

Schlumberger

Company: Integrated Ocean Drilling Program

Well: IODP Exp 308 Hole U1319B
 Field: East Breaks Block 735
 Rig: Joides Resolution State: Texas

GeoVISION Resistivity 1 : 200 Measured Depth Recorded Mode Log

Total depth:	1621 m	K.B.	Top Drive
Spud date:	12-Jun-2005	G.L.	-1430.6 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	W94.40136	N27.26646

Depth logged: 1441 m To 1620 m Mag decl: 3.52 deg.
 Date logged: 12-Jun-05 To 12-Jun-05 Mag dip: 56.97 deg.
 Other services:

Bore hole record

Casing record

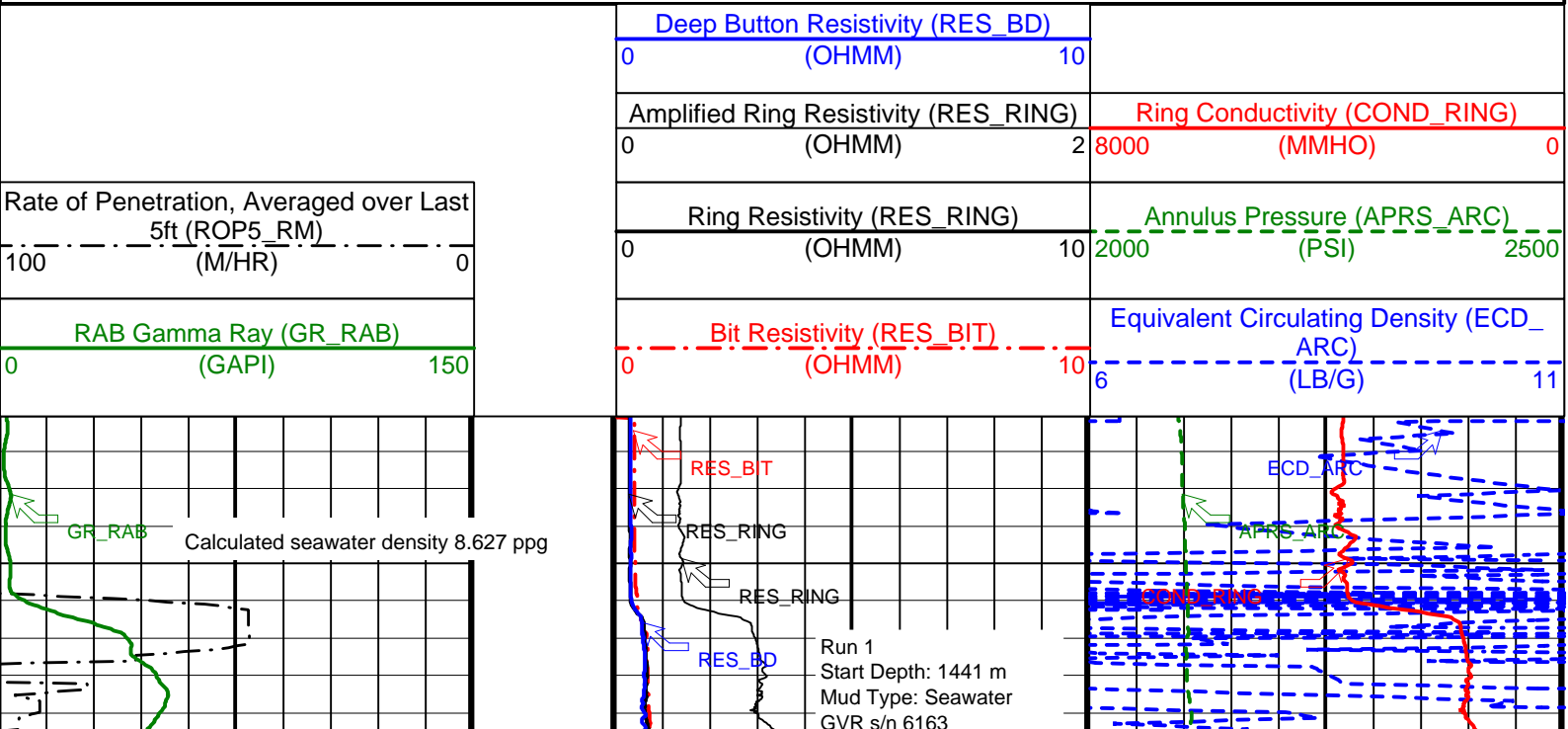
Hole size	from	to	Size	Density	from	to
9.875 in.	1441 m	1621 m				
Mud record						
Type	from	to	Min	Max	from	to
Seawater	1441 m	1621 m	0.62 deg.	1.03 deg.	1441 m	1621 m
Borehole deviation record						
Surface equipment						
Unit	TWIS	IDEAL Wis	10_OC_04.1			
Software record						
Depth system	Geograph	SPM	10_1C_05	See Remarks		
		LWD				
		MWD	8.0c00			

