

Company: Lamont Doherty

Well: ODP Leg 206, Site 1256C

Field: Fast Spreading Crust

Country: Coata Rica Ocean: Pacific Ocean

APS/HLDT Porosty

Country: Coata Rica
Field: Fast Spreading Crust
Location: Rig- Joides Resolution
Well: ODP Leg 206, Site 1256C
Company: Lamont Doherty

LOCATION		
Rig- Joides Resolution		Elev.: K.B. 11.3 m
		G.L. -3645.4 m
		D.F. 11 m
Permanent Datum:	GROUND LEVEL	Elev.: 0 m
Log Measured From: DES		11.3 m above Perm. Datum
Drilling Measured From: DES		
API Serial No.	Max. Hole Devi.	Longitude 91.9343 W
		Latitude 6.7365 N

Logging Date	
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Run Number	1
Depth Driller	3985.7 m
Schlumberger Depth	3956 m
Bottom Log Interval	3951 m
Top Log Interval	3617 m
Casing Driller Size @ Depth	0.000 in @ 3757.4 m
Casing Schlumberger	3753 m
Bit Size	9.875 in

Type Fluid In Hole	Septolite
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Density	Viscosity	
Fluid Loss	PH	
Source Of Sample		

RM @ Measured Temperature	@	23 degC
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RMF @ Measured Temperature	@
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RMC @ Measured Temperature	@
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Source RMF	RMC	
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RM @ MRT	RMC @ MRT	
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Maximum Recorded Temperatures	@
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Circulation Stopped	Time	Time
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Logger On Bottom	Time	See Log
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Unit Number	99	Houston
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Recorded By	Steve Kittredge
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Witnessed By	FLORENCE EINAUDI
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Logging Date	Run 1	Run 2	Run
Run Number			
Depth Driller			
Schlumberger Depth			
Bottom Log Interval			
Top Log Interval			
Casing Driller Size @ Depth	@		
Casing Schlumberger			
Bit Size			
Type Fluid In Hole			
Density			
Fluid Loss			
Source Of Sample			
RM @ Measured Temperature	@		
RMF @ Measured Temperature	@		
RMC @ Measured Temperature	@		
Source RMF	RMC		
RM @ MRT	RMC @ MRT		
Maximum Recorded Temperatures	@		
Circulation Stopped	Time	Time	
Logger On Bottom	Time		
Unit Number	Location		
Recorded By			
Witnessed By			

Logging Date	
Run Number	1
Depth Driller	3985.7 m
Schlumberger Depth	3956 m
Bottom Log Interval	3951 m
Top Log Interval	3617 m
Casing Driller Size @ Depth	0.000 in @ 3757.4 m
Casing Schlumberger	3753 m
Bit Size	9.875 in
Type Fluid In Hole	Septolite
Density	Viscosity
Fluid Loss	PH
Source Of Sample	
RM @ Measured Temperature	@
RMF @ Measured Temperature	@
RMC @ Measured Temperature	@
Source RMF	RMC
RM @ MRT	RMC @ MRT
Maximum Recorded Temperatures	@
Circulation Stopped	Time
Logger On Bottom	Time
Unit Number	Houston
Recorded By	Steve Kittredge
Witnessed By	FLORENCE EINAUDI

DISCLAIMER
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OTHER SERVICES1
 OS1:
 OS2:
 OS3:
 OS4:
 OS5:

OTHER SERVICES2
 OS1:
 OS2:
 OS3:
 OS4:
 OS5:

REMARKS: RUN NUMBER 1
 Hole cored with RCB
 All depths in Meters Below Rig Floor (MBRF).
 Sepiolite mud was used.
 WHC was run.
 Sea Floor- 3645.4 MBRF
 Total Depth Driller-3985.7 MBRF.
 Total Depth Logger-3956 MBRF.
 Drill Pipe Driller- 3757.4 MBRF.
 Drill Pipe Logger Run #1- 3753
 Drill Pipe Logger Run #2- 3951 MBRF.
 Sea Floor Logger- Unable to pick.

REMARKS: RUN NUMBER 2

RUN 1
 SERVICE ORDER #:
 PROGRAM VERSION: 10C0-306
 FLUID LEVEL:

RUN 2
 SERVICE ORDER #:
 PROGRAM VERSION:
 FLUID LEVEL:

