

COMPANY: Lamont Doherty

WELL: ODP Leg 193, Site 1189C (PCM-3A)

FIELD: Manus Basin, Roman Ruins

COUNTRY: Offshore STATE: Bismarck Sea

Schlumberger Phasor Induction
Natural Gamma Ray

COUNTY: Offshore
Field: Manus Basin, Roman Ruins
Location:
Well: ODP Leg 193, Site 1189C (PCM-3A)
Company: Lamont Doherty

LOCATION		Elev.:	K.B.	11.3 m
Permanent Datum:	MSL		G.L.	-1700 m
Log Measured From:	Drill Floor	Elev.: 0 m	D.F.	11 m
Drilling Measured From:	Drill Floor	11.0 m above Perm. Datum		
API Serial No.	LATITUDE: 03° 43.2415' S	LONGITUDE: 151° 40.5240' E	RIG:	JOIDES Resolution

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			
PH			
Source Of Sample			
RM @ Measured Temperature	@		
RMF @ Measured Temperature	@		
RMC @ Measured Temperature	@		
Source RMF			
RM @ MRT	@	@	
RMF @ MRT			
Maximum Recorded Temperatures			
Circulation Stopped			
Time			
Logger On Bottom			
Time			
Unit Number			
Location			
Recorded By			
Witnessed By			

Logging Date	29-DEC-2000	Run
Run Number	1	
Depth Driller	1866 m	
Schlumberger Depth	1766 m	
Bottom Log Interval	1766 m	
Top Log Interval	1700 m	
Casing Driller Size @ Depth	0.000 in @ 1710 m	
Casing Schlumberger	1708 m	
Bit Size	7.250 in	
Type Fluid In Hole	Seawater	
Density	1.1 g/cm3	
Fluid Loss		
PH		
Source Of Sample	Seawater	
RM @ Measured Temperature	0.180 ohm.m @ 30 degC	
RMF @ Measured Temperature	0.235 ohm.m @	
RMC @ Measured Temperature	@	
Source RMF	RMC	
RM @ MRT	0.151 @ 40	@
RMF @ MRT		@
Maximum Recorded Temperatures	40 degC	
Circulation Stopped	29-DEC-2000	
Time	1:00	
Logger On Bottom	29-DEC-2000	
Time	10:00	
Unit Number	99	
Location	Houston ODP	
Recorded By	Kerry M. Swain	
Witnessed By	Gerardo Iturrino, Anne Bartelzko	

Logging Date	29-DEC-2000	Run
Run Number	1	
Depth Driller	1866 m	
Schlumberger Depth	1766 m	
Bottom Log Interval	1766 m	
Top Log Interval	1700 m	
Casing Driller Size @ Depth	0.000 in @ 1710 m	
Casing Schlumberger	1708 m	
Bit Size	7.250 in	
Type Fluid In Hole	Seawater	
Density	1.1 g/cm3	
Fluid Loss		
PH		
Source Of Sample	Seawater	
RM @ Measured Temperature	0.180 ohm.m @ 30 degC	
RMF @ Measured Temperature	0.235 ohm.m @	
RMC @ Measured Temperature	@	
Source RMF	RMC	
RM @ MRT	0.151 @ 40	@
RMF @ MRT		@
Maximum Recorded Temperatures	40 degC	
Circulation Stopped	29-DEC-2000	
Time	1:00	
Logger On Bottom	29-DEC-2000	
Time	10:00	
Unit Number	99	
Location	Houston ODP	
Recorded By	Kerry M. Swain	
Witnessed By	Gerardo Iturrino, Anne Bartelzko	

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OTHER SERVICES1
 OS1: FMS
 OS2:
 OS3: HLDS
 OS4:
 OS5:

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

REMARKS: RUN NUMBER 1

REMARKS: RUN NUMBER 2

Log presented in meters below rig floor. Sea floor at 1700 mbrf.
 Wireline heave compensator used on all descents.
 Sea water used as mud in hole.
 Log TD at 1766 mbrf.
 Maximum temperature recorded from DITE ITEM.
 Toolstring-DITE/DTA/HLDS/NPLC/HNGS/LEHQ
 Original log files are log60.dlis and log62.dlis, they are replaced with play83.dlis and play 84.dlis. Reprocessing was done for the HNGS to compensate for the correct mud density of 1.1 g/cc.
 SP affected by rig electrical devices and poor grounding.
 No after calibrations were performed to speed rigging down.
 SFL curve spikes on Induction log due to tool problem.

 Calibrations located on HLDS print.

RUN 1

SERVICE ORDER #:
 PROGRAM VERSION: 9C1-303
 FLUID LEVEL: 0 m

RUN 2

SERVICE ORDER #:
 PROGRAM VERSION:
 FLUID LEVEL:

