

[illegible]

Company: ExxonMobil

Well: FLA A-25a

Field: Flounder

Rig: Prod 4

Country: Australia

7 5/8" MPBT Plug
Setting Record
Scale 1:200

Rig: Prod 4
Field: Flounder
Location: Gippsland Basin
Well: FLA A-25a
Company: ExxonMobil

Gippsland Basin
Bass Strait

Elev.: K.B. 40.8 m
G.L. -94 m
D.F. 40.8 m

Permanent Datum: _____ Mean Sea Level _____ Elev.: 0.0 m _____
Log Measured From: _____ Kelly Bushing _____ -40.8 m above Perm. Datum
Drilling Measured From: _____ Kelly Bushing _____

State: Victoria
Max. Well Deviation 55 deg
Longitude 625 739 mE
Latitude 5 758 525 mN

Logging Date 19-Nov-2005

Run Number 2-4

Depth Driller 3576 m

Schlumberger Depth 3565.6 m

Bottom Log Interval 3565.6 m

Top Log Interval 3505 m

Casing Fluid Type Production Fluids

Salinity

Density

Fluid Level

BIT/CASING/TUBING STRING

Bit Size 8.500 in

From

To

Casing/Tubing Size 7.625 in

Weight 29.7 lbm/ft

Grade L-80

From 19.56 m

To 3576 m

Maximum Recorded Temperatures 110 degC

Logger On Bottom 19-Nov-2005 14:00

Unit Number 1 Location VEA

Recorded By Paul Tarrant, Joel Hogan

Witnessed By Barrie White

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 55 deg

CEMENTING DATA

Primary/Squeeze

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

Recorded By

Witnessed By

DEPTH SUMMARY LISTING

Date Created: 19-NOV-2005 8:54:20

Depth System Equipment

Depth Measuring Device		Tension Device		Logging Cable	
Type:	IDW-H	Type:	CMTD-C	Type:	2-32ZT
Serial Number:	797	Serial Number:	1037	Serial Number:	22372
Calibration Date:	01-May-2005	Calibration Date:	22-Sep-2005	Length:	4799.99 M
Calibrator Serial Number:	1009	Calibrator Serial Number:	57144	Conveyance Method: Wireline Rig Type: Offshore_Fixed	
Calibration Cable Type:	2-32ZT	Calibration Gain:	1.295		
Wheel Correction 1:	-3	Calibration Offset:	777.00		
Wheel Correction 2:	2				

Depth Control Parameters

Log Sequence:	Subsequent Trip To the Well
Reference Log Name:	Solar Log
Reference Log Run Number:	1
Reference Log Date:	27-Jan-2002

Depth Control Remarks

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

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:

REMARKS: RUN NUMBER 1

Log correlated to Solar log dated 27 Jan 2002, provided by the client.

Objective:

To set the top seal of the MPBT Plug at 3562m MDKB.

RIH with 1 run of water, followed by 1 run of cement giving

1.0m of cement on top of plug.

CCL to Bottom of tool = 6.6m

Tool bottom to top of seal = 0.6m

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

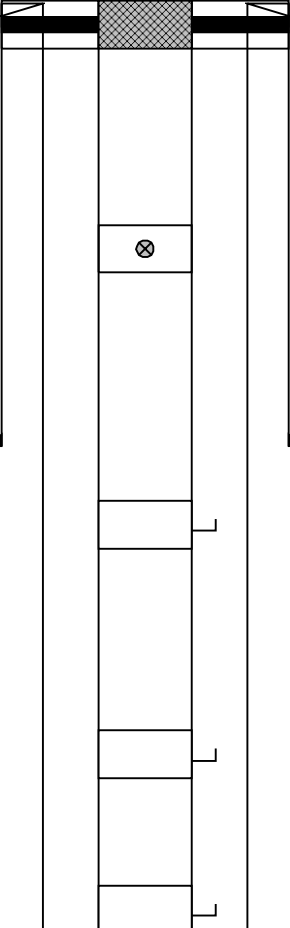
Client: ExxonMobil
Well: Flounder
FLA A-25a

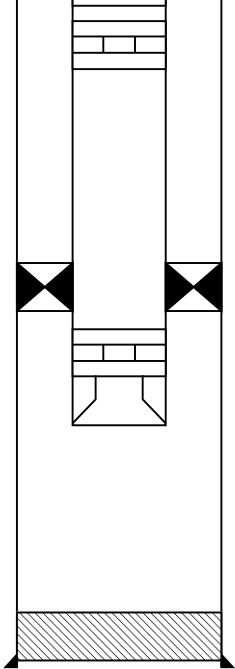
Field:

State: Victoria

Country: Australia

Rig Name: Flounder
Reference Datum: Kelly Bushing
Elevation: 40.8 m

Production String	(in)		(m)	Well Schematic	(m)		(in)	Casing String
	OD	ID	MD		MD	OD	ID	
Tubing Hanger	10.750	3.500	19.1		19.6	7.625		Casing String Liner Hanger
					19.6	10.750	7.625	
Shutin Valve	3.500		449.3					
Gas Lift Mandrel	3.500		1043.1		786.0	10.750		Casing Shoe
Gas Lift Mandrel	3.500		1786.6					
Gas Lift Mandrel	3.500		2048.6					

