8.281	Master				6.704	Master				4.911
	6.500 (Minimum)	8.500 (Nominal)	10.50 (Maximum)			4.500 (Minimum)	6.500 (Nominal)	8.500 (Maximum)			2.500 (Minimum)	4.500 (Nominal)	6.500 (Maximum)	
Phase	Attenuation T4			Value	Phase	Attenuation T5			Value	Phase	Attenuation T1 at 400KHz			Value
Master				4.564	Master				3.414	Master				8.234
	2.600 (Minimum)	4.600 (Nominal)	6.600 (Maximum)			1.600 (Minimum)	3.600 (Nominal)	5.600 (Maximum)			6.500 (Minimum)	8.500 (Nominal)	10.50 (Maximum)	
Phase	Attenuation T2 at 400KHz			Value	Phase	Attenuation T3 at 400KHz			Value	Phase	Attenuation T4 at 400KHz			Value
Master				6.698	Master				4.859	Master				4.599
	4.500 (Minimum)	6.500 (Nominal)	8.500 (Maximum)			2.500 (Minimum)	4.500 (Nominal)	6.500 (Maximum)			2.600 (Minimum)	4.600 (Nominal)	6.600 (Maximum)	
Phase	Attenuation T5 at 400KHz			Value										
Master				3.418										
	1.600 (Minimum)	3.600 (Nominal)	5.600 (Maximum)											

Master: 21-Sep-2004 5:21			
6.75-in. Array Resistivity Compensated Calibration			
Gamma Ray: Blanket			
Phase	Gamma ray factor (equals Calibration Gain multiplied by API Gain Factor) CPS		Value
Master			5.278
	2.780 (Minimum)	4.800 (Nominal)	6.000 (Maximum)

SCHLUMBERGER D&M

Survey report

Client.....: OMV Australia Pty. Ltd.
Field.....: Baleen

Well.....: Baleen-4
Location.....: VIC/L21
Engineer.....: O.Radicevic, M.Saicic
Rig.....: Ocean Bounty
STATE.....: Victoria

Spud date.....: 27-Sep-04
Last survey date.....: 22-Oct-04
Total accepted surveys...: 110
MD of first survey.....: 0.00 m
MD of last survey.....: 2290.00 m

----- Survey calculation methods-----

Method for positions.....: Minimum curvature
Method for DLS.....: Mason & Taylor

----- Geomagnetic data -----

Magnetic model.....: BGGM version 2004
Magnetic date.....: 28-Sep-2004

Method for DLS..... Mason & Taylor
Magnetic field strength...: 1196.76 HCNT
Magnetic date.....: 20-Sep-2004
----- Depth reference -----
Permanent datum.....: MSL
Magnetic dec (+E/W-).....: 13.16 degrees
Depth reference.....: Driller's Pipe Tally
Magnetic dip.....: -68.51 degrees
GL above permanent.....: -53.10 m
----- MWD survey Reference Criteria -----
KB above permanent.....: Top Drive
Reference G.....: 1000.01 mGal
DF above permanent.....: 25.00 m
Reference H.....: 1196.76 HCNT
Reference Dip.....: -68.51 degrees
----- Vertical section origin -----
Latitude (+N/S-).....: 0.00 m
Tolerance of G.....: (+/-) 2.50 mGal
Departure (+E/W-).....: 0.00 m
Tolerance of H.....: (+/-) 6.00 HCNT
Tolerance of Dip.....: (+/-) 0.45 degrees
----- Platform reference point -----
Latitude (+N/S-).....: 0.00 m
Magnetic dec (+E/W-).....: 13.16 degrees
Departure (+E/W-).....: 0.00 m
Grid convergence (+E/W-).....: -0.89 degrees
Total az corr (+E/W-).....: 14.05 degrees
Azimuth from Vsect Origin to target: 236.54 degrees
(Total az corr = magnetic dec - grid conv)
Survey Correction Type ...:
I=Sag Corrected Inclination
M=Schlumberger Magnetic Correction
S=Shell Magnetic Correction
F=Failed Axis Correction
R=Magnetic Resonance Tool Correction
D=Dmag Magnetic Correction