LOGGED INTERVAL	START	STOP

LOGGED INTERVAL	START	STOP

EQUIPMENT DESCRIPTION

RUN 1


SURFACE EQUIPMENT

GSR-U 135
 WITM (DTS)-A


RUN 2

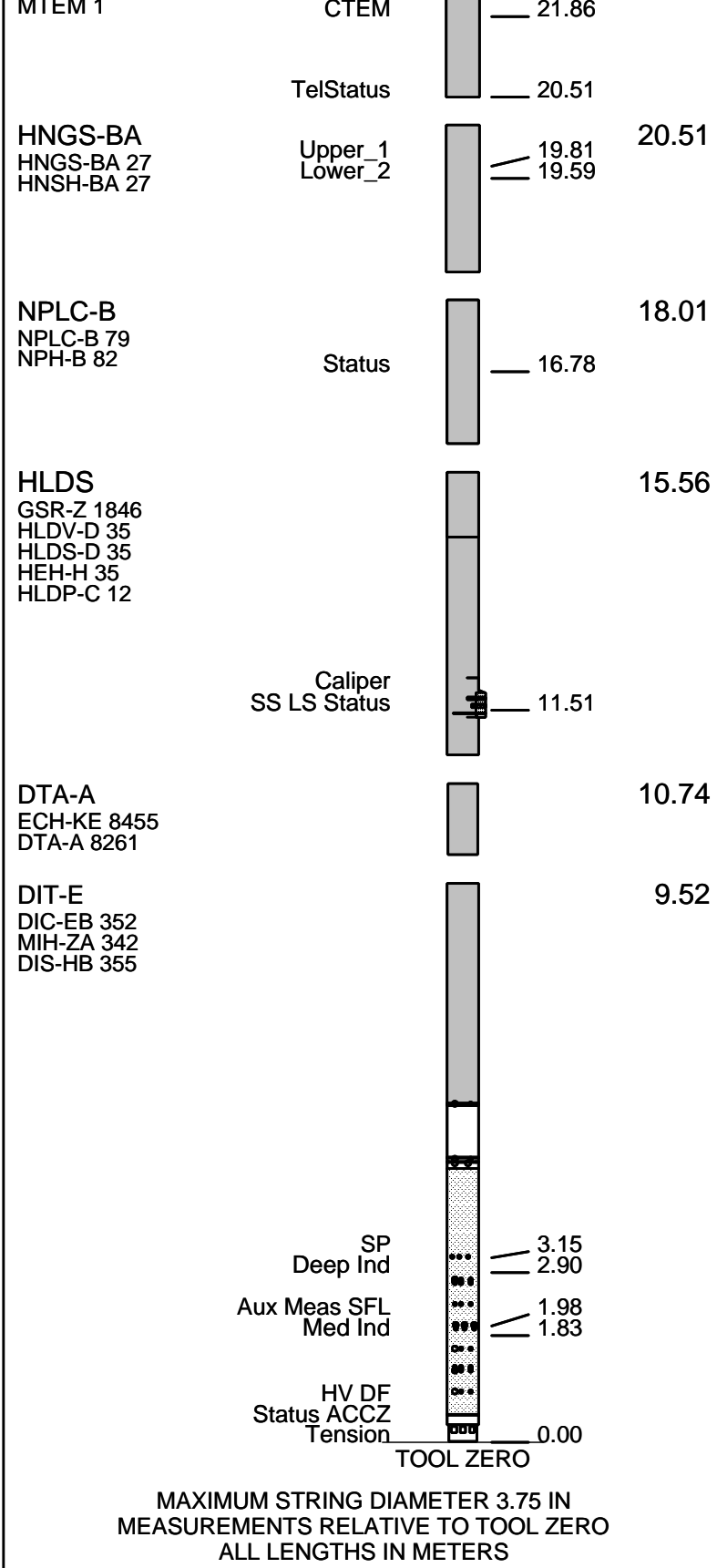
DOWNHOLE EQUIPMENT

LEH-MT 24.72
 LEH-MT 1

Mud Tempe  23.76

HTGC-B 23.76
 UDFH-KL 1062
 STGC0-A 8038
 STGC1-BH 8038

Gamma Ray  22.73



Input DLIS Files

DEFAULT	DITE .060	FN:5 PRODUCER	29-Dec-2000 09:56	1767.1 M	1697.7 M
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Output DLIS Files

DEFAULT	DITE .083	FN:26 PRODUCER	31-Dec-2000 19:45	1767.1 M	1697.7 M
LAMONT	DITE .083	FN:27 PRODUCER	31-Dec-2000 19:45	1767.1 M	1697.7 M