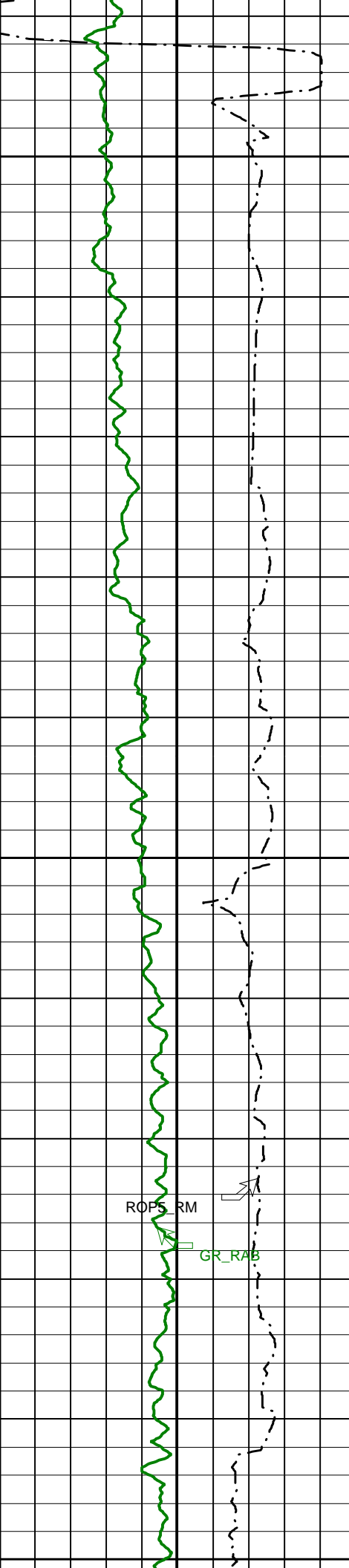
IDEAL Version: ID10_OC_04 IDF

Format: GEOVIS_RES_1MD

Vertical Scale: 1:200

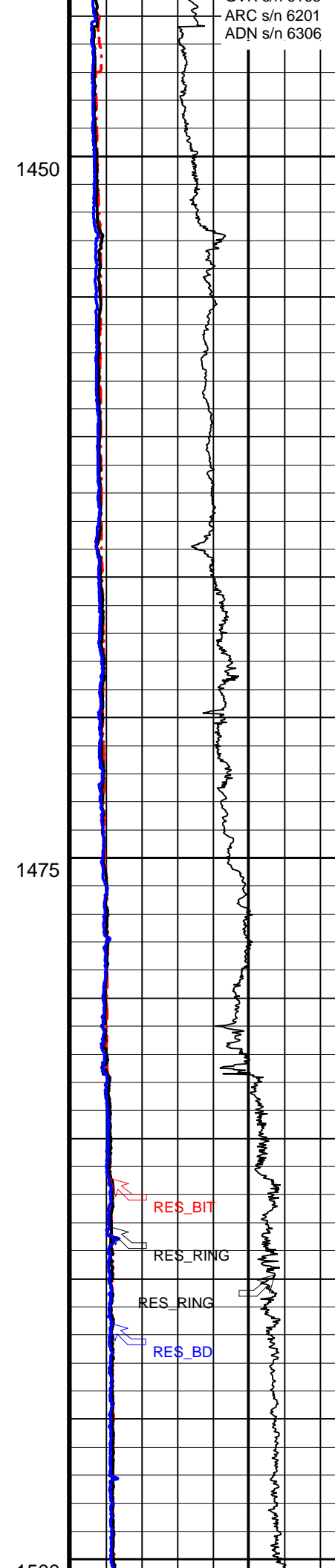
Graphics File Created: 30-Jun-2005 23:22





