

[illegible]

Company: ExxonMobil

Well: MLA A-2a

Field: Marlin

Rig: Crane / Prod 4

Country: Australia

Dummy Plug

9 5/8" MPBT Plug

Dump Bailer Record

Crane / Prod 4

Field: Marlin

Location: Gippsland Basin

Well: MLA A-2a

Company: ExxonMobil

LOCATION			
Gippsland Basin Bass Strait	Elev.: K.B. 27.4 m G.L. -59 m D.F. 27.4 m		
Permanent Datum: _____ Log Measured From: Kelly Bushing _____ Drilling Measured From: Kelly Bushing _____	Elev.: 0.0 m _____ 27.4 m above Perm. Datum		
State: Victoria	Max. Well Deviation 37 deg	Longitude 148 13' 09.81" E	Latitude 38 13' 55.49" S

Logging Date	7-Jan-2006		
Run Number	1-5		
Depth Driller	1708.1 m		
Schlumberger Depth	1620 m - Tagged		
Bottom Log Interval	1590 m		
Top Log Interval	1590 m		
Casing Fluid Type	Production Fluids		
Salinity			
Density			
Fluid Level			
BIT/CASING/TUBING STRING			
Bit Size	12.500 in		
From			
To			
Casing/Tubing Size	9.625 in		
Weight	47 lbm/ft		
Grade	J-55		
From	12.5 m		
To	1658.11 m		
Maximum Recorded Temperatures	78 degC		
Logger On Bottom	7-Jan-2006		11:15
Unit Number	Location	1	AUSL
Recorded By	Paul Tarrant & Owen Darby		
Witnessed By	Greg Rimmer		

PVT DATA				Run 1	Run 2	Run 3
Oil Density						
Water Salinity						
Gas Gravity						
Bo						
Bw						
1/Bg						
Bubble Point Pressure						
Bubble Point Temperature						
Solution GOR						
Maximum Deviation				37 deg		
CEMENTING DATA						
Primary/Squeeze				Primary		
Casing String No						
Lead Cement Type						
Volume						
Density						
Water Loss						
Additives						
Tail Cement Type						
Volume						
Density						
Water Loss						
Additives						
Expected Cement Top						
Logging Date						
Run Number						
Depth Driller						
Schlumberger Depth						
Bottom Log Interval						
Top Log Interval						
Casing Fluid Type						
Salinity						
Density						
Fluid Level						
BIT/CASING/TUBING STRING						
Bit Size						
From						
To						
Casing/Tubing Size						
Weight						
Grade						
From						
To						
Maximum Recorded Temperatures						
Logger On Bottom						
Unit Number	Location					
Recorded By						
Witnessed By						

DEPTH SUMMARY LISTING

Date Created: 5-JAN-2006 6:55:05

Depth System Equipment

Depth Measuring Device	Tension Device	Logging Cable
Type: IDW-H Serial Number: 797 Calibration Date: 01-May-2005 Calibrator Serial Number: 1009 Calibration Cable Type: 2-32ZT Wheel Correction 1: -3 Wheel Correction 2: 2	Type: CMTD-C Serial Number: 1037 Calibration Date: 22 Sep 05 Calibrator Serial Number: 57144 Calibration Gain: 1.29 Calibration Offset: 777.00	Type: 2-32ZT Serial Number: 22372 Length: 5099.91 M Conveyance Method: Wireline Rig Type: Offshore_Fixed

Depth Control Parameters

Log Sequence:	Subsequent Trip To the Well
Reference Log Name:	Solar Log
Reference Log Run Number:	Unknown
Reference Log Date:	Unknown

Depth Control Remarks

1.
2.
3.
4.
5.
6.

DISCLAIMER

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OTHER SERVICES1

OS1: MWPT 2 1/8" EJ Guns
OS2:
OS3:
OS4:
OS5:

REMARKS: RUN NUMBER 1

Log correlated to Solar log, date unknown, provided by client.

Objective:













RIH with a dummy plug to obtain HUD, pressure and temperature.

HUD = 1620m MDKB, Pressure = 1980psi , Temp = 172degF

Set a 9 5/8" MPBT plug at 1590m MDKB.

CCL to Tool Bottom = 6.6m

Tool Bottom to Top of Seal = 0.3m

CCL to Top of Seal = 6.9m					
CCL Stop Depth = 1590 – 6.9m = 1583.1m MDKB					
RIH with Dump Bailer, first run with water, followed by two runs					
of cement giving approximately 1.2m of cement on top of plug.					
Specialists: Paul Tarrant & Owen Darby					
Operators: Jakob Annear & Brendan Flynn					
Performed by Schlumberger					
RUN 1 PROGRAM VERSION: FLUID LEVEL:			RUN 2 PROGRAM VERSION: FLUID LEVEL:		
LOGGED INTERVAL	START	STOP	LOGGED INTERVAL	START	STOP
EQUIPMENT DESCRIPTION					
RUN 1			RUN 2		
SURFACE EQUIPMENT			SURFACE EQUIPMENT		
MPBM 47			WITM (SHM)		
DOWNHOLE EQUIPMENT			DOWNHOLE EQUIPMENT		
AH-SWBS AH-SWBS 761		12.06	AH-SWBS AH-SWBS 762		16.57
AH-SWBS AH-SWBS 762		11.36	AH-SWBS AH-SWBS 731		15.87
AH-SWBS AH-SWBS 763		10.67	AH-SWBS AH-SWBS 761		15.17
MH-SWHS MH-SWHS 726		9.97	MH-SWHS MH-SWHS 762		14.47
CCL-L CCL-L 4191		9.64	CCL-L CCL-L 4191		13.44
MPSU-CA MPSU-CA 1011		9.18	AH-DB-TT AH-DB-TT		12.98
CCL Tachometer Cable Current Head Voltage Tension — TOOL ZERO			Tension CCL — TOOL ZERO		

MPEX-EA_S
MPEX-EA_S

2.77

TOOL BOTTOM

MAXIMUM STRING DIAMETER 2.13 IN
MEASUREMENTS RELATIVE TO TOOL ZERO
ALL LENGTHS IN METERS

SHM_GUN
GUN

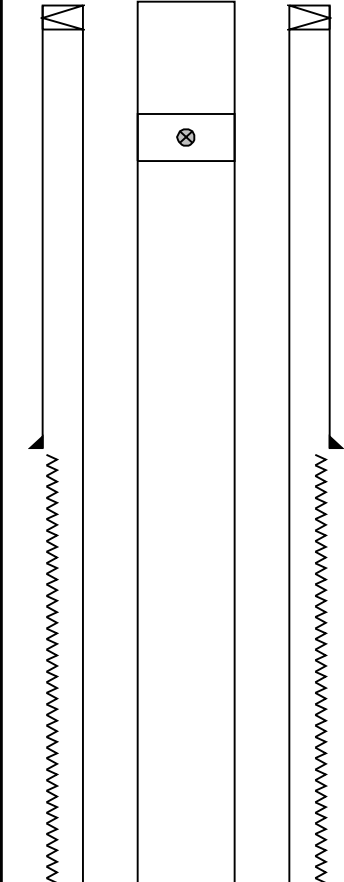
0.79

TOOL BOTTOM

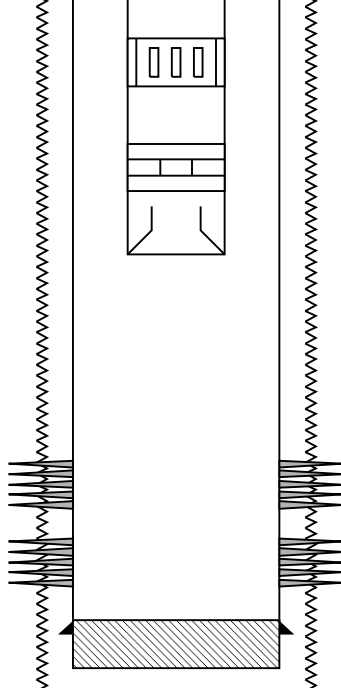
MAXIMUM STRING DIAMETER 2.13 IN
MEASUREMENTS RELATIVE TO TOOL ZERO
ALL LENGTHS IN METERS

Client: ExxonMobil
Well: MLA A-2a
Field: Marlin
State: Victoria
Country: Australia

Rig Name: Marlin
Reference Datum: Kelly Bushing
Elevation: 27.4 m

Production String	(in)		(m)	Well Schematic	(m)		(in)	Casing String
	OD	ID	MD		MD	OD	ID	
Tubing	4.500		11.7		12.5	9.625		Casing String Liner Hanger
Shutin Valve	4.500		124.3		12.5	13.375	9.625	
					642.6	13.375		Casing Shoe
					642.6	12.500		Borehole Segment

Sliding Sleeve	4.500	1450.3
Nipple	4.500	1473.0
Bell Nipple Guide	4.500	1473.3



1595.0

1609.0

1658.1
1645.0

9.625

Perforation Zone

Perforation Zone

Casing Shoe
PBD



2 1/8" Dump Bailer
Run 3 – Cement

MAXIS Field Log

Company: ExxonMobil

Well: TNA A-12

Input DLIS Files

DEFAULT	PERFO_028LUP	FN:27	PRODUCER	07-Jan-2006 21:08	1577.8 M	1544.6 M
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Output DLIS Files

DEFAULT	PERFO_030PUP	FN:29	PRODUCER	07-Jan-2006 21:17	1577.3 M	1544.6 M
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OP System Version: 13C0-300

MCM

SHM_GUN	SRC-2820-ASFS-WPP_k	CCL-L	13C0-300
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Casing Collar Locator (CCL)