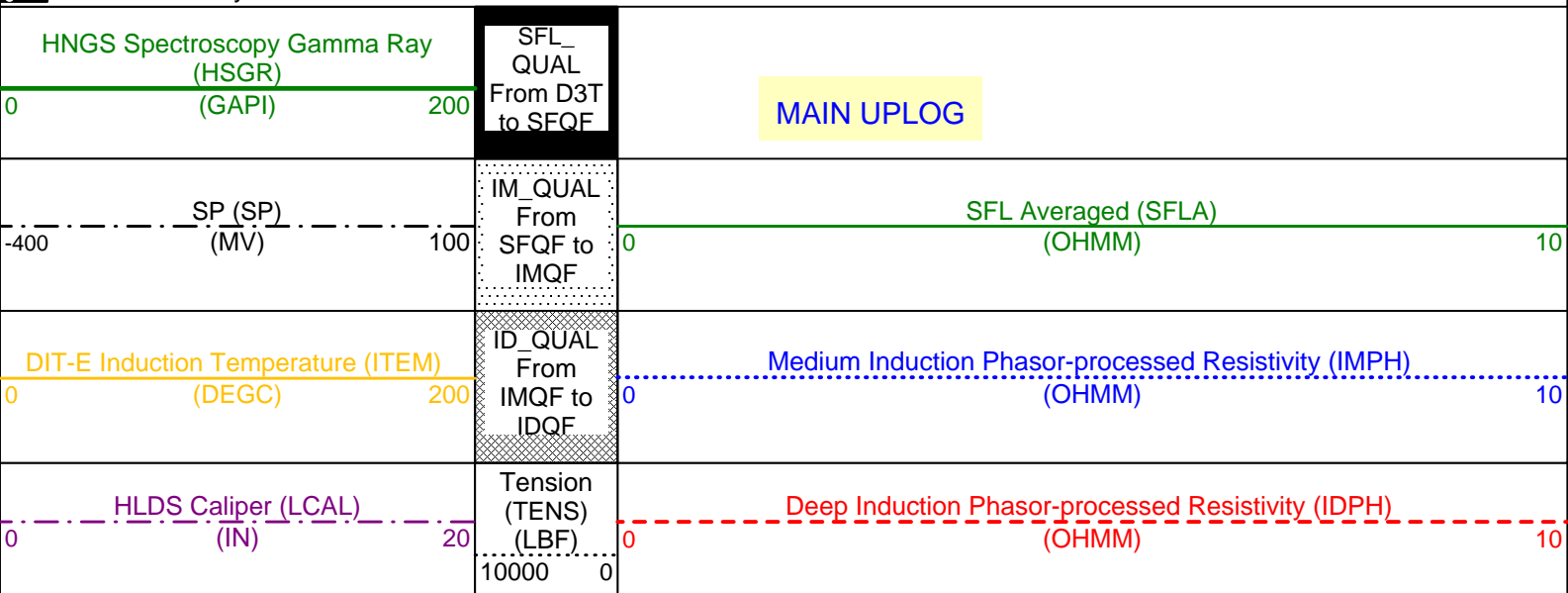
OP System Version: 9C1-303

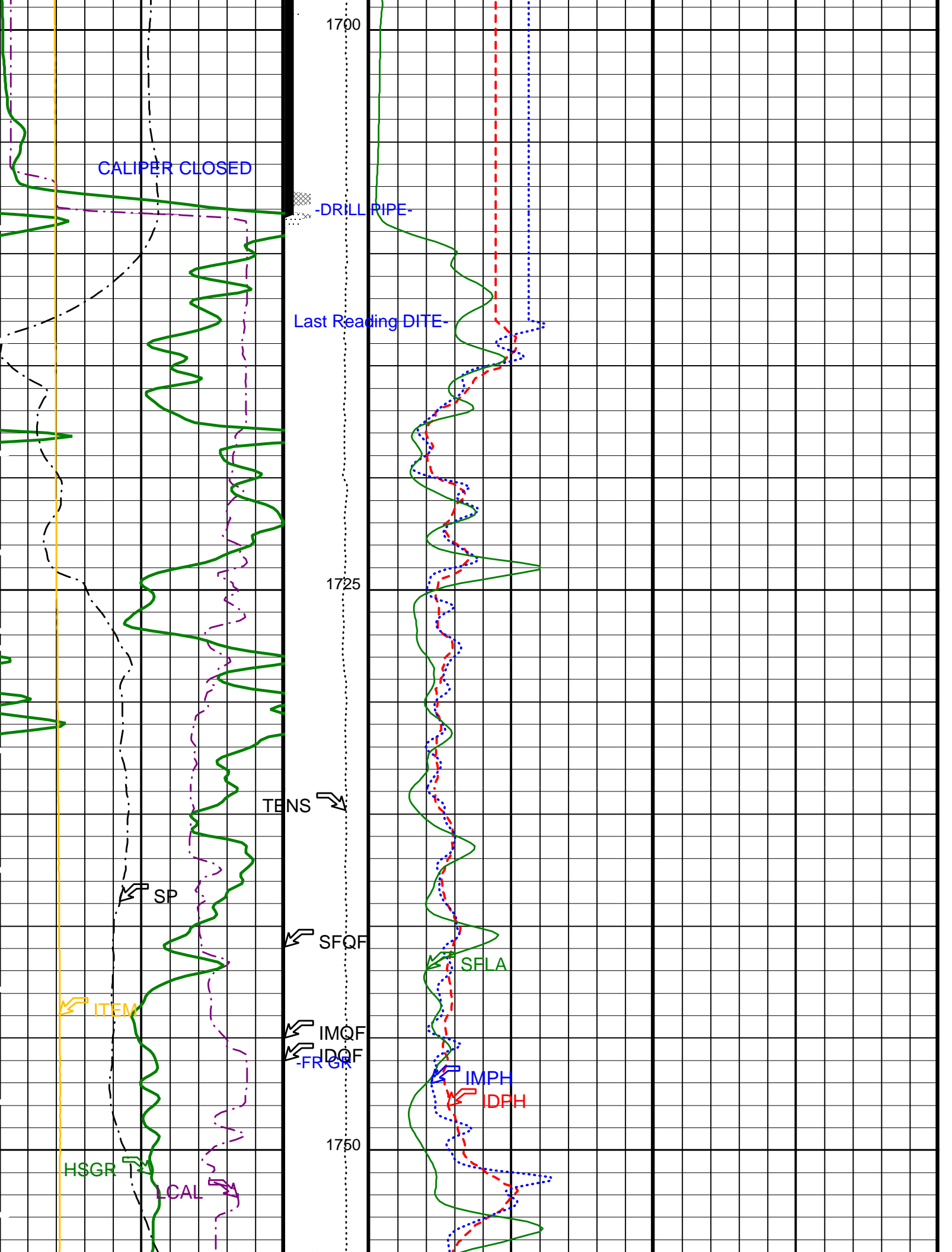
MCM

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

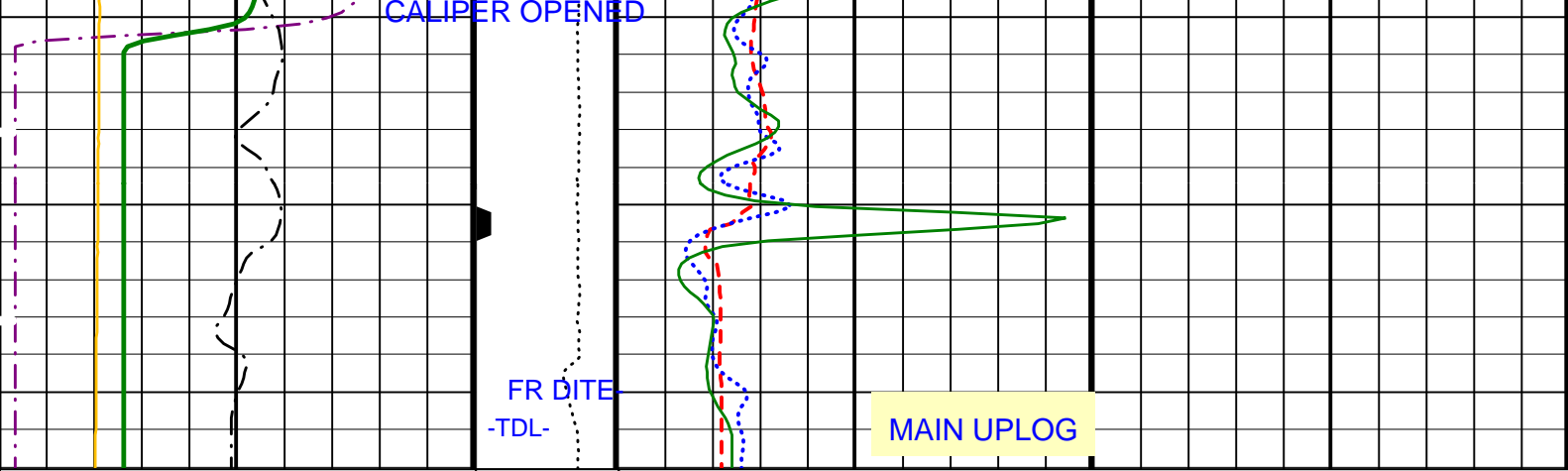
PIP SUMMARY

Time Mark Every 60 S





CALIPER OPENED



HLDS Caliper (LCAL) (IN)	Tension (TENS) (LBF)	Deep Induction Phasor-processed Resistivity (IDPH) (OHMM)
0 20	10000 0	0 10
DIT-E Induction Temperature (ITEM) (DEGC)	ID_QUAL From IMQF to IDQF	Medium Induction Phasor-processed Resistivity (IMPH) (OHMM)
0 200		0 10
SP (SP) (MV)	IM_QUAL From SFQF to IMQF	SFL Averaged (SFLA) (OHMM)
-400 100		0 10
HNGS Spectroscopy Gamma Ray (HSGR) (GAPI)	SFL_QUAL From D3T to SEQF	
0 200		

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value
	HLDS SS Tri-Ported Memory State	Enable
	HLDS Spec Message Rate	1
	HLDS LS Digital Integrator State	Normal
	HLDS Diag Message Rate	20
	HLDS SS NCB Mode	Density
	HLDS SS Digital Integrator State	Normal
	HLDS LS Tri-Ported Memory State	Enable
	HLDS Data Control	AcquiredData
	HLDS LS NCB Mode	Density
ALTDPCCHAN	Name of alternate depth channel	SpeedCorrectedDepth
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)	212 DEGF
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	-50000.00 PPM
CLCL	HLDS LS Control Loop Controller Mode	AUTO_DEFAULT
CLCS	HLDS SS Control Loop Controller Mode	AUTO_DEFAULT
CLLS	HLDS Mode Loop Long Spacing	AUTO
CLSS	HLDS Mode Loop Short Spacing	AUTO
CONTYP	Conveyance Type	Wireline
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	7.69015 %
D1TC	HNGS Detector 1 Calibration Temperature	83.0462 DEGF

D1TL	HNGS Detector 1 Calibration Thorium Peak Location	209.757	
D2PR	HNGS Detector 2 Calibration Thorium Peak Resolution	7.03497	%
D2TC	HNGS Detector 2 Calibration Temperature	81.4405	DEGF
D2TL	HNGS Detector 2 Calibration Thorium Peak Location	209.443	
DBCC	HNGS Barite Constant Correction Flag	NONE	
DEPREM1	Depth Remark 1		
DEPREM2	Depth Remark 2		
DEPREM3	Depth Remark 3		
DEPREM4	Depth Remark 4		
DEPREM5	Depth Remark 5		
DEPREM6	Depth Remark 6		
DFD	Drilling Fluid Density	9.17	LB/G
DGF2	Deep 20 kHz Gain Factor	1.0235	
DHC	Density Hole Correction	BS	
DO	Depth Offset for Logical Unit 1	0.0	M
DPH2	Deep 20 kHz Phase Shift	-0.230754	DEG
DPPM	Density Porosity Processing Mode	HIRS	
DRE2	Deep Real 20 kHz Sonde Error Correction	18.3624	MM/M
DSR2	Deep Sigma Reference (20 kHz)	1843	MM/M
