

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 _____

PVT DATA

Oil Density	Run 1	Run 2	Run 3
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 _____ **Time** _____

Unit Number _____ **Location** _____

Recorded By Paul Tarrant & Owen Darby

Witnessed By Greg Rimmer

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 <hr/> 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
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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			RUN 2		
PROGRAM VERSION:		AUSL05148534	PROGRAM VERSION:		
FLUID LEVEL:		13C0-300	FLUID LEVEL:		
LOGGED INTERVAL	START	STOP	LOGGED INTERVAL	START	STOP

EQUIPMENT DESCRIPTION

RUN 1		RUN 2	
SURFACE EQUIPMENT		SURFACE EQUIPMENT	
MPBM 47		WITM (SHM)	

RUN 1			RUN 2		
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	AH-SWBS AH-SWBS 762		14.47
CCL-L CCL-L 4191		9.64	MH-SWHS		13.77
MPSU-CA MPSU-CA 1011		9.18	CCL-L CCL-L 4191		13.44
			AH-DB-TT AH-DB-TT		12.98

CCL
Tachomete
Cable Cur
Head Volt
Tension

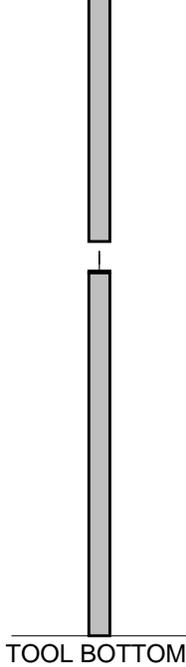
TOOL ZERO

Tension CCL

TOOL ZERO

MPEX-EA_S
MPEX-EA_S

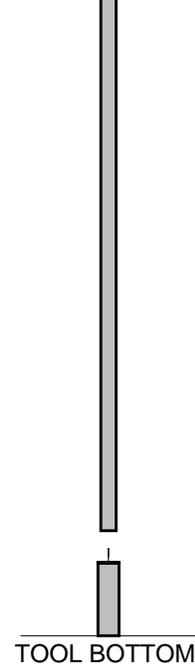
2.77



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

SHM_GUN
GUN

0.79



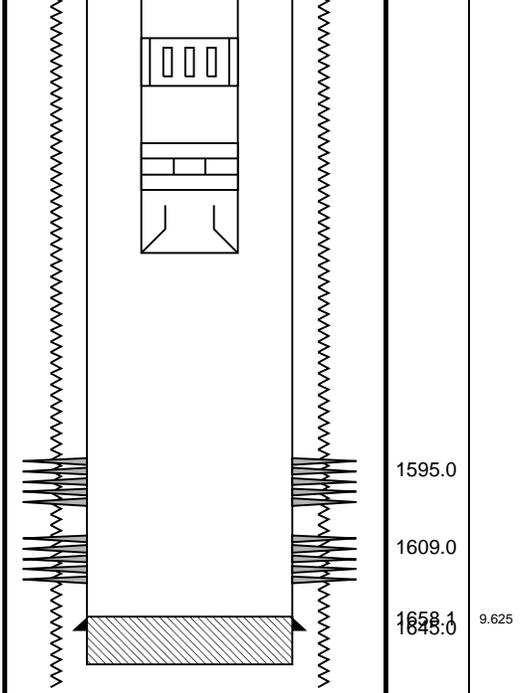
MAXIMUM STRING DIAMETER 2.13 IN
MEASUREMENTS RELATIVE TO TOOL ZERO
ALL LENGTHS IN METERS

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 Borehole Segment	
					642.6	12.500			

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



1595.0 Perforation Zone
 1609.0 Perforation Zone
 1645.0 Casing Shoe
 1658.1
 9.625



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

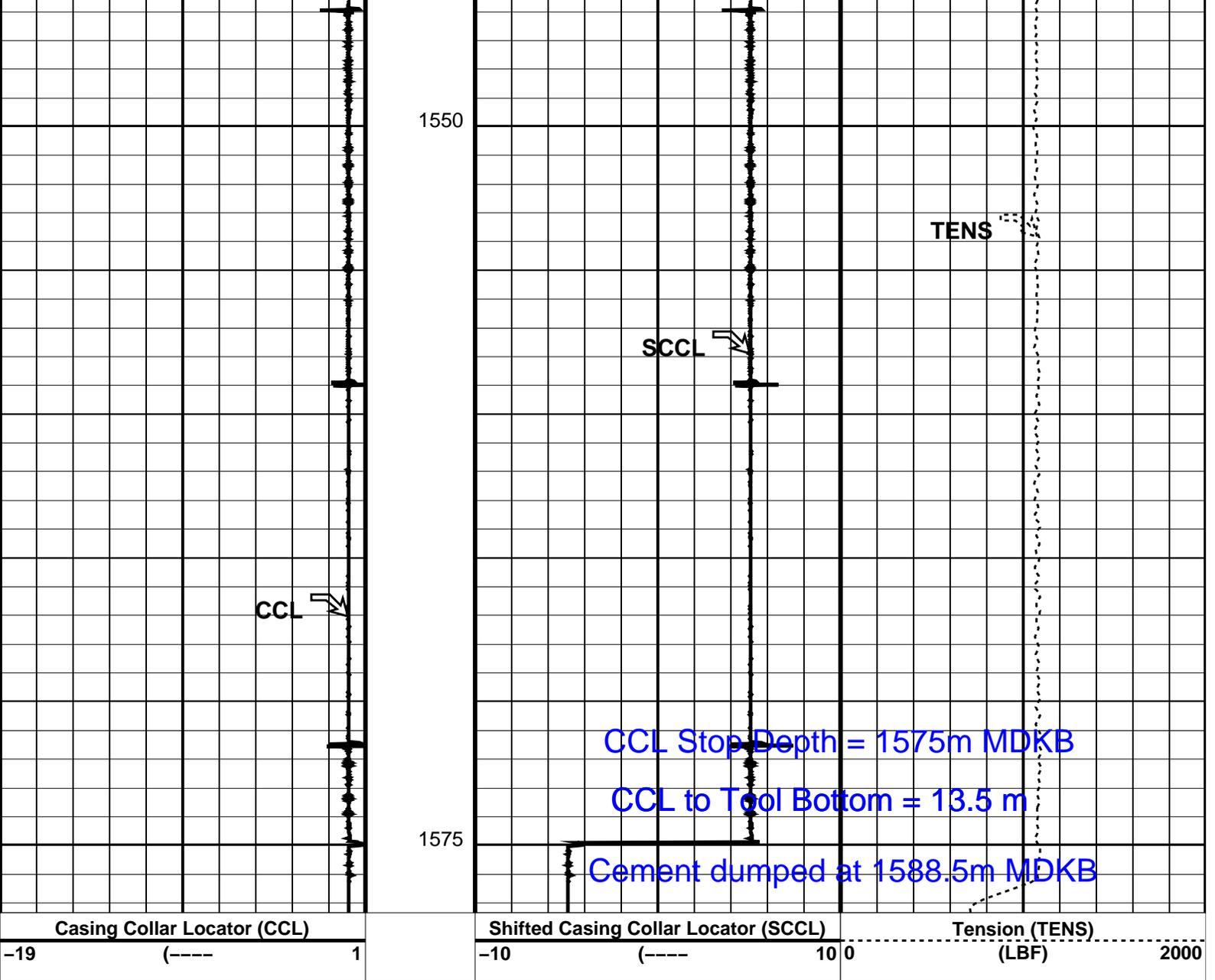
Output DLIS Files

DEFAULT PERFO_030PUP FN:29 PRODUCER 07-Jan-2006 21:17 1577.3 M 1544.6 M

OP System Version: 13C0-300
 MCM

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

Casing Collar Locator (CCL)		Shifted Casing Collar Locator (SCCL)		Tension (TENS)	
-19	(----	-10	(----	(LBF)	2000
1		0			



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	-0.5 M
PP	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