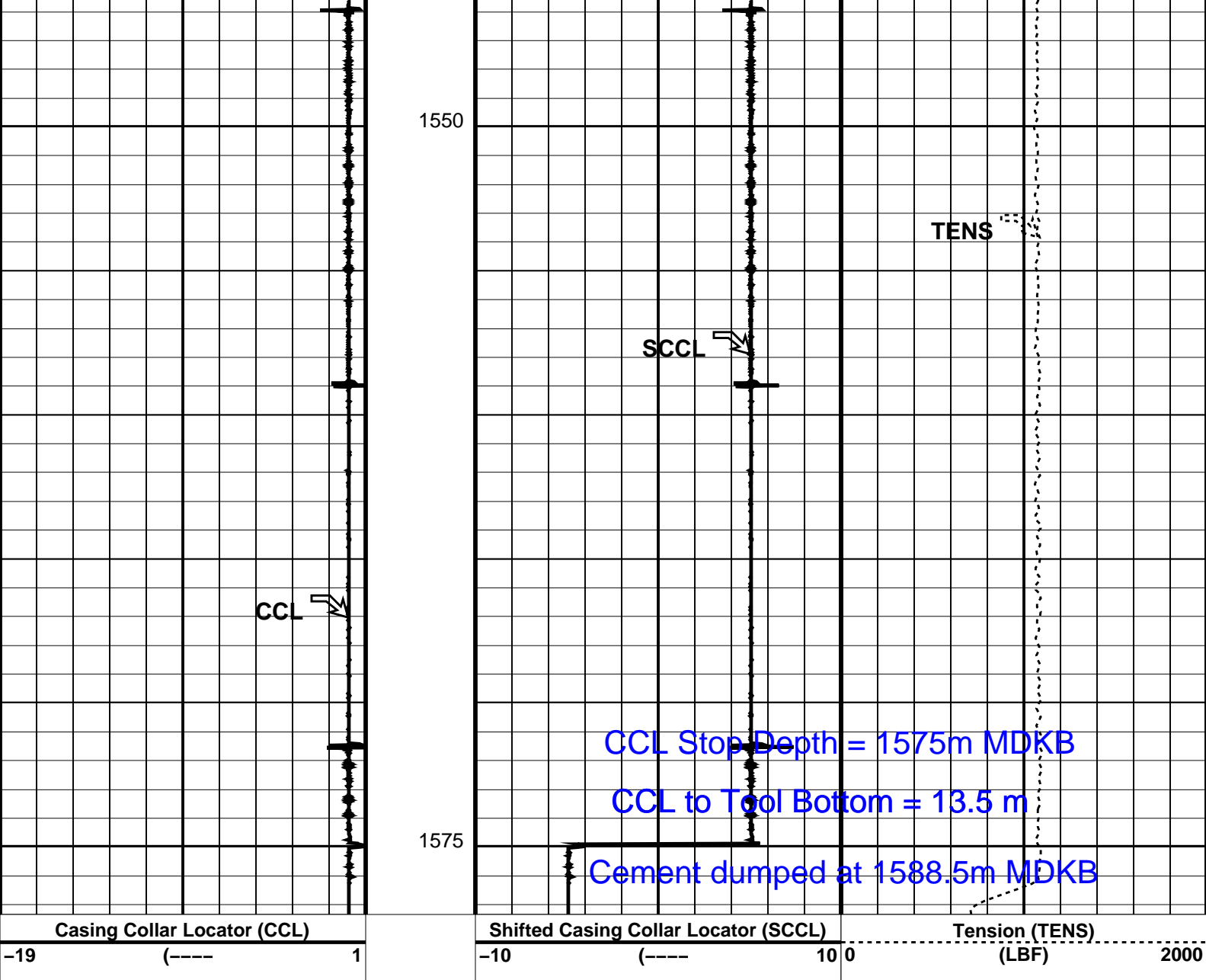
-19 (----- **1**

Shifted Casing Collar Locator (SCCL)

-10 (----- **10**

Tension (TENS)

(LBF) 2000



Parameters			
DLIS Name	Description	Value	
CCLD	CCL-L: Casing Collar Locator	12	IN
CCLT	CCL reset delay	0.3	V
	CCL Detection Level		
DO	System and Miscellaneous	-0.5	M
PP	Depth Offset for Playback		
	Playback Processing	NORMAL	

Format: PERFO Vertical Scale: 1:200 Graphics File Created: 07-Jan-2006 21:17

OP System Version: 13C0-300			
MCM			
SHM_GUN	SRC-2820-ASFS-WPP_k	CCL-L	13C0-300

Input DLIS Files					
DEFAULT	PERFO_028LUP	FN:27	PRODUCER	07-Jan-2006 21:08	1577.8 M 1544.6 M
Output DLIS Files					
DEFAULT	PERFO_030PUP	FN:29	PRODUCER	07-Jan-2006 21:17	

