

COMPANY: Lamont Doherty

WELL: ODP Leg 194, Site 1194B

FIELD: Marion Plateau

Country: Australia Ocean: Pacific Ocean



APS/Density Porosity

LOCATION Rig- Joides Resolution		Elev.: K.B. 11.3 m G.L. -384.8 m D.F. 11 m			
Permanent Datum: _____		GROUND LEVEL _____		Elev.: _____	
Log Measured From: DES		above Perm. Datum			
Drilling Measured From: DES					
API Serial No.	SECTION	TOWNSHIP	RANGE		

Logging Date	1-25-01				
Run Number	1				
Depth Driller	812.17 m				
Schlumberger Depth	809 m				
Bottom Log Interval	807 m				
Top Log Interval	376 m				
Casing Driller Size @ Depth	0.000 in @ 463.73 m				
Casing Schlumberger	461 m				
Bit Size	9.875 in				
Type Fluid In Hole					
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		0200		
Logger On Bottom	Time		See Log		
Unit Number	Location		99 Houston		
Recorded By	Steve Kittredge				
Witnessed By	Heike Delius, Gregor Eberli				

	Run 1	Run 2	Run
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			
Logger On Bottom			
Unit Number			
Recorded By			
Witnessed By			

DISCLAIMER

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OTHER SERVICES1
 OS1: MESTB/DSI
 OS2: WSTA
 OS3:
 OS4:
 OS5:

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

REMARKS: RUN NUMBER 1
 Hole Cored With RCB.
 WHC used on all runs.
 Seas calm.
 Log Measured in Meters Below Rig Floor (MBRF).
 TD Driller- 812.17 MBRF.
 Sea Floor Driller- 384.8 MBRF.
 TD Logger- 809 MBRF.
 Sea Floor Logger- 385 MBRF.
 Drill Pipe Logger- 461 MBRF.
 Drill Pipe Driller- 464 MBRF.
 Lamont NGT run on pass #2.

REMARKS: RUN NUMBER 2

RUN 1
 SERVICE ORDER #:
 PROGRAM VERSION: 9C1-303
 FLUID LEVEL:

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

LOGGED INTERVAL	START	STOP



LOGGED INTERVAL	START	STOP

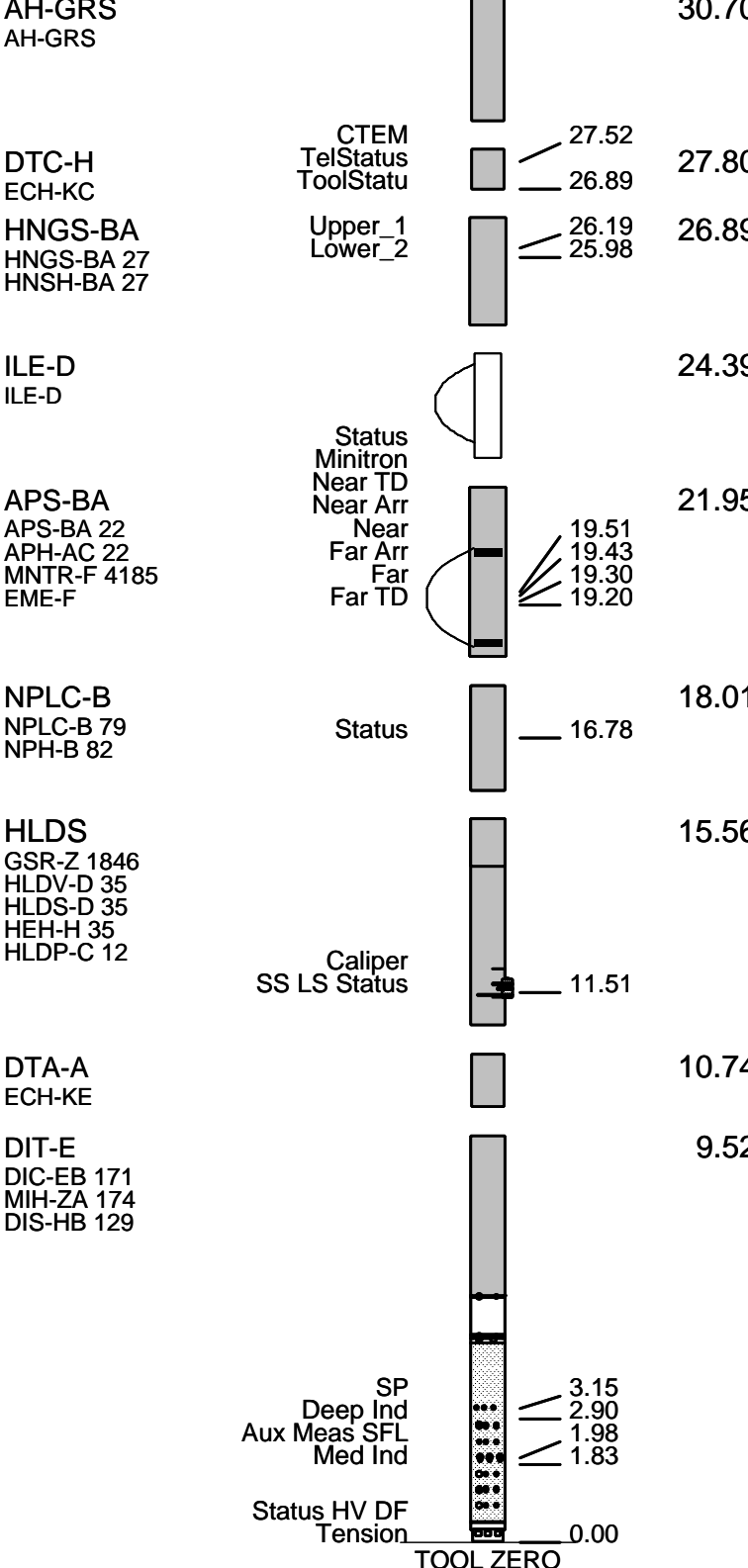
EQUIPMENT DESCRIPTION

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

RUN 2

DOWNHOLE EQUIPMENT

LEH-QT		34.33
LEH-QT		
AH-GRC		33.44
AH-GRC		



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

Output DLIS Files

DEFAULT	DITE .006	FN:8 PRODUCER	25-Jan-2001 07:48	809.2 M	375.7 M
TCOMBO	DITE .006	FN:9 PRODUCER	25-Jan-2001 07:48	809.2 M	375.7 M

