



adnVISION Density & Neutron @ 10 sec  
 geoVISION Res @ 5 sec, GR @ 10 sec

Tool Software Version:  
 TeleScope: 9.0\_C03 adnVISION: 8.3\_A02  
 geoVISION: 6.2\_B01  
 Crew: L. Loh and D. Buster

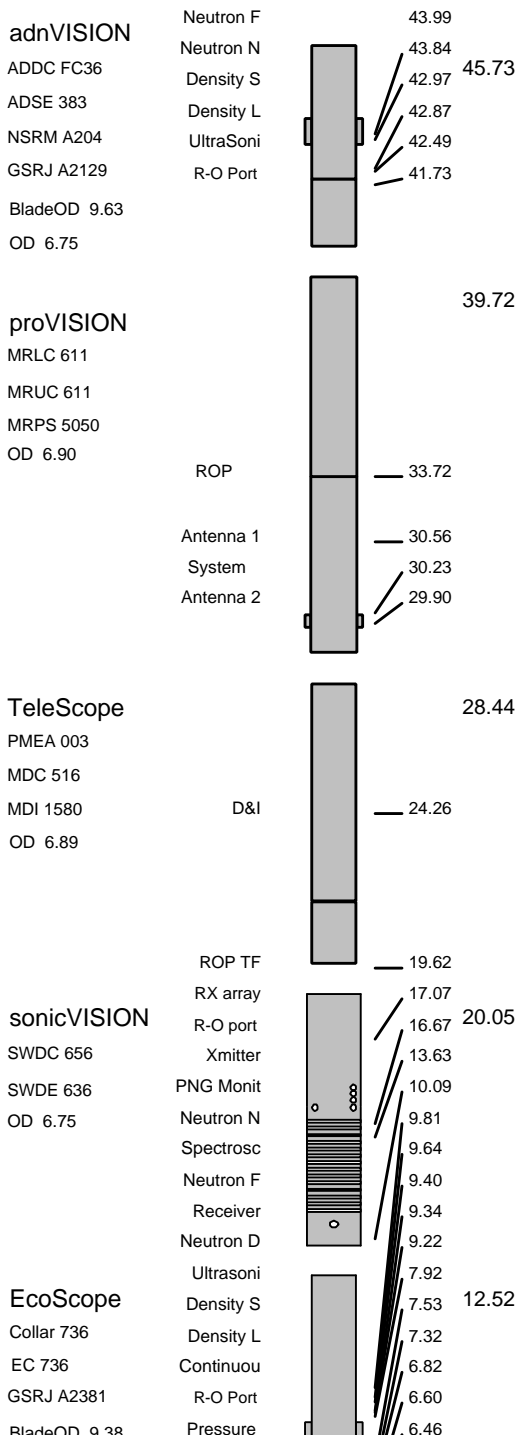
## EQUIPMENT DESCRIPTION

RUN1

RUN

RUN

### DOWNHOLE EQUIPMENT





Variable Name	Variable Description	Run Name & Value
---------------	----------------------	------------------

Run Number

1

General Information

BHT_RM	Bottom Hole Temperature (RM)	41.000008
BSAL_RM	Mud Salinity (RM)	0.000000
BS_RM	Bit Size (RM)	9.875000
COEF_M	User Defined FEXP in Clean Sand	1.650000
C_WS	Overpressure correction to Sw and M	1.000000
FEXP	Formation Factor Exponent(RM)	2.000000
FNUM	Formation Factor Enumerator(RM)	1.000000
FPHI_RM	Formation Factor Porosity Source (RM)	XPLOT
MST_RM	Mud Sample temperature (RM)	75.000000
MW_RM	Mud Weight (RM)	8.500000
OBMF_RM	Oil Based Mud (RM)	NO
RHOF_RM	Mud Filtrate Density (RM)	1.000000
RHOM_RM	Matrix density (RM)	2.650000
RMS_RM	Resistivity of Mud Sample (RM)	1.000000
RWA_COMP_M	Rwa computation model	BASIC
RWA_DEN_AD	Rwa Density Input ADN	RHOB
RWA_DEN_CD	Rwa Density Input CDN	RHOB
RWA_DEN_IN	Rwa Density Input	RHOB
RWA_FORM_M	Rwa computation formation model	CLASTIC
RWA_RES_IN	Rwa computation resistivity input	RT
RWS_RM	Resistivity of Connate Water (RM)	1.000000
SHT_RM	Surface Hole Temperature (RM)	15.320000
TD_RM	Total Measured Depth (RM)	8405.500000
TWS_RM	Temperature of Connate Water (RM)	75.000000
VF_ILLI	Fraction of illite in shales	0.500000
VF_KAOL	Fraction of kaolinite in shales	0.500000
VF_MONT	Fraction of montmorillonite in shales	0.000000
XPDM_RM	Cross plot density porosity multiplier	0.675000
XPNM_RM	Cross plot neutron porosity multiplier	0.325000

RAB

LWD_RM/STATION_FILE/PARAMETER	Station Time-frame file name	Station
RAB/BTN_SLV_SIZE/PARAMETER	RAB: Button Sleeve Diameter	RAB6:
RAB/STAB_SIZE/PARAMETER	RAB: Stabilizer Diameter	RAB6:
BDBHCA	RAB: Button Deep Borehole A Factor	-0.025702
BDBHCB	RAB: Button Deep Borehole B Factor	0.000000
BHA_COEF_V	RAB: BHA Coef Generator Version	62012.000000
BITBHCA	RAB: Bit A Borehole Factor	0.084562
BITBHCB	RAB: Bit B Borehole Factor	0.000000
BIT_K_FACT	RAB: Bit K Factor	3.552125
BMBHCA	RAB: Button Medium Borehole A Factor	0.040313
BMBHCB	RAB: Button Medium Borehole B Factor	0.000000
BSBHCA	RAB: Button Shallow Borehole A Factor	0.072884
BSBHCB	RAB: Button Shallow Borehole B Factor	0.000000
BUT_KIMP_A	RAB: Button Impedance Coeff A	0.000000
BUT_KIMP_B	RAB: Button Impedance Coeff B	0.000000
DBUTTON_K	RAB: Button Deep K factor	0.004559
DHS_VERSIO	RAB: DownHole Software Version	6.200100
GR_BHC_TOO	RAB: Gamma-Ray Borehole Coeff 1	6.750000
HI_CSDEPTH	RAB: Allow Hi-Resolution CS_DEPTH Image Data Output	YES
HI_DLIS_OU	RAB: Allow Hi-Resolution DLIS Image Data Output	YES
HI_RIVER_O	RAB: Allow Hi-Resolution River for Image Data Output	YES
IMAGE_MAX_	RAB: GR Image Maximum Scale Value	120.000000
IMAGE_MAX_	RAB: Image Maximum Resistivity Value	100.000000
IMAGE_MIN_	RAB: GR Image Minimum Scale Value	20.000000
IMAGE_MIN_	RAB: Image Minimum Resistivity Value	1.000000
JSD_RAB	RAB Acquisition start date	1.000000
MAG_DECL_R	RAB: Magnetic Declination	18.829971
MAG_INCL_R	RAB: Magnetic Dip	69.169991
MBUTTON_K	RAB: Button Medium K Factor	0.004827
OBM	RAB: Oil base Mud	NO
ORIENTATIO	Rab Image Orientation	NORTH
RABBDA0	RAB: Button Deep A0 Coeff	-0.037426
RABBDA1	RAB: Button Deep A1 Coeff	0.021246
RABBDA2	RAB: Button Deep A2 Coeff	-0.005687
RABBDA3	RAB: Button Deep A3 Coeff	0.000650
RABBDA4	RAB: Button Deep A4 Coeff	-0.000026
RABBDA5	RAB: Button Deep A5 Coeff	0.000000
RABBDMIN	RAB: Button Deep Minimum Value	0.050597
RABBITA0	RAB: Bit A0 Coeff	0.494524
RABBITA1	RAB: Bit A1 Coeff	-0.369180
RABBITA2	RAB: Bit A2 Coeff	0.168689
RABBITA3	RAB: Bit A3 Coeff	-0.034240
RABBITA4	RAB: Bit A4 Coeff	0.002516
RABBITA5	RAB: Bit A5 Coeff	0.000000
RABBITMIN	RAB: Bit Minimum Value	18.934801
RABBMA0	RAB: Button Medium A0 Coeff	-0.050768
RABBMA1	RAB: Button Medium A1 Coeff	0.028592
RABBMA2	RAB: Button Medium A2 Coeff	-0.007598
RABBMA3	RAB: Button Medium A3 Coeff	0.000860
RABBMA4	RAB: Button Medium A4 Coeff	-0.000034
RABBMA5	RAB: Button Medium A5 Coeff	0.000000
RABBMIN	RAB: Button Medium Minimum Value	0.056611
RABBSA0	RAB: Button Shallow A0 Coeff	-0.067409
RABBSA1	RAB: Button Shallow A1 Coeff	0.035666
RABBSA2	RAB: Button Shallow A2 Coeff	-0.009049
RABBSA3	RAB: Button Shallow A3 Coeff	0.000985