Company: ExxonMobil

Well: TNA A-12

Input DLIS Files

DEFAULT PERFO_025LUP FN:24 PRODUCER 07-Jan-2006 20:12 1578.1 M 1544.0 M

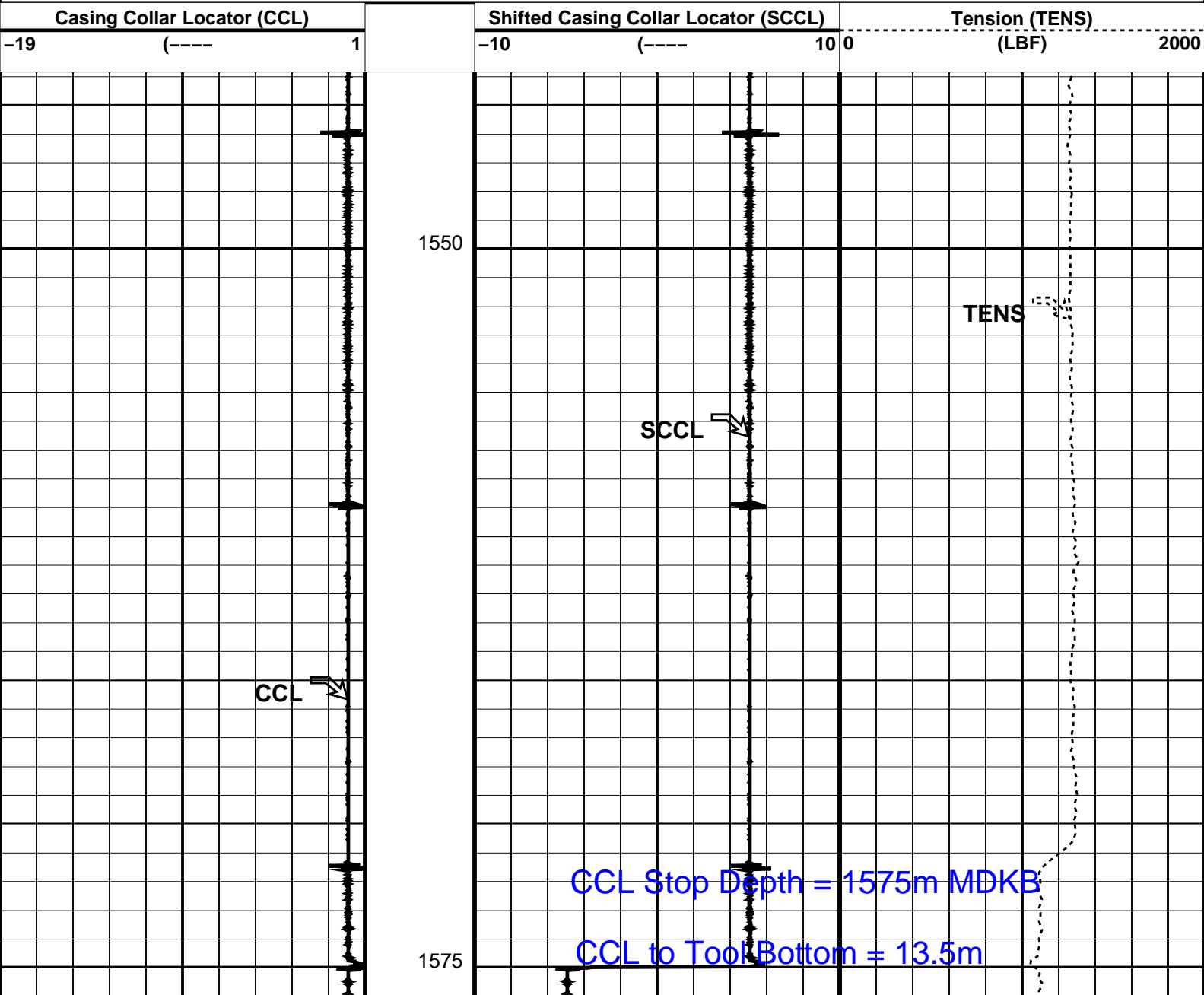
Output DLIS Files

DEFAULT PERFO_027PUP FN:26 PRODUCER 07-Jan-2006 20:19 1577.5 M 1543.8 M

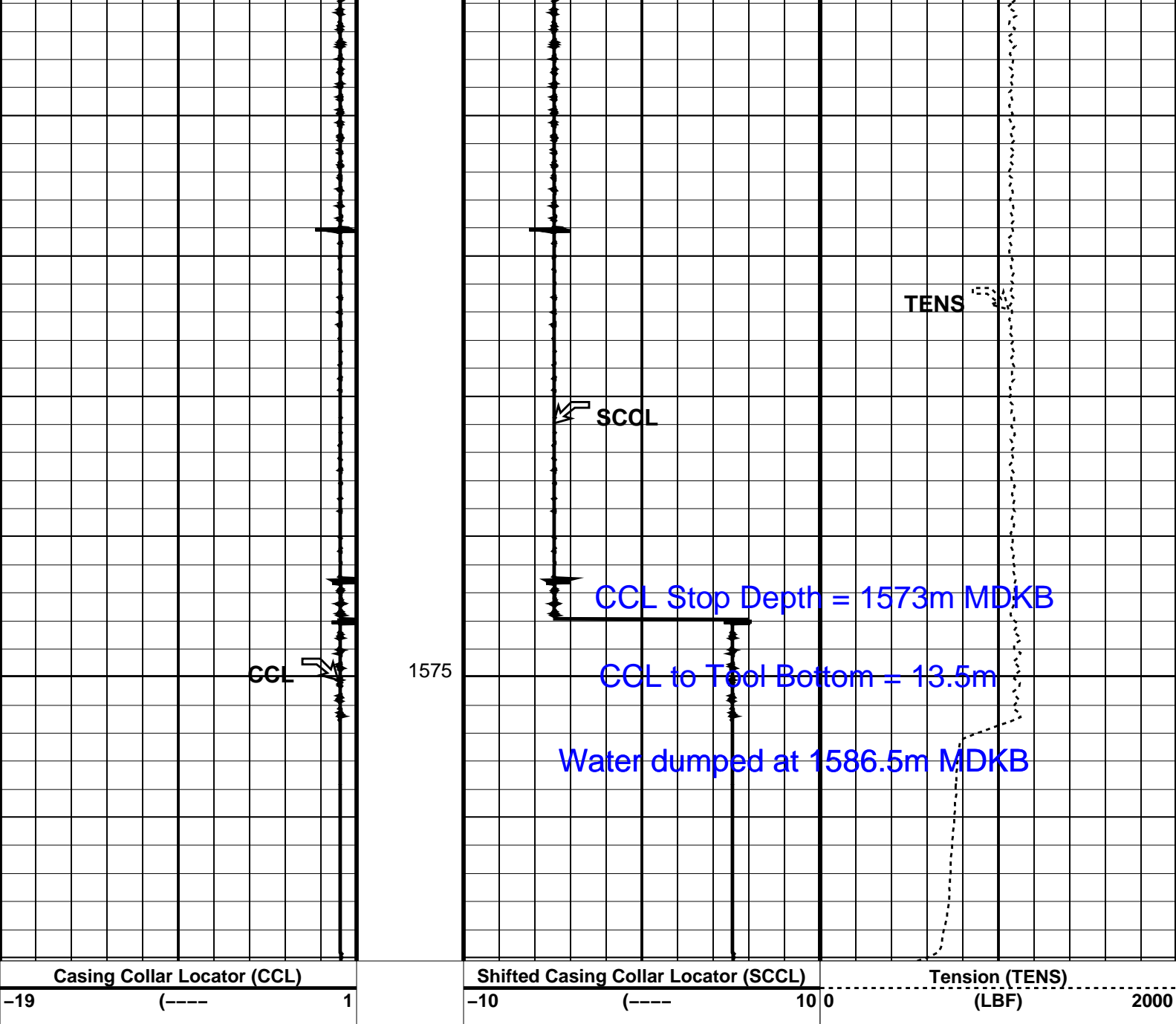
OP System Version: 13C0-300

MCM

SHM_GUN SRC-2820-ASFS-WPP_t CCL-L 13C0-300



[illegible]



Parameters			
DLIS Name	Description	Value	
CCLD	CCL-L: Casing Collar Locator	12	IN
CCLT	CCL reset delay	0.3	V
	CCL Detection Level		
	System and Miscellaneous		
DO	Depth Offset for Playback	-0.6	M
PP	Playback Processing	NORMAL	
Format: PERFO	Vertical Scale: 1:200	Graphics File Created: 07-Jan-2006 19:29	

OP System Version: 13C0-300			
MCM			
SHM_GUN	SRC-2820-ASFS-WPP_t	CCL-L	13C0-300

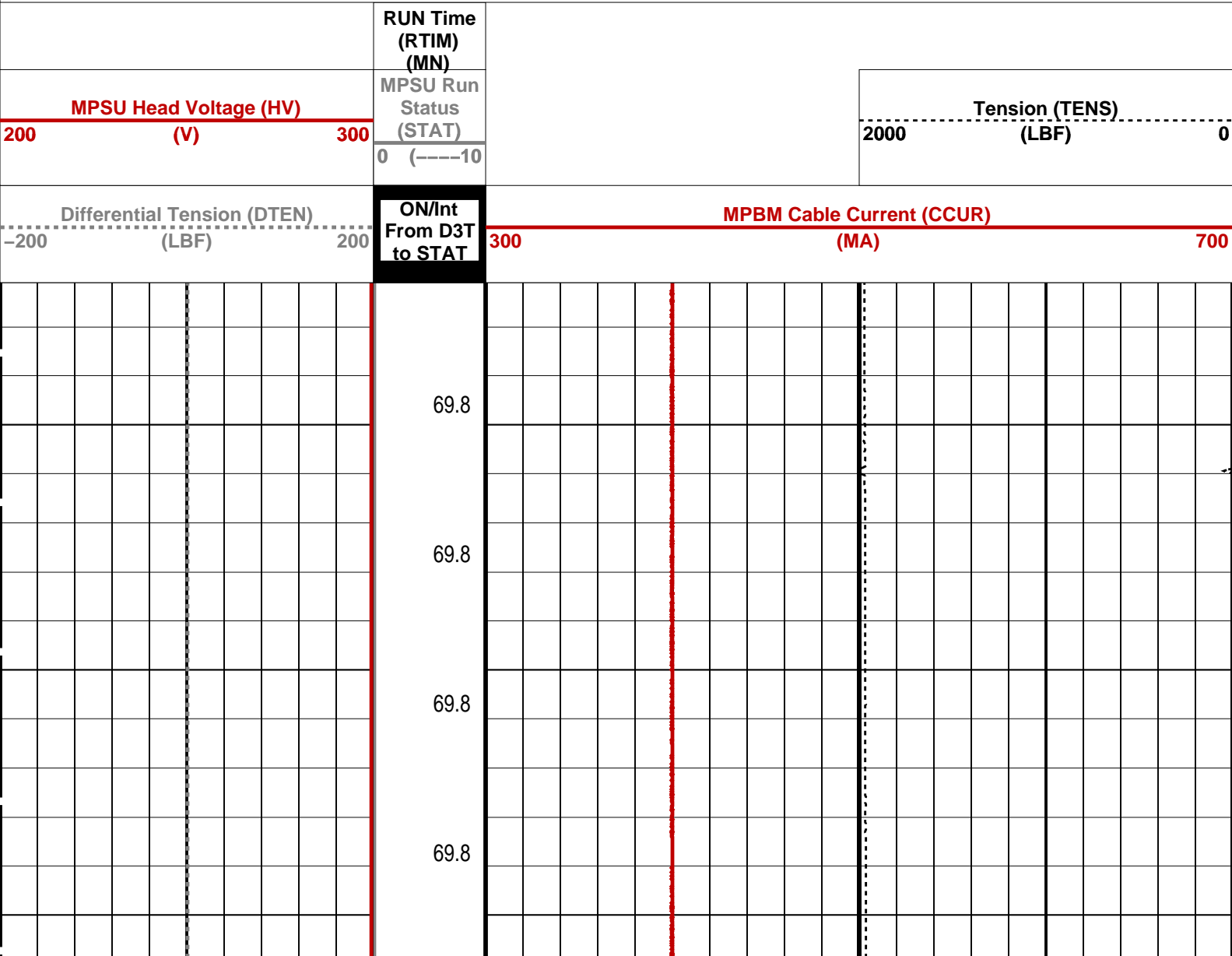
Input DLIS Files						
DEFAULT	PERFO_021LUP	FN:20	PRODUCER	07-Jan-2006 19:18	1585.7 M	1544.6 M
Output DLIS Files						
DEFAULT	PERFO_024PUP	FN:23	PRODUCER	07-Jan-2006 19:29		

