Schlumberger

Company: Integrated Ocean Drilling Program

Well: IODP Exp 308 Hole U1320B
Field: East Breaks Block 692
Rig: Joides Resolution State: Texas

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Field: East Breaks Block 692
Location: Brazos Trinity Basin
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GeoVISION Resistivity
1 : 200 Measured Depth
Recorded Mode Log

Location

Total depth:	1799 m	Elevation K.B.	Top Drive
Spud date:	11-Jun-2005	G.L.	-1468.6 m
Runs:	1 To 1	D.F.	10.4 m
Permanent datum:	Mean Sea Level	Elev.:	0 m
Log measured from:	Drill Floor		10.4 m above Perm. datum
Depth reference:	Driller's Depth		

Service Order no.	NAD 27	Longitude	Latitude
40012055	UTM Zone 15N	W94.38754	N27.30154

Depth logged:	1479 m To 1798 m	Mag decl: 3.51 deg.	Other services:
Date logged:	11-Jun-05 To 12-Jun-05	Mag dip: 57.01 deg.	

Bore hole record

Hole size	from	to
9.875 in.	1479 m	1799 m

Casing record

Size	Density	from	to

Mud record

Type	from	to
Seawater	1479 m	1799 m

Borehole deviation record

Min	Max	from	to
0.04 deg.	0.32 deg.	1479 m	1799 m

Surface equipment		Software record			
Unit	TWIS	IDEAL Wis	10_0C_04.1		
Depth system	Geolograph	SPM	10_1C_05		
		LWD	See Remarks		
		MWD	8.0c00		

IDEAL Version: ID10_0C_04
IDF

Format: GEOVIS_RES_1MD Vertical Scale: 1:200 Graphics File Created: 30-Jun-2005 23:59

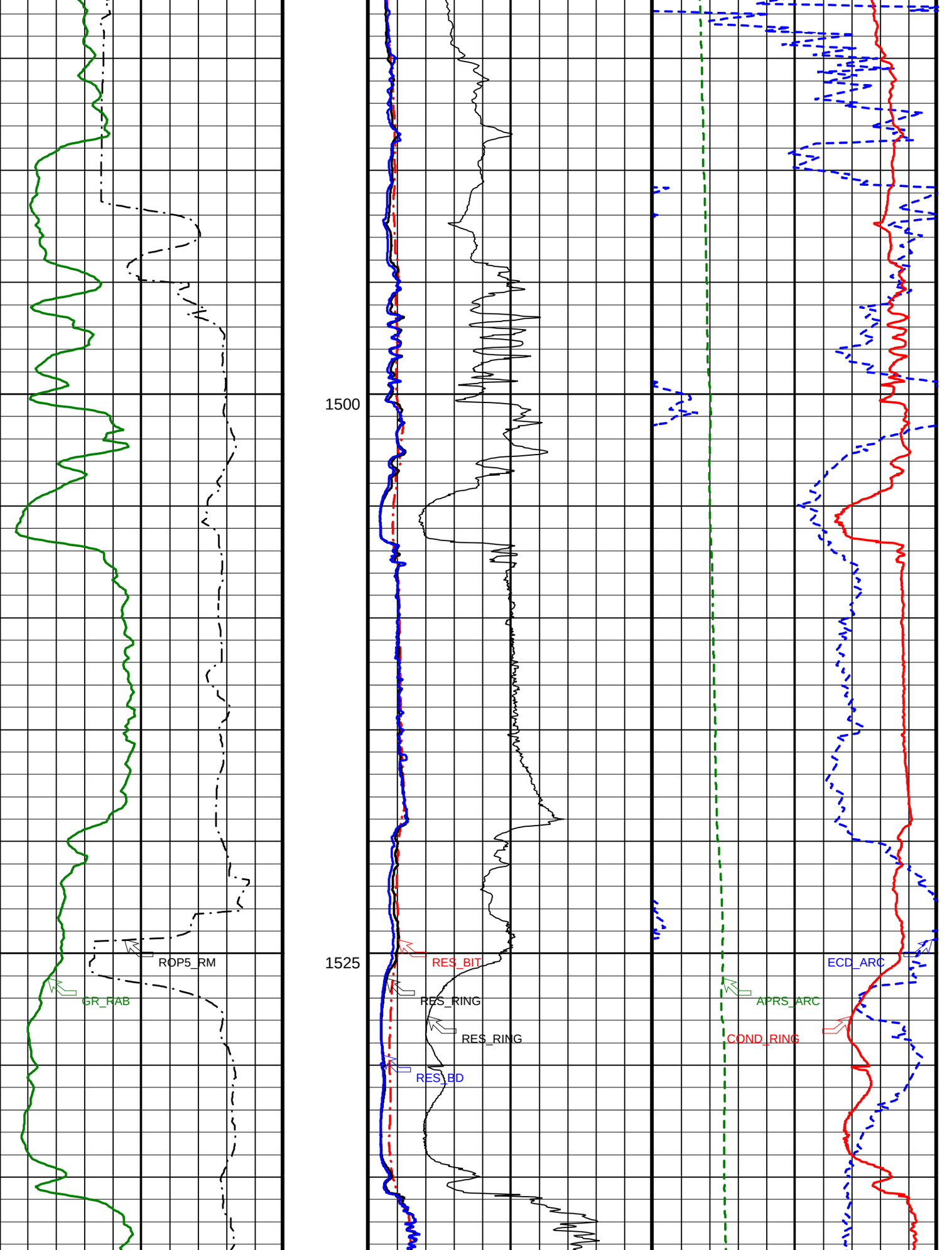
Deep Button Resistivity (RES_BD) (OHMM) 0 10
Amplified Ring Resistivity (RES_RING) (OHMM) 0 2
Ring Resistivity (RES_RING) (OHMM) 0 10
Bit Resistivity (RES_BIT) (OHMM) 0 10
Ring Conductivity (COND_RING) (MMHO) 8000 0
Annulus Pressure (APRS_ARC) (PSI) 2000 3000
Equivalent Circulating Density (ECD_ARC) (LB/G) 6 11