[(c)2004 IDEAL ID9_1C_01]
SCHLUMBERGER Survey Report

Seq	Measured # depth - (m)	Incl angle (deg)	Azimuth (deg)	Course (m)	TVD depth (m)	Vertical section (m)	Displ +N/S- (m)	Displ +E/W- (m)	Total displ (deg)	At Azim 10m)	DLS (deg/ type)	Srvy Tool tool Corr
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	TIP	None
2	85.50	0.72	148.00	85.50	85.50	0.01	-0.46	0.28	0.54	148.00	0.08	GYRO None
3	114.41	0.83	148.79	28.91	114.41	0.03	-0.79	0.49	0.93	148.18	0.04	GYRO None
4	143.28	1.06	157.74	28.87	143.27	0.09	-1.21	0.70	1.40	150.08	0.09	GYRO None
5	172.21	1.69	173.27	28.93	172.19	0.33	-1.89	0.85	2.07	155.73	0.25	GYRO None
6	201.10	3.17	186.11	28.89	201.06	1.03	-3.10	0.82	3.21	165.28	0.54	GYRO None
7	23None	5.19	198.92	28.92	229.90	2.58	-5.14	0.31	5.15	176.59	0.77	GYRO None
8	240.66	5.90	205.43	10.64	240.49	3.43	-6.09	-0.08	6.09	180.80	0.89	GYRO None
9	250.30	6.08	217.27	9.64	250.08	4.33	-6.94	-0.61	6.97	185.00	1.29	GYRO None
10	258.91	6.16	226.44	8.61	258.64	5.22	-7.62	-1.22	7.72	189.08	1.14	GYRO None
11	269.55	6.32	227.70	10.64	269.21	6.36	-8.41	-2.06	8.66	193.80	0.20	GYRO None
12	279.19	6.90	234.11	9.64	278.79	7.46	-9.10	-2.93	9.56	197.82	0.97	GYRO None
13	287.80	7.85	242.47	8.61	287.33	8.56	-9.68	-3.87	10.42	201.78	1.66	GYRO None
14	298.42	9.21	237.18	10.62	297.83	10.13	-10.48	-5.22	11.71	206.51	1.48	GYRO None
15	308.05	10.10	238.53	9.63	307.33	11.75	-11.33	-6.59	13.11	210.18	0.95	GYRO None
16	316.68	10.29	242.74	8.63	315.82	13.27	-12.08	-7.92	14.45	213.25	0.89	GYRO None
17	327.20	10.18	241.47	10.52	326.17	15.13	-12.96	-9.57	16.11	216.46	0.24	GYRO None
18	331.90	10.15	239.35	4.70	330.80	15.96	-13.37	-10.30	16.87	217.61	0.80	GYRO None
19	338.44	11.15	241.24	6.54	337.23	17.16	-13.96	-11.35	17.99	219.09	1.62	GYRO None
20	347.85	12.69	243.31	9.41	346.43	19.10	-14.87	-13.07	19.79	221.32	1.70	GYRO None
21	356.99	14.80	245.14	9.14	355.31	21.25	-15.81	-15.02	21.81	223.54	2.36	GYRO None
22	366.24	16.83	246.11	9.25	364.21	23.74	-16.85	-17.32	24.16	225.79	2.21	GYRO None
23	375.50	18.93	247.36	9.26	373.02	26.54	-17.97	-19.93	26.84	227.97	2.31	GYRO None
24	385.68	21.05	245.80	10.18	382.59	29.96	-19.35	-23.12	30.15	230.07	2.15	GYRO None