OP System Version: 9C1-303
MCM

MAIN UP LOG

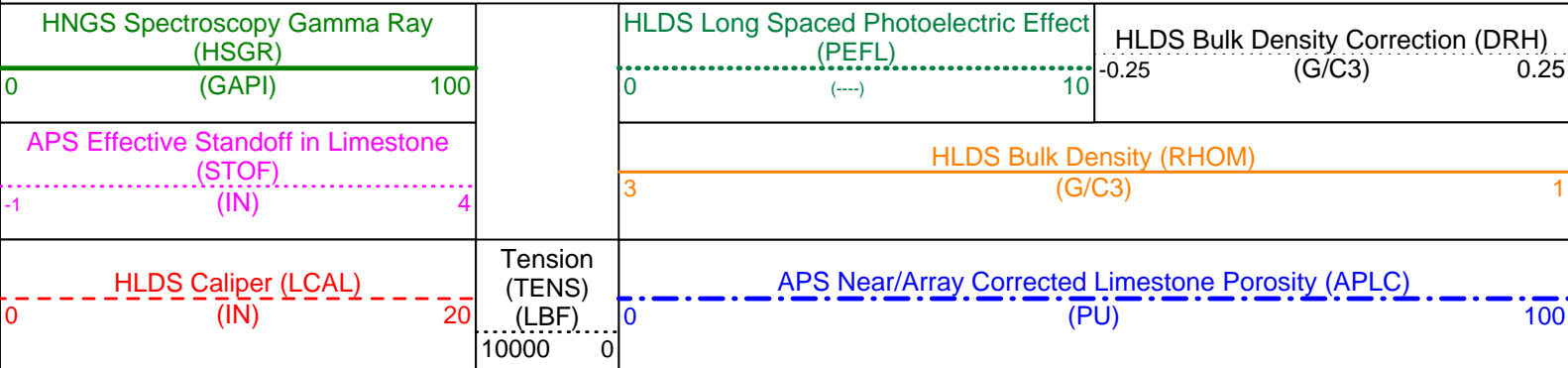
DIT-E	OP91-kp2	DTA-A	OP91-kp2
HLDS	OP91-kp2	NPLC-B	OP91-kp2
APS-BA	OP91-kp2	HNGS-BA	OP91-kp2
DTC-H	OP91-kp2		

