

# Well: Baleen-4

Field: Baleen Field

# Rig: Ocean Bounty

State:

# Victoria

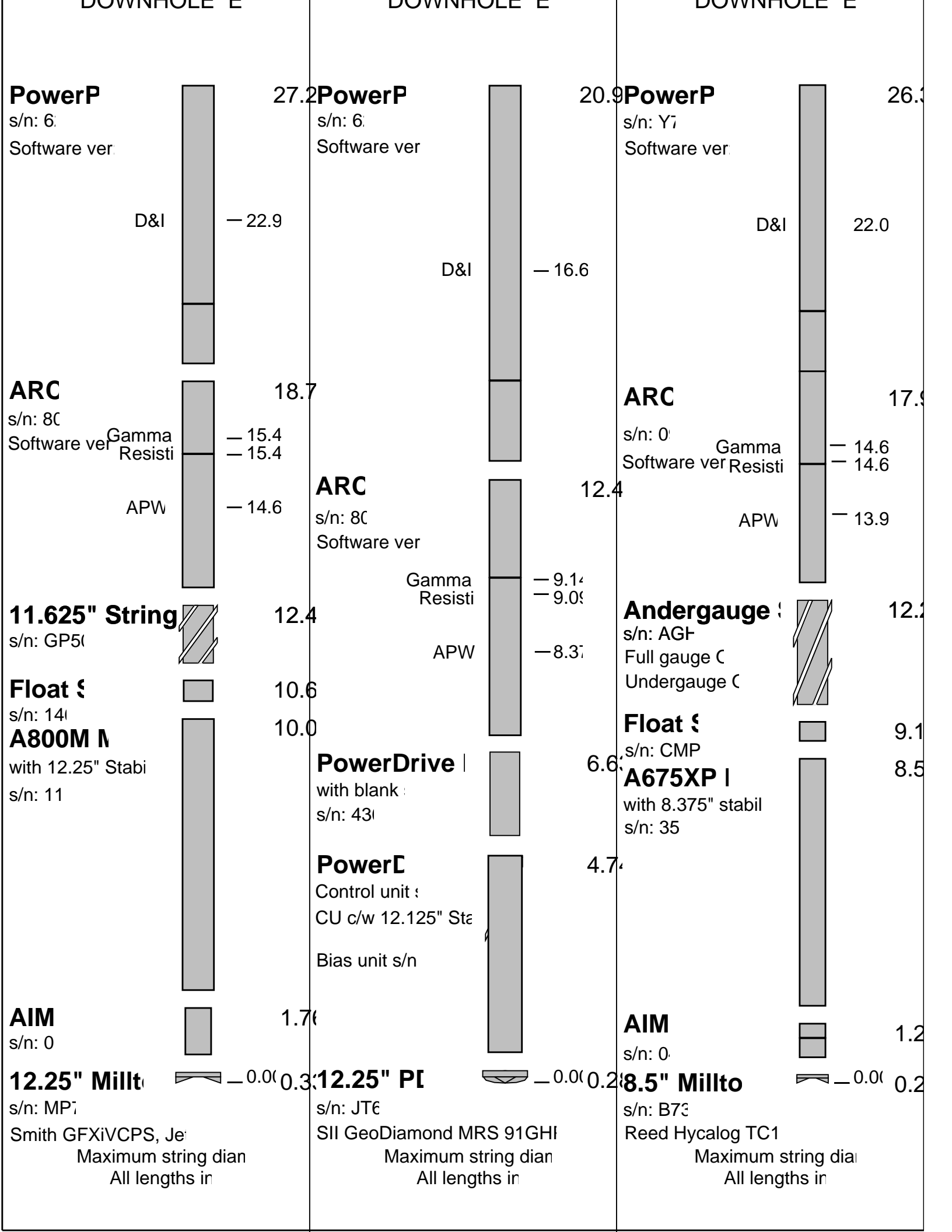
VISION Resistivity – 400kHz – Borehole Corrected  
1:500 Measured Depth  
Recorded Memory Data

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

## Bit Run Summary

Run number		1	2	3	4						
Bit size	in.	12.25	12.25	8.5	8.5						
Bit start depth	m	336.0	733.0	1890.0	2010.5						
Bit end depth	m	733.0	1890.0	2010.5	2290.0						
Top interval logged	m	320.0	717.6	1881.5	1995.9						
Bottom interval logged	m	717.6	1881.5	1995.9	2281.6						
Begin log: time		00:45	23:00	18:00	18:00						
Begin log: date		10-Oct-04	11-Oct-04	19-Oct-04	21-Oct-04						
End log: time		19:00	20:00	16:30	7:45						
End log: date		11-Oct-04	14-Oct-04	21-Oct-04	23-Oct-04						
<b>Mud data</b>											
Depth	m	733.0	1890.0	1987.0	2290.0						
Type		PETROFREE	PETROFREE	BARADRIL-N	BARADRIL-N						
Mud weight	lb/gal	9.3	9.5	9.1	9.3						
Solids	%by vol	6.7	6.9	3.1	4.4						
Chlorides	mg/L	73200	75000	29000	27500						
Rm	ohmm@degC	n/a	n/a	0.1518@25.2	0.1469@26.4						
Rmf	ohmm@degC	n/a	n/a	0.1387@24.8	0.1298@26.3						
Rmc	ohmm@degC	n/a	n/a	0.1568@25.4	0.1518@25.4						





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

## DOWNHOLE E

# PowerP

s/n: Y7

Software ver

20.8

D&amp;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)

