

Schlumberger

VISION Resistivity

1:500 Measured Depth

Recorded Mode Data

Company: ROC Oil

Well: Basker 7

Field: Gippsland Basin

Rig Name: Ocean Patriot

State: Victoria

Country: AUSTRALIA

Latitude: 38° 17' 58.78" S

Longitude: 148° 42' 22.31" E

Block:

FL: Gippsland Basin

FL1: VIC/L26

FL2:

Custom: 09ASQ0007

Rig Name: Ocean Patriot

Rig Type: Semi-Submersible

Log Measured From - Drill Floor: 21.5 m
Permanent Datum - Mean Sea Level



Casing Flange: 152.7 m

Ground Level: 154.2 m

Acquisition Dates: 23 Jul 09 to 24 Jul 09

Print Interval: 200.0(m) to 1061.6(m)

Index Types: Measured Depth

Index Scales: 1:500

Depth Source: Driller Depth

Depth Sensor: DES

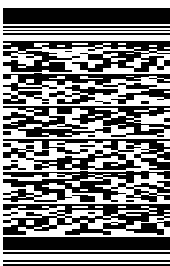
Conveyance: Drill Pipe

Print Type: Field

Spud Date:

Other Services:

Directional Surveys



Disclaimer

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Run 2

BASKER-7_REC_16in_200MD_RUN2_200-1061m

Software Version

Acquisition System		Version	
MaxWell		1.2.8702.0	
Application Patch		APL-SPC-DnMSuperKit-1.2.8702.1000	
Computation	Description	Version	
ARC9GammaRayComputation	ARC9 Gamma Ray Computation Package for both Real-time and Recorded Mode	1.2.8702.0	
ARCResistivity	ARC Resistivity Computation Package for ARC Tool Family	1.2.8702.0	
Tool Elements	Description	Software Version	Firmware Version
ARDC	ARC 9.00 Inch Tool Drilling Collar	1.2.8702.0	V9.4B
DRILLING_SURFACE	DRILLING_SURFACE	1.2.8702.0	

Pass Summary

Run Name	Pass Objective	Direction	Top	Bottom	Acquisition Start Date	Acquisition Start Time
Run 2	Drilling	Down	195.25 m	1061.77 m	23-Jul-2009	02:39:59
All depths are referenced to toolstring zero						

Log

Run 2: Drilling EDDA986A-402A-42B3-AE9E-5F181C5C7AA5

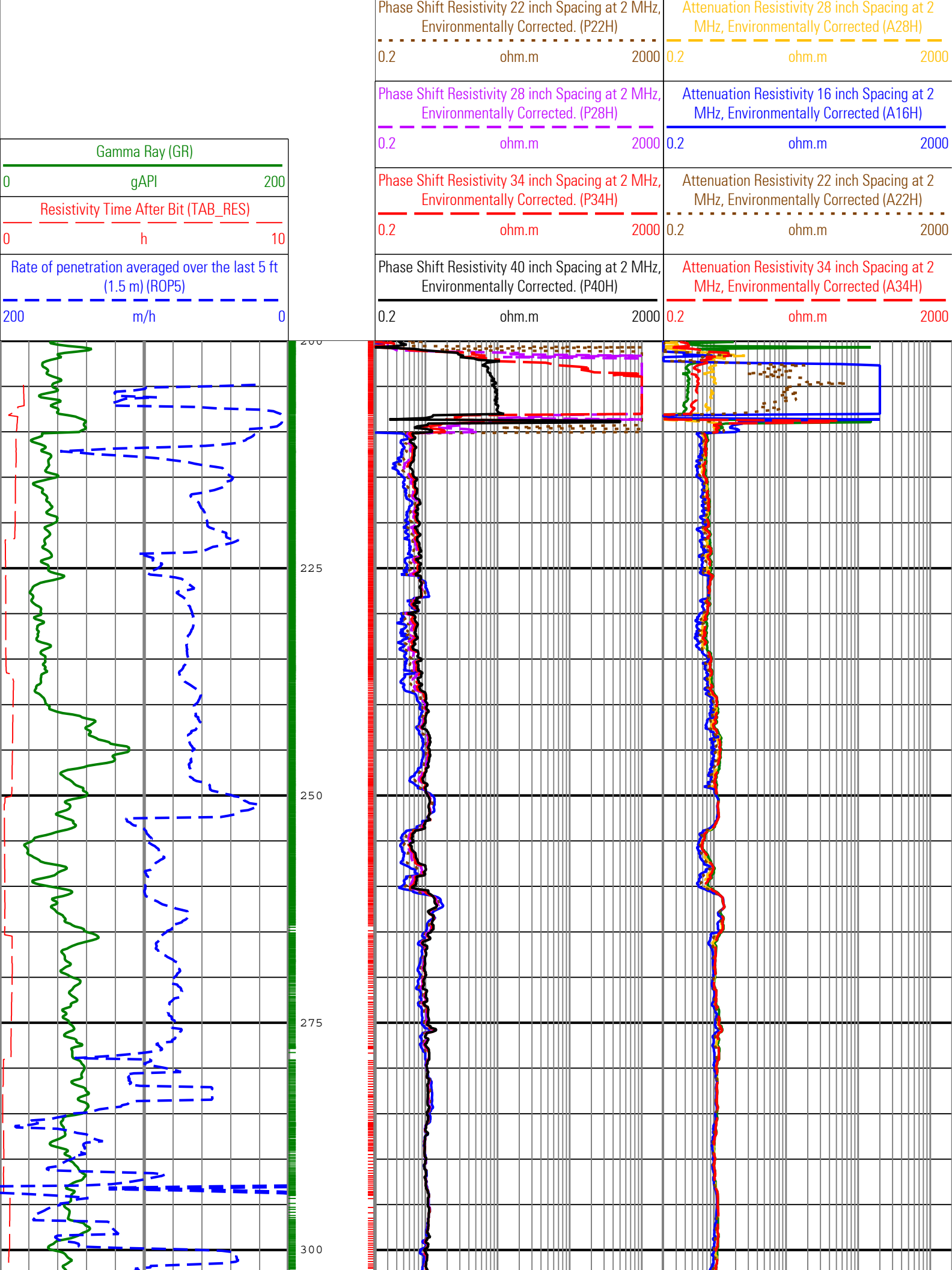
Description: ARC Dual Frequency 3-Log Resistivity Format: Log (ARC RM) Index Scale: 1:500 Index Unit: m Index Type: Measured Depth Creation Date: 24-Jul-2009 18:53:57