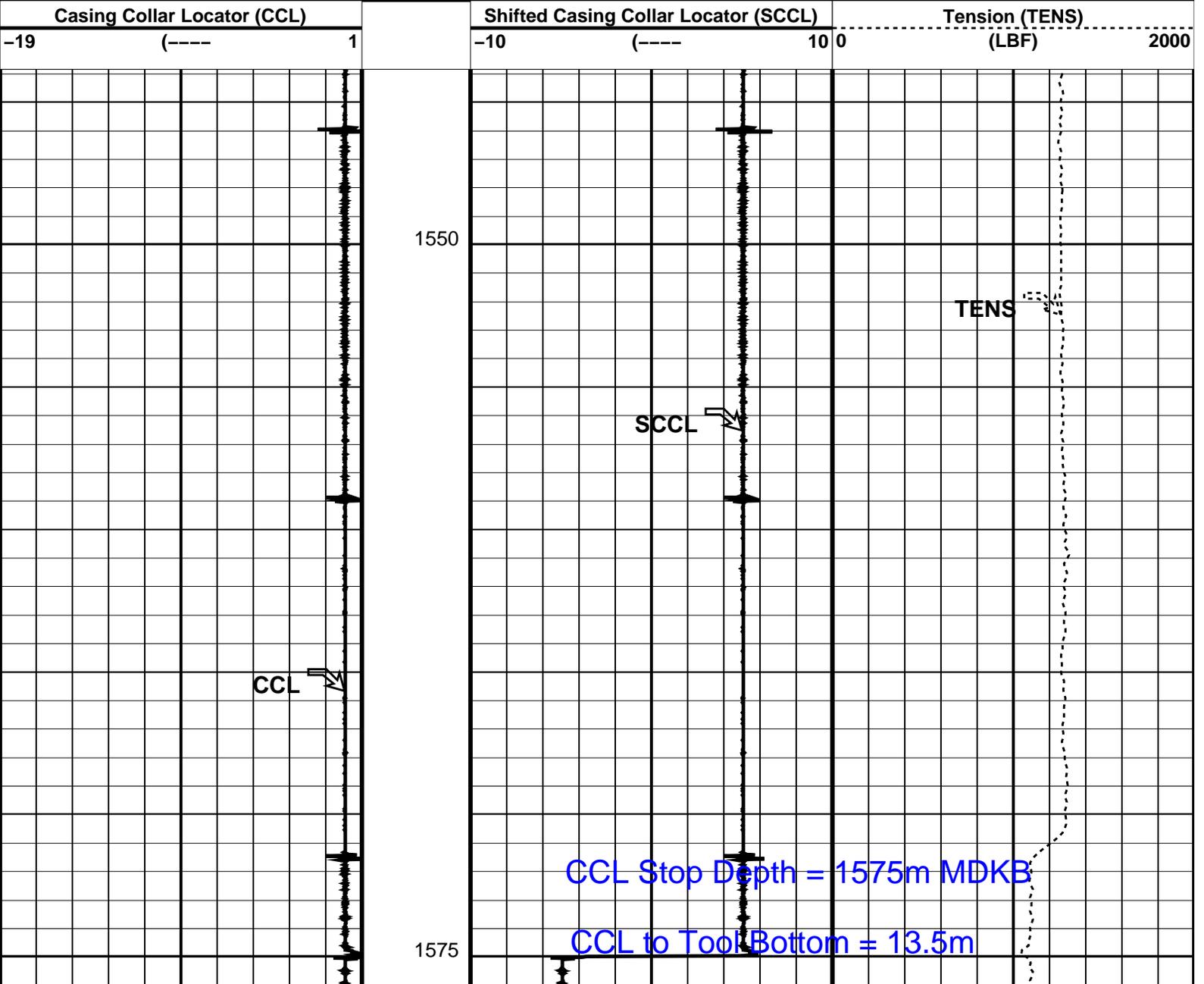
Output DLIS Files

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



Cement dumped at 1588.5m MDKB

Casing Collar Locator (CCL)			Shifted Casing Collar Locator (SCCL)			Tension (TENS)		
-19	(----	1	-10	(----	10 0	(LBF)		2000

Parameters

DLIS Name	Description	Value
CCL-L	Casing Collar Locator	
CCLD	CCL reset delay	12 IN
CCLT	CCL Detection Level	0.3 V
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 20:19

OP System Version: 13C0-300

MCM

SHM_GUN	SRC-2820-ASFS-WPP_t	CCL-L	13C0-300
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Input DLIS Files

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

DEFAULT	PERFO_027PUP	FN:26	PRODUCER	07-Jan-2006 20:19		
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2 1/8" Dump Bailer
Run 1 - Water

MAXIS Field Log

Company: ExxonMobil Well: TNA A-12

Input DLIS Files

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

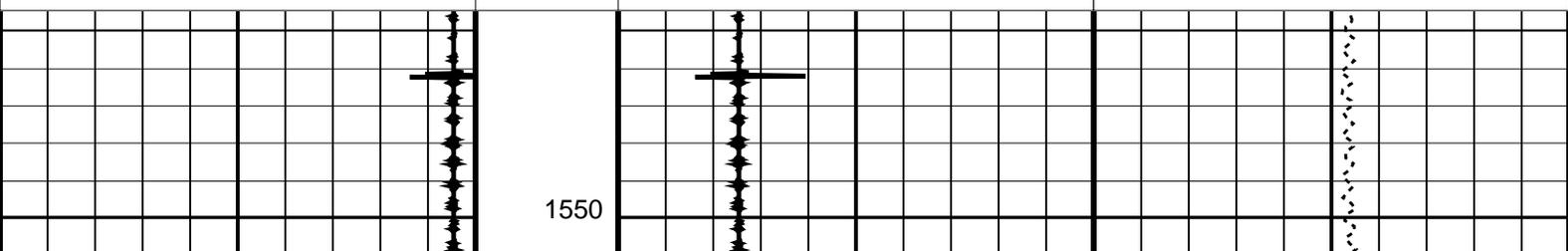
DEFAULT	PERFO_024PUP	FN:23	PRODUCER	07-Jan-2006 19:29	1585.1 M	1544.4 M
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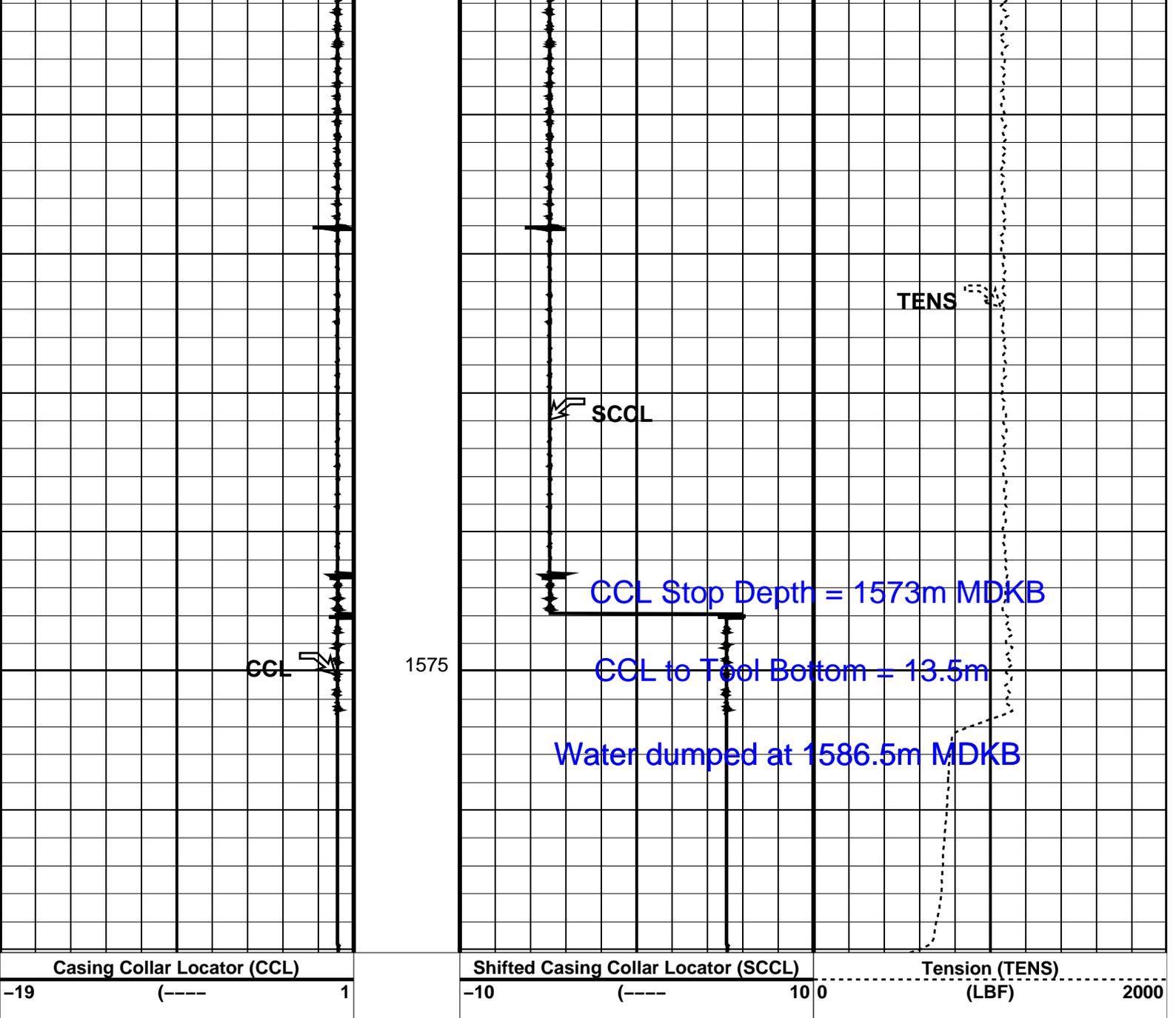
OP System Version: 13C0-300