Changed Parameter Summary

DLIS Name	New Value	Previous Value	Depth & Time
GCSE	BS	LCAL	495.3 09:02:01

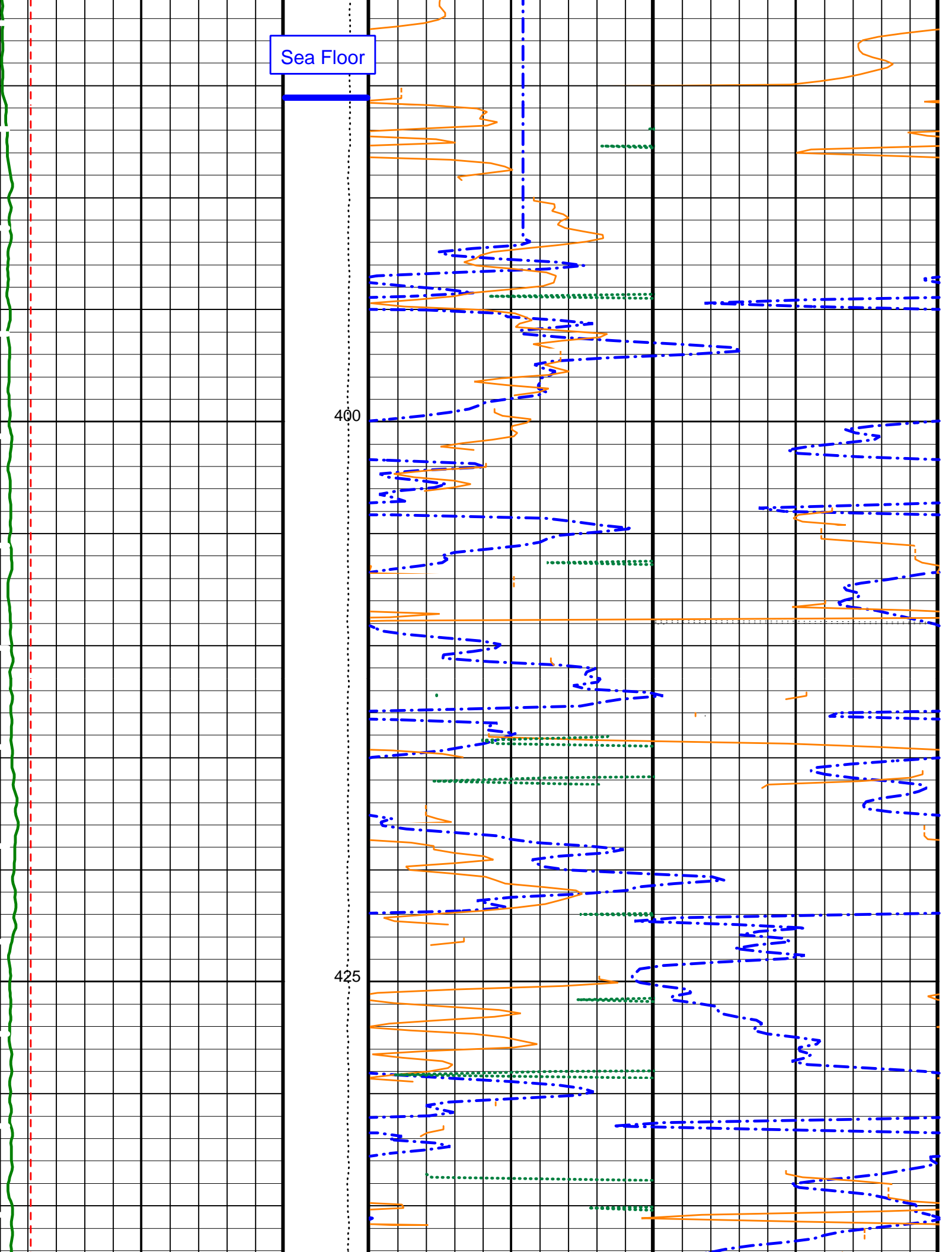
PIP SUMMARY

