

Company: Lamont-Doherty Borehole Research

Well: IODP Expedition 311 CAS-01B  
 Field: Cascadia Margin  
 Rig: JOIDES Resolution State: Pacific Ocean

Rig: JOIDES Resolution  
 Field: Cascadia Margin  
 Location: Vancouver Island  
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## VISION Density Neutron - Image 1:240 Measured Depth Recorded Mode Log

Location			Elevation	
Total depth:	1633 m		K.B.	10.06 m
Spud date:	23-Sep-2005		G.L.	-1323 m
Runs:	1 To 1		D.F.	9.60 m
Permanent datum:	MEAN SEA LEVEL	Elev.:	0 m	
Log measured from:	Kelly Bushing	10.06 m above Perm. datum		
Depth reference:	Driller's Depth			

Service Order no.	NAD 27	Longitude	Latitude
40012416	UTM Zone 10 N	W 126.86540	N 48.69806

Bore hole record				Casing record			
Hole size	from	to	Size	Density	from	to	Density
9.875 In.	1333 m	1633 m					

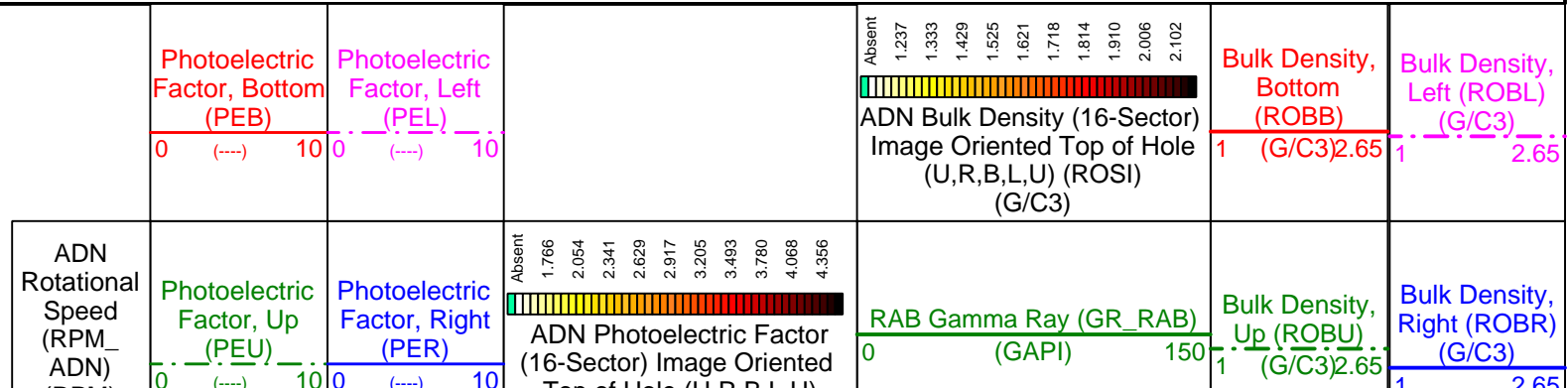
Type	Mud record	from	1333 m	to	1633 m	Min		Max	
Seawater									

