

Tool Record Rates:
EcoScope Res, Density & Neutron @ 2 sec

Tool Software Version:
TeleScope: 9.0_C03 EcoScope: 11

Crew: L. Loh and D. Buster

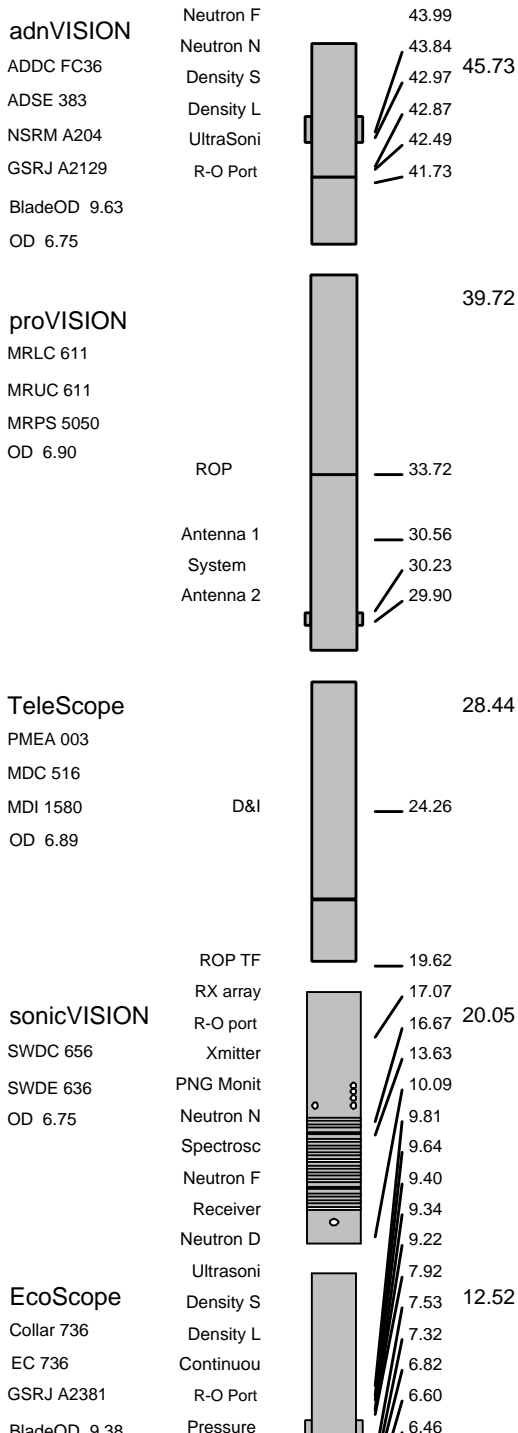
EQUIPMENT DESCRIPTION

RUN1

RUN

RUN

DOWNHOLE EQUIPMENT



Variable Name	Variable Description	Run Name & Value
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Run Number

1

General Information

BHT_RM	Bottom Hole Temperature (RM)	41.000000
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)	15.000000
TD_RM	Total Measured Depth (RM)	8405.509766
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

DVD

LWD_RM/STATION_FILE/PARAMETER	Station Time-frame file name	Station
-----	-----Density Parameter-----	-----Density
-----	-----Neutron Parameter-----	-----Neutron
-----	-----Interpretation Parameter-----	-----Interpretation
-----	-----Sigma Parameter-----	-----Sigma
A12A	ARC Air Cal Attenuation From T1 at 2 MHz	8.096470
A14A	ARC Air Cal Attenuation From T1 at 400 KHz	8.154540
A22A	ARC Air Cal Attenuation From T2 at 2 MHz	6.357980
A24A	ARC Air Cal Attenuation From T2 at 400 KHz	6.313930
A32A	ARC Air Cal Attenuation From T3 at 2 MHz	4.697780
A34A	ARC Air Cal Attenuation From T3 at 400 KHz	4.754960
A42A	ARC Air Cal Attenuation From T4 at 2 MHz	4.759350
A44A	ARC Air Cal Attenuation From T4 at 400 KHz	4.713040
A52A	ARC Air Cal Attenuation From T5 at 2 MHz	3.258230
A54A	ARC Air Cal Attenuation From T5 at 400 KHz	3.315620
ABNT	Abnormal Transmitter Indicator	No_Tx_Failed
ALPHA_DEN	Density Enhanced Vertical Resolution Processing Switch	YES
ANISO_COMP	Anisotropy Computation Option	YES
ATMP_ARC	ARC Select Temperature Channel	Annulus_Temp
AZMF	Formation DIP Azimuth	0.000000
BH_COMPUTE	Borehole Inversion Computation Option	YES
CALG	DVDM Gamma Ray Cal Gain Factor	-1.000000
CDPTH_ARC	Process Start Depth	100.000000
DEVI	Well Section Deviation	0.100000
DIELEC_COM	Dielectric Computation Option	YES
DIPF	Formation DIP Angle	0.000000
DVDM DHS	DVDM Down Hole Software Version	0.000000
DYN_IMAGE	Generate Dynamic Normalized Image?	YES
EDPTH	Wizard Process Stop Depth	50000
EN_WIZARD	Enable ARC Wizard Processing	NO
ERRCT	Percentage Error Cutoff	4.500000
EVRL	EVR Process averaging number of samples (RM)	49
FVVN	Firmware Version Number	1.100000
GCSE	Generalized Caliper Selection	BS
GRBC	RM: DVDM Gamma Ray Blanket (CPS)	75.000000
GRSH	GR Shale (Invasion Computation Cutoff)	1000.000000
GR_CF	Gamma Ray Correction Factor	2.250000
HIGH_BLEND	High Resistivity Threshold for Blending	2.000000
IDQT	Image Derived Quality Threshold	1.000000
IMAGE_MAX	Image Density Caliper Right Scale	8.000000
IMAGE_MAX	Image Density Quality Right Scale	1.000000
IMAGE_MAX	Image PEF(Segment) Right Scale	6.000000
IMAGE_MAX	Image RHOB(Segment) Right Scale	2.650000
IMAGE_MIN	Image Density Caliper Left Scale	2.000000
IMAGE_MIN	Image Density Quality Left Scale	0.000000
IMAGE_MIN	Image PEF(Segment) Left Scale	2.000000
IMAGE_MIN	Image RHOB(Segment) Left Scale	2.050000
IMAGE_ORIE	Image Orientation Options, e.g. Top of Hole or True North	NORTH
INCLIN_B0	ARC Bias Constant (mg)	0.000000
INCLIN_B1	ARC Bias First-order Coefficient (mg/degC)	0.000000
INCLIN_B2	ARC Bias Second-order Coefficient (mg/degC)	0.000000
INCLIN_B3	ARC Bias Third-order Coefficient (mg/degC)	0.000000
INCLIN_C0	ARC Current Scale Factor Constant (mA/g)	1.000000
INCLIN_C1	ARC Scale First-order Coefficient (mA/g/degC)	0.000000
INCLIN_C2	ARC Scale Second-order Coefficient (mA/g/degC)	0.000000
INCLIN_C3	ARC Scale Third-order Coefficient (mA/g/degC)	0.000000