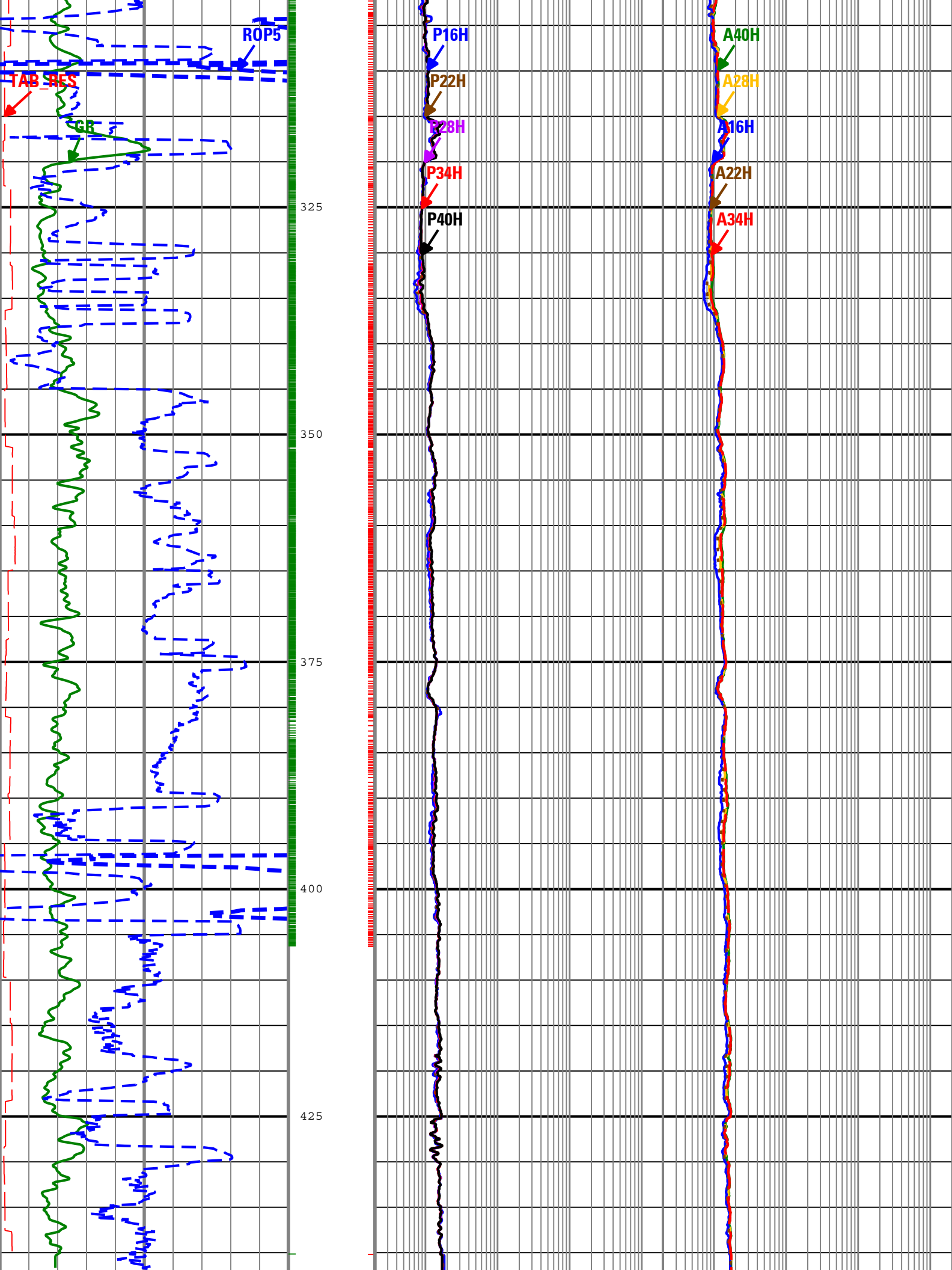
A16H	ARC9:ARC9:ARDC	6in - RM
A22H	ARC9:ARC9:ARDC	6in - RM
A28H	ARC9:ARC9:ARDC	6in - RM
A34H	ARC9:ARC9:ARDC	6in - RM
A40H	ARC9:ARC9:ARDC	6in - RM
GR	ARC9:ARC9:ARDC	6in - RM
P16H	ARC9:ARC9:ARDC	6in - RM
P22H	ARC9:ARC9:ARDC	6in - RM
P28H	ARC9:ARC9:ARDC	6in - RM
P34H	ARC9:ARC9:ARDC	6in - RM
P40H	ARC9:ARC9:ARDC	6in - RM
ROP5	DRILLING_SURFACE	6in - RT
TAB_RES	ARC9:ARC9:ARDC	6in
TICKS_GR	ARC9:ARC9	1in - RM
TICKS_RES	ARC9:ARC9	1in - RM