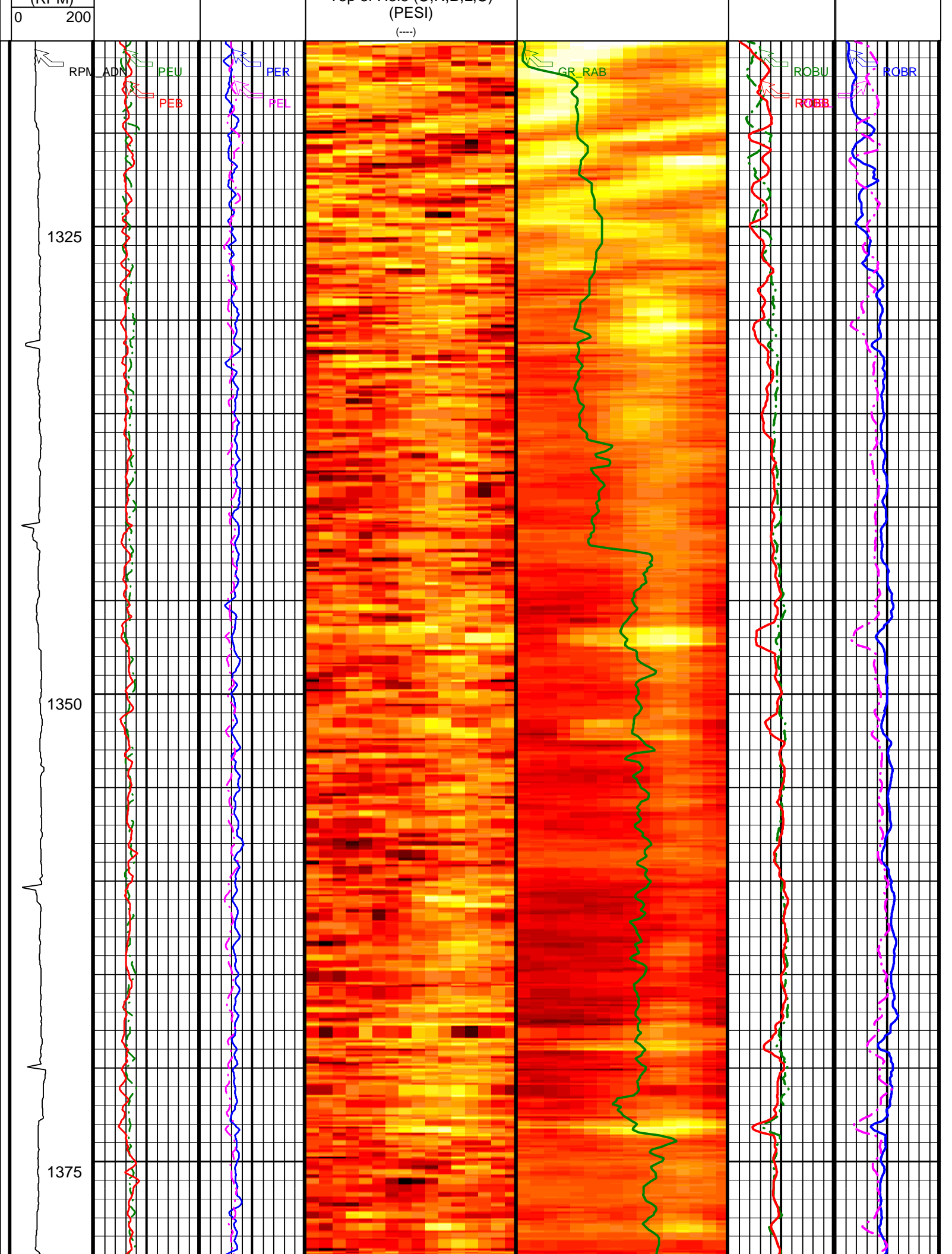
Surface equipment		Software record			
Unit	TWIS	IDEAL Wis	ID10_2C_01		
Depth system	Geograph	SPM	hspm10_1c_05		
		LWD	See Remarks		
		MWD	9.0_C03		