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INVAS_COMP Inversion Correction Option YES
JSD Acquisition start date YES
JSD_ARC ARC Acquisition start date YES
LOW_BLEND Low Resistivity Threshold for Blending 1.000000
MATR Rock Matrix for Neutron Porosity Corrections SANDSTONE
MSWS ARC Wizard Model Switch Window 5.000000
MULTIEFFEC Multi Effect Option YES
NEU_DCOR_O Density Correction Source for Neutron Processing Average
NEU_FTUBE_ Far Thermal Tube Selection Both
NTIK_SEL Neutron Tick Channel Name FAZ1
OACF O2 Activation Correction Factor (RM) 0.000000
P12A ARC Air Cal Phase-Shift From T1 at 2 MHz 1.143270
P14A ARC Air Cal Phase-Shift From T1 at 400 KHz 1.838910
P22A ARC Air Cal Phase-Shift From T2 at 2 MHz -1.152680
P24A ARC Air Cal Phase-Shift From T2 at 400 KHz -1.826430
P32A ARC Air Cal Phase-Shift From T3 at 2 MHz 1.064520
P34A ARC Air Cal Phase-Shift From T3 at 400 KHz 1.835500
P42A ARC Air Cal Phase-Shift From T4 at 2 MHz -1.202580
P44A ARC Air Cal Phase-Shift From T4 at 400 KHz -1.845070
P52A ARC Air Cal Phase-Shift From T5 at 2 MHz 1.092880
P54A ARC Air Cal Phase-Shift From T5 at 400 KHz 1.844270
PMUD Potassium Concentration in Mud 0.000000
POFFSET Pressure Offset 0.000000
PRTD Preferred Resistivity Log for Rt Display while Multi-Effects P34B
PSOF_ADJ_T ARC: User Input Phase offset 0.000000
RESTIK ARC resistivity tick source Phase
SDPTH Wizard Process Start Depth 100
SIG_PCOR_O Porosity Correction Source for Sigma Processing Best
SPEC_CSG_D Casing Depth for Spectroscopy Processing 100.000000
SPL_CLAY_M SpectroLith Clay Model ARENITE
SPL_COAL_O SpectroLith Coal Processing Option NONE
SPL_SULFUR SpectroLith Sulfur Mineral Option ANHYDRITE
STAB_SIZE Stabilizer Size 9.375000
STOH Density Top of Hole Sector (Left Boundary) SECTOR_0
TRNO Tool Run Number 8405.509766
TSIZ_ARC ARC Tool Size 6.900000
TSNO Tool Serial Number 6.900000
UNIFORM_CO Uniform Rock Option YES
VERS_ARC ARC Down hole software version Number 1.100000
WRK Way to Report Potassium Concentration K_by_Wgt_%
WSDI Window Size of Dynamic Normalization Image 50.000000

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IDEAL Version: ID10_2B_08
IDF

ADN id10_2c_01

Format: 5 MD ARC DUAL FREQ

Vertical Scale: 1:240

Graphics File Created: 03-Oct-2005 07:53

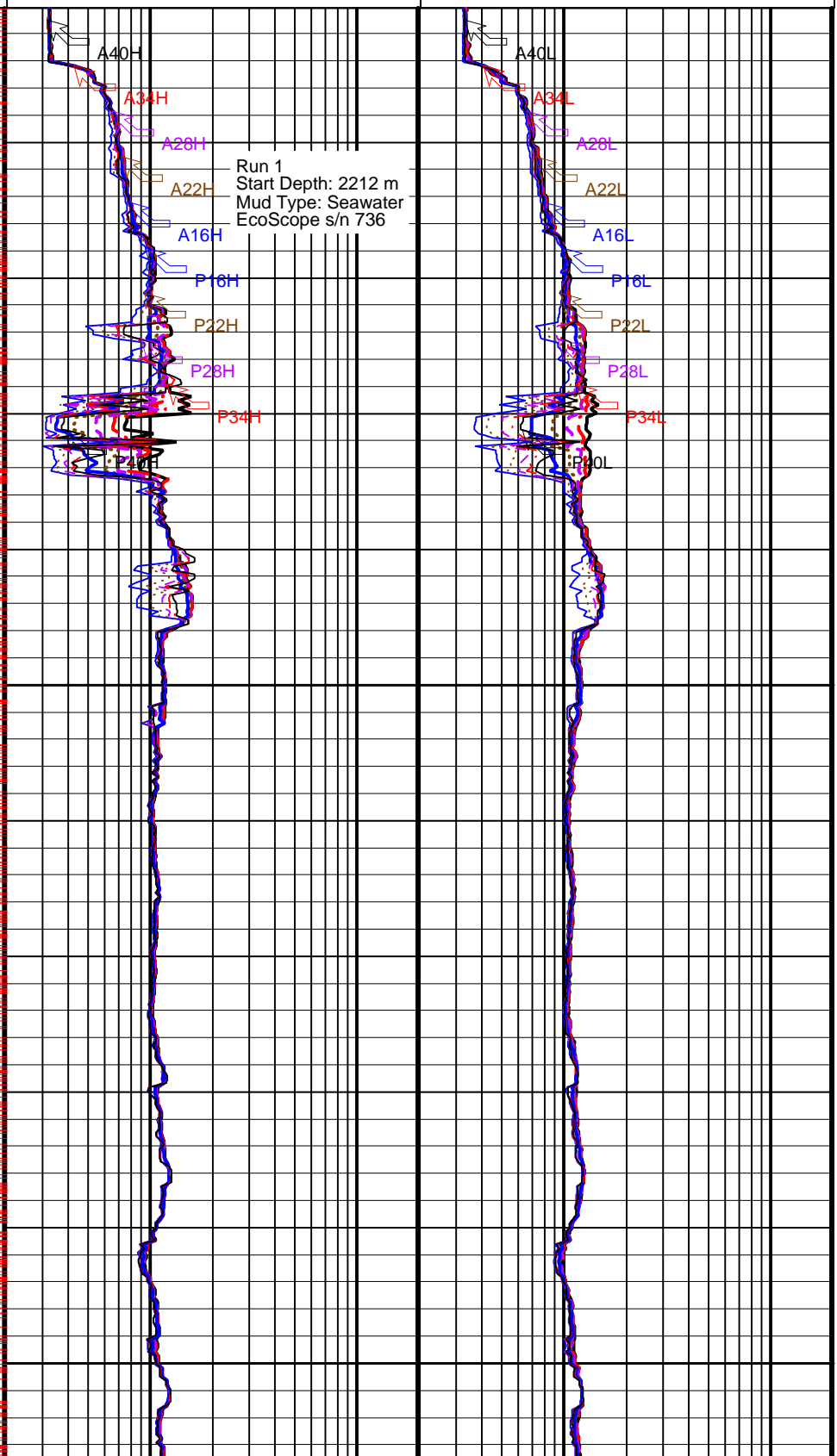
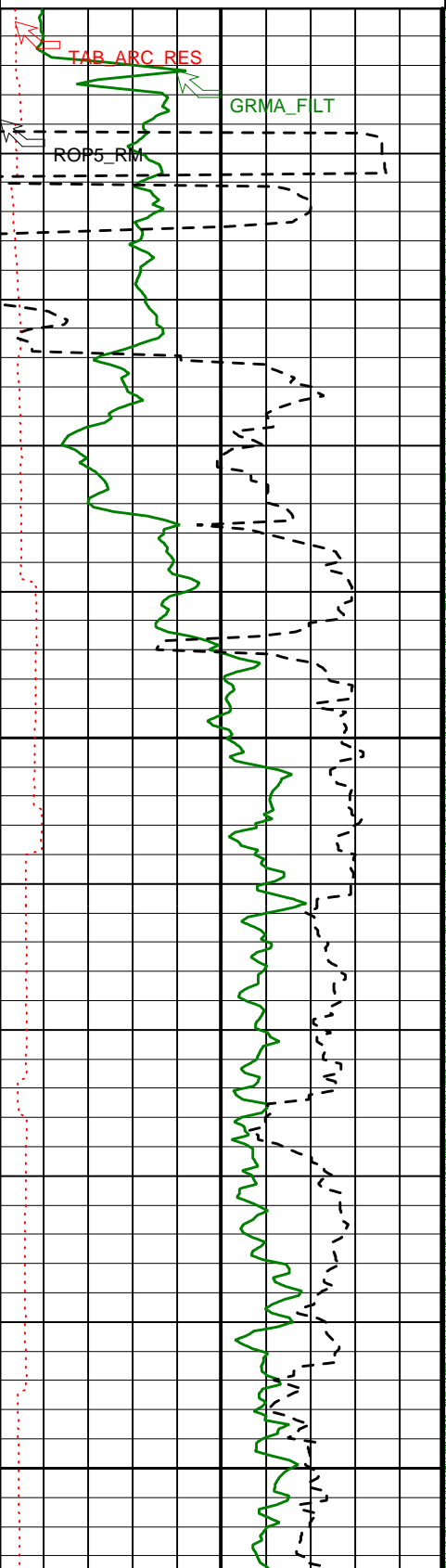
PIP SUMMARY