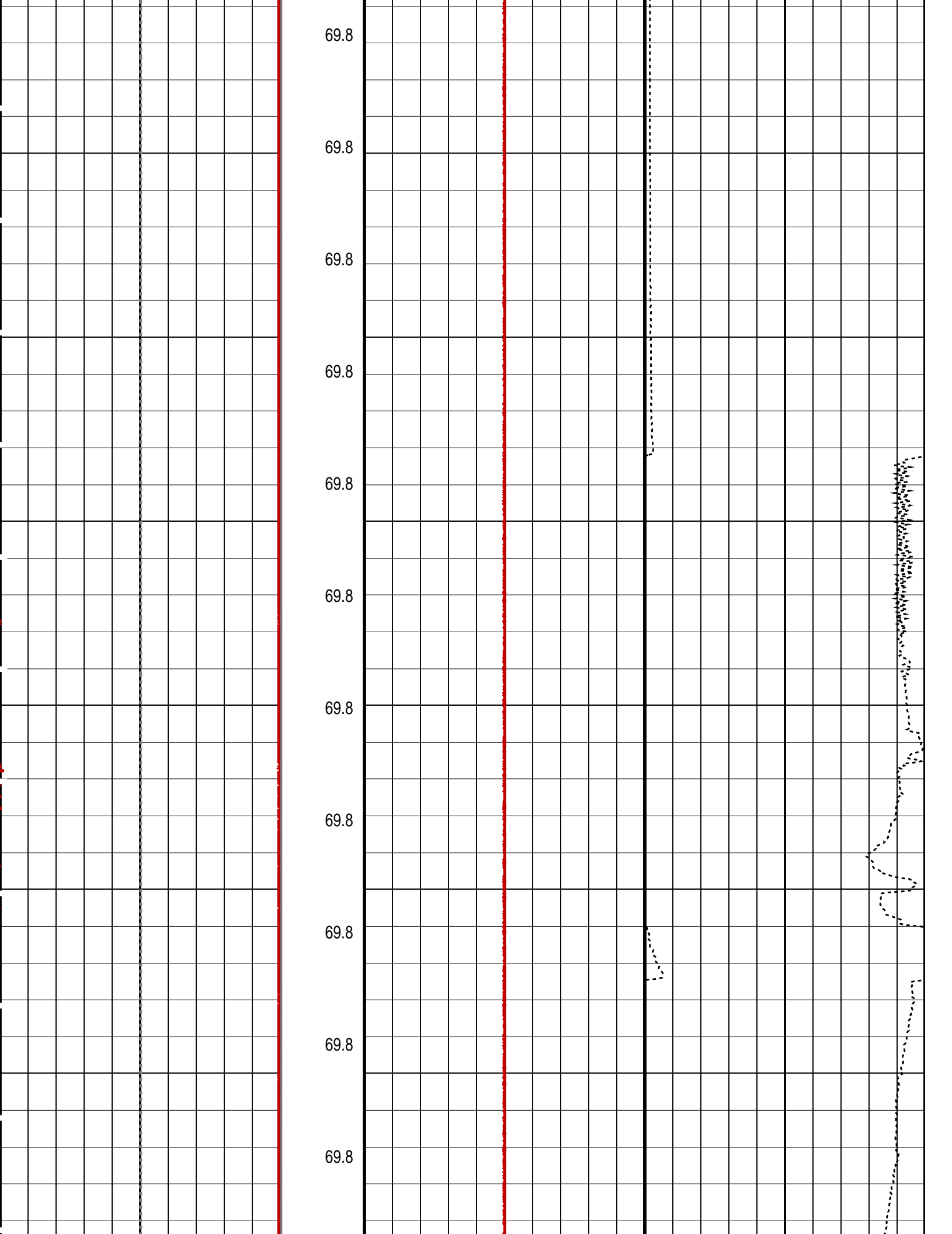


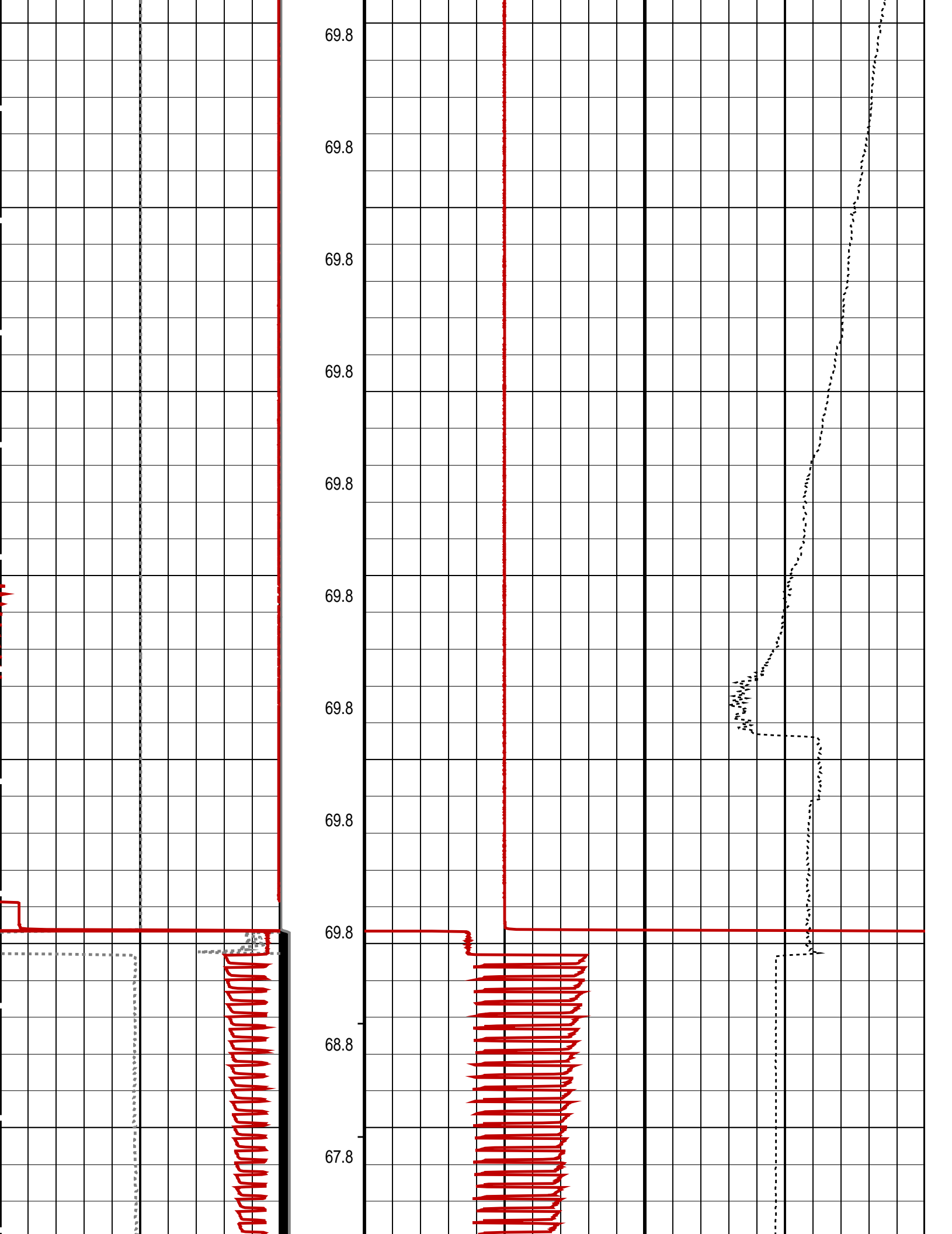
Output DLIS Files				
DEFAULT	CCL_018LUP	FN:17	PRODUCER	07-Jan-2006 16:21

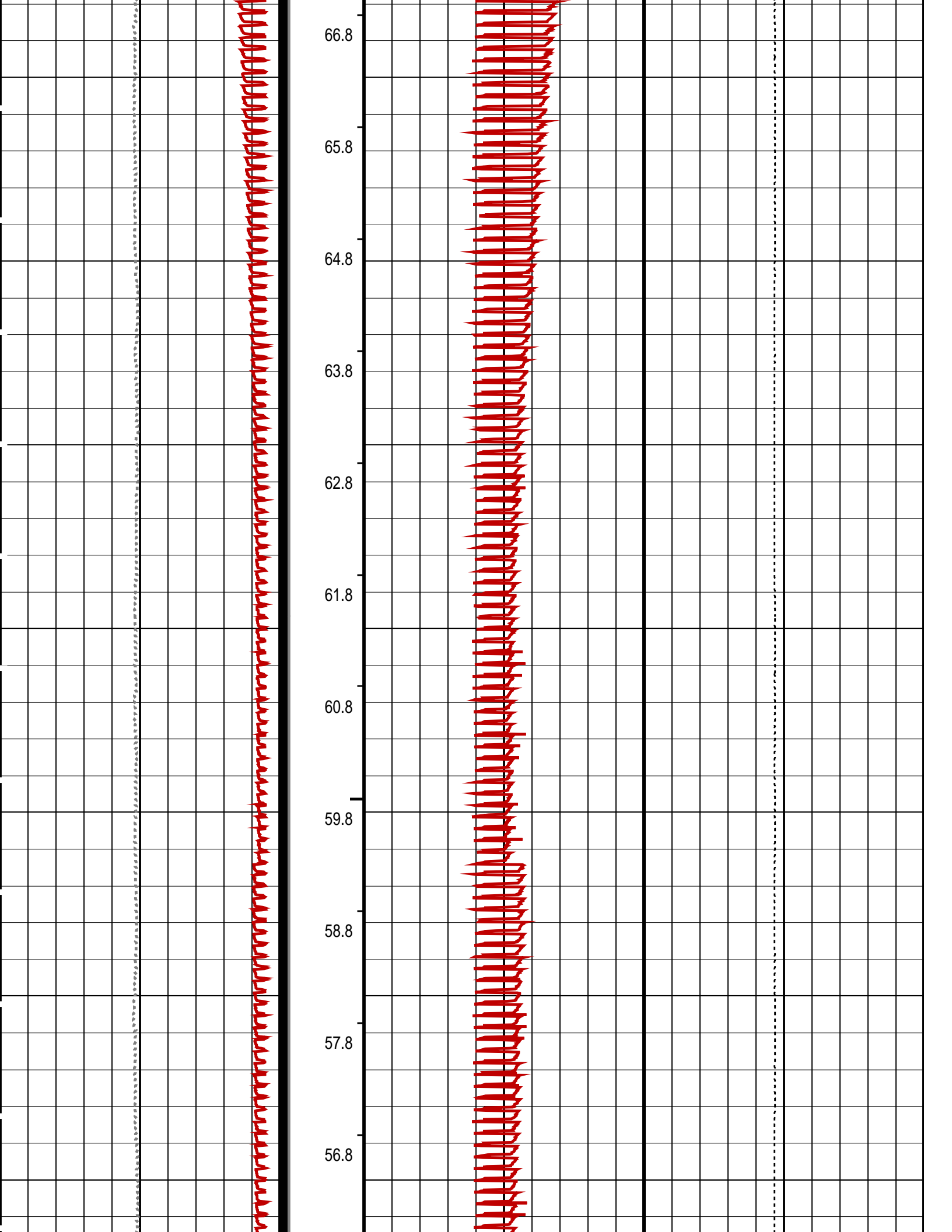
MPEX-EA_L	SRC-2820-ASFS-WPP_1	MPSU-CA	SRC-2820-ASFS-WPP_1
CCL-L	13C0-300		