MCM

SHM_GUN	SRC-2820-ASFS-WPP_t	CCL-L	13C0-300
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Casing Collar Locator (CCL)			Shifted Casing Collar Locator (SCCL)			Tension (TENS)		
-19	(----	1	-10	(----	10 0	(LBF)		2000





Parameters		
DLIS Name	Description	Value
CCL-L	Casing Collar Locator	
CCLD	CCL reset delay	12 IN
CCLT	CCL Detection Level	0.3 V
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		



9 5/8" MPBT Plug
Setting Pass

MAXIS Field Log

Output DLIS Files

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

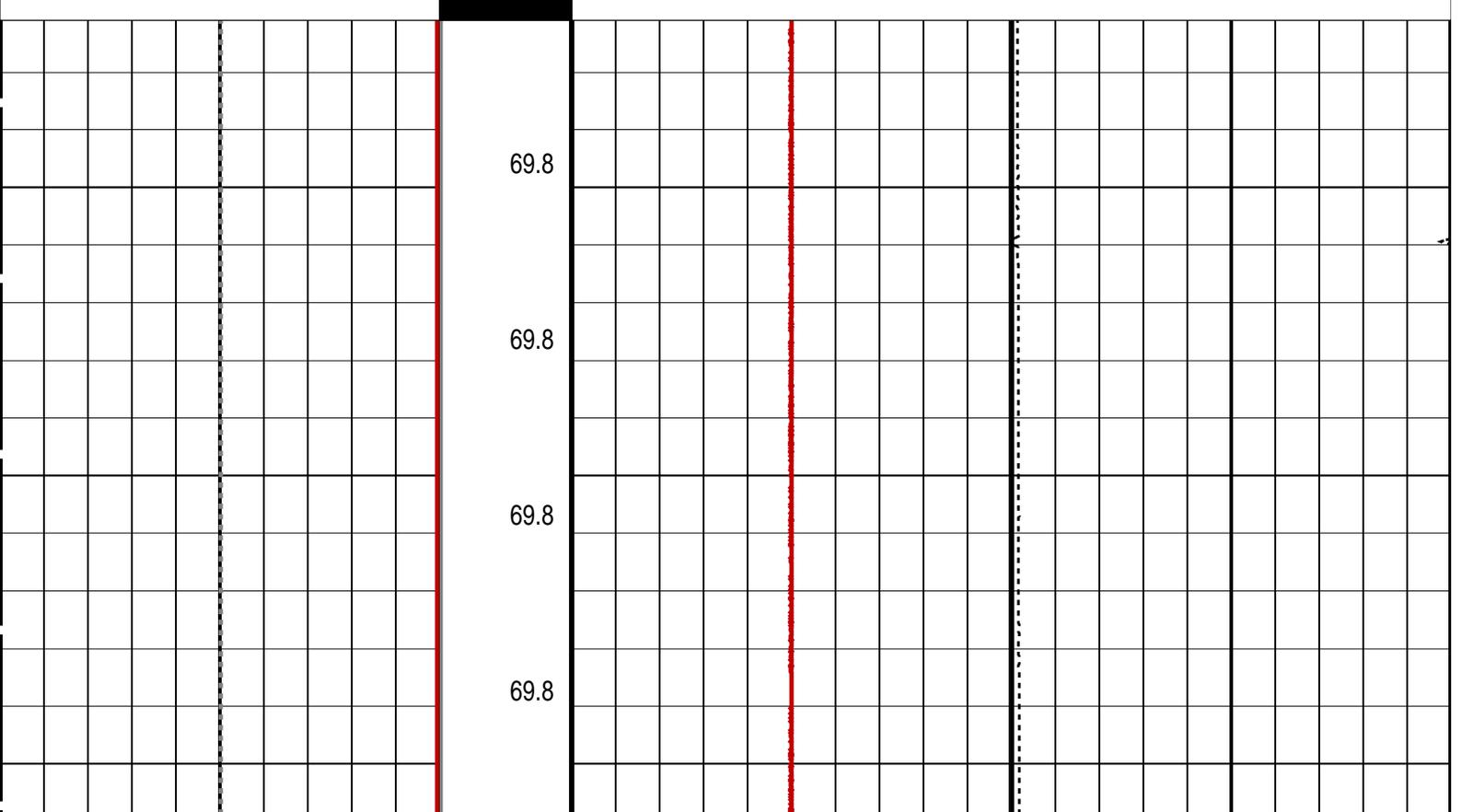
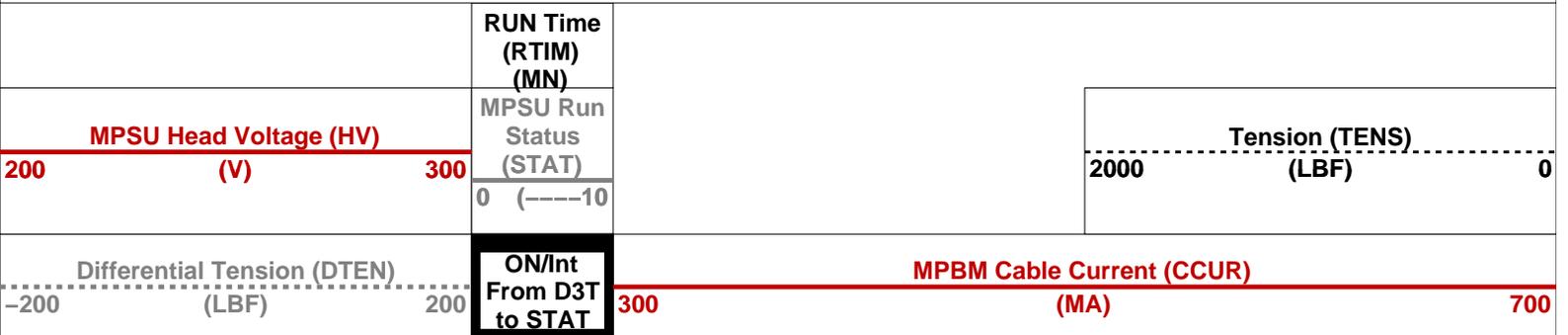
OP System Version: 13C0-300
MCM

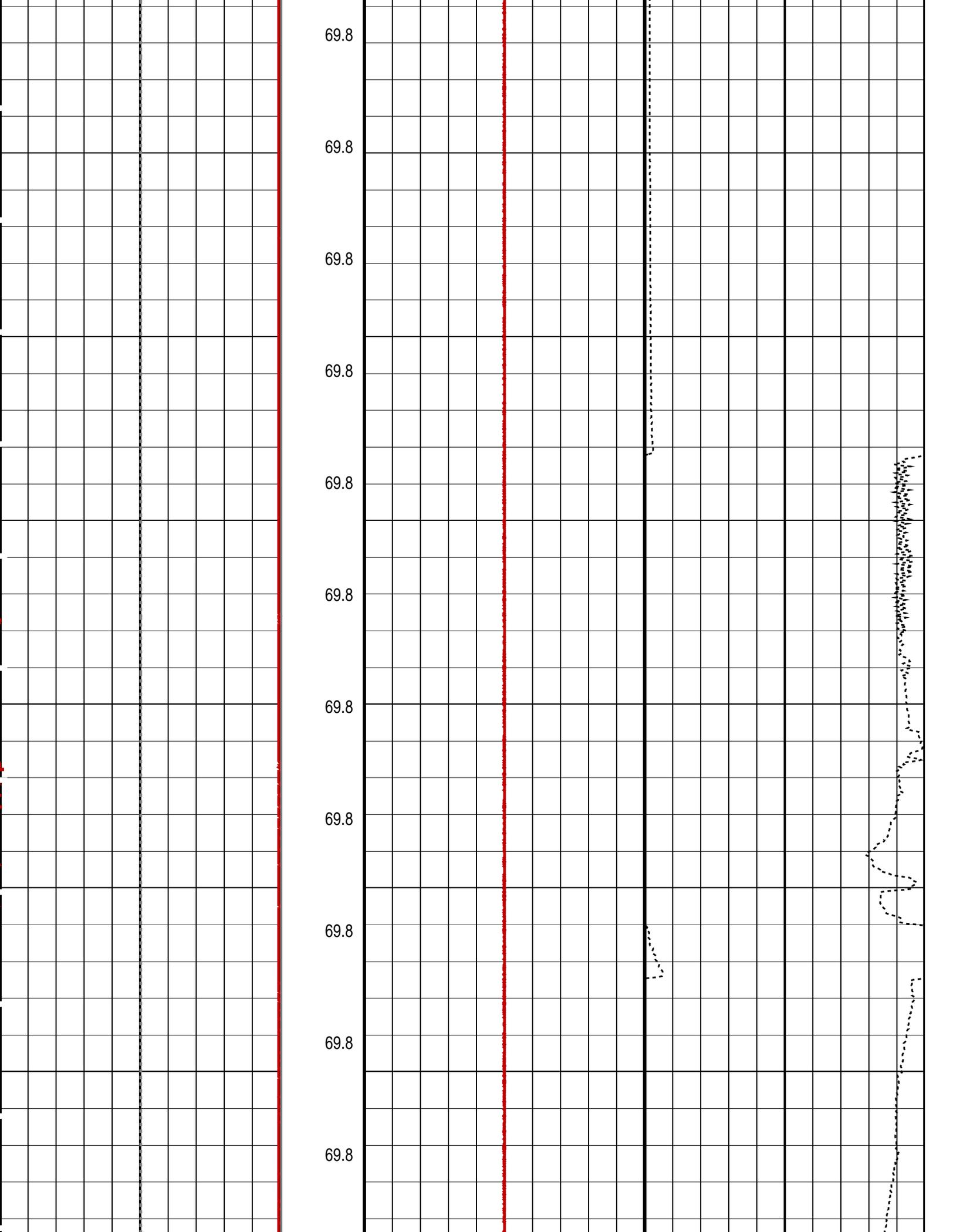
MPEX-EA_L SRC-2820-ASFS-WPP_t MPSU-CA SRC-2820-ASFS-WPP_t
CCL-L 13C0-300