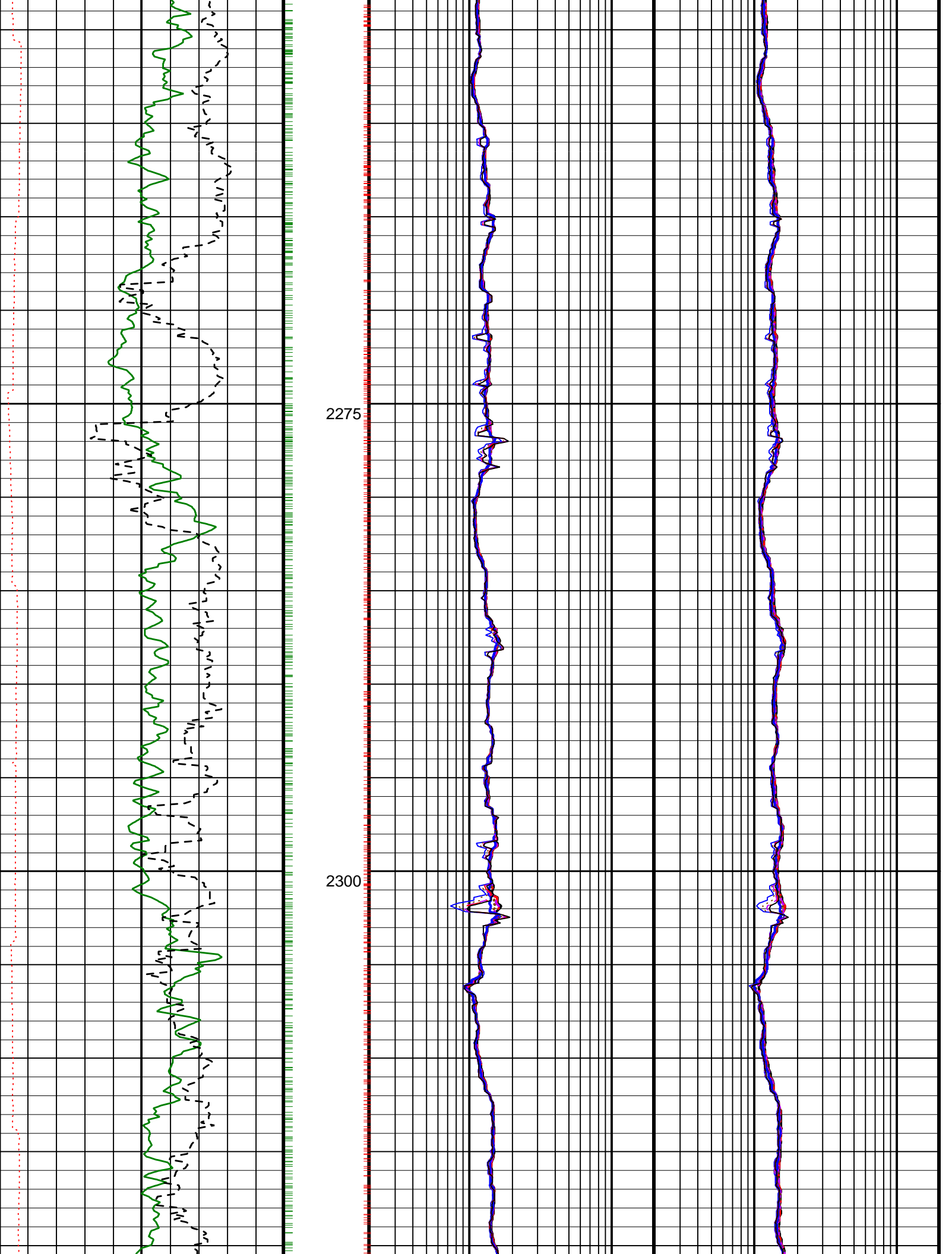
- ARC Resistivity Samples
- └ DVDM Gamma Ray Samples