┆ TICKS_GR - Gamma Ray Tick Marks

┆ TICKS_RES - Resistivity Tick Marks

Phase Shift Resistivity 16 inch Spacing at 2 MHz, Environmentally Corrected. (P16H)			Attenuation Resistivity 40 inch Spacing at 2 MHz, Environmentally Corrected. (A40H)		
0.2	ohm.m	2000	0.2	ohm.m	2000





ROP5

TAB RES

325

350

375

400

425

P16H

P22H

P28H

P34H

P40H

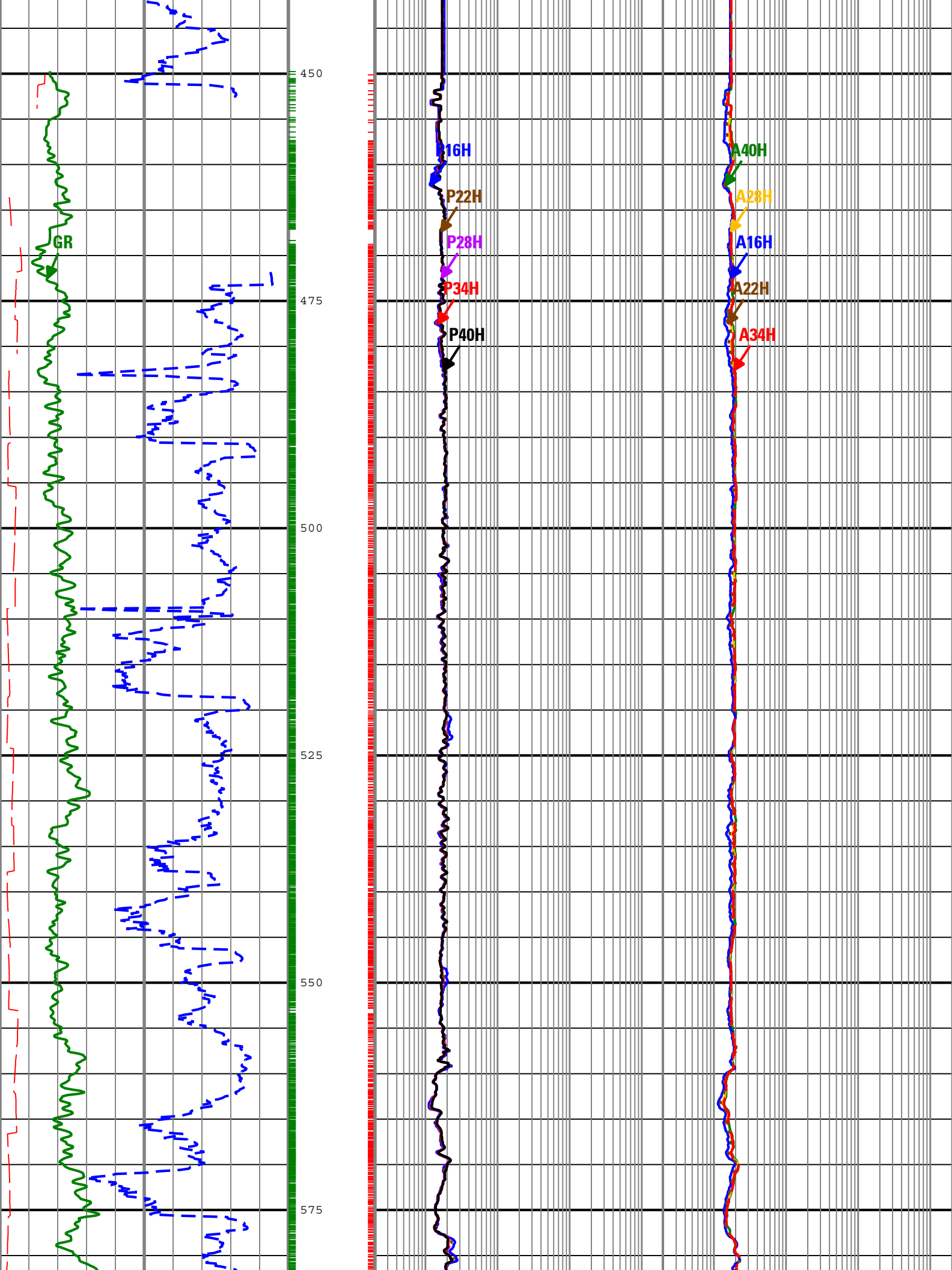
A40H

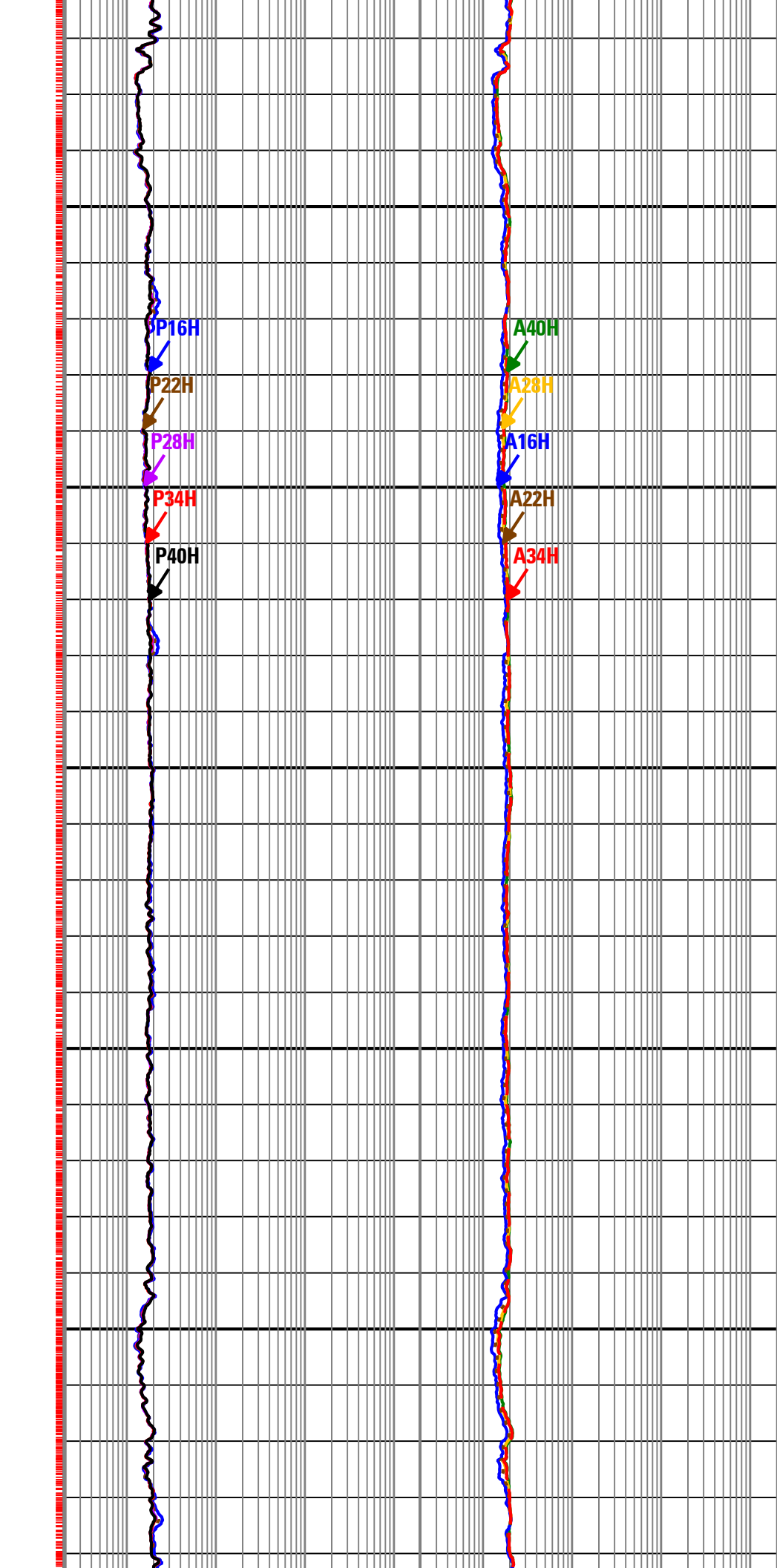
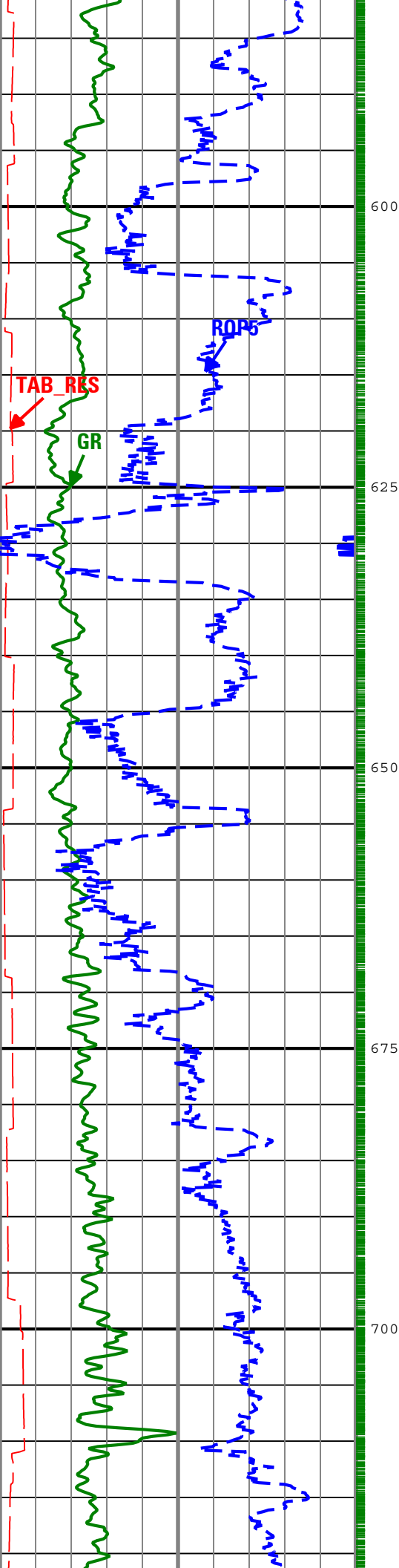
A28H