	Length m	Cumulative Depth m	Diagram	Depth m	Interval m	
Nipple	3.500	2100.8				
Packer	7.625	3073.1				
Nipple	3.500	3094.2				
Bell Nipple Guide	3.500	3096.7				
				3576.0		
				3576.0	7.625	
						PBTD
						Casing Shoe



Dump Bailer Run 2 – Cement

MAXIS Field Log

Output DLIS Files

DEFAULT	PERFO_057LUP	FN:54	PRODUCER	20-Nov-2005 13:34	3550.8 M	3516.6 M
---------	--------------	-------	----------	-------------------	----------	----------

OP System Version: 13C0-300

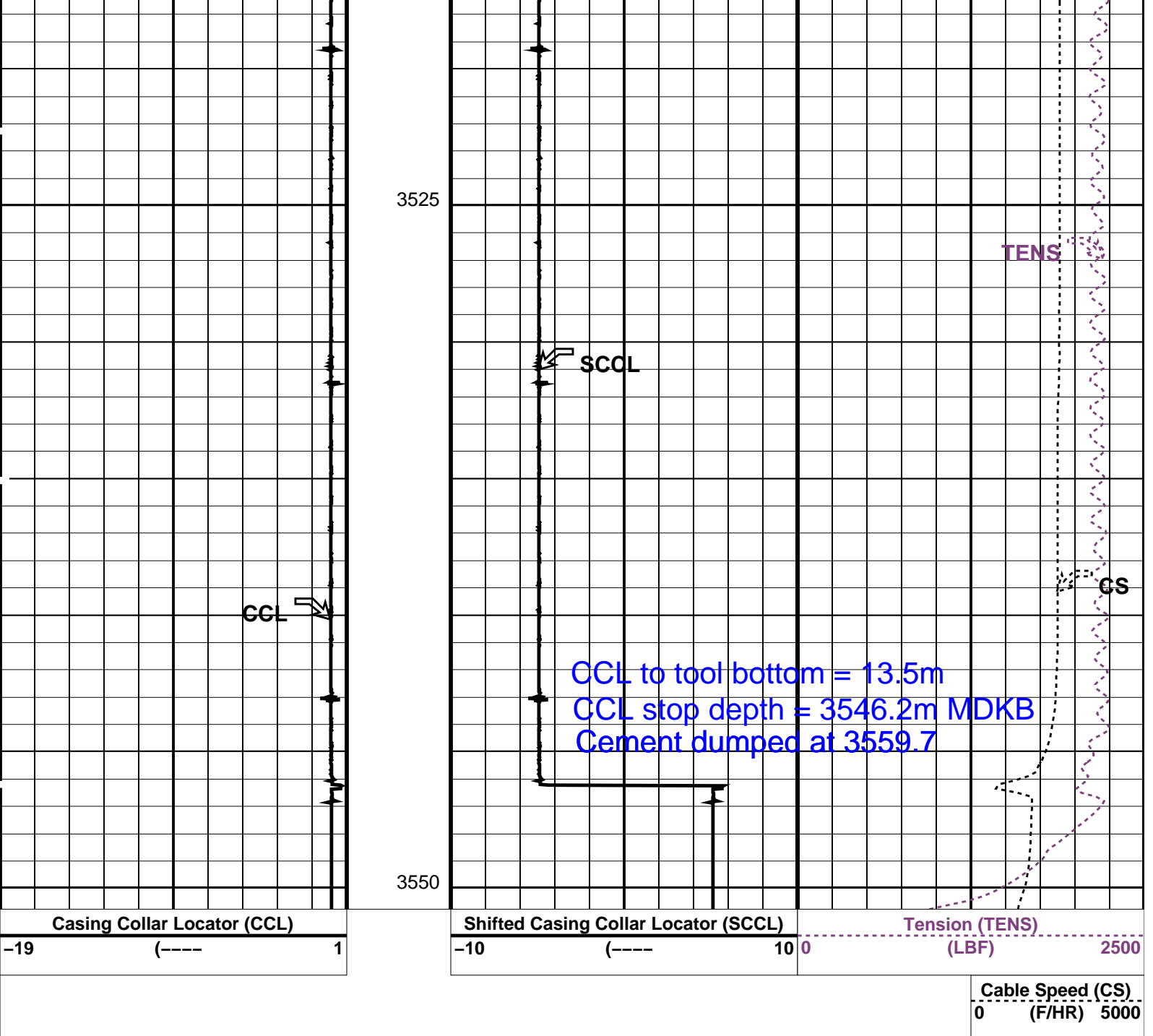
MCM

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

PIP SUMMARY

Time Mark Every 60 S

										Cable Speed (CS)						
										0	(F/HR) 5000					
Casing Collar Locator (CCL)										Shifted Casing Collar Locator (SCCL)		Tension (TENS)				
-19	(-----)								1	-10	(-----)		10	0	(LBF)	2500