DXE2	Deep Quad 20 kHz Sonde Error Correction	-42.2018	MM/M
FD	Fluid Density	1	G/C3
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	0.01	DF/F
GRSE	Generalized Mud Resistivity Selection	CHART_GEN_9	
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	-0.00186663	
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	6.08978e-028	
IDWCD	IDW Calibration Date (dd-MMM-yyyy)	dd-MMM-yyyy	
IDWCSN	IDW Calibrator Serial Number	-999	
IDWLCN	IDW Calibration Cable Type	7-46P	
IDWSN	IDW Serial Number	-999	
IDWTYP	IDW Type	IDW-B	
IDWWC1	IDW Wheel Correction 1	1	
IDWWC2	IDW Wheel Correction 2	1	
IFRS	DIT-E Induction Frequency Selector	20	
IPHA	DIT-E Phasor Processing Mode	ALL	
IPRO	DIT-E Induction Processing Selector	PHASOR	
ITEN	DIT-E Temperature Enable	ENABLE	
LATC	HLDS Activation Correction	ON	
LCSN	Logging Cable Serial Number	-999	
LLDL	HLDS LS Low Level Discriminator DAC	14000	
LLDS	HLDS SS Low Level Discriminator DAC	14000	
LLML	HLDS LS Low Level Discriminator Mode	AUTO	
LLMS	HLDS SS Low Level Discriminator Mode	AUTO	
LOGSEQ	Log Sequence	First_Log_In_Well	
MARQ_START	HNGS Marquardt Start-up Mode	INTERNAL	
MATR	Rock Matrix for Neutron Porosity Corrections	LIMESTONE	
MDEN	Matrix Density	2.71	G/C3
MGF2	Medium 20 kHz Gain Factor	1.02156	
MPH2	Medium 20 kHz Phase Shift	-1.08578	DEG
MRE2	Medium Real 20 kHz Sonde Error Correction	8.9436	MM/M
MSR2	Medium Sigma Reference (20 kHz)	3250	MM/M
MST	Mud Sample Temperature	30.00	DEGF
MXE2	Medium Quad 20 kHz Sonde Error Correction	-46.3369	MM/M
NOTS	NPLC Old Temperature Sensor	NO	
NRBM	NPLC Reduced Telemetry Bandwidth Mode	OFF	
PBVSADP	Use alternate depth channel for playback	NO	
PHVL	HLDS Long Spacing High Voltage Setting	1000	V
PHVS	HLDS Short Spacing High Voltage Setting	1000	V
PP	Playback Processing	RECOMPUTE	
PSDL	HLDS LS Pulse Shape Compensation DAC	16000	
PSDS	HLDS SS Pulse Shape Compensation DAC	16000	
PSML	HLDS LS Pulse Shape Compensation Mode	AUTO	
PSMS	HLDS SS Pulse Shape Compensation Mode	AUTO	
RDF1_START	HNGS Detector 1 RDF Constant	0	
RDF2_START	HNGS Detector 2 RDF Constant	0	
RIGTYP	Rig Type	Offshore_Floater_with_WMC	
RLDT	Reference Log Date (dd-MMM-yyyy)	dd-MMM-yyyy	
RLNM	Reference Log Name		
RLRN	Reference Log Run Number		
RMFS	Resistivity of Mud Filtrate Sample	-50000.0000	OHMM
RULB	Rig Up Length at Bottom	0	FT
RULS	Rig Up Length at Surface	0	FT
RW	Resistivity of Connate Water	1.0000	OHMM