RABBSA4	RAB: Button Shallow A4 Coeff	-0.000038	
RABBSA5	RAB: Button Shallow A5 Coeff	0.000000	
RABBSMIN	RAB: Button Shallow Minimum Value	0.078704	
RABDHS	RAB Down Hole Software	4.000000	
RABEC	RAB: Resistivity Env-Cor	YES	
RABRNGA0	RAB: RING A0 Coeff	-0.032113	
RABRNGA1	RAB: RING A1 Coeff	0.019285	
RABRNGA2	RAB: RING A2 Coeff	-0.005312	
RABRNGA3	RAB: RING A3 Coeff	0.000619	
RABRNGA4	RAB: RING A4 Coeff	-0.000025	
RABRNGA5	RAB: RING A5 Coeff	0.000000	
RABRNGMIN	RAB: Ring Minimum Value	1.600639	
RAB_BIT_EC	Bit Resistivity for ECAL_RAB?	YES	
RAB_BIT_IN	Input Bit Resistivity for Inversion? (Recommended at the bit)	YES	YES
RAB_CALIPE	Compute ECAL_RAB?	YES	
RAB_DEEPBT	Deep Button Resistivity for ECAL_RAB?	YES	YES
RAB_DEEPBT	Input Deep Button Resistivity for Inversion?	YES	
RAB_INVERS	Perform Rt Inversion?	NO	
RAB_INVERS	RAB Bit Sensor Weight for Inversion[0,1]	1.000000	
RAB_INVERS	Ending Depth for GR Cutoff in Zone1 (default through the whole well)	100000.000000	
RAB_INVERS	Continuity Multiplier[0,1]	0.500000	
RAB_INVERS	RAB Deep Button Sensor Weight for Inversion[0,1]	1.000000	
RAB_INVERS	RAB inversion for Dh?	YES	
RAB_INVERS	RAB inversion for Di?	YES	
RAB_INVERS	GR Cutoff for Shale Formation	75.000000	
RAB_INVERS	GR Cutoff for Shale Formation in Zone1(default through the whole well)	75.000000	75.000000
RAB_INVERS	GR Cutoff in Zone10	75.000000	
RAB_INVERS	GR Cutoff in Zone2	75.000000	
RAB_INVERS	GR Cutoff in Zone3	75.000000	
RAB_INVERS	GR Cutoff in Zone4	75.000000	
RAB_INVERS	GR Cutoff in Zone5	75.000000	
RAB_INVERS	GR Cutoff in Zone6	75.000000	
RAB_INVERS	GR Cutoff in Zone7	75.000000	
RAB_INVERS	GR Cutoff in Zone8	75.000000	
RAB_INVERS	GR Cutoff in Zone9	75.000000	
RAB_INVERS	RAB Medium Button Sensor Weight for Inversion[0,1]	1.000000	
RAB_INVERS	Resistivity Cutoff for Shale Formation	2.000000	
RAB_INVERS	Resistive Invasion Allowed	NO	
RAB_INVERS	RAB Ring Sensor Weight for Inversion[0,1]	1.000000	
RAB_INVERS	RAB inversion for Rmud?	NO	
RAB_INVERS	RAB inversion for Rt?	YES	
RAB_INVERS	Rt to R-deepest separation penalty multiplier[0,1]	0.500000	
RAB_INVERS	RAB inversion for Rxo?	YES	
RAB_INVERS	RAB Shallow Button Sensor Weight for Inversion[0,1]	1.000000	
RAB_INVERS	Inversion Threshold[0, 0.3]	0.010000	
RAB_INVERS	Formation Water Resistivity	0.100000	
RAB_INVERS	Formation Water Temperature	150.000000	
RAB_MEDIUM	Medium Button Resistivity for ECAL_RAB?	YES	
RAB_MEDIUM	Input Medium Button Resistivity for Inversion?	YES	
RAB_QUAD	RAB: Process Quadrant data ?	YES	
RAB_RIGMOD	Bit on Bottom?	YES	
RAB_RING_E	Ring Resistivity for ECAL_RAB?	YES	
RAB_RING_I	Input RING Resistivity for Inversion?	YES	
RAB_SHALLO	Shallow Button Resistivity for ECAL_RAB?	YES	YES
RAB_SHALLO	Input Shallow Button Resistivity for Inversion?	YES	YES
RAB_TAB	RAB: Compute TAB ?	YES	
RAB_TECHLO	RAB: Generate Techlog ?	YES	
RAB_TEMP_S	RAB Temperature Selection	MEASURED	
RAB_TICKS	RAB: Generate Ticks ?	YES	
READOUT_PO	RAB: ROP to Bit Face Distance	7.746063	
RINGBHCA	RAB: Ring Borehole A Factor	0.298027	
RINGBHCB	RAB: Ring Borehole B Factor	0.000000	
RING_KIMP_	RAB: Ring Impedance Coeff A	0.000000	
RING_KIMP_	RAB: Ring Impedance Coeff B	0.000000	
RING_K_FAC	RAB: Ring K Factor	0.152085	
SBUTTON_K	RAB: Button Shallow K Factor	0.006557	
SCALE_IMAG	RAB: Process Image Data	YES	
STAB	RAB: Run with Stabilizer	YES	
TFF_OFFSET	RAB Time-Frame File Time Offset	0.000000	
TIMEFRAME_	RAB: Time Frame File Name	0.000000	
TOOLTYPE	RAB: Azimuthal Tool	YES	
TS_VERSION	RAB: ToolScope Software Version	0.000000	
VRAB6	Rab Tool type (ENP/PILOT)	RAB6_C_SERIES	
WIN_SIZE_D	RAB: Window Size for Scaling Dynamic Image	3.000000	

### ADN

ADN_CHASSI	ADN Chassis Type String	ADN	
ADN_COLLAR	ADN Collar Type String	ADN	
ADN_STAB_S	ADN Stabilizer Type String	ADN	
ALPHA_COMP	Perform Density Enhanced Vertical Resolution process ?	YES	YES
ALPHA_COMP	Perform Neutron Enhanced Vertical Resolution process ?	YES	YES
AVE_ADN	ADN/Array Channels: perform averaging(RM) :	YES	
A_DHS	ADN Down Hole Software Version String	YES	
CHI_RM	Caliper High limit from BS (RM)	3.000000	
CLO_RM	Caliper Low limit from BS (RM)	0.000000	
DEVI	Well Section Deviation	1.000000	
DTIK_SEL	ADN: Density Tick Channel Name	LSAZ	
DTMUD	Delta-T for Mud	190.000000	
DYN_IMG_CO	Generate Dynamic Normalized Image?	YES	
ECC_CORR_A	Perform Eccentering Correction for TNPH?	YES	
ENVCOR	Neutron Quadrant Processing: Environmental Correction?	YES	
EVRL	EVR Process averaging number of samples (RM)	49	
FCD	Future Casing (Outer) Diameter	0.000000	
GCSE	Generalized Caliper Selection	BS	
HPS	ADSE-EB (High Pressure Inconel Chassis)?	NO	
IRS	Internal Blade Stabilizer Collar?	NO	