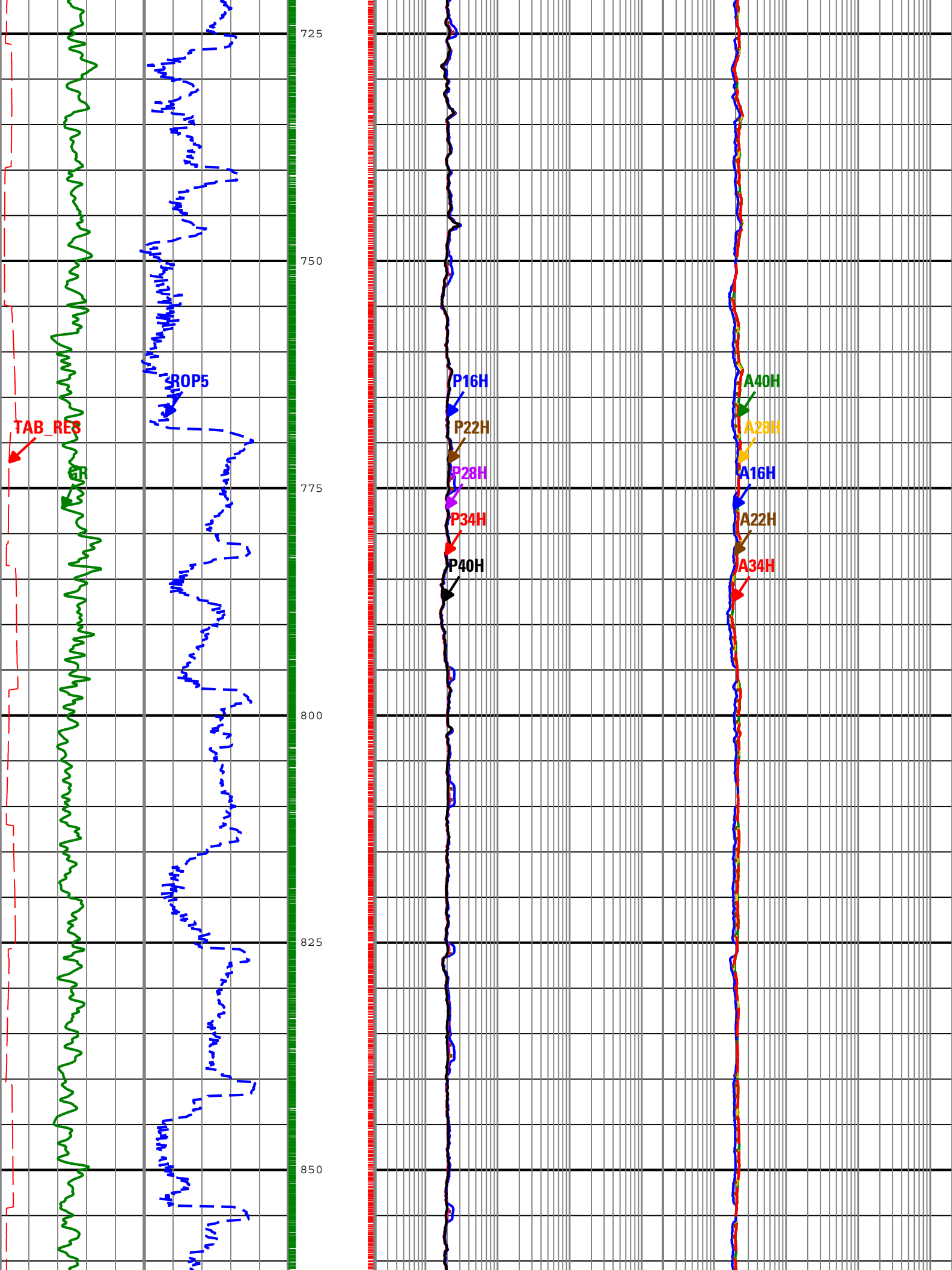
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