RW	Resistivity of Connate Water	1.0000	OHMM
S1BI	HNGS Detector 1 Calibration Bismuth Count Rate	1.3	CPS
S1NA	HNGS Detector 1 Calibration Sodium Count Rate	24.2212	CPS
S1NG	HNGS Detector 1 Calibration End-On / Side-On Gain Ratio	0.984113	
S2BI	HNGS Detector 2 Calibration Bismuth Count Rate	1.3	CPS
S2NA	HNGS Detector 2 Calibration Sodium Count Rate	24.6034	CPS
S2NG	HNGS Detector 2 Calibration End-On / Side-On Gain Ratio	0.982439	
SABK	HNGS Statistical Uncertainty in Borehole Potassium Running Average	0.000270422	
SBR	Shoulder Bed Resistivity Factor	1	OHMM
SCORR	Stretch Correction	-50000	FT
SFCR	SFL Channel Ratio	1000	
SFLE	SFL Enable	ENABLE	
SGRC	HNGS Standard Gamma-Ray Correction Flag	YES	
SHT	Surface Hole Temperature	68.0001	DEGF
SPAЕ	DIT-E SPARC Processing Enable	ENABLE	
SPNV	SP Next Value	0	MV
STDLC	Subsequent Trip Down Log Correction	-50000	FT
TD	Total Depth	32768	FT
TDD	Total Depth - Driller	-50000.00	FT
TDL	Total Depth - Logger	-50000.00	FT
TNDCD	Tension Device Calibration Date (dd-MMM-yyyy)	dd-MMM-yyyy	
TNDCSN	Tension Device Calibrator Serial Number	-999	
TNDGN	Tension Device GAIN	1	
TNDOFF	Tension Device Offset	0	
TNDSN	Tension Device Serial Number	-999	
TNDTYP	Tension Device	CMTD-B/A	
TPOS	Tool Position	ECCE	
TWS	Temperature of Connate Water Sample	100.00	DEGF
VBA1	HNGS Detector 1 Variable Barite Factor Running Average	1.2162	
VBA2	HNGS Detector 2 Variable Barite Factor Running Average	0.985236	
ZRCS	Tool Zero Reference Check at Surface	-50000	FT

Format: DITE_LinPhasor Vertical Scale: 1:200 Graphics File Created: 31-Dec-2000 19:45

OP System Version: 9C1-303
MCM

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

Input DLIS Files

DEFAULT	DITE .060	FN:5 PRODUCER	29-Dec-2000 09:56	1767.1 M	1697.7 M
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Output DLIS Files

DEFAULT	DITE .083	FN:26 PRODUCER	31-Dec-2000 19:45		
LAMONT	DITE .083	FN:27 PRODUCER	31-Dec-2000 19:45		

Input DLIS Files

DEFAULT	DITE .062	FN:9 PRODUCER	29-Dec-2000 10:17	1767.1 M	1696.1 M
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Output DLIS Files

DEFAULT	DITE .084	FN:28 PRODUCER	31-Dec-2000 19:50	1767.1 M	1696.1 M
LAMONT	DITE .084	FN:29 PRODUCER	31-Dec-2000 19:50	1767.1 M	1696.1 M

