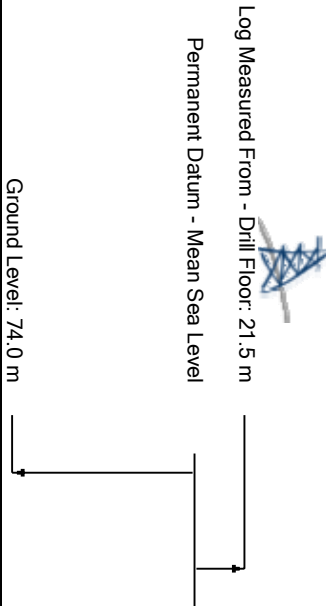


Company: Beach Petroleum
Well: Spikey Beach-1
Field: Ocean Patriot
Rig Name: VIC
State: Australia
Country:

Latitude: 40° 28' 53.9" S
Longitude: 145° 52' 24.71" E
Block: Custom: 09ASQ0029
Rig Name: Ocean Patriot
Rig Type: Semi Submersible

FL: T38/P
FL1:
FL2:



Acquisition Dates:	11 Sep 09	Other Services:
Print Interval:	815.0(m) to 1592.3(m)	Directional Surveys
Index Types:	Measured Depth	
Index Scales:	1:500	
Depth Source:	Driller's Depth	
Depth Sensor:	DES	
Conveyance:	Drill Pipe	
Print Type:	Field	
Spud Date:	07/09/09	

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.

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- 5. Tail

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Run 2

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Software Version

Acquisition System	Version
MaxWell	1.2.8706.0
Framework Patch	FWK-BGC-20090709-1.2.8706.1016
Application Patch	APL-BGC-DnM-1.2.8706.1021

Computation	Description	Version
NEUTRON_PROC	Neutron Processing, ADN	1.2.8706.0
ARC8GammaRayComput ation	ARC8 Gamma Ray Computation Package for both Real-time and Recorded Mode	1.2.8706.1021
ARCResistivity	ARC Resistivity Computation Package for ARC Tool Family	1.2.8706.1021

Tool Elements	Description	Software Version	Firmware Version
ARDC	ARC 8.25 Inch Tool Drilling Collar	1.2.8706.1021	
DRILLING_SURFACE	DRILLING_SURFACE	1.2.8706.1016	
ADNP	Azimuth Neutron Detector Package	1.2.8706.0	8.3

Pass Summary

Run Name	Pass Objective	Direction	Top	Bottom	Acquisition Start Date	Acquisition Start Time
Run 2	Drilling	Down	804.72 m		11-Sep-2009	01:32:19

All depths are referenced to toolstring zero

Log

Run 2: Drilling 52639CA3-504A-487B-8B69-8A76BC19CA9E

Description: ARC Dual Frequency 3-Log Resistivity Format: Log (Spikey Beach-1 RT Quad Combo) Index Scale: 1:500 Index Unit: m Index Type: Measured
Depth Creation Date: 12-Sep-2009 04:57:19