ROPS_RM

GR_RAB

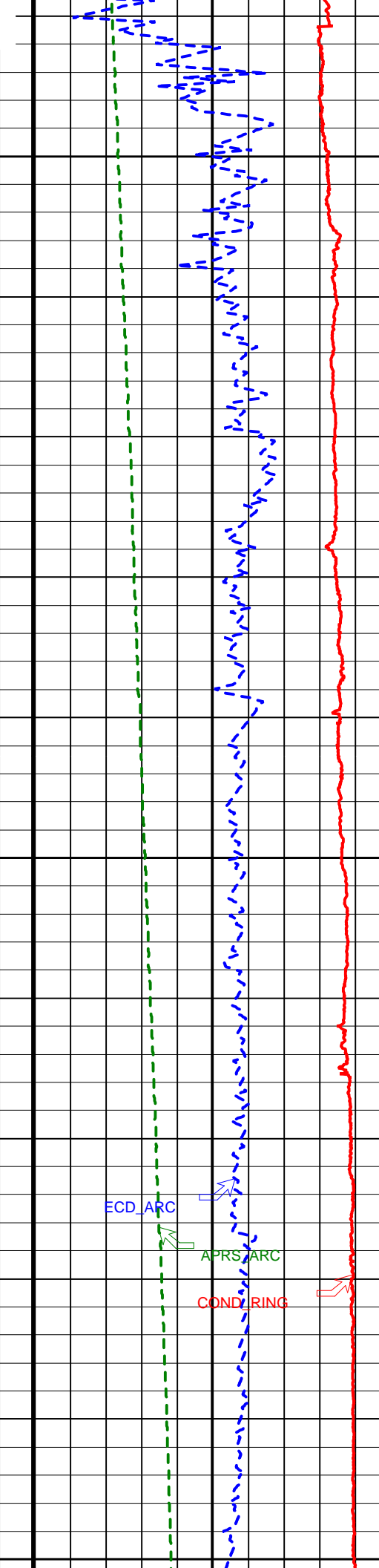


RES_BIT

RES_RING

RES_RING

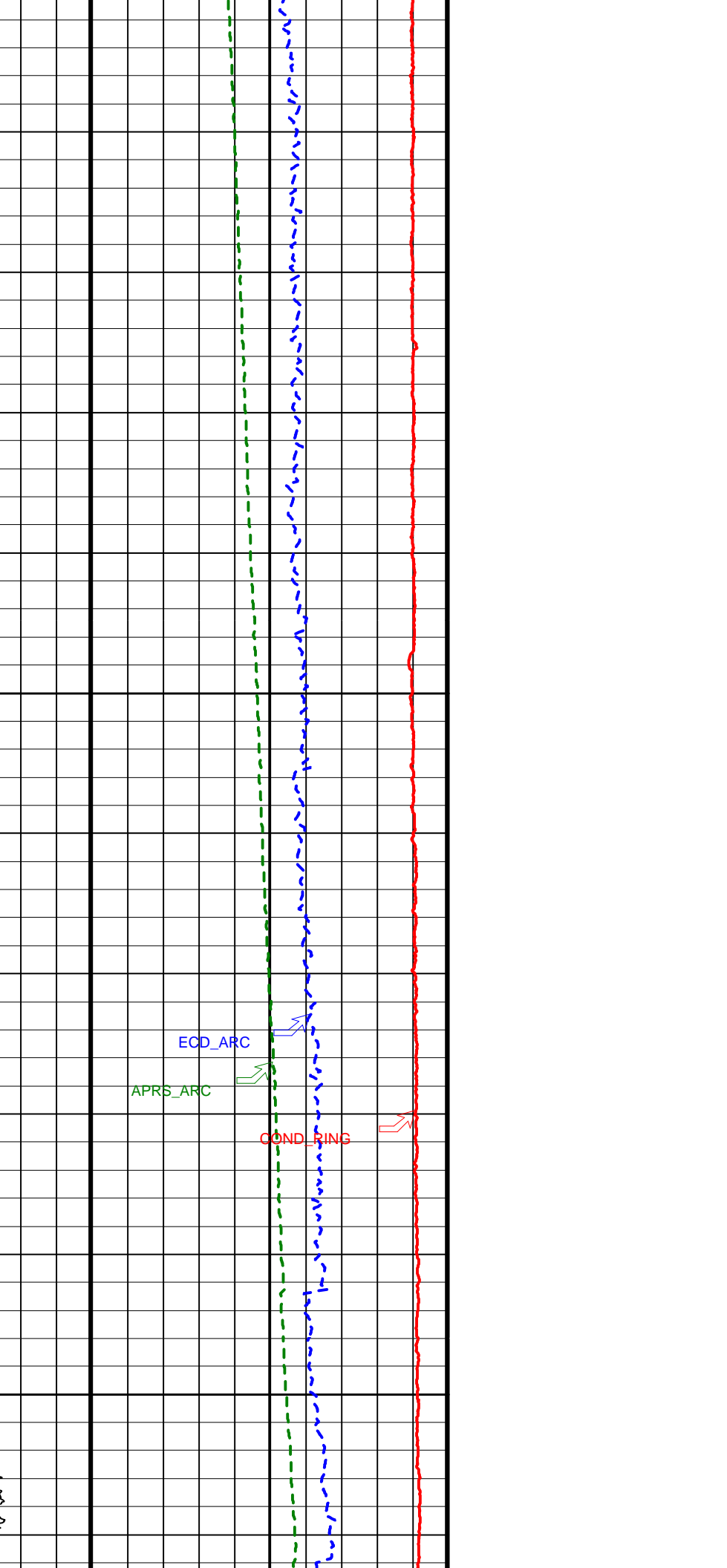