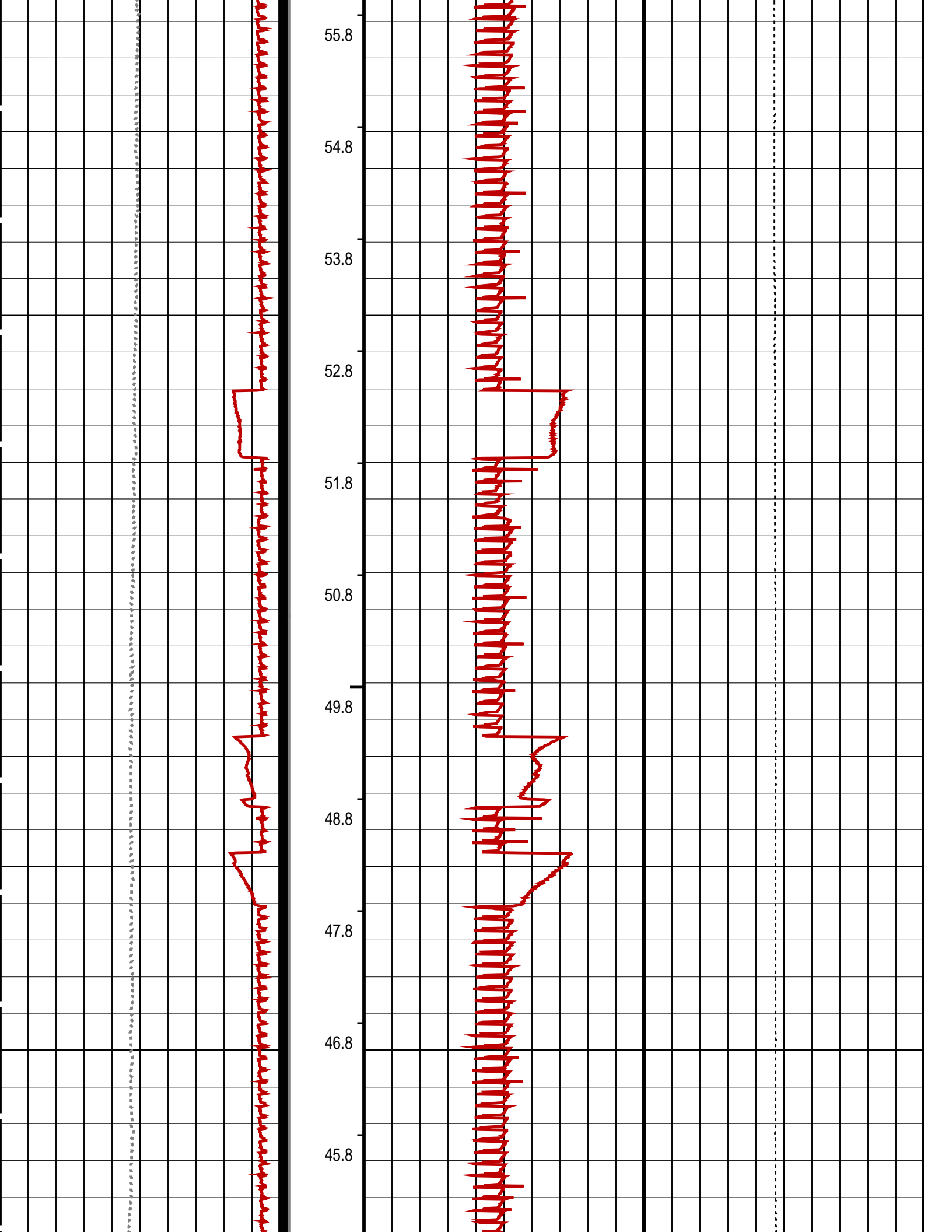
Time Mark Every 60 S

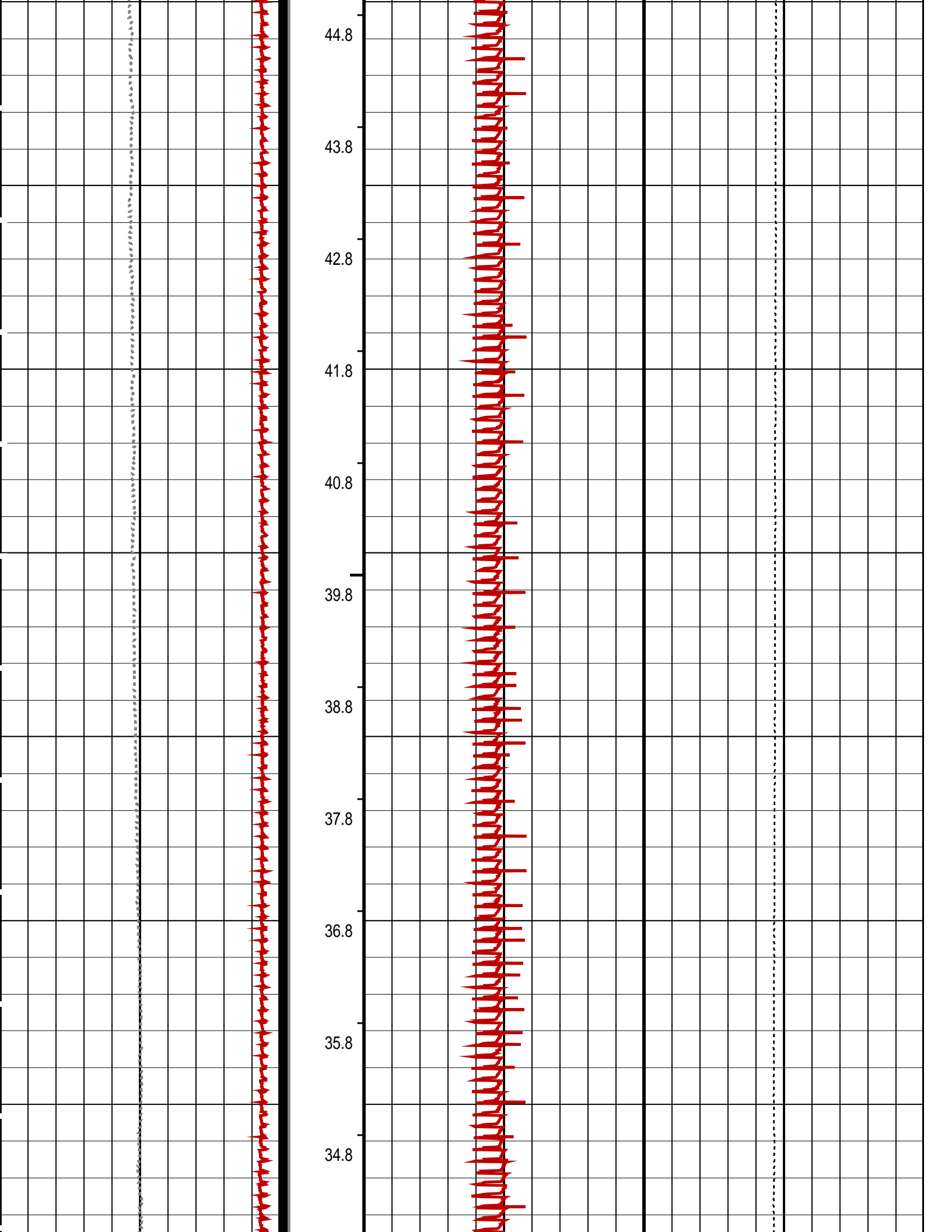


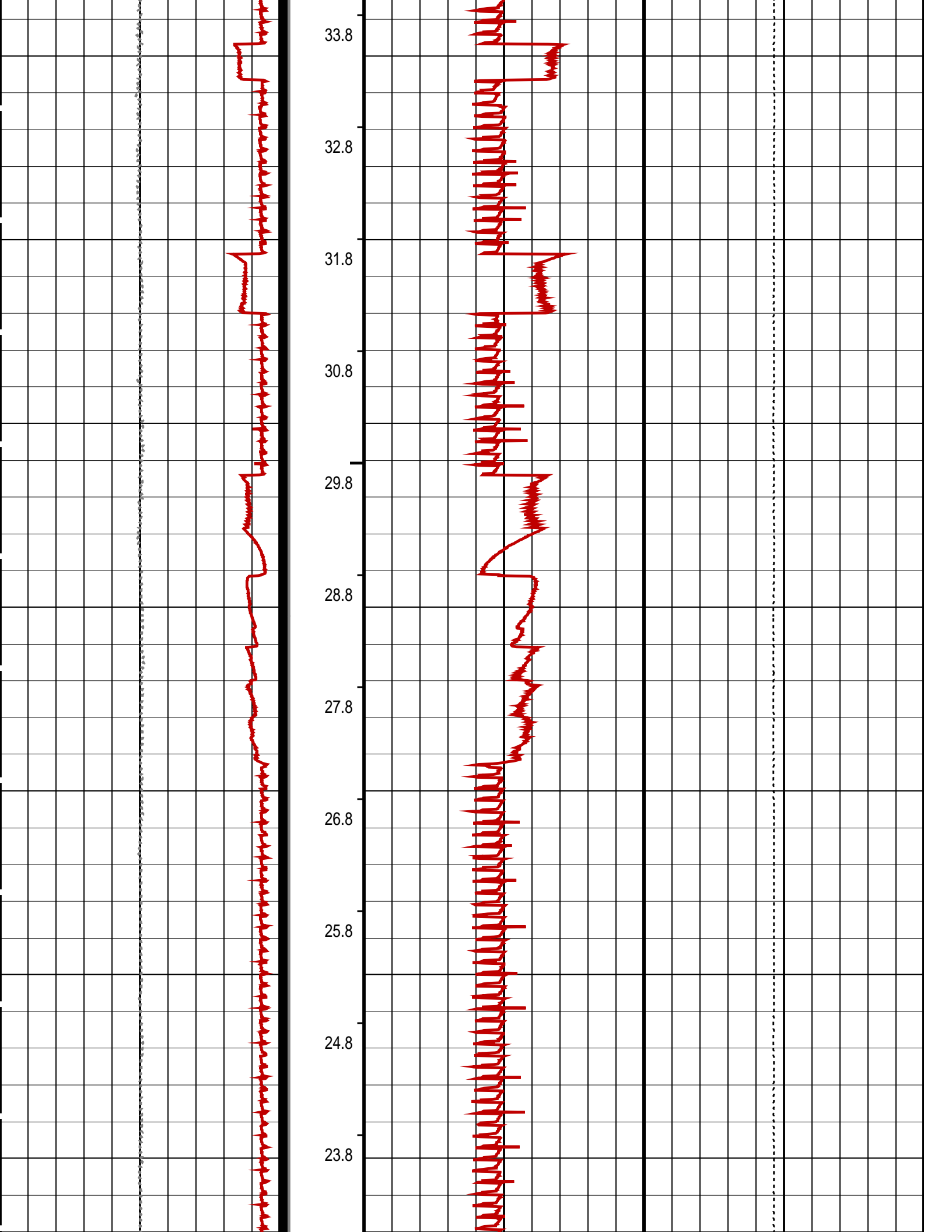