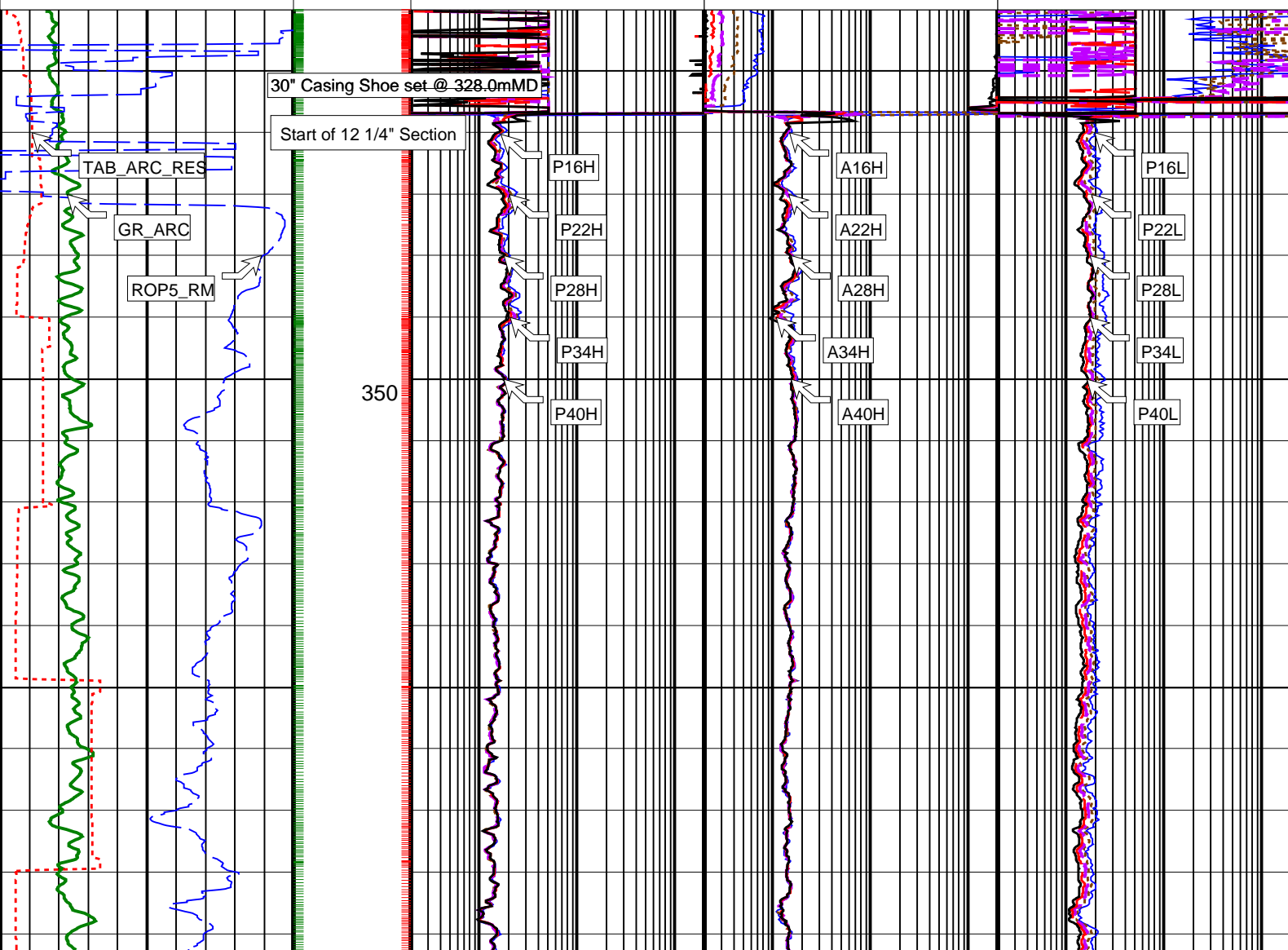
0.2 (OHMM) 200

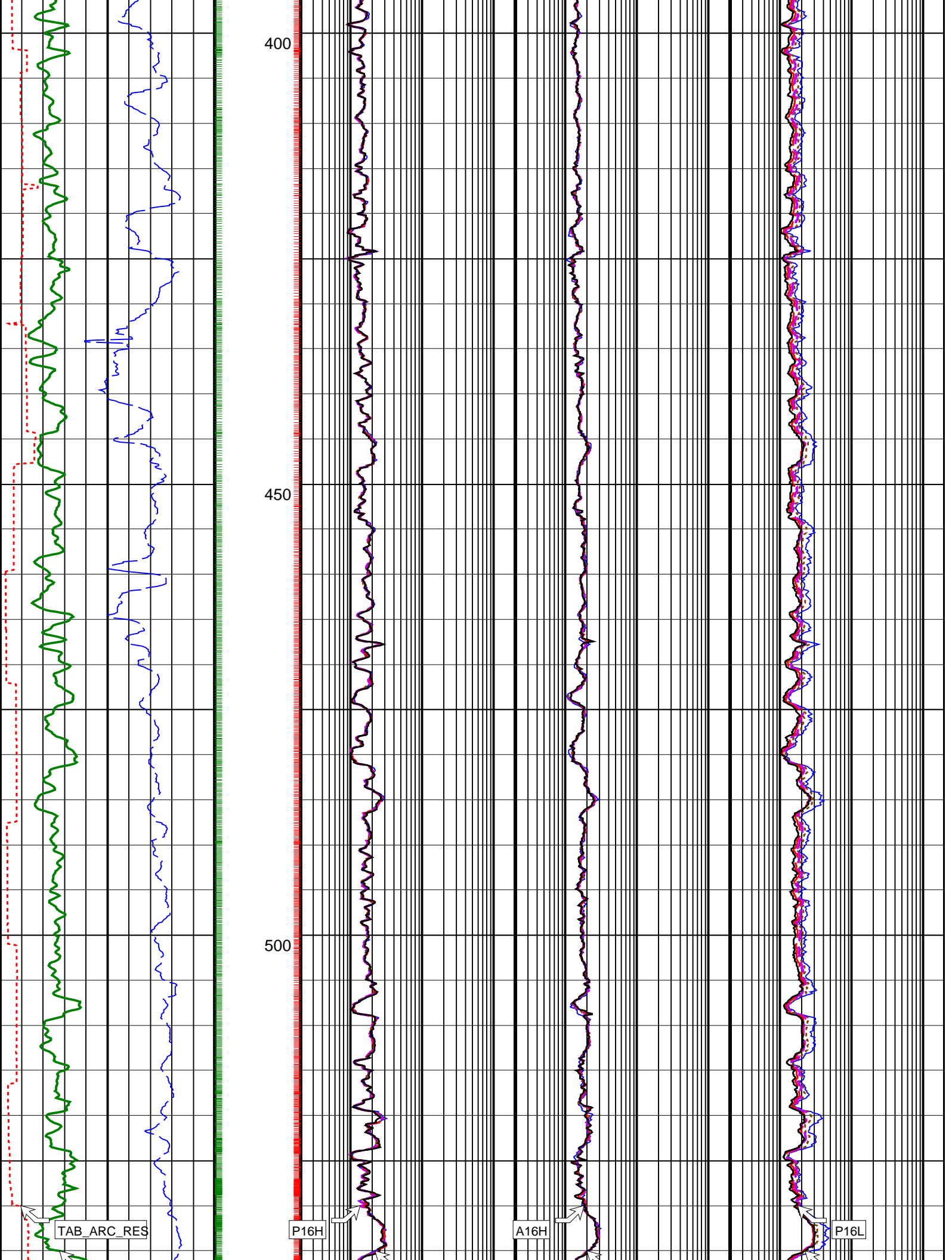
ARC Attenuation Resistivity  
16-in. at 2 MHz (A16H)

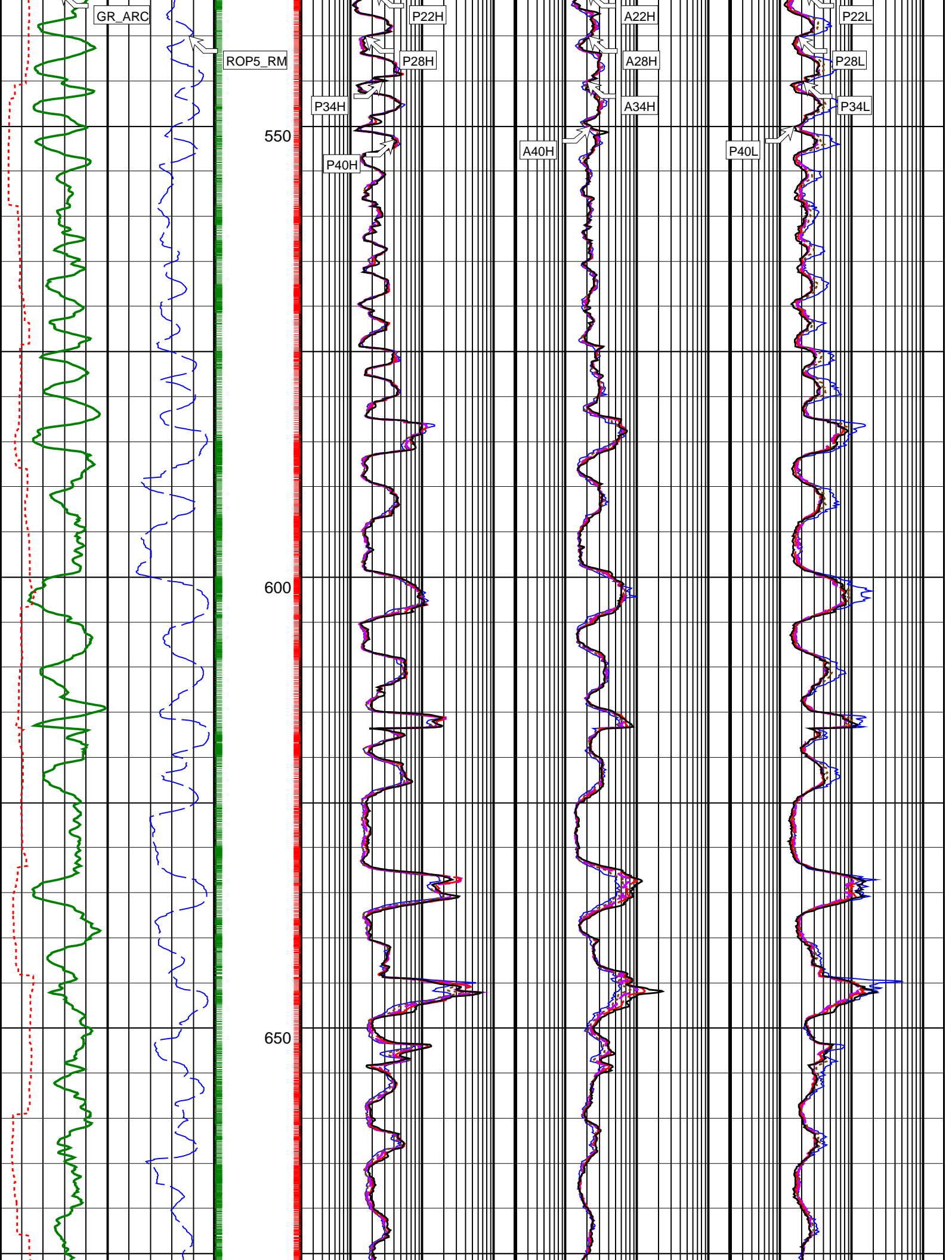
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ARC Phase-Shift Resistivity  
16-in. at 400 KHz (P16L)