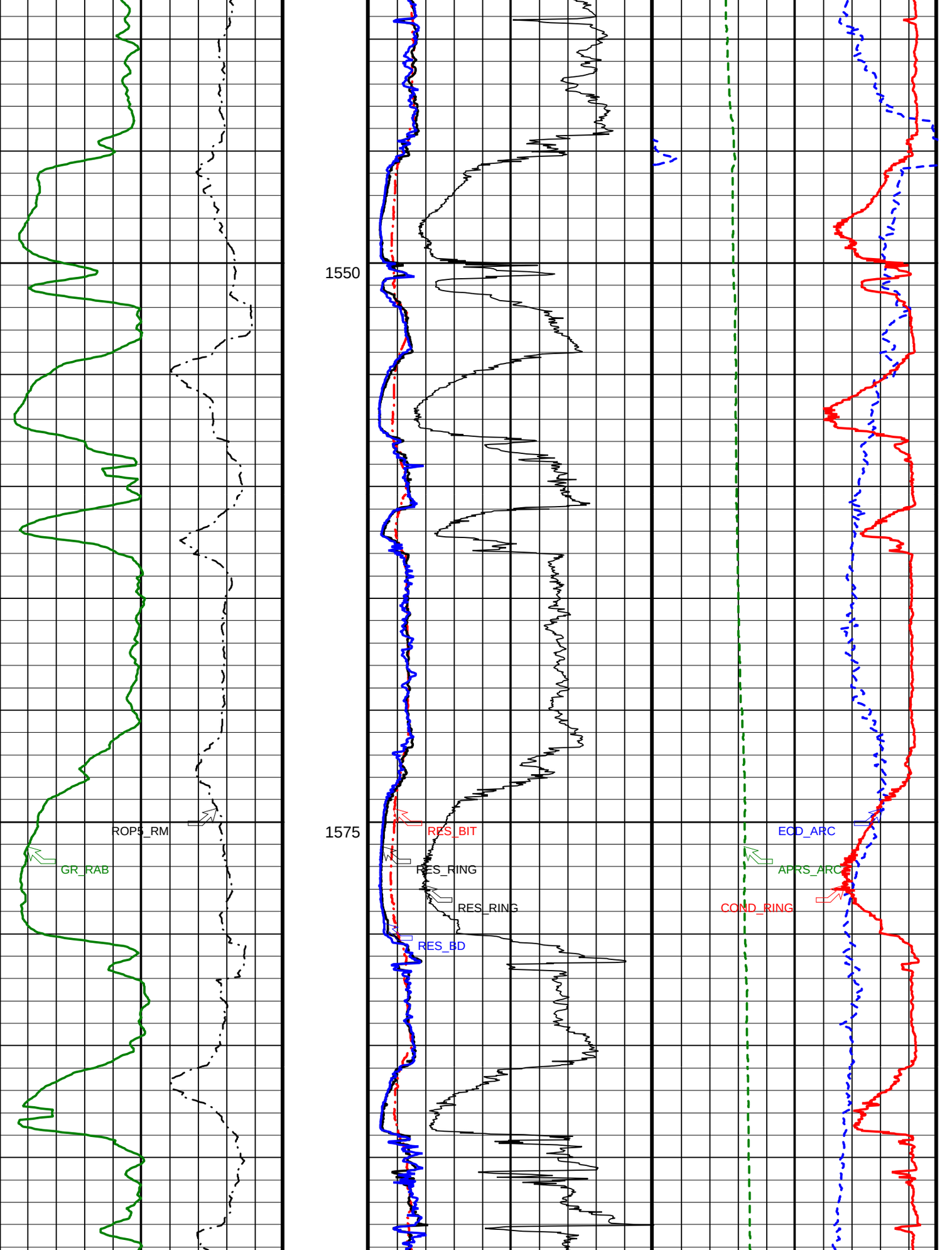
Run 1
Start Depth: 1479 m
Mud Type: Seawater
GVR s/n 6163
ARC s/n 6201
ADN s/n 6306