LOGGED INTERVAL	START	STOP


LOGGED INTERVAL	START	STOP


EQUIPMENT DESCRIPTION


RUN 1
SURFACE EQUIPMENT
 LCM-AA 909
 SFT-281 24
 SFT-178 4722
 GSR-U 135
 WITM (DTS)-A

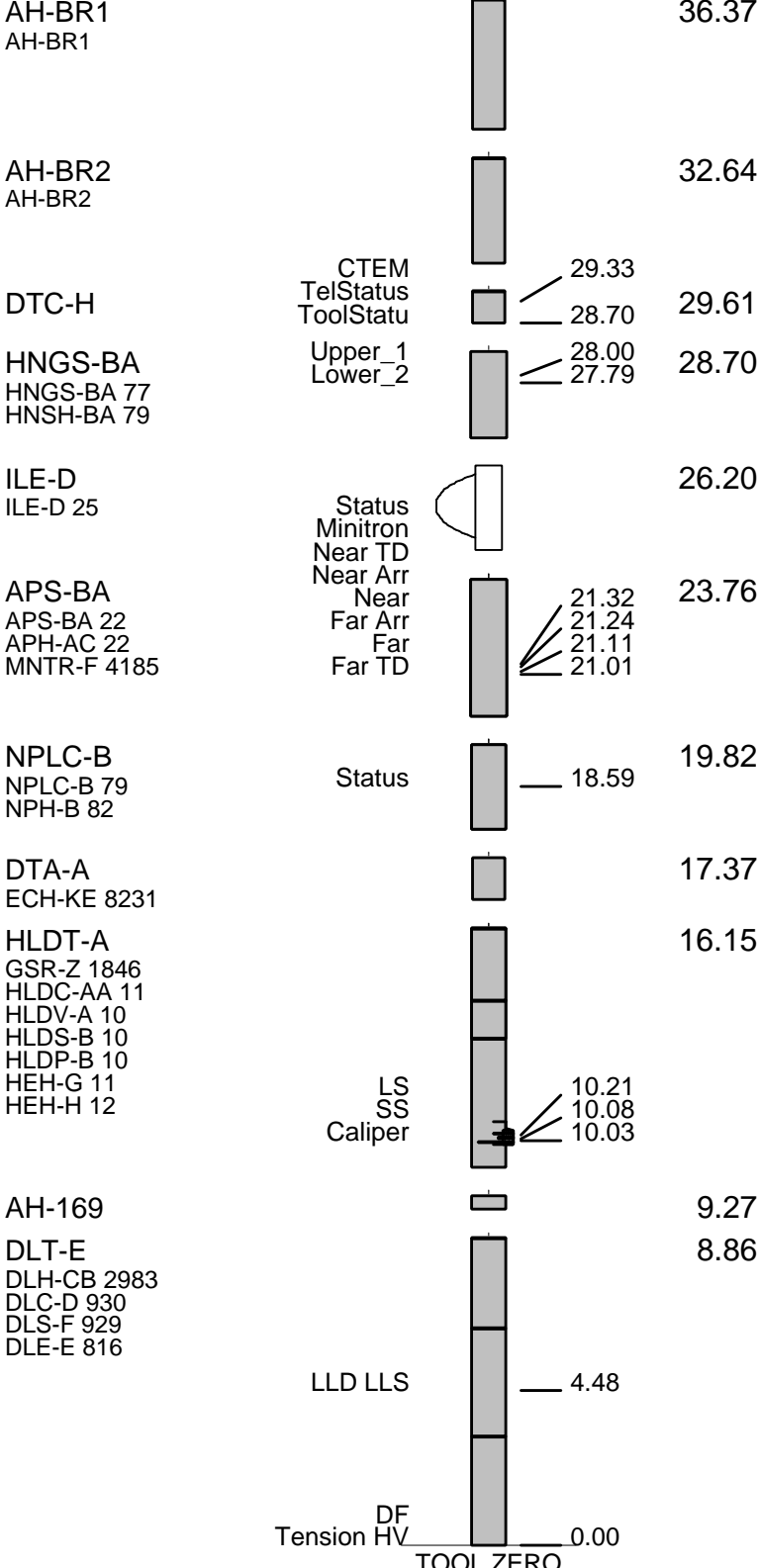
RUN 2

DOWNHOLE EQUIPMENT

BSP  61.64
 BRT-S

SP SPARC  40.59

LEH-QT  37.26



MAXIMUM STRING DIAMETER 3.88 IN
 MEASUREMENTS RELATIVE TO TOOL ZERO
 ALL LENGTHS IN METERS

Output DLIS Files

DEFAULT	DLL_LDL_APS_NGS_036LUP	FN:40	PRODUCER	22-Nov-2002 03:36	3847.3 M	3617.5 M
DLL_CUST	DLL_LDL_APS_NGS_036LUP	FN:41	PRODUCER	22-Nov-2002 03:36	3847.3 M	3617.5 M

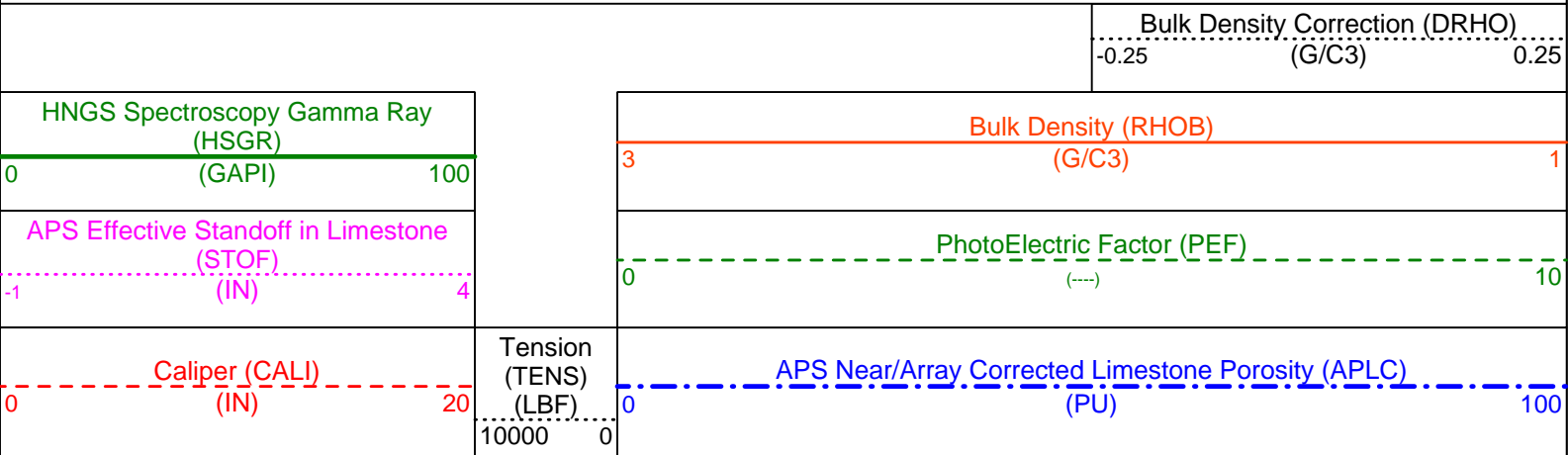
OP System Version: 10C0-306
MCM

MAIN UP LOG

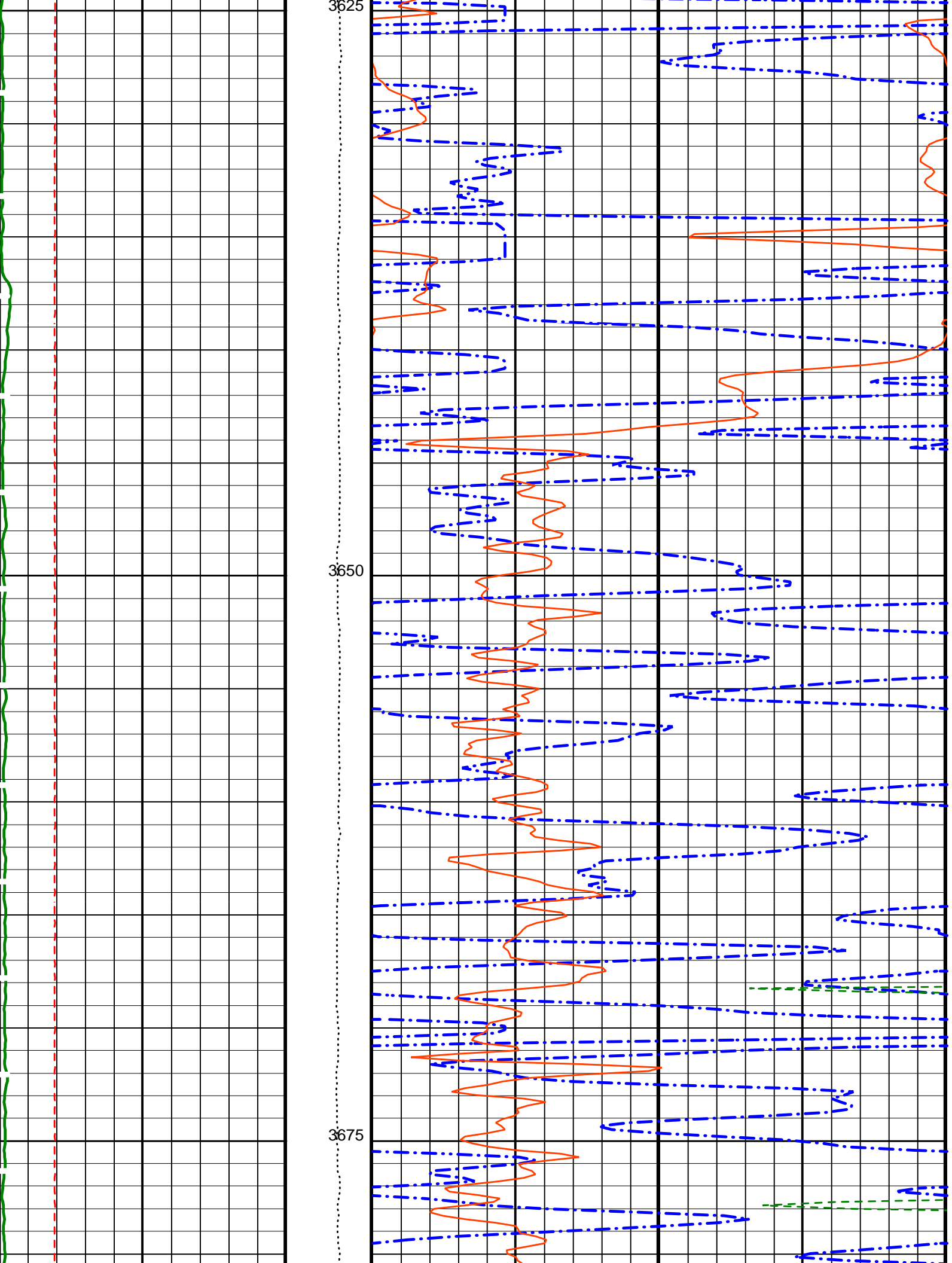
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DTA-A	10C0-306	NPLC-B	OP10-KP1
APS-BA	OP10-KP1	HNGS-BA	OP10-KP1
DTC-H	10C0-306	BSP	10C0-306