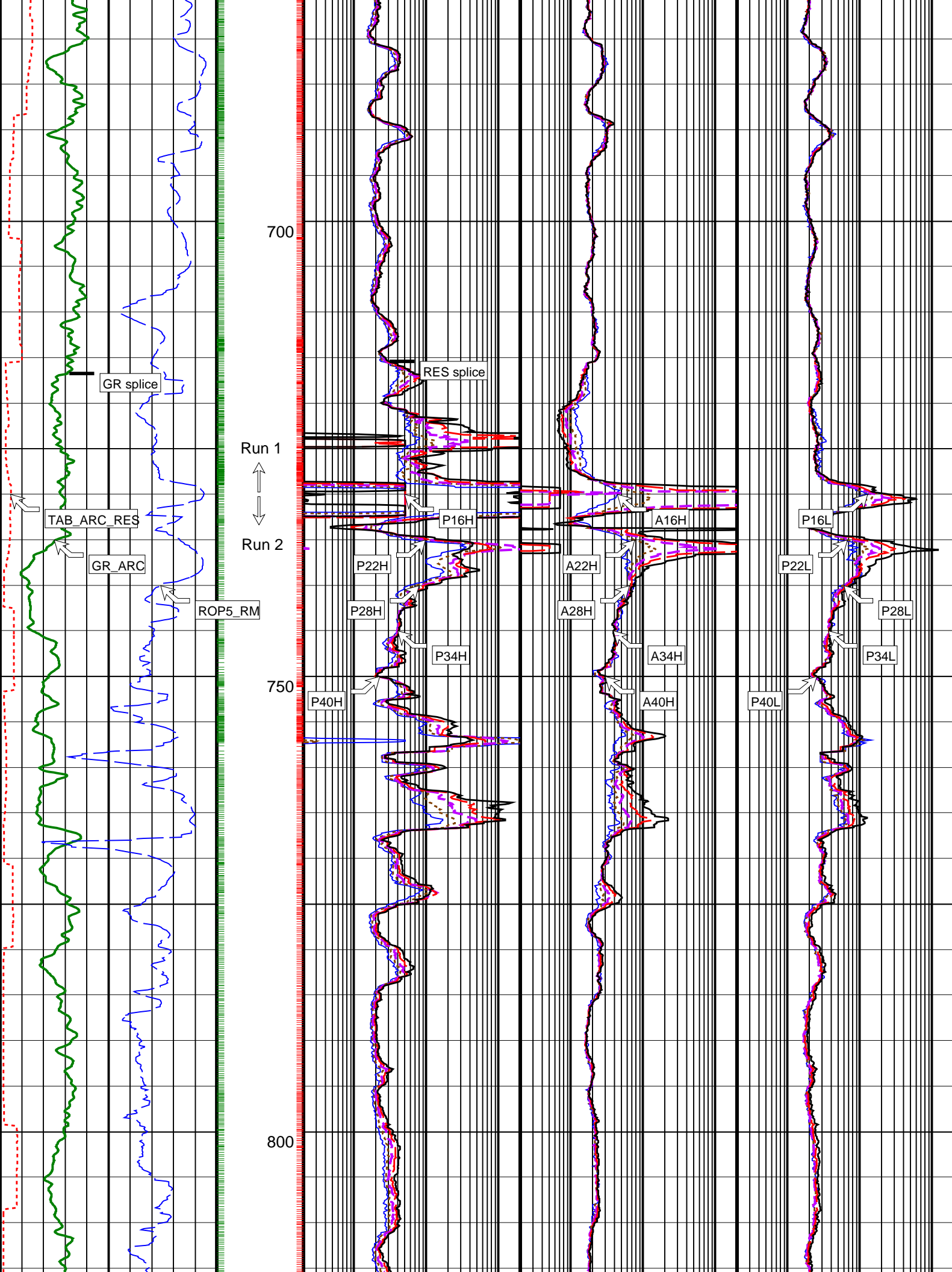
0.2 (OHMM) 200

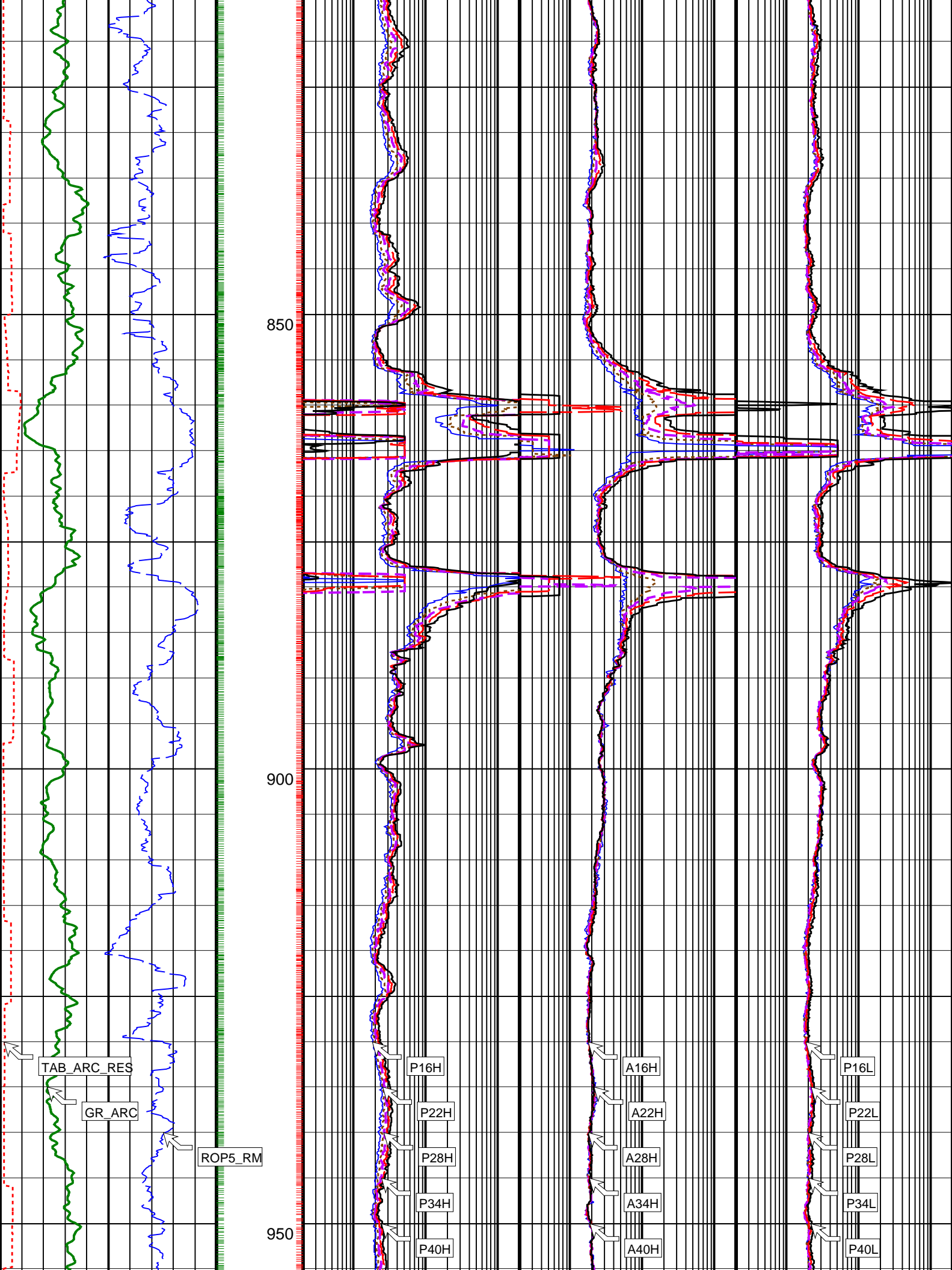