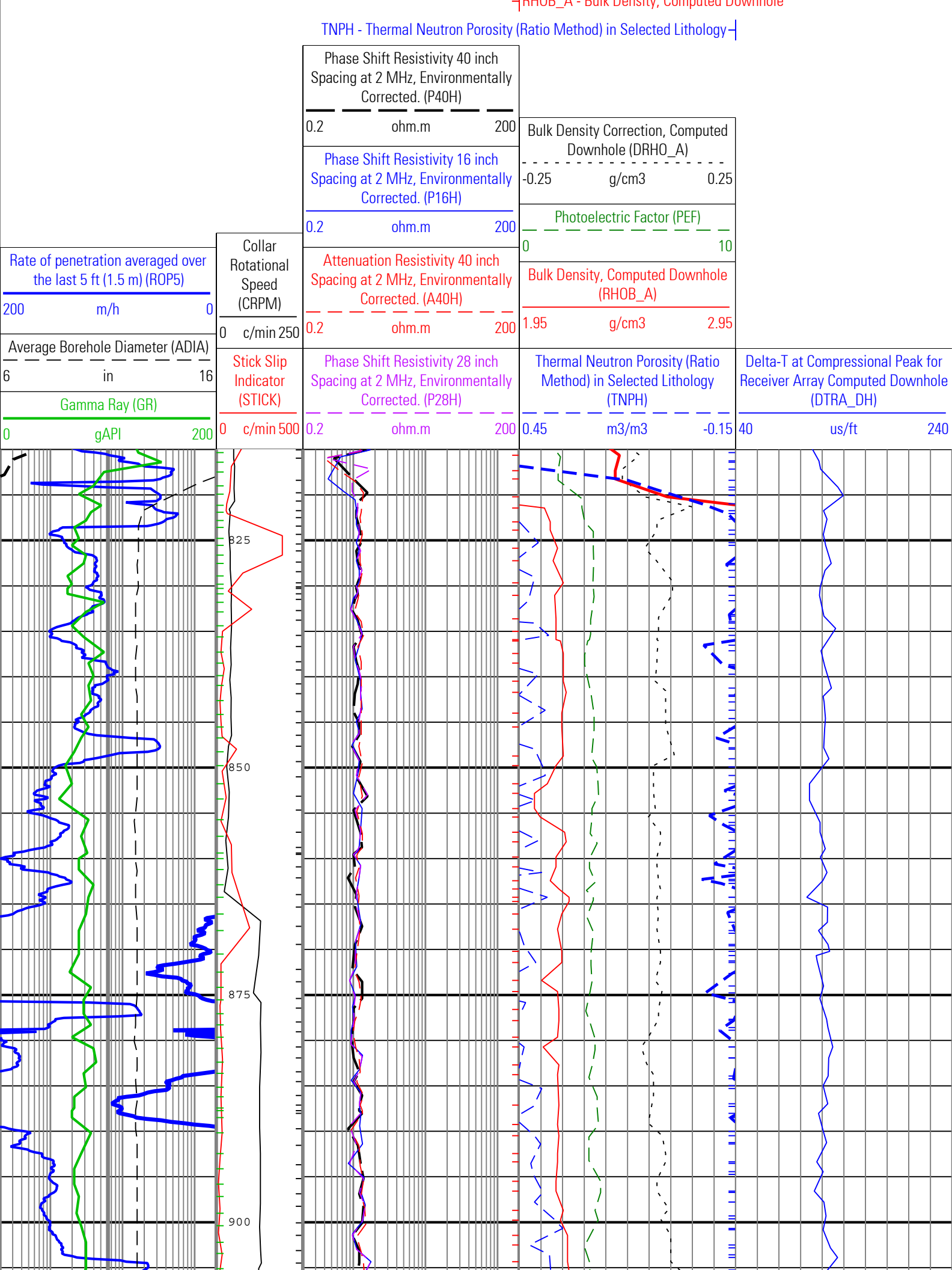
A40H	ARC8:ARC8:ARDC	6in - RT
ADIA	SADN8:SADN8	6in - RT
CRPM	TELE825:TELE825	6in - RT
DRHO_A	SADN8:SADN8	6in - RT
DTRA_DH	SONICVISION8:SONICVISION8	6in - RT
GR	ARC8:ARC8:ARDC	6in - RT
P16H	ARC8:ARC8:ARDC	6in - RT
P28H	ARC8:ARC8:ARDC	6in - RT
P40H	ARC8:ARC8:ARDC	6in - RT
PEF	SADN8:SADN8	6in - RT
RHOB_A	SADN8:SADN8	6in - RT
ROP5	DRILLING_SURFACE	6in - RT
STICK	TELE825:TELE825	6in - RT
TNPH	SADN8:SADN8:ADNP	6in - RT