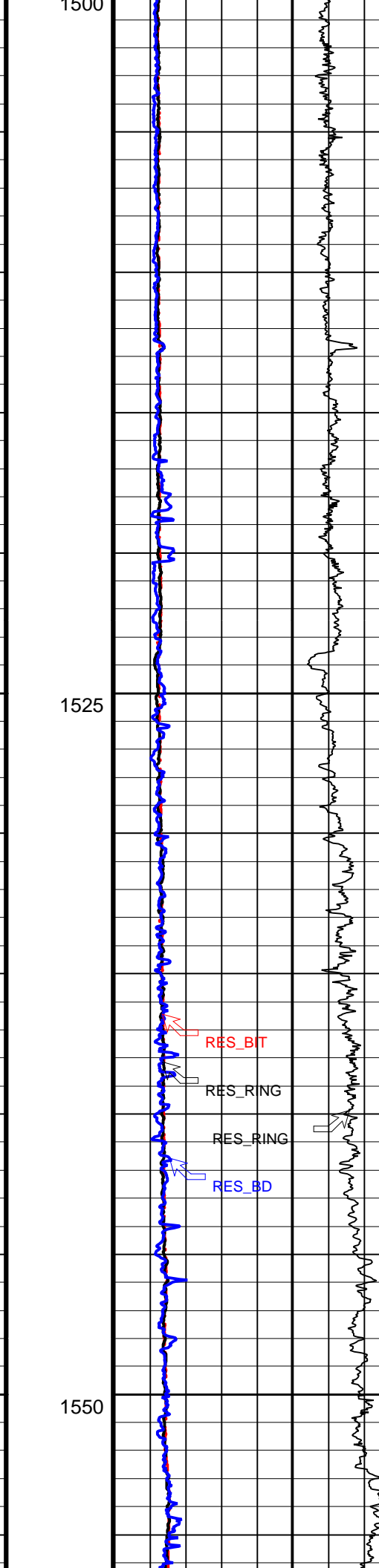
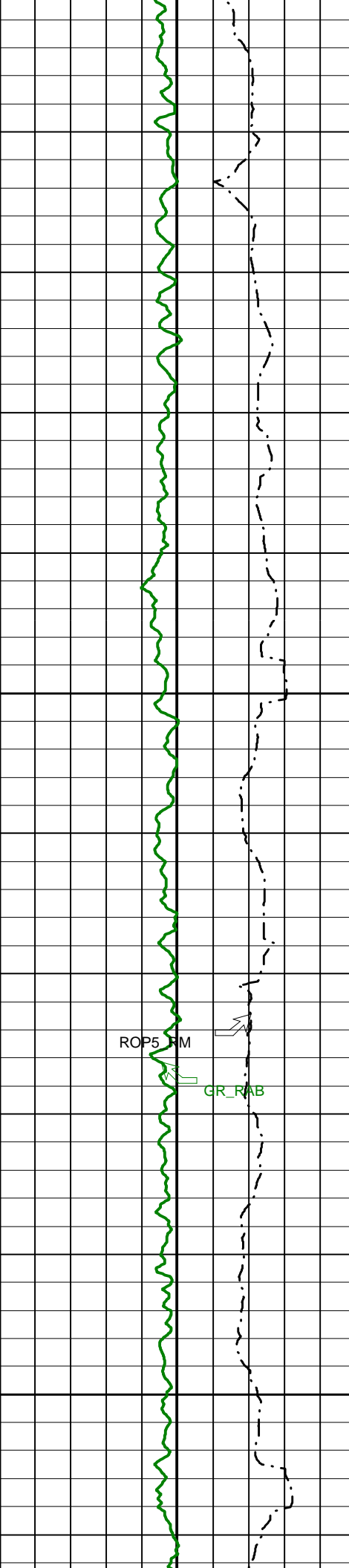
RES_BD