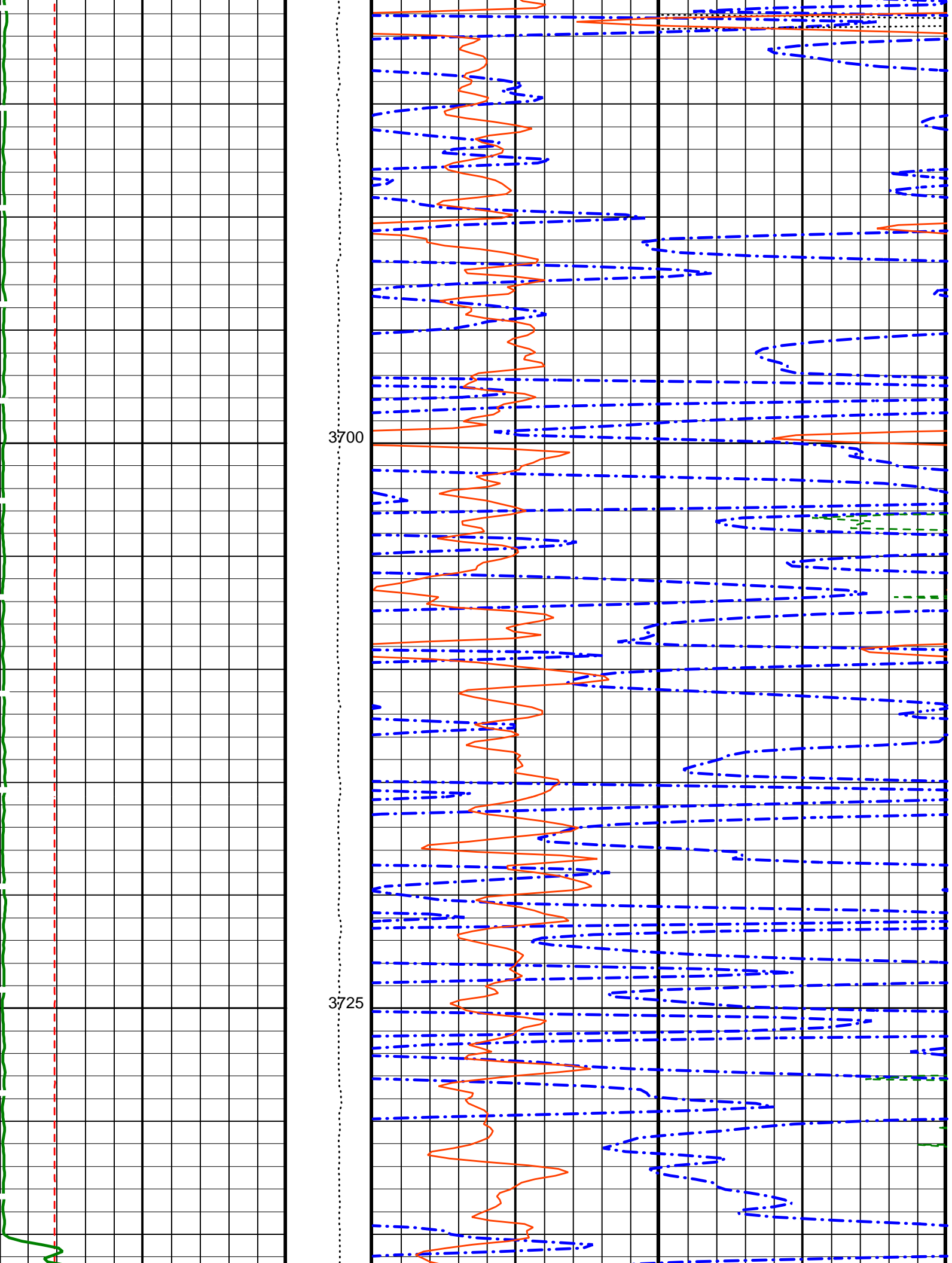
PIP SUMMARY

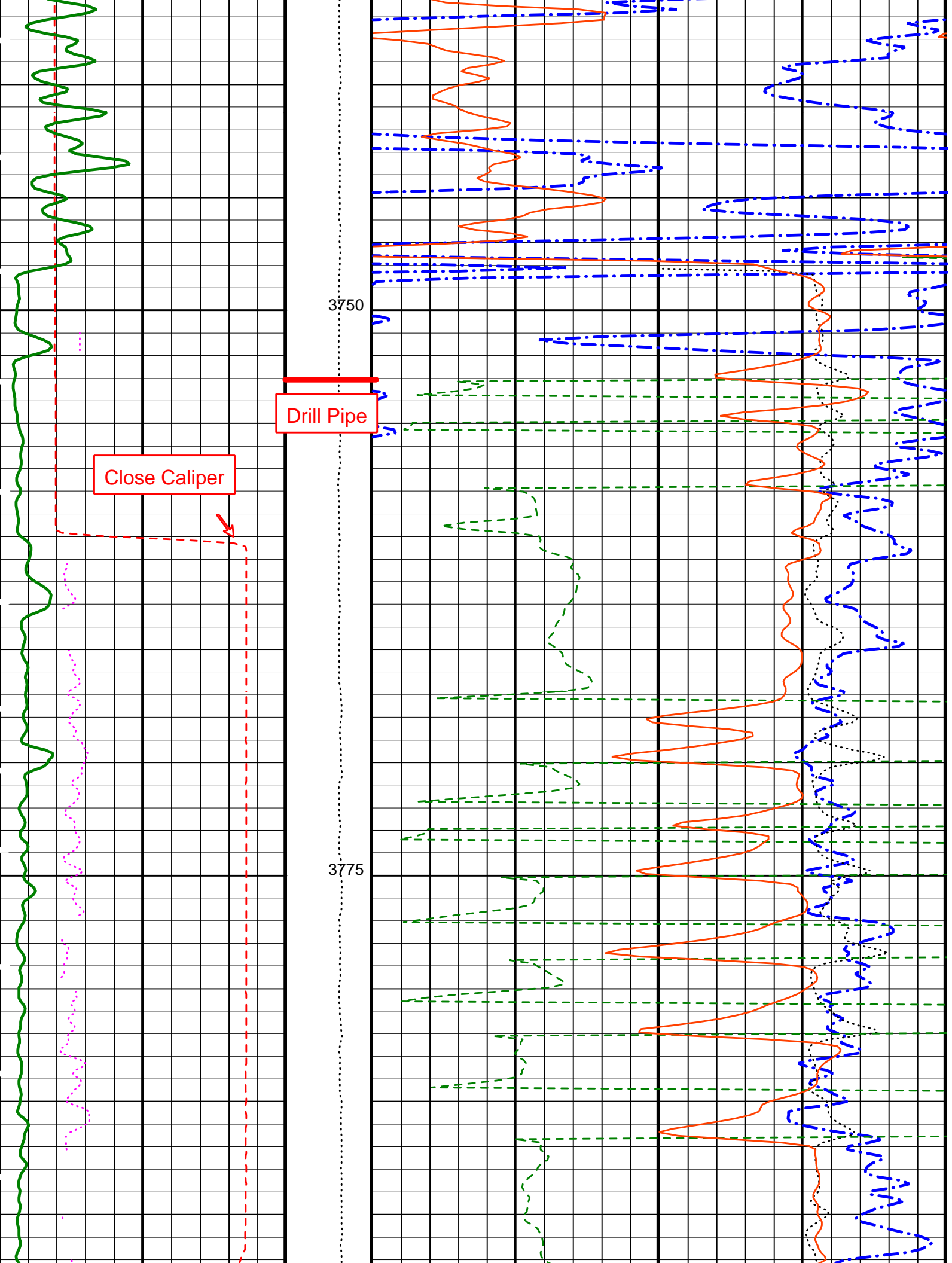
Time Mark Every 60 S

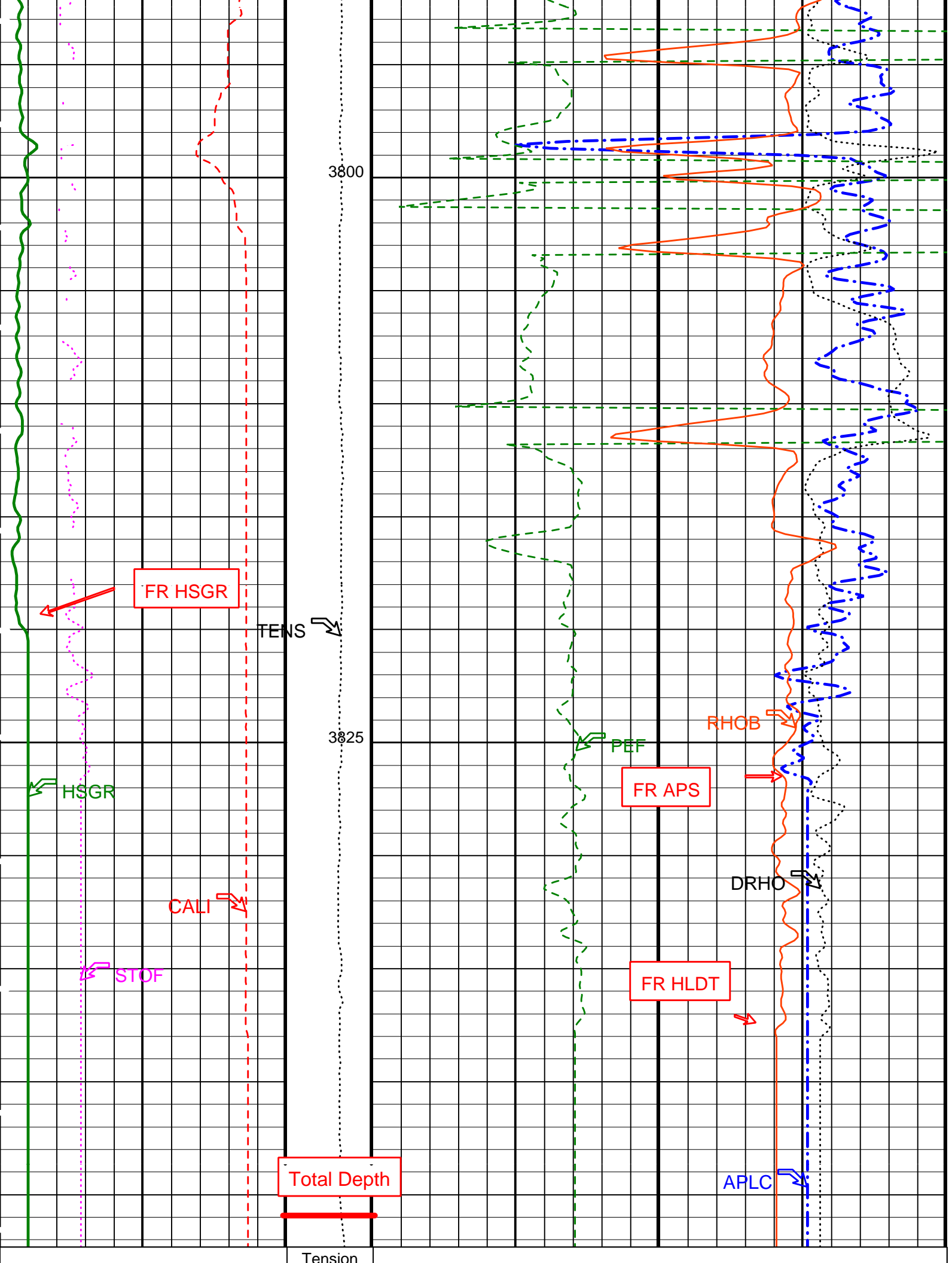


Last Reading









0	Caliper (CALI) (IN)	20	(TENS) (LBF)	0	APS Near/Array Corrected Limestone Porosity (APLC)	100	(PU)
-1	APS Effective Standoff in Limestone (STOF) (IN)	4	10000	0	PhotoElectric Factor (PEF)	10	(---
0	HNGS Spectroscopy Gamma Ray (HSGR) (GAPI)	100		3	Bulk Density (RHOB) (G/C3)	1	
					Bulk Density Correction (DRHO) (G/C3)	0.25	-0.25