IBS	Integrar Blade Stabilizer Conat :	NO
IDQT	Image Derived Quality Threshold	1.000000
IHVS	Integrated Hole Volume Start Value(RM)	0.000000
IMAGE_MAX_	Image SOA (Quadrant) Right Scale	2.500000
IMAGE_MAX_	Image PEF(Segment) Right Scale	6.000000
IMAGE_MAX_	Image RHOB(Segment) Right Scale	2.650000
IMAGE_MIN_	Image SOA (Quadrant) Left Scale	0.000000
IMAGE_MIN_	Image PEF(Segment) Left Scale	2.000000
IMAGE_MIN_	Image RHOB(Segment) Left Scale	2.050000
LITHO_TYPE	Lithology (RM)	SAND
N1FTU_6_RM	ADN: Neutron Bank 1 Far Tubes used :	1-2-3
N2FTU_6_RM	ADN: Neutron Bank 2 Far Tubes used :	1-2-3
NNTU_RM	ADN Neutron Near Banks Used	1-2
NTIK_SEL	ADN: Neutron Tick Channel Name	FR11
SOCNL	Standoff Distance of the CNL Tool	1.000000
SSIZ_ADN	ADN Stabilizer Size	9.500000
STOH	ADN Density Top of Hole Sector (Left Boundary):	SECTOR_0
TRPM_RM	Average Tool Rotational Speed	20.000000
USMIN_RM	ADN:Minimum Ultrasonic standoff (RM)	0.180000
USWF_RM	ADN:Process Ultrasonic Waveform?	YES
VERS_ADN	ADN Downhole Software Version	8.300000
WSDI	Window Size of Dynamic Normalization Image	50.000000

Schlumberger Drilling & Measurements

Parameter Insert Header Software version 2.0c

## IDEAL Version: ID10\_2B\_08

IDF

ADN id10\_2c\_01

Format: GEOVIS\_SER\_5MD Vertical Scale: 1:240 Graphics File Created: 02-Oct-2005 16:58