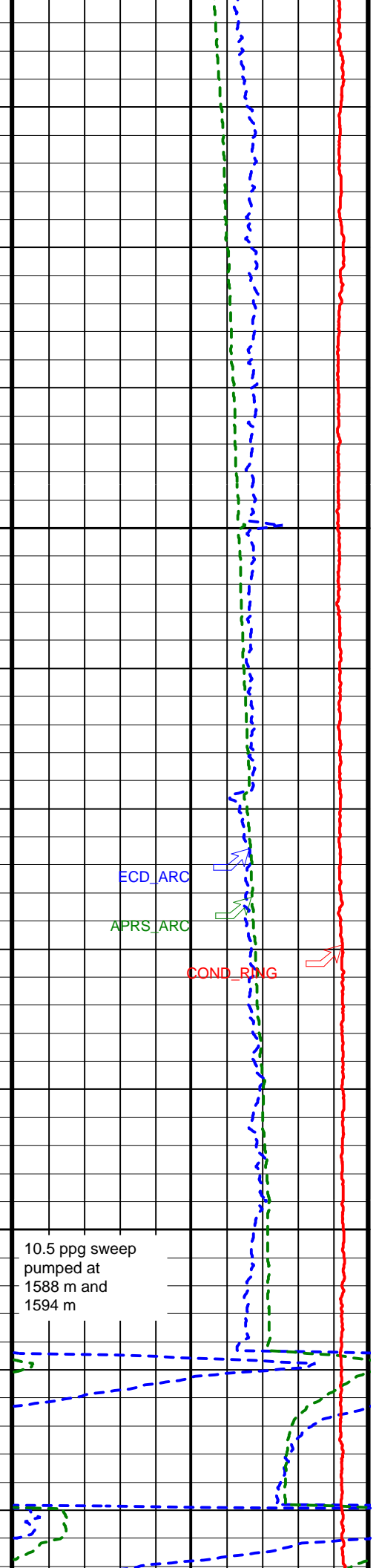
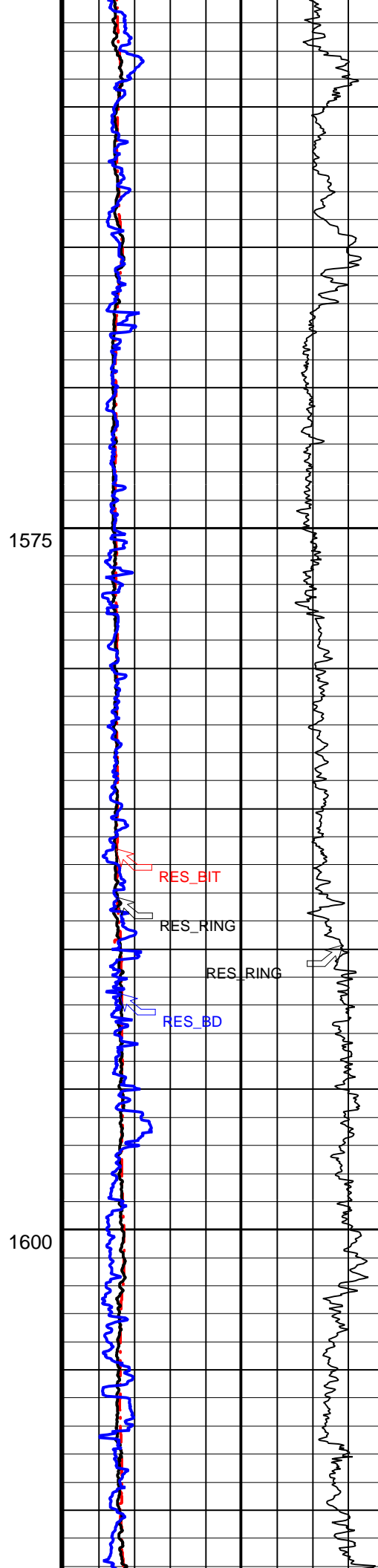
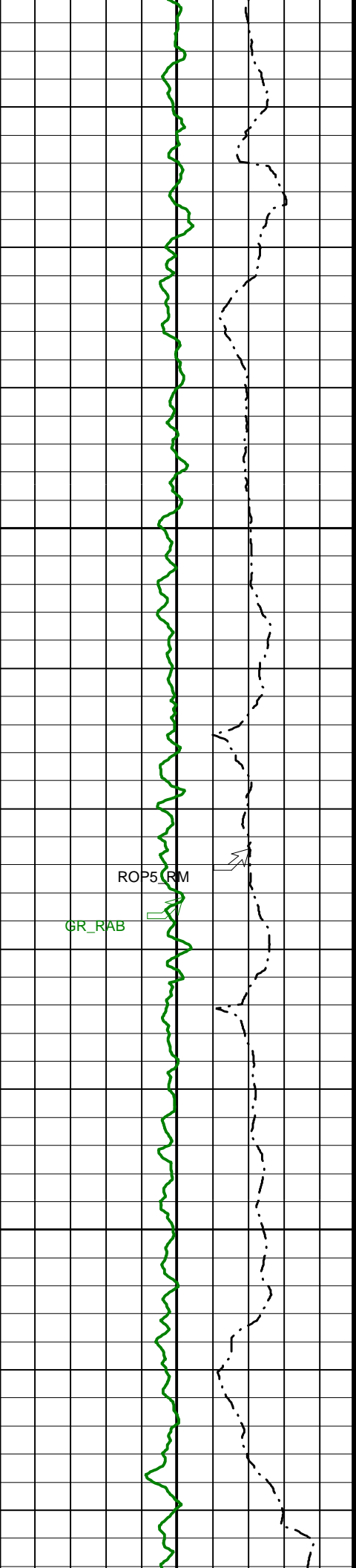