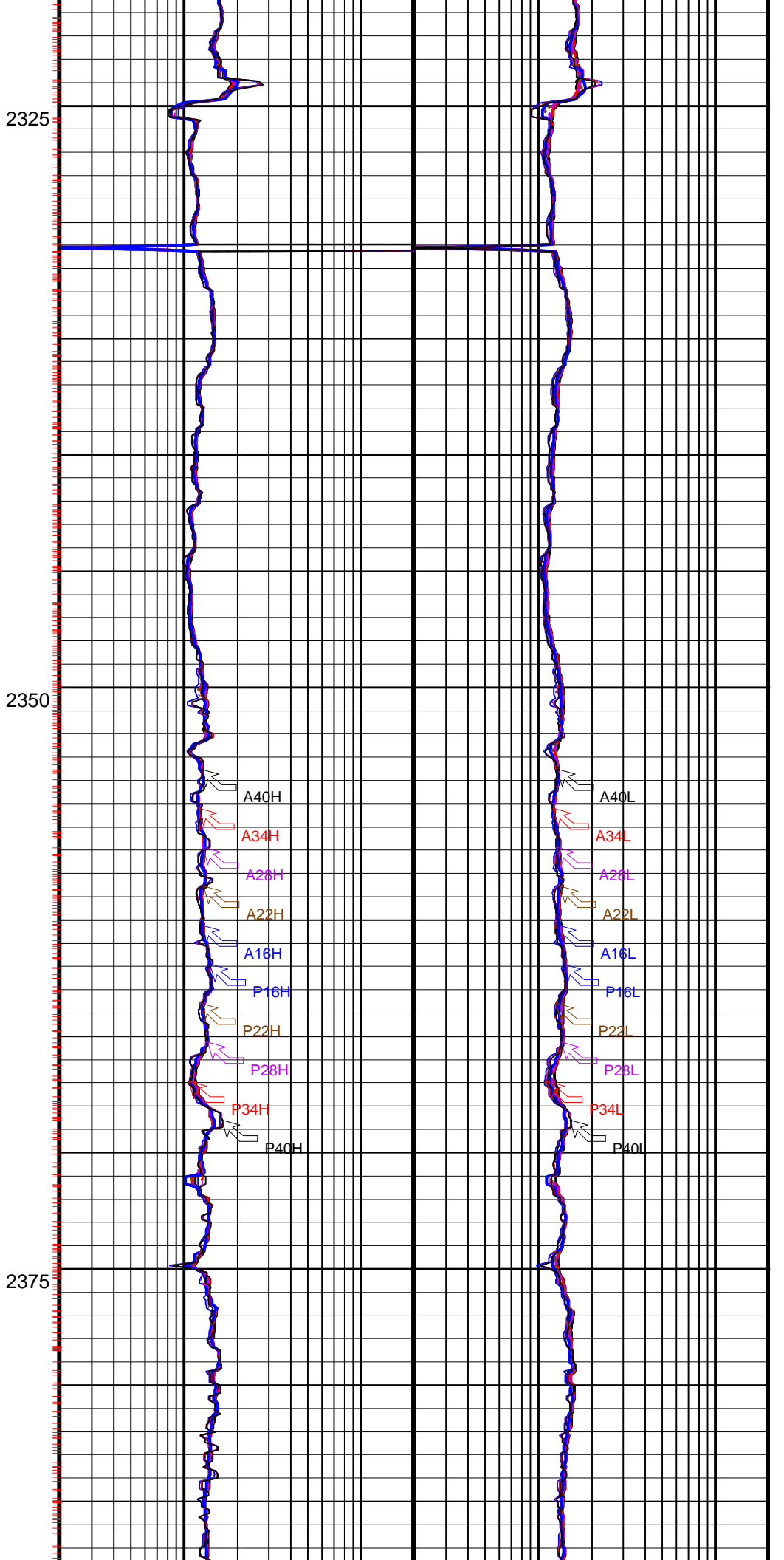
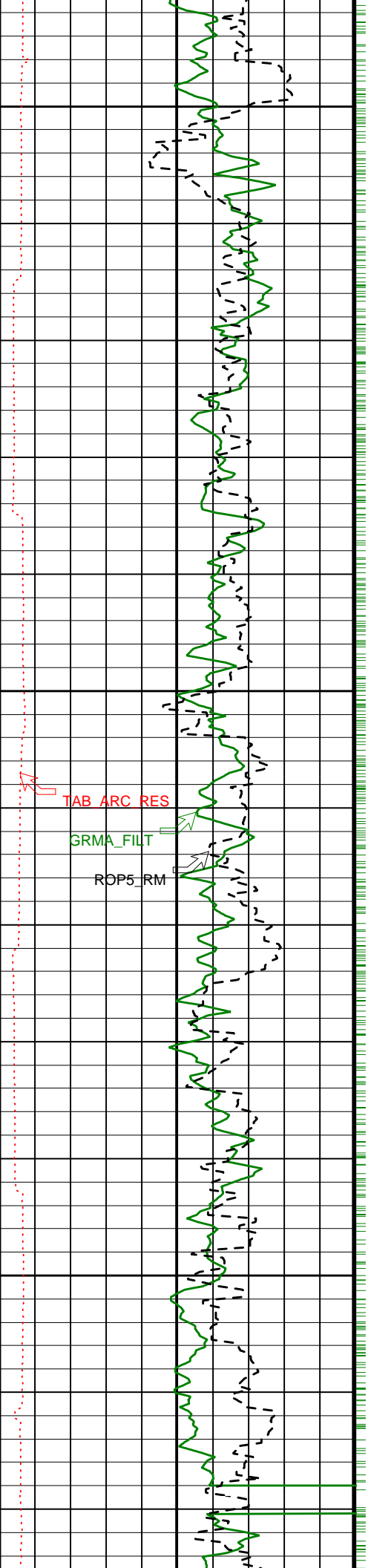
ARC Attenuation Resistivity 16-in. at 2 MHz (A16H)	ARC Phase-Shift Resistivity 40-in. at 400 KHz (P40L)
0.2 (OHMM) 20	0.2 (OHMM) 20
ARC Attenuation Resistivity 22-in. at 2 MHz (A22H)	ARC Phase-Shift Resistivity 34-in. at 400 KHz (P34L)
0.2 (OHMM) 20	0.2 (OHMM) 20
ARC Phase-Shift Resistivity 40-in. at 2 MHz (P40H)	ARC Phase-Shift Resistivity 28-in. at 400 KHz (P28L)
0.2 (OHMM) 20	0.2 (OHMM) 20
ARC Phase-Shift Resistivity 34-in. at 2 MHz (P34H)	ARC Phase-Shift Resistivity 22-in. at 400 KHz (P22L)
0.2 (OHMM) 20	0.2 (OHMM) 20
ARC Phase-Shift Resistivity 28-in. at 2 MHz (P28H)	ARC Phase-Shift Resistivity 16-in. at 400 KHz (P16L)
0.2 (OHMM) 20	0.2 (OHMM) 20
ARC Phase-Shift Resistivity 22-in. at 2 MHz (P22H)	ARC Attenuation Resistivity 16-in. at 400 KHz (A16L)
0.2 (OHMM) 20	0.2 (OHMM) 20
ARC Phase-Shift Resistivity 16-in. at 2 MHz (P16H)	ARC Attenuation Resistivity 22-in. at 400 KHz (A22L)
0.2 (OHMM) 20	0.2 (OHMM) 20