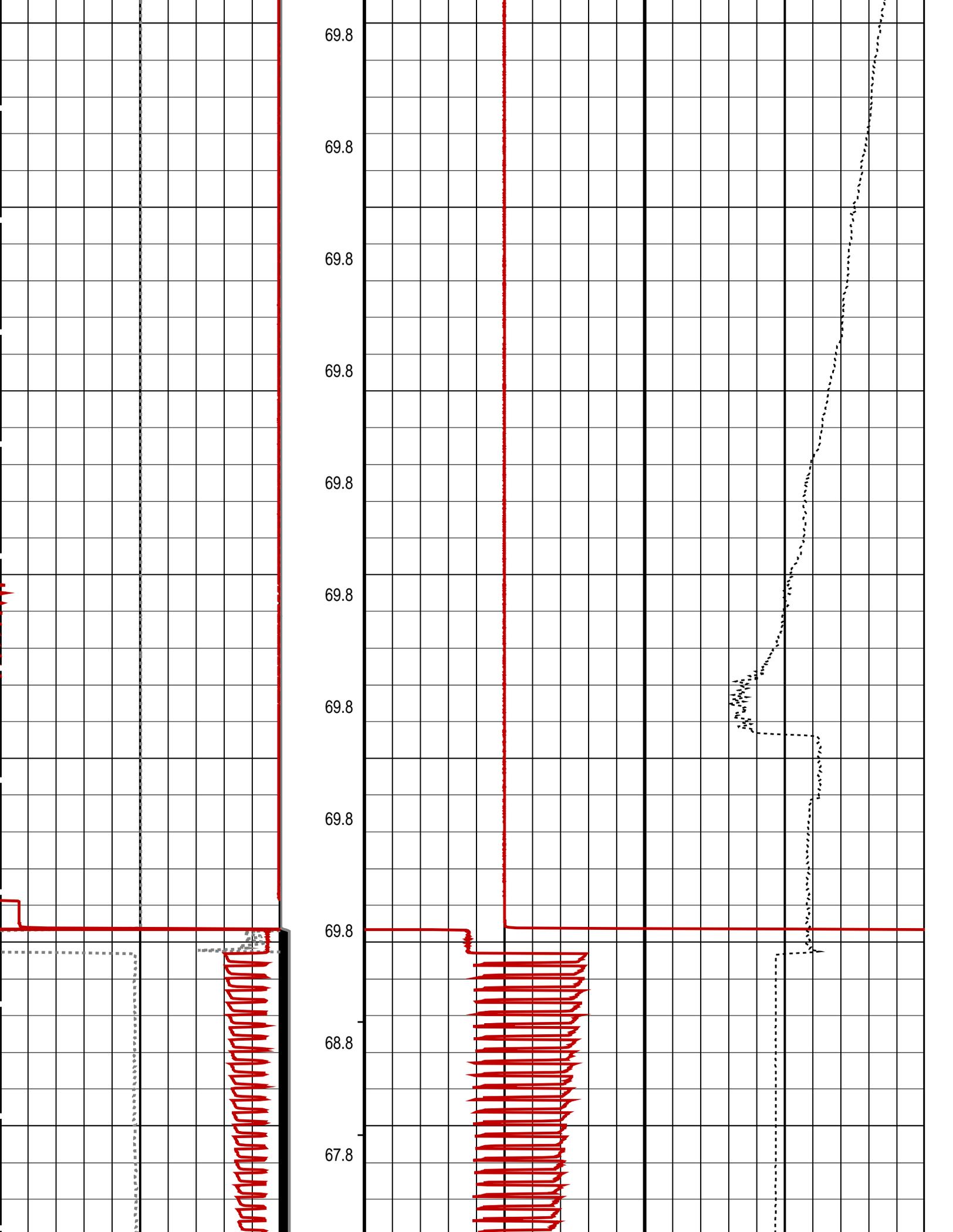
PIP SUMMARY

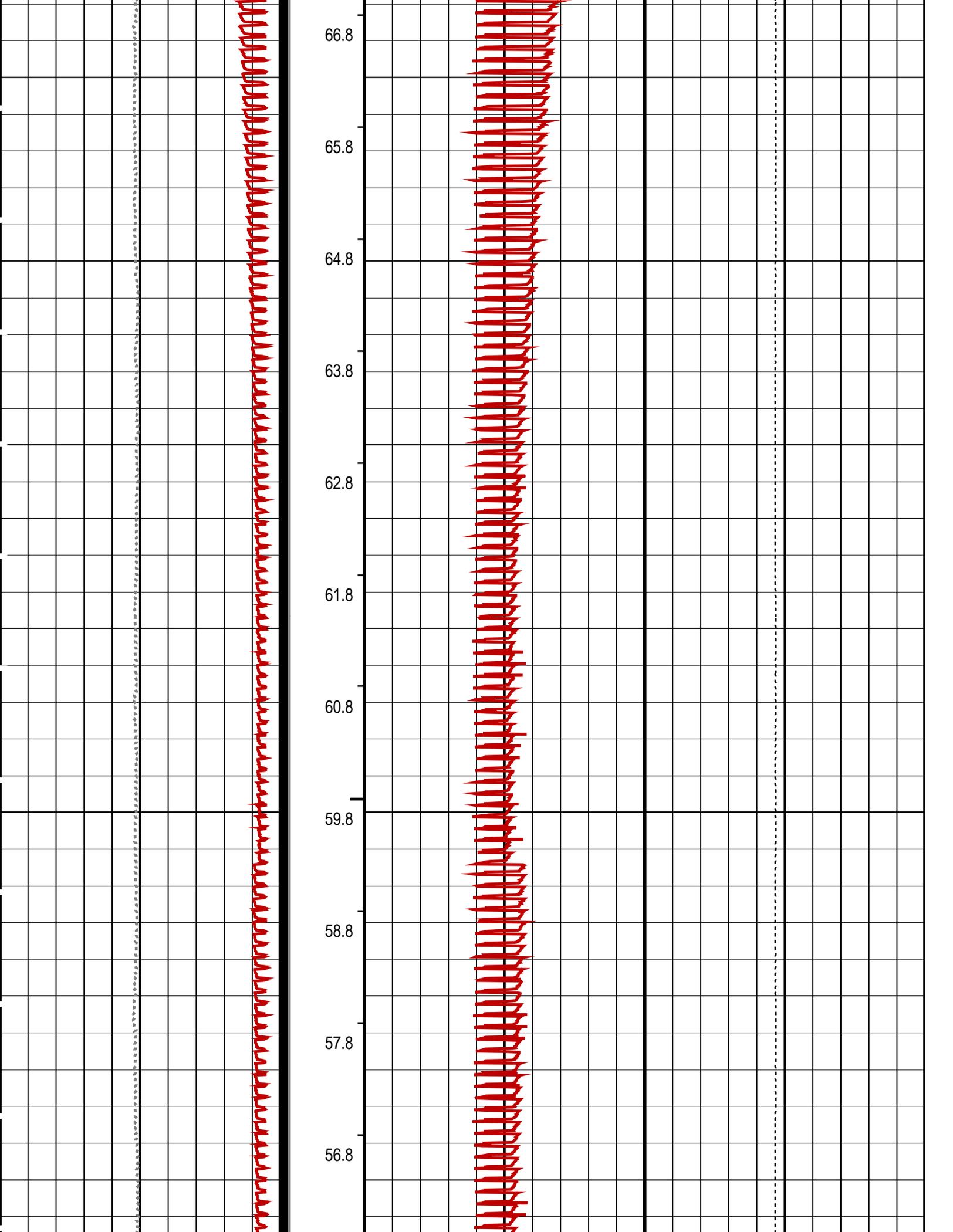
- ┆ MPSU Run Time Every 1 MN
- ┆ MPSU Run Time Every 10 MN