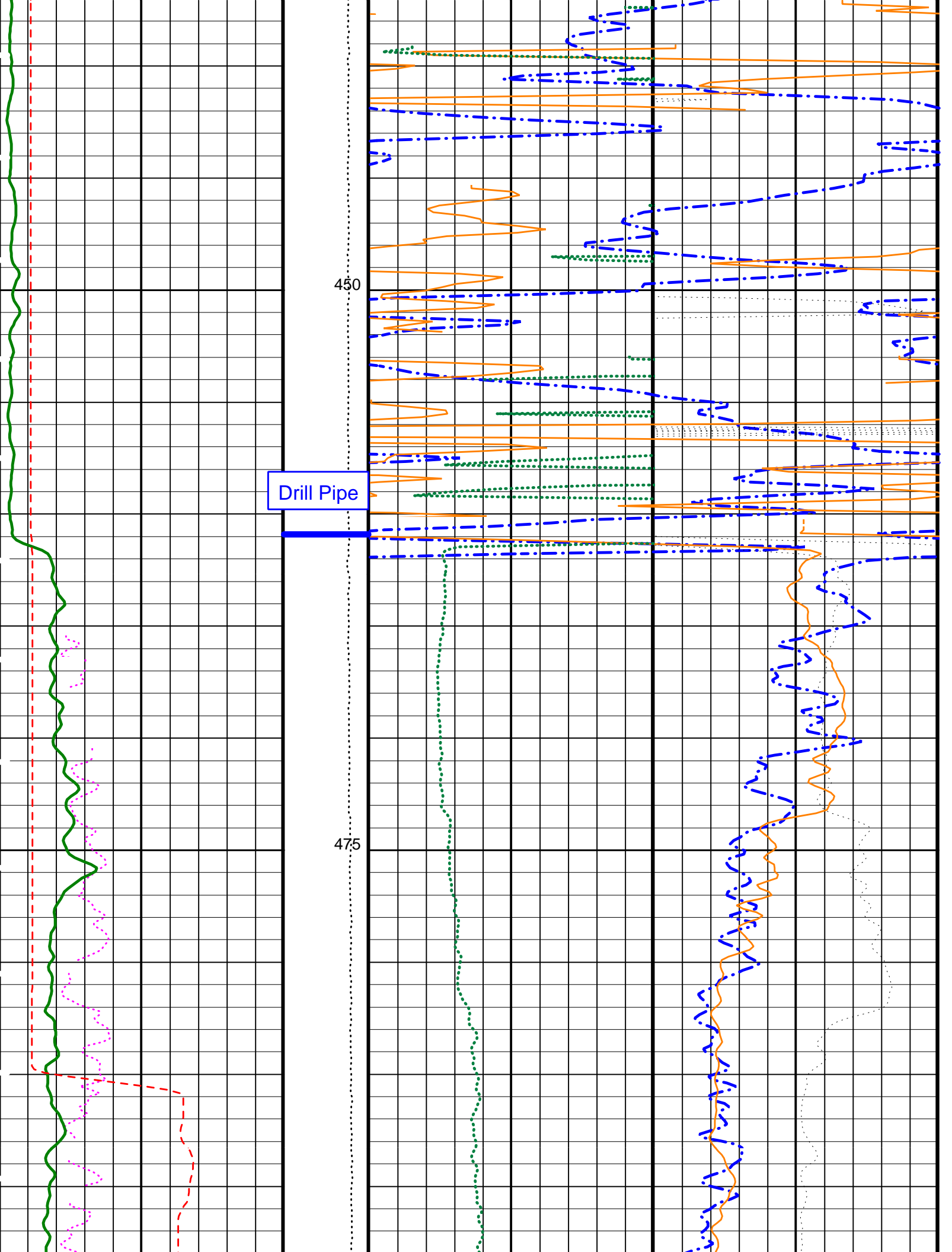
▶ Time Mark Every 60 S



Last Reading

Sea Floor

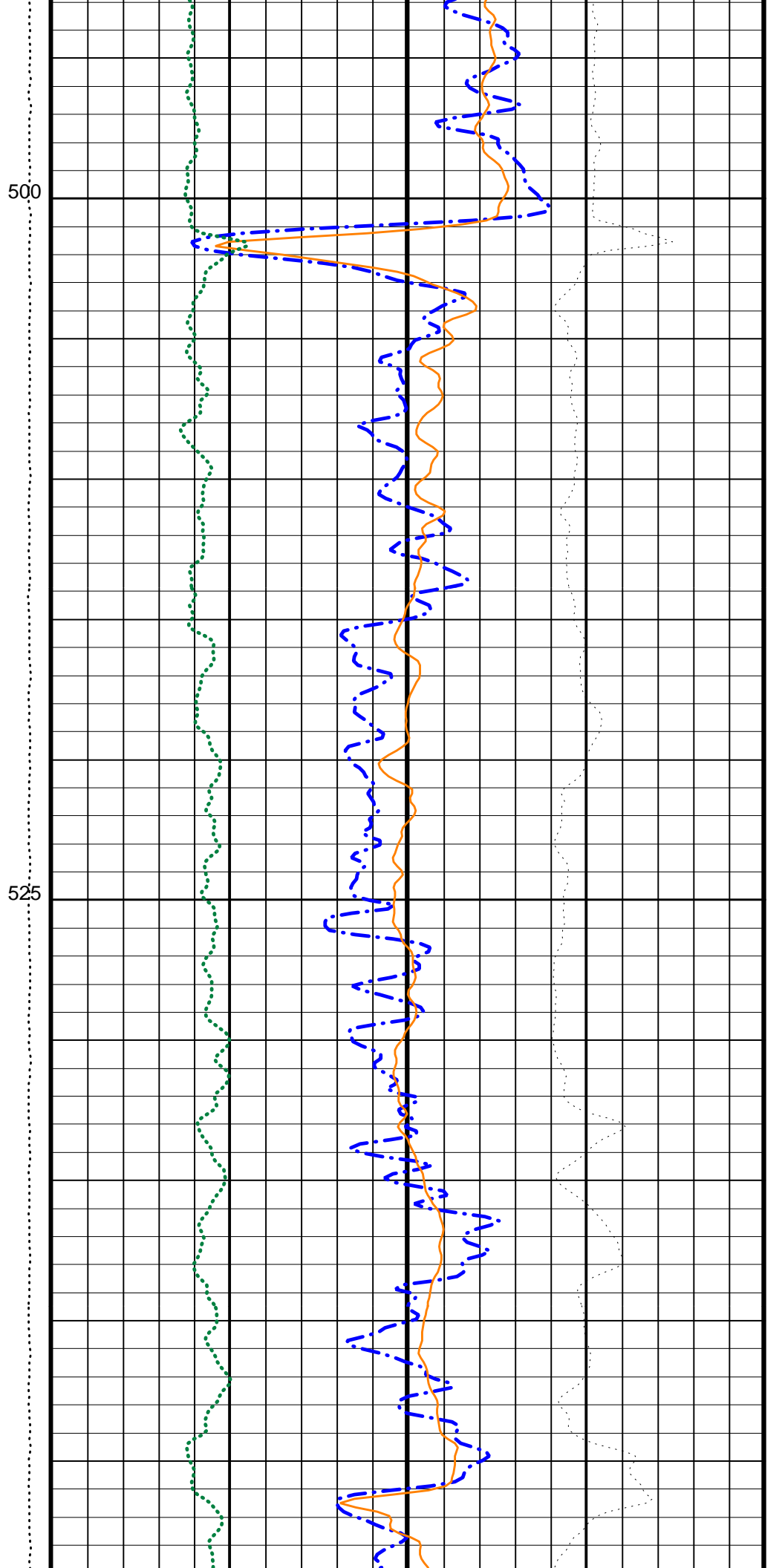
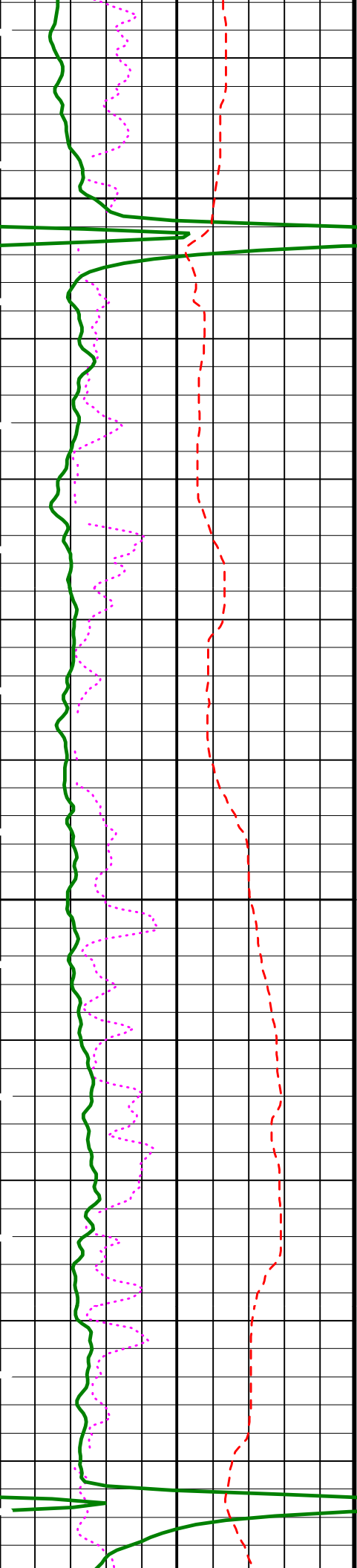