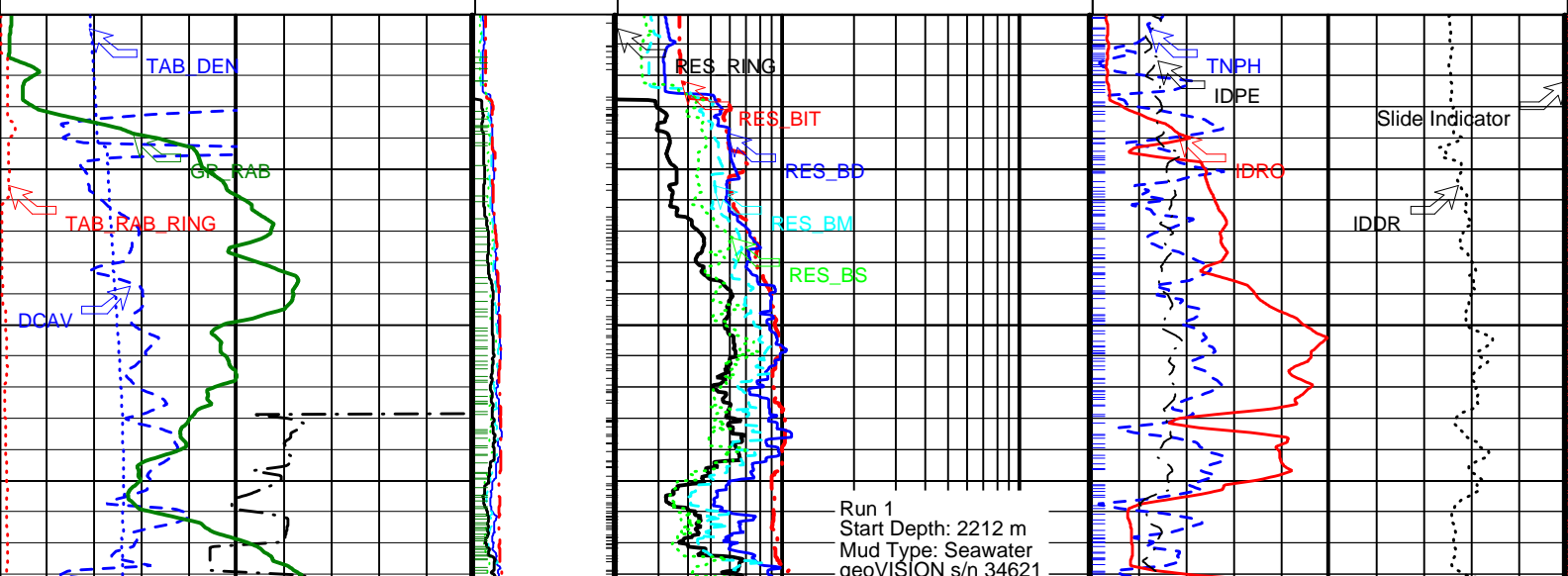
### PIP SUMMARY

Density Ticks, 0.1-ft

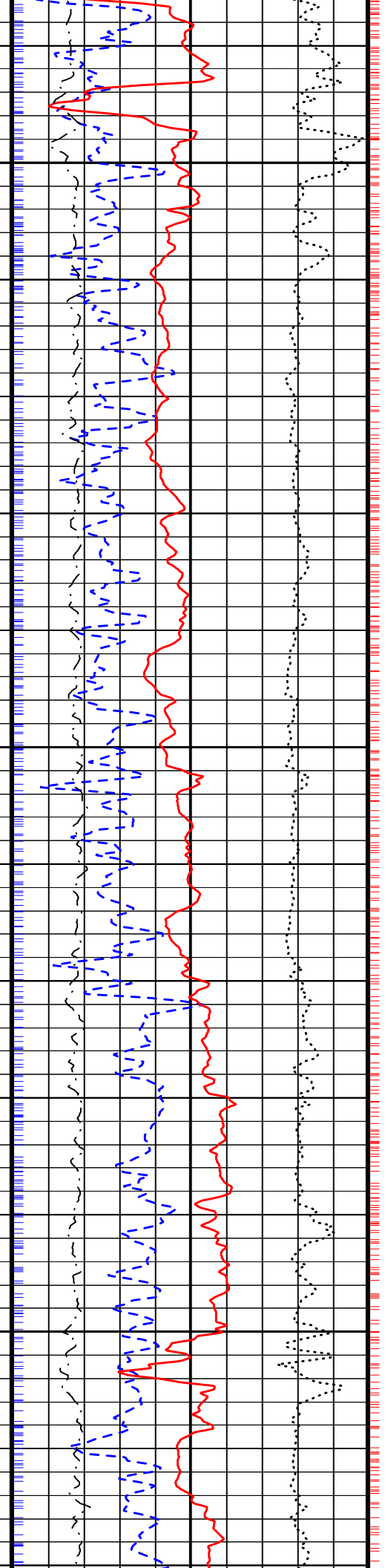
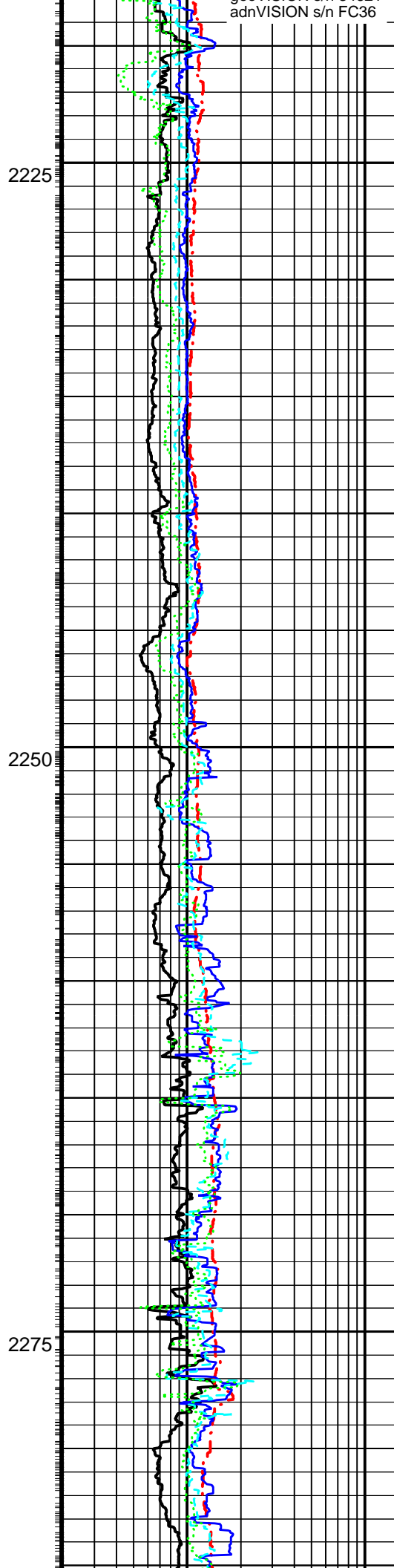
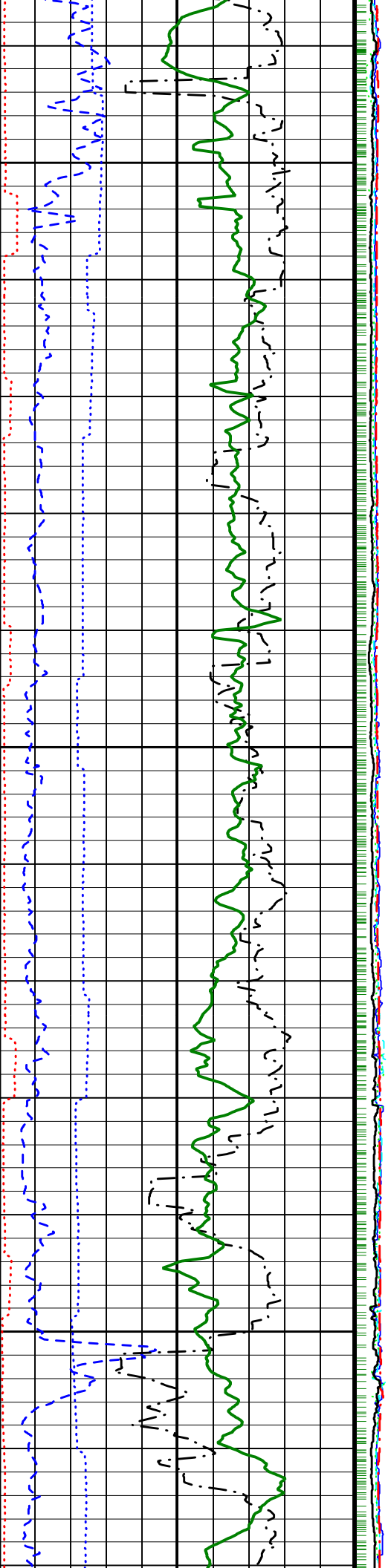
Neutron Ticks, 0.1 ft