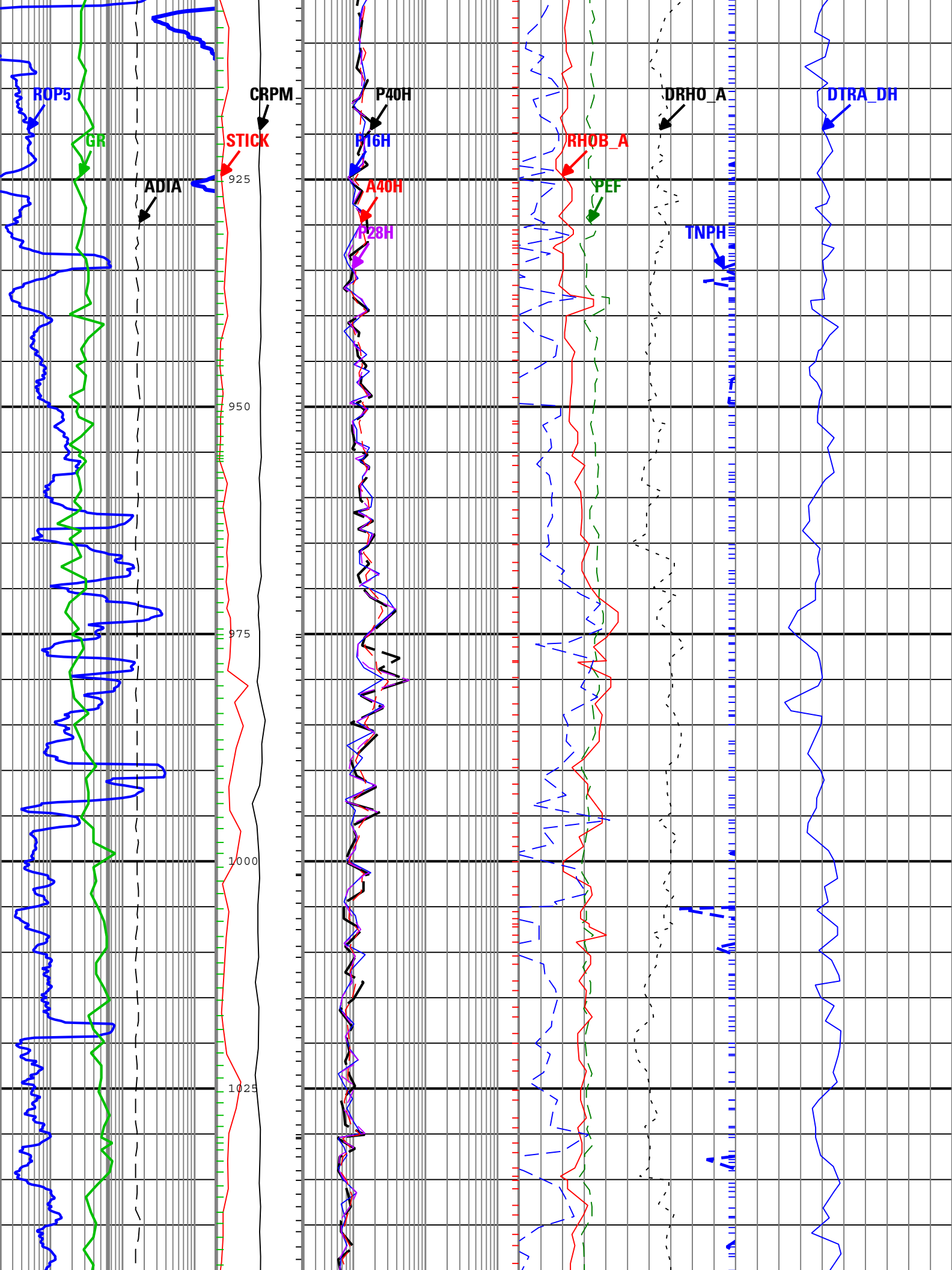
DTRA_DH - Delta-T at Compressional Peak for Receiver Array Computed Downhole