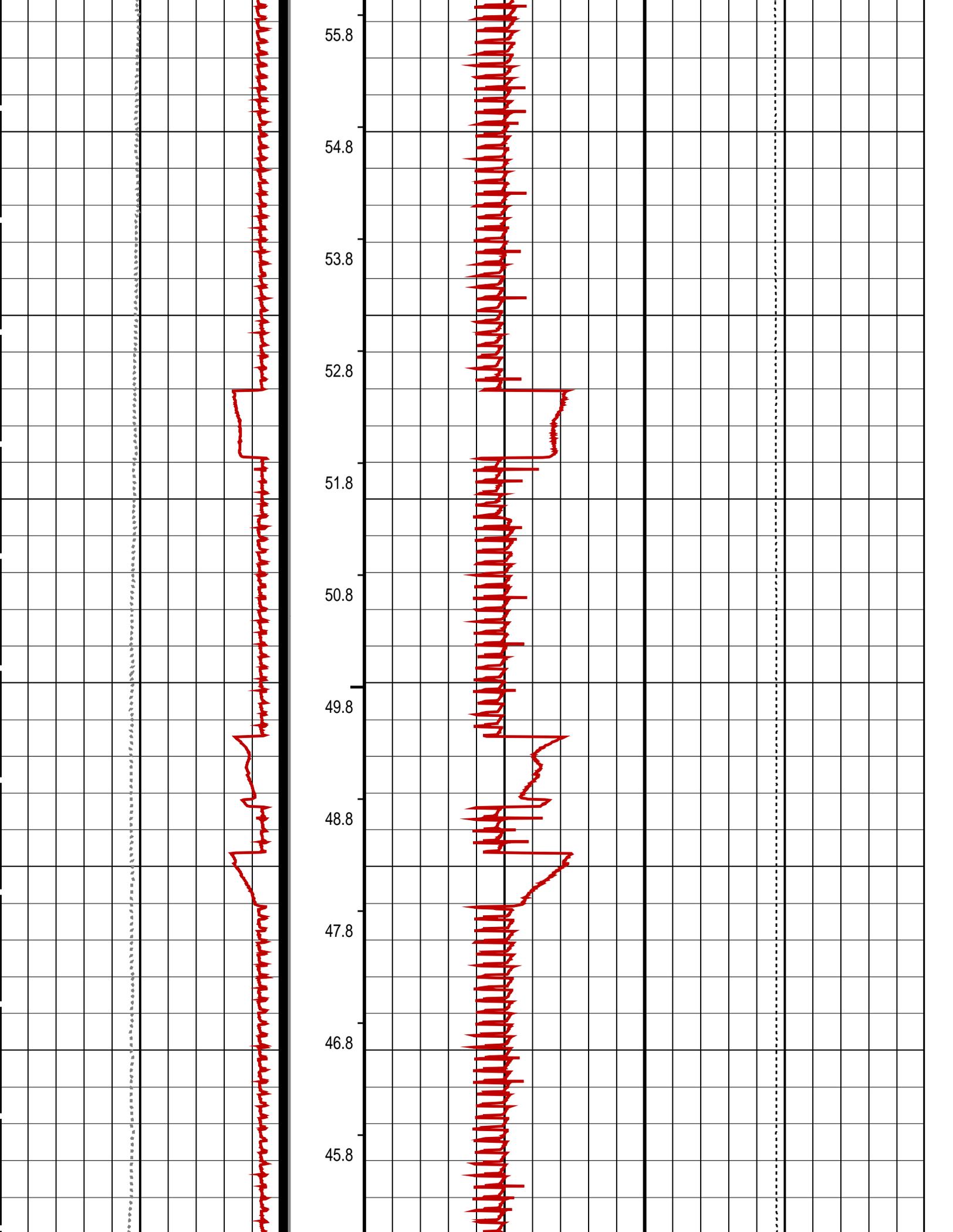
Time Mark Every 60 S

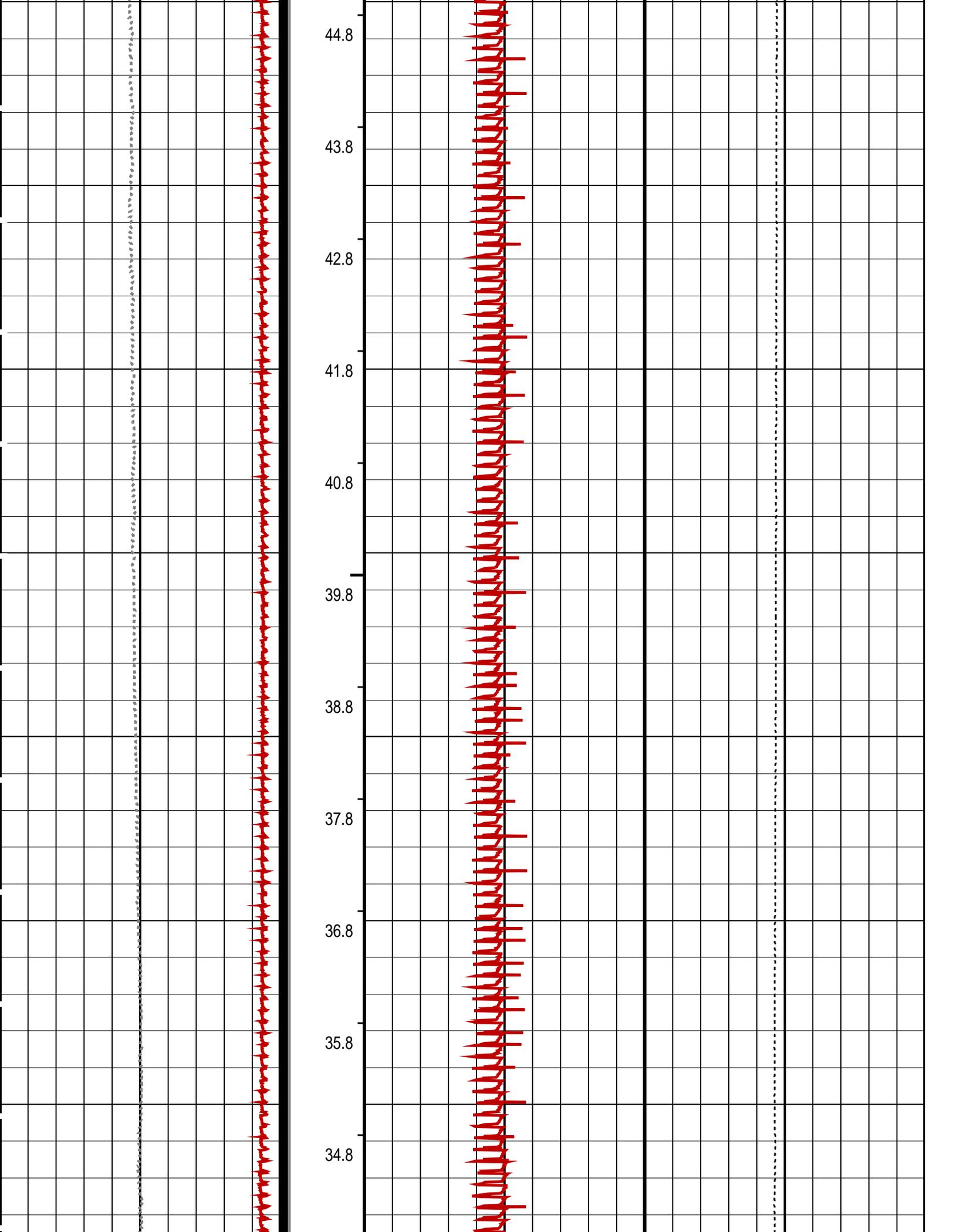


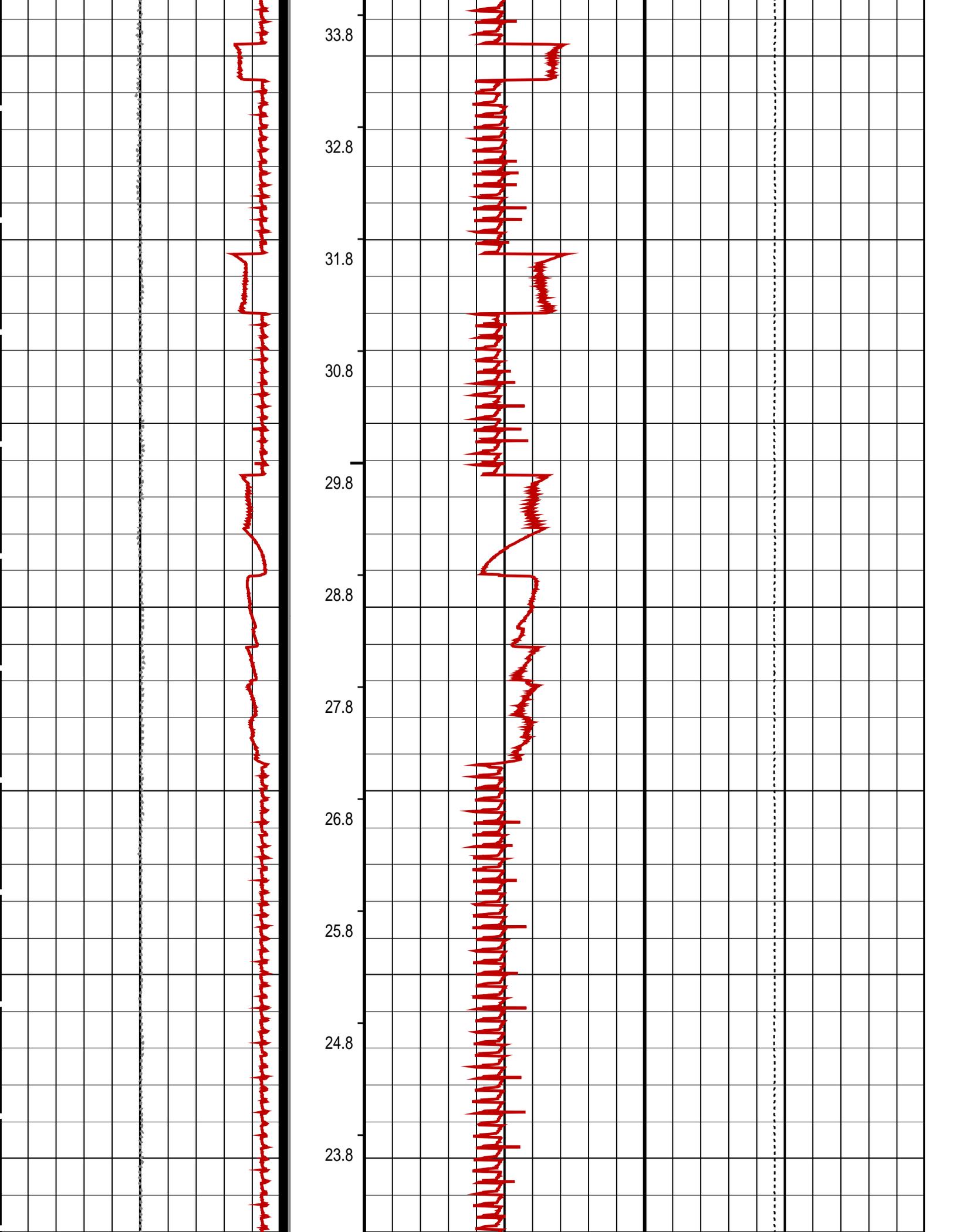


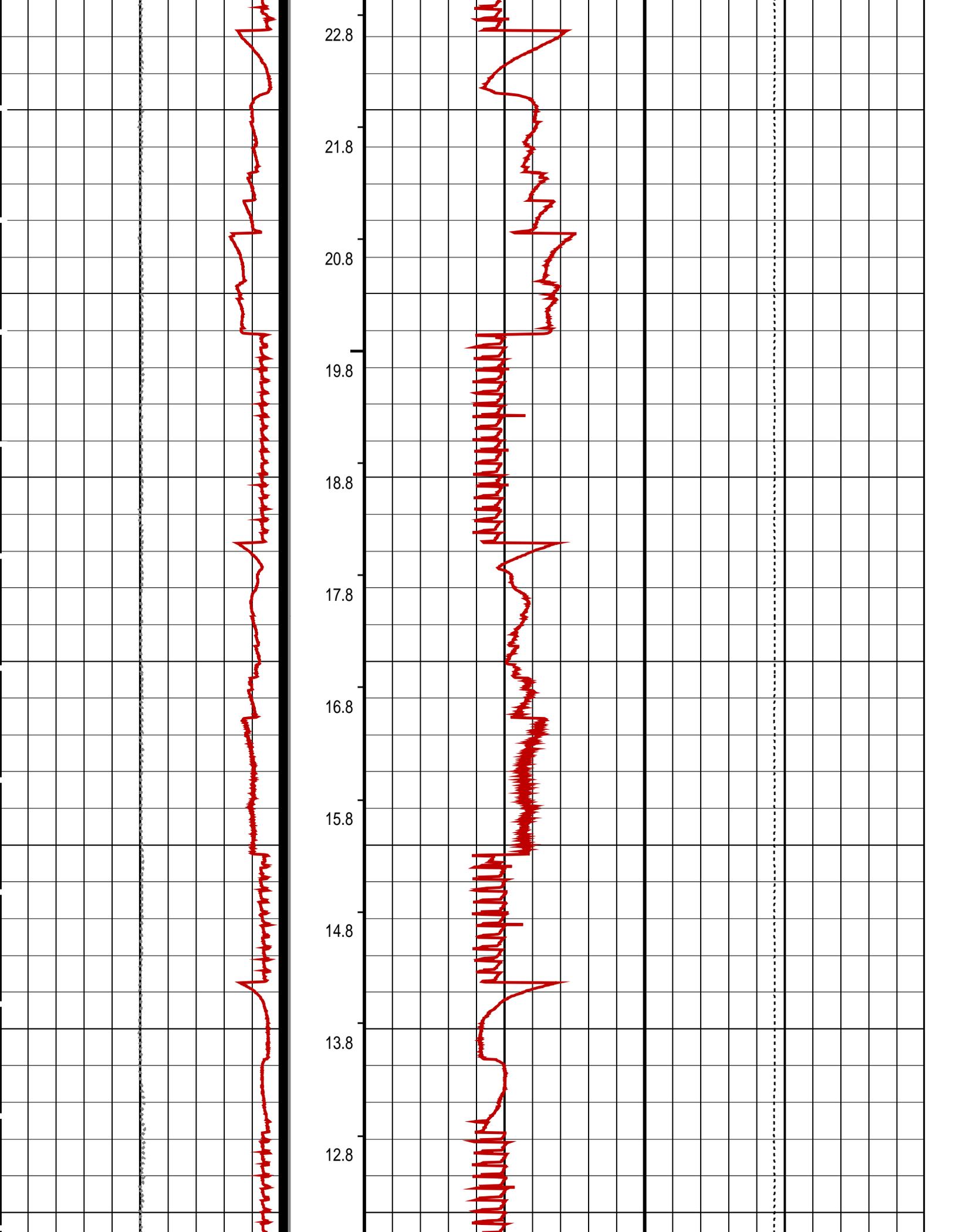


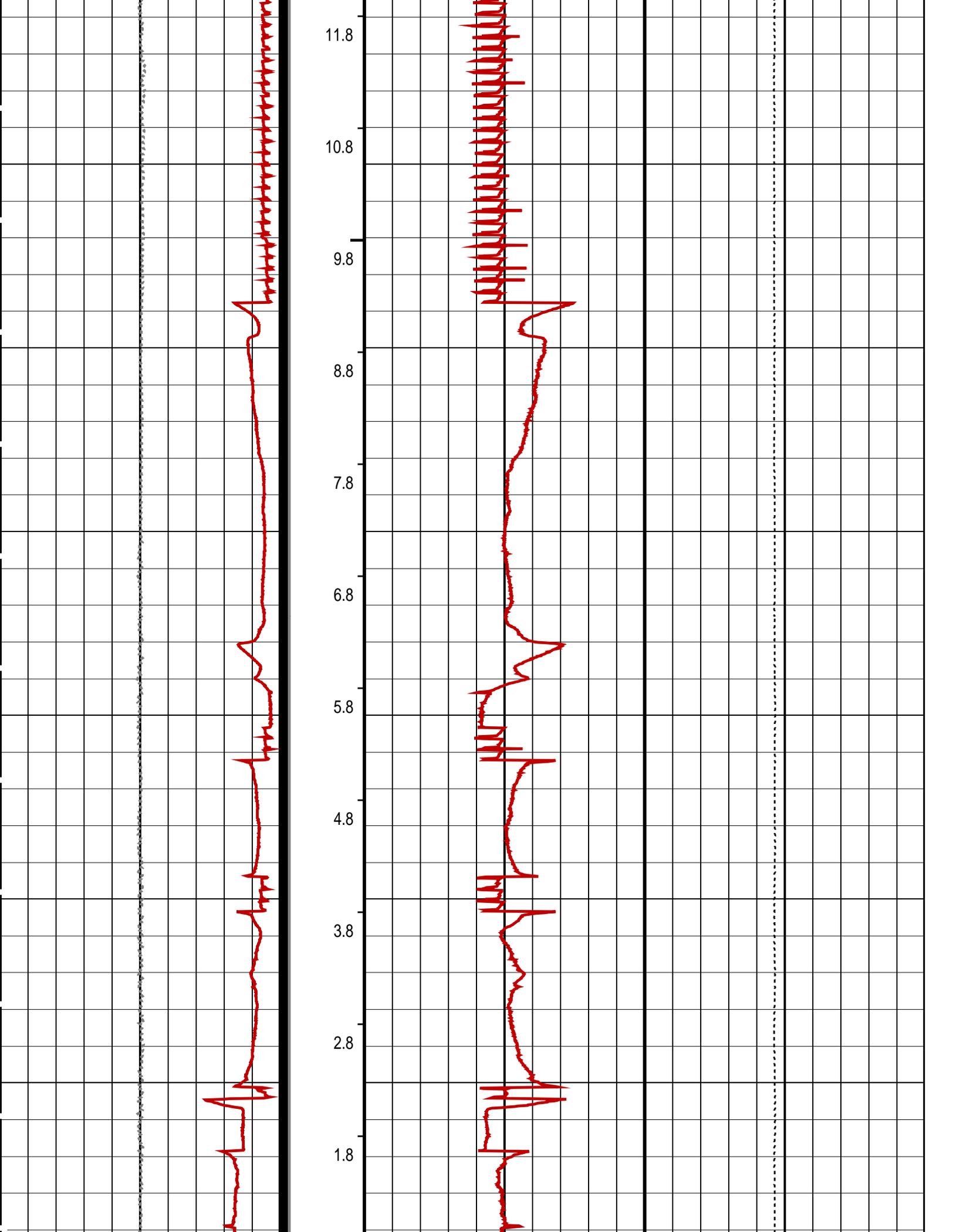


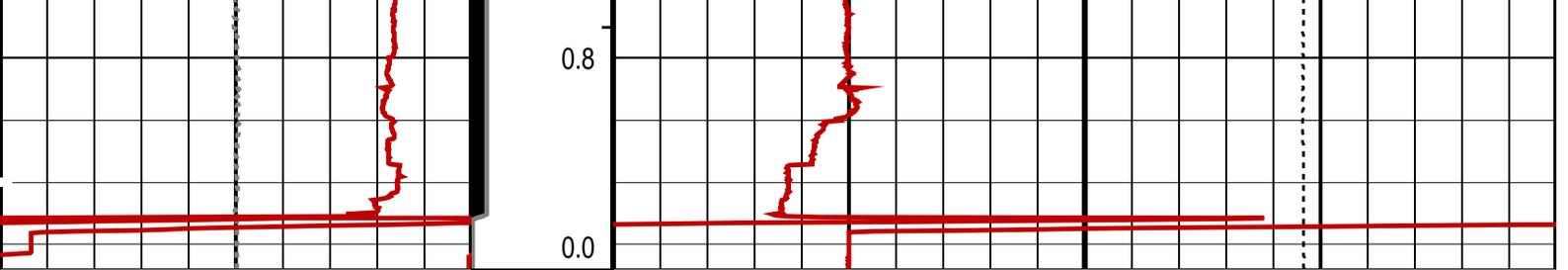












Differential Tension (DTEN) (LBF)	ON/Int From D3T to STAT	MPBM Cable Current (CCUR) (MA)
-200 200		300 700