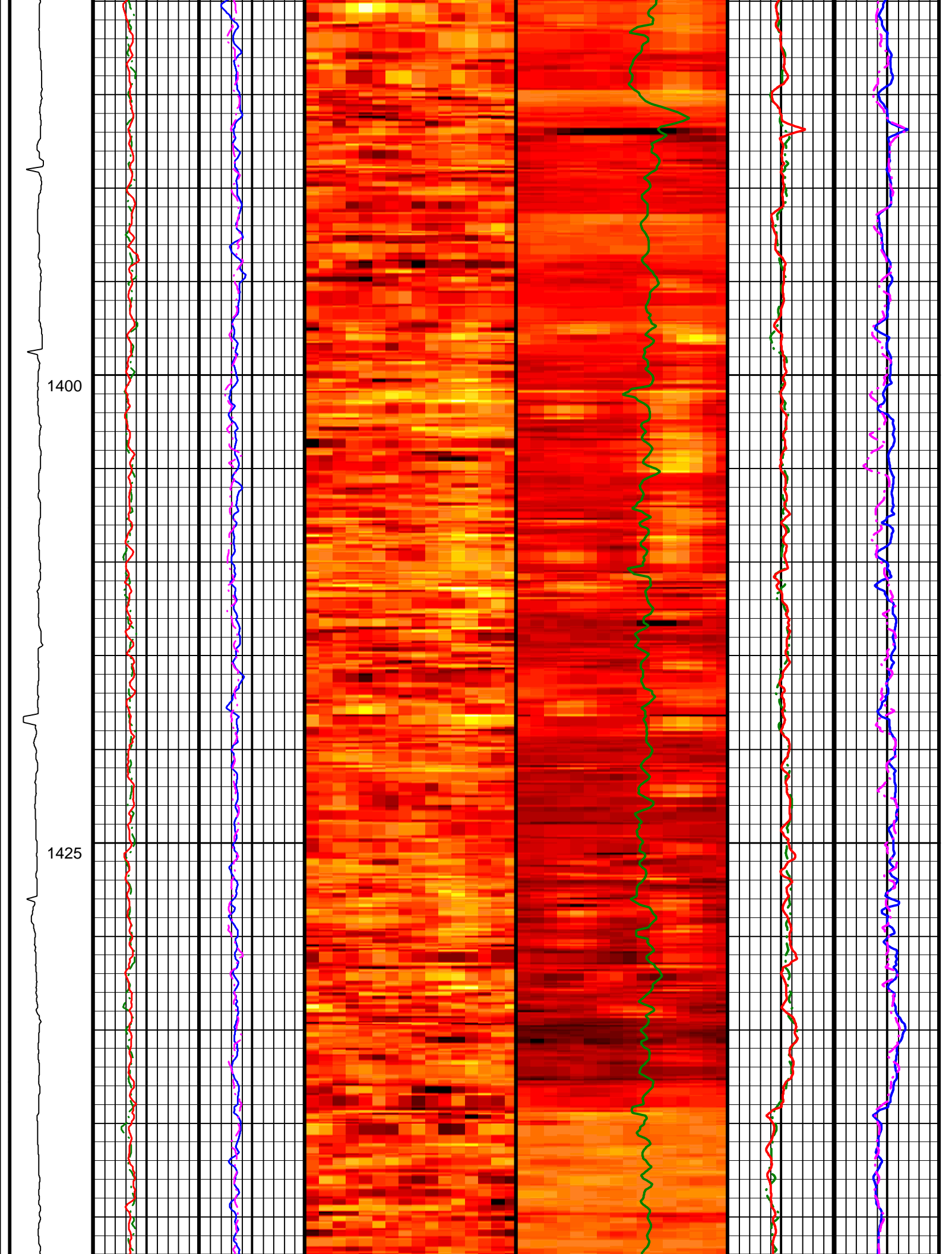
# PEF / Density Static Image

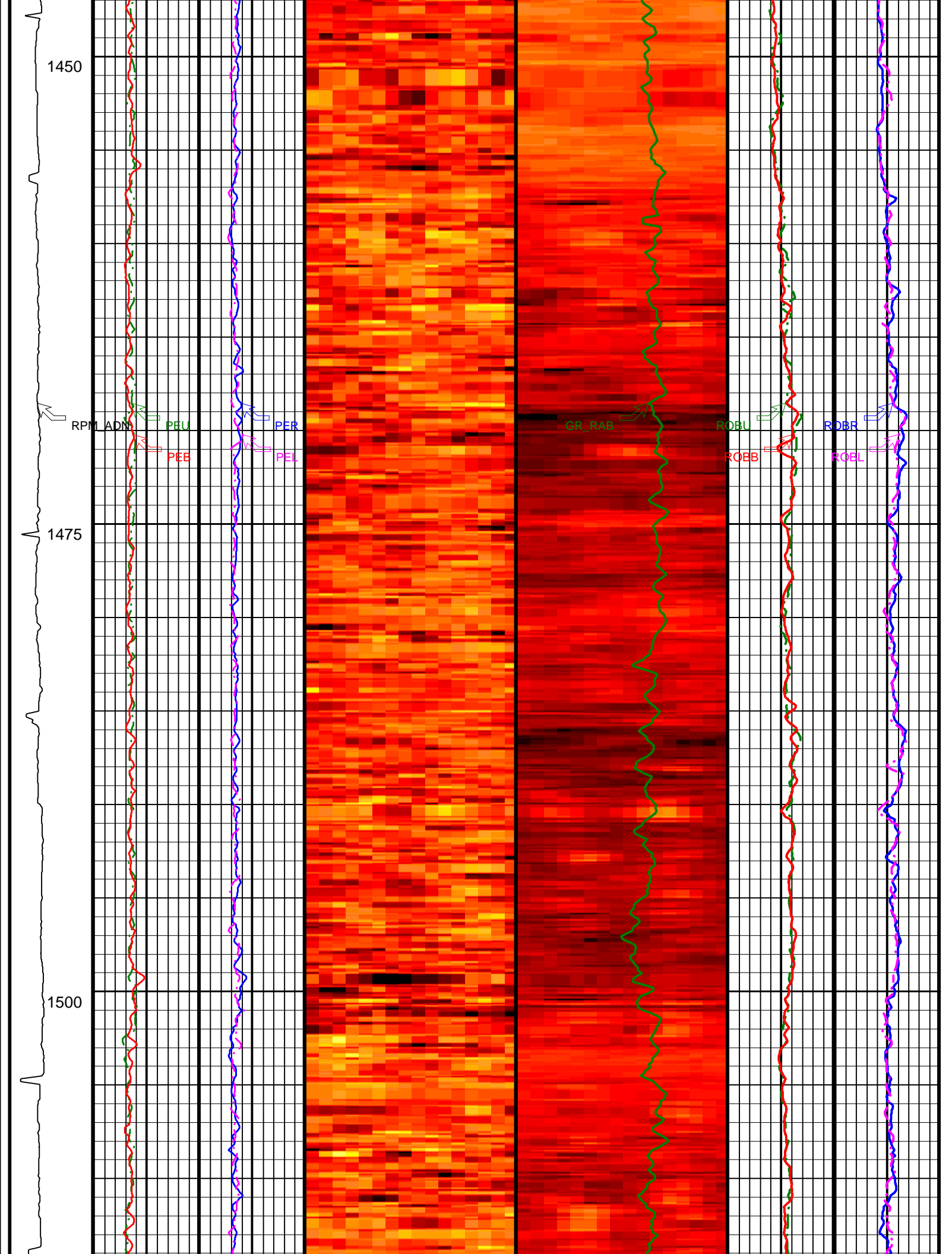
IDEAL Version: ID10\_2B\_08  
 IDF

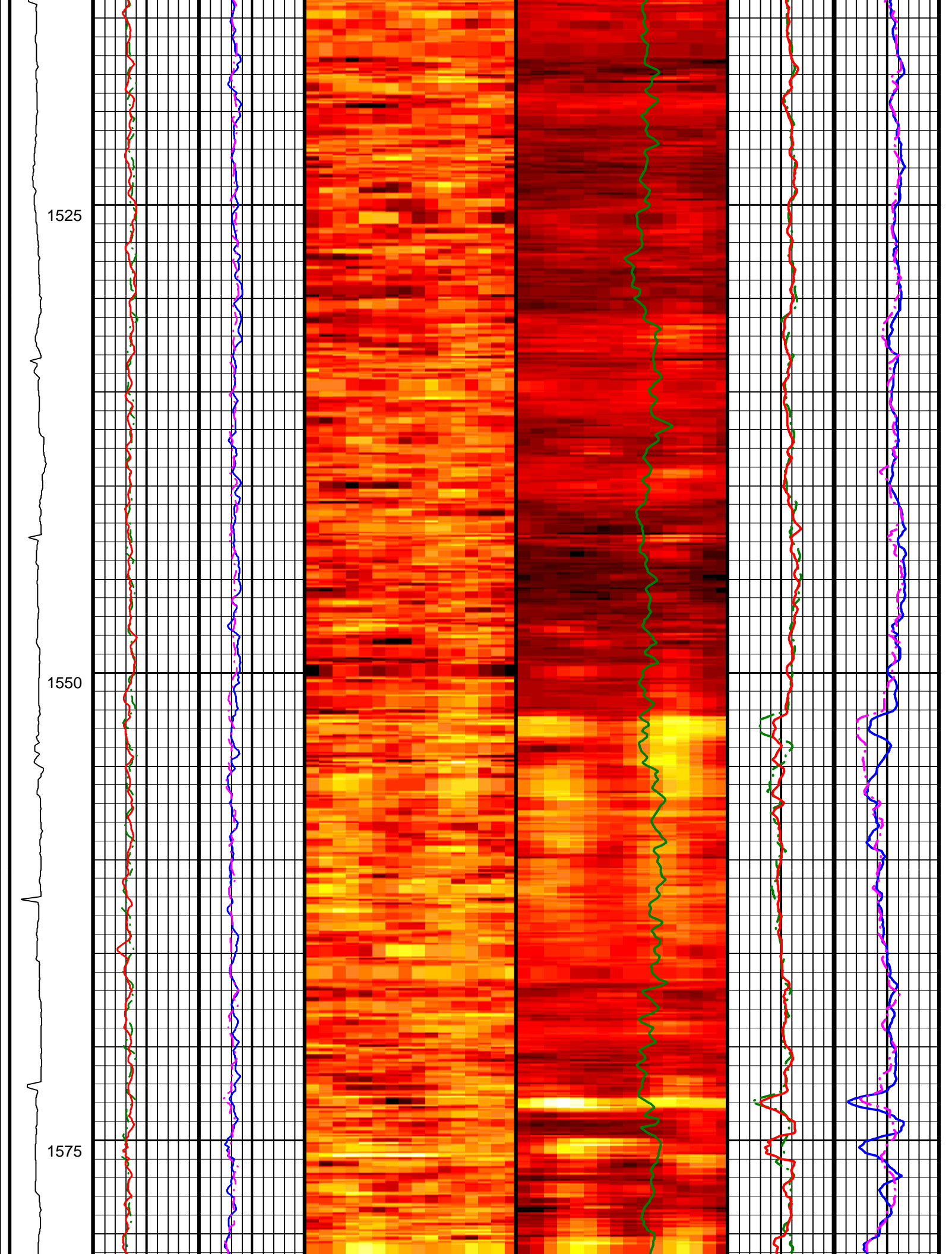
Format: V\_DEN\_NEU\_IMAGE    Vertical Scale: 1:240    Graphics File Created: 04-Oct-2005 13:29











1525

1550

1575

1600

1625

ADN  
Rotational  
Speed  
(RPM\_  
ADN)  
(RPM)

0 200

Photoelectric  
Factor, Up  
(PEU)

0 (---) 10

Photoelectric  
Factor, Right  
(PER)

0 (---) 10

Absent  
1.766  
2.054  
2.341  
2.629  
2.917  
3.205  
3.493  
3.780  
4.068  
4.356  
ADN Photoelectric Factor  
(16-Sector) Image Oriented  
Top of Hole (U,R,B,L,U)  
(PESI)  
(---)

RAB Gamma Ray (GR\_RAB)  
(GAPI)

0 150

Bulk Density,  
Up (ROBU)  
(G/C3)

1 2.65

Bulk Density,  
Right (ROBR)  
(G/C3)

1 2.65

Photoelectric  
Factor, Bottom  
(PEB)

0 (---) 10

Photoelectric  
Factor, Left  
(PEL)

0 (---) 10

Absent  
1.237  
1.333  
1.429  
1.525  
1.621  
1.718  
1.814  
1.910  
2.006  
2.102  
ADN Bulk Density (16-Sector)  
Image Oriented Top of Hole  
(U,R,B,L,U) (ROSI)  
(G/C3)

Bulk Density,  
Bottom  
(ROBB)  
(G/C3)