ECD_ARC

APRS_ARC

COND_RING





1575

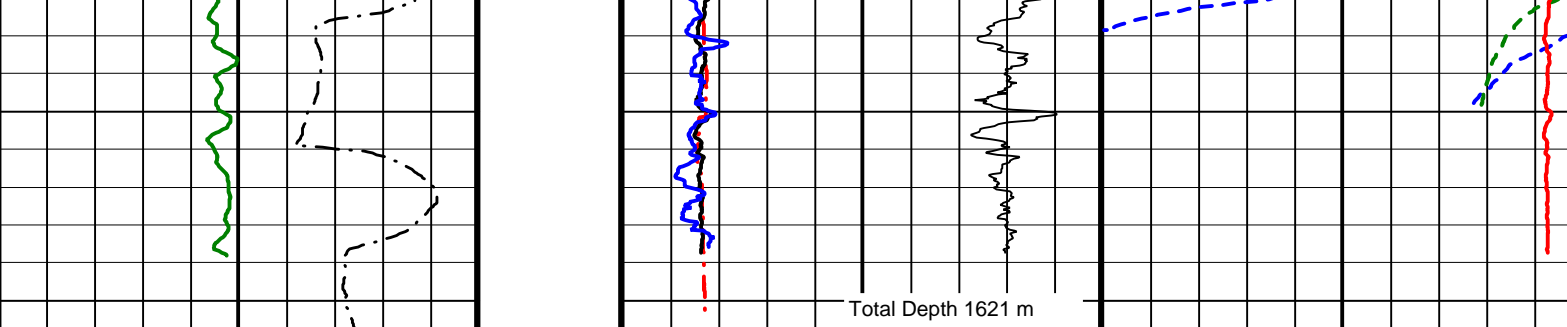
1600

GRAB
ROP5 RM

RES_BIT
RES_RING
RES_RING
RES_BD

ECD_ARC
APRS_ARC
COND_RING

10.5 ppg sweep
pumped at
1588 m and
1594 m



<p>RAB Gamma Ray (GR_RAB) (GAPI) 0 150</p> <p>Rate of Penetration, Averaged over Last 5ft (ROP5_RM) (M/HR) 100 0</p>	<p>Bit Resistivity (RES_BIT) (OHMM) 0 10</p> <p>Ring Resistivity (RES_RING) (OHMM) 0 10</p> <p>Amplified Ring Resistivity (RES_RING) (OHMM) 0 2</p> <p>Deep Button Resistivity (RES_BD) (OHMM) 0 10</p>	<p>Equivalent Circulating Density (ECD_ARC) (LB/G) 6 11</p> <p>Annulus Pressure (APRS_ARC) (PSI) 2000 2500</p> <p>Ring Conductivity (COND_RING) (MMHO) 8000 0</p>
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IDEAL Version: ID10_OC_04
IDF

SCHLUMBERGER

Survey report 28-Jun-2005 22:45:40 Page 1 of 2

Client.....: Integrated Ocean Drilling Program
Field.....: East Breaks Block 735

Well.....: IODP Exp 308 Hole U1319B Spud date.....: 12-Jun-05
Site.....: Brazos Trinity Basin Last survey date.....: 12-Jun-05
Engineer.....: Hoong, K. Total accepted surveys...: 5

Rig.....: Joides Resolution MD of first survey.....: 1441.00 m
State.....: Texas MD of last survey.....: 1621.00 m

----- Survey calculation methods----- Geomagnetic data -----
Method for positions.....: Minimum curvature Magnetic model.....: BGM version 2004
Method for DLS.....: Mason & Taylor Magnetic date.....: 12-Jun-2005

----- Depth reference -----
Permanent datum.....: Mean Sea Level Magnetic field strength..: 937.38 HCNT
Depth reference.....: Drill Floor Magnetic dec (+E/W-).....: 3.52 degrees
GL above permanent.....: -1430.60 m Magnetic dip.....: 56.97 degrees

----- MWD survey Reference Criteria -----
