

COMPANY: Lamont Doherty

WELL: ODP Leg 194, Site 1198B

FIELD: Marion Plateau

Country: Australia Ocean: Pacific Ocean



Phasor Induction-Natural Gamma Ray

Country: Australia		Field: Marion Plateau		Location: Rig- Joides Resolution		Well: ODP Leg 194, Site 1198B		Company: Lamont Doherty	
LOCATION					Rig- Joides Resolution				
Permanent Datum:		GROUND LEVEL		Elev.:		K.B. 11.3 m			
Log Measured From:		DES		Elev.:		G.L. -330.5 m			
Drilling Measured From:		DES		Elev.:		D.F. 11 m			
API Serial No.:		SECTION		TOWNSHIP		RANGE			

Logging Date	2/10/01				
Run Number	1				
Depth Driller	853.1 m				
Schlumberger Depth	562.5 m				
Bottom Log Interval	560 m				
Top Log Interval	320.3 m				
Casing Driller Size @ Depth	0.000 in	@	406.3 m	@	
Casing Schlumberger	405 m				
Bit Size	9.875 in				
Type Fluid In Hole	Sepiolite				
Density	1.1 g/cm3				
Fluid Loss	PH				
Source Of Sample					
RM @ Measured Temperature	@			@	
RMF @ Measured Temperature	@			@	
RMC @ Measured Temperature	@			@	
Source RMF	RMC				
RM @ MRT	RMF @ MRT	@		@	@
Maximum Recorded Temperatures					
Circulation Stopped	Time	2/10/01	1900		
Logger On Bottom	Time		See Log		
Unit Number	Location	99	Houston		
Recorded By		Steve Kittredge			
Witnessed By		Heike Delius, Gregor Eberli			

Logging Date					
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		RMF @ MRT	@		@
Maximum Recorded Temperatures					
Circulation Stopped		Time			
Logger On Bottom		Time			
Unit Number		Location			
Recorded By					
Witnessed By					

Logging Date					
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		RMF @ MRT	@		@
Maximum Recorded Temperatures					
Circulation Stopped		Time			
Logger On Bottom		Time			
Unit Number		Location			
Recorded By					
Witnessed By					

DISCLAIMER

THE USE OF AND RELIANCE UPON THIS RECORDED-DATA BY THE HEREIN NAMED COMPANY (AND ANY OF ITS AFFILIATES, PARTNERS, REPRESENTATIVES, AGENTS, CONSULTANTS AND EMPLOYEES) IS SUBJECT TO THE TERMS AND CONDITIONS AGREED UPON BETWEEN SCHLUMBERGER AND THE COMPANY, INCLUDING: (a) RESTRICTIONS ON USE OF THE RECORDED-DATA; (b) DISCLAIMERS AND WAIVERS OF WARRANTIES AND REPRESENTATIONS REGARDING COMPANY'S USE OF AND RELIANCE UPON THE RECORDED-DATA; AND (c) CUSTOMER'S FULL AND SOLE RESPONSIBILITY FOR ANY INFERENCE DRAWN OR DECISION MADE IN CONNECTION WITH THE USE OF THIS RECORDED-DATA.


OTHER SERVICES1 OS1: None OS2: OS3: OS4: OS5:	OTHER SERVICES2 OS1: OS2: OS3: OS4: OS5:
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REMARKS: RUN NUMBER 1 Hole Cored With RCB. WHC used on all runs. Could not get past 566 MBRF. Log Measured in Meters Below Rig Floor (MBRF). Sea Floor Driller- 330.5 MBRF. Sea Floor Logger- 331.5 MBRF. Drill Pipe Driller- 406 MBRF. Drill Pipe Logger- 405 MBRF. Total Depth Driller- 853.1 MBRF. Total Depth Logger- 562.5 MBRF. Due to hole conditions no further logging was attempted. Sepiolite Mud used to flush the hole.	REMARKS: RUN NUMBER 2
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RUN 1			RUN 2		
SERVICE ORDER #:			SERVICE ORDER #:		
PROGRAM VERSION:	9C1-303		PROGRAM VERSION:		
FLUID LEVEL:			FLUID LEVEL:		
LOGGED INTERVAL	START	STOP	LOGGED INTERVAL	START	STOP