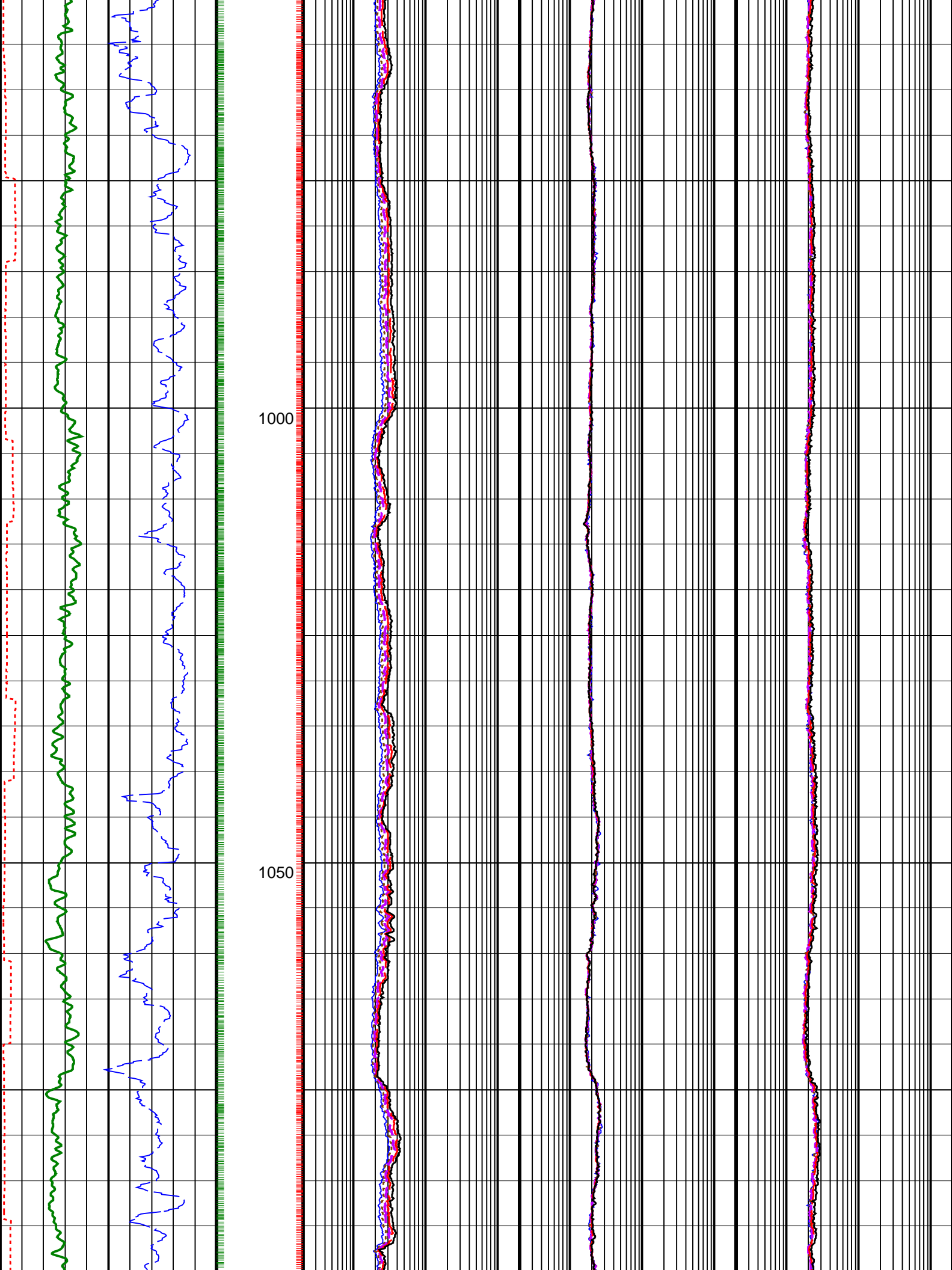


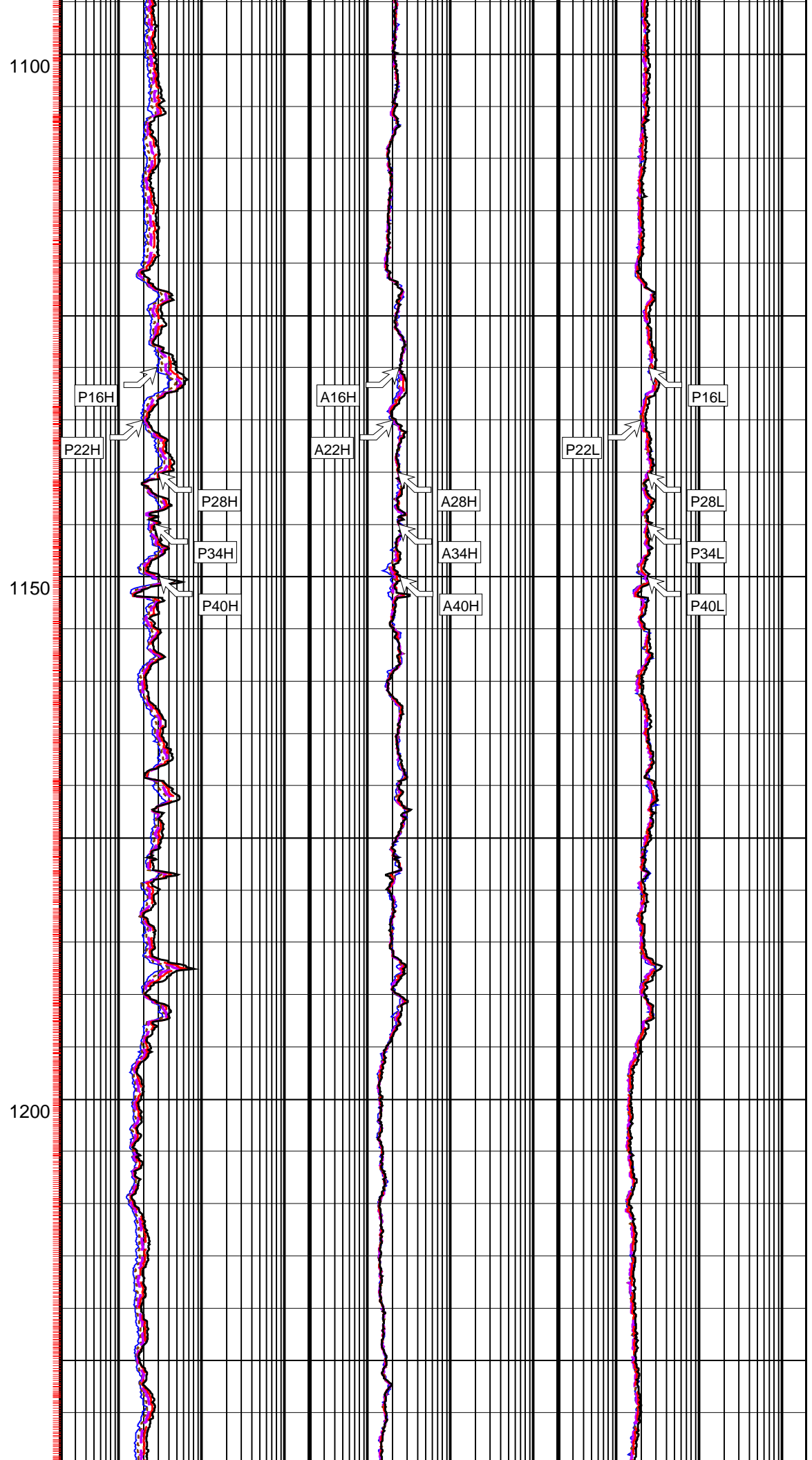
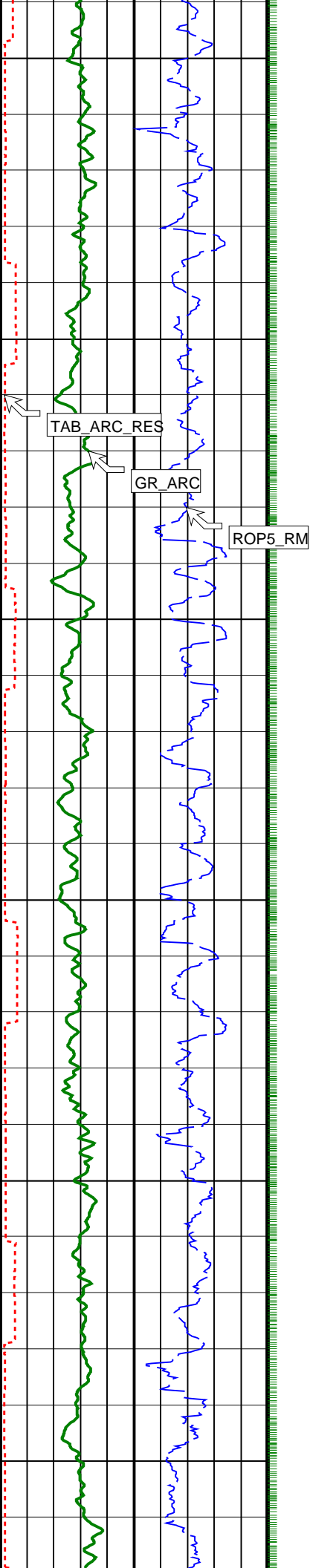