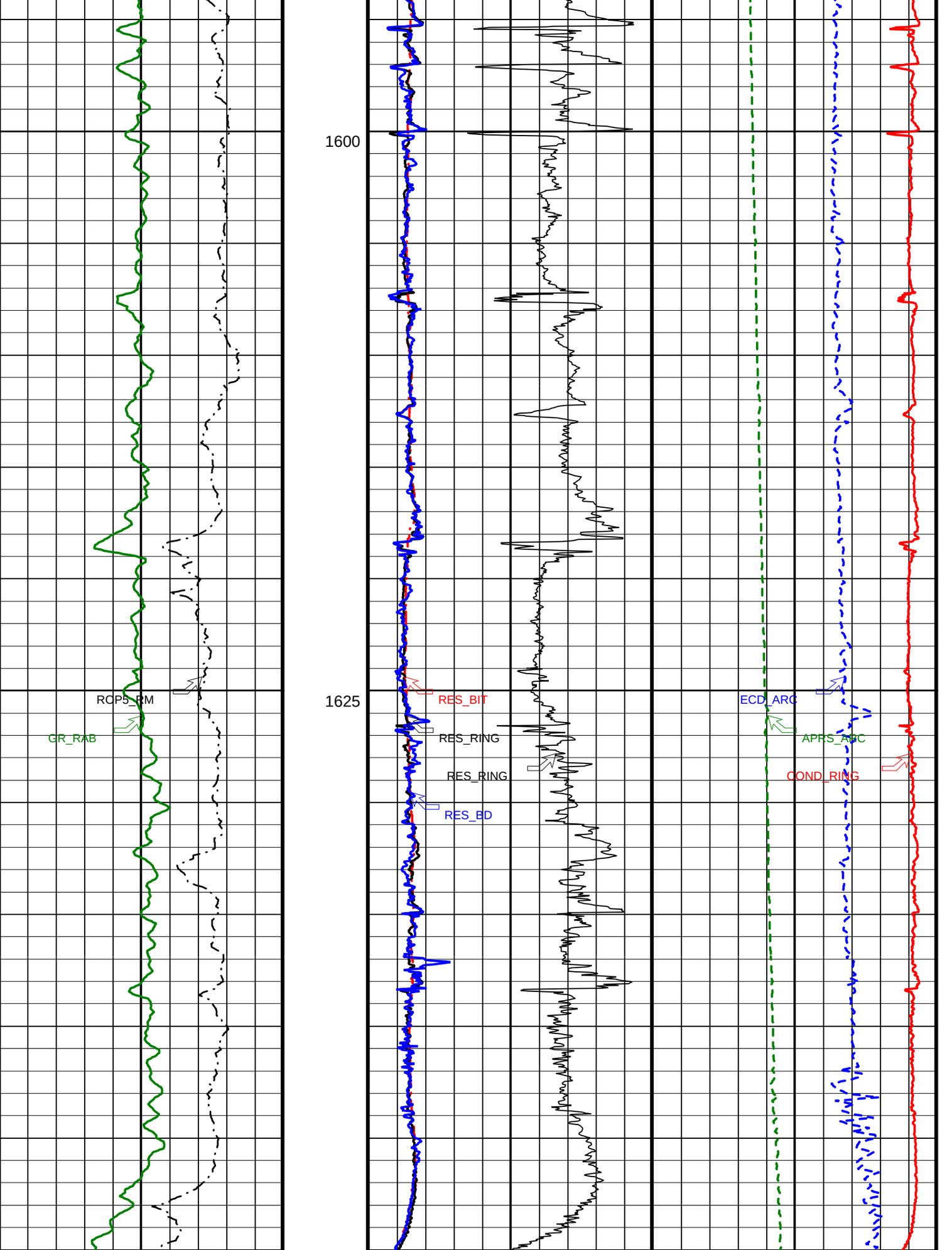
RES_BIT
RES_RING
RES_RING
RES_BD
ECD_ARC
APRS_ARC
COND_RING