1 2.65

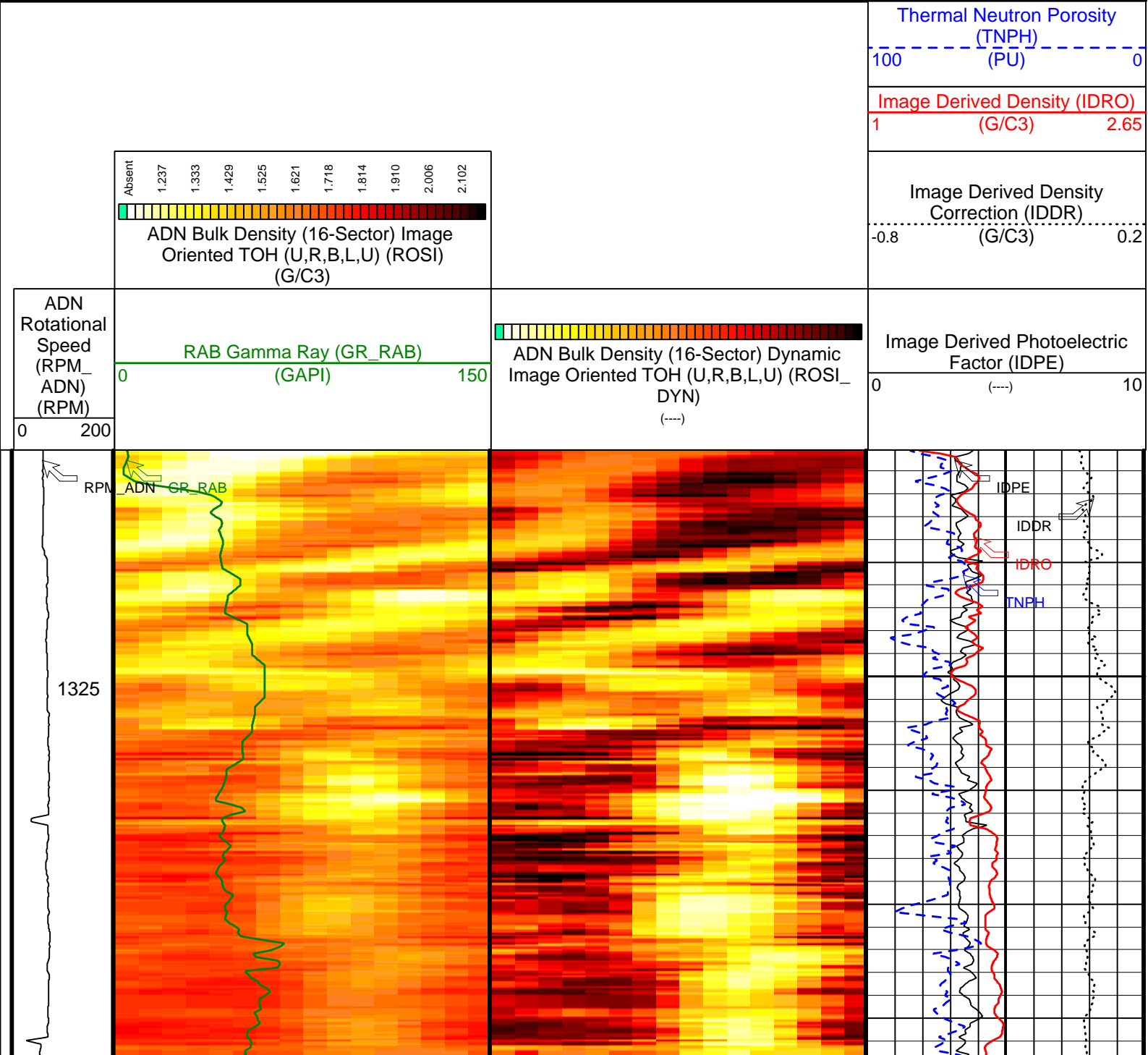
Bulk Density,  
Left (ROBL)  
(G/C3)