KB above permanent.....: 10.40 m Reference G.....: 999.11 mGal
DF above permanent.....: 10.40 m Reference H.....: 937.38 HCNT
Reference Dip.....: 56.97 degrees

----- Vertical section origin-----
Latitude (+N/S-).....: 0.00 m Tolerance of G.....: (+/-) 2.50 mGal
Departure (+E/W-).....: 0.00 m Tolerance of H.....: (+/-) 6.00 HCNT
Tolerance of Dip.....: (+/-) 0.45 degrees

----- Platform reference point----- Corrections -----
Latitude (+N/S-).....: 0.00 m Magnetic dec (+E/W-).....: 3.52 degrees
Departure (+E/W-).....: 0.00 m Grid convergence (+E/W-).....: -0.64 degrees


Azimuth from Vsect Origin to target: 0.00 degrees (Total az corr = magnetic dec - grid conv)
Survey Correction Type

----- Coordinate System-----
Geodetic Datum.....: NAD 27 I=Sag Corrected Inclination
Projection Identification: UTM Zone 15 N M=Schlumberger Magnetic Correction
S=Shell Magnetic Correction
F=Failed Axis Correction
R=Magnetic Resonance Tool Correction
D=Dmag Magnetic Correction

Seq	Measured	Incl	Azimuth	Course	TVD	Vertical	Displ	Displ	Total	At	DLS	Srvy	Tool
#	depth	angle	length	depth	section	+N/S-	+E/W-	displ	Azim	(deg/	10m)	type	(deg)
-	(m)	(deg)	(deg)	(m)	(m)	(m)	(m)	(deg)	(deg)				

1	1441.00	0.00	0.00	0.00	1441.00	0.00	0.00	0.00	0.00	0.00	0.00	TIP	None
2	1505.50	1.03	182.64	64.50	1505.50	-0.58	-0.58	-0.03	0.58	182.64	0.16	MWD_M	None
3	1534.50	0.66	179.60	29.00	1534.49	-1.01	-1.01	-0.04	1.01	182.14	0.13	MWD_M	None
4	1605.60	0.62	182.12	71.10	1605.59	-1.80	-1.80	-0.05	1.80	181.56	0.01	MWD_M	None
5	1621.00	0.62	182.12	15.40	1620.99	-1.97	-1.97	-0.06	1.97	181.60	0.00	Proj to TD	

[(c)2005 IDEAL ID10_OC_04]

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Rig: Joides Resolution	
State: Texas	
GeoVISION Resistivity 1 : 200 Measured Depth Recorded Mode Log	