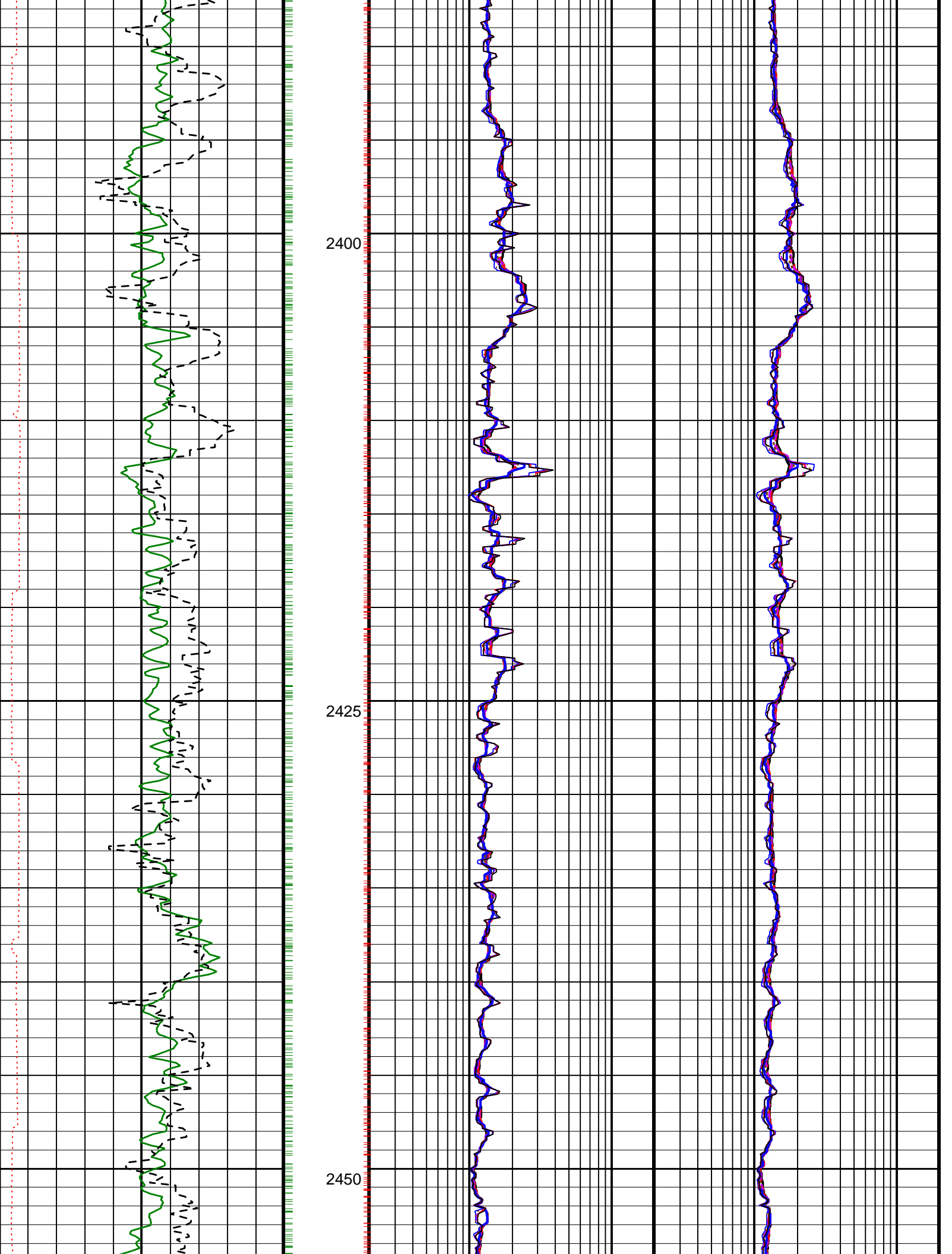
Rate of Penetration, Averaged over Last 5ft (ROP5_RM) (M/HR)	100	0
DVDM Calibrated, Filtered Gamma Ray (GRMA_FILT) (GAPI)	0	150
ARC Resistivity Time After Bit (TAB_ARC_RES) (HR)	0	10

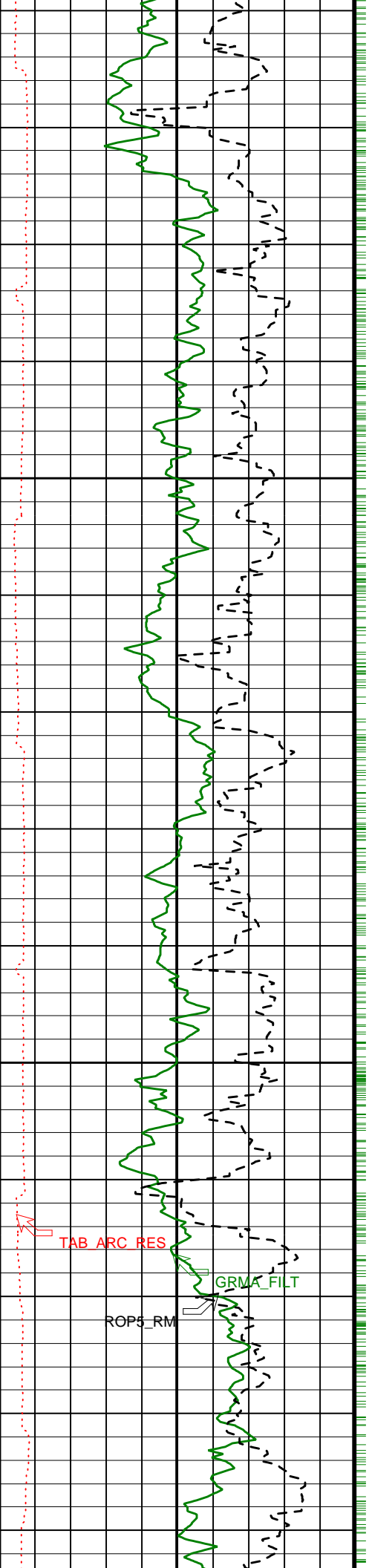
MHz (P16H) (OHMM)	20	KHz (A22L) (OHMM)	20
ARC Attenuation Resistivity 28-in. at 2 MHz (A28H) (OHMM)	20	ARC Attenuation Resistivity 28-in. at 400 KHz (A28L) (OHMM)	20
ARC Attenuation Resistivity 34-in. at 2 MHz (A34H) (OHMM)	20	ARC Attenuation Resistivity 34-in. at 400 KHz (A34L) (OHMM)	20
ARC Attenuation Resistivity 40-in. at 2 MHz (A40H) (OHMM)	20	ARC Attenuation Resistivity 40-in. at 400 KHz (A40L) (OHMM)	20





