

VISION Resistivity

Gamma Ray - Resistivity

Recorded Mode log, Measured Depth 1:200

Schlumberger

Company: JAMSTEC

Well: C0002Q

Field: C0002

Rig Name: D/V Chikyu

Prefecture: Wakayama

Country: Japan

Latitude: 33° 18' 3.042" N

Longitude: 136° 38' 12.174" E

Block: UWID: D/V Chikyu

FL: Pacific Ocean

FL1: X = 652,382.39 m

FL2: Y = 3,685,834.62 m

Log Measured From: - Drill Floor: 28.50 m
Permanent Datum: - Mean Sea Level

Ground Level: 1939.00 m

Acquisition Dates: 27-Nov-2018 -- 09-Dec-2018

Log Interval: 4890.00(m)MD -- 5230.30(m)MD

Index Types: Measured Depth

Index Scales: 1:200

Depth Source: Driller's Depth

Depth Sensor: DES

Print Type: Final

Spud Date: 26-Oct-2018

Other Services:

Direction and Inclination

APWD

Disclaimer

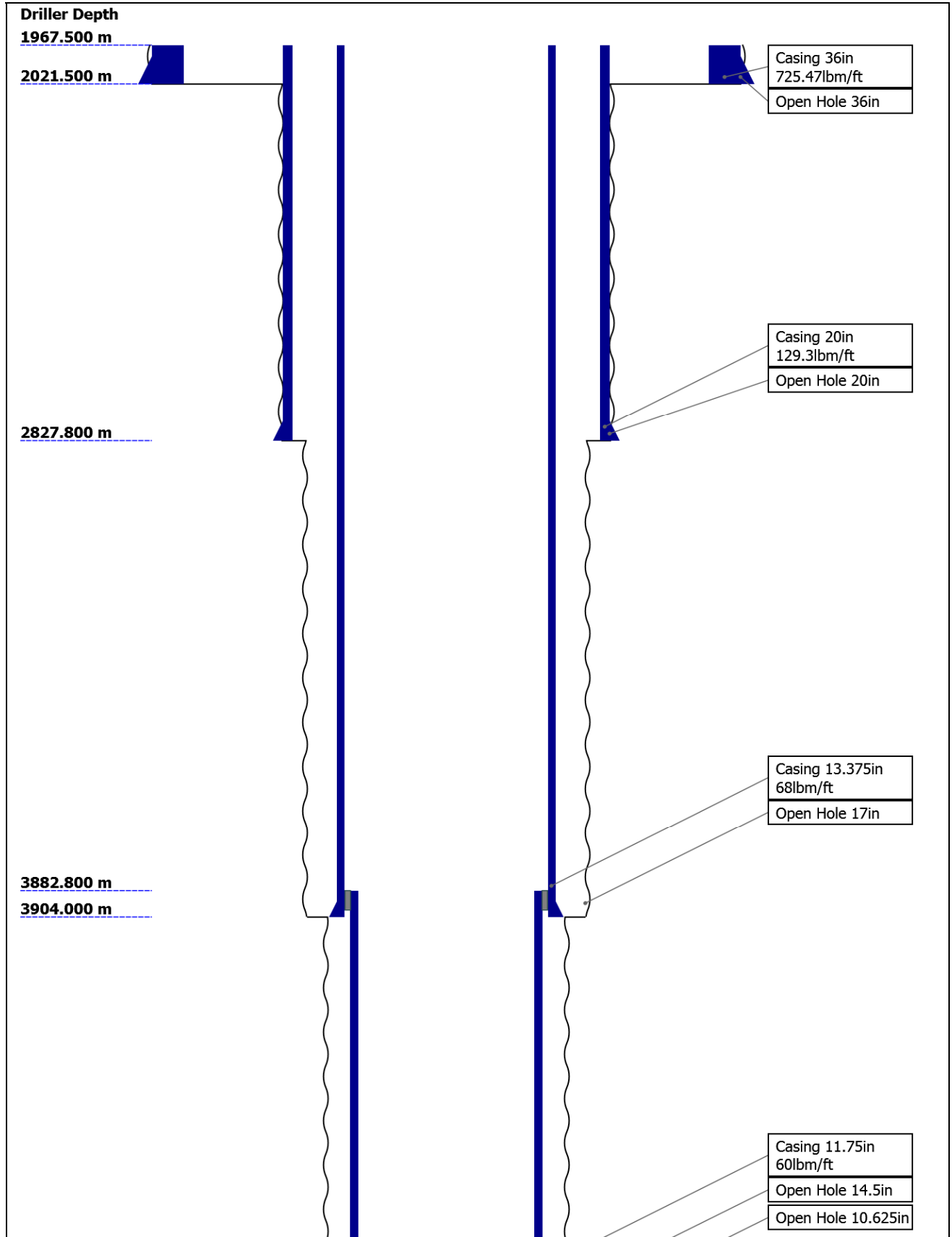
THE USE OF AND RELIANCE UPON THIS RECORDED-DATA BY THE HEREIN NAMED COMPANY (AND ANY OF ITS AFFILIATES, PARTNERS, REPRESENTATIVES, AGENTS, CONSULTANTS AND EMPLOYEES) IS SUBJECT TO THE TERMS AND CONDITIONS AGREED UPON BETWEEN SCHLUMBERGER AND THE COMPANY, INCLUDING: (a) RESTRICTIONS ON USE OF THE RECORDED-DATA; (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.

Contents

1. Header
2. Disclaimer
3. Contents
4. Well Sketch
5. Borehole Size/Casing/Tubing Record
6. Operational Run Summary
7. Borehole Fluids
8. Remarks and Equipment Summary
9. Survey Record
10. Run4 Run_4 LWD Log
 - 10.1 Integration Summary
 - 10.2 Software Version
 - 10.3 Composite Summary
 - 10.4 Log (VISION Resistivity MD)
 - 10.5 Parameter Listing
11. Run4 Run_4 DML
 - 11.1 Integration Summary

- 11.2 Software Version
- 11.3 Composite Summary
- 11.4 Log (Drilling Mechanics Log 675 RM MD)
- 11.5 Parameter Listing
- 12. Calibration Report
- 13. Tail

Well Sketch



4854.800 m
4867.000 m

5229.680 m

Open Hole 8.5in

Borehole Size/Casing Record

Bit						
Bit Size (in)	36	20	17	14.5	10.625	8.5
Top Driller (m)	1967.5	2021.5	2827.8	3904	4854.8	4867
Bottom Driller (m)	2021.5	2827.8	3904	4854.8	4867	5229.68
Casing						
Size (in)	36	20	13.375	11.75		
Weight (lbm/ft)	725.47	129.3	68	60		
Inner Diameter (in)	32.099	18.779	12.415	10.772		
Grade	X56	X56	N/A	N/A		
Top Driller (m)	1967.5	1967.5	1967.5	3882.8		
Bottom Driller (m)	2021.5	2827.8	3904	4854.8		

Operational Run Summary

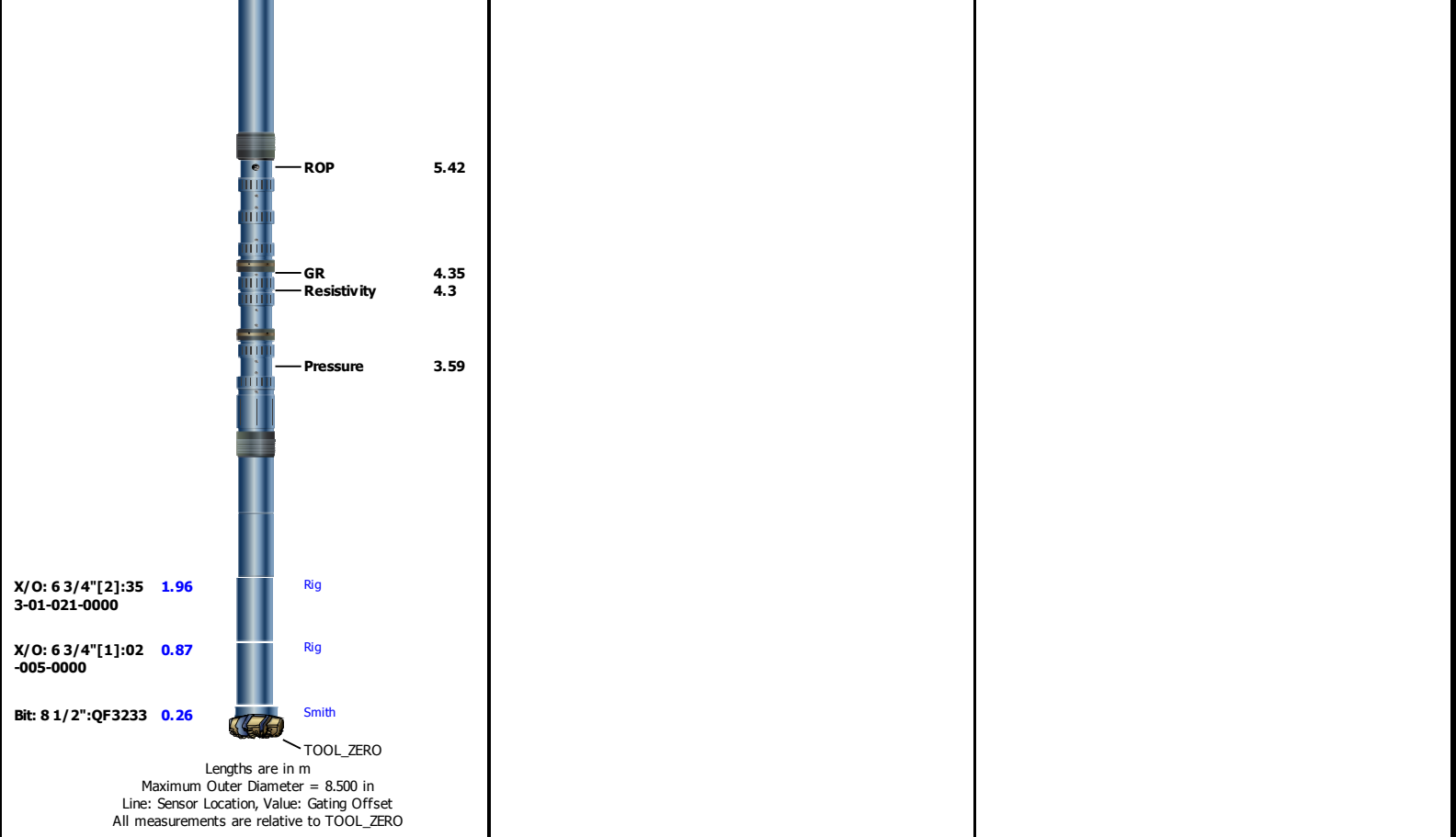
Parameter (unit)	Run4					
Date Log Started	27-Nov-2018					
Time Log Started	09:36:32					
Date Log Finished	09-Dec-2018					
Time Log Finished	05:35:48					
Bit Size (in)	8.500					
Bit Start Depth (m)	4990.00					
Bit Stop Depth (m)	5229.68					
Top Log Interval (m)	4890.00					
Bottom Log Interval (m)	5225.38					
Max Hole Deviation (deg)	5.60					
Azimuth of Max Deviation (deg)	57.81					
Logging Unit Number	OLU-MB 8054					
Logging Unit Location	Zone2					
Recorded By	SMoriyama/SMurakami/KBian					
Witnessed By	YSanada/YKido					
Service Order Number	18JAP0007					