PIP SUMMARY

Time Mark Every 60 S

Parameters

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

Format: PERFO Vertical Scale: 1:200

Graphics File Created: 20-Nov-2005 13:34

OP System Version: 13C0-300

MCM

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

Output DLIS Files

DEFAULT PERFO_057LUP FN:54 PRODUCER 20-Nov-2005 13:34

Output DLIS Files

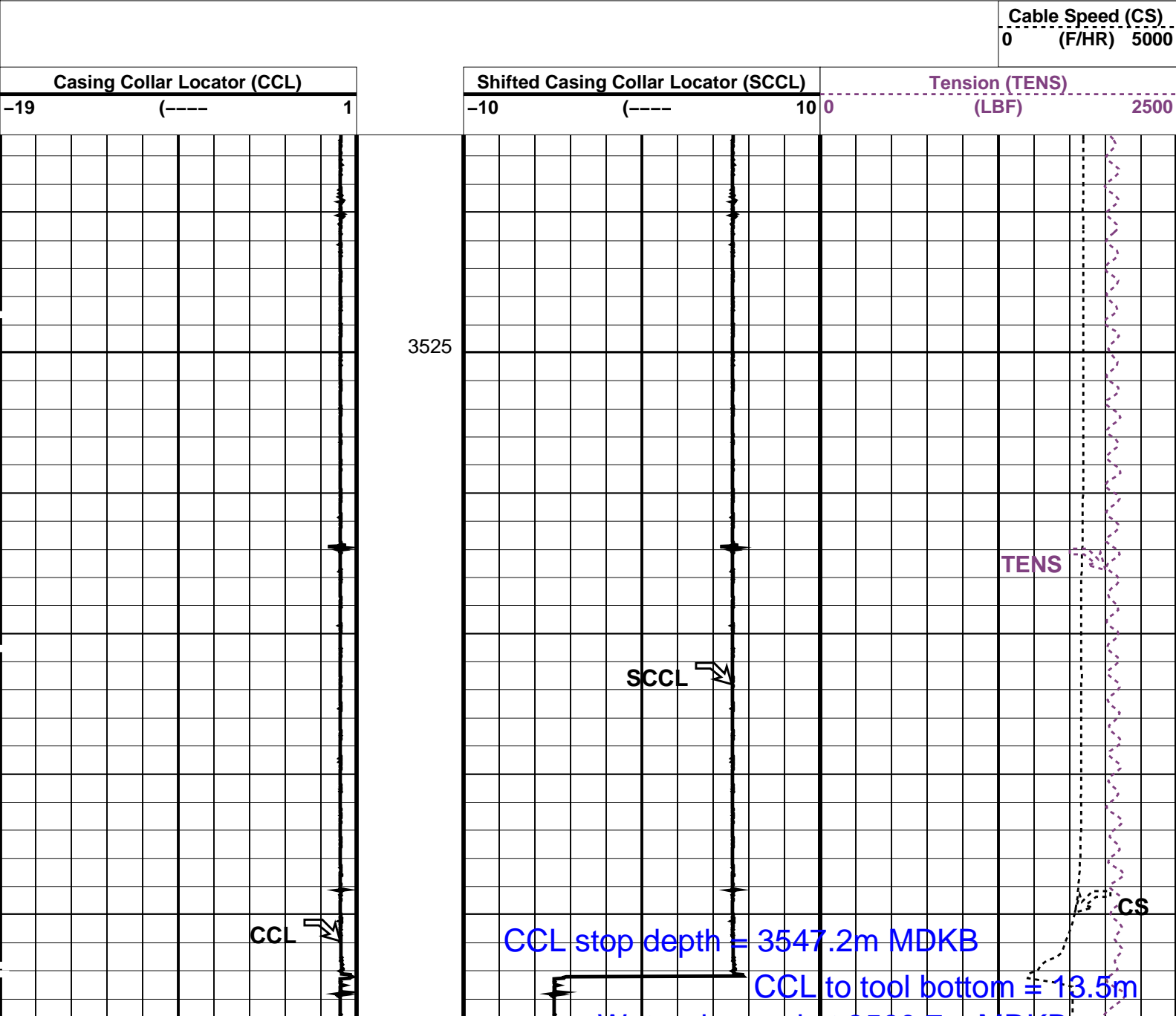
DEFAULT PERFO_054LUP FN:51 PRODUCER 20-Nov-2005 11:26

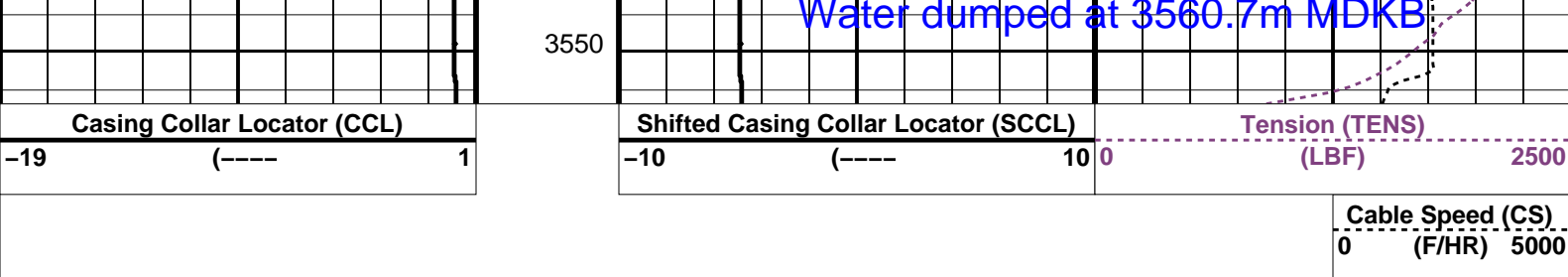
OP System Version: 13C0-300
MCM

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

PIP SUMMARY

Time Mark Every 60 S





Time Mark Every 60 S


Parameters	
DLIS Name	Description
	CCL-L: Casing Collar Locator
CCLD	CCL reset delay
CCLT	CCL Detection Level