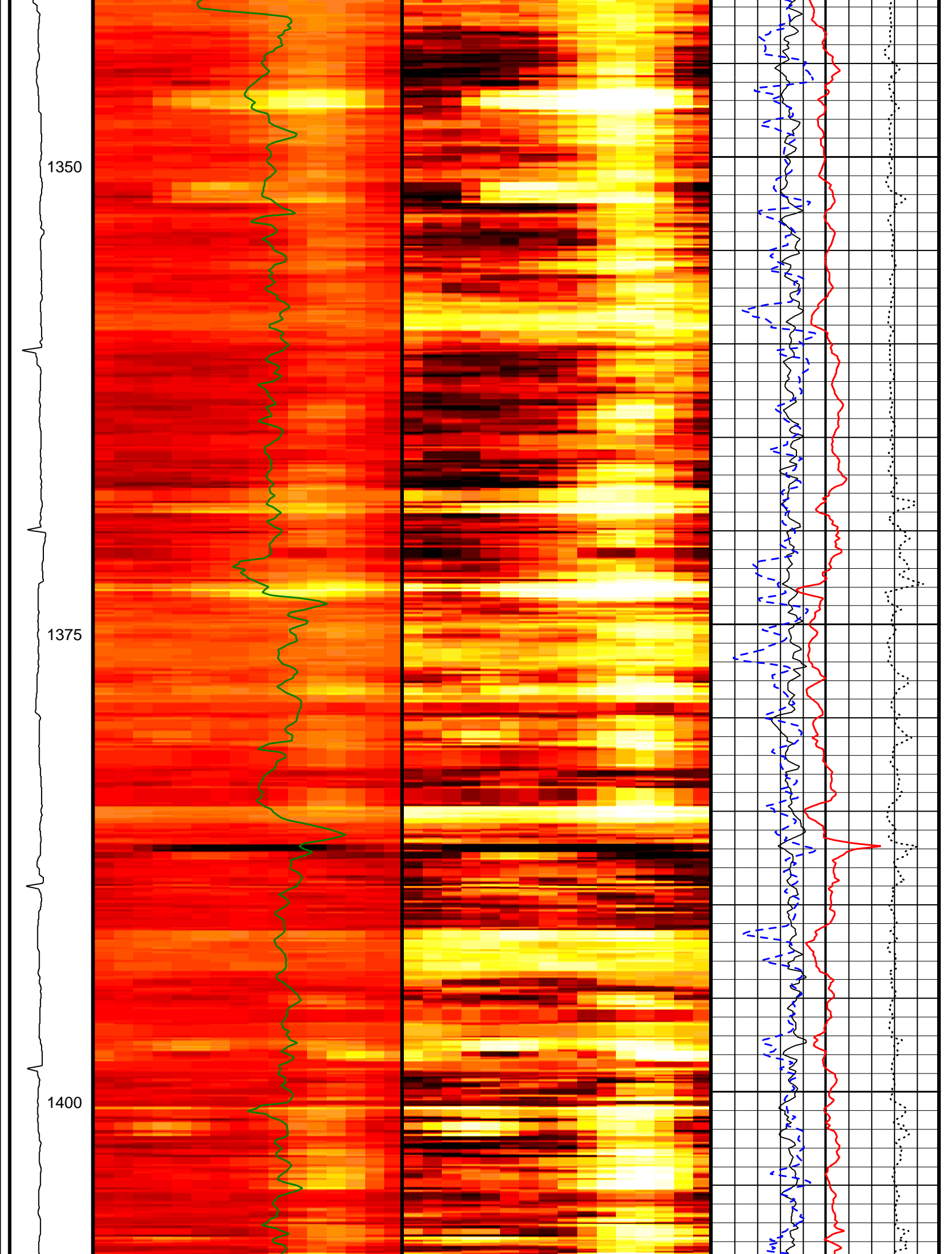
1 2.65

GR\_RAB

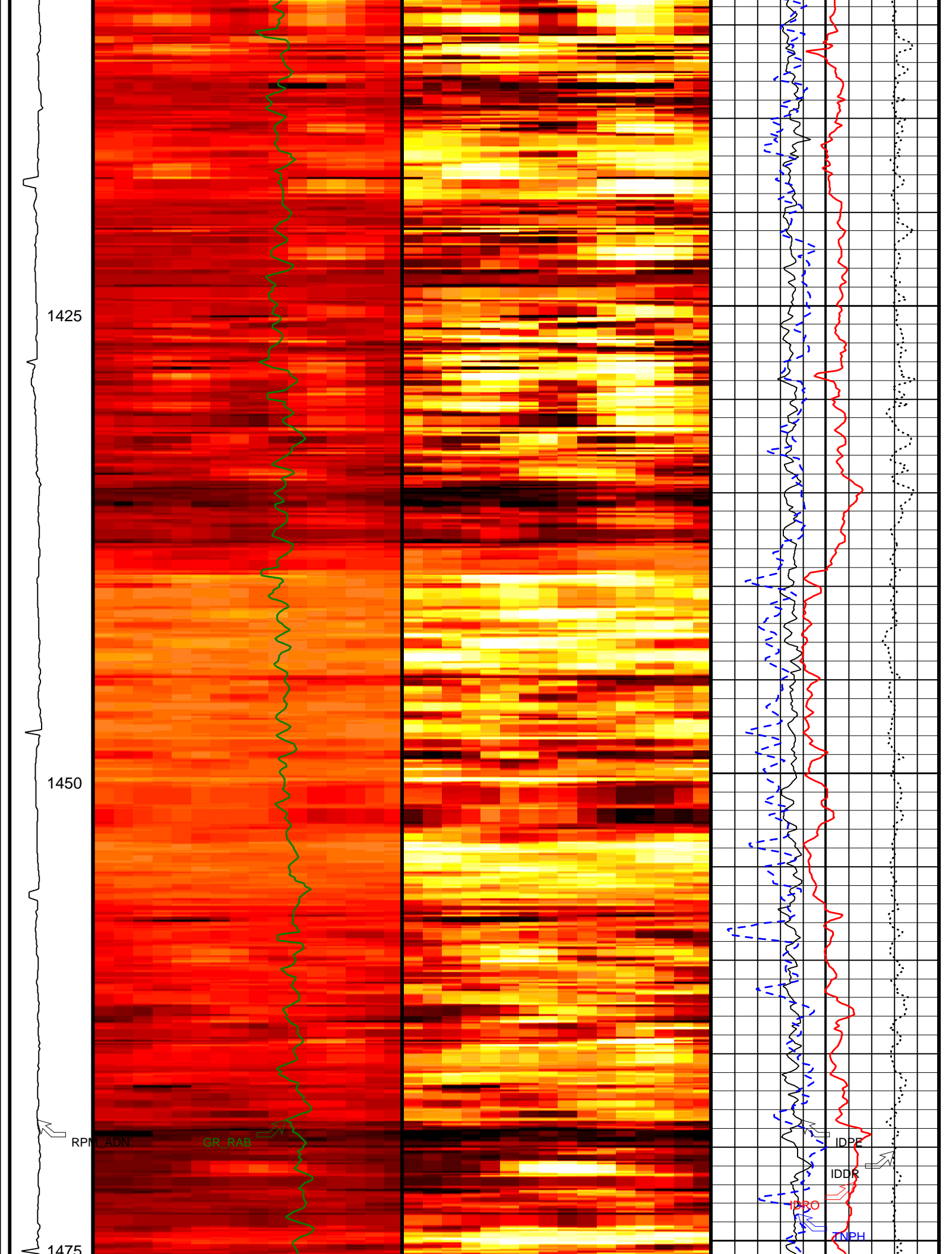
# Density Dynamic Image