Borehole Fluids

Parameter(unit)	Run4					
Fluid Type	Water					
Max Recorded Temperatures (degC)	64.1					
Source of Sample	Active Tank					
Salinity (ppm)	141288.5					
Density (g/cm3)	1.37					
Funnel Viscosity (s)	66					
Fluid Loss (cm3)	2.5					
PH	9.9					
Source RMF	Pressed					
RMC	Pressed					
RM @ Meas Temp (ohm.m@degC)	0.06 @ 21.1					
RMF @ Meas Temp (ohm.m@degC)	0.05 @ 20.2					
RMC @ Meas Temp (ohm.m@degC)	0.09 @ 19.8					
RM @ BHT (ohm.m@degC)	0.04 @ 43					
RMF @ BHT (ohm.m@degC)	0.03 @ 43					
RMC @ BHT (ohm.m@degC)	0.06 @ 43					
Total Solid (%)	16.5					
High Gravity Solids (%)	0					

Remarks and Equipment Summary

Run4: Toolstring				Run4: Remarks	
Equip name TELE675-IWOB:B1755 Length 16.16 MP name Schlumberger Offset  D&I 11.84 GR 11.19 ROP 9.49 IWOB 8.47 ARC6:G8274-1 7.65 Schlumberger	Depth Reference is driller's depth measured from Rotary Table.				
	Data presented is Recorded Mode data which was acquired while drilling.				
	Gamma Ray measurement is corrected for bit size, mud weight, tool collar size and potassium content (1.53%) in the mud.				
	Resistivity measurement is borehole compensated and environmentally corrected for hole size and mud resistivity.				
	Reason of POOH: Low Penetration Rate.				
	Drilling Time: 93.94 hrs.				
	Pumping Time: 230.76 hrs.				



Survey Record

Survey Calculation															
Method :		Minimum Radius of Curvature				DLS Method :		Lubinski							
North Reference :		Grid North				Total Correction Formula :		Magnetic Dec - Grid Convergence							
Grid Convergence :		0.90 deg													
Rig Location															
Latitude :		33° 18' 3.042" N				Longitude :		136° 38' 12.174" E							
Tie In Point															
Measured Depth:		4853.87 m	Inclination:		1.64 deg	Azimuth:		90.69 deg							
True Vertical Depth:		4852.02 m	North Displacement:		-0.27 m	East Displacement:		49.95 m							
N/-S VSec Origin:		0.00 m	E/-W VSec Origin:		0.00 m	Vertical Section Azimuth:		90.28 deg							
D&I Inits Computed and Values Used - Run5															
Geomagnetic Model :		HDGM 2018				Geomagnetic Date :		17-Nov-2018							
Computed Location B :		46164.86 nT +/- 300.00nT				Used Location B :		46164.86 nT +/- 300.00nT							
Computed Location G :		998.92 mgn +/- 2.50mgn				Used Location G :		998.92 mgn +/- 2.50mgn							
Computed Magnetic Dip :		47.02 deg +/- 0.45deg				Used Magnetic Dip :		47.02 deg +/- 0.45deg							
Computed Magnetic Dec :		-7.16 deg				Used Magnetic Dec :		-7.16 deg							
Computed Total Correction :		-8.06 deg				Used Total Correction :		-8.06 deg							
Survey Quality Index															
2 : Long Survey failed mag criteria				28 : Tie-In Point											
Survey Correction Index															
0 : No correction															
Survey Description Index															
0 : Not Flagged Survey															
Seq	MD (m)	Incl (deg)	Azim (deg)	Course (m)	TVD (m)	V Sec (m)	N/ -S (m)	E/ -W (m)	Closure (m)	at Azim (deg)	DLS deg/30m	Tool Type	QI	CI	DI
1	4853.87	1.64	90.69	- - - -	4852.02	49.95	-0.27	49.95	49.95	90.31	0.00	TIP	28	0	0
2	4870.63	3.61	138.88	16.76	4868.77	50.54	-0.67	50.54	50.54	90.76	5.00	TeleScope	2	0	0
3	4882.77	3.16	140.86	12.13	4880.88	51.00	-1.22	51.00	51.01	91.37	1.14	TeleScope	2	0	0
4	4897.67	0.64	145.72	14.91	4895.77	51.31	-1.60	51.30	51.33	91.79	5.07	TeleScope	2	0	0
5	4908.67	0.96	50.36	11.00	4906.77	51.42	-1.60	51.41	51.44	91.78	3.28	TeleScope	2	0	0

Run4

Run_4 LWD Log

Software Version

Acquisition System

Maxwell 2018 SP2

Version

8.2.104493.3100

Application Patch

DnM_TestKit-PD-DHS31-2018-2_8.2.104864

Composite Summary

Run Name	Pass Objective	Direction	Top	Bottom	Start	Stop	Include Parallel Data
Run4	Ream Down 3	Down	4894.35 m	4989.98 m	30-Nov-2018 4:29:32 AM	02-Dec-2018 11:25:02 PM	Yes
Run4	Drilling	Down	4989.60 m	5229.66 m	27-Nov-2018 9:36:32 AM	09-Dec-2018 5:35:48 AM	Yes

All depths are referenced to toolstring zero

Log

Company:JAMSTEC

Well:C0002Q

Run4:S120

Description: ARC Blended Resistivity 2-Log Format: Log (VISION Resistivity MD) Index Scale: 1:200 Index Unit: m Index Type: Measured Depth
 Creation Date: 28-Feb-2019 17:29:21

└ TICK_ARC_GR - Gamma Ray Tick Marks ARC[1] RM

- TICK_ARC_RES - Resistivity Tick Marks ARC[1] RM

Attenuation Resistivity 16 inch Spacing at 400
KHz, Environmentally Corrected (A16L) ARC[1]
RM

0 ohm.m 6

Phase Shift Resistivity 16 inch Spacing at 400
KHz, Environmentally Corrected. (P16L) ARC[1]
RM

0 ohm.m 6

Attenuation Resistivity 22 inch Spacing at 400
KHz, Environmentally Corrected (A22L) ARC[1]
RM

0 ohm.m 6

Phase Shift Resistivity 22 inch Spacing at 400
KHz, Environmentally Corrected. (P22L) ARC[1]
RM

0 ohm.m 6

Attenuation Resistivity 28 inch Spacing at 400
KHz, Environmentally Corrected (A28L) ARC[1]
RM

0 ohm.m 6

Phase Shift Resistivity 28 inch Spacing at 400
KHz, Environmentally Corrected. (P28L) ARC[1]
RM

0 ohm.m 6

Attenuation Resistivity 34 inch Spacing at 400
KHz, Environmentally Corrected (A34L) ARC[1]
RM

0 ohm.m 6

Phase Shift Resistivity 34 inch Spacing at 400
KHz, Environmentally Corrected. (P34L) ARC[1]
RM

0 ohm.m 6

Attenuation Resistivity 40 inch Spacing at 400
KHz, Environmentally Corrected (A40L) ARC[1]
RM

0 ohm.m 6

Phase Shift Resistivity 40 inch Spacing at 400
KHz, Environmentally Corrected. (P40L) ARC[1]
RM

0 ohm.m 6

Attenuation Resistivity 16 inch Spacing at 2
MHz, Environmentally Corrected (A16H)
ARC[1] RM

-2 ohm.m 4

Phase Shift Resistivity 16 inch Spacing at 2
MHz, Environmentally Corrected. (P16H)
ARC[1] RM

-2 ohm.m 4

Attenuation Resistivity 22 inch Spacing at 2
MHz, Environmentally Corrected (A22H)
ARC[1] RM