25	393.95	23.12	244.79	8.27	390.25	33.04	-20.65	-25.95	33.16	231.48	2.54	GYRO None
26	403.21	25.13	243.56	9.26	398.70	36.79	-22.30	-29.35	36.87	232.77	2.24	GYRO None
27	412.35	27.12	242.95	9.14	406.91	40.78	-24.12	-32.95	40.83	233.80	2.20	GYRO None
28	421.51	29.19	241.96	9.16	414.98	45.08	-26.12	-36.78	45.11	234.62	2.32	GYRO None
29	430.70	31.35	242.55	9.19	422.92	49.69	-28.27	-40.88	49.70	235.33	2.37	GYRO None
30	439.89	33.43	241.60	9.19	430.68	54.59	-30.58	-45.23	54.59	235.94	2.33	GYRO None
31	449.94	35.39	241.28	10.05	438.97	60.25	-33.29	-50.22	60.25	236.46	1.96	GYRO None
32	468.29	39.80	240.85	18.35	453.51	71.41	-38.71	-60.01	71.41	237.18	2.41	GYRO None
33	477.94	41.95	240.56	9.65	460.80	77.70	-41.80	-65.52	77.71	237.46	2.24	GYRO None
34	487.58	44.05	239.96	9.64	467.85	84.26	-45.06	-71.22	84.28	237.68	2.22	GYRO None
35	497.20	46.23	239.87	9.62	474.64	91.07	-48.48	-77.12	91.10	237.85	2.27	GYRO None
36	516.42	50.04	239.89	19.22	487.46	105.36	-55.66	-89.50	105.40	238.12	1.98	GYRO None
37	535.75	54.20	239.30	19.33	499.33	120.59	-63.38	-102.66	120.65	238.31	2.17	GYRO None
38	545.39	56.25	239.90	9.64	504.83	128.50	-67.39	-109.49	128.56	238.39	2.19	GYRO None
39	555.03	58.27	239.89	9.64	510.04	136.59	-71.46	-116.50	136.67	238.48	2.10	GYRO None
40	564.67	60.27	239.99	9.64	514.97	144.86	-75.61	-123.67	144.95	238.56	2.08	GYRO None
41	574.28	62.30	240.43	9.61	519.58	153.27	-79.79	-130.99	153.38	238.65	2.15	GYRO None
42	583.92	64.31	241.44	9.64	523.91	161.86	-83.98	-138.51	161.98	238.77	2.29	GYRO None
43	593.56	64.94	241.50	9.64	528.04	170.54	-88.14	-146.17	170.68	238.91	0.66	GYRO None
44	603.17	65.46	242.25	9.61	532.08	179.22	-92.25	-153.86	179.40	239.05	0.89	GYRO None
45	612.79	67.36	242.52	9.62	535.92	187.99	-96.33	-161.67	188.20	239.21	1.99	GYRO None
46	622.42	69.45	243.10	9.63	539.47	196.89	-100.43	-169.64	197.13	239.37	2.24	GYRO None
47	632.05	71.85	243.39	9.63	542.66	205.92	-104.52	-177.75	206.20	239.54	2.51	GYRO None
48	641.65	73.95	242.70	9.60	545.48	215.03	-108.67	-185.93	215.36	239.69	2.29	GYRO None
49	651.26	76.30	241.46	9.61	547.95	224.28	-113.02	-194.13	224.64	239.79	2.74	GYRO None
50	660.89	77.49	241.55	9.63	550.13	233.62	-117.50	-202.38	234.01	239.86	1.24	GYRO None