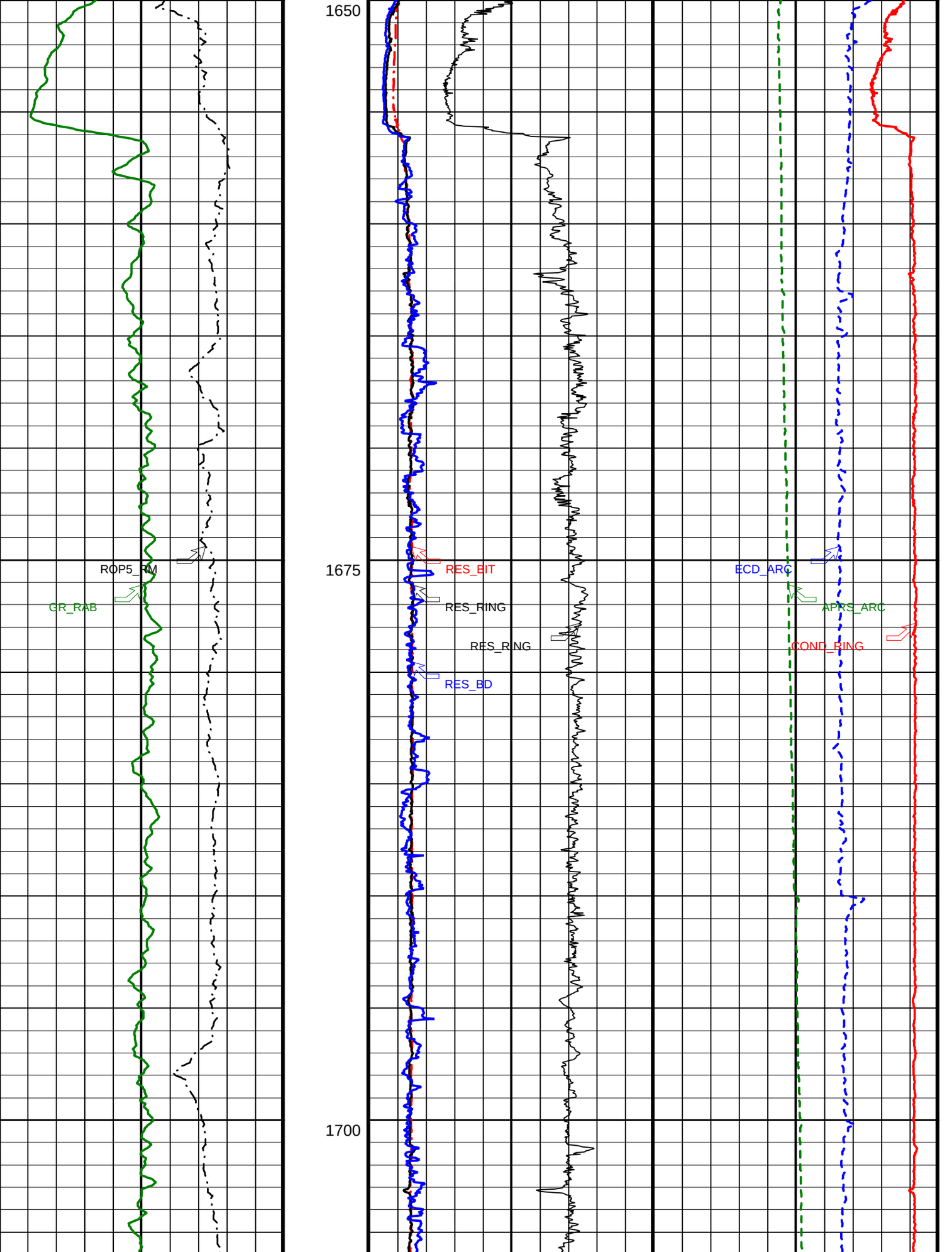
1475

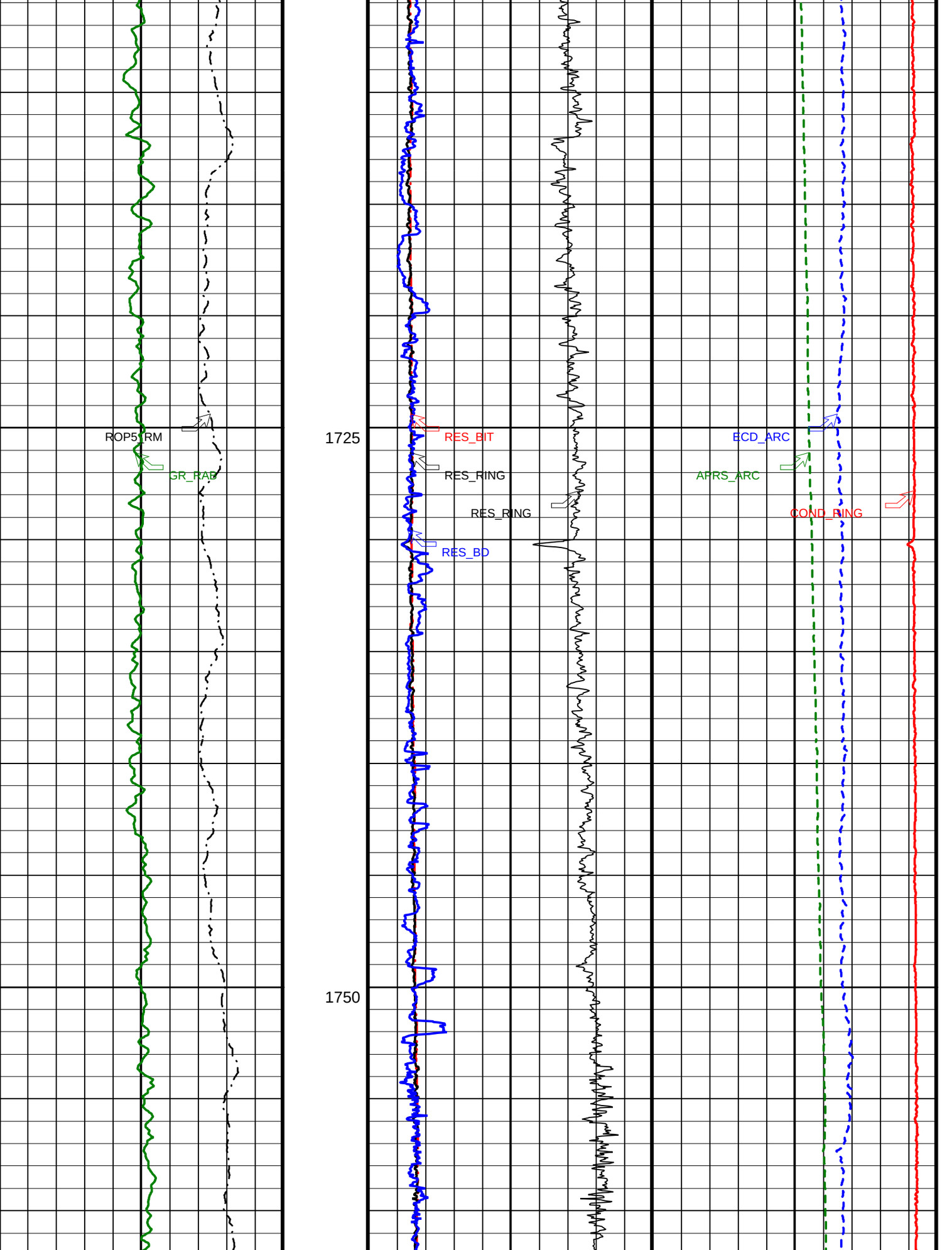
Rate of Penetration, Averaged over Last 5ft (ROP5_RM) (M/HR) 100 0
RAB Gamma Ray (GR_RAB) (GAPI) 0 150
ROP5_RM
GR_RAB
Calculated seawater density 8.627 ppg