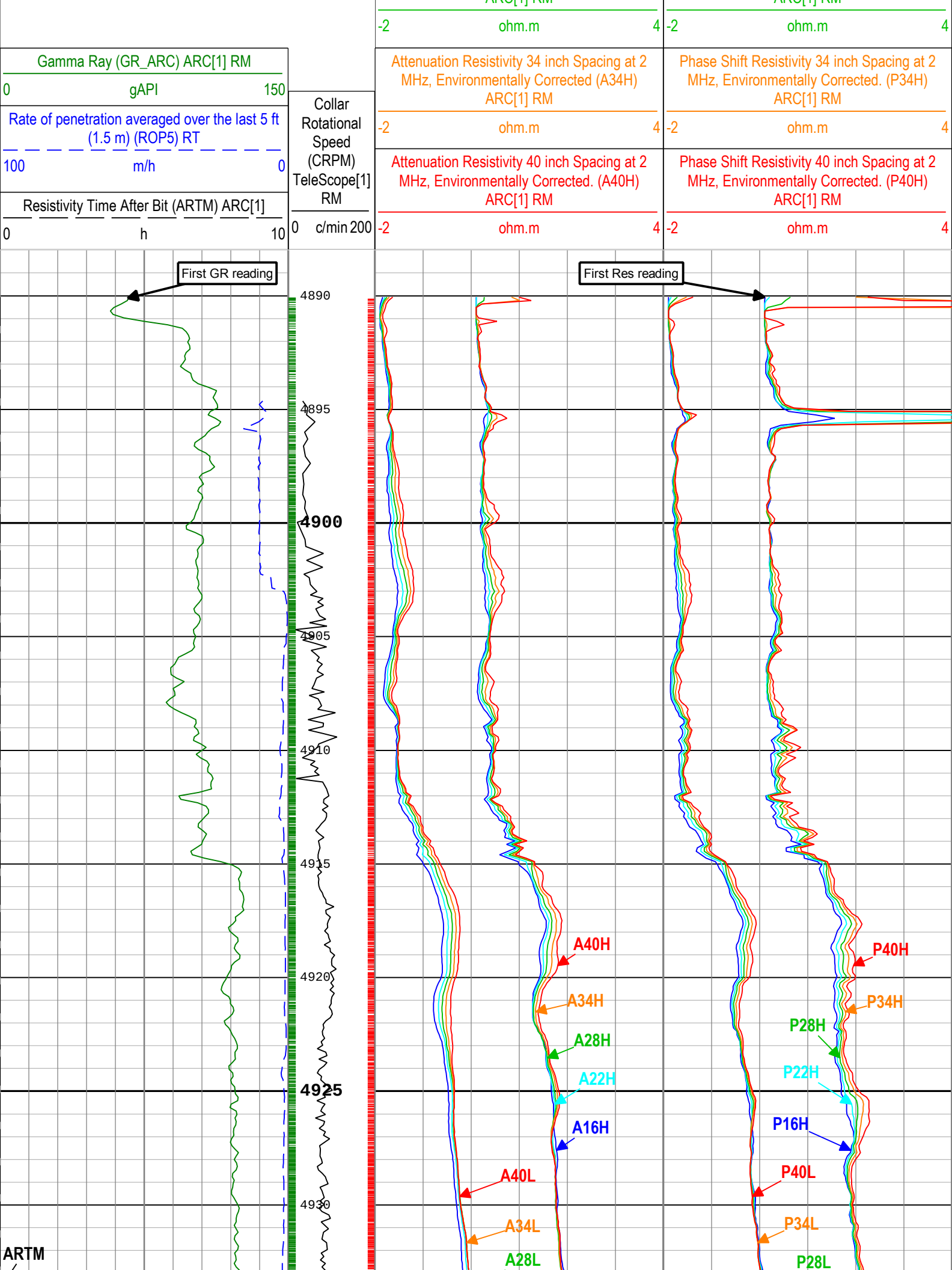
-2 ohm.m 4

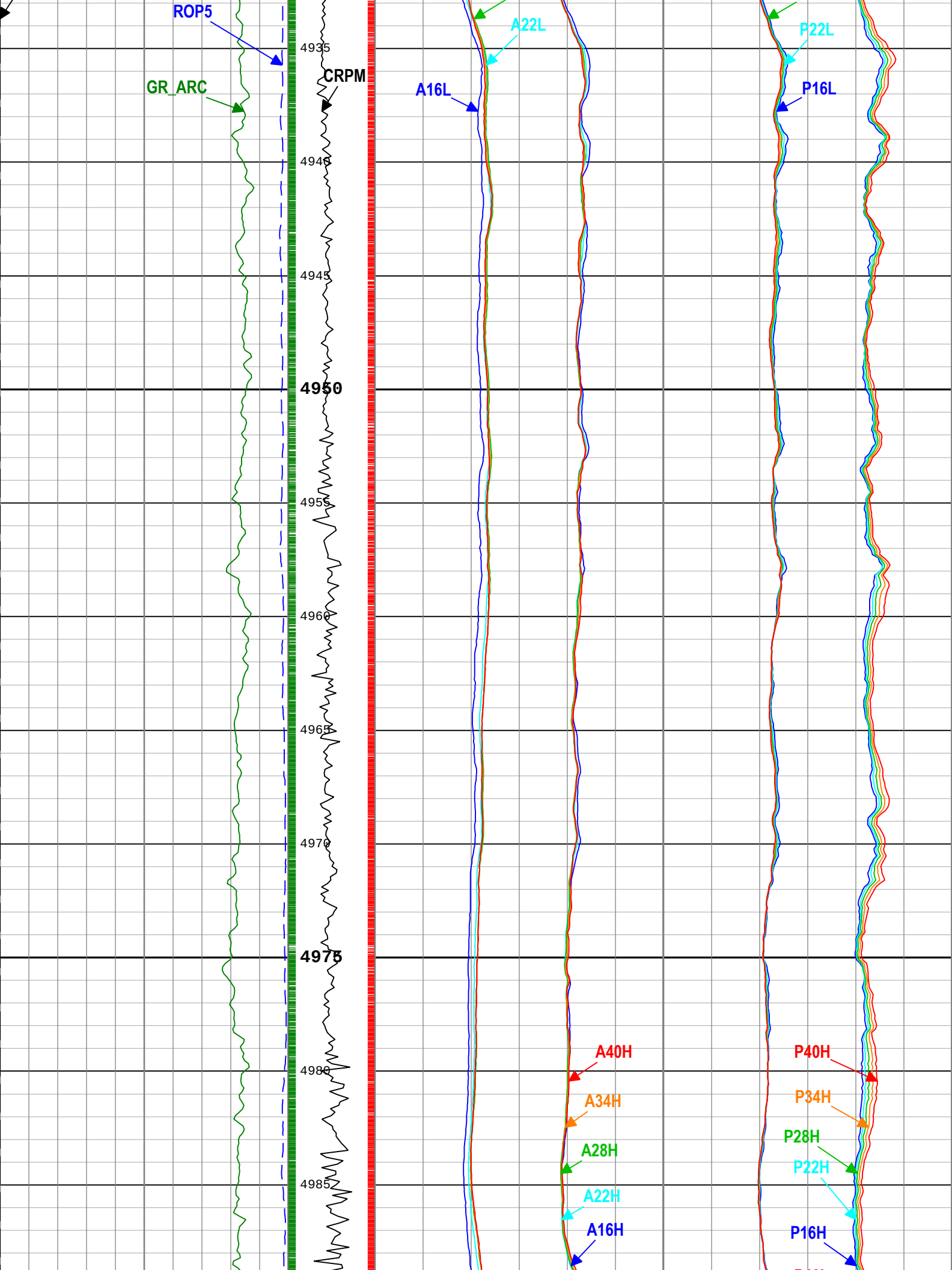
Phase Shift Resistivity 22 inch Spacing at 2
MHz, Environmentally Corrected. (P22H)
ARC[1] RM