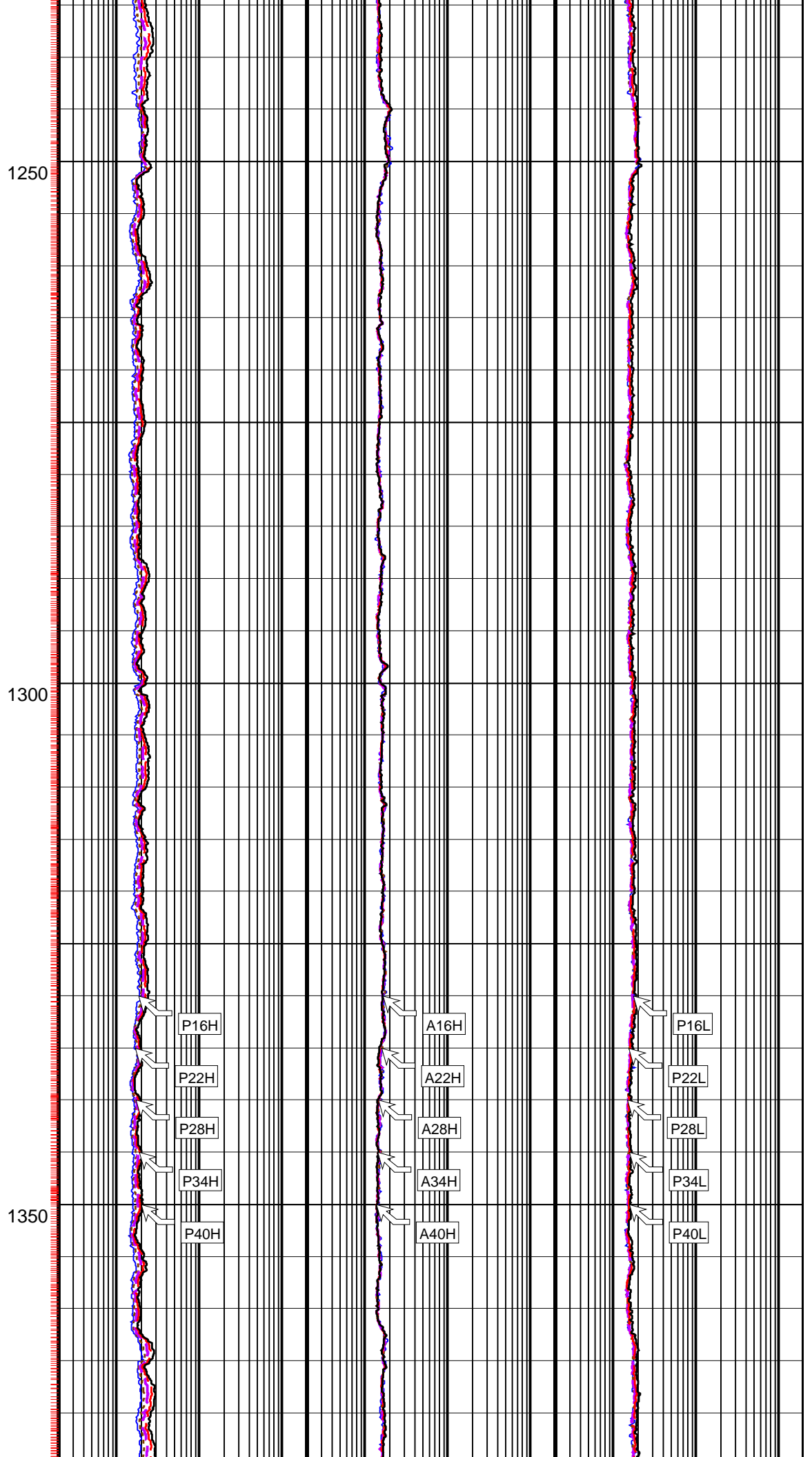
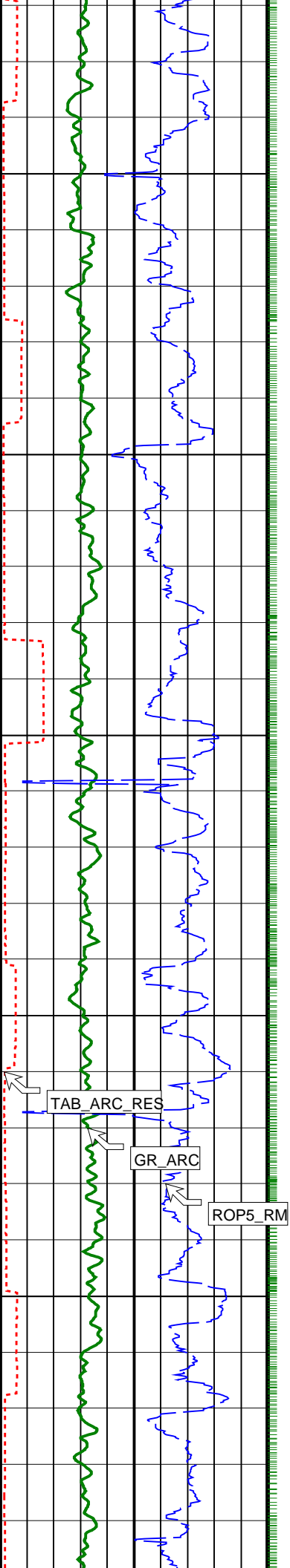


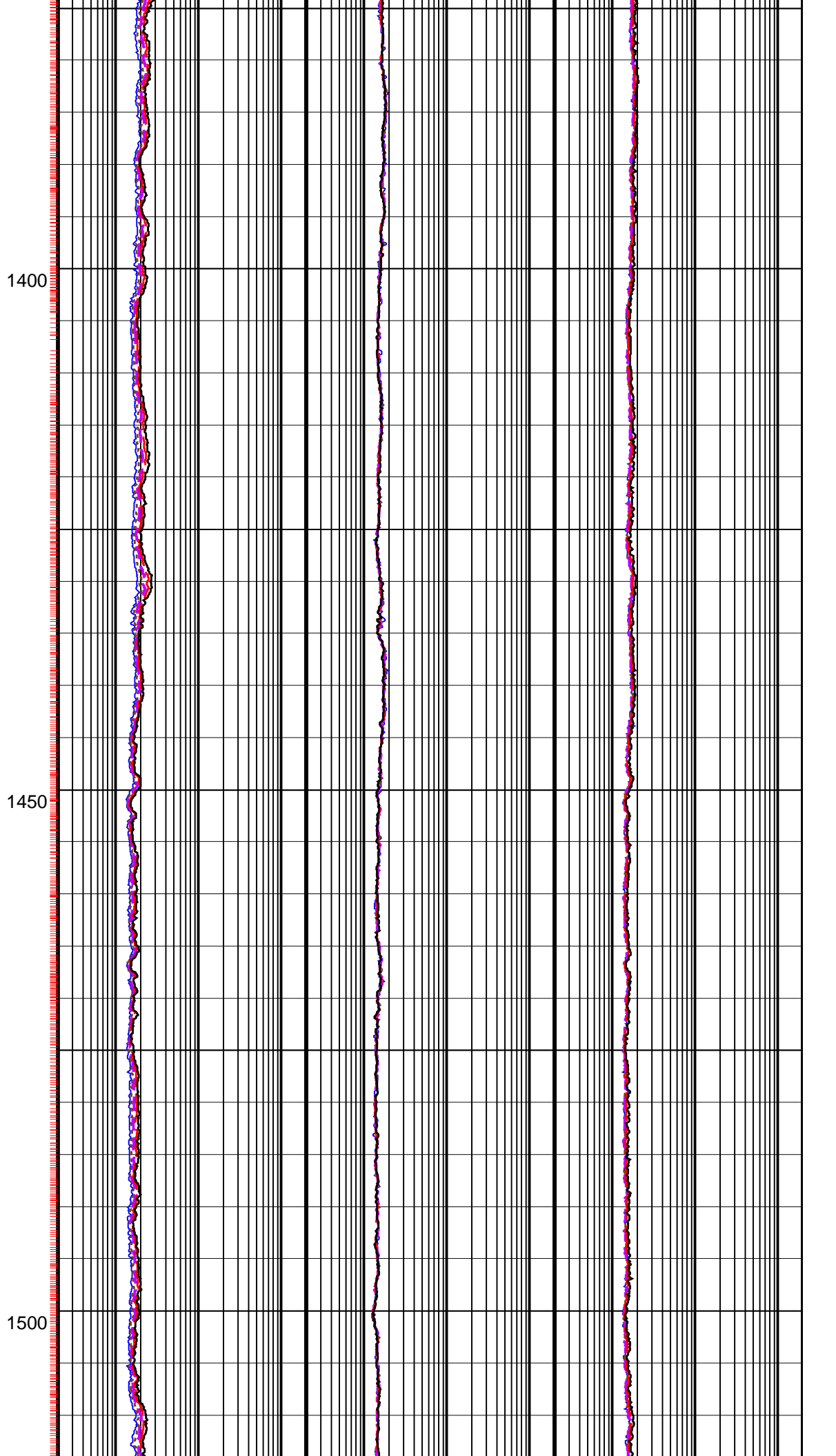
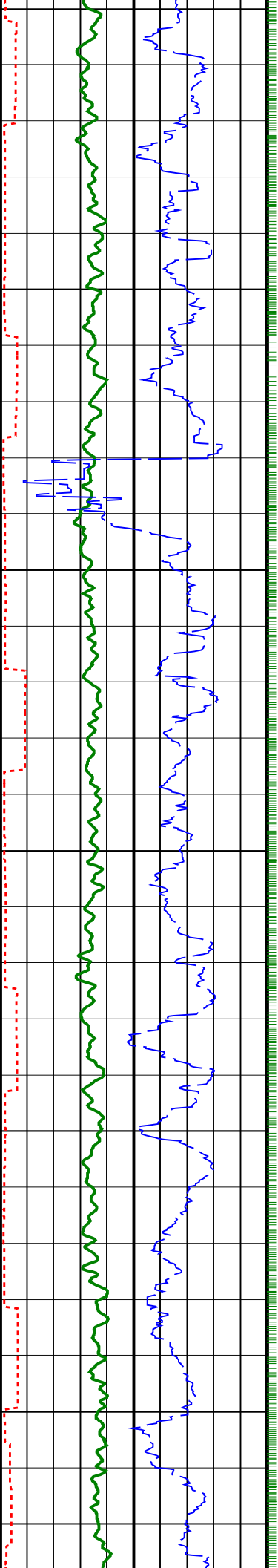