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
	HLDT-A: Hostile Environment Litho Density - A		
DHC	Density Hole Correction	BS	
DPPM	Density Porosity Processing Mode	HIRS	
QPPS	Quicklook Processing Pe Select	PEFL	
WMUD	Mud Weight	1.1	G/C3
	APS-BA: Accelerator-Porosity Tool		
	APS Software Version	5	
AASD	APS Thermal and Array Detectors High Voltage Setting	1958.44	V
ABOS	APS Neutron Burst-Off Background Subtraction Switch	ON	
ADSO	APS Array Detectors Data Source Switch	Both	
AFSD	APS Far Detector High Voltage Setting	2072.71	V
AHCS	APS Holesize Correction Source	GCSE	
AHSS	APS Holesize Correction Switch	ON	
AMTY	APS Environmental Corrections Mud Type	WaterBaseBarite	
ANSD	APS Near Detector High Voltage Setting	1727.99	V
ASOS	APS Standoff Correction Switch	ON	
ATSS	APS Temperature-Pressure-Salinity Correction Switch	OFF	
BHS	Borehole Status	OPEN	
BHT	Bottom Hole Temperature (used in calculations)	15	DEGC
DPPM	Density Porosity Processing Mode	HIRS	
FSAL	Formation Salinity	35000	PPM
GCSE	Generalized Caliper Selection	CALI	
GDEV	Average Angular Deviation of Borehole from Normal	0	DEG
GGRD	Geothermal Gradient	0.018227	DC/M
GTSE	Generalized Temperature Selection	LINEAR_ESTIMATE	
NARC	APS Near/Array Calibration Ratio	1.05708	
NFRC	APS Near/Far Calibration Ratio	0.893553	
SHT	Surface Hole Temperature	20	DEGC
	HNGS-BA: Hostile Natural Gamma Ray Sonde		
BAR1	HNGS Detector 1 Barite Constant	1	
BAR2	HNGS Detector 2 Barite Constant	1	
BHK	HNGS Borehole Potassium Correction Concentration	0	
BHS	Borehole Status	OPEN	
BHT	Bottom Hole Temperature (used in calculations)	15	DEGC
CSD1	Inner Casing Outer Diameter	0	IN
CSD2	Outer Casing Outer Diameter	0	IN
CSW1	Inner Casing Weight	0	LB/F
CSW2	Outer Casing Weight	0	LB/F
DBCC	HNGS Barite Constant Correction Flag	NONE	
GCSE	Generalized Caliper Selection	CALI	
GDEV	Average Angular Deviation of Borehole from Normal	0	DEG
GGRD	Geothermal Gradient	0.018227	DC/M
GTSE	Generalized Temperature Selection	LINEAR_ESTIMATE	
H1P	HNGS Detector 1 Allow/Disallow In Processing	ALLOW	
H2P	HNGS Detector 2 Allow/Disallow In Processing	ALLOW	
HABK	HNGS Borehole Potassium Running Average	-0.00223479	
HALF	HNGS Alpha Filter Length	60	IN
HCRB	HNGS Apply Borehole Potassium Correction	NONE	
HMWM	Mud Weighting Material	NATU	
HNPE	HNGS Processing Enable	YES	
S1BI	HNGS Detector 1 Calibration Bismuth Count Rate	1.3	CPS
S2BI	HNGS Detector 2 Calibration Bismuth Count Rate	1.3	CPS
SGRC	HNGS Standard Gamma-Ray Correction Flag	YES	
SHT	Surface Hole Temperature	20	DEGC
TPOS	Tool Position	ECCE	
VBA1	HNGS Detector 1 Variable Barite Factor Running Average	1.02936	
VBA2	HNGS Detector 2 Variable Barite Factor Running Average	1.28817	
	System and Miscellaneous		

BS	Bit Size	9.875	IN
BSAL	Borehole Salinity	35000.00	PPM
CSIZ	Current Casing Size	0.000	IN
CWEI	Casing Weight	0.00	LB/F
DFD	Drilling Fluid Density	1.07	G/C3
TD	Total Depth	4987	M

Format: APSLiquidPorosity_1 Vertical Scale: 1:200 Graphics File Created: 22-Nov-2002 03:36

OP System Version: 10C0-306

MCM

DLT-E	10C0-306	HLDT-A	10C0-306
DTA-A	10C0-306	NPLC-B	OP10-KP1
APS-BA	OP10-KP1	HNGS-BA	OP10-KP1
DTC-H	10C0-306	BSP	10C0-306

Output DLIS Files

DEFAULT	DLL_LDL_APS_NGS_036LUP	FN:40	PRODUCER	22-Nov-2002 03:36
DLL_CUST	DLL_LDL_APS_NGS_036LUP	FN:41	PRODUCER	22-Nov-2002 03:36

Output DLIS Files

DEFAULT	DLL_LDL_APS_NGS_040LUP	FN:48	PRODUCER	22-Nov-2002 11:45	3961.6 M	3802.3 M
DLL_CUST	DLL_LDL_APS_NGS_040LUP	FN:49	PRODUCER	22-Nov-2002 11:45	3961.6 M	3802.3 M