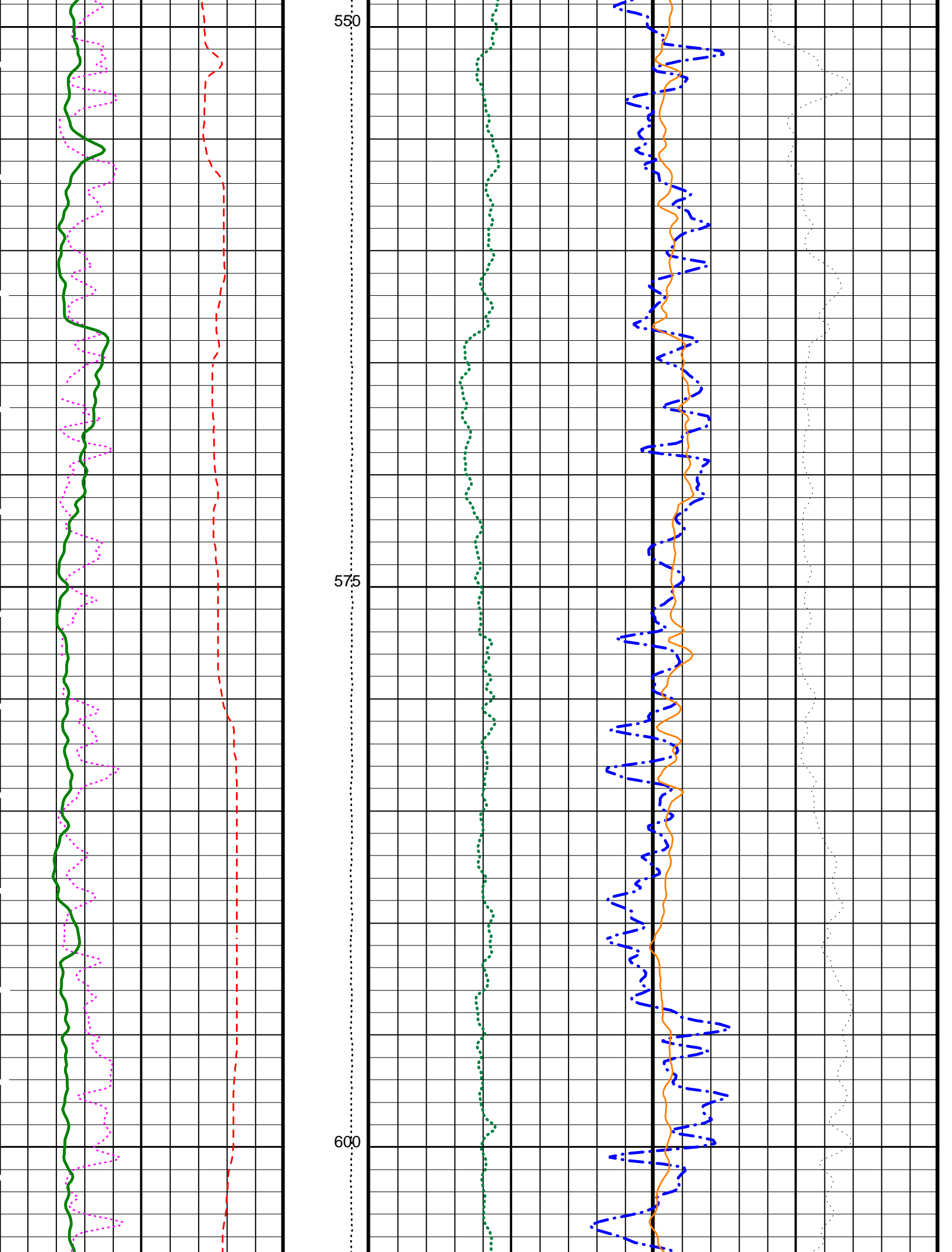


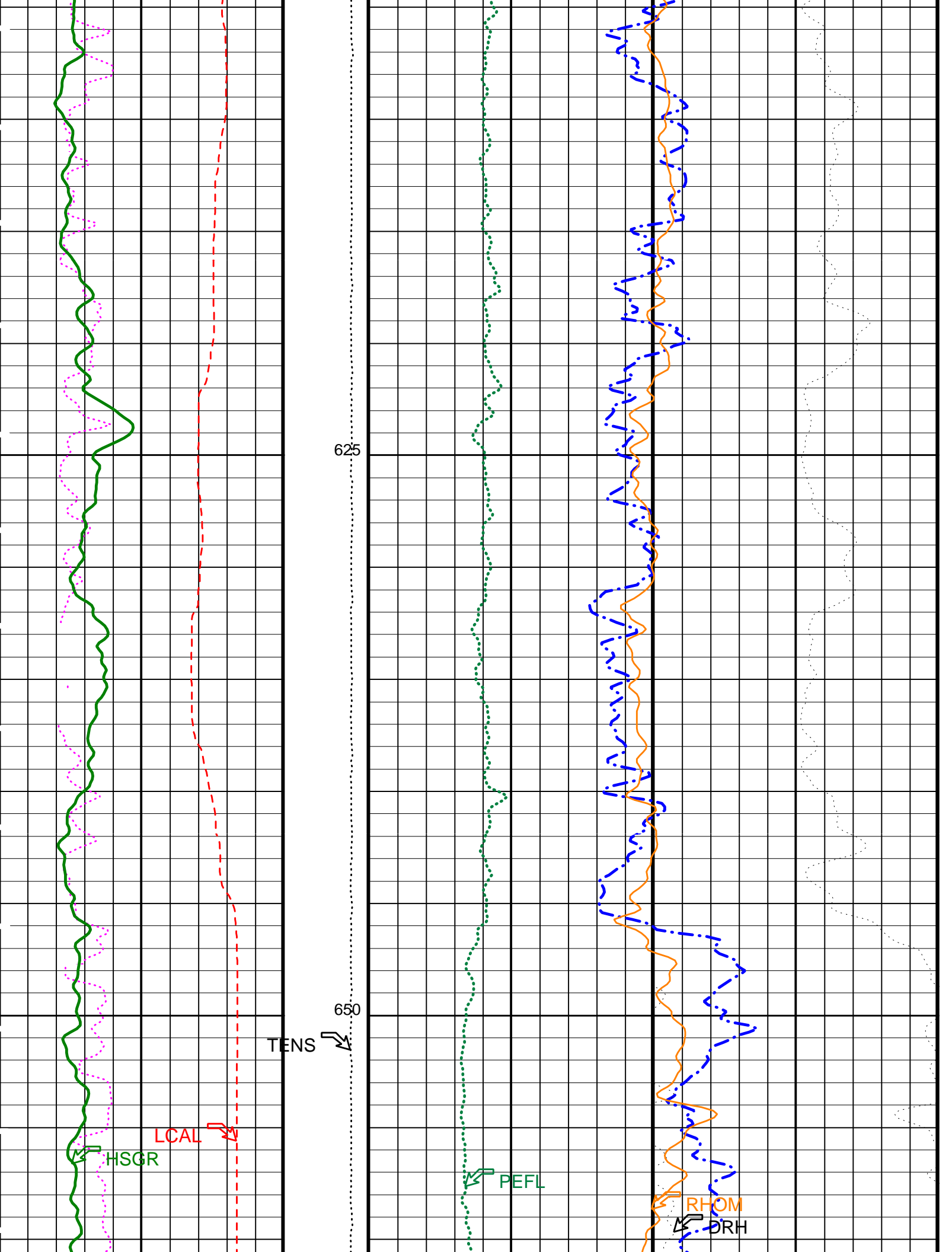
Drill Pipe

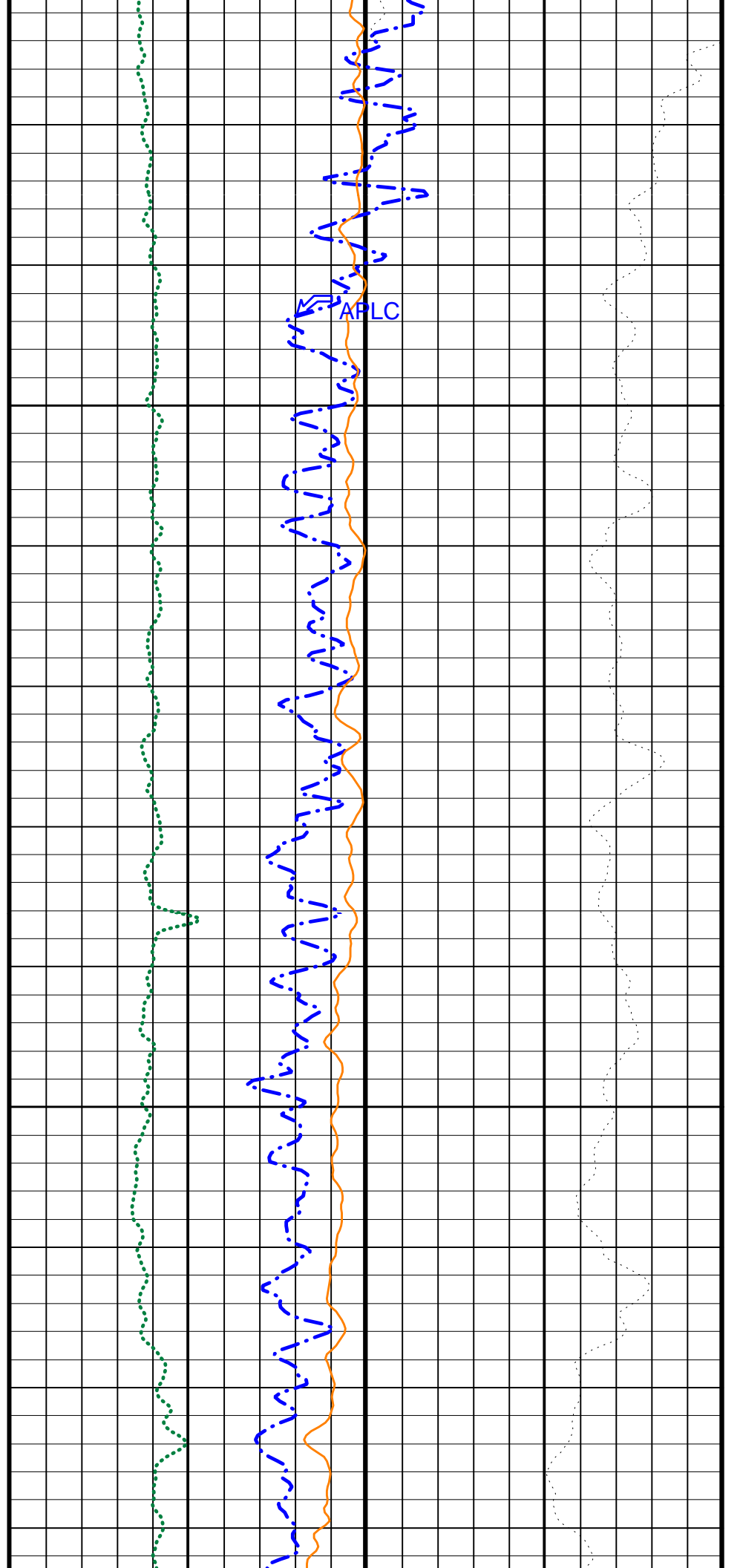