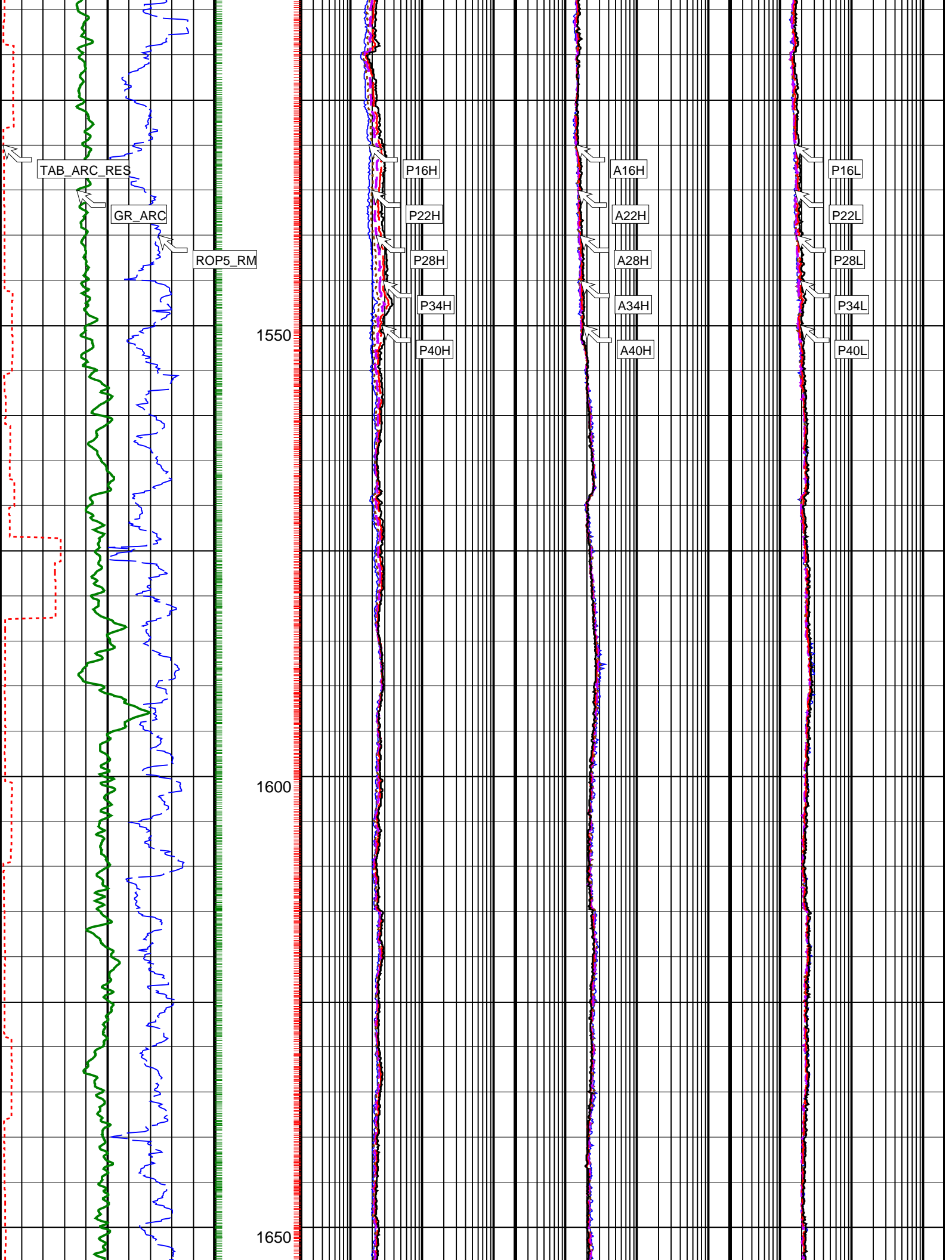


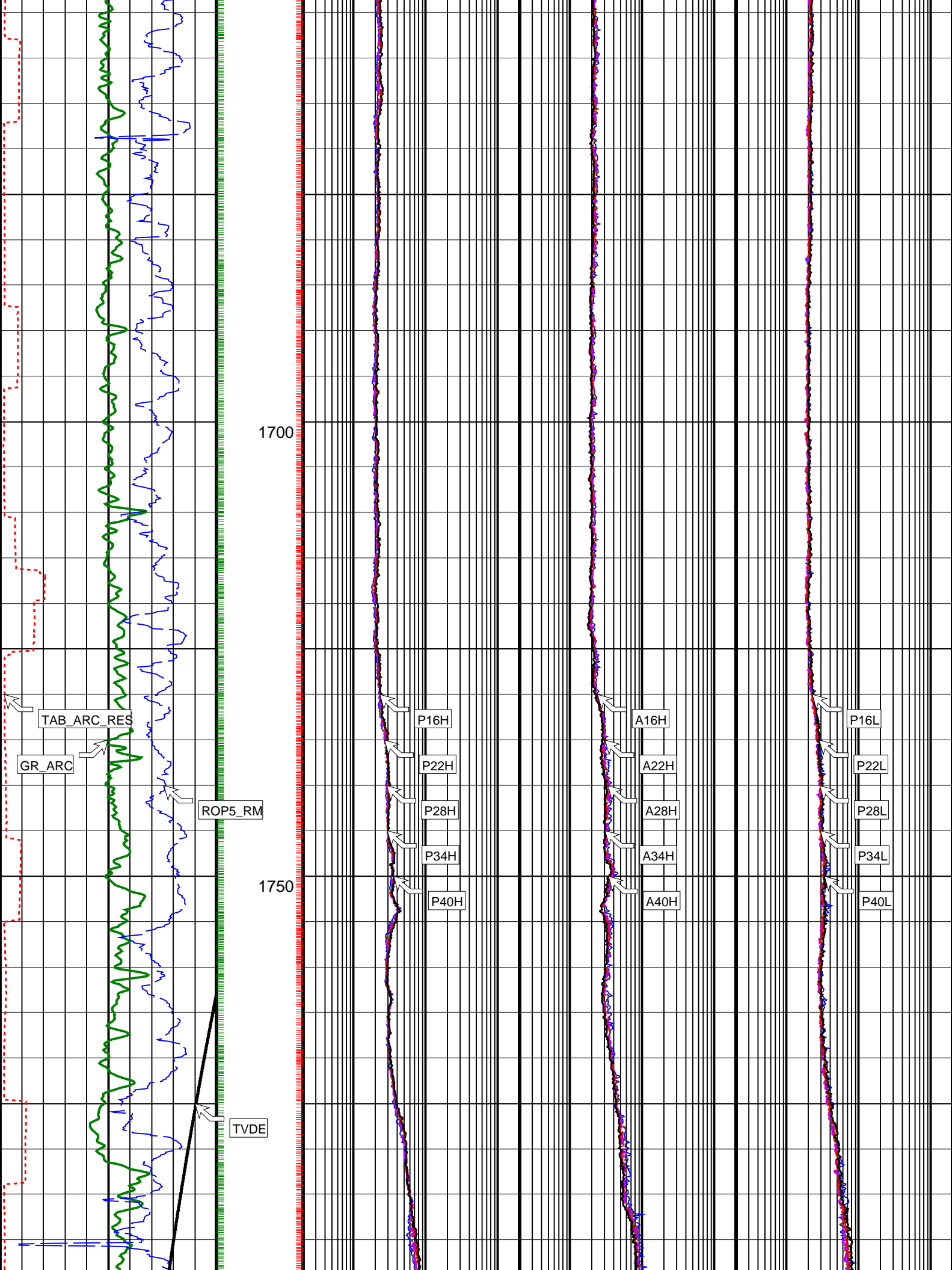




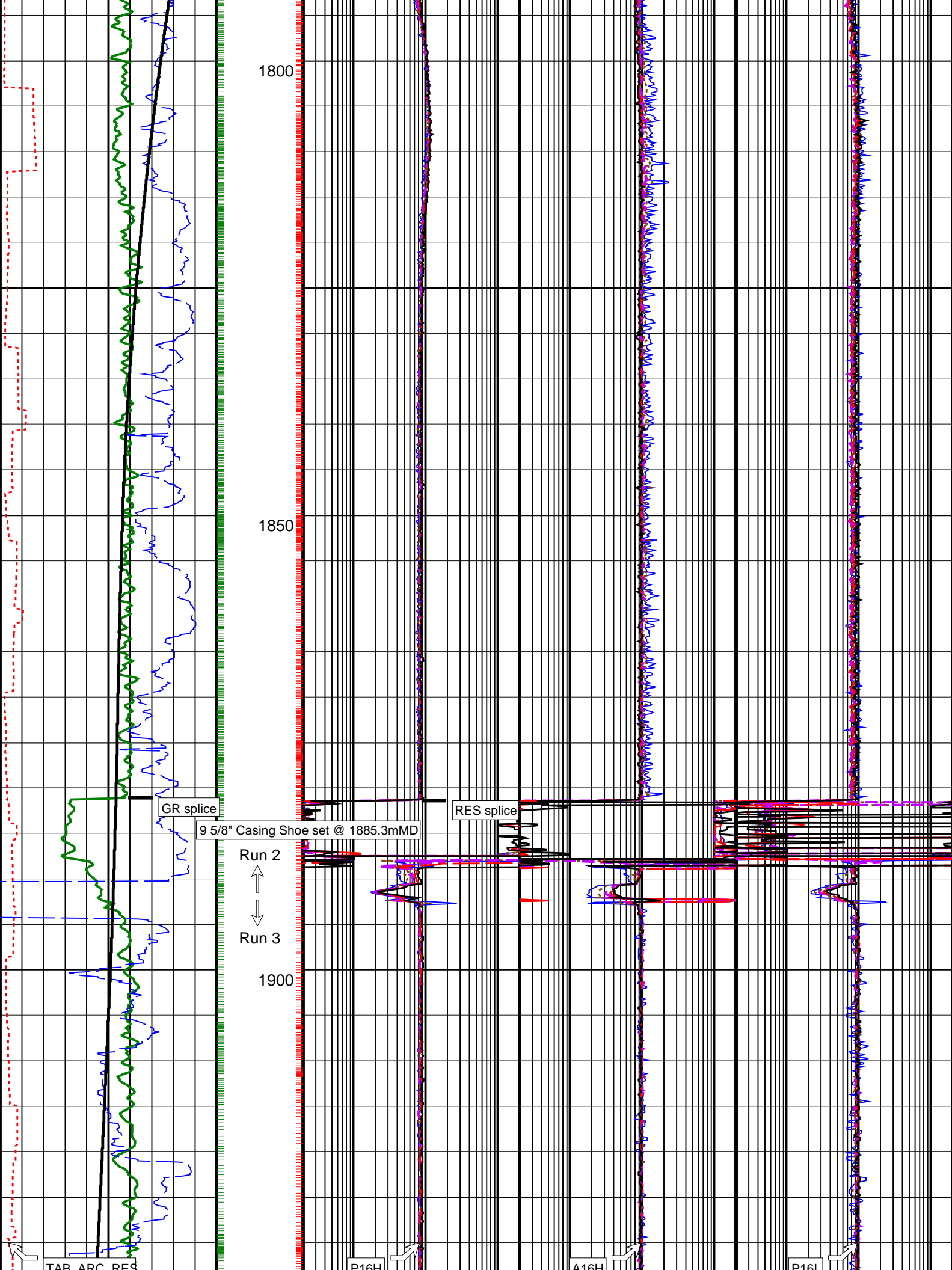