MPSU Head Voltage (HV) (V)	MPSU Run Status (STAT)	Tension (TENS) (LBF)
200 300	0 (----10)	2000 0
	RUN Time (RTIM) (MN)	

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_1 13C0-300	MPSU-CA	SRC-2820-ASFS-WPP_1
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Output DLIS Files

DEFAULT	CCL_018LUP	FN:17	PRODUCER	07-Jan-2006 16:21
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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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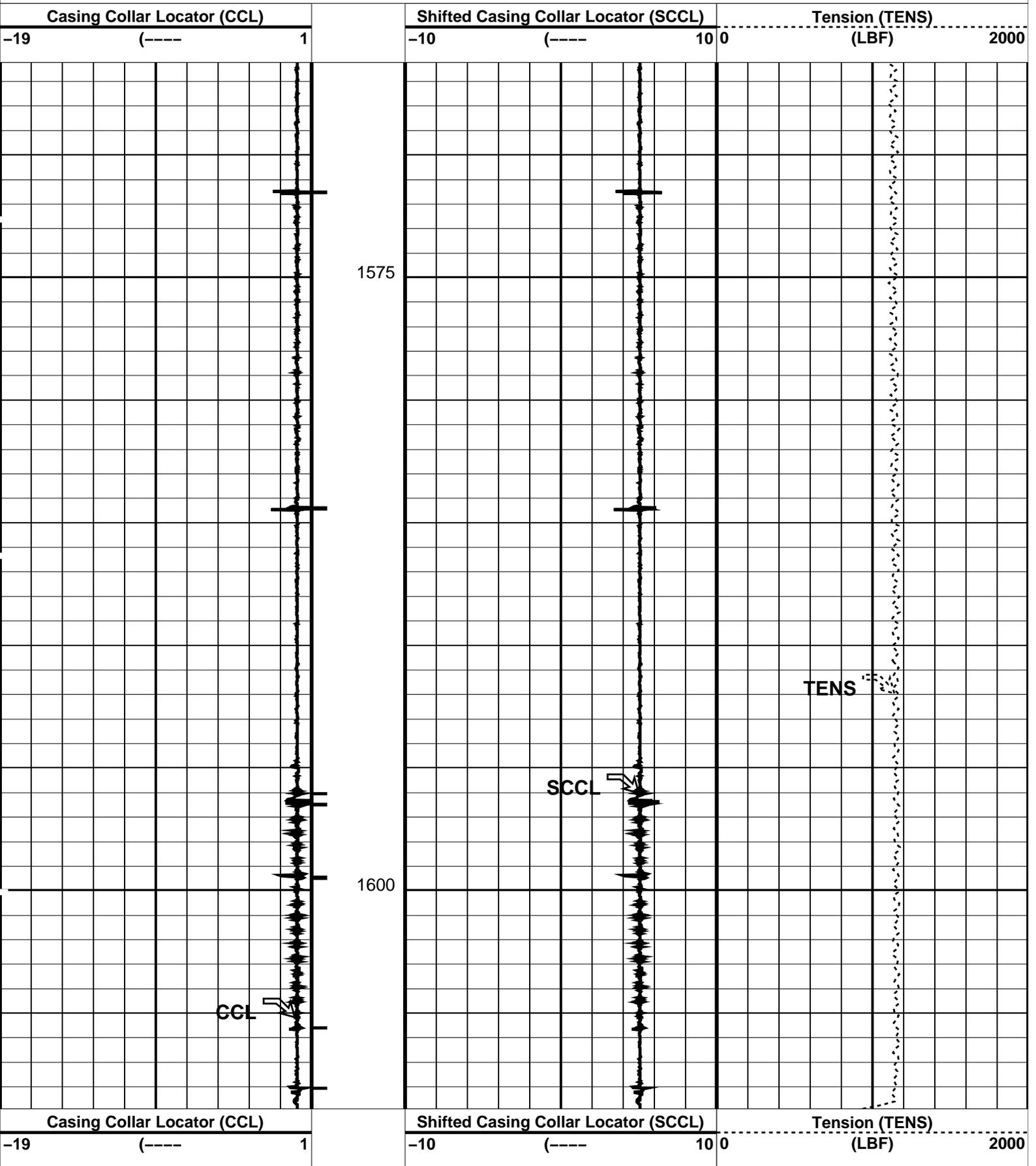
OP System Version: 13C0-300
MCM

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

- ┆ Casing Collars

Time Mark Every 60 S



PIP SUMMARY

└─ Casing Collars

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value
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CCL-L: Casing Collar Locator