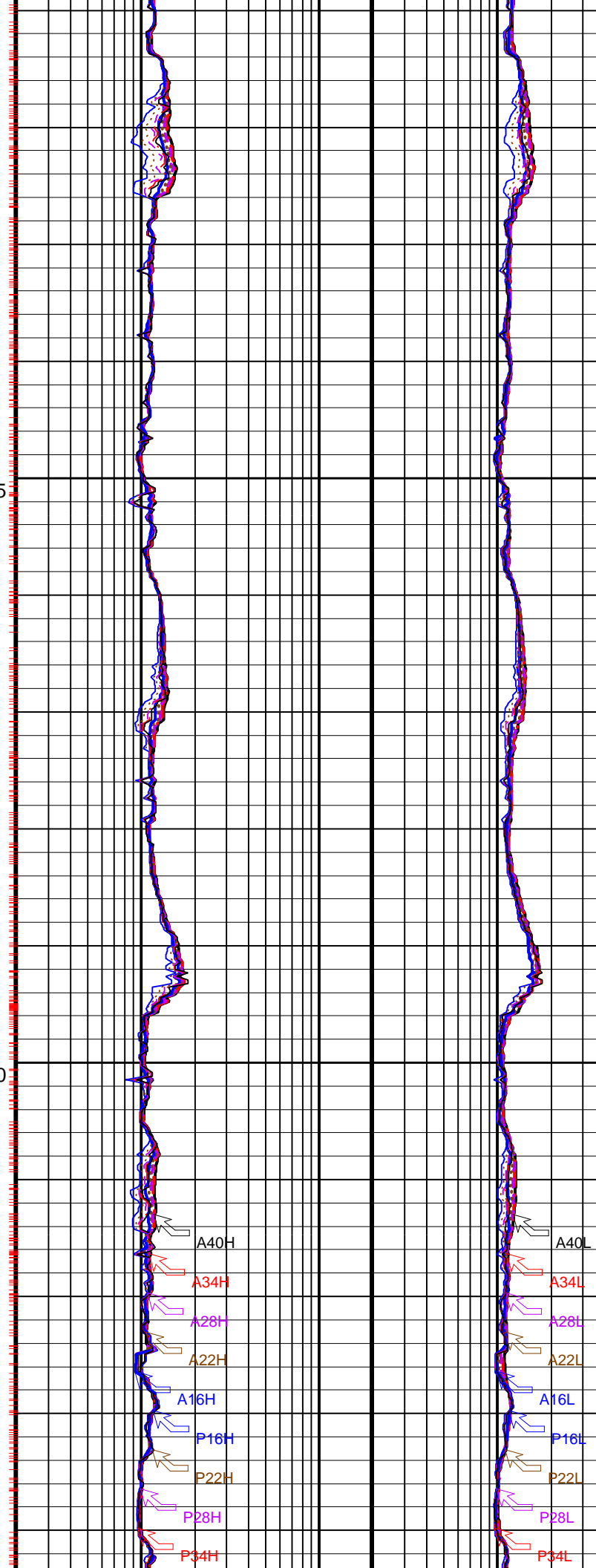


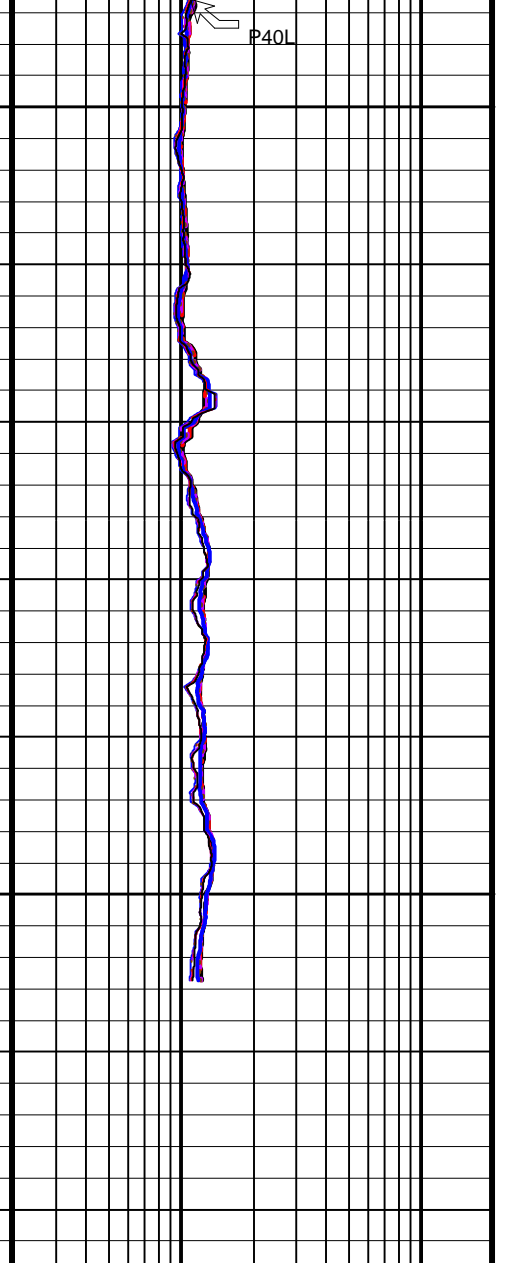
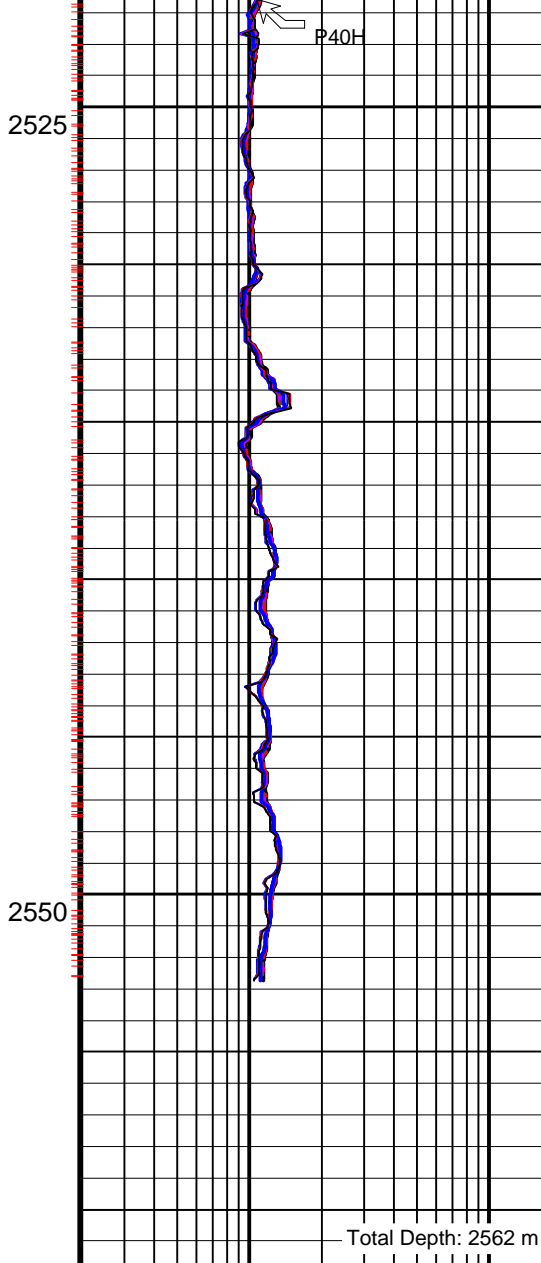
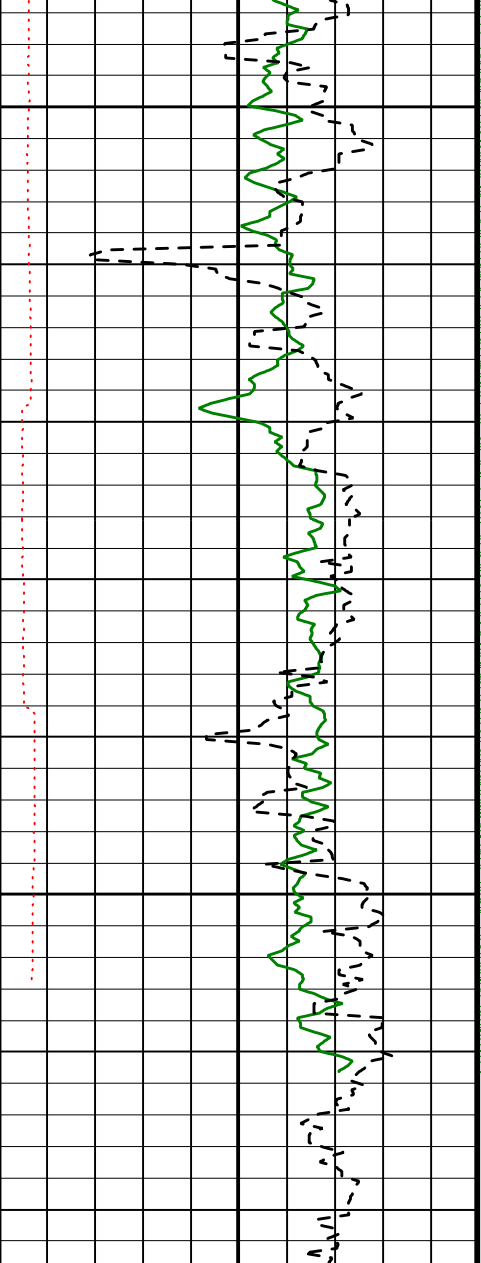