Format: PERFO Vertical Scale: 1:200 Graphics File Created: 20-Nov-2005 11:26

OP System Version: 13C0-300
MCM

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

Output DLIS Files				
DEFAULT	PERFO_054LUP	FN:51	PRODUCER	20-Nov-2005 11:26



7 5/8" MPBT Plug
Setting Pass

MAXIS Field Log

Output DLIS Files				
DEFAULT	CCL_049LUP	FN:46	PRODUCER	20-Nov-2005 08:13

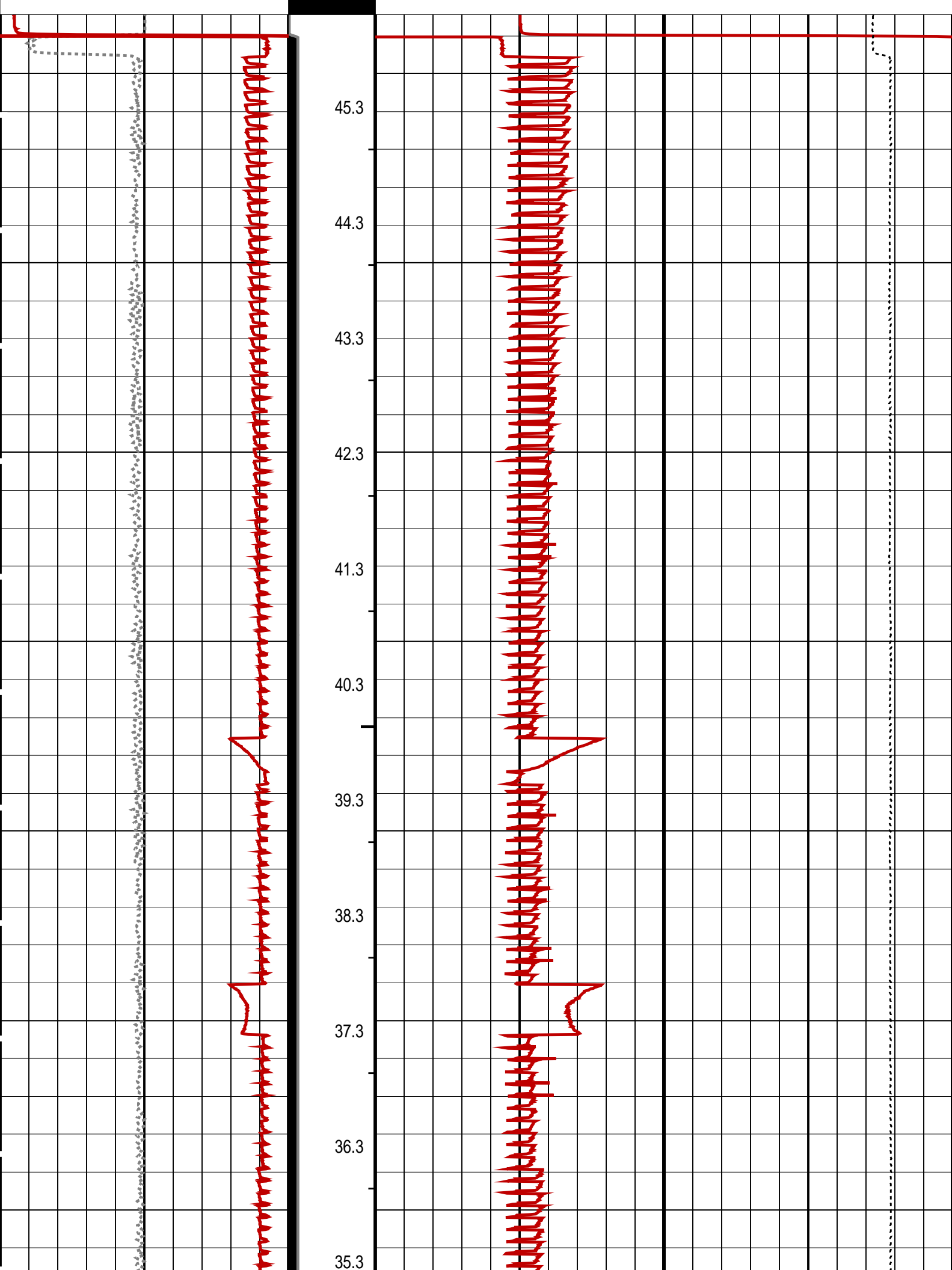
OP System Version: 13C0-300