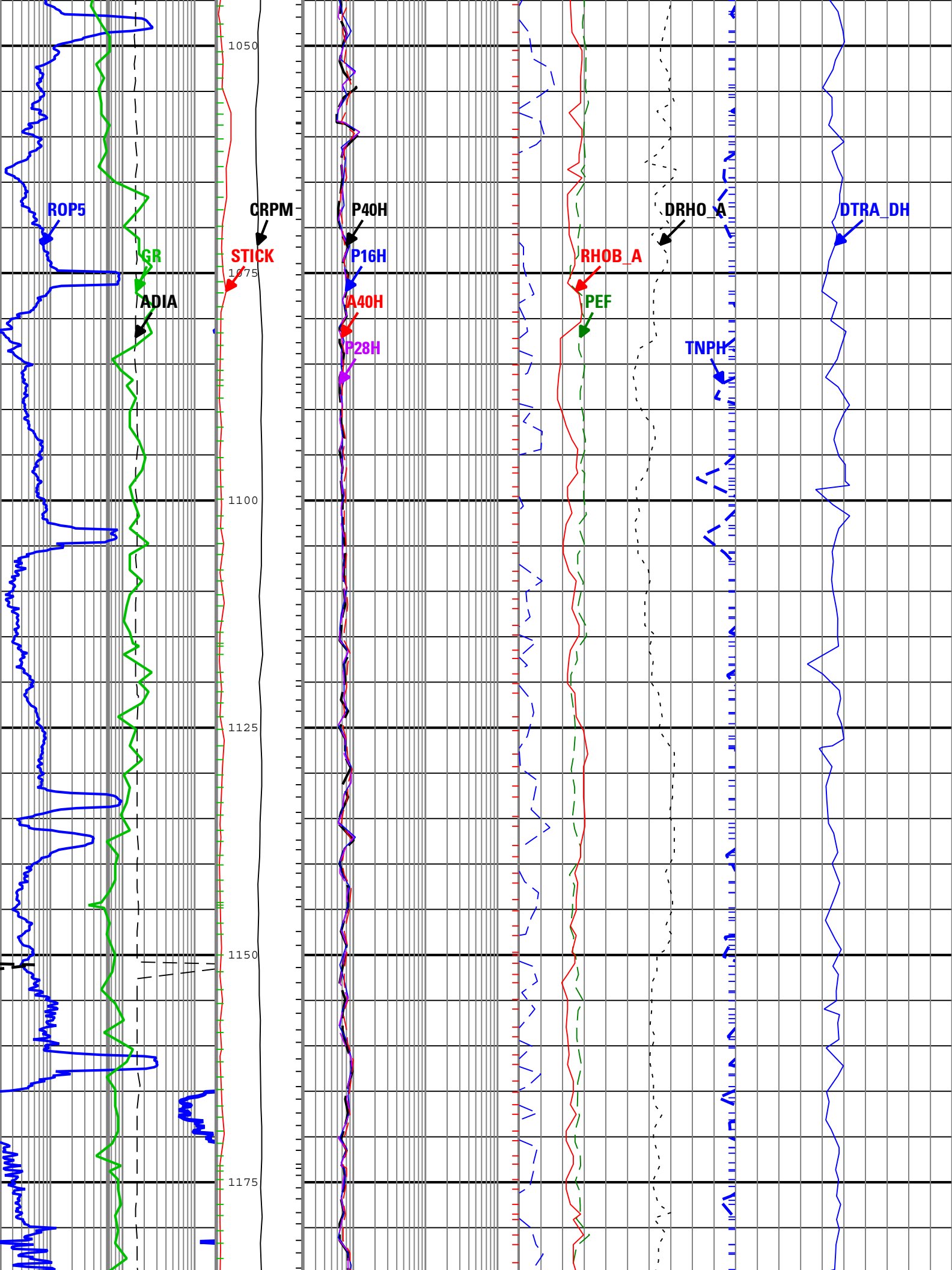
GR - Gamma Ray

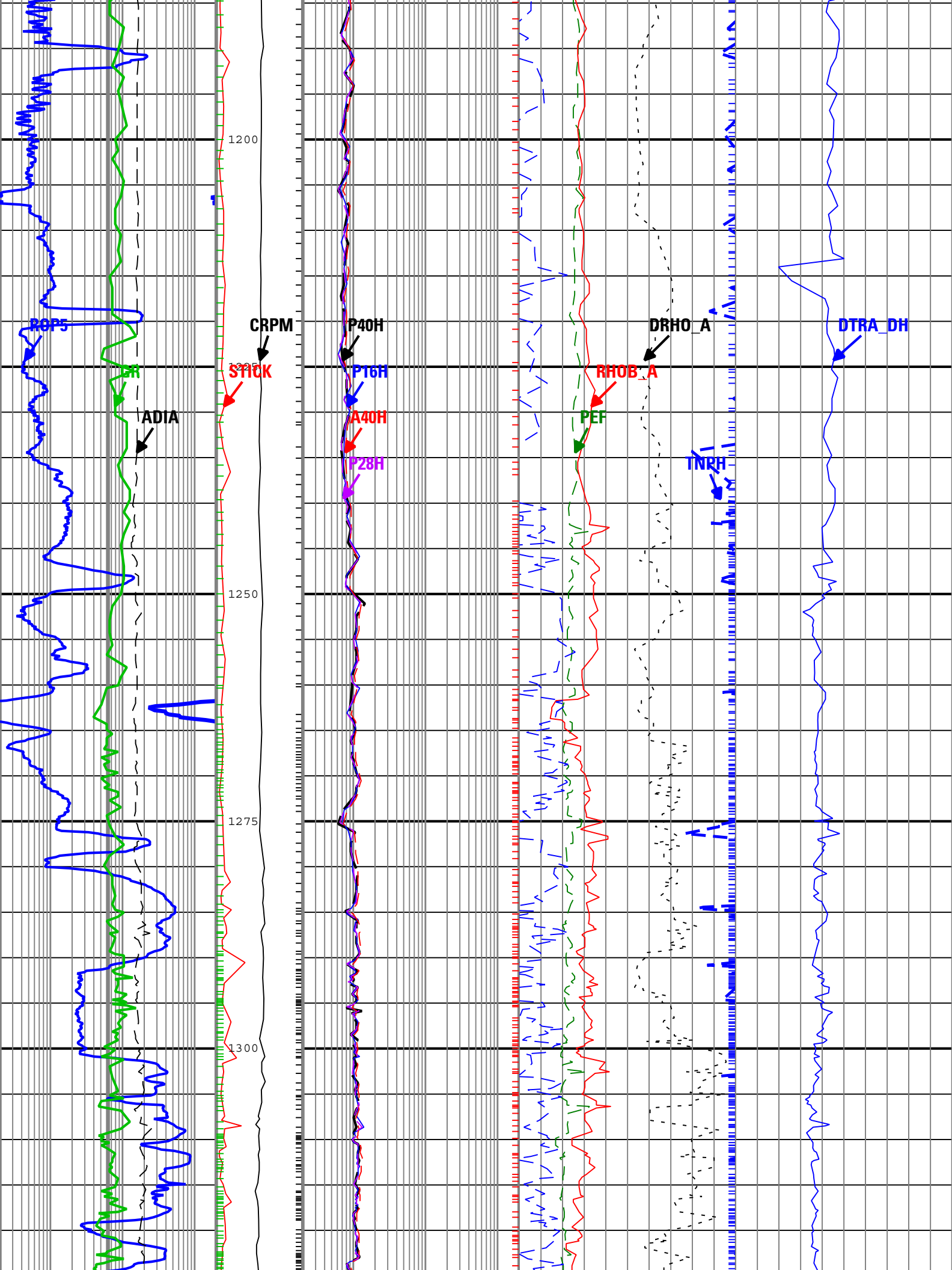
P40H - Phase Shift Resistivity 40 inch Spacing at 2 MHz, Environmentally Corrected.