2475

2500





Total Depth: 2562 m

ARC Resistivity Time After Bit (TAB_ ARC_RES) (HR)	0	10
DVDM Calibrated, Filtered Gamma Ray (GRMA_FILT) (GAPI)	0	150
Rate of Penetration, Averaged over Last 5ft (ROP5_RM) (M/HR)	100	0

ARC Attenuation Resistivity 40-in. at 2 MHz (A40H)

0.2 (OHMM) 20

ARC Attenuation Resistivity 40-in. at 400 KHz (A40L)

0.2 (OHMM) 20

ARC Attenuation Resistivity 34-in. at 2 MHz (A34H)

0.2 (OHMM) 20

ARC Attenuation Resistivity 34-in. at 400 KHz (A34L)

0.2 (OHMM) 20

ARC Attenuation Resistivity 28-in. at 2 MHz (A28H)

0.2 (OHMM) 20

ARC Attenuation Resistivity 28-in. at 400 KHz (A28L)

0.2 (OHMM) 20

ARC Phase-Shift Resistivity 16-in. at 2 MHz (P16H)

0.2 (OHMM) 20

ARC Attenuation Resistivity 22-in. at 400 KHz (A22L)

0.2 (OHMM) 20

ARC Phase-Shift Resistivity 22-in. at 2 MHz (P22H)

0.2 (OHMM) 20

ARC Attenuation Resistivity 16-in. at 400 KHz (A16L)

0.2 (OHMM) 20

ARC Phase-Shift Resistivity 28-in. at 2 MHz (P28H)

0.2 (OHMM) 20

ARC Phase-Shift Resistivity 16-in. at 400 KHz (P16L)

0.2 (OHMM) 20

ARC Phase-Shift Resistivity 34-in. at 2 MHz (P34H)

0.2 (OHMM) 20

ARC Phase-Shift Resistivity 22-in. at 400 KHz (P22L)

0.2 (OHMM) 20

ARC Phase-Shift Resistivity 40-in. at 2 MHz (P40H)

ARC Phase-Shift Resistivity 28-in. at 400 KHz (P28L)

0.2	ARC Phase-Shift Resistivity 40-in. at 2 MHz (P40H) (OHMM)	20	0.2	ARC Phase-Shift Resistivity 28-in. at 400 KHz (P28L) (OHMM)	20
0.2	ARC Attenuation Resistivity 22-in. at 2 MHz (A22H) (OHMM)	20	0.2	ARC Phase-Shift Resistivity 34-in. at 400 KHz (P34L) (OHMM)	20
0.2	ARC Attenuation Resistivity 16-in. at 2 MHz (A16H) (OHMM)	20	0.2	ARC Phase-Shift Resistivity 40-in. at 400 KHz (P40L) (OHMM)	20

PIP SUMMARY

+ ARC Resistivity Samples
+ DVDM Gamma Ray Samples

IDEAL Version: ID10_2B_08
IDF

ADN id10_2c_01

EcoScope Integrated Logging-While-Drilling Tool - 6.75 inch / Equipment Identification

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

ECO - 675 736
 ADDC - AA
 ADSE - EA
 ADCS - CA
 NSR - M
 GSR - J/Z
 9.38 - in.

Master: 22-Jul-2005 12:37

EcoScope Integrated Logging-While-Drilling Tool - 6.75 inch Calibration

SSn LSn : Water Tank

Phase	SSn Gain	Value	Phase	SSn Offset	Value
Master		1.000	Master		0
	0.6000 (Minimum) 1.000 (Nominal) 1.400 (Maximum)			-3.000 (Minimum) 0 (Nominal) 3.000 (Maximum)	
Phase	LSn Gain	Value	Phase	LSn Offset	Value
Master		1.000	Master		0
	0.6000 (Minimum) 1.000 (Nominal) 1.400 (Maximum)			-3.000 (Minimum) 0 (Nominal) 3.000 (Maximum)	

Master: 22-Jul-2005 12:37

EcoScope Integrated Logging-While-Drilling Tool - 6.75 inch Calibration

Neutron: Water Tank

Phase	Far 2 Gain	Value	Phase	Far 2 Offset	Value
Master		1.056	Master		-0.7620
	0.7000 (Minimum) 1.000 (Nominal) 1.300 (Maximum)			-3.000 (Minimum) 0 (Nominal) 3.000 (Maximum)	
Phase	Far 1 Gain	Value	Phase	Far 1 Offset	Value
Master		1.055	Master		-0.4690
	0.7000 (Minimum) 1.000 (Nominal) 1.300 (Maximum)			-3.000 (Minimum) 0 (Nominal) 3.000 (Maximum)	
Phase	Thermal Near gain	Value	Phase	Thermal Near offset	Value
Master		1.155	Master		-137.6
	0.7000 (Minimum) 1.000 (Nominal) 1.300 (Maximum)			-500.0 (Minimum) 0 (Nominal) 500.0 (Maximum)	
Phase	Epithermal Near gain	Value	Phase	Epithermal Near offset	Value
Master		1.221	Master		-13.57
	0.7000 (Minimum) 1.000 (Nominal) 1.300 (Maximum)			-300.0 (Minimum) 0 (Nominal) 300.0 (Maximum)	

Master: Calibration out of date 11-Apr-2005 19:14

EcoScope Integrated Logging-While-Drilling Tool - 6.75 inch Calibration

Gamma 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		2041	Master		5077	Master		11910

Master	1000 (Minimum)	2000 (Nominal)	3000 (Maximum)	2041	Master	2500 (Minimum)	5250 (Nominal)	8000 (Maximum)	3077	Master	6000 (Minimum)	12000 (Nominal)	18000 (Maximum)	11910
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Master: Calibration out of date 11-Apr-2005 19:14														
EcoScope Integrated Logging-While-Drilling Tool - 6.75 inch Calibration														
Gamma Density: Aluminum Block														
Phase	LS window 3 - AI CPS			Value	Phase	SS window 1 - AI CPS			Value	Phase	SS window 3 - AI CPS			Value
Master				372.3	Master				2692	Master				8750
	200.0 (Minimum)	400.0 (Nominal)	600.0 (Maximum)			1500 (Minimum)	3000 (Nominal)	4500 (Maximum)			4000 (Minimum)	8500 (Nominal)	13000 (Maximum)	

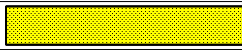
Master: Calibration date not found														
EcoScope Integrated Logging-While-Drilling Tool - 6.75 inch Calibration														
Gamma Density: Background														
Phase	LS window 3 - Background CPS			Value	Phase	SS window 1 - Background CPS			Value	Phase	SS window 3 - Background CPS			Value
Master				57.82	Master				85.68	Master				413.0
	50.00 (Minimum)	70.00 (Nominal)	90.00 (Maximum)			50.00 (Minimum)	75.00 (Nominal)	100.0 (Maximum)			270.0 (Minimum)	370.0 (Nominal)	470.0 (Maximum)	