MCM

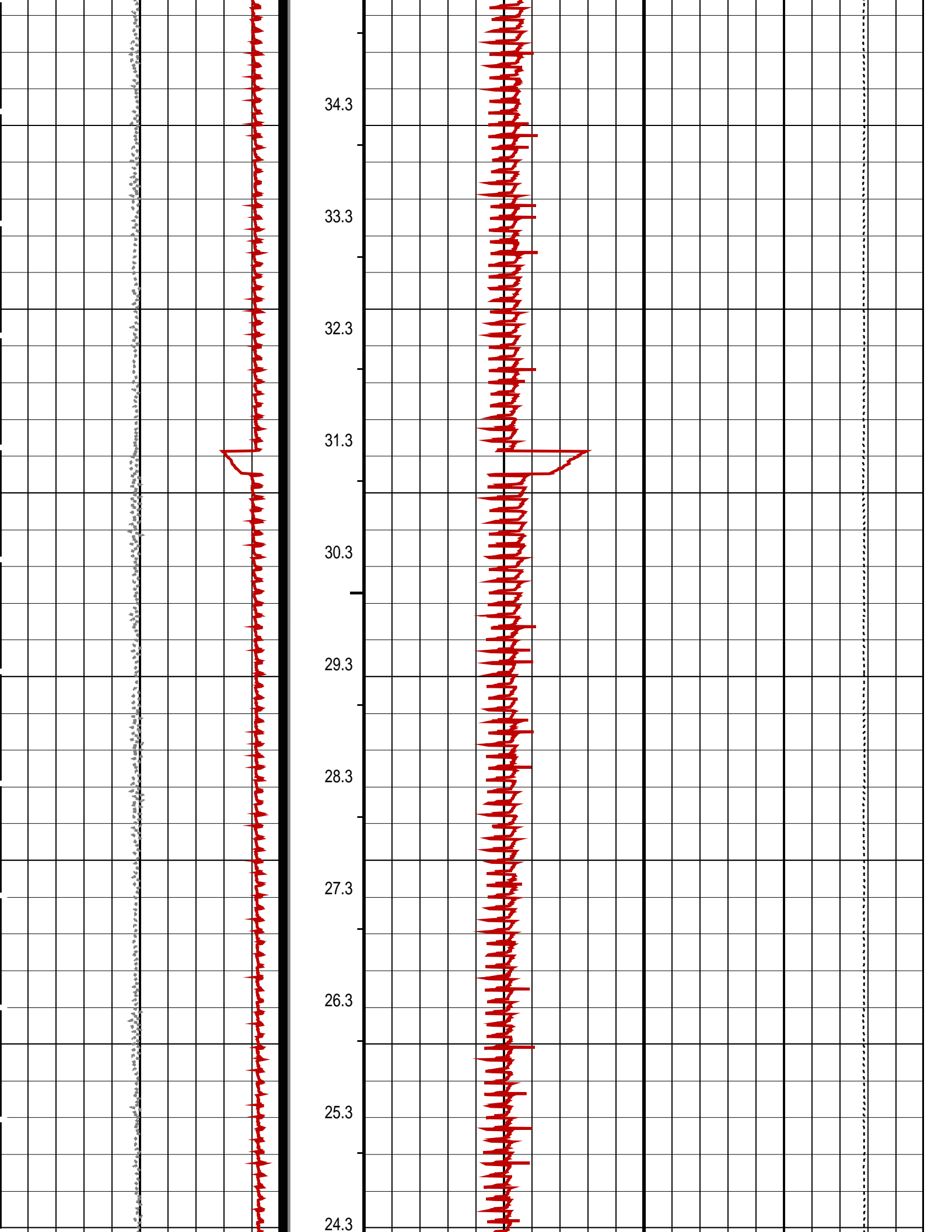
MPEX-EA_S CCL-L	SRC-2820-ASFS-WPP_k 13C0-300	MPSU-CA	SRC-2820-ASFS-WPP_k
--------------------	---------------------------------	---------	---------------------

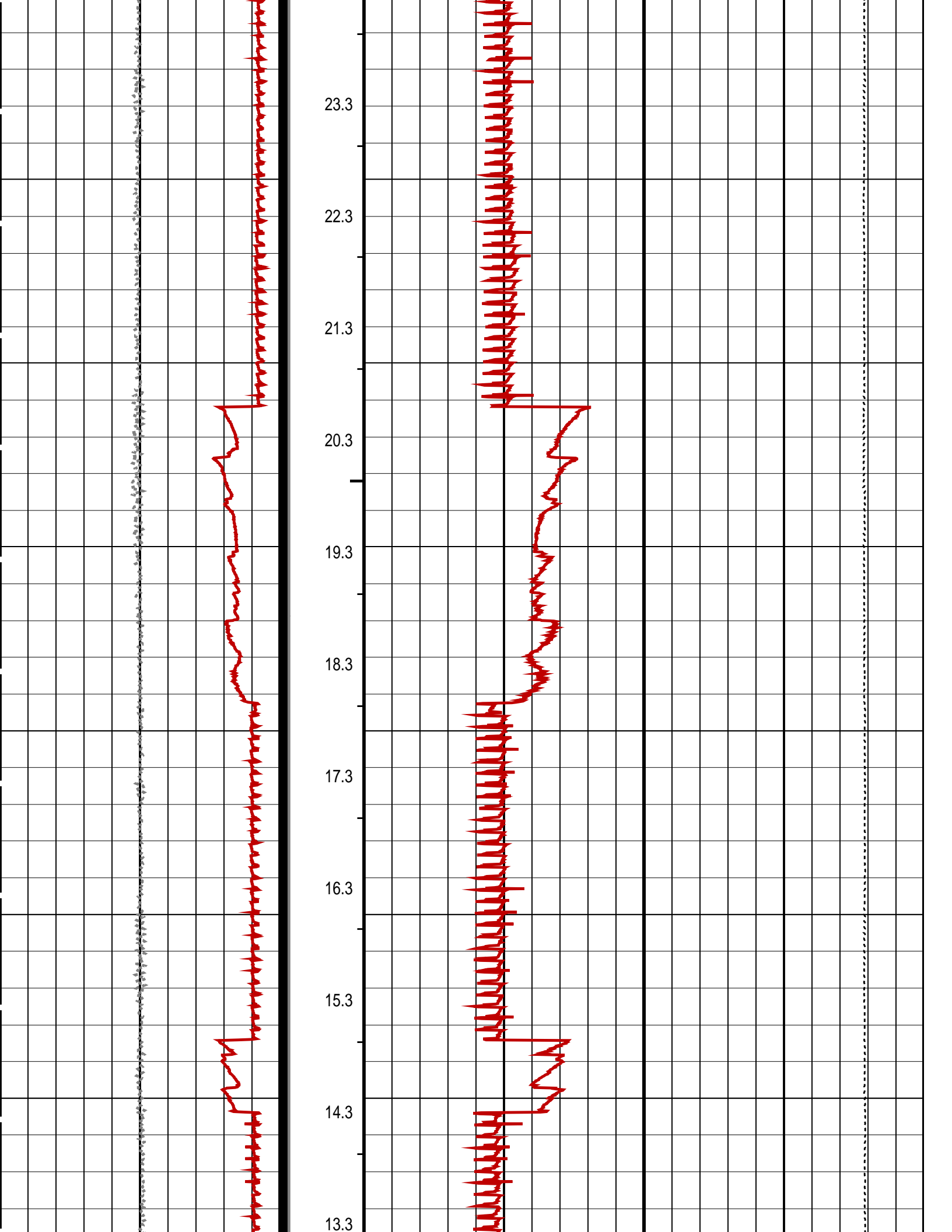
	<div> <div>PIP SUMMARY</div> <div> <div>→ MPSU Run Time Every 1 MN</div> <div>→ MPSU Run Time Every 10 MN</div> </div> </div>	
<div> <div>Time Mark Every 60 S</div> </div>		