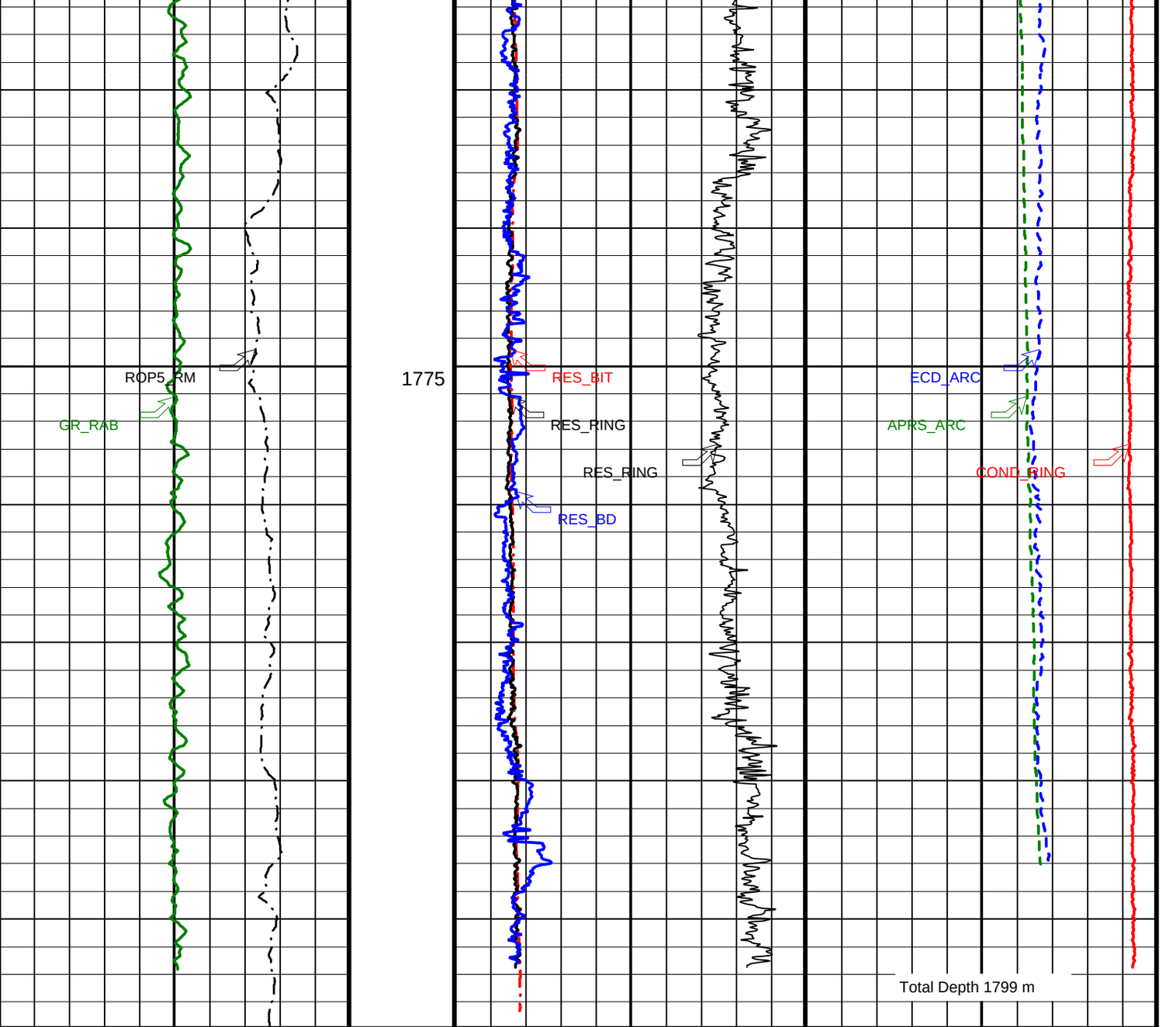

1500
1525
ROP5_RM
GR_RAB
RES_BIT
RES_RING
RES_RING
RES_BD
ECD_ARC
APRS_ARC
COND_RING


1550
1575
ROPS_RM
GR_RAB
RES_BIT
RES_RING
RES_RING
RES_BD
EOD_ARC
APRS_ARC
COND_RING


1600
1625
ROP5_RM
GR_RAB
RES_BIT
RES_RING
RES_RING
RES_BD
ECD_ARC
APRS_ARC
COND_RING


1650
1675
1700
ROP5_RM
GR_RAB
RES_BIT
RES_RING
RES_RING
RES_BD
ECD_ARC
APRS_ARC
COND_RING


ROP5_RM
GR_RAB
1725
RES_BIT
RES_RING
RES_RING
RES_BD
ECD_ARC
APRS_ARC
COND_RING
1750



RAB Gamma Ray (GR_RAB)
0 (GAPI) 150

Rate of Penetration, Averaged over Last 5ft (ROP5_RM)
100 (M/HR) 0

Bit Resistivity (RES_BIT)
0 (OHMM) 10

Ring Resistivity (RES_RING)
0 (OHMM) 10

Amplified Ring Resistivity (RES_RING)
0 (OHMM) 2

Deep Button Resistivity (RES_BD)
0 (OHMM) 10

Equivalent Circulating Density (ECD_ARC)
6 (LB/G) 11

Annulus Pressure (APRS_ARC)
2000 (PSI) 3000

Ring Conductivity (COND_RING)
8000 (MMHO) 0

IDEAL Version: ID10_0C_04
IDF

Client.....: Integrated Ocean Drilling Program
Field.....: East Breaks Block 692

Well.....: IODP Exp 308 Hole U1320B Spud date.....: 11-Jun-05
Site.....: Brazos Trinity Basin Last survey date.....: 12-Jun-05
Engineer.....: Hoong, K. Total accepted surveys...: 7
MD of first survey.....: 1479.00 m
Rig:.....: Joides Resolution MD of last survey.....: 1799.00 m
State:.....: Texas

----- Survey calculation methods---------- ----- Geomagnetic data ----------
Method for positions.....: Minimum curvature Magnetic model.....: BGGM version 2004
Method for DLS.....: Mason & Taylor Magnetic date.....: 10-Jun-2005
Magnetic field strength..: 937.86 HCNT
----- Depth reference ---------- Magnetic dec (+E/W-).....: 3.51 degrees
Permanent datum.....: Mean Sea Level Magnetic dip.....: 57.01 degrees