OP System Version: 10C0-306

MCM

MAIN UP LOG

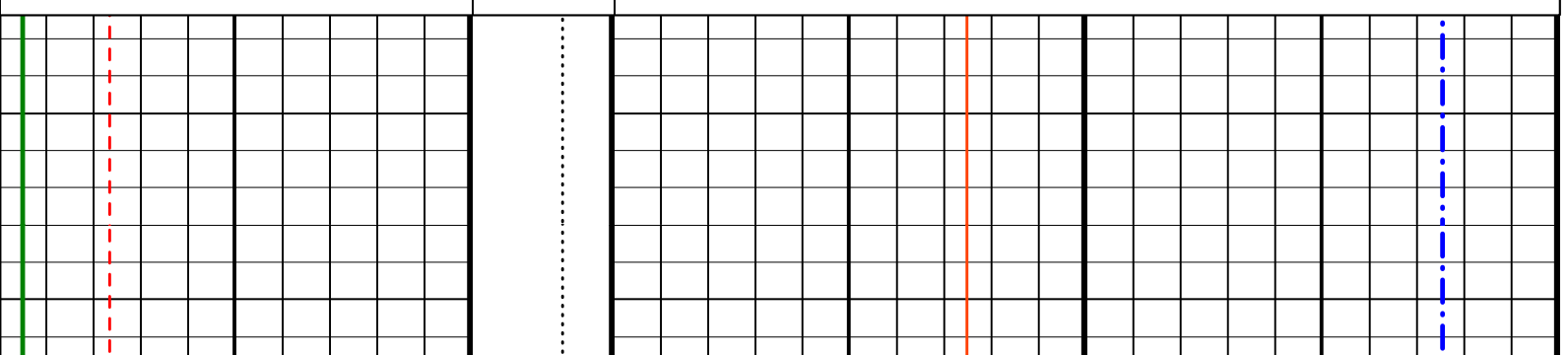
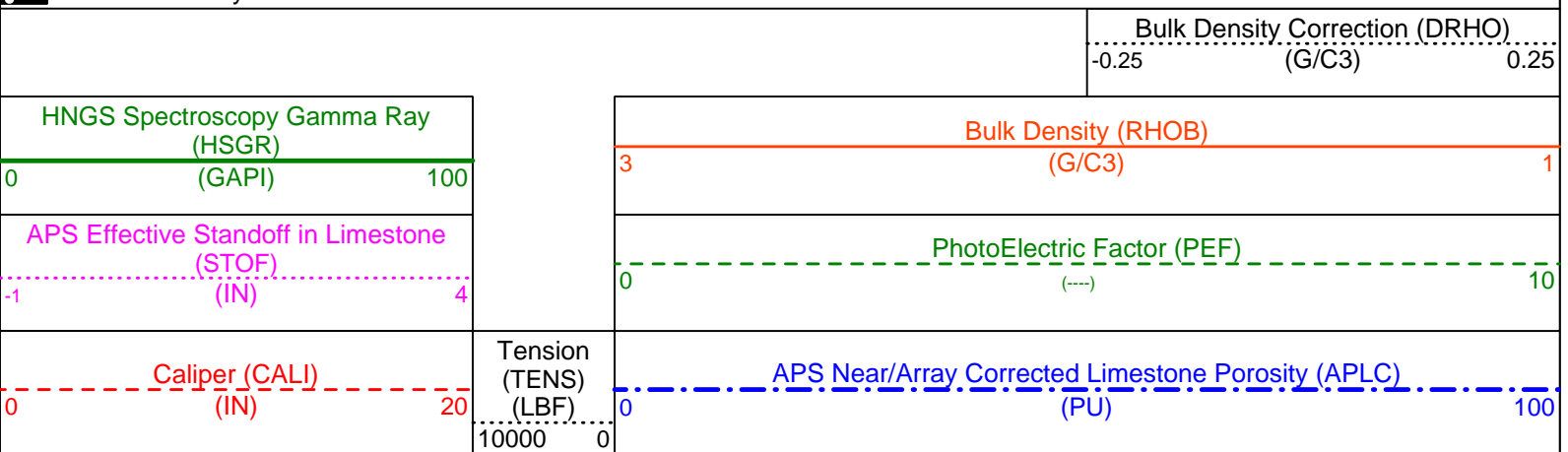
DLT-E	10C0-306	HLDT-A	10C0-306
DTA-A	10C0-306	NPLC-B	OP10-KP1
APS-BA	OP10-KP1	HNGS-BA	OP10-KP1
DTC-H	10C0-306	BSP	10C0-306