OP System Version: 9C1-303
MCM

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

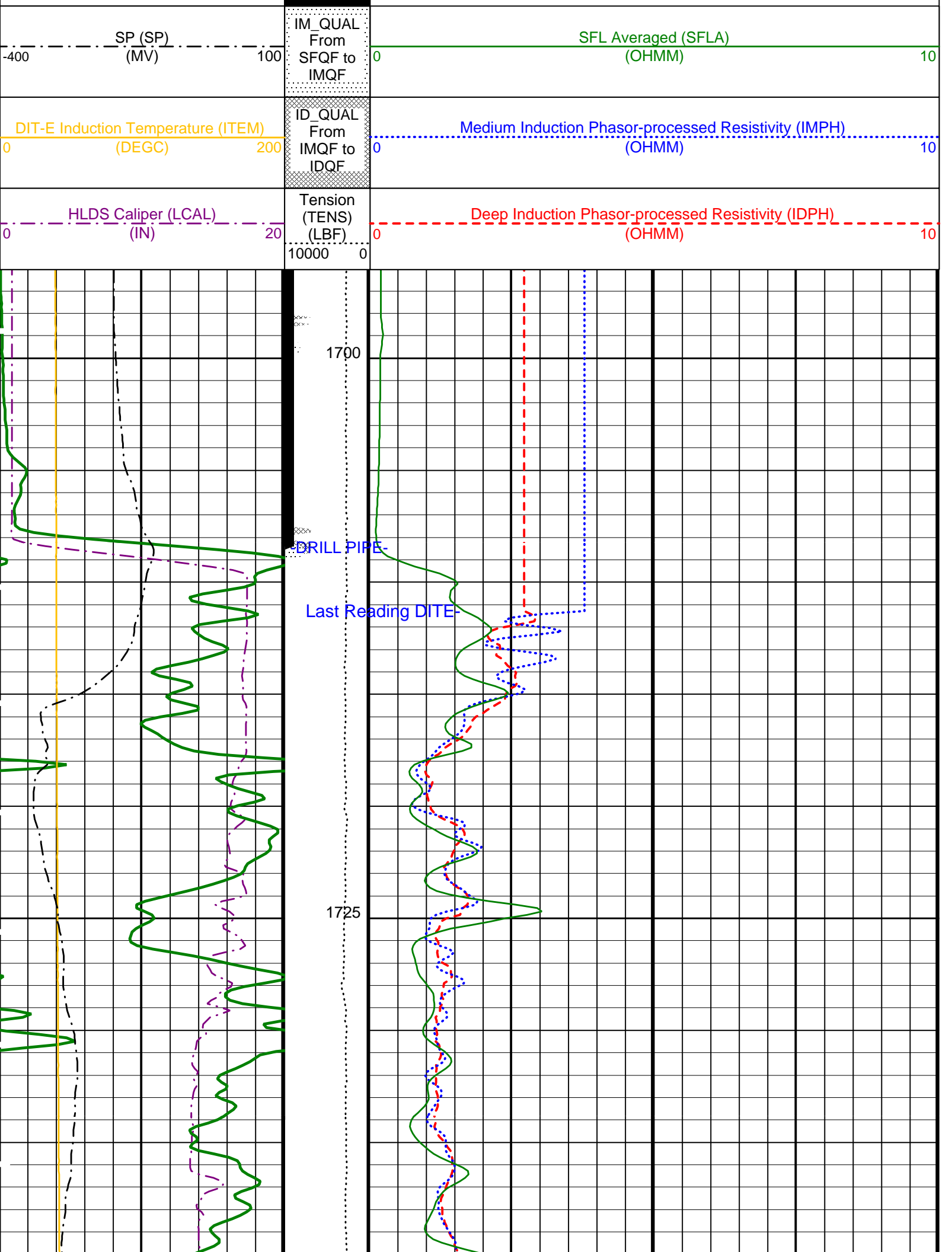
PIP SUMMARY

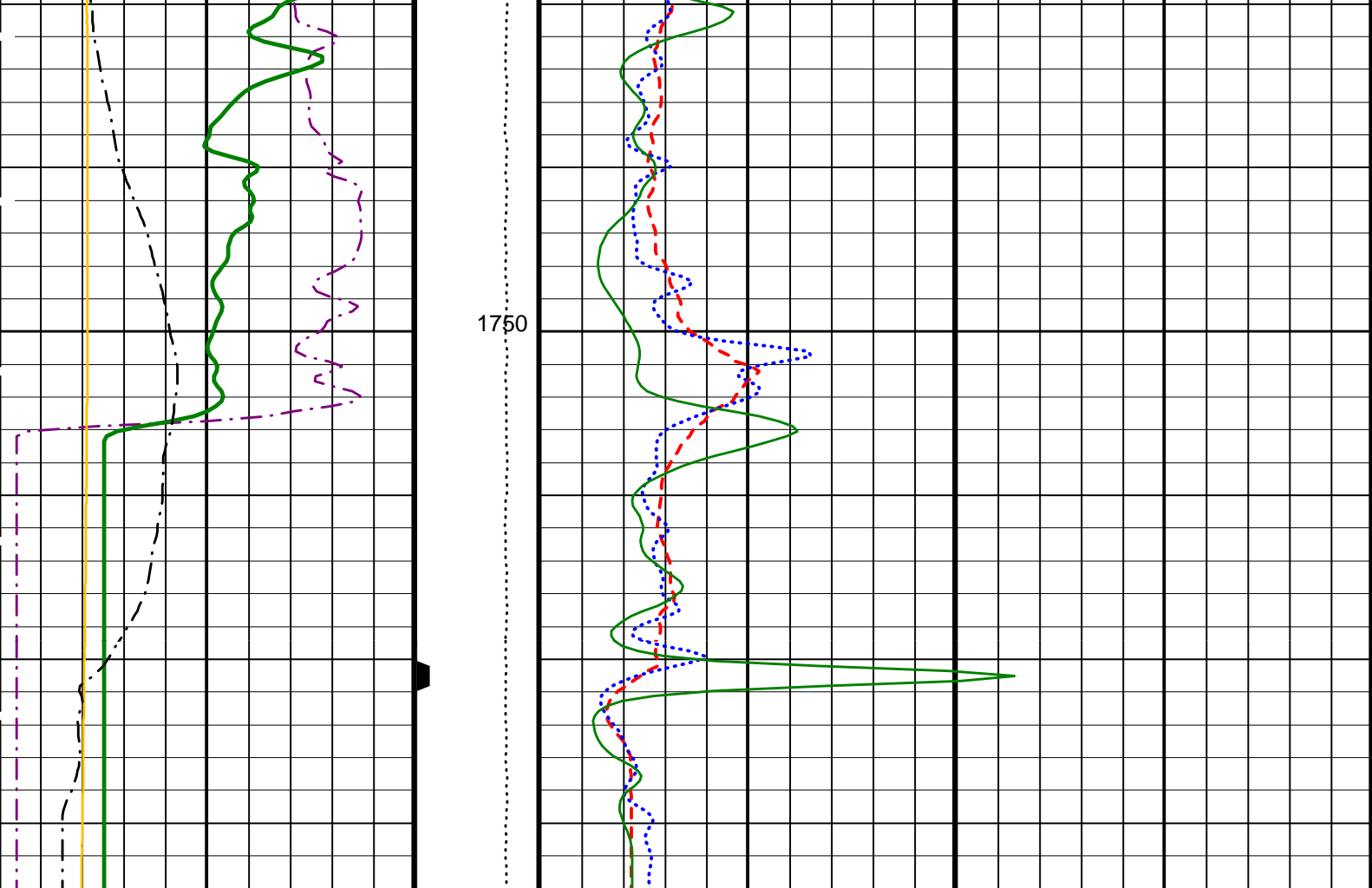
Time Mark Every 60 S

HNGS Spectroscopy Gamma Ray
(HSGR)
0 to 200
(GAPI)

SFL_
QUAL
From D3T
to SEQF

REPEAT SECTION





HLDS Caliper (LCAL) (IN)	Tension (TENS) (LBF)	Deep Induction Phasor-processed Resistivity (IDPH) (OHMM)
DIT-E Induction Temperature (ITEM) (DEGC)	ID_QUAL From IMQF to IDQF	Medium Induction Phasor-processed Resistivity (IMPH) (OHMM)
SP (SP) (MV)	IM_QUAL From SFQF to IMQF	SFL Averaged (SFLA) (OHMM)
HNGS Spectroscopy Gamma Ray (HSGR) (GAPI)	SFL_QUAL From D3T to SFQF	REPEAT SECTION

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value
	HLDS SS Tri-Ported Memory State	Enable
	HLDS Spec Message Rate	1
	HLDS LS Digital Integrator State	Normal
	HLDS Diag Message Rate	20
	HLDS SS NCB Mode	Density
	HLDS SS Digital Integrator State	Normal
	HLDS LS Tri-Ported Memory State	Enable
	HLDS Data Control	AcquiredData
	HLDS LS NCB Mode	Density
ALTDPCCHAN	Name of alternate depth channel	SpeedCorrectedDepth
BAR1	HNGS Detector 1 Barite Constant	1

BAR2	HNGS Barite Constant	1	
BHK	HNGS Borehole Potassium Correction Concentration	0	
BHS	Borehole Status	OPEN	
BHT	Bottom Hole Temperature (used in calculations)	212	DEGF
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	-50000.00	PPM
CLCL	HLDS LS Control Loop Controller Mode	AUTO_DEFAULT	
CLCS	HLDS SS Control Loop Controller Mode	AUTO_DEFAULT	
CLLS	HLDS Mode Loop Long Spacing	AUTO	
CLSS	HLDS Mode Loop Short Spacing	AUTO	
CONTYP	Conveyance Type	Wireline	
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	7.69015	%
D1TC	HNGS Detector 1 Calibration Temperature	83.0462	DEGF
D1TL	HNGS Detector 1 Calibration Thorium Peak Location	209.757	
D2PR	HNGS Detector 2 Calibration Thorium Peak Resolution	7.03497	%
D2TC	HNGS Detector 2 Calibration Temperature	81.4405	DEGF
D2TL	HNGS Detector 2 Calibration Thorium Peak Location	209.443	