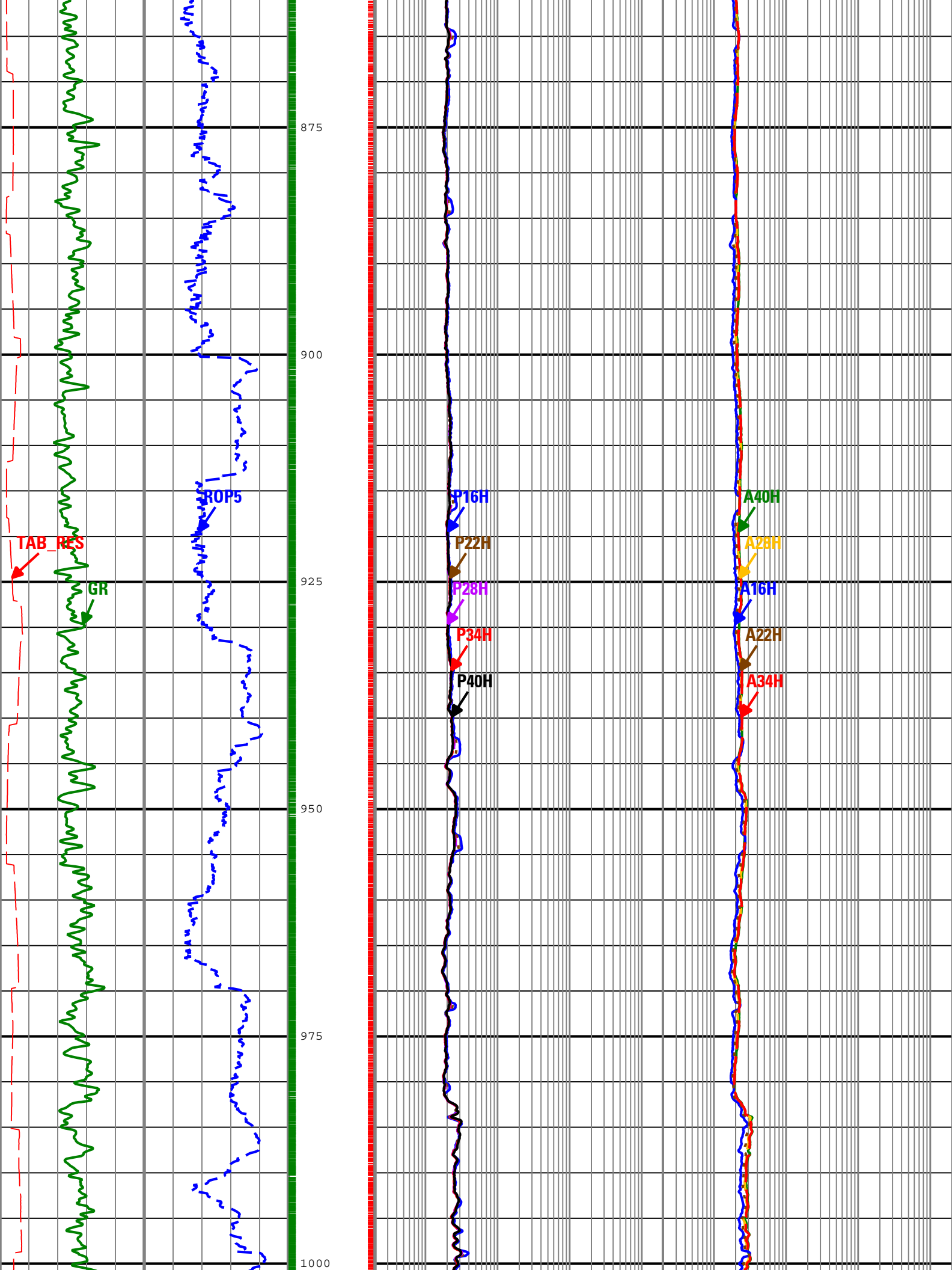
A22H