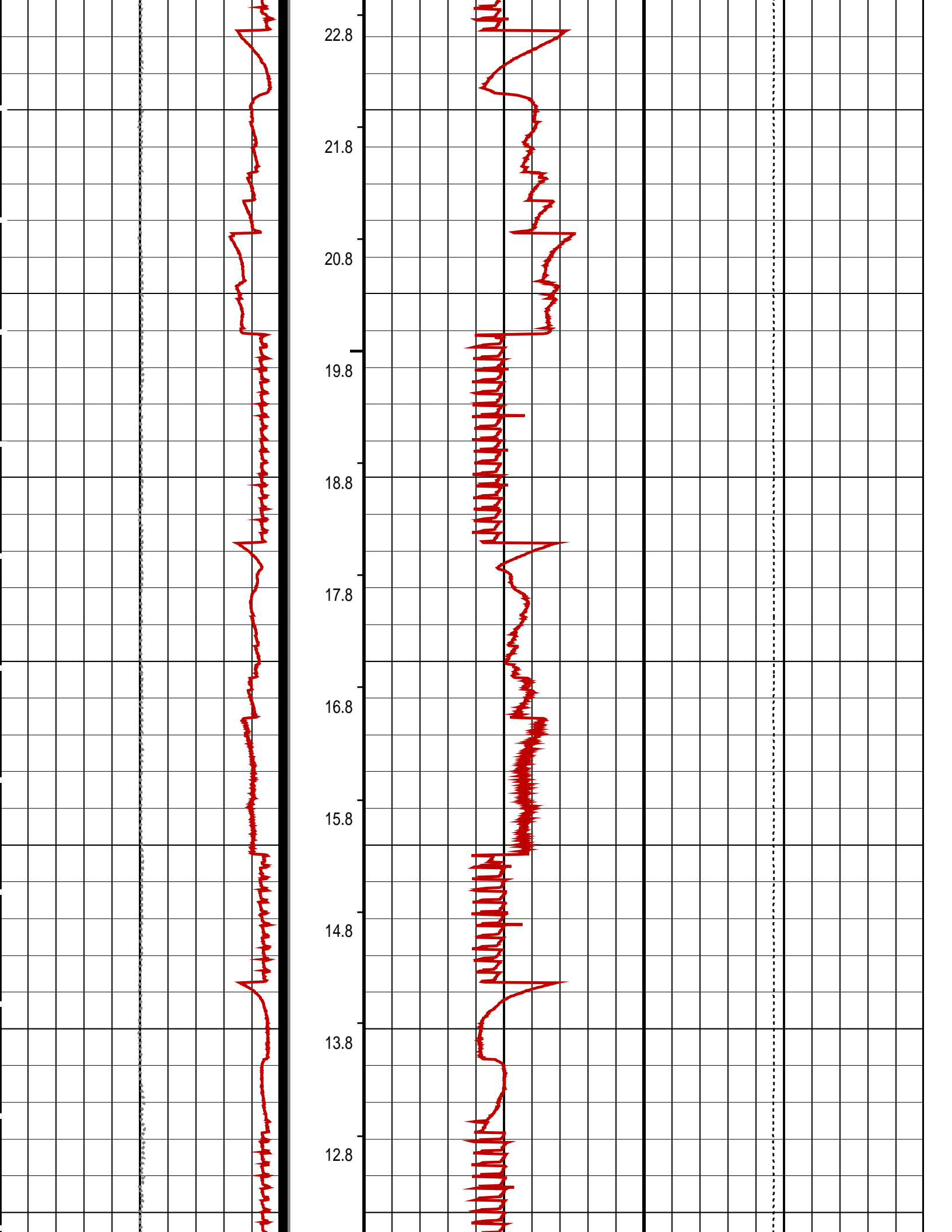


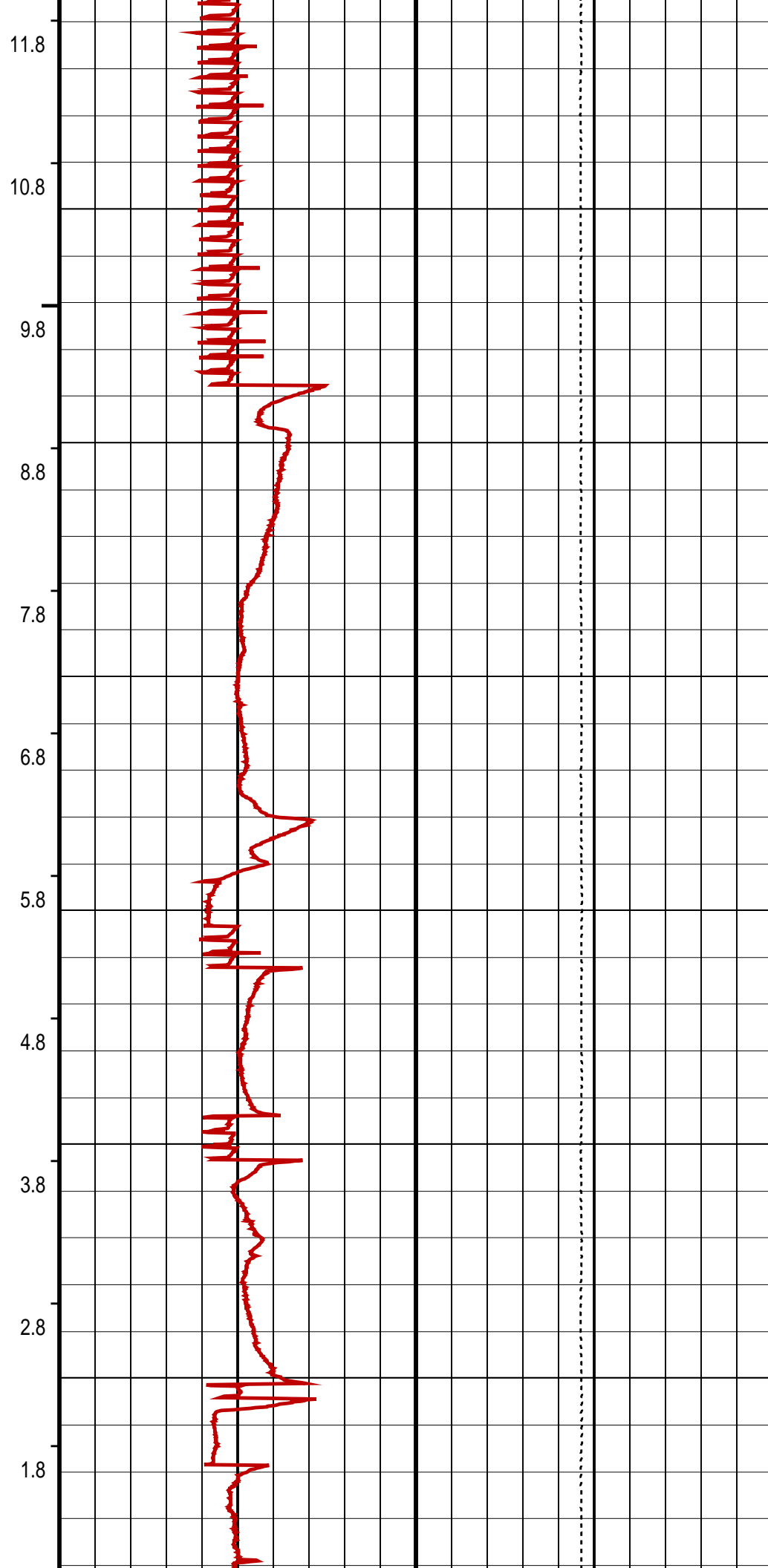
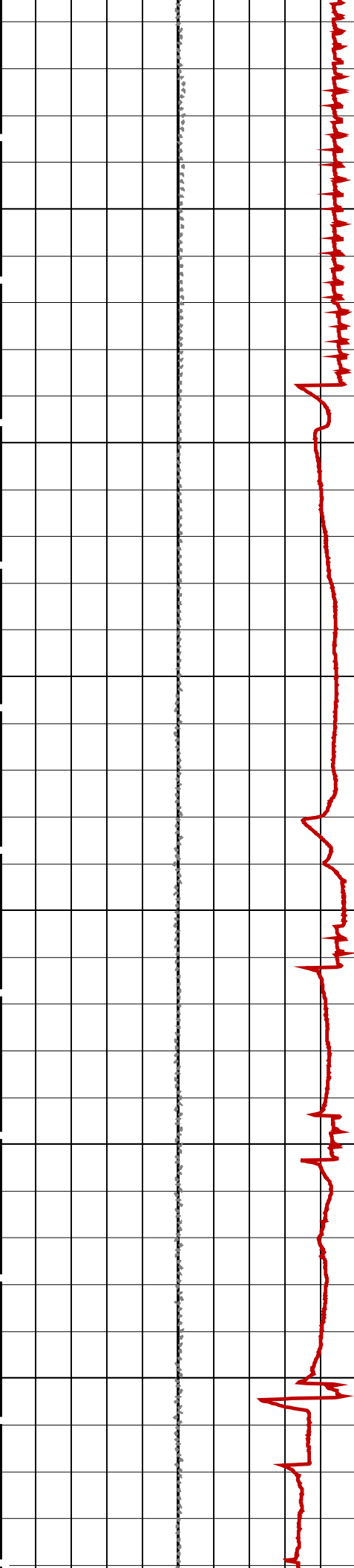