Master: Calibration date not found														
EcoScope Integrated Logging-While-Drilling Tool - 6.75 inch Calibration														
Gamma Density: Water Block Check														
Phase	Long spacing water density G/C3			Value	Phase	Short spacing water density G/C3			Value					
Master				1.047	Master				1.262					
	0.9000 (Minimum)	1.150 (Nominal)	1.400 (Maximum)			0.9000 (Minimum)	1.150 (Nominal)	1.400 (Maximum)						

Master: Calibration date not found														
EcoScope Integrated Logging-While-Drilling Tool - 6.75 inch Calibration														
Resistivity: Air														
Phase	Phase-Shift T1			Value	Phase	Phase-Shift T2			Value	Phase	Phase-Shift T3			Value
Master				1.143	Master				-1.153	Master				1.065
	-4.000 (Minimum)	0 (Nominal)	4.000 (Maximum)			-4.000 (Minimum)	0 (Nominal)	4.000 (Maximum)			-4.000 (Minimum)	0 (Nominal)	4.000 (Maximum)	
Phase	Phase-Shift T4			Value	Phase	Phase-Shift T5			Value	Phase	Phase-Shift T1 at 400KHz			Value
Master				-1.203	Master				1.093	Master				1.839
	-4.000 (Minimum)	0 (Nominal)	4.000 (Maximum)			-4.000 (Minimum)	0 (Nominal)	4.000 (Maximum)			-4.000 (Minimum)	0 (Nominal)	4.000 (Maximum)	
Phase	Phase-Shift T2 at 400KHz			Value	Phase	Phase-Shift T3 at 400KHz			Value	Phase	Phase-Shift T4 at 400KHz			Value
Master				-1.826	Master				1.836	Master				-1.845
	-4.000 (Minimum)	0 (Nominal)	4.000 (Maximum)			-4.000 (Minimum)	0 (Nominal)	4.000 (Maximum)			-4.000 (Minimum)	0 (Nominal)	4.000 (Maximum)	
Phase	Phase-Shift T5 at 400KHz			Value										
Master				1.844										
	-4.000 (Minimum)	0 (Nominal)	4.000 (Maximum)											

Master: Calibration date not found														
EcoScope Integrated Logging-While-Drilling Tool - 6.75 inch Calibration														
Resistivity: Air														
Phase	Attenuation T1			Value	Phase	Attenuation T2			Value	Phase	Attenuation T3			Value
Master				8.096	Master				6.358	Master				4.698
	7.000 (Minimum)	9.000 (Nominal)	11.00 (Maximum)			4.000 (Minimum)	6.000 (Nominal)	8.000 (Maximum)			3.500 (Minimum)	5.500 (Nominal)	7.500 (Maximum)	
Phase	Attenuation T4			Value	Phase	Attenuation T5			Value	Phase	Attenuation T1 at 400KHz			Value
Master				4.759	Master				3.258	Master				8.155
	2.500 (Minimum)	4.500 (Nominal)	6.500 (Maximum)			2.000 (Minimum)	4.000 (Nominal)	6.000 (Maximum)			7.000 (Minimum)	9.000 (Nominal)	11.00 (Maximum)	
Phase	Attenuation T2 at 400KHz			Value	Phase	Attenuation T3 at 400KHz			Value	Phase	Attenuation T4 at 400KHz			Value
Master				6.314	Master				4.755	Master				4.713
	4.000 (Minimum)	6.000 (Nominal)	8.000 (Maximum)			3.500 (Minimum)	5.500 (Nominal)	7.500 (Maximum)			2.500 (Minimum)	4.500 (Nominal)	6.500 (Maximum)	
Phase	Attenuation T5 at 400KHz			Value										
Master				3.316										

2.000 (Minimum)	4.000 (Nominal)	6.000 (Maximum)
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Master: Calibration date not found		
EcoScope Integrated Logging-While-Drilling Tool - 6.75 inch		
Calibration		
Gamma Ray: Blanket		
Phase	Gamma ray factor	Value
Master		2.250
	2.000 (Minimum) 2.500 (Nominal) 3.000 (Maximum)	

Company: Lamont-Doherty Borehole Research

Well: IODP Expedition 311 CAS-02C

Field: Cascadia Margin

Rig: JOIDES Resolution

State: Pacific Ocean

Schlumberger

EcoScope Resistivity - Dual Frequency
1:240 Measured Depth
Recorded Mode Log

Geomarket	NGC	Location	V-
Job Date	20-SEP-2005	Customer	LE
Rig	JOIDES Resolution	Field/Well	C2
Engineer	Lake Loh	Job Number	40

Operation

Presentation
Description of Well - Names, Geometry, Services, Location Header, user of trademarks, directional data, well plid, order c sensor to toolface angle recorded

Equipment and Software Description
Tool sketch, equipment numbers, software versions, data rate

Processing Traceability and Environment Description
Acquisition environment, parameters and key constants for each remarks

Annotations - Presented Formats, QC Curves, Print Quality
Documented splice points; data gap explanations, mud change selection

Calibration and Verification

Calibration / Before survey verification / After survey verification
Validity, completeness (includes equipment number), timeline

Operating Procedures

Depth Control
Comparison with driller's depth, other logs, other bit runs, bit listing

Logging speed and sampling rates
As recommended in reference manual or job planner. No loss

Data Comparison
Between runs and passes, with data from nearby wells, other

Operating Anomalies/Failure/Missing Data/Sensor Orientation
Absence of noise and spurious variations, anomaly repeated,

Digital Delivery

Digital Products
Labeled, verification listing with complete digital record, back hard copy.

Job Quality Rating (JQR)

Number of boxes without number X 1

Environmental effects

Irregular Operation
Excessive ROP or speed, high deviation, shocks, vibrations, s

Borehole Geometry
Shape (caves, etc), rugosity, spiralled hole, mud induced fracture

Borehole Fluid
Barite, KCl, salinity, additives, gas cut, unstable

Interferences
External noise, nearby casing or drillpipe, debris, unusual form

Operation Outside Tool Specifications
Geomarker Temperature, pressure, hole size, hole deviation, d value of parameter

Environmental Quality Rating (EQ)

Number of boxes without number X

Vancouver Island
 Lamont-Doherty Borehole Research
 Cascadia Margin/CAS-02C
 0012416

Type of Measurement

Res	GR	Neu	Den	APWD

Data Quality Report

When data does not meet standards, put a number in the column corresponding to the measurement with a corresponding number and remark below. Use additional pages for remarks
 Positive remarks are welcome; do not append them with a number.

Remarks

and References: General Content
 of components, spelling and style, units
 s, filtering weights
 which run or zone, complete and relevant
 ages, movement indicator, color

ss, unedited, discrepancy explained

eep for archival: record matches

s of data or spatial resolution

conveyance, mud log and markers
 tion/Transmission Losses
 corrected, reported or explained.

0

striking conditions
 ures: Casing, tubing conditions
 ation composition
 og-leg severity, flow rate, rpm, solids

Cell Manager: Lake Loh
 FSM: Vijay Moras