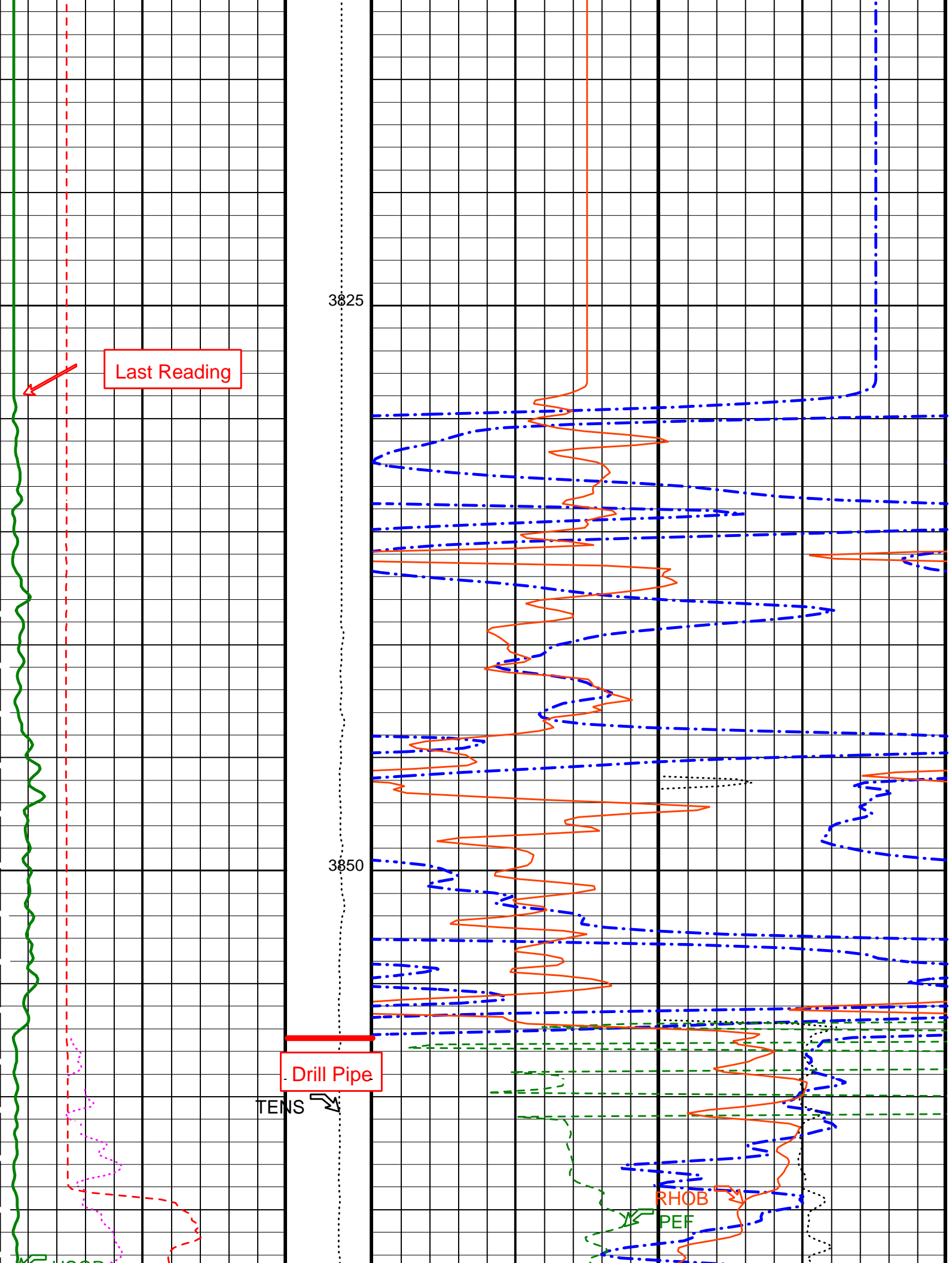
Changed Parameter Summary

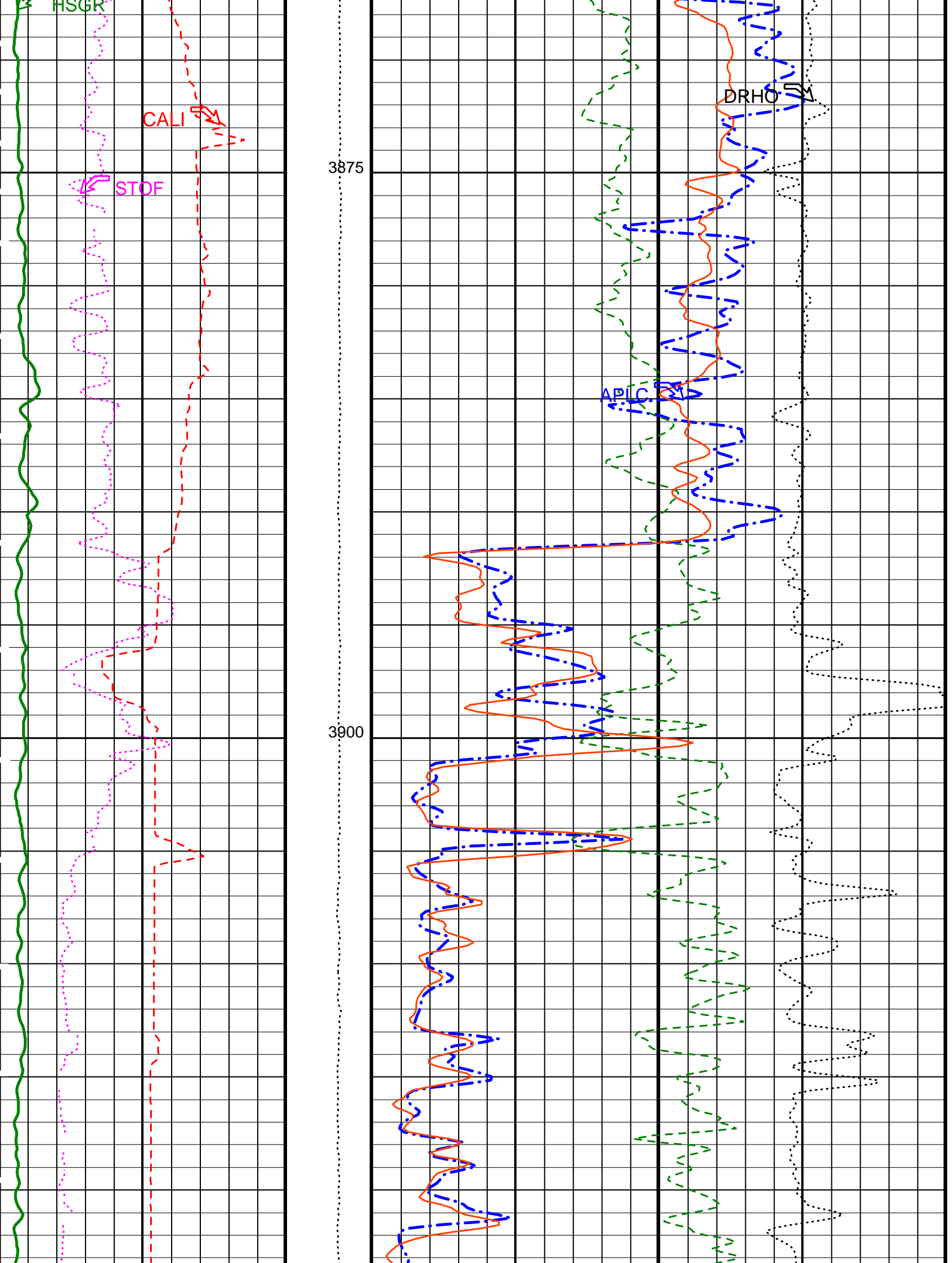
DLIS Name	New Value	Previous Value	Depth & Time
GCSE	BS	CALI	3869.5 12:12:10