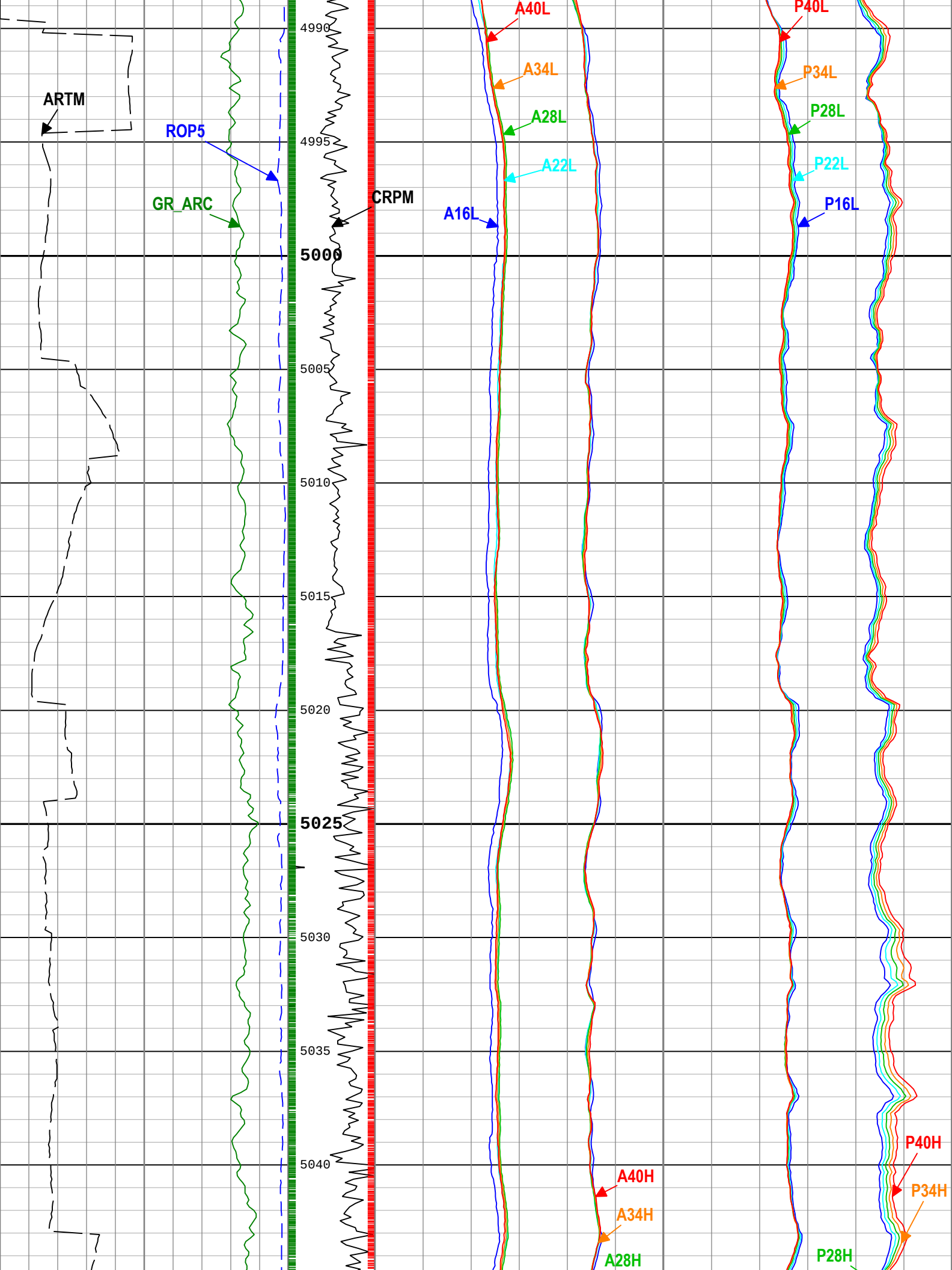
-2 ohm.m 4

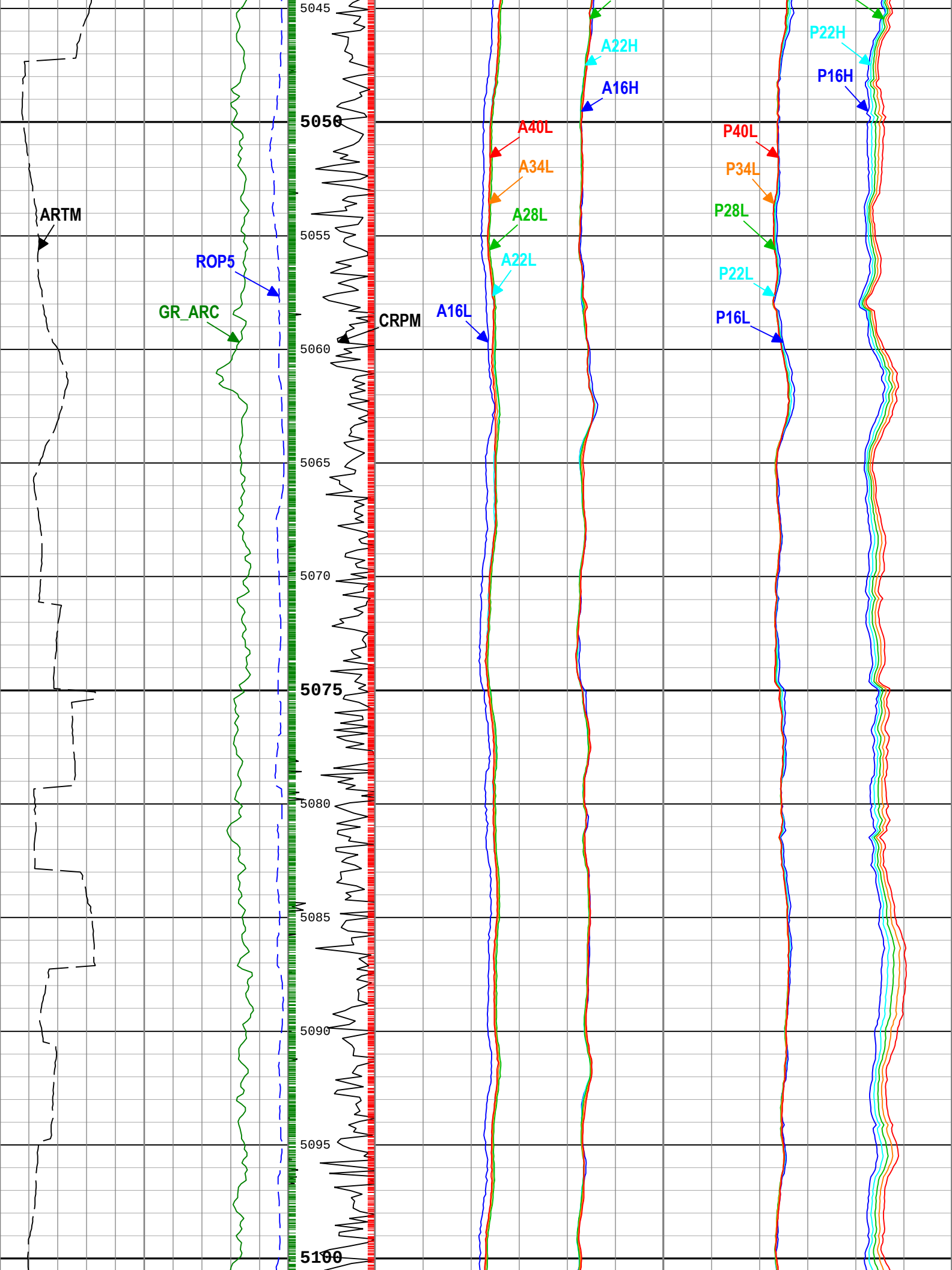
Attenuation Resistivity 28 inch Spacing at 2
MHz, Environmentally Corrected (A28H)
ARC[1] RM

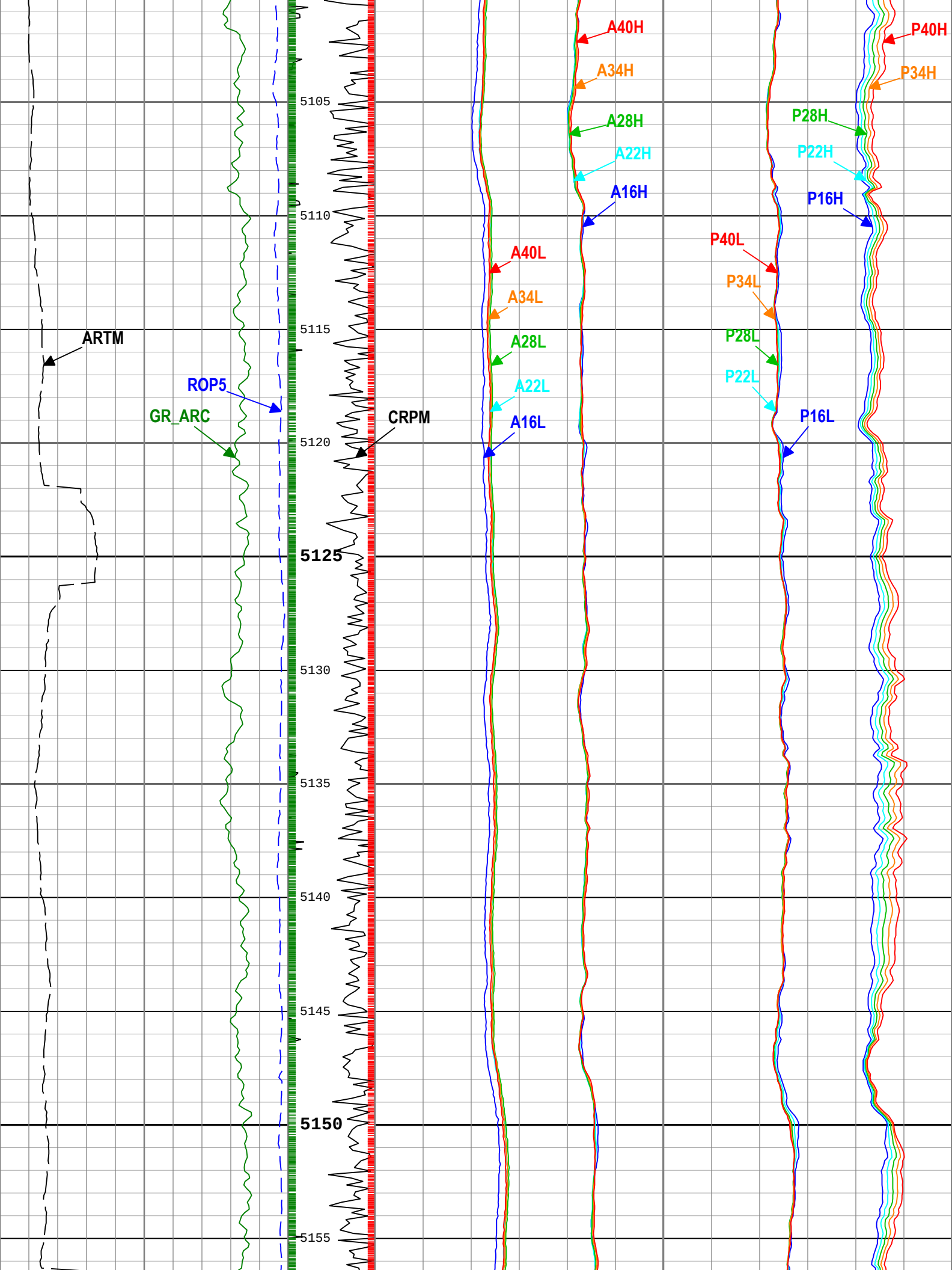
Phase Shift Resistivity 28 inch Spacing at 2
MHz, Environmentally Corrected. (P28H)
ARC[1] RM