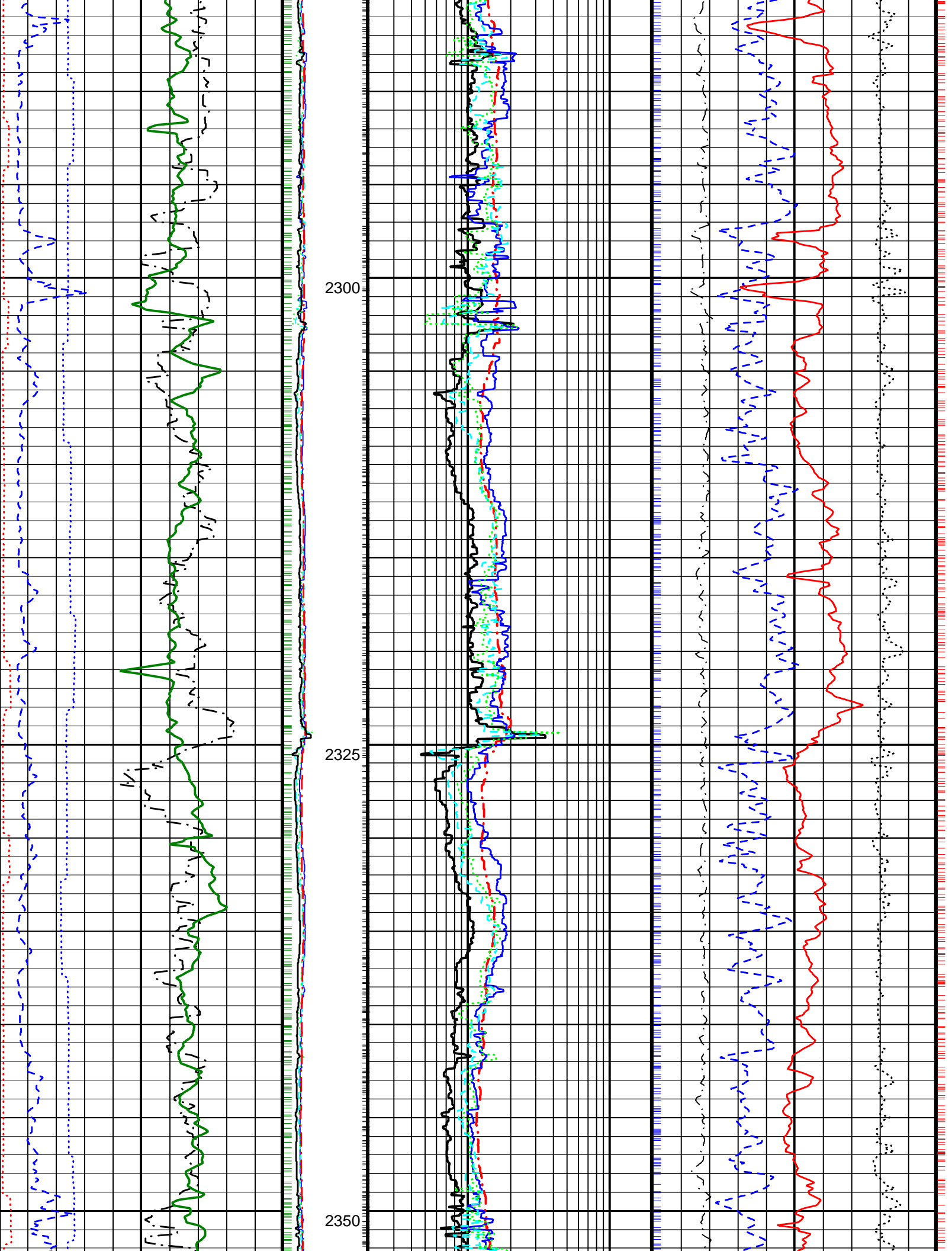
+ Ring Samples  
+ Gamma Ray Samples

<p><b>Ring Resistivity Time After Bit (TAB_RAB_RING)</b> (HR) 0 to 10</p> <hr style="border-top: 1px dashed red;"/> <p><b>Rate of Penetration, Averaged over Last 5ft (ROP5_RM)</b> (M/HR) 100 to 0</p> <hr style="border-top: 1px dashed black;"/> <p><b>Density Caliper, Average (DCAV)</b> (IN) 9 to 14</p> <hr style="border-top: 1px dashed blue;"/> <p><b>RAB Gamma Ray (GR_RAB)</b> (GAPI) 0 to 150</p> <hr style="border-top: 1px dashed green;"/> <p><b>Density Time After Bit (TAB_DEN)</b> (HR) 0 to 10</p>	<p><b>Shallow Button Resistivity (RES_BS)</b> (OHMM) 0.2 to 20</p> <hr style="border-top: 1px dashed green;"/> <p><b>Medium Button Resistivity (RES_BM)</b> (OHMM) 0.2 to 20</p> <hr style="border-top: 1px dashed cyan;"/> <p><b>Deep Button Resistivity (RES_BD)</b> (OHMM) 0.2 to 20</p> <hr style="border-top: 1px dashed blue;"/> <p><b>Bit Resistivity (RES_BIT)</b> (OHMM) 0.2 to 20</p> <hr style="border-top: 1px dashed red;"/> <p><b>Ring Resistivity (RES_RING)</b> (OHMM) 0.2 to 20</p>	<p><b>Image Derived Photoelectric Factor (IDPE)</b> (---) 0 to 10</p> <hr style="border-top: 1px dashed black;"/> <p><b>Image Derived Density Correction (IDDR)</b> (G/C3) -0.8 to 0.2</p> <hr style="border-top: 1px dashed black;"/> <p><b>Image Derived Density (IDRO)</b> (G/C3) 1 to 2.65</p> <hr style="border-top: 1px dashed red;"/> <p><b>Thermal Neutron Porosity (TNPH)</b> (PU) 100 to 0</p>
--	--	--

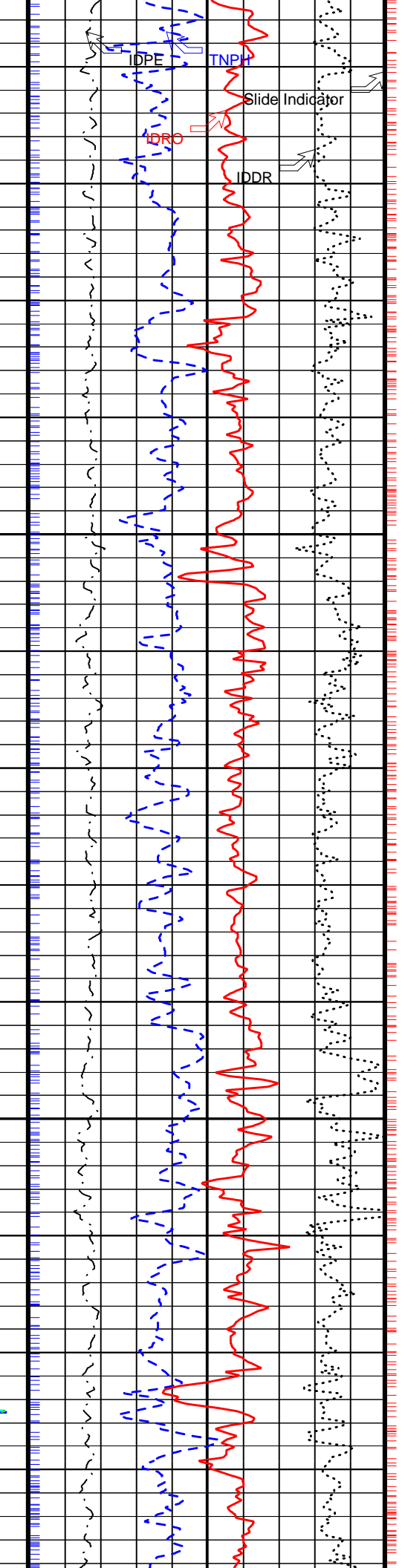
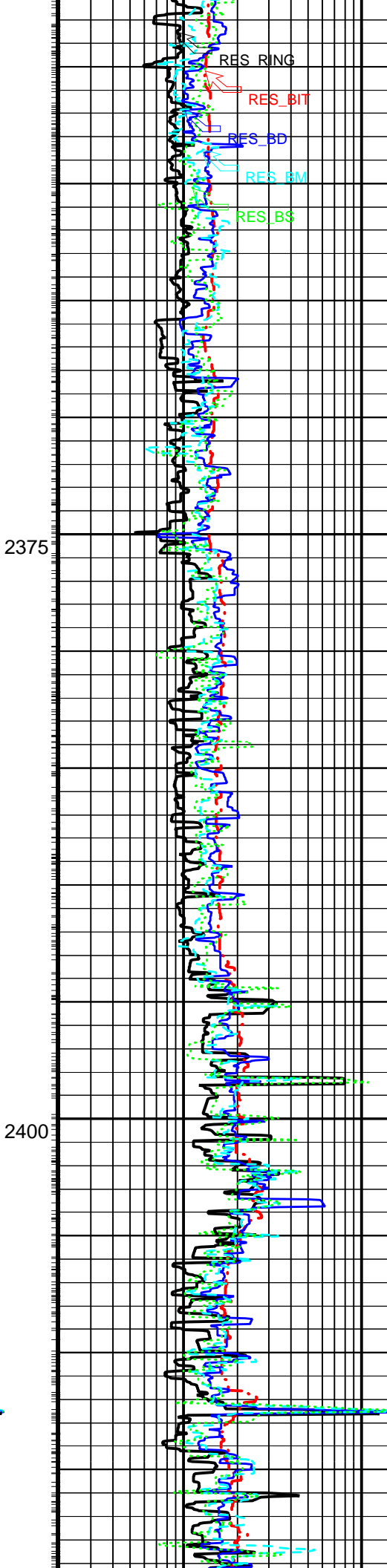
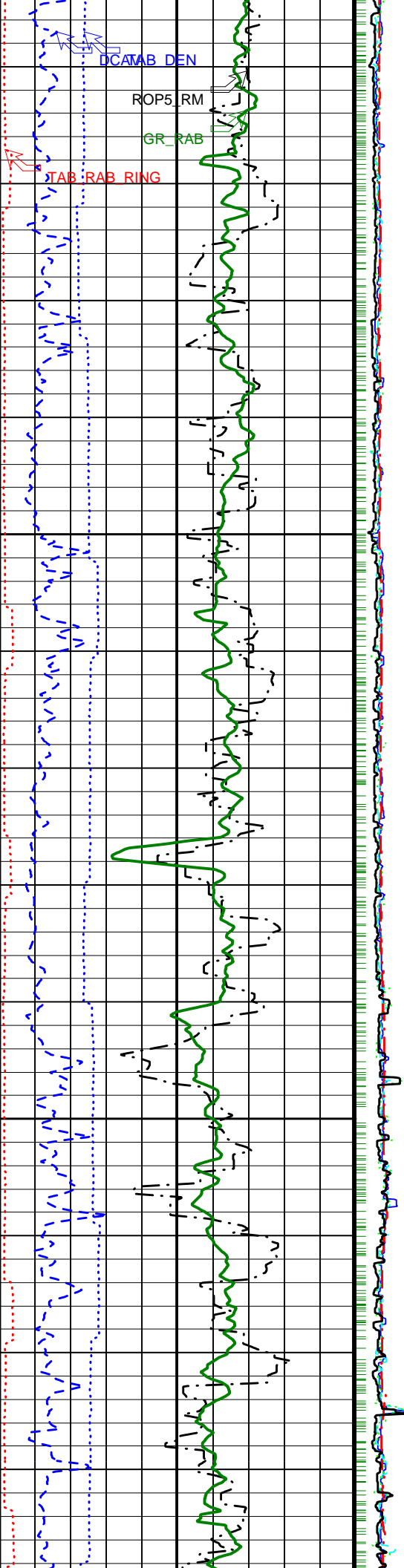