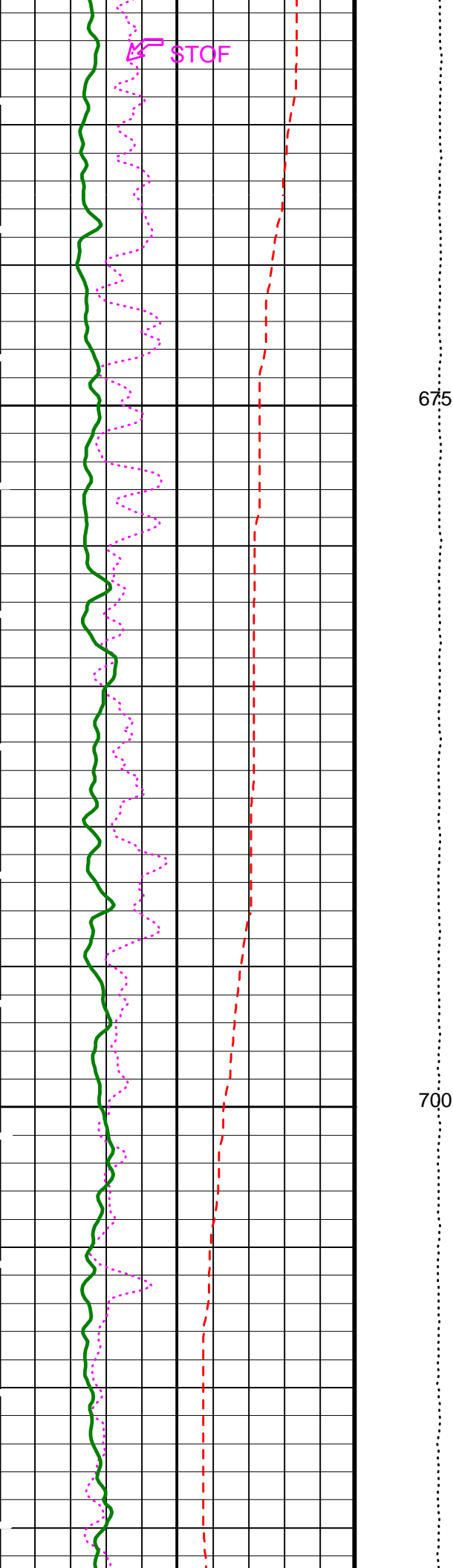
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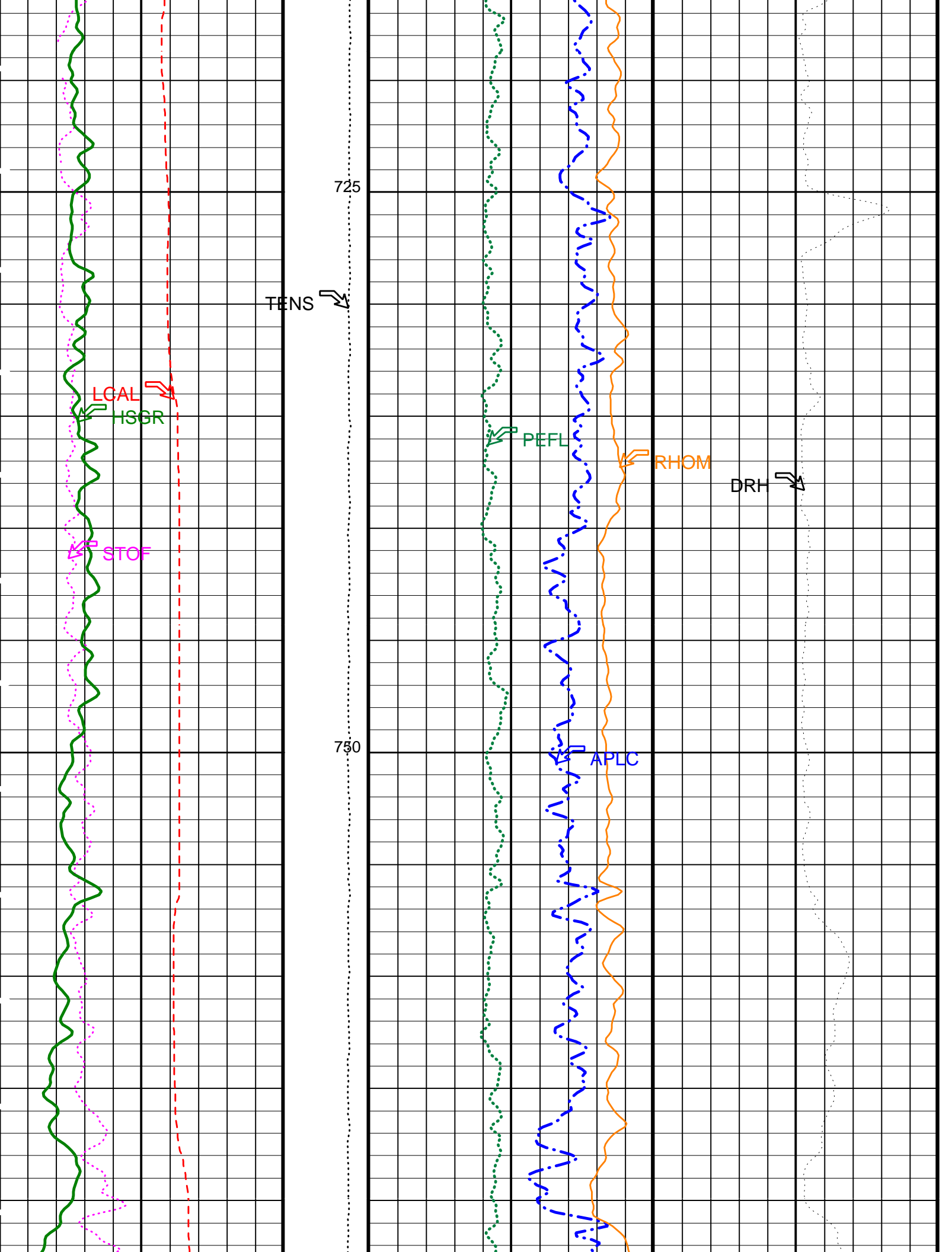