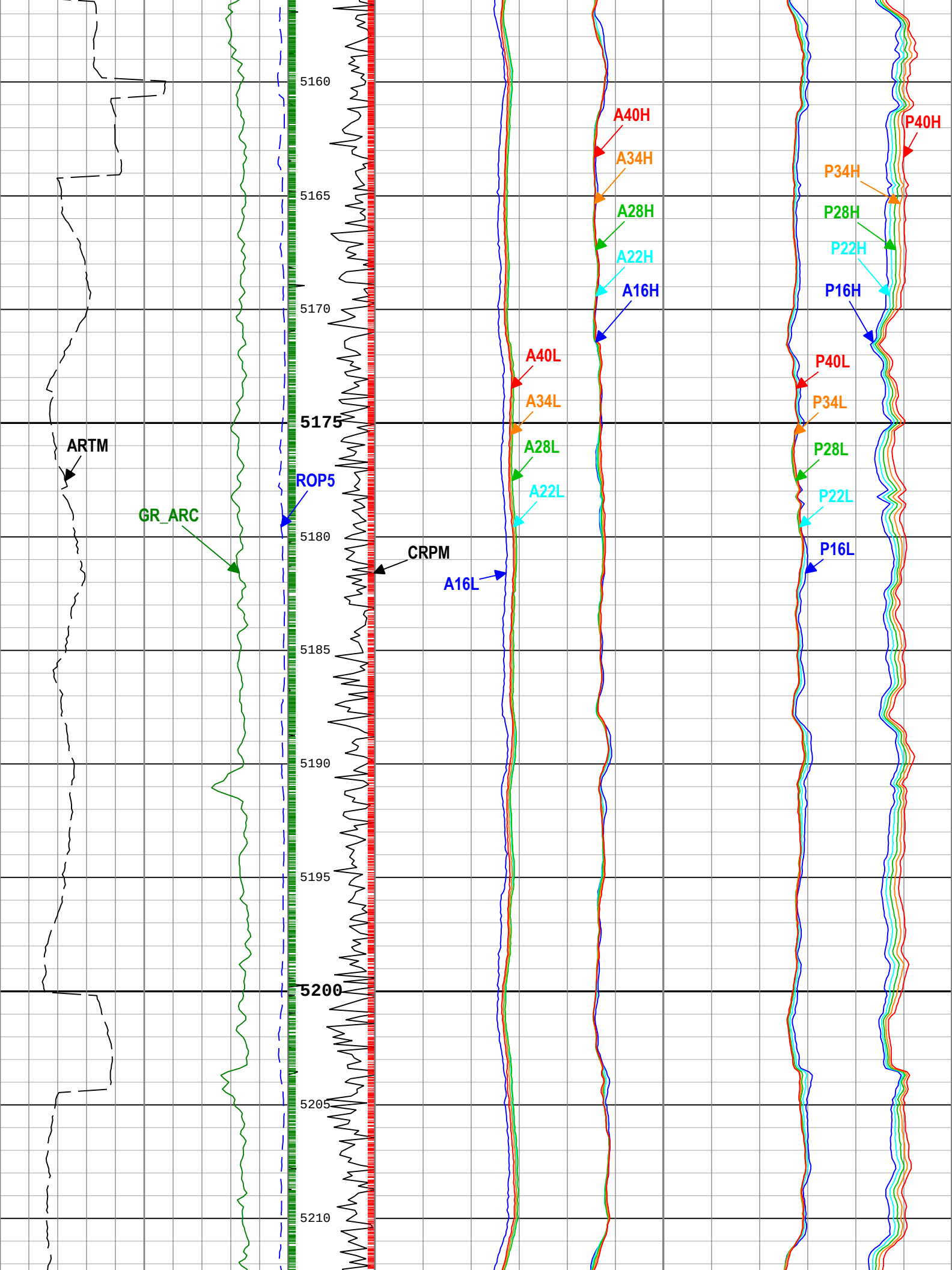


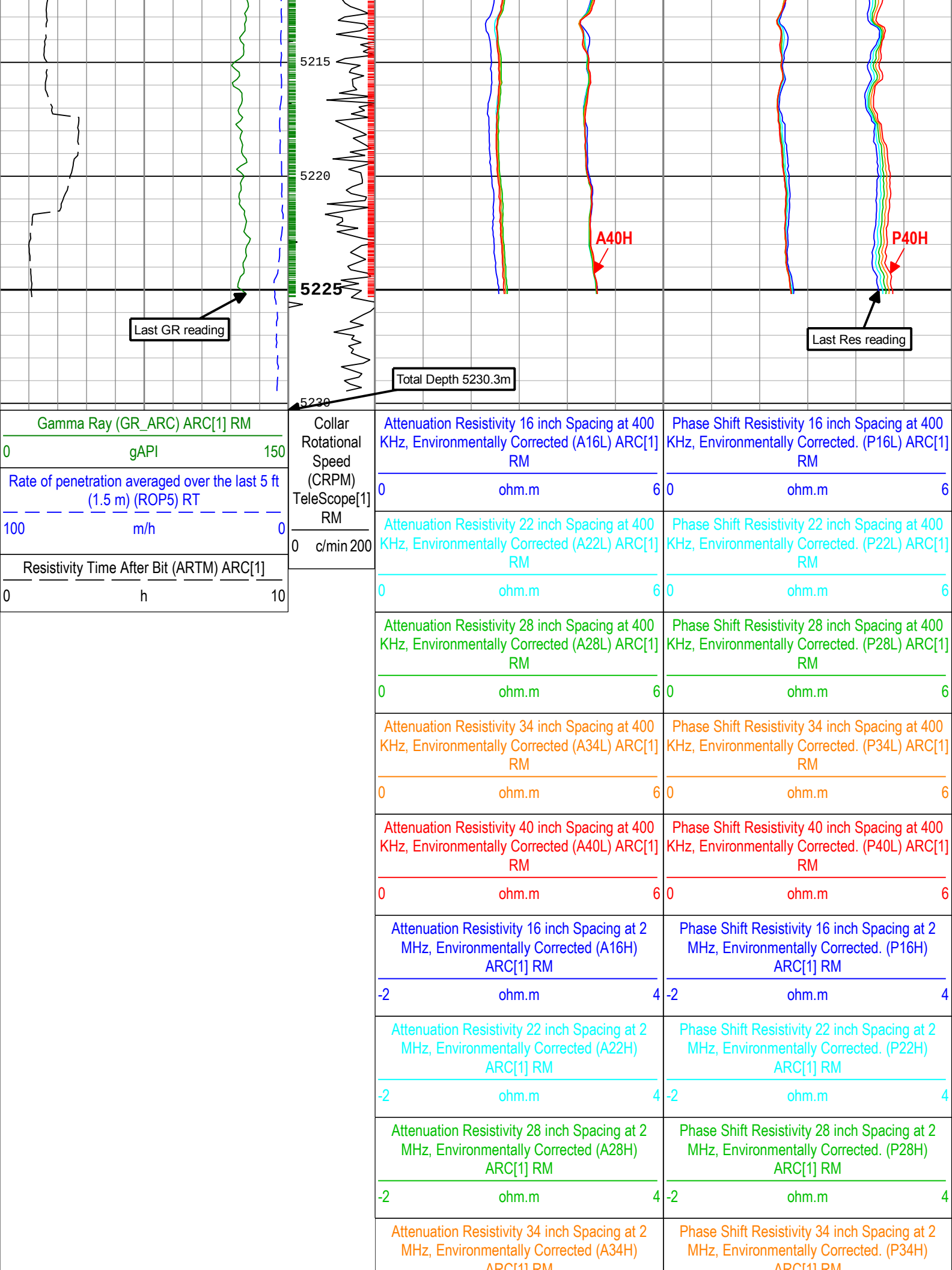




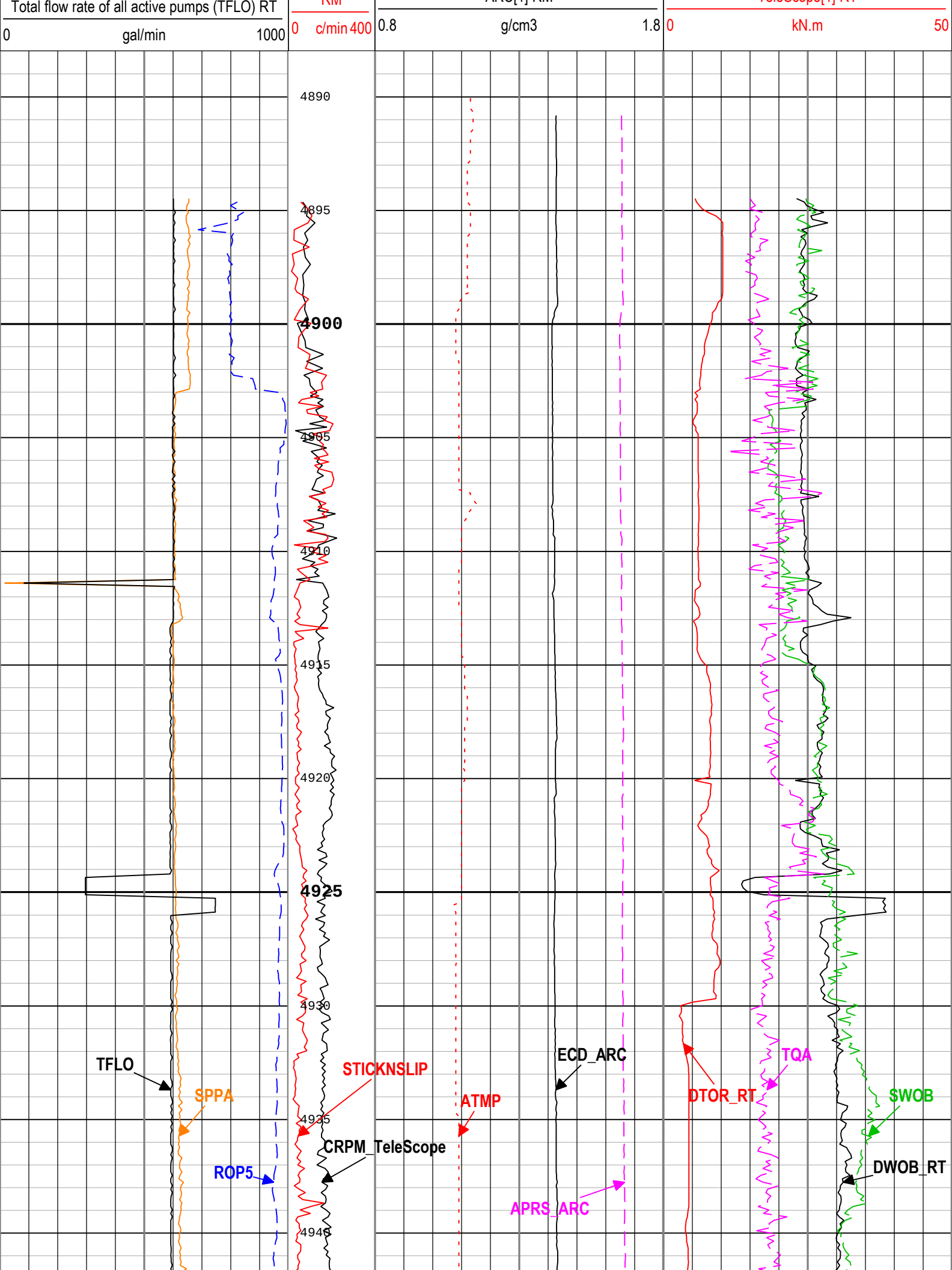


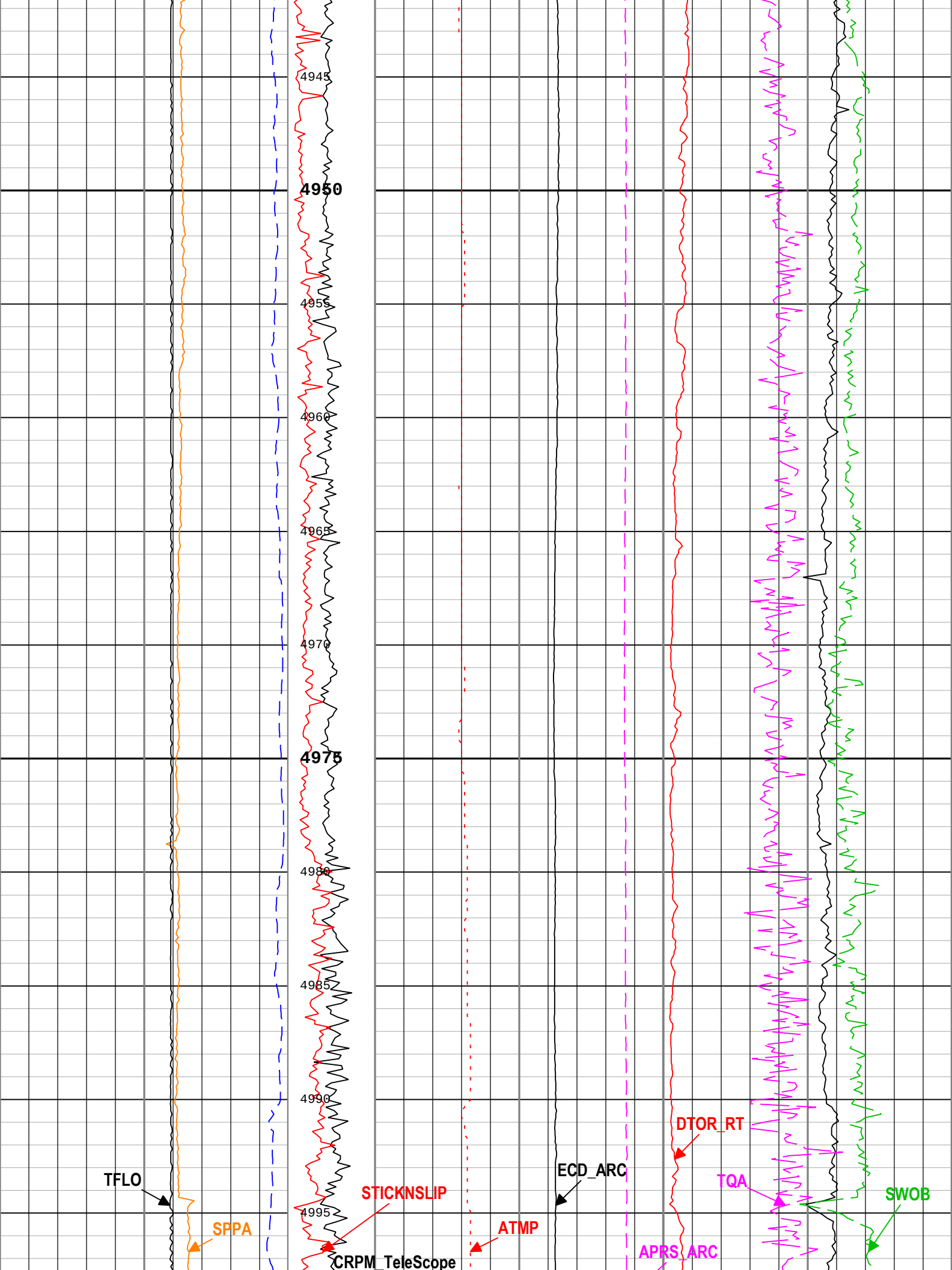


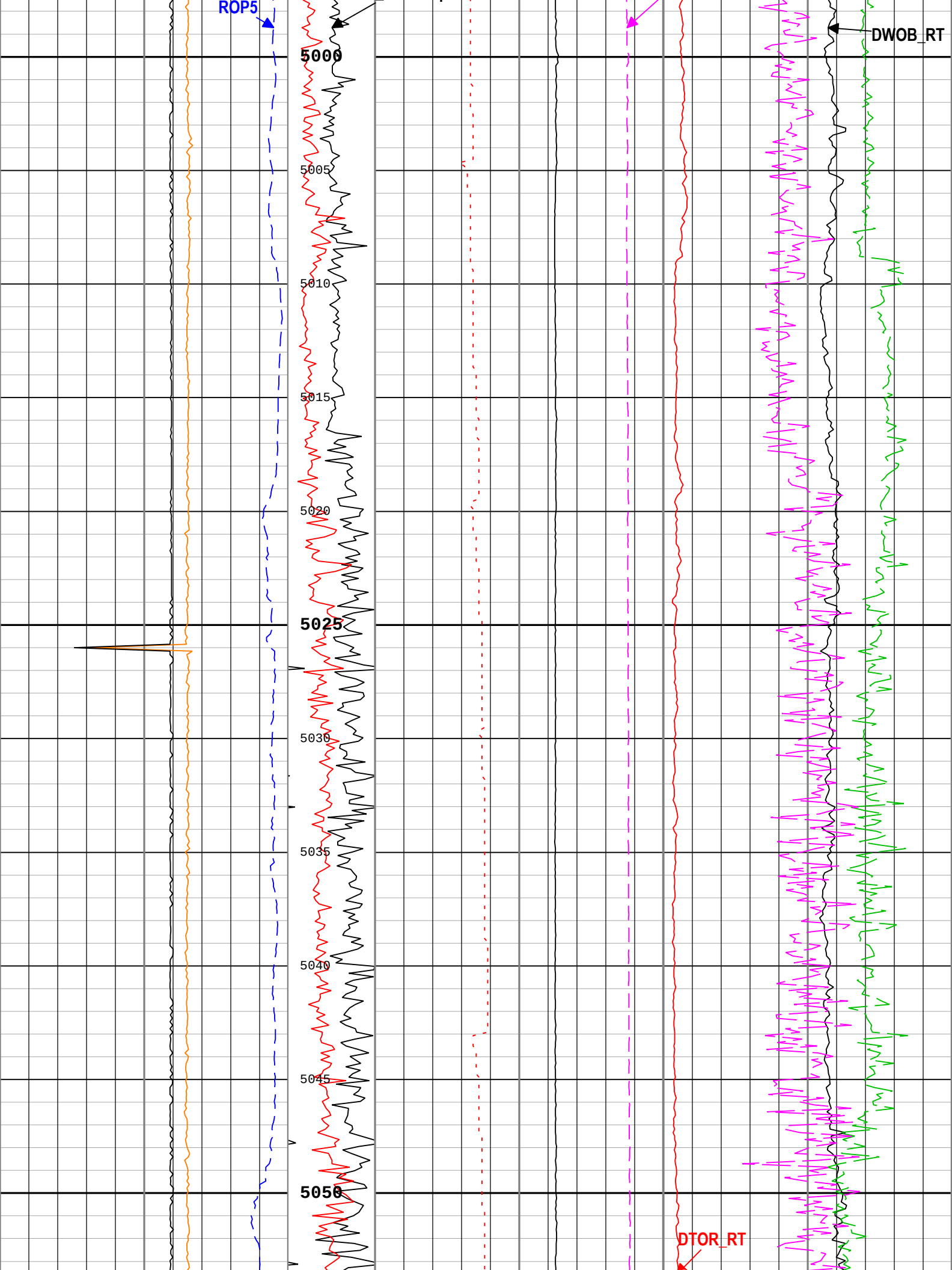


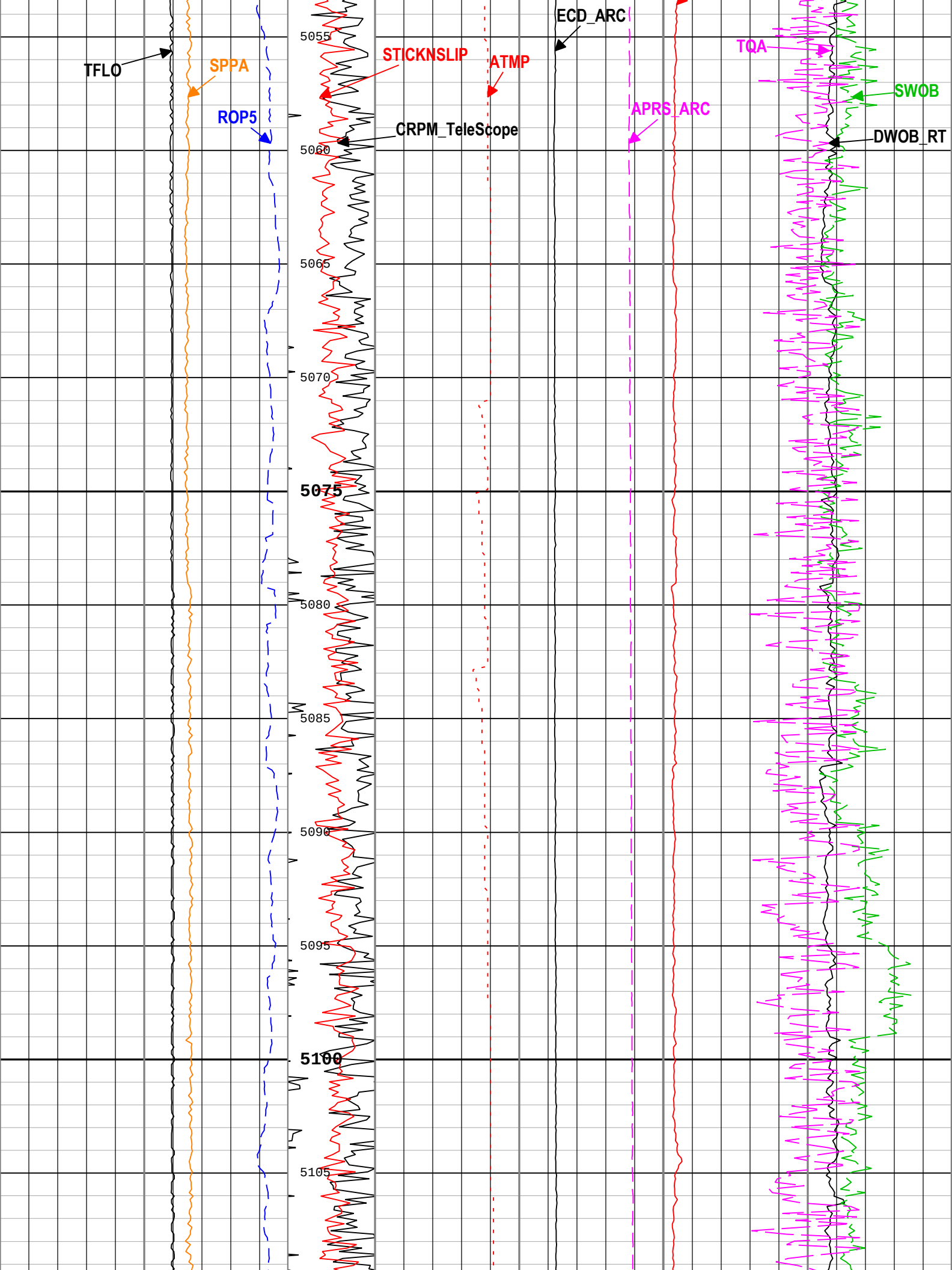


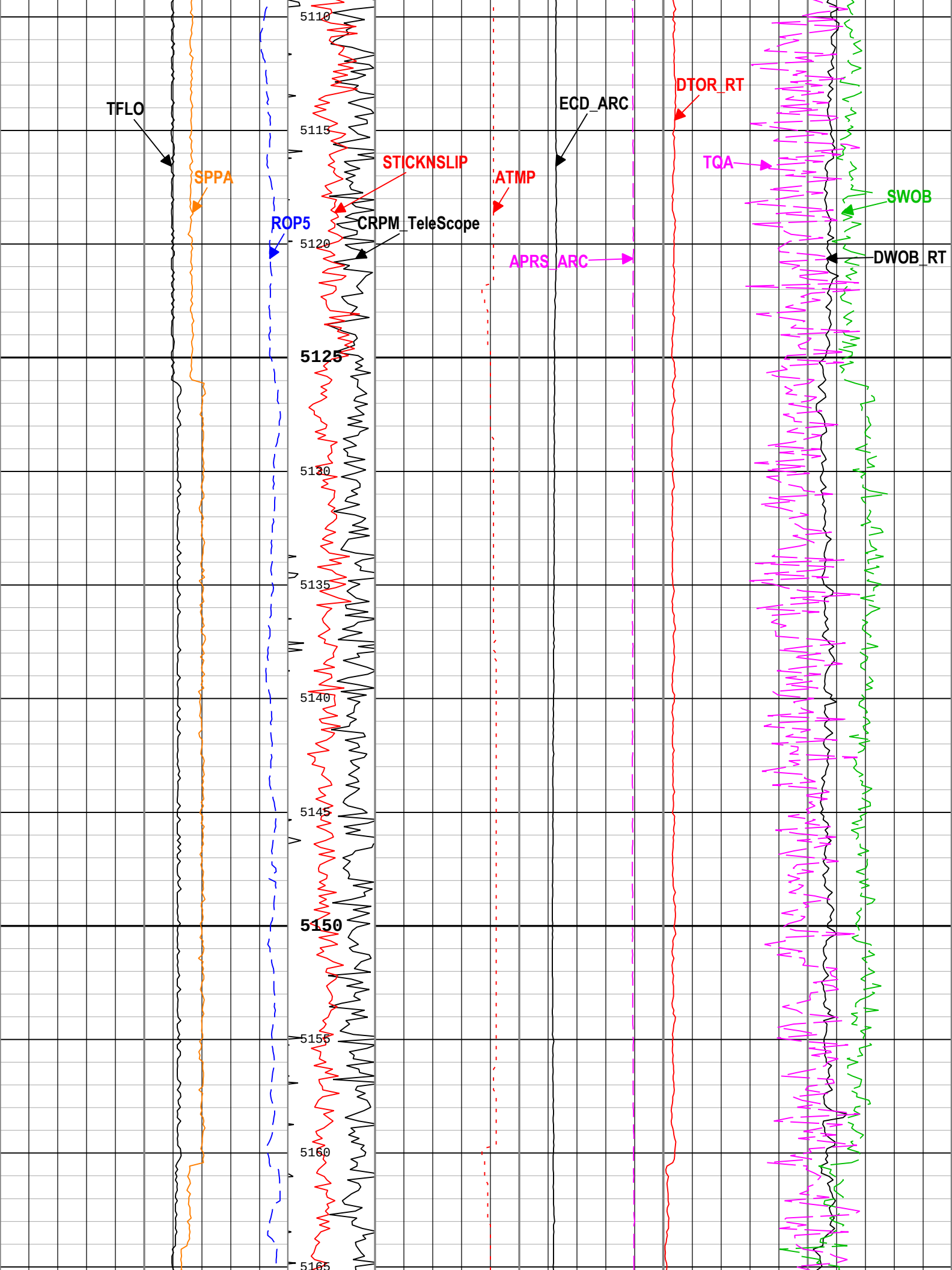
		ARC[1] RM		-2	ohm.m	4	ARC[1] RM		-2	ohm.m	4				
		Attenuation Resistivity 40 inch Spacing at 2 MHz, Environmentally Corrected. (A40H) ARC[1] RM				Phase Shift Resistivity 40 inch Spacing at 2 MHz, Environmentally Corrected. (P40H) ARC[1] RM									
				-2	ohm.m	4			-2	ohm.m	4				
└─TICK_ARC_RES - Resistivity Tick Marks ARC[1] RM															
└─TICK_ARC_GR - Gamma Ray Tick Marks ARC[1] RM															
Description: ARC Blended Resistivity 2-Log Format: Log (VISION Resistivity MD) Index Scale: 1:200 Index Unit: m Index Type: Measured Depth Creation Date: 28-Feb-2019 17:29:21															
Channel Processing Parameters															
Run4: Parameters															
Parameter		Description			Tool		Value		Unit						
ABNT		Abnormal Transmitter Indicator			ARC6		NO_TX_FAILED								
BHK		Drilling Fluid Potassium Concentration			Borehole		1.53		%						
BS		Bit Size			DNMSESSION		8.5		in						
DFD		Drilling Fluid Density			Borehole		1.37		g/cm3						
DFT_CATEGORY		Drilling Fluid Type			Borehole		Water								