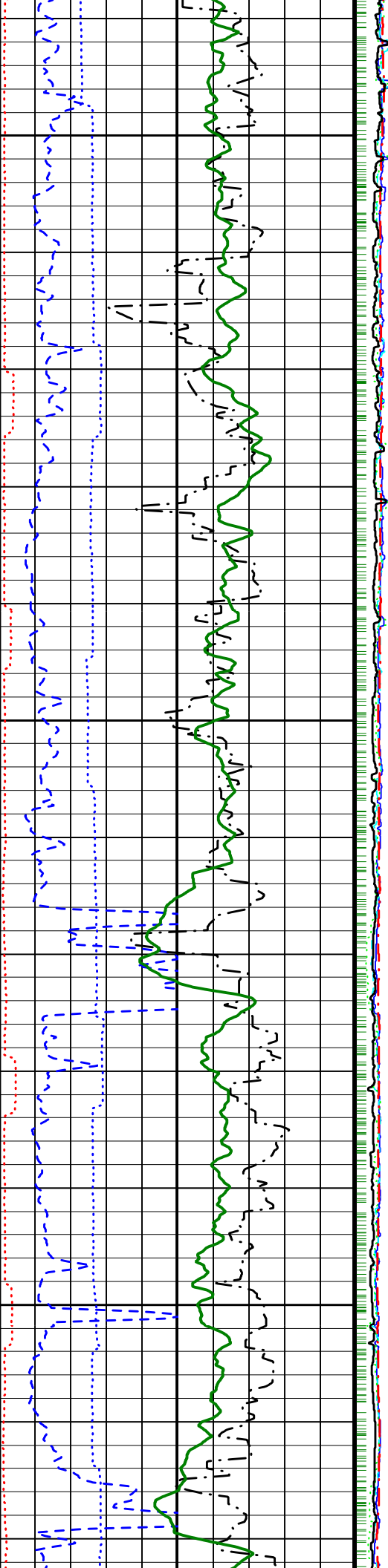
Run 1  
Start Depth: 2212 m  
Mud Type: Seawater  
geoVISION s/n 34621







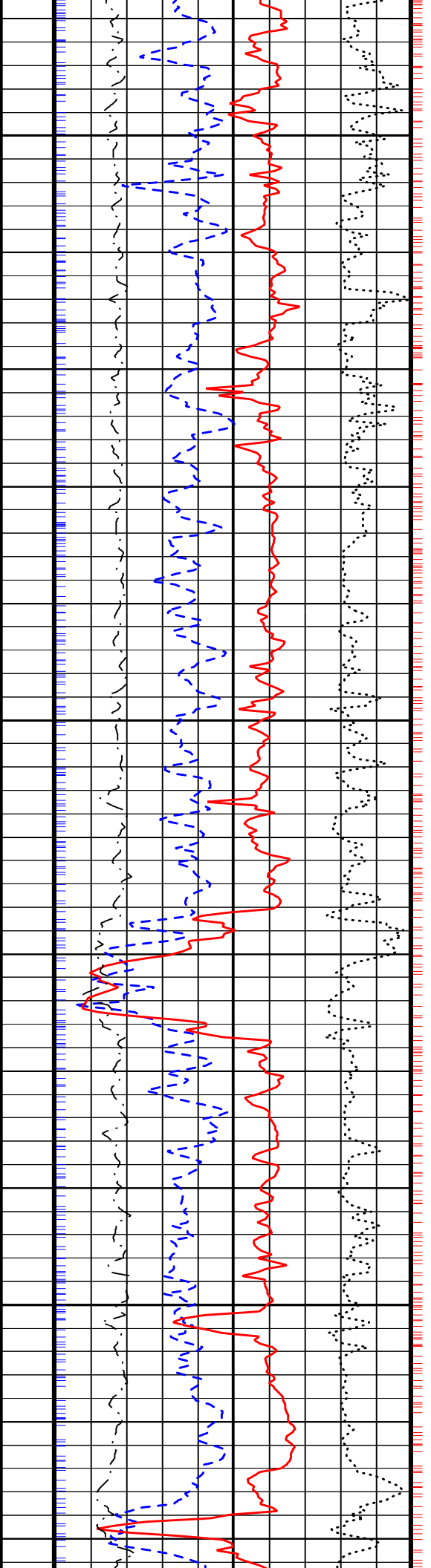
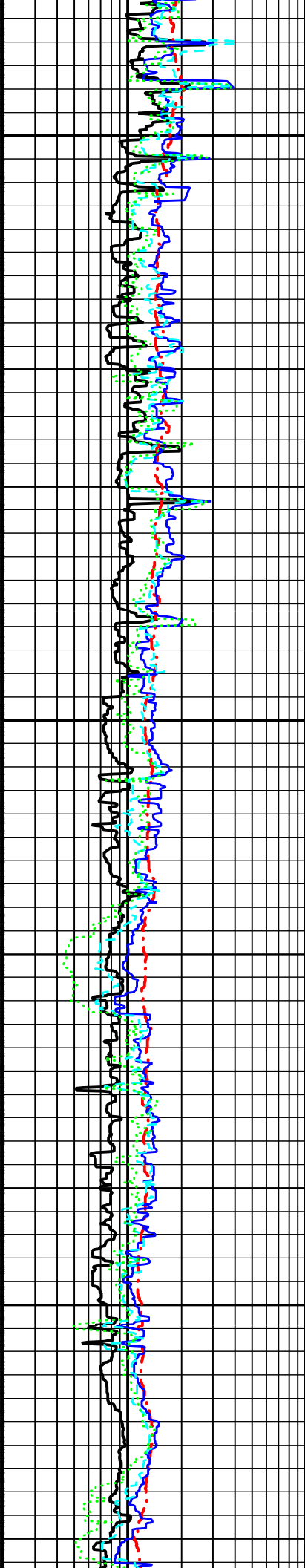