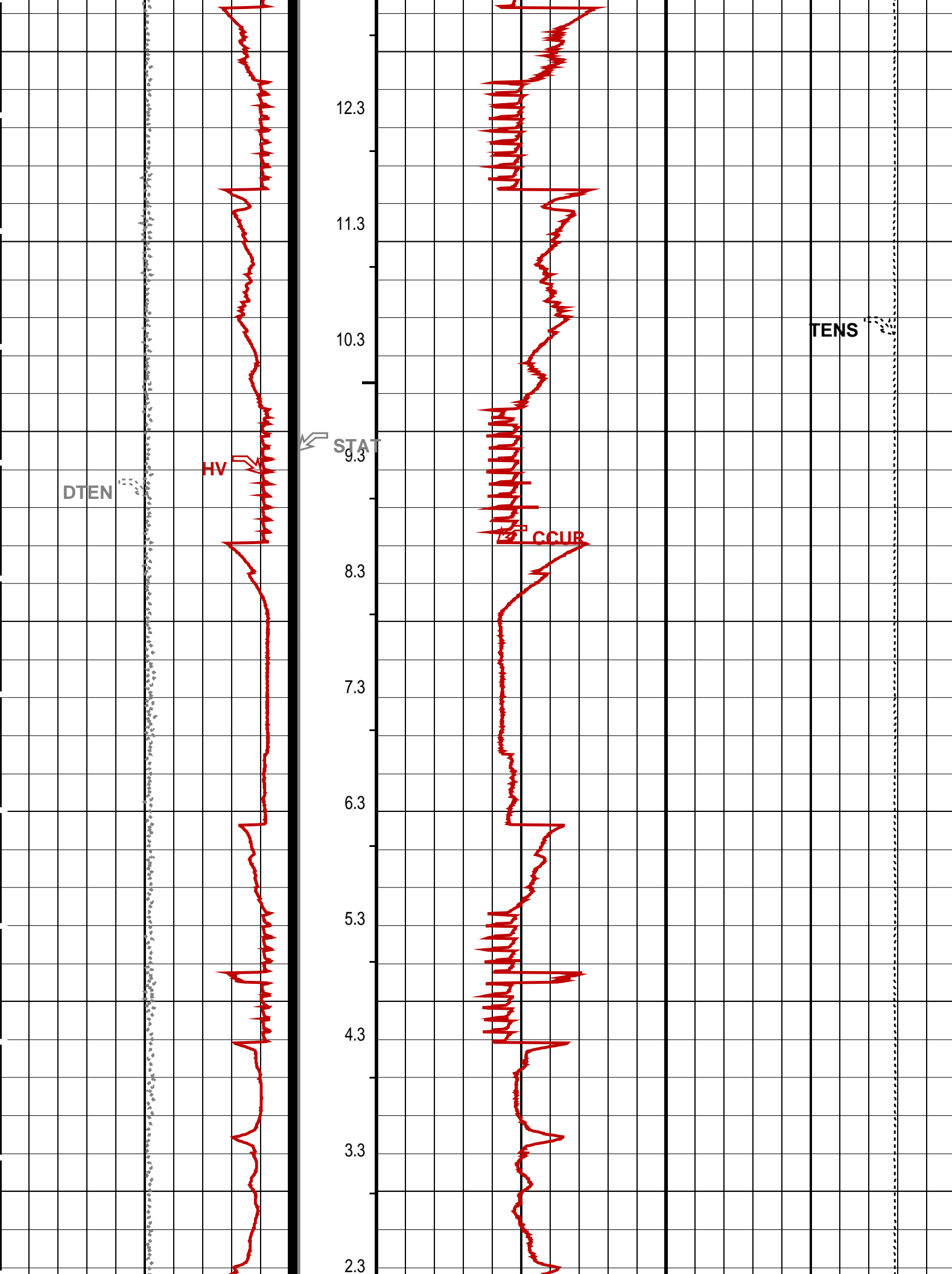
	RUN Time (RTIM) (MN)	
MPSU Head Voltage (HV)	MPSU Run Status (STAT)	Tension (TENS)
200 (V) 300	0 (----10	0 (LBF) 2500