HIGH_BLEND		High Resistivity Threshold for Blending			ARC6		2		ohm.m						
LOW_BLEND		Low Resistivity Threshold for Blending			ARC6		1		ohm.m						
RMS		Resistivity of Mud Sample			Borehole		0.06		ohm.m						
Tool Control Parameters															
Run4															
Run_4 DML															
Software Version															
Acquisition System						Version									
Maxwell 2018 SP2						8.2.104493.3100									
Application Patch						DnM_TestKit-PD-DHS31-2018-2_8.2.104864									
Composite Summary															
Run Name	Pass Objective	Direction	Top	Bottom	Start	Stop	Include Parallel Data								
Run4	Ream Down 3	Down	4894.35 m	4989.98 m	30-Nov-2018 4:29:32 AM	02-Dec-2018 11:25:02 PM	Yes								
Run4	Drilling	Down	4989.60 m	5229.66 m	27-Nov-2018 9:36:32 AM	09-Dec-2018 5:35:48 AM	Yes								
All depths are referenced to toolstring zero															
Log		Company:JAMSTEC Well:C0002Q Run4:S120													
Description: Format: Log (Drilling Mechanics Log 675 RM MD) Index Scale: 1:200 Index Unit: m Index Type: Measured Depth Creation Date: 28-Feb-2019 17:29:24															
			CRPM_Tele Scope		Downhole Annulus Pressure (APRS_ARC) ARC[1] RM		Downhole Weight on Bit (DWOB_RT) TeleScope[1] RT								
Rate of penetration averaged over the last 5 ft (1.5 m) (ROP5) RT			0 c/min 200		0 MPa 80		-300 kN 300								