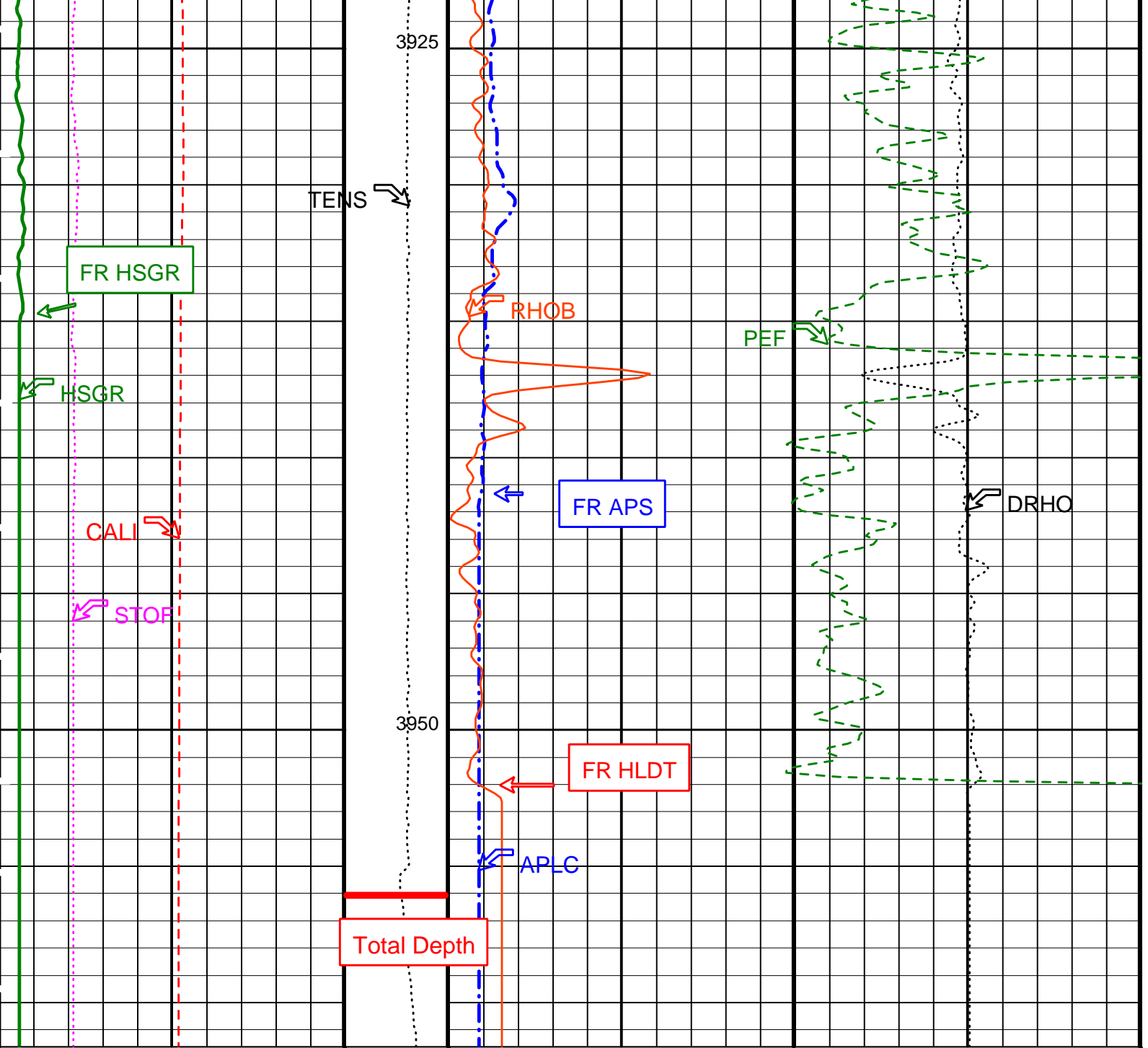
PIP SUMMARY

Time Mark Every 60 S









<p>Caliper (CALI) (IN) 0 20</p> <p>APS Effective Standoff in Limestone (STOF) (IN) -1 4</p> <p>HNGS Spectroscopy Gamma Ray (HSGR) (GAPI) 0 100</p>	<p>Tension (TENS) (LBF) 10000 0</p> <p>APS Near/Array Corrected Limestone Porosity (APLC) (PU) 0 100</p> <p>PhotoElectric Factor (PEF) (----) 0 10</p> <p>Bulk Density (RHOB) (G/C3) 3 1</p> <p>Bulk Density Correction (DRHO) (G/C3) -0.25 0.25</p>
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PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value
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DHC	HLDT-A: Hostile Environment Litho Density - A		BS	
DPPM	Density Hole Correction		HIRS	
QPPS	Density Porosity Processing Mode		PEFL	
WMUD	Quicklook Processing Pe Select		1.1	G/C3
	Mud Weight			
	APS-BA: Accelerator-Porosity Tool			
	APS Software Version		5	
AASD	APS Thermal and Array Detectors High Voltage Setting	1958.44		V
ABOS	APS Neutron Burst-Off Background Subtraction Switch	ON		
ADSO	APS Array Detectors Data Source Switch	Both		
AFSD	APS Far Detector High Voltage Setting	2072.71		V
AHCS	APS Holesize Correction Source	GCSE		
AHSS	APS Holesize Correction Switch	ON		
AMTY	APS Environmental Corrections Mud Type	WaterBaseBarite		
ANSD	APS Near Detector High Voltage Setting	1727.99		V
ASOS	APS Standoff Correction Switch	ON		
ATSS	APS Temperature-Pressure-Salinity Correction Switch	OFF		
BHS	Borehole Status	OPEN		
BHT	Bottom Hole Temperature (used in calculations)	15		DEGC
DPPM	Density Porosity Processing Mode	HIRS		
FSAL	Formation Salinity	35000		PPM
GCSE	Generalized Caliper Selection	CALI		
GDEV	Average Angular Deviation of Borehole from Normal	0		DEG
GGRD	Geothermal Gradient	0.018227		DC/M
GTSE	Generalized Temperature Selection	LINEAR_ESTIMATE		
NARC	APS Near/Array Calibration Ratio	1.05708		
NFRC	APS Near/Far Calibration Ratio	0.893553		
SHT	Surface Hole Temperature	20		DEGC
	HNGS-BA: Hostile Natural Gamma Ray Sonde			
BAR1	HNGS Detector 1 Barite Constant	1		
BAR2	HNGS Detector 2 Barite Constant	1		
BHK	HNGS Borehole Potassium Correction Concentration	0		
BHS	Borehole Status	OPEN		
BHT	Bottom Hole Temperature (used in calculations)	15		DEGC
CSD1	Inner Casing Outer Diameter	0		IN
CSD2	Outer Casing Outer Diameter	0		IN
CSW1	Inner Casing Weight	0		LB/F
CSW2	Outer Casing Weight	0		LB/F
DBCC	HNGS Barite Constant Correction Flag	NONE		
GCSE	Generalized Caliper Selection	CALI		
GDEV	Average Angular Deviation of Borehole from Normal	0		DEG
GGRD	Geothermal Gradient	0.018227		DC/M
GTSE	Generalized Temperature Selection	LINEAR_ESTIMATE		
H1P	HNGS Detector 1 Allow/Disallow In Processing	ALLOW		
H2P	HNGS Detector 2 Allow/Disallow In Processing	ALLOW		
HABK	HNGS Borehole Potassium Running Average	-0.0089739		
HALF	HNGS Alpha Filter Length	60		IN
HCRB	HNGS Apply Borehole Potassium Correction	NONE		
HMWM	Mud Weighting Material	NATU		
HNPE	HNGS Processing Enable	YES		
S1BI	HNGS Detector 1 Calibration Bismuth Count Rate	1.3		CPS
S2BI	HNGS Detector 2 Calibration Bismuth Count Rate	1.3		CPS
SGRC	HNGS Standard Gamma-Ray Correction Flag	YES		
SHT	Surface Hole Temperature	20		DEGC
TPOS	Tool Position	ECCE		
VBA1	HNGS Detector 1 Variable Barite Factor Running Average	0.833538		
VBA2	HNGS Detector 2 Variable Barite Factor Running Average	0.846703		
	System and Miscellaneous			
BS	Bit Size	9.875		IN
BSAL	Borehole Salinity	35000.00		PPM
CSIZ	Current Casing Size	0.000		IN
CWEI	Casing Weight	0.00		LB/F
DFD	Drilling Fluid Density	1.07		G/C3
TD	Total Depth	4987		M

Format: APSLiquidPorosity_1 Vertical Scale: 1:200 Graphics File Created: 22-Nov-2002 11:45

OP System Version: 10C0-306

MCM

DLT-E	10C0-306	HLDT-A	10C0-306
DTA-A	10C0-306	NPLC-B	OP10-KP1
APS-BA	OP10-KP1	HNGS-BA	OP10-KP1
DTC-H	10C0-306	BSP	10C0-306

Output DLIS Files

DEFAULT	DLL_LDL_APS_NGS_040LUP	FN:48	PRODUCER	22-Nov-2002 11:45
DLL_CUST	DLL_LDL_APS_NGS_040LUP	FN:49	PRODUCER	22-Nov-2002 11:45

Company: Lamont Doherty

Schlumberger

Well: ODP Leg 206, Site 1256C

Field: Fast Spreading Crust

Country: Coata Rica

Ocean: Pacific Ocean

APS/HLDT Porosty