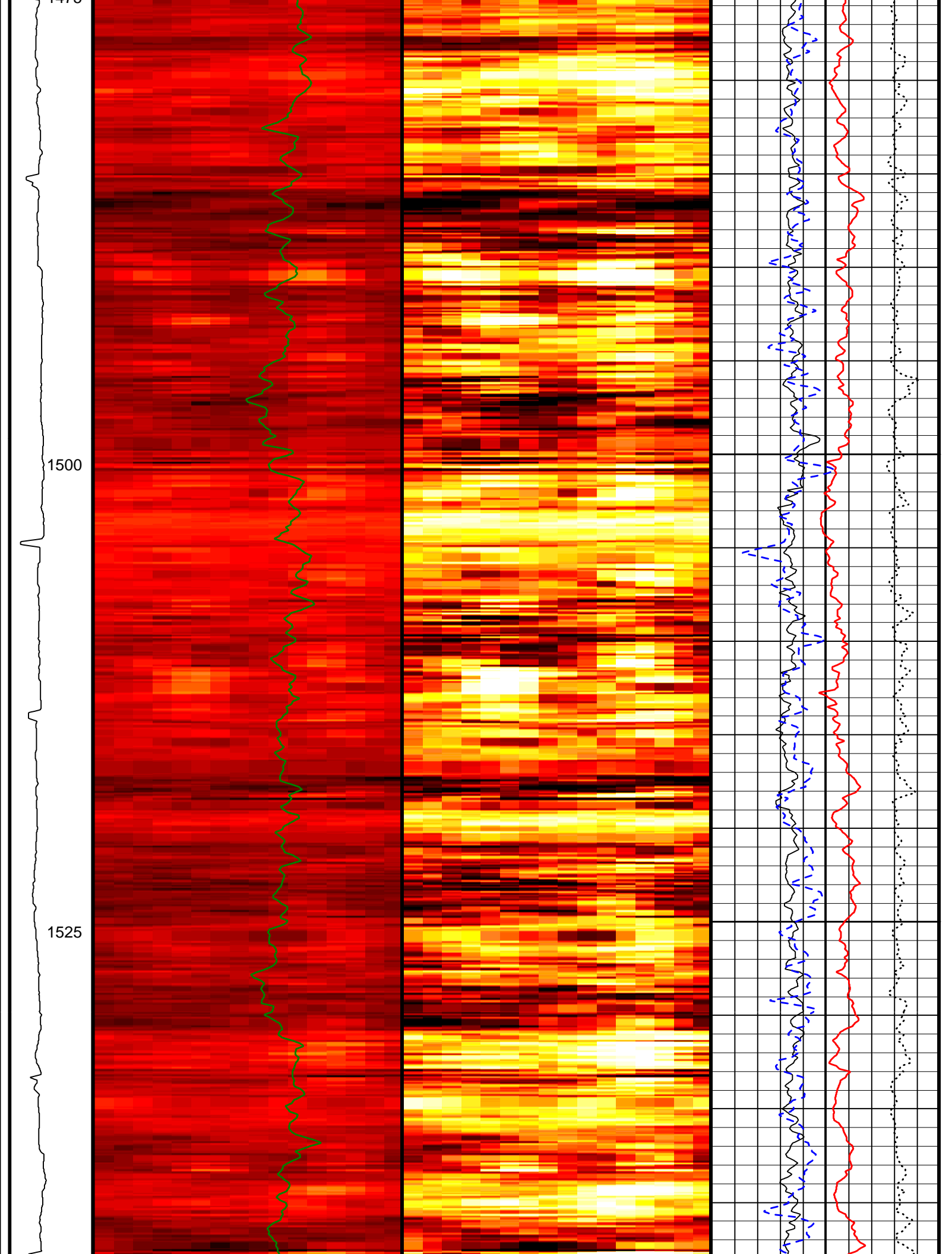
Format: V\_DEN\_NEU\_DYN\_IMAGE    Vertical Scale: 1:240    Graphics File Created: 04-Oct-2005 13:29