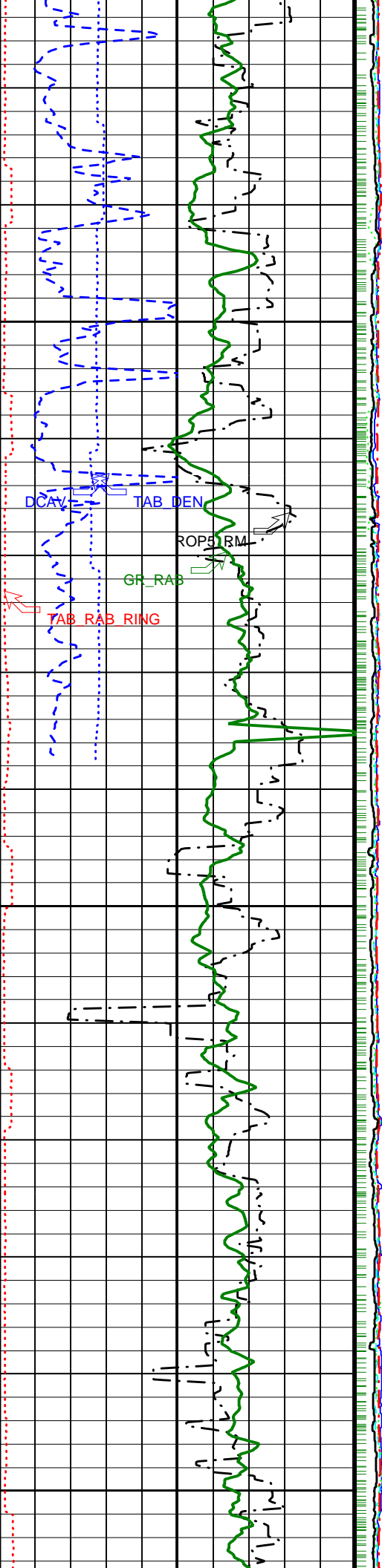


2425

2450

2475

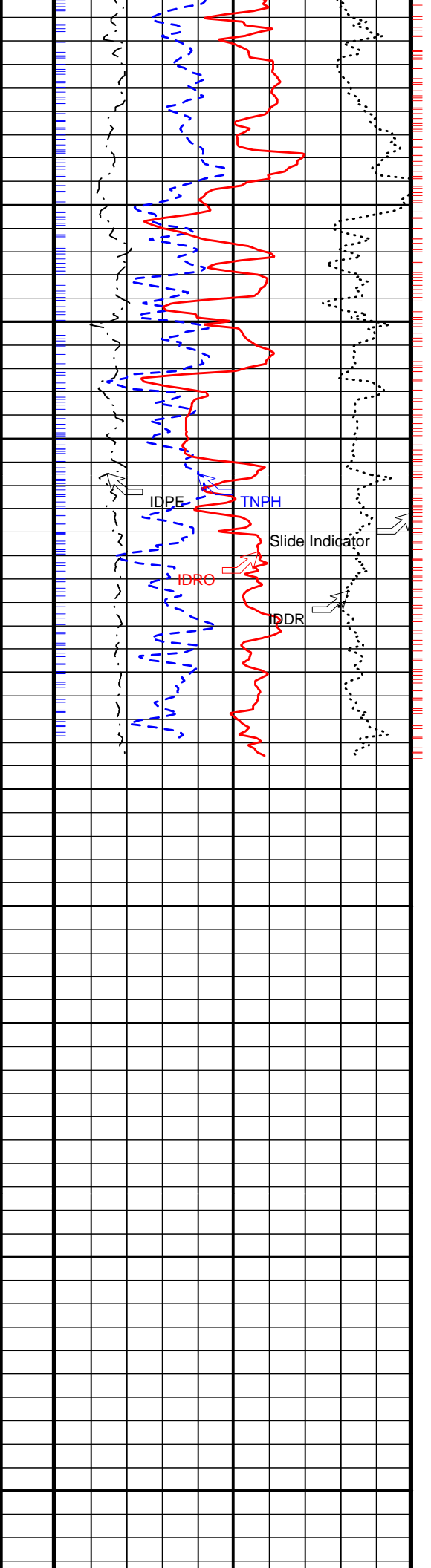
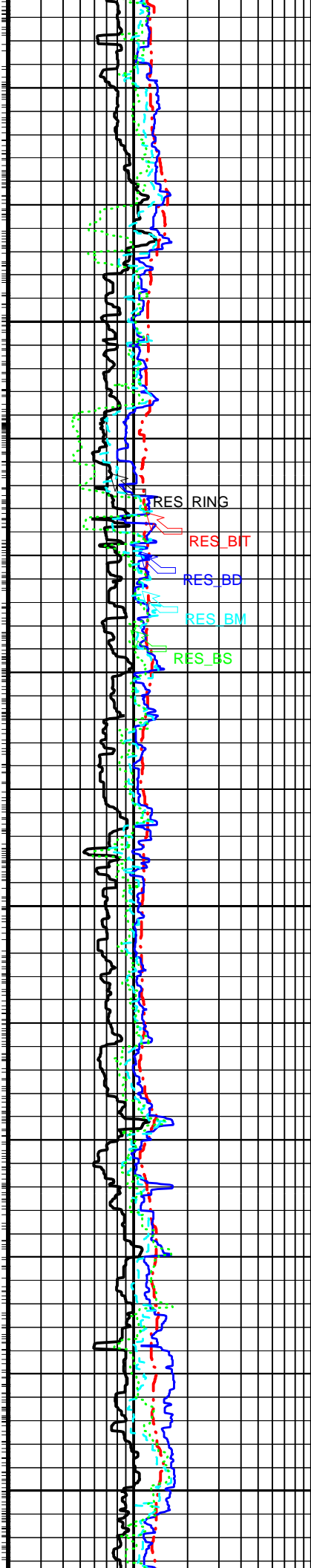


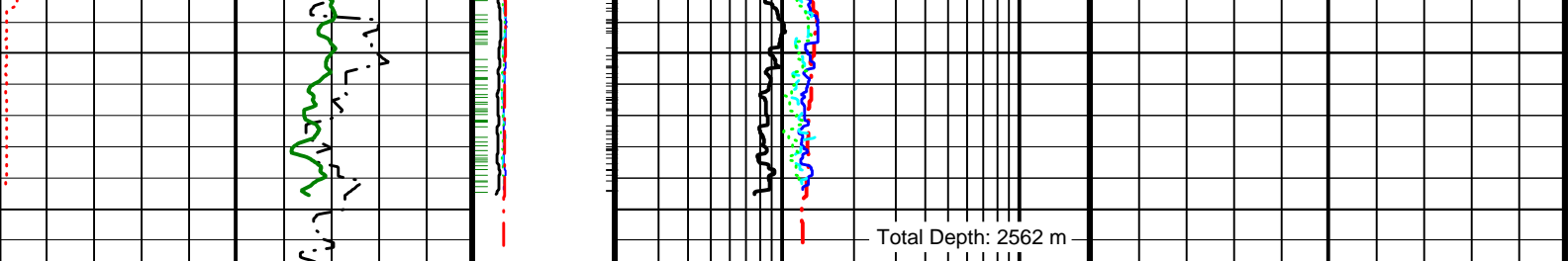


2500

2525

2550





<b>Density Time After Bit (TAB_DEN)</b> (HR) 0 10		<b>Ring Resistivity (RES_RING)</b> (OHMM) 0.2 20		<b>Thermal Neutron Porosity (TNPH)</b> (PU) 100 0	
<b>RAB Gamma Ray (GR_RAB)</b> (GAPI) 0 150		<b>Bit Resistivity (RES_BIT)</b> (OHMM) 0.2 20		<b>Image Derived Density (IDRO)</b> (G/C3) 1 2.65	
<b>Density Caliper, Average (DCAV)</b> (IN) 9 14		<b>Deep Button Resistivity (RES_BD)</b> (OHMM) 0.2 20		<b>Image Derived Density Correction (IDDR)</b> (G/C3) -0.8 0.2	
<b>Rate of Penetration, Averaged over Last 5ft (ROP5_RM)</b> (M/HR) 100 0		<b>Medium Button Resistivity (RES_BM)</b> (OHMM) 0.2 20		<b>Image Derived Photoelectric Factor (IDPE)</b> (----) 0 10	
<b>Ring Resistivity Time After Bit (TAB_RAB_RING)</b> (HR) 0 10		<b>Shallow Button Resistivity (RES_BS)</b> (OHMM) 0.2 20			

PIP SUMMARY

Density Ticks, 0.1-ft

Neutron Ticks, 0.1 ft

Ring Samples

Gamma Ray Samples

IDEAL Version: ID10\_2B\_08  
IDF

ADN id10\_2c\_01

6.75-in. Resistivity At-the-Bit / Equipment Identification

Primary Equipment:  
Tool Name and Serial Number  
Calibration Status

RAB6 - CA 202

Master: 10-Sep-2005 13:31

6.75-in. Resistivity At-the-Bit Calibration

Resistivity: Fixture

Phase	Ring/T1 factor	Value	Phase	Ring/T2 factor	Value	Phase	M0/T1 factor	Value
Master		1.011	Master		1.005	Master		0.9991
	0.9750 (Minimum) 1.000 (Nominal) 1.025 (Maximum)			0.9750 (Minimum) 1.000 (Nominal) 1.025 (Maximum)			0.9750 (Minimum) 1.000 (Nominal) 1.025 (Maximum)	
Phase	M0/T2 factor	Value	Phase	M2/T1 factor	Value	Phase	M2/T2 factor	Value
Master		0.9925	Master		1.001	Master		0.9944
	0.9750 (Minimum) 1.000 (Nominal) 1.025 (Maximum)			0.9750 (Minimum) 1.000 (Nominal) 1.025 (Maximum)			0.9750 (Minimum) 1.000 (Nominal) 1.025 (Maximum)	
Phase	BTN shallow/T1 factor	Value	Phase	BTN shallow/T2 factor	Value	Phase	BTN medium/T1 factor	Value
Master		1.013	Master		1.008	Master		1.007
	0.9750 (Minimum) 1.000 (Nominal) 1.025 (Maximum)			0.9750 (Minimum) 1.000 (Nominal) 1.025 (Maximum)			0.9750 (Minimum) 1.000 (Nominal) 1.025 (Maximum)	
Phase	BTN medium/T2 factor	Value	Phase	BTN deep/T1 factor	Value	Phase	BTN deep/T2 factor	Value
Master		1.001	Master		1.011	Master		1.004
	0.9750 (Minimum) 1.000 (Nominal) 1.025 (Maximum)			0.9750 (Minimum) 1.000 (Nominal) 1.025 (Maximum)			0.9750 (Minimum) 1.000 (Nominal) 1.025 (Maximum)	

Master: Calibration date not found

6.75-in. Resistivity At-the-Bit Calibration

Gamma Ray: Blanket

Phase	Gamma ray factor		Value
Master			0.9517
	0.7500 (Minimum)	1.000 (Nominal)	1.250 (Maximum)

6.75-in. Azimuthal Density Neutron / Equipment Identification

Primary Equipment:  
 Cool Name and Serial Number  
 Collar Type and Serial Number  
 Chassis Type and Serial Number  
 Stabilizer Type and Serial Number  
 Neutron Logging Source  
 Density Logging Source  
 Stabilizer Size  
 Calibration Status

ADN6 - CA 383  
 ADDC - AA  
 ADSE - EA  
 1  
 NSR - M 204  
 GSR - J/Z 2129  
 9.50 - in.