EQUIPMENT DESCRIPTION

RUN 1		RUN 2	
SURFACE EQUIPMENT			
SFT-281 24 SFT-178 4722 GSR-U 135 WITM (DTS)-A			

DOWNHOLE EQUIPMENT			
LEH-QT		28.69	
LEH-QT			
DTC-H	CTEM	27.52	27.80
ECH-KC	TelStatus ToolStatu	26.89	
HNGS-BA	Upper_1	26.19	26.89
HNGS BA 27	Lower_2	25.98	

HNGS-BA 27
HNSH-BA 27

Lower_2

23.95

ILE-D
ILE-D



24.39

APS-BA
APS-BA 22
APH-AC 22
MNTR-F 4185

Status
Minitron
Near TD
Near Arr
Near
Far Arr
Far
Far TD

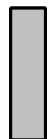


21.95

19.51
19.43
19.30
19.20

NPLC-B
NPLC-B 79
NPH-B 82

Status

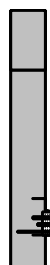


18.01

16.78

HLDS
GSR-Z 1846
HLDV-D 35
HLDS-D 35
HEH-H 35
HLDP-C 12

Caliper
SS LS Status



15.56

11.51

DTA-A
ECH-KE
DTA-A



10.74

DIT-E
DIC-EB 171
MIH-ZA 174
DIS-HB 129



9.52

SP
Deep Ind
Aux Meas SFL
Med Ind

3.15
2.90
1.98
1.83

Status HV DF
Tension

0.00

TOOL ZERO

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

Output DLIS Files

DEFAULT	DITE .003	FN:3	PRODUCER	10-Feb-2001 22:39	562.4 M	320.3 M
TCOMBO_CUST	DITE .003	FN:4	PRODUCER	10-Feb-2001 22:39	562.4 M	320.3 M

OP System Version: 9C1-303
MCM

MAIN UP LOG

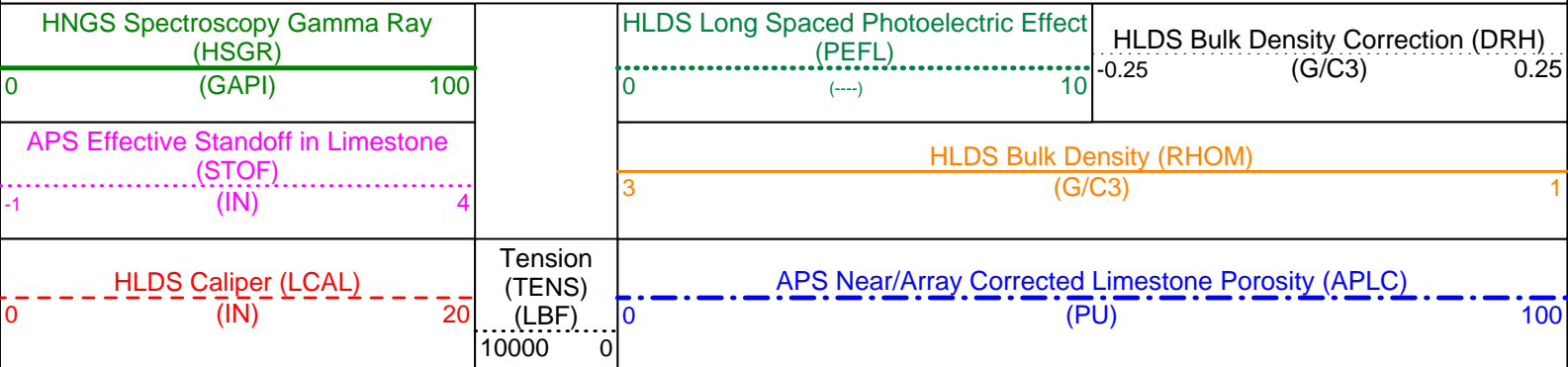
DIT-E	OP91-kp2	DTA-A	OP91-kp2
HLDS	OP91-kp2	NPLC-B	OP91-kp2
APS-BA	OP91-kp2	HNGS-BA	OP91-kp2
DTC-H	OP91-kp2		