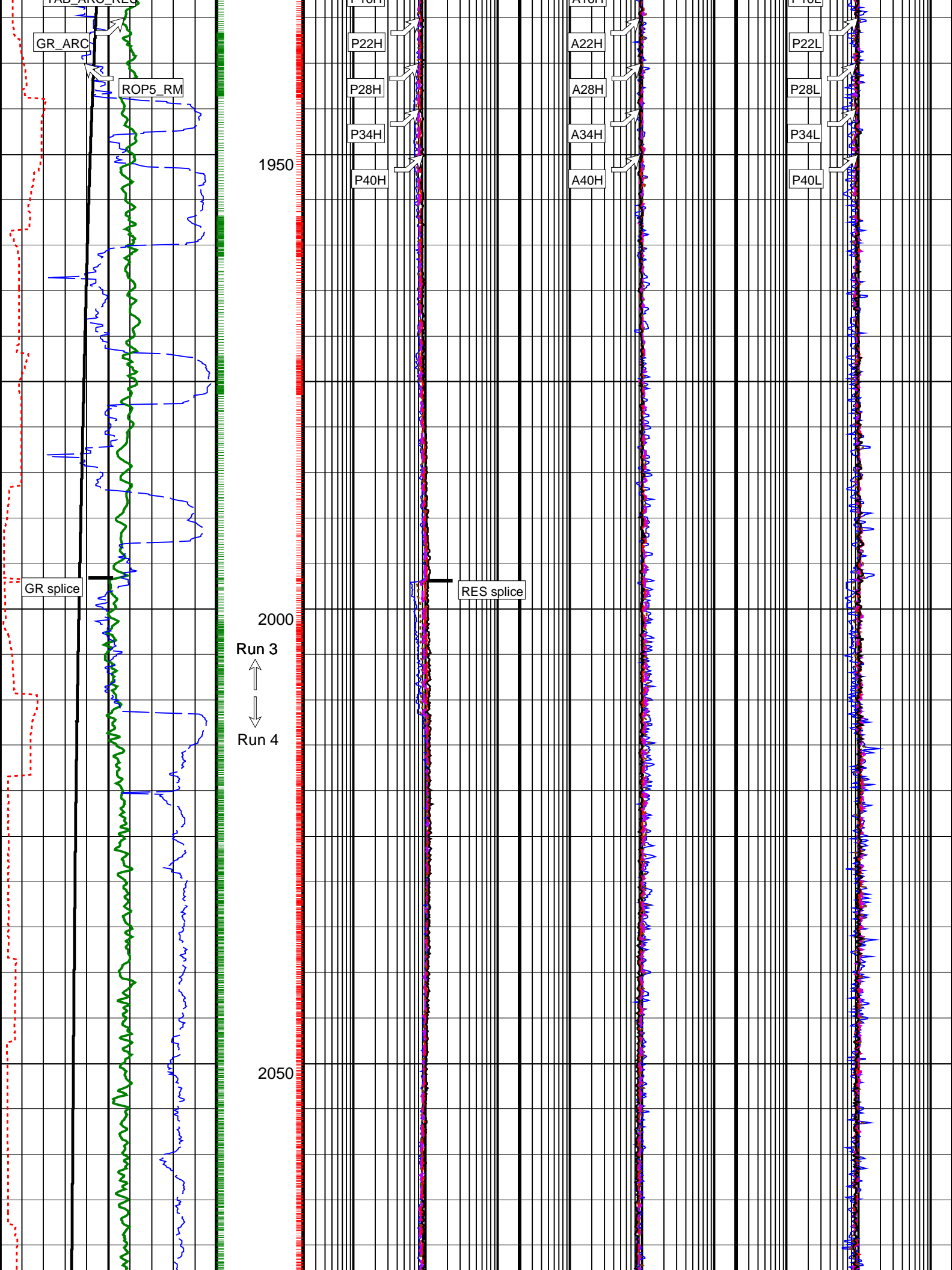


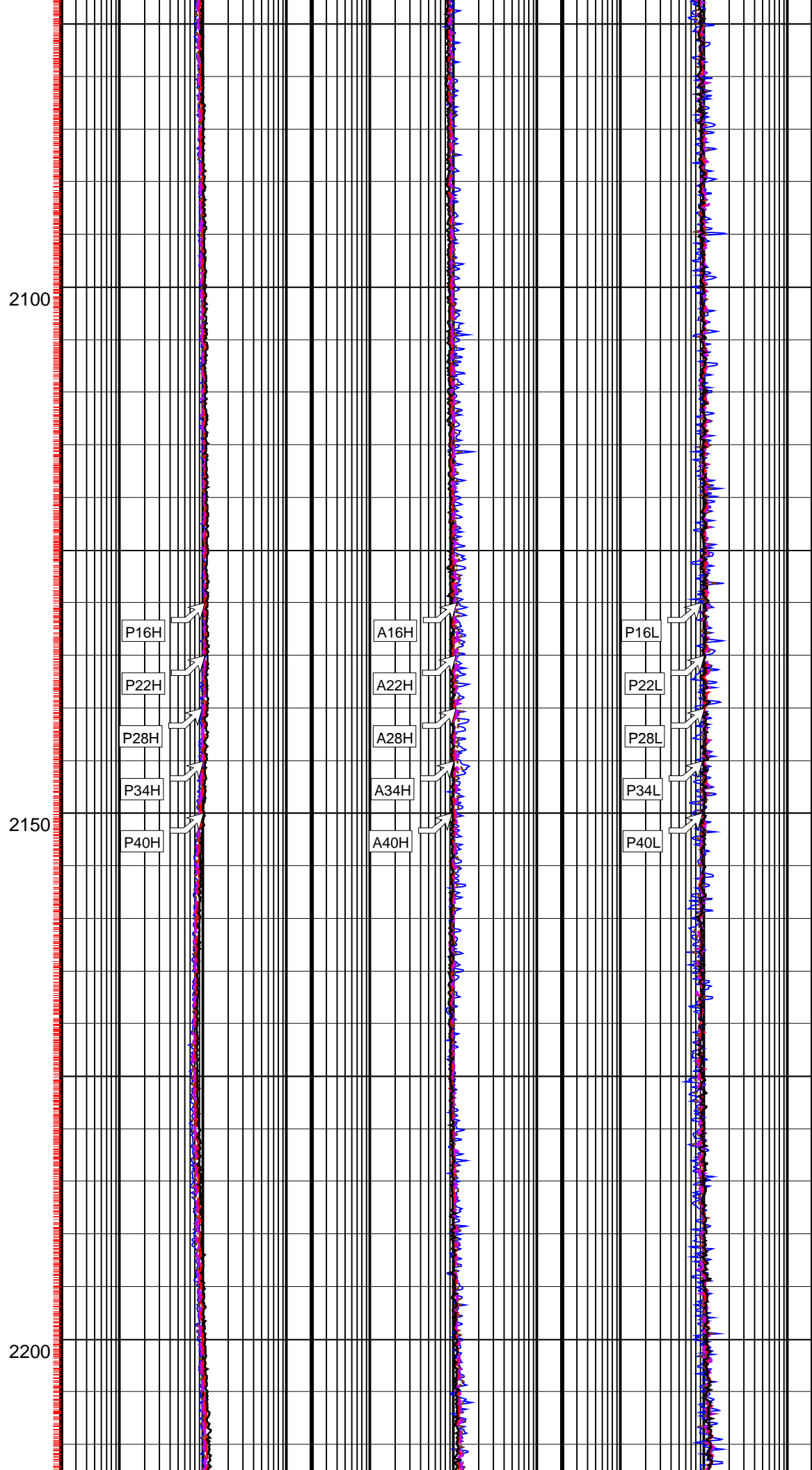
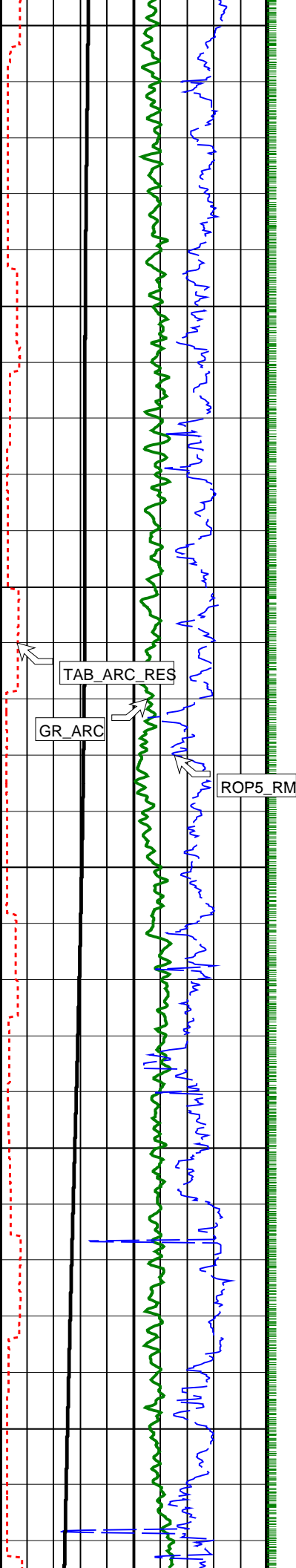