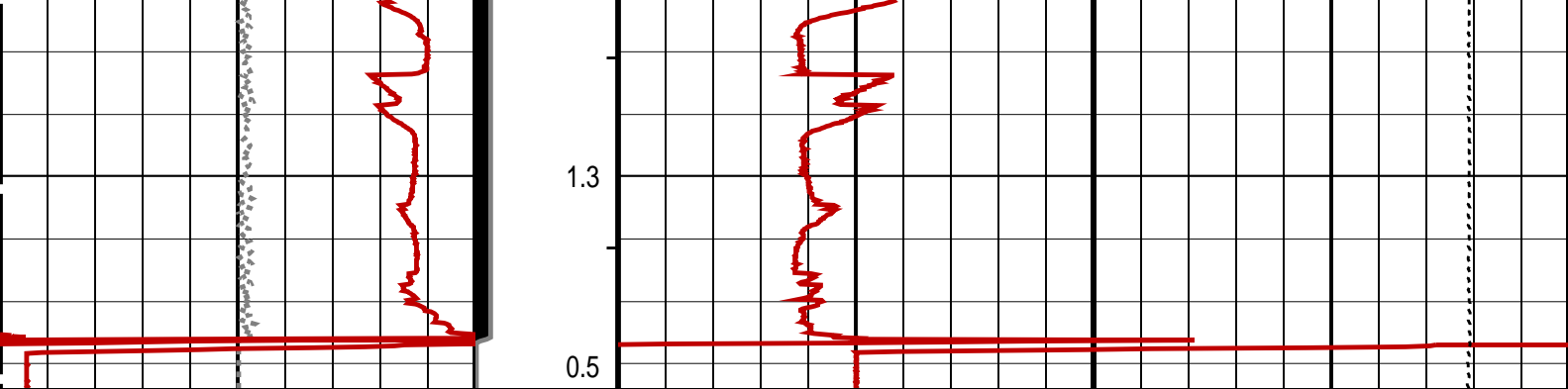
Diagram illustrating the MPBM Cable Current (CCUR) signal path. The signal is labeled "MPBM Cable Current (CCUR) (MA)" and is shown as a red line. The scale for this signal ranges from 300 to 700. A dashed line labeled "Differential Tension (DTEN) (LBF)" is shown on the left, with a scale from -200 to 200. A black box labeled "ON/Int From D3T to STAT" is connected to the MPBM Cable Current signal path.











Differential Tension (DTEN) (LBF)		ON/Int From D3T to STAT		MPBM Cable Current (CCUR) (MA)	
-200		200		300	
MPSU Head Voltage (HV) (V)		MPSU Run Status (STAT)		Tension (TENS) (LBF)	
200		0 (----10)		0	
		RUN Time (RTIM) (MN)		2500	

PIP SUMMARY

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

Time Mark Every 60 S

Parameters

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

Format: MPBT Vertical Scale: 1:600 Graphics File Created: 20-Nov-2005 08:13

OP System Version: 13C0-300
MCM

MPEX-EA_S CCL-L	SRC-2820-ASF5-WPP_t 13C0-300	MPSU-CA	SRC-2820-ASF5-WPP_t
--------------------	---------------------------------	---------	---------------------