51	670.52	78.54	240.82	9.63	552.13	243.01	-122.04	-210.63	243.43	239.91	1.32	GYRO	None
52	680.16	80.37	240.13	9.64	553.90	252.46	-126.71	-218.88	252.91	239.93	2.02	GYRO	None
53	689.79	81.27	240.34	9.63	555.43	261.95	-131.43	-227.13	262.41	239.94	0.96	GYRO	None
54	702.00	82.61	240.96	12.21	557.14	274.01	-137.35	-237.67	274.50	239.98	1.21	GYRO	None
55	731.61	82.57	242.66	29.61	560.96	303.24	-151.22	-263.54	303.85	240.15	0.57	MWD-I	0.02
56	760.44	83.41	243.48	28.83	564.48	331.67	-164.18	-289.06	332.43	240.40	0.41	MWD-I	0.02
57	789.80	83.92	243.72	29.36	567.72	360.63	-177.16	-315.19	361.57	240.66	0.19	MWD-I	0.02
58	819.61	84.33	243.67	29.81	570.77	390.06	-190.30	-341.78	391.18	240.89	0.14	MWD-I	0.02
59	848.28	84.04	242.61	28.67	573.68	418.39	-203.19	-367.22	419.68	241.04	0.38	MWD-I	0.02
60	878.56	83.78	242.74	30.28	576.89	448.32	-217.01	-393.97	449.78	241.15	0.10	MWD-I	0.02
61	906.63	82.77	242.44	28.07	580.18	476.05	-229.84	-418.72	477.65	241.24	0.38	MWD-I	0.02
62	935.67	82.34	241.95	29.04	583.94	504.70	-243.27	-444.19	506.44	241.29	0.22	MWD-I	0.02
63	964.49	82.74	241.30	28.82	587.68	533.16	-256.85	-469.33	535.02	241.31	0.26	MWD-I	0.02
64	993.19	82.08	241.48	28.70	591.47	561.51	-270.47	-494.30	563.46	241.31	0.24	MWD-I	0.02
65	1022.00	80.63	241.42	28.81	595.80	589.89	-284.09	-519.32	591.95	241.32	0.50	MWD-I	0.02
66	1050.01	79.81	241.45	28.01	600.56	617.39	-297.28	-543.57	619.55	241.33	0.29	MWD-I	0.02
67	1079.00	79.87	241.49	28.99	605.68	645.82	-310.91	-568.64	648.08	241.33	0.02	MWD-I	0.02
68	1108.15	80.17	241.77	29.15	610.73	674.42	-324.55	-593.90	676.79	241.34	0.14	MWD-I	0.02
69	1136.63	79.87	241.60	28.48	615.66	702.35	-337.86	-618.59	704.84	241.36	0.12	MWD-I	0.02
70	1164.16	79.81	241.74	27.53	620.52	729.34	-350.72	-642.44	731.94	241.37	0.05	MWD-I	0.02
71	1195.46	80.42	241.80	31.30	625.89	760.05	-365.30	-669.61	762.77	241.39	0.20	MWD-I	0.02
72	1223.16	81.00	241.65	27.70	630.36	787.27	-378.25	-693.68	790.11	241.40	0.22	MWD-I	0.02
73	1249.70	82.16	240.03	26.54	634.25	813.45	-391.05	-716.61	816.36	241.38	0.75	MWD-I	0.02
74	1283.50	83.04	237.45	33.80	638.60	846.94	-408.44	-745.26	849.84	241.28	0.80	MWD-I	0.01
75	1310.16	83.29	235.43	26.66	641.78	873.41	-423.07	-767.32	876.22	241.13	0.76	MWD-I	0.02
76	1334.84	83.23	233.85	24.68	644.67	897.91	-437.25	-787.30	900.58	240.95	0.64	MWD-I	0.02
77	1364.84	83.14	233.59	30.00	648.23	927.66	-454.88	-811.32	930.13	240.72	0.09	MWD-I	0.03
78	1394.75	82.73	233.54	29.91	651.91	957.30	-472.51	-835.20	959.59	240.50	0.14	MWD-I	0.03
79	1424.29	81.77	233.40	29.54	655.90	986.53	-489.93	-858.72	988.65	240.29	0.33	MWD-I	0.02
80	1452.78	81.47	233.04	28.49	660.05	1014.67	-506.81	-881.29	1016.63	240.10	0.16	MWD-I	0.02
81	1481.47	81.43	232.20	28.69	664.31	1042.97	-524.03	-903.84	1044.76	239.90	0.29	MWD-I	0.02
82	1508.70	81.53	231.80	27.23	668.35	1069.82	-540.61	-925.06	1071.44	239.70	0.15	MWD-I	0.02