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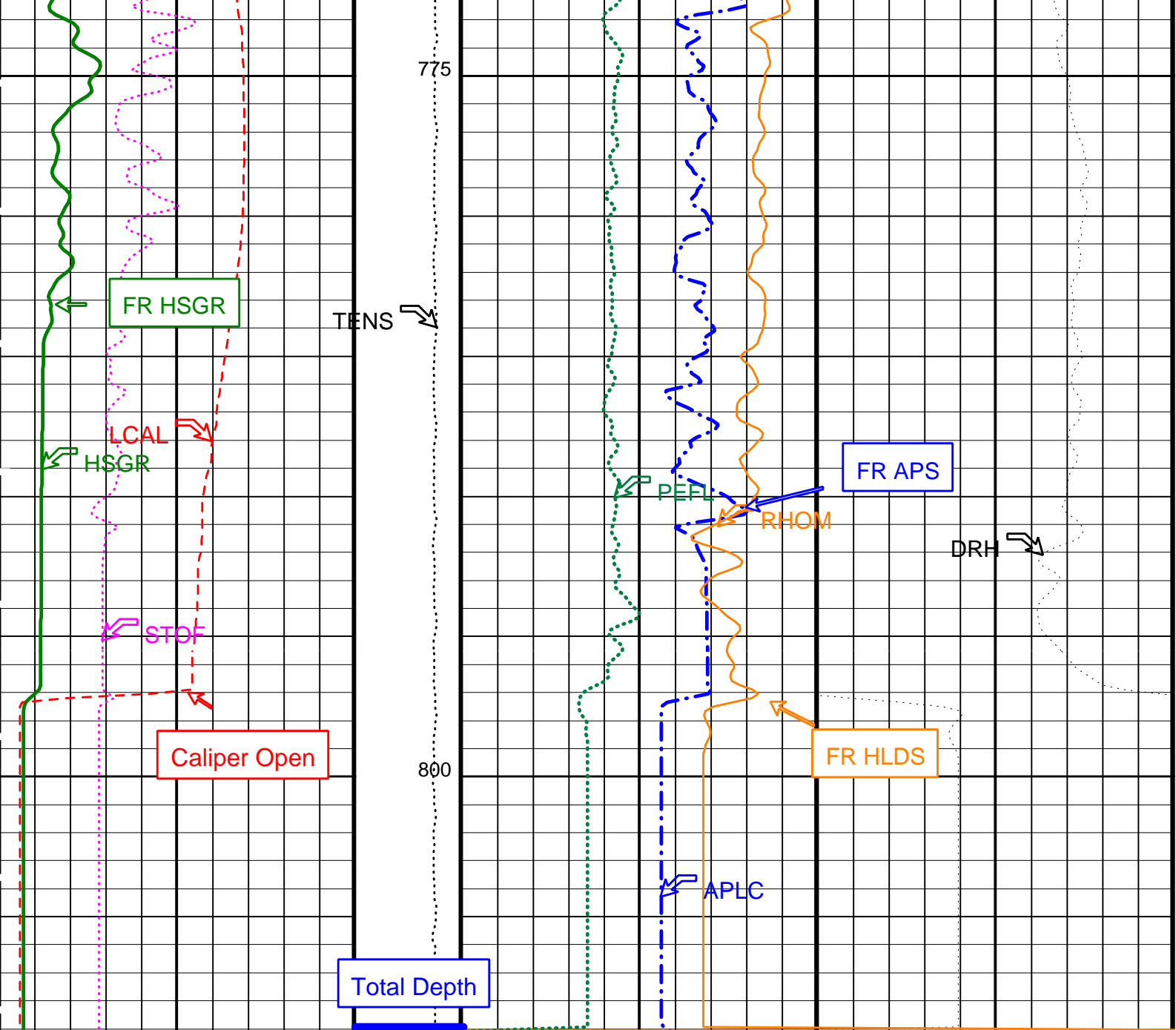