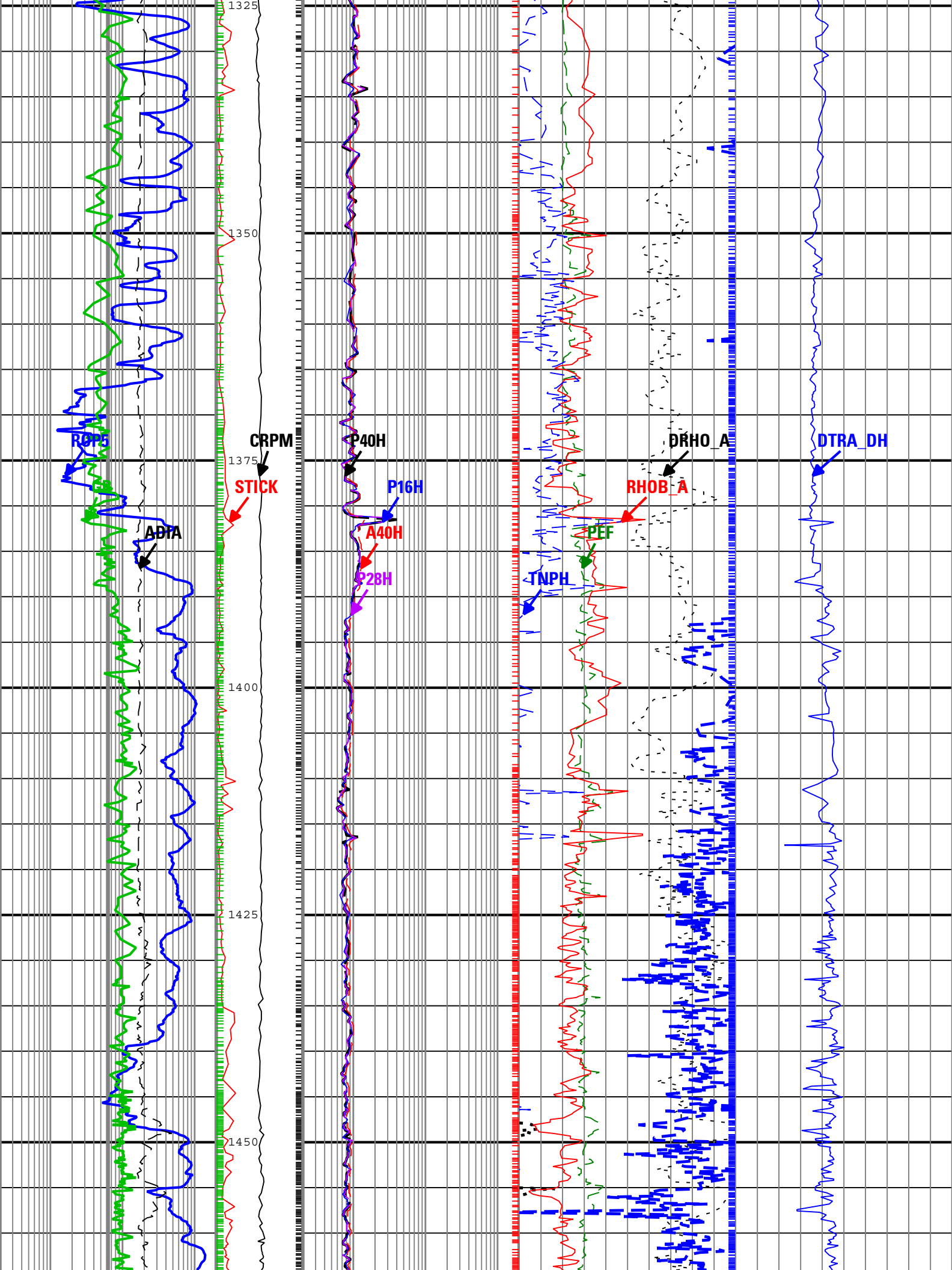
RHOB_A - Bulk Density Computed Downhole

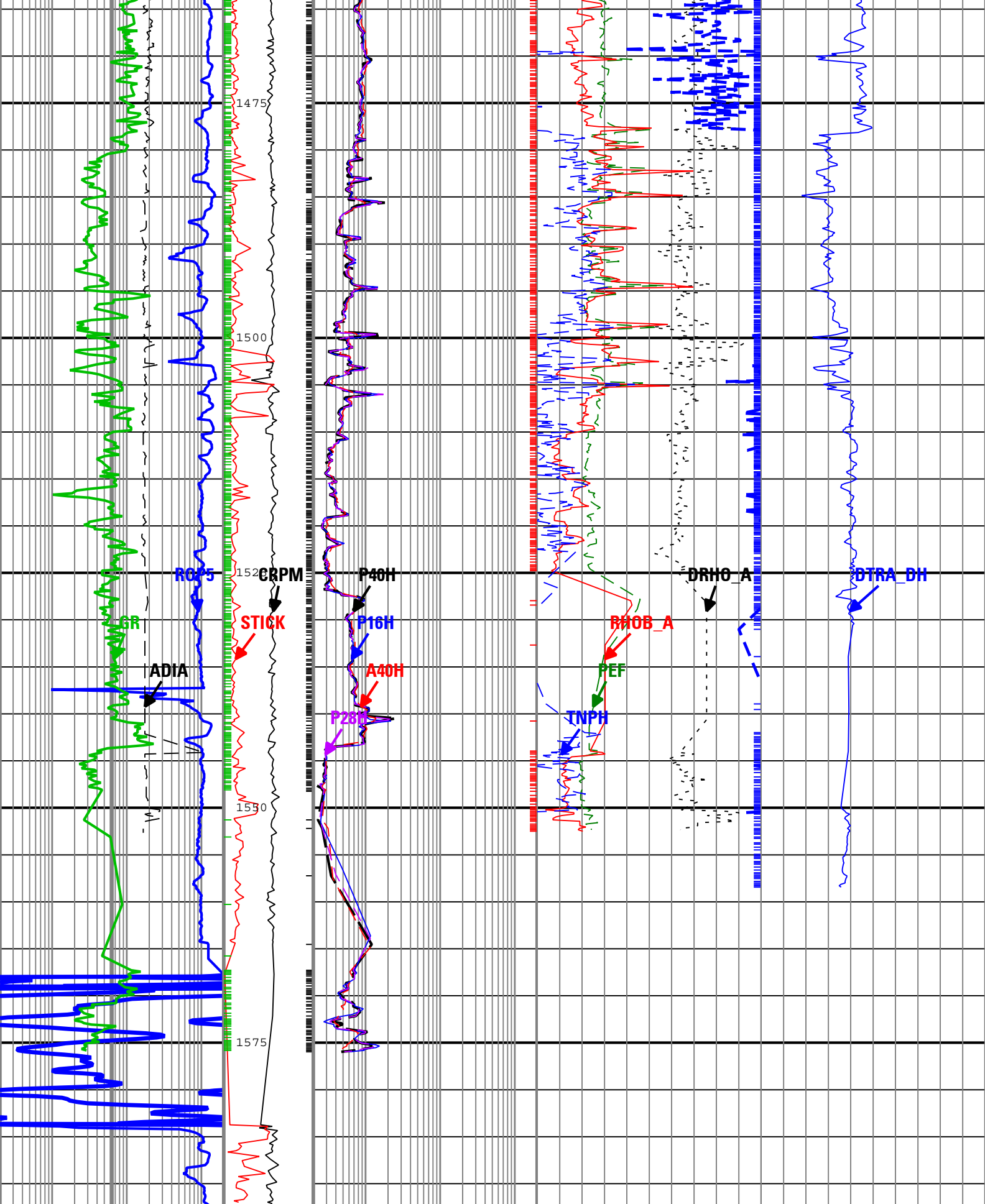












Rate of penetration averaged over the last 5 ft (1.5 m) (ROP5)	Collar Rotational Speed (CRPM)	Phase Shift Resistivity 40 inch Spacing at 2 MHz, Environmentally Corrected. (P40H)	Bulk Density Correction, Computed Downhole (DRHO_A)	Delta-T at Compressional Peak for Receiver Array Computed Downhole (DTRA_DH)
200 m/h 0		0.2 ohm.m 200	-0.25 g/cm3 0.25	40 us/ft 240
Average Borehole Diameter (ADIA)	0 c/min 250		Photoelectric Factor (PEF)	