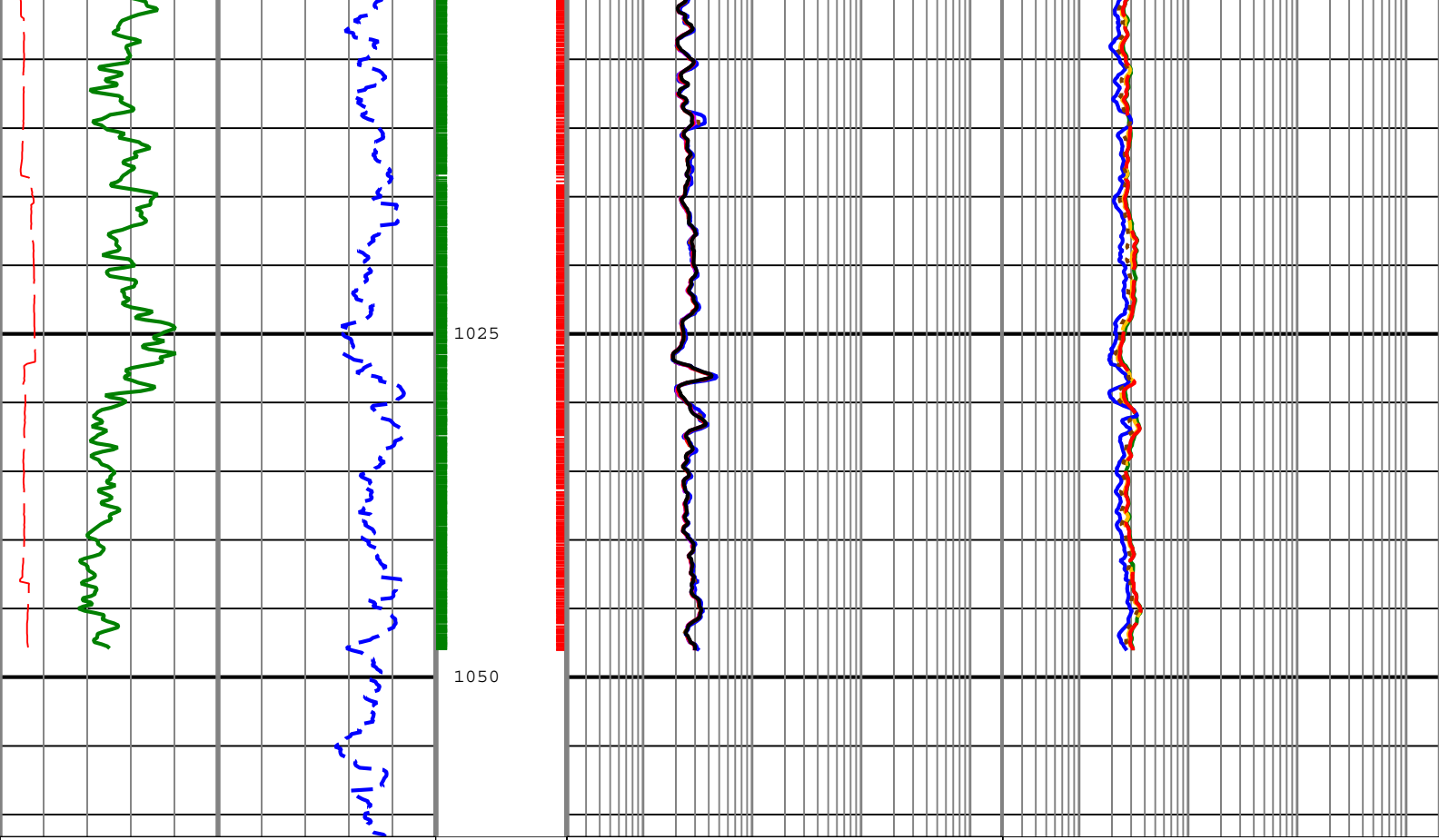
A34H











Gamma Ray (GR)		
0	gAPI	200
Resistivity Time After Bit (TAB_RES)		
0	h	10
Rate of penetration averaged over the last 5 ft (1.5 m) (ROP5)		
200	m/h	0