HLDS Caliper (LCAL) (IN)	0 20	Tension (TENS) (LBF)	10000 0	APS Near/Array Corrected Limestone Porosity (APLC) (PU)	0 100
APS Effective Standoff in Limestone (STOF) (IN)	-1 4			HLDS Bulk Density (RHOM) (G/C3)	3 1
HNGS Spectroscopy Gamma Ray (HSGR) (GAPI)	0 100			HLDS Long Spaced Photoelectric Effect (PEFL) (---)	0 10
				HLDS Bulk Density Correction (DRH) (G/C3)	-0.25 0.25

PIP SUMMARY

Time Mark Every 60 S

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	
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	1.12469e-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	
SGRC	HNGS Standard Gamma-Ray Correction Flag	YES	
SHT	Surface Hole Temperature	20	DEGC
TD	Total Depth	-50000	M
TPOS	Tool Position	ECCE	
VBA1	HNGS Detector 1 Variable Barite Factor Running Average	0	
VBA2	HNGS Detector 2 Variable Barite Factor Running Average	0	

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 .006	FN:8	PRODUCER	25-Jan-2001 07:48
TCOMBO	DITE .006	FN:9	PRODUCER	25-Jan-2001 07:48

COMPANY: Lamont Doherty

WELL: ODP Leg 194, Site 1194B

FIELD: Marion Plateau

Country: Australia

Ocean: Pacific Ocean

BOTTOM LOG INTERVAL	807 m
SCHLUMBERGER DEPTH	809 m
DEPTH DRILLER	812.17 m
KELLY BUSHING	11.3 m
DRILL FLOOR	11 m
GROUND LEVEL	-384.8 m



APS/Density Porosity