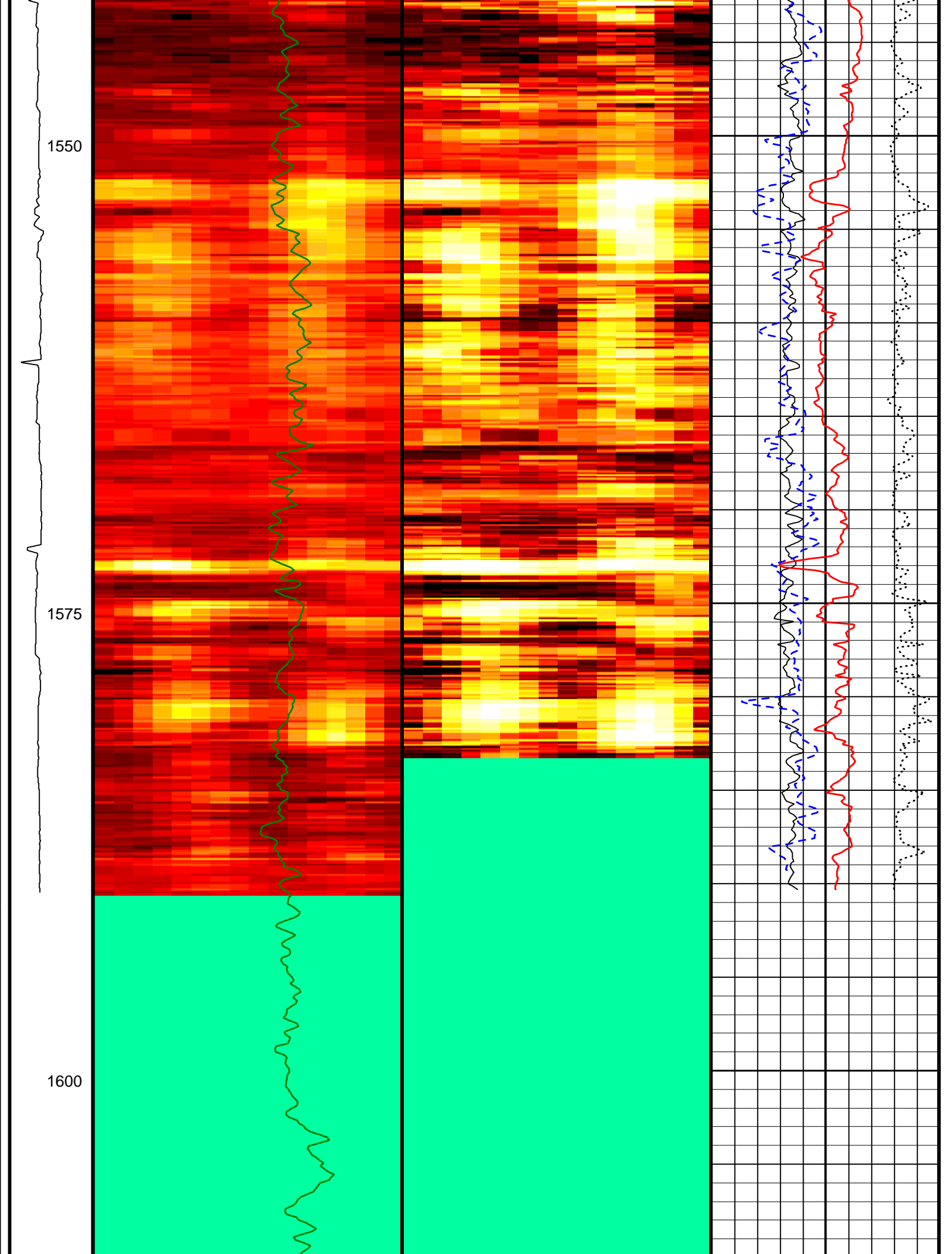












1625

GR\_RAB



ADN Rotational Speed (RPM_ADN) (RPM) 0 200	RAB Gamma Ray (GR_RAB) (GAPI) 0 150	 ADN Bulk Density (16-Sector) Dynamic Image Oriented TOH (U,R,B,L,U) (ROSI_DYN) (---)	Image Derived Photoelectric Factor (IDPE) 0 (---) 10
 ADN Bulk Density (16-Sector) Image Oriented TOH (U,R,B,L,U) (ROSI) (G/C3)		Image Derived Density Correction (IDDR) (G/C3) -0.8 0.2	
		Image Derived Density (IDRO) (G/C3) 1 2.65	
		Thermal Neutron Porosity (TNPH) (PU) 100 0	

IDEAL Version: ID10\_2B\_08  
IDF

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VISION Density Neutron - Image 1:240 Measured Depth Recorded Mode Log	