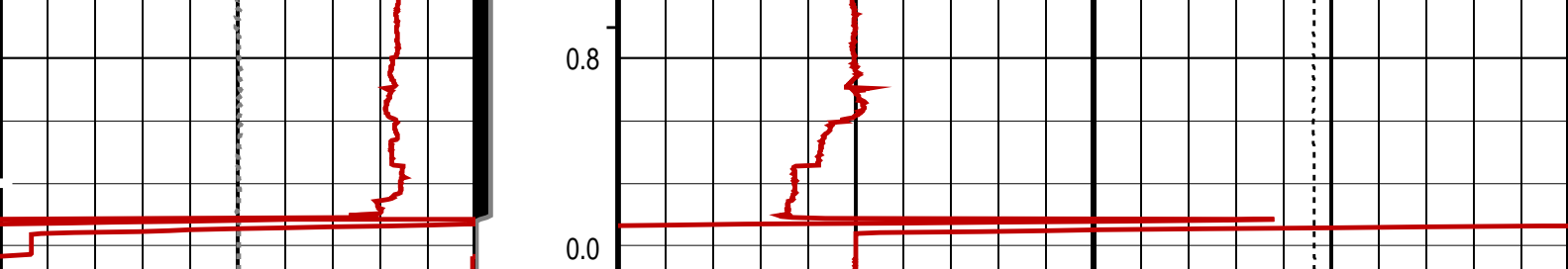












Differential Tension (DTEN) (LBF)	ON/Int From D3T to STAT	MPBM Cable Current (CCUR) (MA)	Tension (TENS) (LBF)
-200 200		300 700	2000 0
MPSU Head Voltage (HV) (V)	MPSU Run Status (STAT)		
200 300	0 (----10)		
	RUN Time (RTIM) (MN)		

PIP SUMMARY

- MPSU Run Time Every 1 MN
- MPSU Run Time Every 10 MN

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value
IPUMP	MPSU-CA: MECHANICAL PLUGBACK SETTING UNIT Intensifier Pump	TRUE

Format: MPBT Vertical Scale: 1:600 Graphics File Created: 07-Jan-2006 16:21

OP System Version: 13C0-300 MCM

MPEX-EA_L CCL-L	SRC-2820-ASFS-WPP_t 13C0-300	MPSU-CA	SRC-2820-ASFS-WPP_t
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Output DLIS Files

DEFAULT	CCL_018LUP	FN:17	PRODUCER	07-Jan-2006 16:21
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Schlumberger

9 5/8" MPBT Plug
Correlation Pass

MAXIS Field Log

Output DLIS Files

DEFAULT	CCL_017LUP	FN:16	PRODUCER	07-Jan-2006 16:15	1608.9 M	1566.2 M
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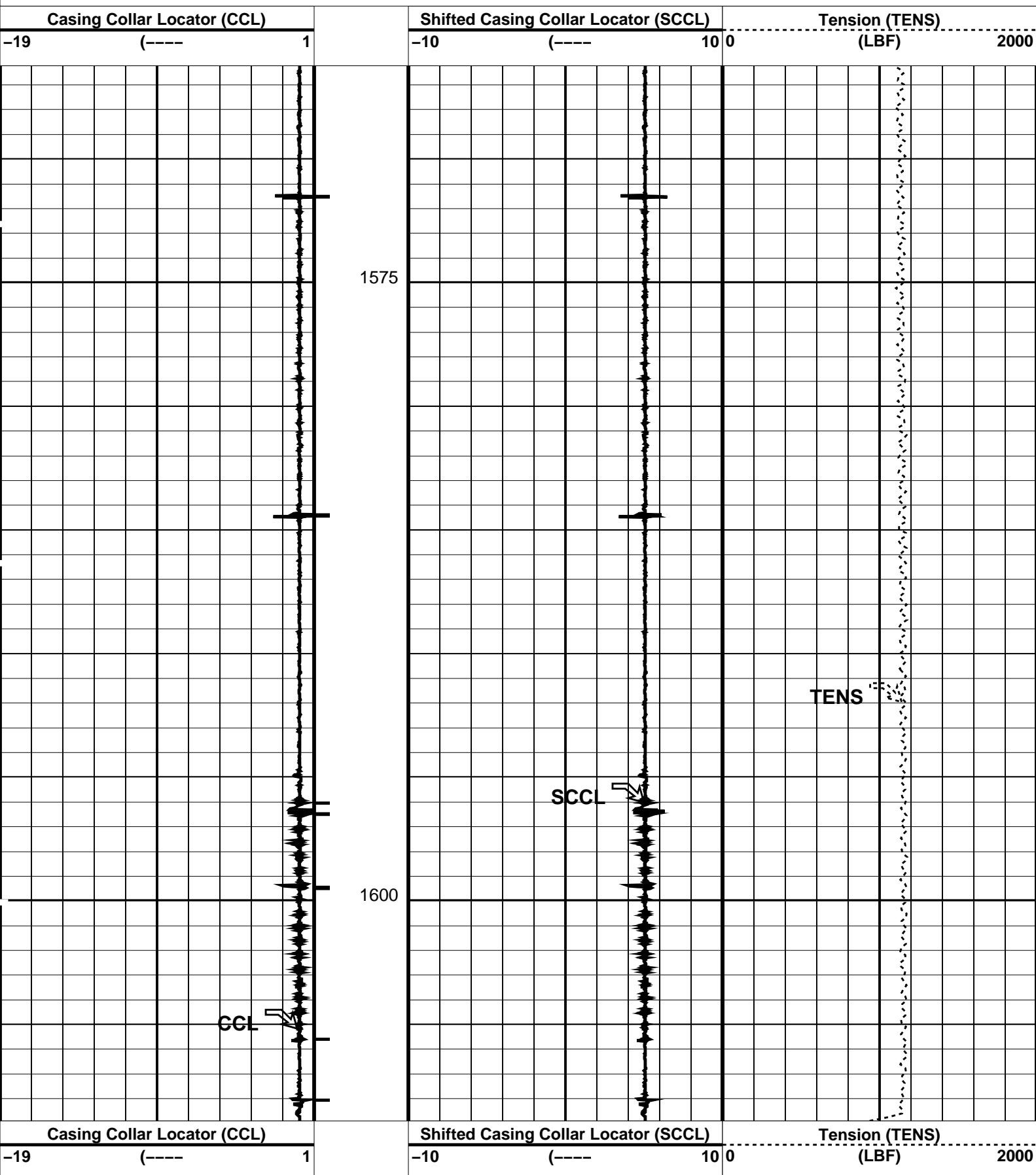
OP System Version: 13C0-300 MCM

MPEX-EA_L CCL-L	SRC-2820-ASFS-WPP_t 13C0-300	MPSU-CA	SRC-2820-ASFS-WPP_t
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PIP SUMMARY