83	1535.81	81.67	231.24	27.11	672.31	1096.53	-557.30	-946.05	1098.00	239.50	0.21	MWD-I	0.02
84	1562.22	81.87	230.85	26.41	676.09	1122.55	-573.73	-966.38	1123.86	239.30	0.16	MWD-I	0.02
85	1591.19	82.39	231.01	28.97	680.06	1151.11	-591.82	-988.66	1152.26	239.09	0.19	MWD-I	0.02
86	1619.48	82.42	230.70	28.29	683.79	1179.01	-609.52	-1010.41	1180.01	238.90	0.11	MWD-I	0.02
87	1646.78	81.70	230.29	27.30	687.57	1205.90	-626.72	-1031.27	1206.77	238.71	0.30	MWD-I	0.02
88	1677.16	80.92	230.59	30.38	692.16	1235.76	-645.85	-1054.42	1236.50	238.51	0.27	MWD-I	0.02
89	1707.15	80.69	230.54	29.99	696.95	1265.21	-664.65	-1077.28	1265.82	238.33	0.08	MWD-I	0.02
90	1736.63	81.59	230.66	29.48	701.49	1294.18	-683.14	-1099.79	1294.69	238.15	0.31	MWD-I	0.02
91	1765.16	83.00	231.09	28.53	705.31	1322.31	-700.98	-1121.73	1322.74	238.00	0.52	MWD-I	0.02
92	1793.80	84.76	231.63	28.64	708.37	1350.67	-718.76	-1143.97	1351.03	237.86	0.64	MWD-I	0.02
93	1821.68	86.72	232.17	27.88	710.44	1378.38	-735.92	-1165.85	1378.68	237.74	0.73	MWD-I	0.01
94	1851.10	88.88	232.86	29.42	711.57	1407.71	-753.81	-1189.17	1407.96	237.63	0.77	MWD-I	0.03
95	1873.21	89.38	232.65	22.11	711.90	1429.76	-767.19	-1206.77	1429.99	237.55	0.25	MWD-I	0.02
96	1904.82	88.39	232.85	31.61	712.52	1461.30	-786.31	-1231.93	1461.48	237.45	0.32	MWD	None
97	1933.88	88.28	232.85	29.06	713.36	1490.29	-803.86	-1255.08	1490.44	237.36	0.04	MWD	None
98	1962.47	89.05	233.43	28.59	714.03	1518.82	-821.00	-1277.95	1518.95	237.28	0.34	MWD	None
99	2000.17	89.31	233.58	37.70	714.57	1556.46	-843.42	-1308.25	1556.56	237.19	0.08	MWD	None
100	2029.18	89.63	234.03	29.01	714.84	1585.44	-860.55	-1331.66	1585.52	237.13	0.19	MWD	None
101	2058.39	89.74	233.39	29.21	715.00	1614.61	-877.84	-1355.21	1614.68	237.07	0.22	MWD	None
102	2087.22	89.54	233.14	28.83	715.18	1643.39	-895.08	-1378.31	1643.45	237.00	0.11	MWD	None
103	2115.64	90.11	233.12	28.42	715.26	1671.76	-912.14	-1401.05	1671.80	236.93	0.20	MWD	None
104	2144.55	89.40	233.24	28.91	715.39	1700.62	-929.46	-1424.19	1700.65	236.87	0.25	MWD	None
105	2173.03	88.94	233.45	28.48	715.80	1729.05	-946.46	-1447.03	1729.07	236.81	0.18	MWD	None
106	2201.69	89.17	233.55	28.66	716.27	1757.67	-963.51	-1470.07	1757.68	236.76	0.09	MWD	None
107	2230.24	89.31	233.75	28.55	716.65	1786.18	-980.43	-1493.06	1786.19	236.71	0.09	MWD	None
108	2263.70	89.77	234.05	33.46	716.92	1819.61	-1000.14	-1520.10	1819.61	236.66	0.16	MWD	None
109	2272.56	90.14	234.01	8.86	716.93	1828.46	-1005.35	-1527.27	1828.46	236.64	0.42	MWD	None
110	2290.00	89.70	234.00	17.44	716.95	1845.88	-1015.60	-1541.38	1845.88	236.62	0.25	Proj. to TD	

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Company: **OMV Australia Pty Ltd**

Schlumberger

Well: **Baleen-4**

Field: **Baleen Field**

Rig: **Ocean Bounty**

State: **Victoria**

VISION Resistivity – 400kHz – Borehole Corrected

1:200 Measured Depth
Recorded Memory Data