Phase Shift Resistivity 16 inch Spacing at 2 MHz, Environmentally Corrected. (P16H)		
0.2	ohm.m	2000
Phase Shift Resistivity 22 inch Spacing at 2 MHz, Environmentally Corrected. (P22H)		
0.2	ohm.m	2000
Phase Shift Resistivity 28 inch Spacing at 2 MHz, Environmentally Corrected. (P28H)		
0.2	ohm.m	2000
Phase Shift Resistivity 34 inch Spacing at 2 MHz, Environmentally Corrected. (P34H)		
0.2	ohm.m	2000
Phase Shift Resistivity 40 inch Spacing at 2 MHz, Environmentally Corrected. (P40H)		
0.2	ohm.m	2000

Attenuation Resistivity 40 inch Spacing at 2 MHz, Environmentally Corrected. (A40H)		
0.2	ohm.m	2000
Attenuation Resistivity 28 inch Spacing at 2 MHz, Environmentally Corrected (A28H)		
0.2	ohm.m	2000
Attenuation Resistivity 16 inch Spacing at 2 MHz, Environmentally Corrected (A16H)		
0.2	ohm.m	2000
Attenuation Resistivity 22 inch Spacing at 2 MHz, Environmentally Corrected (A22H)		
0.2	ohm.m	2000
Attenuation Resistivity 34 inch Spacing at 2 MHz, Environmentally Corrected (A34H)		
0.2	ohm.m	2000

┆ TICKS_RES - Resistivity Tick Marks
┆ TICKS_GR - Gamma Ray Tick Marks

Description: ARC Dual Frequency 3-Log Resistivity Format: Log (ARC RM) Index Scale: 1:500 Index Unit: m Index Type: Measured Depth Creation Date: 24-Jul-2009 18:53:57

Channel Processing Parameters				
Parameter	Description	ToolPath	Value	Unit
BHK	Drilling Fluid Potassium Concentration	Borehole	0	%
BHT	Bottom Hole Temperature	Borehole	30	degC
BS	Bit Size	COMPLETION	Depth Zoned	in
DFD	Drilling Fluid Density	Borehole	1.05	g/cm3
DFT	Drilling Fluid Type	Borehole	Water	

GGRD	Geothermal Gradient	Borehole	18.23	degC/km
GRSE	Generalized Mud Resistivity Selection	Borehole	Computed (GEN-9)	
GTSE	Generalized Temperature Selection	Borehole	Gradient From Surface	
MST	Mud Sample Temperature	Borehole	20	degC
RMS	Resistivity of Mud Sample	Borehole	0.2	ohm.m
SHT	Surface Hole Temperature	Borehole	20	degC
TEMP_SEL_ARC	ARC Temperature Selection	ARC9:ARC9:ARDC	Annular	

Depth Zone Parameters

Parameter	Value	Start (m)	Stop (m)
BS	36	200	210.1
BS	16	210.1	1061.62

All depth are actual.

Tool Control Parameters

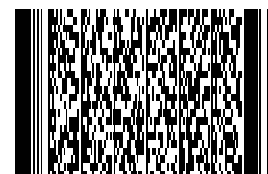
Parameter	Description	ToolPath	Value	Unit
OFFBTM_TH	Threshold for deciding whether the bit is off bottom		Time Zoned	m

Time Zone Parameters

Parameter	Value	Start Time	Stop Time	Start Depth (m)	Stop Depth (m)
OFFBTM_TH	0.5	23-Jul-2009 02:39:59	23-Jul-2009 10:30:46	195.25	453.87
OFFBTM_TH	0	23-Jul-2009 10:30:46	23-Jul-2009 11:29:38	453.87	471.75
OFFBTM_TH	0.5	23-Jul-2009 11:29:38	24-Jul-2009 12:38:55	471.75	1061.77

All depth are at tool zero.

Company:	ROC Oil
Well:	Basker 7
Field:	Gippsland Basin
Rig Name:	Ocean Patriot
State:	Victoria
Country:	AUSTRALIA



	VISION Resistivity 1:500 Measured Depth Recorded Mode Data
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