Master: 8-Sep-2005 9:54

6.75-in. Azimuthal Density Neutron Calibration

Density: Magnesium Block

Phase	LS window 3 - Mg CPS	Value	Phase	SS window 1 - Mg CPS	Value	Phase	SS window 3 - Mg CPS	Value
Master		743.7	Master		2004	Master		5405
	250.0 (Minimum) 4125 (Nominal) 8000 (Maximum)			700.0 (Minimum) 9350 (Nominal) 18000 (Maximum)			2500 (Minimum) 23750 (Nominal) 45000 (Maximum)	

Master: 8-Sep-2005 9:54

6.75-in. Azimuthal Density Neutron Calibration

Density: Aluminum Block

Phase	LS window 3 - Al CPS	Value	Phase	SS window 1 - Al CPS	Value	Phase	SS window 3 - Al CPS	Value
Master		123.6	Master		1194	Master		3842
	50.00 (Minimum) 725.0 (Nominal) 1400 (Maximum)			500.0 (Minimum) 4250 (Nominal) 8000 (Maximum)			1500 (Minimum) 15750 (Nominal) 30000 (Maximum)	

Master: 8-Sep-2005 9:54

6.75-in. Azimuthal Density Neutron Calibration

Density: Background

Phase	LS window 3 - Background CPS	Value	Phase	SS window 1 - Background CPS	Value	Phase	SS window 3 - Background CPS	Value
Master		49.10	Master		128.6	Master		549.5
	15.00 (Minimum) 82.50 (Nominal) 150.0 (Maximum)			40.00 (Minimum) 220.0 (Nominal) 400.0 (Maximum)			150.0 (Minimum) 825.0 (Nominal) 1500 (Maximum)	

Master: 8-Sep-2005 9:54

6.75-in. Azimuthal Density Neutron Calibration

Density: Water Block Check

Phase	Long spacing water density G/C3	Value	Phase	Short spacing water density G/C3	Value
Master		1.021	Master		1.128
	1.002 (Minimum) 1.017 (Nominal) 1.032 (Maximum)			1.080 (Minimum) 1.110 (Nominal) 1.140 (Maximum)	

Master: 8-Sep-2005 9:54

6.75-in. Azimuthal Density Neutron Calibration

Neutron: 3-Point Calibration

Phase	Far 1 tube 1 Air Point Measure CPS	Value	Phase	Far 1 tube 1 Rod Point Measure CPS	Value	Phase	Far 1 tube 1 H2O Point Measure CPS	Value
Master		18.05	Master		4.513	Master		2.262
	15.00 (Minimum) 19.05 (Nominal) 21.00 (Maximum)			4.000 (Minimum) 4.857 (Nominal) 5.500 (Maximum)			1.900 (Minimum) 2.363 (Nominal) 2.700 (Maximum)	
Phase	Far 1 tube 2 Air Point Measure CPS	Value	Phase	Far 1 tube 2 Rod Point Measure CPS	Value	Phase	Far 1 tube 2 H2O Point Measure CPS	Value
Master		18.56	Master		4.823	Master		2.314
	16.00 (Minimum) 19.05 (Nominal) 22.00 (Maximum)			4.000 (Minimum) 4.857 (Nominal) 5.500 (Maximum)			1.900 (Minimum) 2.363 (Nominal) 2.800 (Maximum)	
Phase	Far 1 tube 3 Air Point Measure CPS	Value	Phase	Far 1 tube 3 Rod Point Measure CPS	Value	Phase	Far 1 tube 3 H2O Point Measure CPS	Value
Master		17.81	Master		4.630	Master		2.260
	15.00 (Minimum) 19.05 (Nominal) 21.00 (Maximum)			4.000 (Minimum) 4.857 (Nominal) 5.500 (Maximum)			1.900 (Minimum) 2.363 (Nominal) 2.700 (Maximum)	

Phase	Far 2 tube 1 Air Point Measure	CPS	Value	Phase	Far 2 tube 1 Rod Point Measure	CPS	Value	Phase	Far 2 tube 1 H2O Point Measure	CPS	Value
Master			17.93	Master			4.776	Master			2.277
	15.00 (Minimum)	19.05 (Nominal)	21.00 (Maximum)		4.000 (Minimum)	4.857 (Nominal)	5.500 (Maximum)		1.900 (Minimum)	2.363 (Nominal)	2.700 (Maximum)
Phase	Far 2 tube 2 Air Point Measure	CPS	Value	Phase	Far 2 tube 2 Rod Point Measure	CPS	Value	Phase	Far 2 tube 2 H2O Point Measure	CPS	Value
Master			18.39	Master			4.673	Master			2.284
	16.00 (Minimum)	19.05 (Nominal)	22.00 (Maximum)		4.000 (Minimum)	4.857 (Nominal)	5.500 (Maximum)		1.900 (Minimum)	2.363 (Nominal)	2.800 (Maximum)
Phase	Far 2 tube 3 Air Point Measure	CPS	Value	Phase	Far 2 tube 3 Rod Point Measure	CPS	Value	Phase	Far 2 tube 3 H2O Point Measure	CPS	Value
Master			18.00	Master			4.759	Master			2.322
	15.00 (Minimum)	19.05 (Nominal)	21.00 (Maximum)		4.000 (Minimum)	4.857 (Nominal)	5.500 (Maximum)		1.900 (Minimum)	2.363 (Nominal)	2.700 (Maximum)
Phase	Near 1 tube 1 Air Point Measure	CPS	Value	Phase	Near 1 tube 1 Rod Point Measure	CPS	Value	Phase	Near 1 tube 1 H2O Point Measure	CPS	Value
Master			464.1	Master			750.1	Master			339.9
	400.0 (Minimum)	487.5 (Nominal)	540.0 (Maximum)		610.0 (Minimum)	768.8 (Nominal)	850.0 (Maximum)		270.0 (Minimum)	343.7 (Nominal)	390.0 (Maximum)
Phase	Near 2 tube 1 Air Point Measure	CPS	Value	Phase	Near 2 tube 1 Rod Point Measure	CPS	Value	Phase	Near 2 tube 1 H2O Point Measure	CPS	Value
Master			459.0	Master			743.2	Master			337.7
	400.0 (Minimum)	487.5 (Nominal)	540.0 (Maximum)		610.0 (Minimum)	768.8 (Nominal)	850.0 (Maximum)		270.0 (Minimum)	343.7 (Nominal)	390.0 (Maximum)

Master: 8-Sep-2005 9:54		
6.75-in. Azimuthal Density Neutron Calibration		
Neutron: Water Block Check		
Phase	Far Neutron water porosity PU	Value
Master		103.0
	90.00 (Minimum)	100.0 (Nominal)
		125.0 (Maximum)

Company: Lamont-Doherty Borehole Research

Well: IODP Expedition 311 CAS-02C

Field: Cascadia Margin

Rig: JOIDES Resolution

State: Pacific Ocean

GeoVISION Service  
1:240 Measured Depth  
Recorded Mode Log

**Schlumberger**