6 in 16			Stick Slip Indicator (STICK) 0 c/min 500	Phase Shift Resistivity 16 inch Spacing at 2 MHz, Environmentally Corrected. (P16H) 0.2 ohm.m 200			0 10		
Gamma Ray (GR) 0 gAPI 200				Attenuation Resistivity 40 inch Spacing at 2 MHz, Environmentally Corrected. (A40H) 0.2 ohm.m 200			Bulk Density, Computed Downhole (RHOB_A) 1.95 g/cm3 2.95		
				Phase Shift Resistivity 28 inch Spacing at 2 MHz, Environmentally Corrected. (P28H) 0.2 ohm.m 200			Thermal Neutron Porosity (Ratio Method) in Selected Lithology (TNPH) 0.45 m3/m3 -0.15		

TNPH - Thermal Neutron Porosity (Ratio Method) in Selected Lithology

RHOB_A - Bulk Density, Computed Downhole

P40H - Phase Shift Resistivity 40 inch Spacing at 2 MHz, Environmentally Corrected.

GR - Gamma Ray

DTRA_DH - Delta-T at Compressional Peak for Receiver Array Computed Downhole

Description: ARC Dual Frequency 3-Log Resistivity Format: Log (Spikey Beach-1 RT Quad Combo) Index Scale: 1:500 Index Unit: m Index Type: Measured
Depth Creation Date: 12-Sep-2009 04:57:19

Channel Processing Parameters				
Parameter	Description	ToolPath	Value	Unit
BHK	Drilling Fluid Potassium Concentration	Borehole	0	%
BHT	Bottom Hole Temperature	Borehole	48	degC
BS	Bit Size	COMPLETION	Depth Zoned	in
BSAL	Borehole Salinity	Borehole	Time Zoned	ppm
DFD	Drilling Fluid Density	Borehole	9	lbm/gal
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	
MATR	Rock Matrix for Neutron Porosity Corrections	Borehole	LIMESTONE	
MST	Mud Sample Temperature	Borehole	Time Zoned	degC
RMS	Resistivity of Mud Sample	Borehole	Time Zoned	ohm.m
SHT	Surface Hole Temperature	Borehole	15	degC

Depth Zone Parameters			
Parameter	Value	Start (m)	Stop (m)
BS	17.5	815	816.61
BS	12.25	816.61	

All depth are actual.

Time Zone Parameters					
Parameter	Value	Start Time	Stop Time	Start Depth (m)	Stop Depth (m)
BSAL	117818.22	11-Sep-2009 01:32:19	11-Sep-2009 19:28:28	804.72	1428.19
BSAL	102066.07	11-Sep-2009 19:28:28		1428.19	
MST	17.9	11-Sep-2009 01:32:19	11-Sep-2009 19:28:28	804.72	1428.19
MST	20.9	11-Sep-2009 19:28:28		1428.19	
RMS	0.07	11-Sep-2009 01:32:19	11-Sep-2009 19:28:28	804.72	1428.19
RMS	0.08	11-Sep-2009 19:28:28		1428.19	

All depth are at tool zero

All depth are at tool zero.

Tool Control Parameters

Parameter	Description	ToolPath	Value	Unit
OFFBTM_TH	Threshold for deciding whether the bit is off bottom	DnMWorkflow	0.4	m

Company: Beach Petroleum

Well: Spikey Beach-1

Field:

Rig Name: Ocean Patriot

State: VIC

Country: Australia



Schlumberger

VISION service
1:500 Measured Depth
Real Time Data