DBCC	HNGS Barite Constant Correction Flag	NONE	
DEPREM1	Depth Remark 1		
DEPREM2	Depth Remark 2		
DEPREM3	Depth Remark 3		
DEPREM4	Depth Remark 4		
DEPREM5	Depth Remark 5		
DEPREM6	Depth Remark 6		
DFD	Drilling Fluid Density	9.17	LB/G
DGF2	Deep 20 kHz Gain Factor	1.0235	
DHC	Density Hole Correction	BS	
DO	Depth Offset for Logical Unit 1	0.0	M
DPH2	Deep 20 kHz Phase Shift	-0.230754	DEG
DPPM	Density Porosity Processing Mode	HIRS	
DRE2	Deep Real 20 kHz Sonde Error Correction	18.3624	MM/M
DSR2	Deep Sigma Reference (20 kHz)	1843	MM/M
DXE2	Deep Quad 20 kHz Sonde Error Correction	-42.2018	MM/M
FD	Fluid Density	1	G/C3
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	0.01	DF/F
GRSE	Generalized Mud Resistivity Selection	CHART_GEN_9	
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	-0.00706549	
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	6.56295e-027	
IDWCD	IDW Calibration Date (dd-MMM-yyyy)	dd-MMM-yyyy	
IDWCSN	IDW Calibrator Serial Number	-999	
IDWLCN	IDW Calibration Cable Type	7-46P	
IDWSN	IDW Serial Number	-999	
IDWTYP	IDW Type	IDW-B	
IDWWC1	IDW Wheel Correction 1	1	
IDWWC2	IDW Wheel Correction 2	1	
IFRS	DIT-E Induction Frequency Selector	20	
IPHA	DIT-E Phasor Processing Mode	ALL	
IPRO	DIT-E Induction Processing Selector	PHASOR	
ITEN	DIT-E Temperature Enable	ENABLE	
LATC	HLDS Activation Correction	ON	
LCSN	Logging Cable Serial Number	-999	
LLDL	HLDS LS Low Level Discriminator DAC	14000	
LLDS	HLDS SS Low Level Discriminator DAC	14000	
LLML	HLDS LS Low Level Discriminator Mode	AUTO	
LLMS	HLDS SS Low Level Discriminator Mode	AUTO	
LOGSEQ	Log Sequence	First_Log_In_Well	
MARQ_START	HNGS Marquardt Start-up Mode	INTERNAL	
MATR	Rock Matrix for Neutron Porosity Corrections	LIMESTONE	
MDEN	Matrix Density	2.71	G/C3
MGF2	Medium 20 kHz Gain Factor	1.02156	
MPH2	Medium 20 kHz Phase Shift	-1.08578	DEG
MRE2	Medium Real 20 kHz Sonde Error Correction	8.9436	MM/M
MSR2	Medium Sigma Reference (20 kHz)	1843	MM/M