Changed Parameter Summary

DLIS Name	New Value	Previous Value	Depth & Time
GCSE	BS	LCAL	442.1 23:15:10

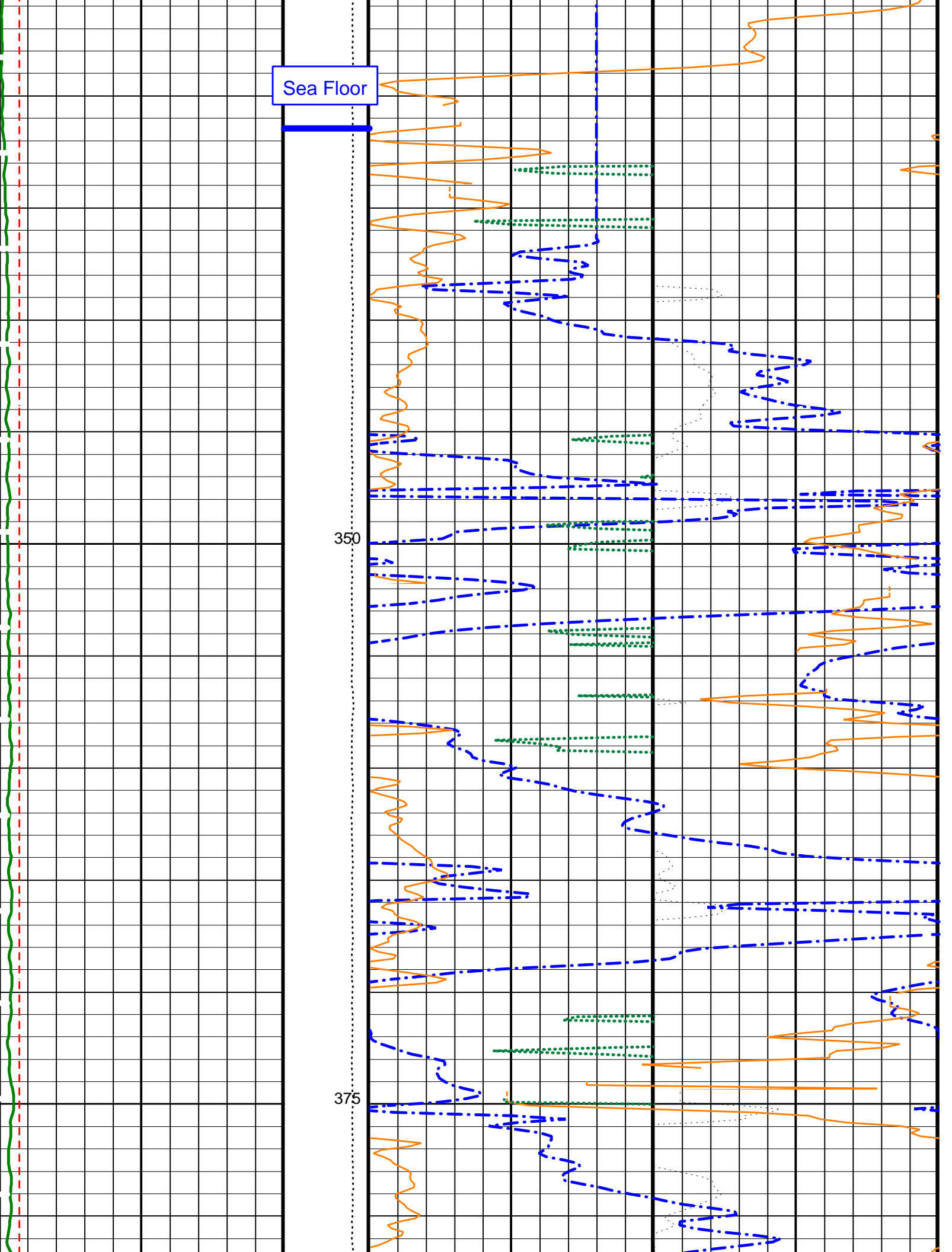
PIP SUMMARY

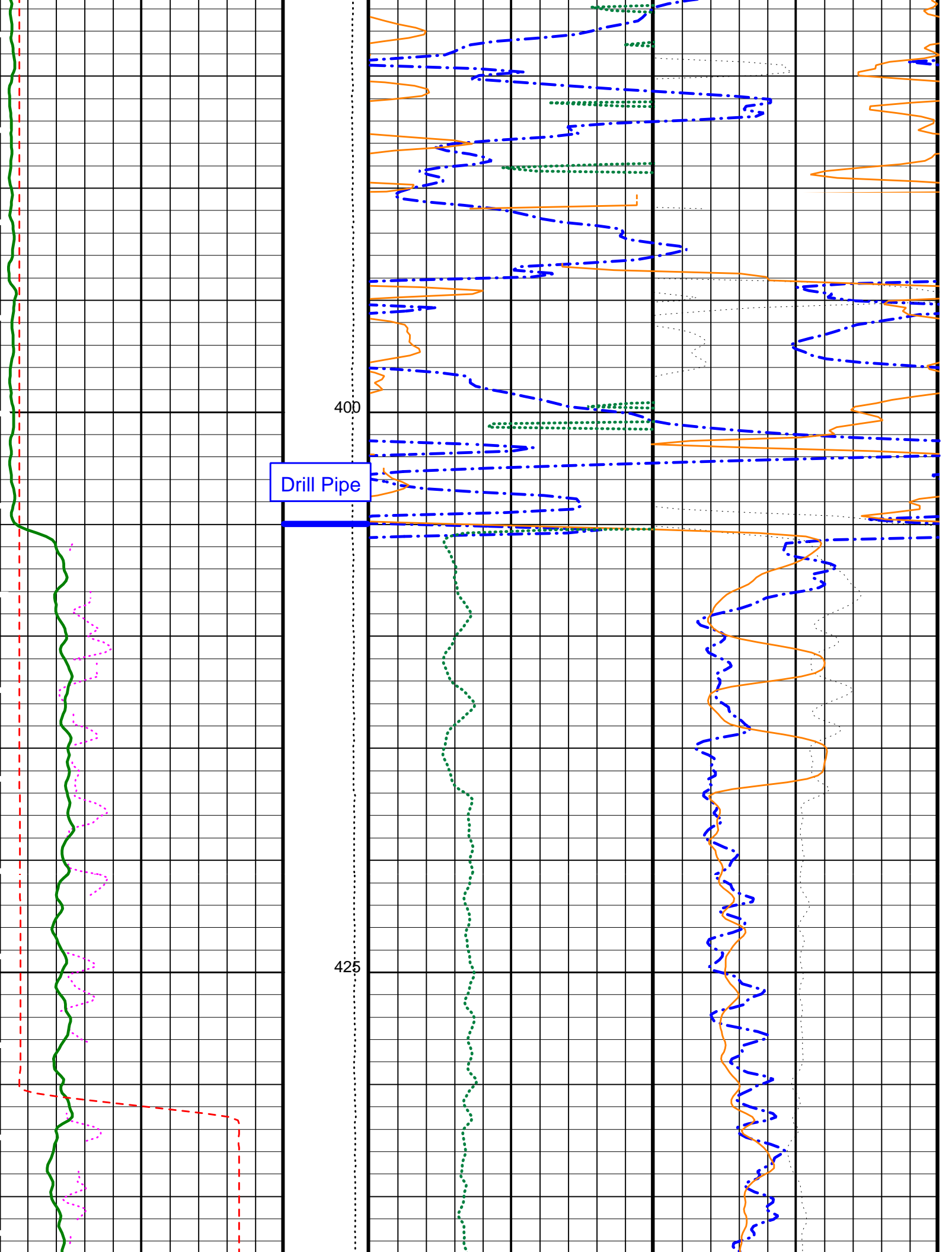
Time Mark Every 60 S

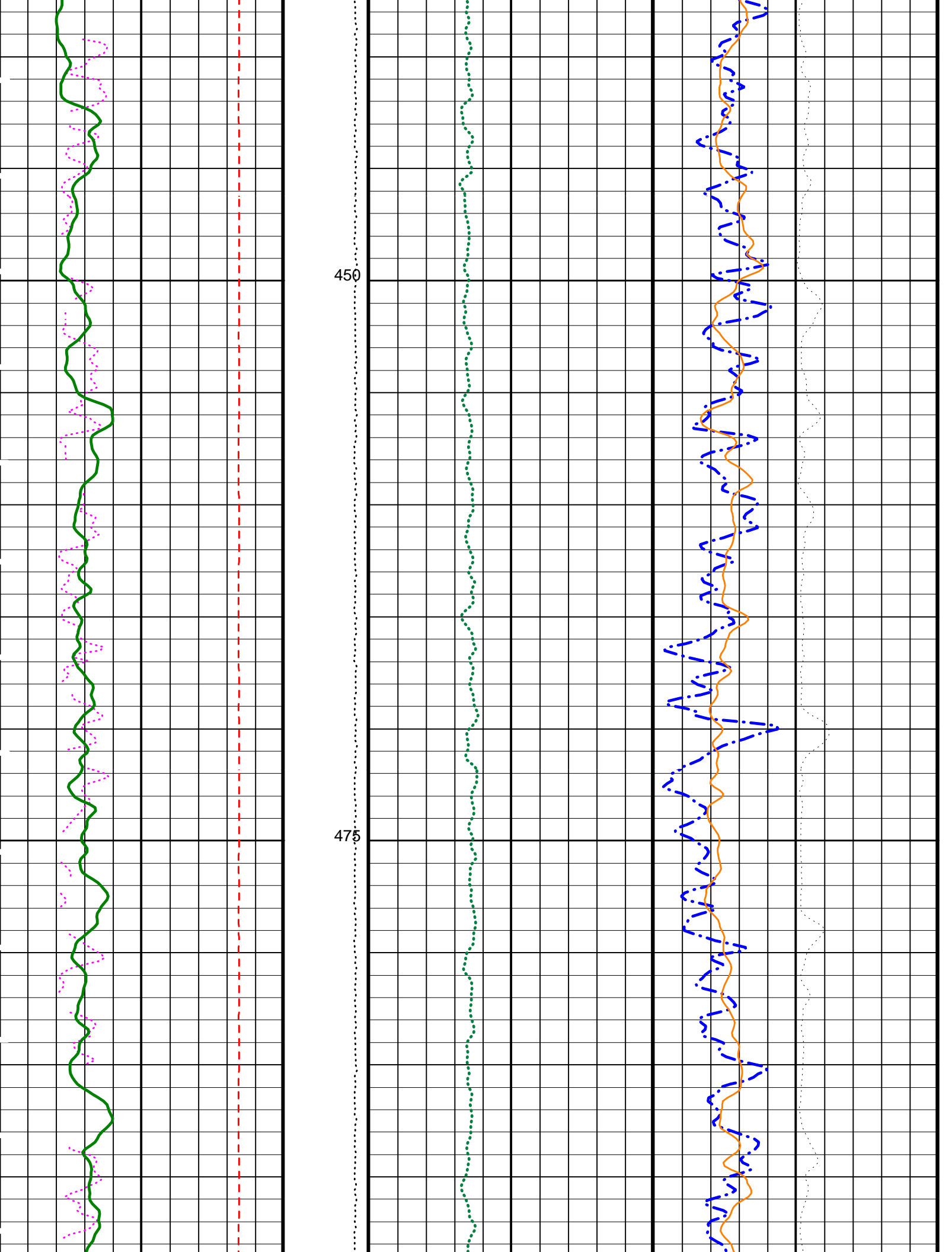


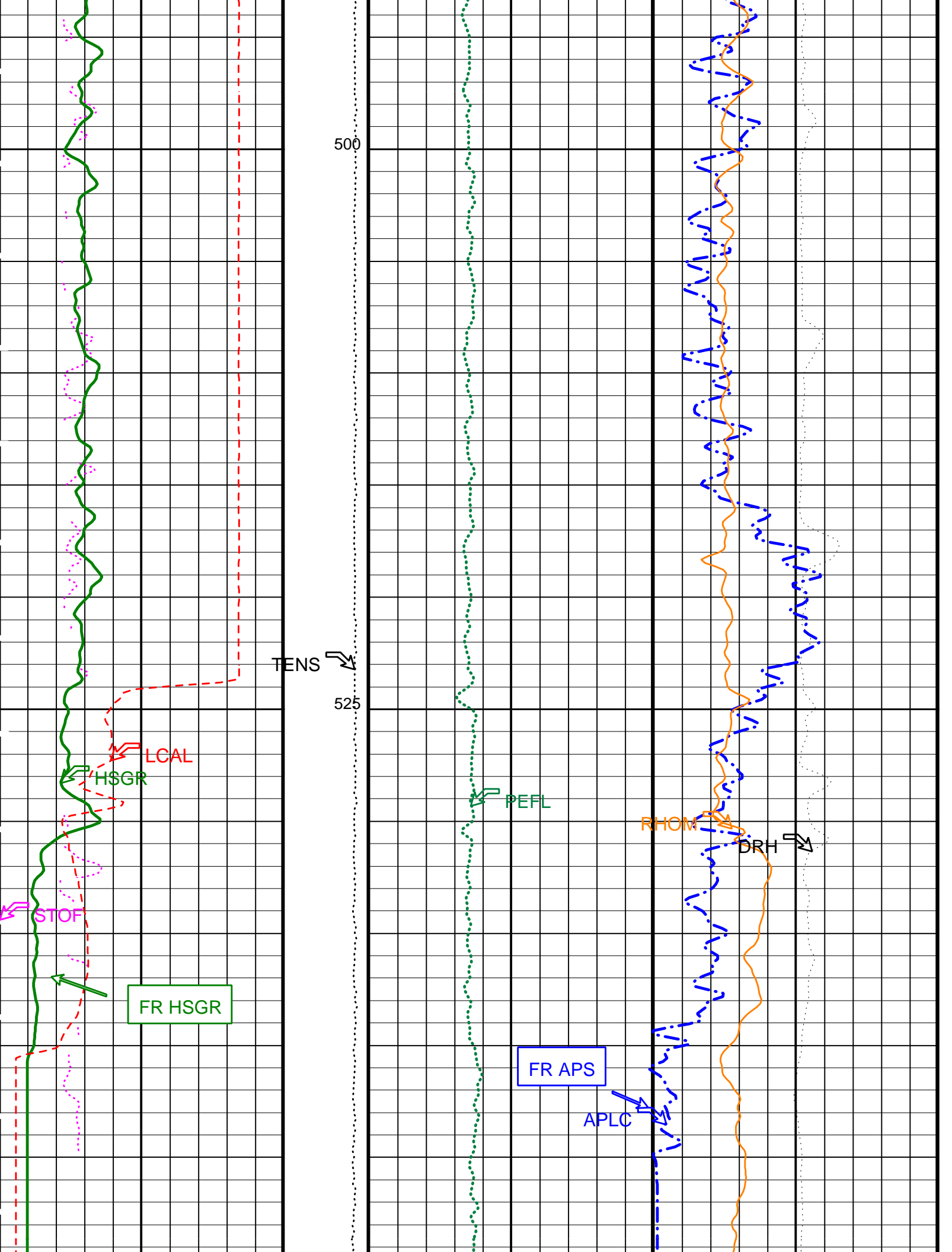
Last Reading

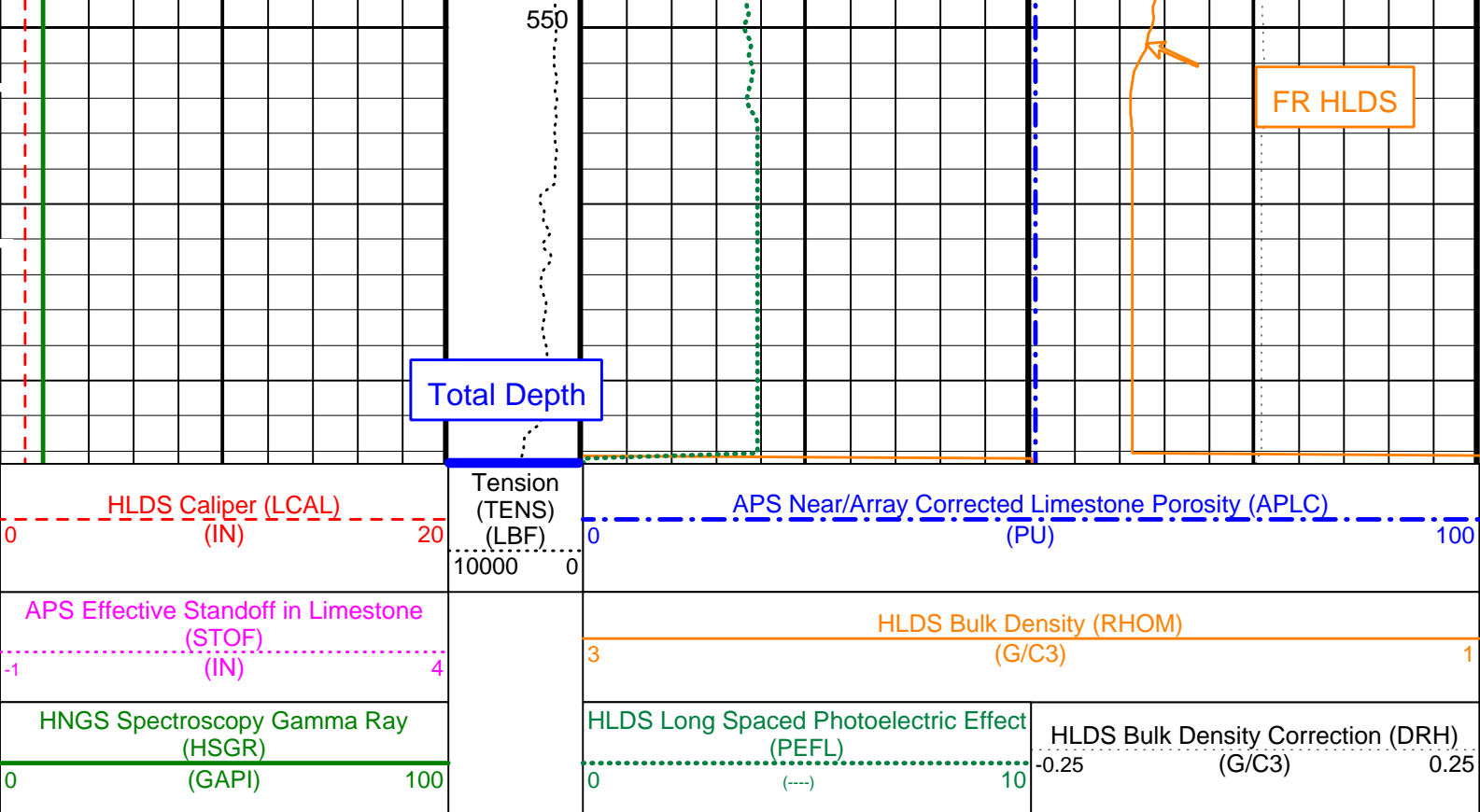