OP System Version: 13C0-300

MCM

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

Output DLIS Files

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



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

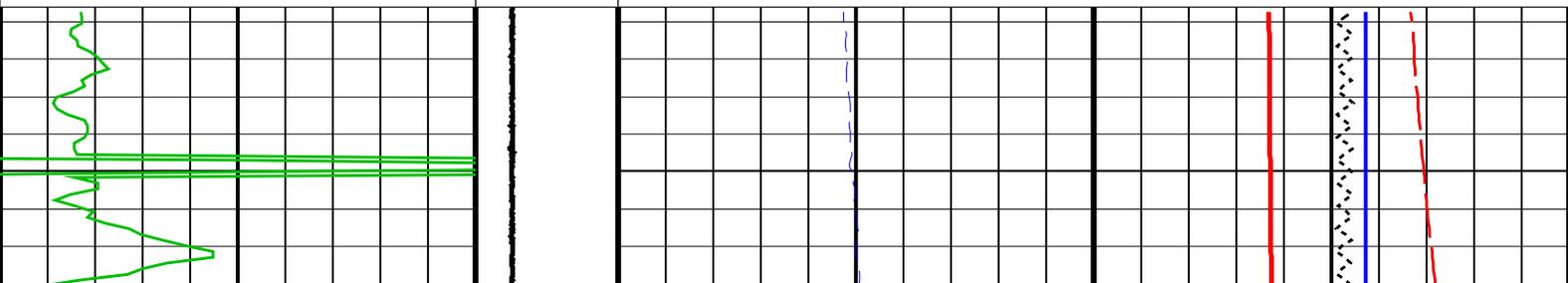
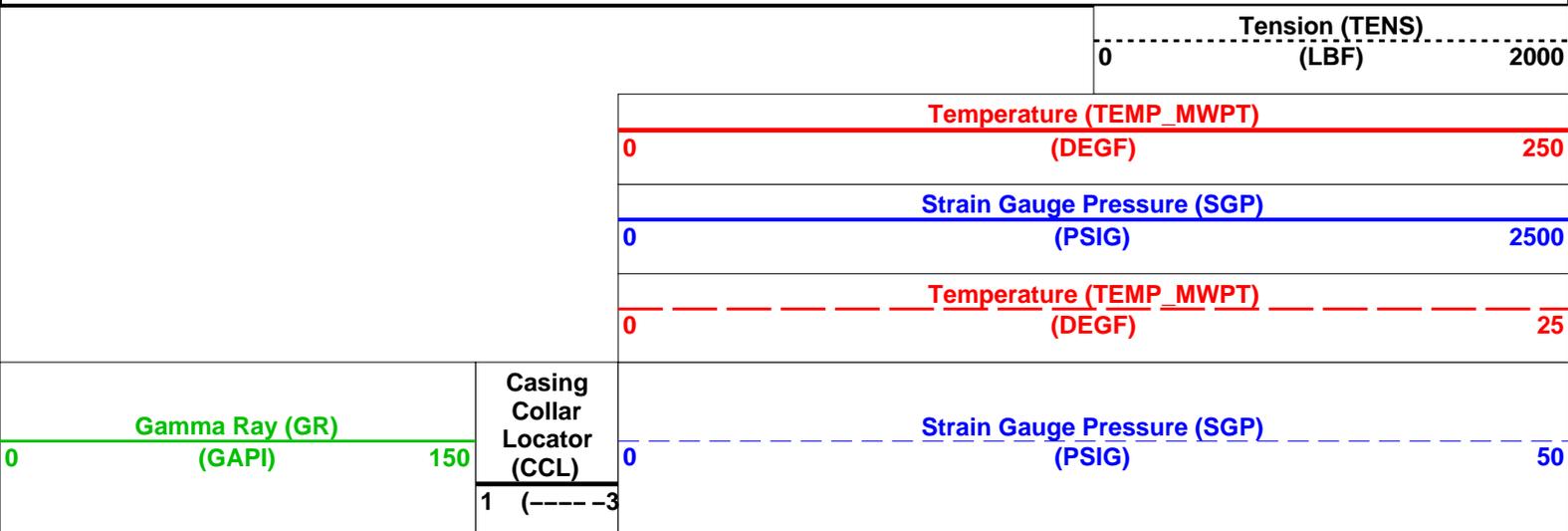
Output DLIS Files

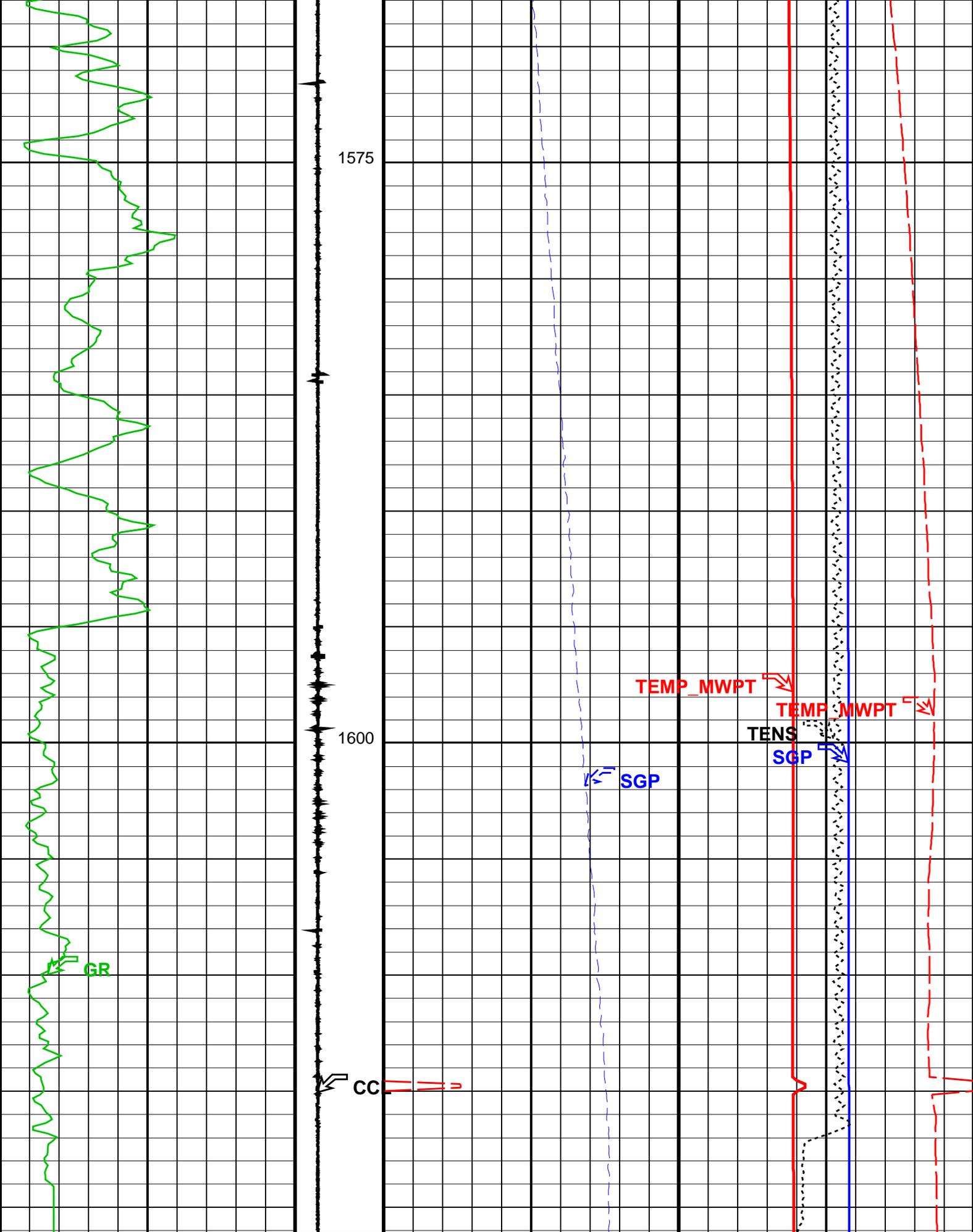
DEFAULT PERFO_012PUP FN:11 PRODUCER 07-Jan-2006 11:40 1621.1 M 1560.6 M

OP System Version: 13C0-300

MCM

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





Gamma Ray (GR)
(GAPI) 0 150

Casing Collar Locator (CCL)

Strain Gauge Pressure (SGP) (PSIG) 0 50

(CCL)
1 (-----3

Temperature (TEMP_MWPT)
(DEGF) 0 25

Strain Gauge Pressure (SGP)
(PSIG) 0 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
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Output DLIS Files

DEFAULT	PERFO_012PUP	FN:11	PRODUCER	07-Jan-2006 11:40
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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