MSRZ	Medium Sigma Reference (20 KHz)	3250	MM/M
MST	Mud Sample Temperature	30.00	DEGF
MXE2	Medium Quad 20 kHz Sonde Error Correction	-46.3369	MM/M
NOTS	NPLC Old Temperature Sensor	NO	
NRBM	NPLC Reduced Telemetry Bandwidth Mode	OFF	
PBVSADP	Use alternate depth channel for playback	NO	
PHVL	HLDS Long Spacing High Voltage Setting	1000	V
PHVS	HLDS Short Spacing High Voltage Setting	1000	V
PP	Playback Processing	RECOMPUTE	
PSDL	HLDS LS Pulse Shape Compensation DAC	16000	
PSDS	HLDS SS Pulse Shape Compensation DAC	16000	
PSML	HLDS LS Pulse Shape Compensation Mode	AUTO	
PSMS	HLDS SS Pulse Shape Compensation Mode	AUTO	
RDF1_START	HNGS Detector 1 RDF Constant	0	
RDF2_START	HNGS Detector 2 RDF Constant	0	
RIGTYP	Rig Type	Offshore_Floater_with_WMC	
RLDT	Reference Log Date (dd-MMM-yyyy)	dd-MMM-yyyy	
RLNM	Reference Log Name		
RLRN	Reference Log Run Number		
RMFS	Resistivity of Mud Filtrate Sample	-50000.0000	OHMM
RULB	Rig Up Length at Bottom	0	FT
RULS	Rig Up Length at Surface	0	FT
RW	Resistivity of Connate Water	1.0000	OHMM
S1BI	HNGS Detector 1 Calibration Bismuth Count Rate	1.3	CPS
S1NA	HNGS Detector 1 Calibration Sodium Count Rate	24.2212	CPS
S1NG	HNGS Detector 1 Calibration End-On / Side-On Gain Ratio	0.984113	
S2BI	HNGS Detector 2 Calibration Bismuth Count Rate	1.3	CPS
S2NA	HNGS Detector 2 Calibration Sodium Count Rate	24.6034	CPS
S2NG	HNGS Detector 2 Calibration End-On / Side-On Gain Ratio	0.982439	
SABK	HNGS Statistical Uncertainty in Borehole Potassium Running Average	0.000818593	
SBR	Shoulder Bed Resistivity Factor	1	OHMM
SCORR	Stretch Correction	-50000	FT
SFCR	SFL Channel Ratio	1000	
SFLE	SFL Enable	ENABLE	
SGRC	HNGS Standard Gamma-Ray Correction Flag	YES	
SHT	Surface Hole Temperature	68.0001	DEGF
SPAE	DIT-E SPARC Processing Enable	ENABLE	
SPNV	SP Next Value	0	MV
STDLC	Subsequent Trip Down Log Correction	-50000	FT
TD	Total Depth	32768	FT
TDD	Total Depth - Driller	-50000.00	FT
TDL	Total Depth - Logger	-50000.00	FT
TNDCD	Tension Device Calibration Date (dd-MMM-yyyy)	dd-MMM-yyyy	
TNDCSN	Tension Device Calibrator Serial Number	-999	
TNDGN	Tension Device GAIN	1	
TNDOFF	Tension Device Offset	0	
TNDSN	Tension Device Serial Number	-999	
TNDTYP	Tension Device	CMTD-B/A	
TPOS	Tool Position	ECCE	
TWS	Temperature of Connate Water Sample	100.00	DEGF
VBA1	HNGS Detector 1 Variable Barite Factor Running Average	0.992159	
VBA2	HNGS Detector 2 Variable Barite Factor Running Average	0.980345	
ZRCS	Tool Zero Reference Check at Surface	-50000	FT

Format: DITE_LinPhasor Vertical Scale: 1:200 Graphics File Created: 31-Dec-2000 19:50

OP System Version: 9C1-303
MCM

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

Input DLIS Files

DEFAULT	DITE .062	FN:9	PRODUCER	29-Dec-2000 10:17	1767.1 M	1696.1 M
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Output DLIS Files

DEFAULT	DITE .084	FN:28	PRODUCER	31-Dec-2000 19:50
LAMONT	DITE .084	FN:29	PRODUCER	31-Dec-2000 19:50

COMPANY: Lamont Doherty

WELL: ODP Leg 193, Site 1189C (PCM-3A)

FIELD: Manus Basin, Roman Ruins

BOTTOM LOG INTERVAL	1766 m
SCHLUMBERGER DEPTH	1766 m
DEPTH DRILLER	1866 m
KELLY BUSHING	11.3 m

COUNTY: Offshore
STATE: Bismarck Sea

DRILL FLOOR	11 m
GROUND LEVEL	-1700 m

Schlumberger

Phasor Induction
Natural Gamma Ray