325











Parameters

DLIS Name	Description	Value
	APS Software Version	5
	HLDS Spec Message Rate	1
	HLDS Diag Message Rate	20
	HLDS Data Control	AcquiredData
	HLDS SS NCB Mode	Density
	HLDS LS NCB Mode	Density
	HLDS SS Tri-Ported Memory State	Enable
	HLDS LS Tri-Ported Memory State	Enable
	APS Cement Thickness Source	COMPUTED
	Apparent Thickness of Cement	0 IN
	HLDS SS Digital Integrator State	Normal
	HLDS LS Digital Integrator State	Normal
AASD	APS Thermal and Array Detectors High Voltage Setting	1968.98 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	2052.03 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	1748.3 V
ASOS	APS Standoff Correction Switch	ON
ATSS	APS Temperature-Pressure-Salinity Correction Switch	OFF
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)	12 DEGC
BKSF	HNGS Borehole Fluid Excluder Sleeve Algorithm Factor	1
BKSH	HNGS Borehole Fluid Excluder Sleeve Algorithm High Channel	245
BKSL	HNGS Borehole Fluid Excluder Sleeve Algorithm Low Channel	17
BS	Bit Size	9.875 IN
BSAL	Borehole Salinity	35000.00 PPM
CSD1	Inner Casing Outer Diameter	0 IN
CSD2	Outer Casing Outer Diameter	0 IN
CSIZ	Current Casing Size	0.000 IN
CSW1	Inner Casing Weight	0 LB/F
CSW2	Outer Casing Weight	0 LB/F
CWEI	Casing Weight	0.00 LB/F
D1PR	HNGS Detector 1 Calibration Thorium Peak Resolution	7.79616 %
D1TC	HNGS Detector 1 Calibration Temperature	30.594 DEGC
D1TL	HNGS Detector 1 Calibration Thorium Peak Location	211.429