50 m/h 0			Stick Slip Indicator (STICKNSLI P) TeleScope[1] RM		Downhole Annulus Temperature (ATMP) ARC[1] RM		Surface Weight On Bit (SWOB) RT								
Standpipe Pressure (SPPA) RT			0 degC 100		0 degC 100		-300 kN 300								
0 MPa 30					Equivalent Circulating Density (ECD_ARC) ARC[1] RM		Surface Torque (TQA) RT								
							0 kN.m 50								
							Downhole Torque (MWD) (DTOR_RT) TeleScope[1] RT								

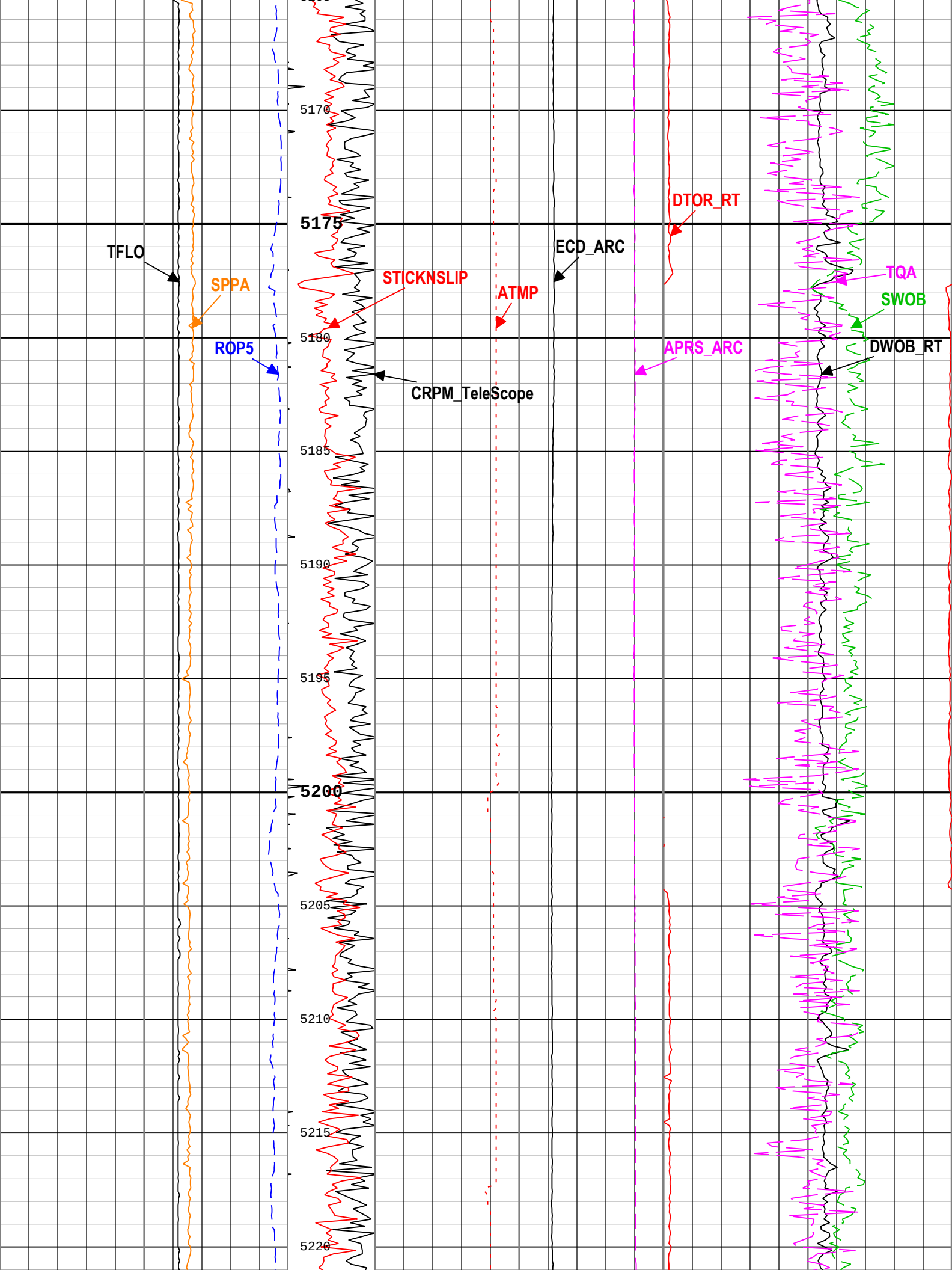


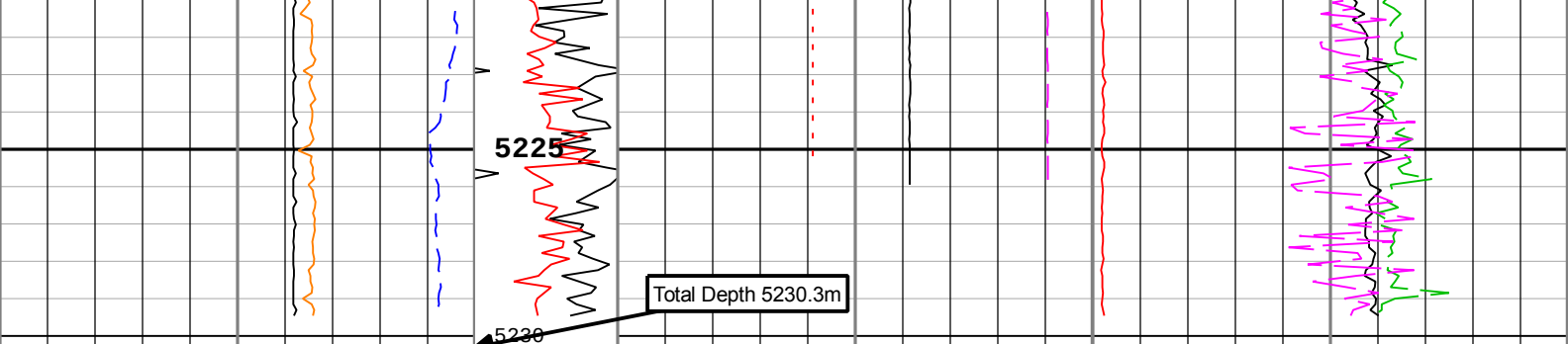












Rate of penetration averaged over the last 5 ft (1.5 m) (ROP5) RT	CRPM_Tele Scope	Downhole Annulus Pressure (APRS_ARC) ARC[1] RM	Downhole Weight on Bit (DWOB_RT) TeleScope[1] RT
50 m/h 0	0 c/min 200	0 MPa 80	-300 kN 300
Standpipe Pressure (SPPA) RT	Stick Slip Indicator (STICKNSLI P)	Downhole Annulus Temperature (ATMP) ARC[1] RM	Surface Weight On Bit (SWOB) RT
0 MPa 30	TeleScope[1] RM	0 degC 100	-300 kN 300
Total flow rate of all active pumps (TFLO) RT	0 c/min 400	Equivalent Circulating Density (ECD_ARC) ARC[1] RM	Surface Torque (TQA) RT
0 gal/min 1000		0.8 g/cm3 1.8	0 kN.m 50
			Downhole Torque (MWD) (DTOR_RT) TeleScope[1] RT
			0 kN.m 50

Description: Format: Log (Drilling Mechanics Log 675 RM MD) Index Scale: 1:200 Index Unit: m Index Type: Measured Depth Creation Date: 28-Feb-2019 17:29:24