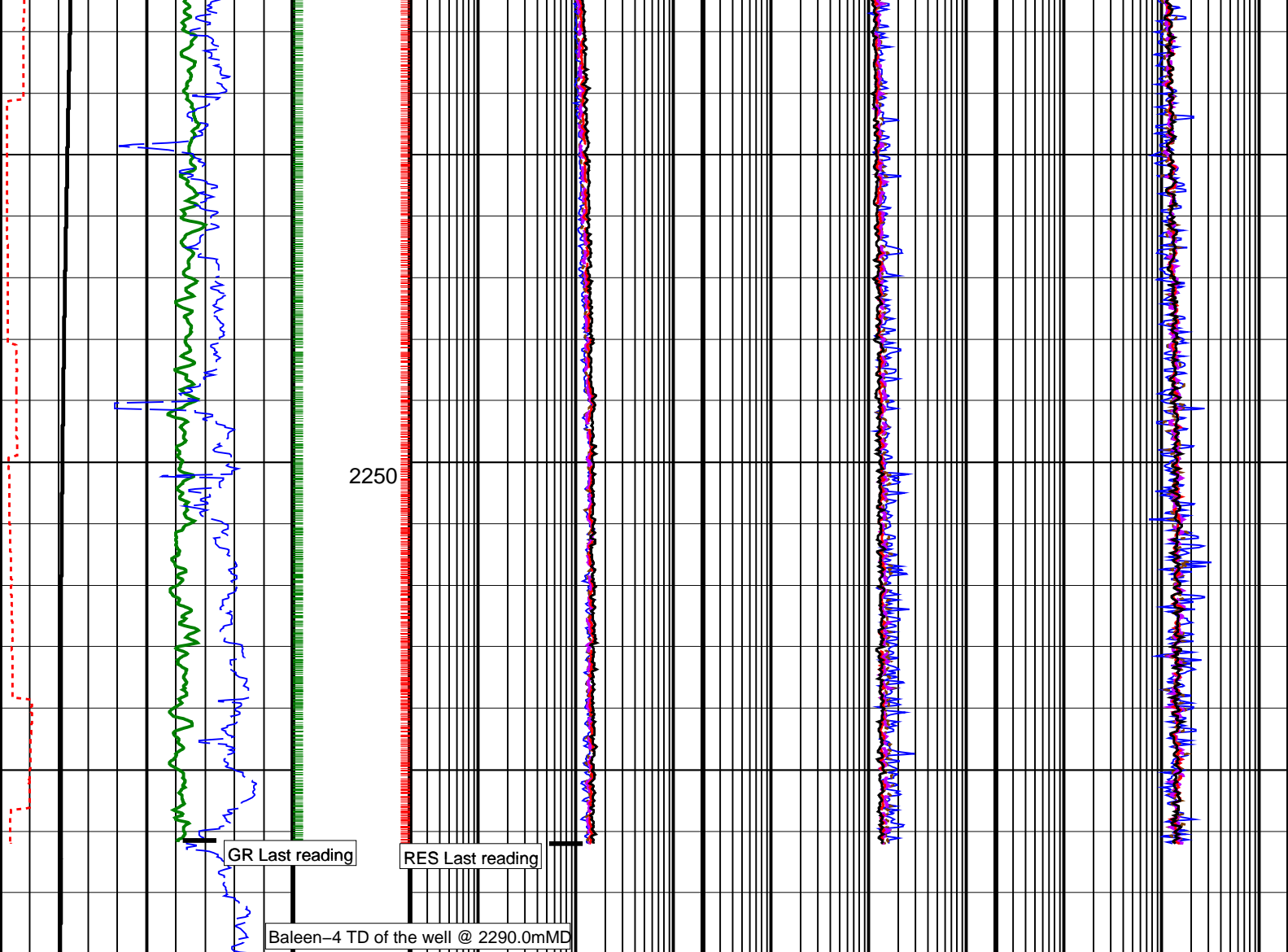












ARC Gamma Ray (GR_ARC)		ARC Phase-Shift Resistivity		ARC Attenuation Resistivity		ARC Phase-Shift Resistivity	
(GAPI)		16-in. at 2 MHz (P16H)		16-in. at 2 MHz (A16H)		16-in. at 400 KHz (P16L)	
0	200	0.2	200	0.2	200	0.2	200
(OHMM)		(OHMM)		(OHMM)		(OHMM)	
True vertical Depth (TVDE)		ARC Phase-Shift Resistivity		ARC Attenuation Resistivity		ARC Phase-Shift Resistivity	
(M)		22-in. at 2 MHz (P22H)		22-in. at 2 MHz (A22H)		22-in. at 400 KHz (P22L)	
720	705	0.2	200	0.2	200	0.2	200
(OHMM)		(OHMM)		(OHMM)		(OHMM)	
Rate of Penetration, Averaged		ARC Phase-Shift Resistivity		ARC Attenuation Resistivity		ARC Phase-Shift Resistivity	
over Last 5ft (ROP5_RM)		34-in. at 2 MHz (P34H)		28-in. at 2 MHz (A28H)		28-in. at 400 KHz (P28L)	
(M/HR)		0.2	200	0.2	200	0.2	200
(OHMM)		(OHMM)		(OHMM)		(OHMM)	
ARC Resistivity Time After Bit		ARC Phase-Shift Resistivity		ARC Attenuation Resistivity		ARC Phase-Shift Resistivity	
(TAB_ARC_RES)		28-in. at 2 MHz (P28H)		34-in. at 2 MHz (A34H)		34-in. at 400 KHz (P34L)	
0	10	0.2	200	0.2	200	0.2	200
(HR)		(OHMM)		(OHMM)		(OHMM)	
(OHMM)		ARC Phase-Shift Resistivity		ARC Attenuation Resistivity		ARC Phase-Shift Resistivity	
		40-in. at 2 MHz (P40H)		40-in. at 2 MHz (A40H)		40-in. at 400 KHz (P40L)	
		0.2	200	0.2	200	0.2	200
		(OHMM)		(OHMM)		(OHMM)	

PIP SUMMARY

- ARC Gamma Ray Samples
- ARC Resistivity Samples

IDEAL Version: ID9\_1C\_01  
IDF

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			7.421	Master			7.380	Master			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			5.267	Master			2.625	Master			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			7.260	Master			4.126	Master			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			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

99

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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)				
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-----      ----- Geomagnetic data -----

Method for positions.....: Minimum curvature      Magnetic model.....: BGGM version 2004  
Method for DLS.....: Mason & Taylor      Magnetic date.....: 28-Sep-2004  
Magnetic field strength...: 1196.76 HCNT

----- Depth reference -----      Magnetic dec (+E/W-).....: 13.16 degrees  
Permanent datum.....: MSL      Magnetic dip.....: -68.51 degrees  
Depth reference.....: Driller's Pipe Tally

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-----      Tolerance of G.....: (+/-) 2.50 mGal  
Latitude (+N/S-).....: 0.00 m      Tolerance of H.....: (+/-) 6.00 HCNT  
Departure (+E/W-).....: 0.00 m      Tolerance of Dip.....: (+/-) 0.45 degrees

----- Platform reference point-----      ----- Corrections -----

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)	Angle (deg)	Course length (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 1:500 Measured Depth Recorded Memory Data		