Depth reference.....: Drill Floor
GL above permanent.....: -1468.60 m ----- MWD survey Reference Criteria ---------
KB above permanent.....: 10.40 m Reference G.....: 999.11 mGal
DF above permanent.....: 10.40 m Reference H.....: 937.86 HCNT
Reference Dip.....: 57.01 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-).....: 3.51 degrees
Departure (+E/W-).....: 0.00 m Grid convergence (+E/W-).: -0.64 degrees
Total az corr (+E/W-)....: 4.15 degrees
Azimuth from Vsect Origin to target: 0.00 degrees (Total az corr = magnetic dec - grid conv)
Survey Correction Type ...:
----- Coordinate System---------- I=Sag Corrected Inclination
Geodetic Datum.....: NAD 27 M=Schlumberger Magnetic Correction
Projection Identification: UTM Zone 15 N S=Shell Magnetic Correction
F=Failed Axis Correction
R=Magnetic Resonance Tool Correction
D=Dmag Magnetic Correction

Seq #	Measured depth (m)	Incl angle (deg)	Azimuth angle (deg)	Course length (m)	TVD depth (m)	Vertical section (m)	Displ +N/S- (m)	Displ +E/W- (m)	Total displ (m)	At Azim (deg)	DLS (deg/ 10m)	Srvy Tool type	Tool Corr
1	1479.00	0.00	0.00	0.00	1479.00	0.00	0.00	0.00	0.00	0.00	0.00	TIP	None
2	1514.00	0.26	341.61	35.00	1514.00	0.08	0.08	-0.03	0.08	341.61	0.07	MWD_M	None
3	1590.50	0.04	340.34	76.50	1590.50	0.27	0.27	-0.09	0.28	341.49	0.03	MWD_M	None
4	1629.30	0.21	18.06	38.80	1629.30	0.35	0.35	-0.07	0.35	348.34	0.05	MWD_M	None
5	1706.40	0.26	17.59	77.10	1706.40	0.65	0.65	0.03	0.65	2.25	0.01	MWD_M	None
6	1783.07	0.32	351.89	76.67	1783.07	1.02	1.02	0.05	1.03	2.67	0.02	MWD_M	None
7	1799.00	0.32	351.89	15.93	1799.00	1.11	1.11	0.04	1.11	1.81	0.00	Proj to TD	

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1 : 200 Measured Depth
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