Channel Processing Parameters

Run4: Parameters

Parameter	Description	Tool	Value	Unit
DEPTH_SEL	Depth Selection Parameter	DNMSESSION	Driller's Depth	
DFD	Drilling Fluid Density	Borehole	1.37	g/cm3
FLEV	Depth of Drilling Fluid Level to LMF (Log Measured From)	Borehole	3	m
RHO_SEAWATER	Density of the Sea Water	Borehole	1.022	g/cm3
SF_FLAG	Mud Return to Sea Floor (No Riser)?	Borehole	No	

Tool Control Parameters

Run4: Parameters

Parameter	Description	Tool	Value	Unit
DTOF	DTOR Offset	TELE675-IWOB	Time Zoned	kN.m
DWOB_BETA	DWOB Beta Pressure Correction Factor	TELE675-IWOB	Time Zoned	
DWOF	DWOB Offset	TELE675-IWOB	Time Zoned	kN
DWOB_ZERO TOOLP	DWOB Differential Pressure Drop at Zero Weight-on-Bit	TELE675-IWOB	Time Zoned	MPa
OFFBTM_TH	Threshold for deciding whether the bit is off bottom	DNMSESSION	0.4	m

Run4Time Zoned Parameters

Pass Drilling

Parameter	Value	Start Time	Stop Time	Start Depth (m)	Stop Depth (m)
DTOF	-26.97	27-Nov-2018 09:36:32	03-Dec-2018 09:20:58	4989.601	5008.905
DTOF	-27.58	03-Dec-2018 09:20:58	04-Dec-2018 04:10:14	5008.905	5047.285
DTOF	-27.46	04-Dec-2018 04:10:14	05-Dec-2018 00:42:02	5047.285	5094.783
DTOF	-27.58	05-Dec-2018 00:42:02	06-Dec-2018 03:52:29	5094.783	5164.125
DTOF	-26.97	06-Dec-2018 03:52:29	06-Dec-2018 04:32:05	5164.125	5164.125
DTOF	-27.09	06-Dec-2018 04:32:05	07-Dec-2018 02:56:52	5164.125	5204.384
DTOF	-25.62	07-Dec-2018 02:56:52	08-Dec-2018 05:25:48	5204.384	5229.657

DFOB	-25.62	07-Dec-2018 02:56:52	09-Dec-2018 05:35:48	5204.384	5229.657
DWOB_BETA	2.77	27-Nov-2018 09:36:32	03-Dec-2018 09:24:48	4989.601	5008.905
DWOB_BETA	2.98	03-Dec-2018 09:24:48	04-Dec-2018 04:13:57	5008.905	5047.285
DWOB_BETA	2.96	04-Dec-2018 04:13:57	04-Dec-2018 04:14:34	5047.285	5047.285
DWOB_BETA	2.96	04-Dec-2018 04:14:34	05-Dec-2018 00:45:59	5047.285	5094.783
DWOB_BETA	2.97	05-Dec-2018 00:45:59	06-Dec-2018 03:57:07	5094.783	5164.125
DWOB_BETA	2.75	06-Dec-2018 03:57:07	06-Dec-2018 03:57:45	5164.125	5164.125
DWOB_BETA	2.77	06-Dec-2018 03:57:45	06-Dec-2018 03:57:51	5164.125	5164.125
DWOB_BETA	2.77	06-Dec-2018 03:57:51	06-Dec-2018 03:58:16	5164.125	5164.125
DWOB_BETA	2.78	06-Dec-2018 03:58:16	07-Dec-2018 03:01:07	5164.125	5204.384
DWOB_BETA	2.68	07-Dec-2018 03:01:07	07-Dec-2018 03:03:47	5204.384	5204.384
DWOB_BETA	2.67	07-Dec-2018 03:03:47	07-Dec-2018 12:13:02	5204.384	5221.656
DWOB_BETA	2.75	07-Dec-2018 12:13:02	09-Dec-2018 05:35:48	5221.656	5229.657
DWOF	-531.56	27-Nov-2018 09:36:32	03-Dec-2018 09:24:48	4989.601	5008.905
DWOF	-536.01	03-Dec-2018 09:24:48	06-Dec-2018 03:57:45	5008.905	5164.125
DWOF	-538.23	06-Dec-2018 03:57:45	06-Dec-2018 03:57:51	5164.125	5164.125
DWOF	-536.01	06-Dec-2018 03:57:51	07-Dec-2018 03:01:07	5164.125	5204.384
DWOF	-533.79	07-Dec-2018 03:01:07	07-Dec-2018 03:03:47	5204.384	5204.384
DWOF	-531.56	07-Dec-2018 03:03:47	09-Dec-2018 05:35:48	5204.384	5229.657
DWOB_ZEROOOLP	4.91	27-Nov-2018 09:36:32	03-Dec-2018 09:24:48	4989.601	5008.905
DWOB_ZEROOOLP	4.91	03-Dec-2018 09:24:48	04-Dec-2018 04:13:57	5008.905	5047.285
DWOB_ZEROOOLP	4.93	04-Dec-2018 04:13:57	04-Dec-2018 04:14:34	5047.285	5047.285
DWOB_ZEROOOLP	4.93	04-Dec-2018 04:14:34	05-Dec-2018 00:45:59	5047.285	5094.783
DWOB_ZEROOOLP	4.99	05-Dec-2018 00:45:59	06-Dec-2018 03:57:07	5094.783	5164.125
DWOB_ZEROOOLP	5.21	06-Dec-2018 03:57:07	06-Dec-2018 03:57:45	5164.125	5164.125
DWOB_ZEROOOLP	5.22	06-Dec-2018 03:57:45	06-Dec-2018 03:57:51	5164.125	5164.125
DWOB_ZEROOOLP	5.22	06-Dec-2018 03:57:51	06-Dec-2018 03:58:16	5164.125	5164.125
DWOB_ZEROOOLP	5.22	06-Dec-2018 03:58:16	07-Dec-2018 03:01:07	5164.125	5204.384
DWOB_ZEROOOLP	5.36	07-Dec-2018 03:01:07	07-Dec-2018 03:03:47	5204.384	5204.384
DWOB_ZEROOOLP	5.26	07-Dec-2018 03:03:47	07-Dec-2018 12:13:02	5204.384	5221.656
DWOB_ZEROOOLP	5.36	07-Dec-2018 12:13:02	09-Dec-2018 05:35:48	5221.656	5229.657
Pass Ream Down 3					
DFOB	-20.87	30-Nov-2018 04:29:32	01-Dec-2018 09:01:40	4894.411	4929.886
DFOB	-26.72	01-Dec-2018 09:01:40	02-Dec-2018 03:59:46	4929.886	4967.122
DFOB	-26.97	02-Dec-2018 03:59:46	02-Dec-2018 23:25:02	4967.122	4989.966
DWOB_BETA	3.36	30-Nov-2018 04:29:32	01-Dec-2018 09:04:35	4894.411	4929.886
DWOB_BETA	2.72	01-Dec-2018 09:04:35	02-Dec-2018 04:02:45	4929.886	4967.122
DWOB_BETA	2.77	02-Dec-2018 04:02:45	02-Dec-2018 23:25:02	4967.122	4989.966
DWOF	-564.92	30-Nov-2018 04:29:32	01-Dec-2018 09:04:35	4894.411	4929.886
DWOF	-531.56	01-Dec-2018 09:04:35	02-Dec-2018 23:25:02	4929.886	4989.966
DWOB_ZEROOOLP	2.76	30-Nov-2018 04:29:32	01-Dec-2018 09:04:35	4894.411	4929.886
DWOB_ZEROOOLP	4.91	01-Dec-2018 09:04:35	02-Dec-2018 04:02:45	4929.886	4967.122
DWOB_ZEROOOLP	4.91	02-Dec-2018 04:02:45	02-Dec-2018 23:25:02	4967.122	4989.966
All depth are at tool zero.					

Calibration Report

ARC6 (Array Resistivity Compensated 675) Calibration - Run Run4

Primary Equipment :			Elec. Chassis HP with AIM Receiver			AREA		208	
---------------------	--	--	------------------------------------	--	--	------	--	-----	--

RESAIRCAL - Resistivity: Air

Master (Time Frame File): 23:57:48 28-Oct-2018

Measurement	Unit	Phase	Nominal	Low Limit	Actual	High Limit	
Attenuation T1 at 2 MHz	dB	Master	8.500	6.500	8.223	10.500	
Attenuation T2 at 2 MHz	dB	Master	6.500	4.500	6.736	8.500	
Attenuation T3 at 2 MHz	dB	Master	4.500	2.500	4.846	6.500	
Attenuation T4 at 2 MHz	dB	Master	4.600	2.600	4.648	6.600	
Attenuation T5 at 2 MHz	dB	Master	3.600	1.600	3.403	5.600	
Phase Shift T1 at 2 MHz	deg	Master	0.100	-3.900	0.005	4.100	
Phase Shift T2 at 2 MHz	deg	Master	0.100	-3.900	0.026	4.100	
Phase Shift T3 at 2 MHz	deg	Master	0.100	-3.900	-0.057	4.100	
Phase Shift T4 at 2 MHz	deg	Master	0.100	-3.900	0.019	4.100	
Phase Shift T5 at 2 MHz	deg	Master	0.100	-3.900	-0.048	4.100	
Attenuation T1 at 400 KHz	dB	Master	8.500	6.500	8.189	10.500	
Attenuation T2 at 400 KHz	dB	Master	6.500	4.500	6.784	8.500	
Attenuation T3 at 400 KHz	dB	Master	4.500	2.500	4.802	6.500	
Attenuation T4 at 400 KHz	dB	Master	4.600	2.600	4.679	6.600	
Attenuation T5 at 400 KHz	dB	Master	3.600	1.600	3.367	5.600	
Phase Shift T1 at 400 KHz	deg	Master	0.100	-3.900	1.036	4.100	
Phase Shift T2 at 400 KHz	deg	Master	0.100	-3.900	-1.137	4.100	
Phase Shift T3 at 400 KHz	deg	Master	0.100	-3.900	1.070	4.100	
Phase Shift T4 at 400 KHz	deg	Master	0.100	-3.900	-1.108	4.100	
Phase Shift T5 at 400 KHz	deg	Master	0.100	-3.900	1.054	4.100	

GRGAIN - Gamma Ray: Blanket

Master (Time Frame File): 18:58:13 29-Oct-2018

Measurement	Unit	Phase	Nominal	Low Limit	Actual	High Limit	
Gamma Ray Calibration Gain		Master	1.000	0.580	1.119	1.250	

Company: JAMSTEC

Well: C0002Q

Field: C0002

Rig Name: D/V Chikyu

Prefecture: Wakayama

Country: Japan



Schlumberger

VISION Resistivity

Gamma Ray - Resistivity

Recorded Mode log, Measured Depth 1:200