D2PR	HNGS Detector 2 Calibration Thorium Peak Resolution	6.70686	%
D2TC	HNGS Detector 2 Calibration Temperature	29.6607	DEGC
D2TL	HNGS Detector 2 Calibration Thorium Peak Location	210.041	
DBCC	HNGS Barite Constant Correction Flag	NONE	
DFD	Drilling Fluid Density	1.10	G/C3
DHC	Density Hole Correction	BS	
DPPM	Density Porosity Processing Mode	HIRS	
FD	Fluid Density	1.01	G/C3
FSAL	Formation Salinity	35500	PPM
GCF1_START	HNGS Detector 1 GCF Constant	1	
GCF2_START	HNGS Detector 2 GCF Constant	1	
GCSE	Generalized Caliper Selection	LCAL	
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	-0.00191565	
HALF	HNGS Alpha Filter Length	60	IN
HATIM	HNGS Marquardt Accumulation Time	600	S
HCRB	HNGS Apply Borehole Potassium Correction	NONE	
HMWM	Mud Weighting Material	NATU	
HNPE	HNGS Processing Enable	YES	
HSLV	HNGS Borehole Fluid Excluder Sleeve Status	NO	
HSVN	HNGS Spectral Standards Version Number	1.00913e-031	
LATC	HLDS Activation Correction	ON	
MARQ_START	HNGS Marquardt Start-up Mode	INTERNAL	
MDEN	Matrix Density	2.71	G/C3
NARC	APS Near/Array Calibration Ratio	1.0597	
NFRC	APS Near/Far Calibration Ratio	0.897595	
RDF1_START	HNGS Detector 1 RDF Constant	0	
RDF2_START	HNGS Detector 2 RDF Constant	0	
S1BI	HNGS Detector 1 Calibration Bismuth Count Rate	1.3	CPS
S1NA	HNGS Detector 1 Calibration Sodium Count Rate	22.4203	CPS
S1NG	HNGS Detector 1 Calibration End-On / Side-On Gain Ratio	0.992953	
S2BI	HNGS Detector 2 Calibration Bismuth Count Rate	1.3	CPS
S2NA	HNGS Detector 2 Calibration Sodium Count Rate	22.621	CPS
S2NG	HNGS Detector 2 Calibration End-On / Side-On Gain Ratio	0.985234	
SABK	HNGS Statistical Uncertainty in Borehole Potassium Running Average	0.000117223	
SGRC	HNGS Standard Gamma-Ray Correction Flag	YES	
SHT	Surface Hole Temperature	20	DEGC
TD	Total Depth	987	M
TPOS	Tool Position	ECCE	
VBA1	HNGS Detector 1 Variable Barite Factor Running Average	1.03844	
VBA2	HNGS Detector 2 Variable Barite Factor Running Average	0.986994	

Format: APSLiquidPorosity_1 Vertical Scale: 1:200 Graphics File Created: 10-Feb-2001 22:39

OP System Version: 9C1-303
MCM

DIT-E	OP91-kp2	DTA-A	OP91-kp2
HLDS	OP91-kp2	NPLC-B	OP91-kp2
APS-BA	OP91-kp2	HNGS-BA	OP91-kp2
DTC-H	OP91-kp2		

Output DLIS Files

DEFAULT	DITE .003	FN:3	PRODUCER	10-Feb-2001 22:39
TCOMBO_CUST	DITE .003	FN:4	PRODUCER	10-Feb-2001 22:39

COMPANY:	Lamont Doherty	BOTTOM LOG INTERVAL	560 m
WELL:	ODP Leg 194, Site 1198B	SCHLUMBERGER DEPTH	562.5 m
FIELD:	Marion Plateau	DEPTH DRILLER	853.1 m
Country:	Australia	KELLY BUSHING	11.3 m
Ocean:	Pacific Ocean	DRILL FLOOR	11 m
		GROUND LEVEL	-330.5 m



Phasor Induction-Natural Gamma Ray