- Casing Collars

Time Mark Every 60 S



PIP SUMMARY

Time Mark Every 60 S

└─ Casing Collars

Parameters

DLIS Name	Description	Value
CCL-L: Casing Collar Locator		

CCLD
CCLT

CCL reset delay
CCL Detection Level

12 IN
0.3 V

Format: PERFO Vertical Scale: 1:200 Graphics File Created: 07-Jan-2006 16:15

OP System Version: 13C0-300
MCM

MPEX-EA_L SRC-2820-ASFS-WPP_1 MPSU-CA SRC-2820-ASFS-WPP_1
CCL-L 13C0-300

Output DLIS Files

DEFAULT CCL_017LUP FN:16 PRODUCER 07-Jan-2006 16:15

Schlumberger

2 5/8" Dummy Plug
Correlation Log

MAXIS Field Log

Company: ExxonMobil

Well: MLA A-2a

Input DLIS Files

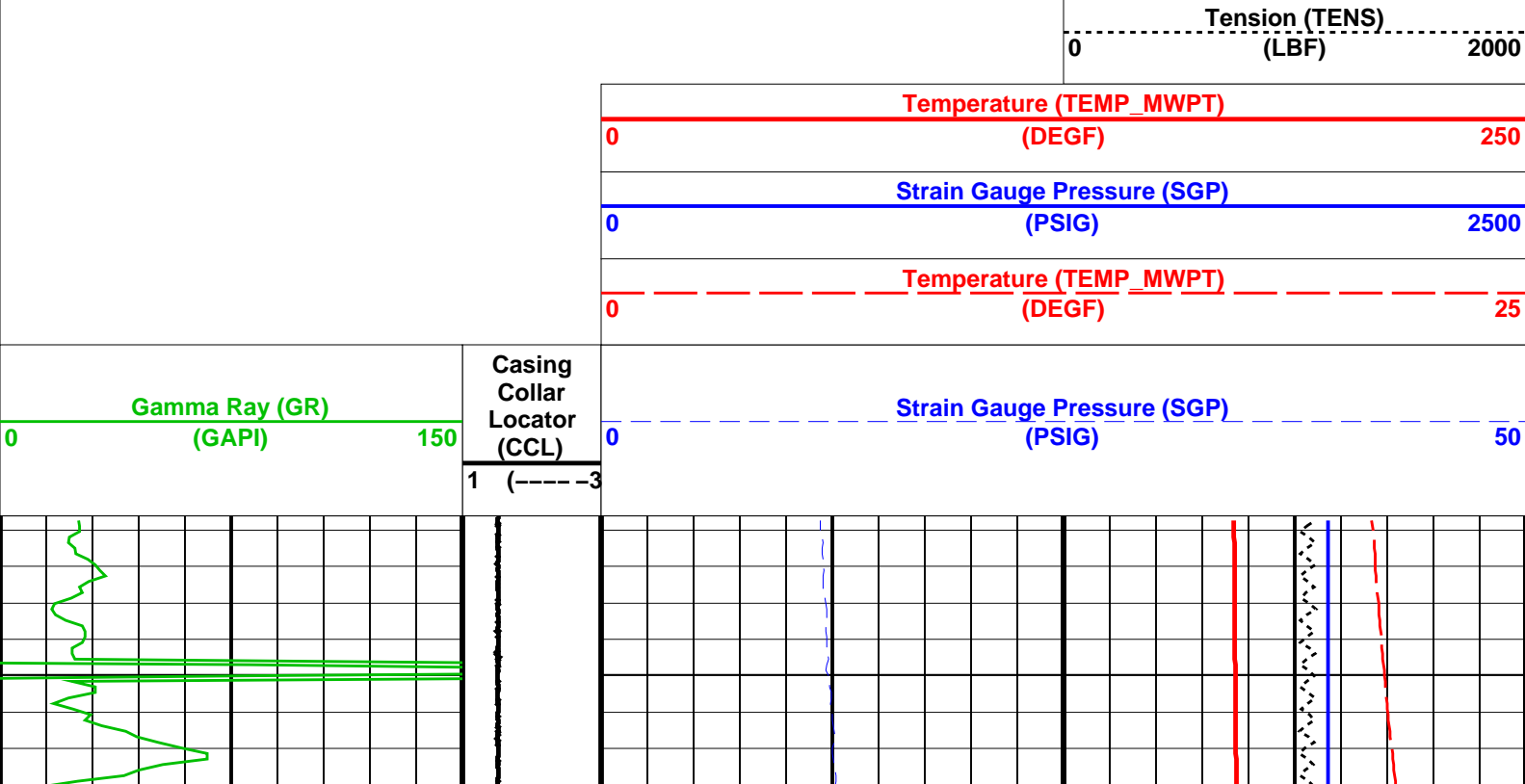
DEFAULT PERFO_010LUP FN:9 PRODUCER 07-Jan-2006 11:21 1618.9 M 1558.0 M

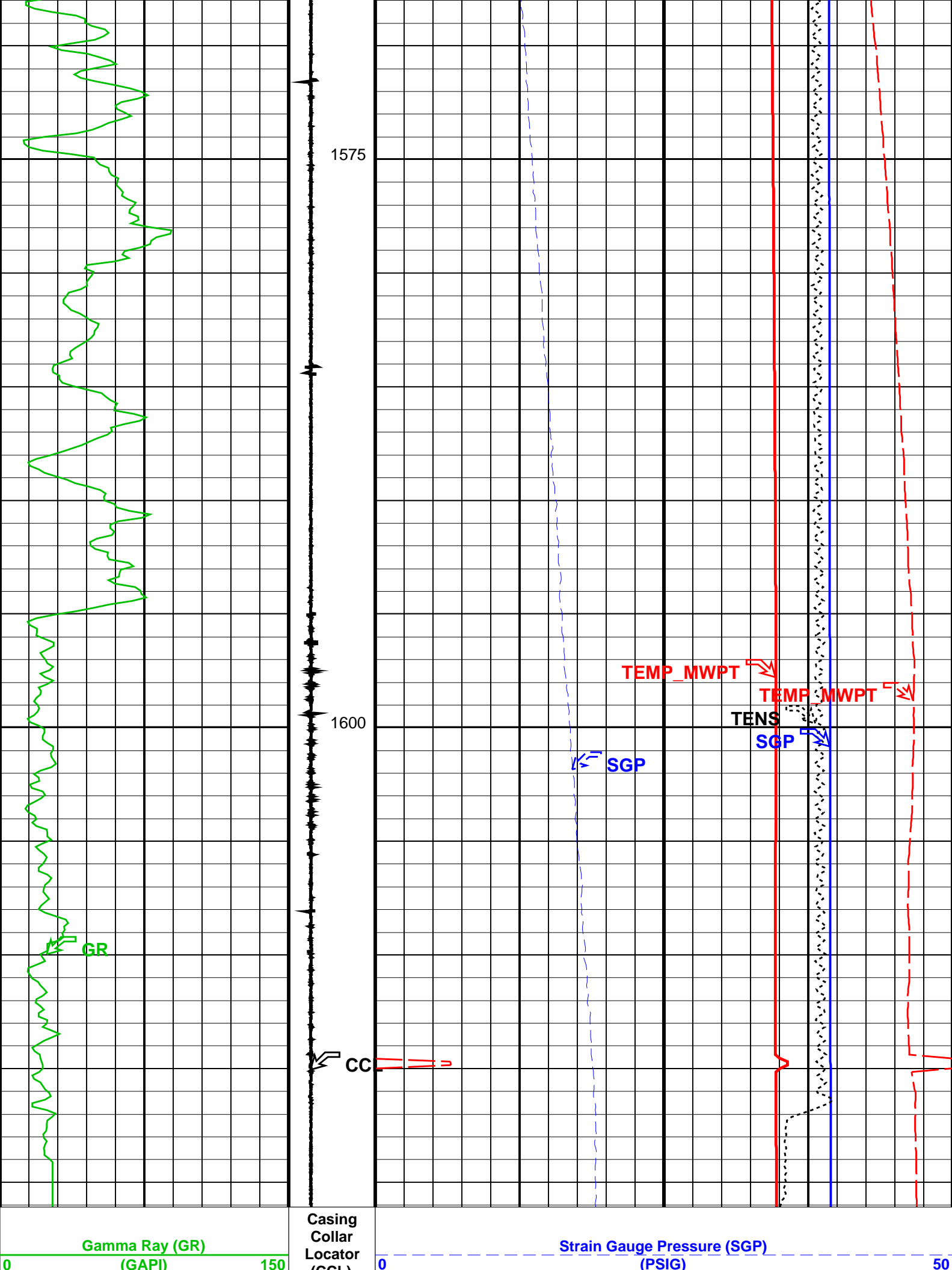
Output DLIS Files

DEFAULT PERFO_012PUP FN:11 PRODUCER 07-Jan-2006 11:40 1621.1 M 1560.6 M

OP System Version: 13C0-300
MCM

MWP_GUN SRC-2820-ASFS-WPP_1 MWPT-CA SRC-2820-ASFS-WPP_1
MWGT-AA SRC-2820-ASFS-WPP_1





	(CCL)	1 (----3
	Temperature (TEMP_MWPT) (DEGF)	
0		25
	Strain Gauge Pressure (SGP)	
0	(PSIG)	2500
	Temperature (TEMP_MWPT) (DEGF)	
0		250
	Tension (TENS) (LBF)	
0		2000

Parameters		
DLIS Name	Description	Value
MWPT-CA: MEASUREMENT WHILE PERFORATING TOOL		
DEVI_FL_CORR	Deviation Angle for Flow Line Correction	0 DEG
FLD	Flow Line Density	1 G/C3
MWPT_NULL_SOURCE	MWPT NULL Temperature Source	TEMS
MWPT_NULL_TEMP	MWPT NULL Temperature	0.0 DEGC
	System and Miscellaneous	
DO	Depth Offset for Playback	2.2 M
PP	Playback Processing	NORMAL

Format: PERFO

Vertical Scale: 1:200

Graphics File Created: 07-Jan-2006 11:40

OP System Version: 13C0-300			
	MCM		
MWP_GUN	SRC-2820-ASFS-WPP_t	MWPT-CA	SRC-2820-ASFS-WPP_t
MWGT-AA	SRC-2820-ASFS-WPP_t		

Input DLIS Files						
DEFAULT	PERFO_010LUP	FN:9	PRODUCER	07-Jan-2006 11:21	1618.9 M	1558.0 M
Output DLIS Files						
DEFAULT	PERFO_012PUP	FN:11	PRODUCER	07-Jan-2006 11:40		

Company:	ExxonMobil	Schlumberger
Well:	MLA A-2a	
Field:	Marlin	
Rig:	Crane / Prod 4	
Country:	Australia	
	Dummy Plug	
	9 5/8" MPBT Plug	
	Dump Bailer Record	