Output DLIS Files

DEFAULT	CCL_049LUP	FN:46	PRODUCER	20-Nov-2005 08:13
---------	------------	-------	----------	-------------------



7 5/8" MPBT Plug
Correlation Pass

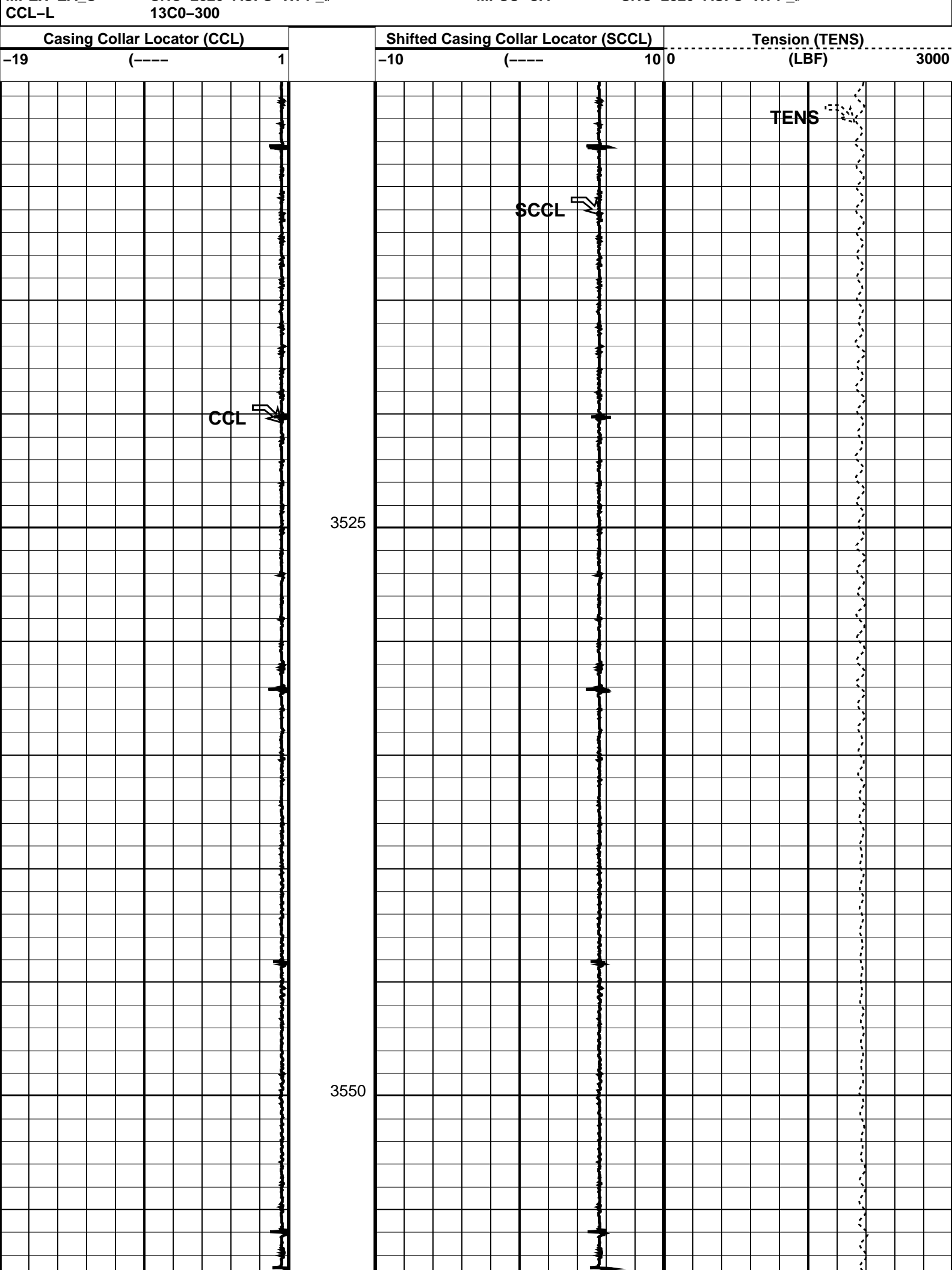
MAXIS Field Log

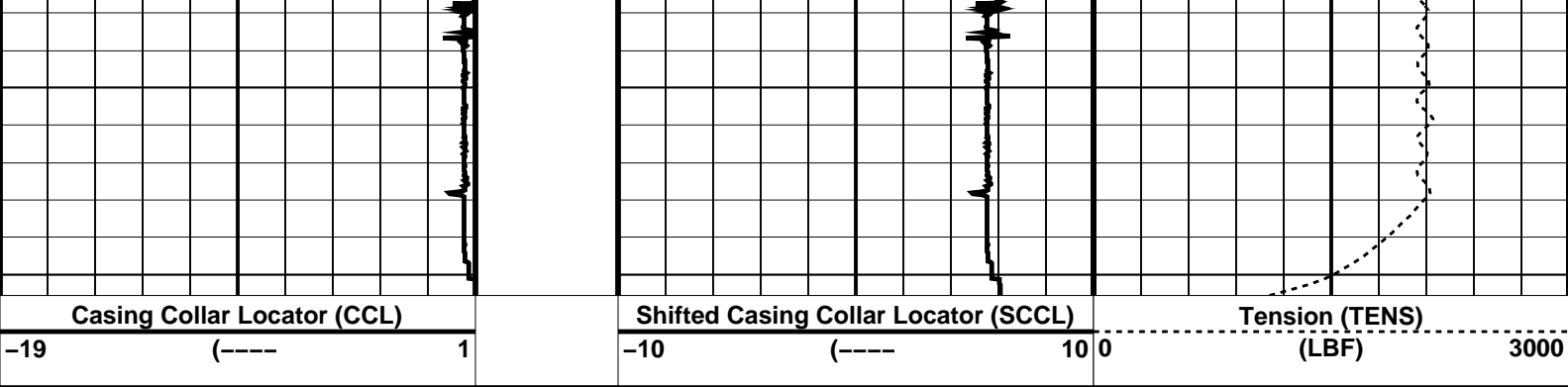
Output DLIS Files

DEFAULT	CCL_047LUP	FN:44	PRODUCER	20-Nov-2005 08:00	3565.6 M	3505.4 M
---------	------------	-------	----------	-------------------	----------	----------

OP System Version: 13C0-300
MCM

MPEX-EA S	SRC-2820-ASF5-WPP_t	MPSU-CA	SRC-2820-ASF5-WPP_t
-----------	---------------------	---------	---------------------






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

Format: PERFO Vertical Scale: 1:200 Graphics File Created: 20-Nov-2005 08:00

OP System Version: 13C0-300			
MCM			
MPEX-EA_S	SRC-2820-ASFS-WPP_t	MPSU-CA	SRC-2820-ASFS-WPP_t
CCL-L	13C0-300		

Output DLIS Files			
DEFAULT	CCL_047LUP	FN:44	PRODUCER 20-Nov-2005 08:00




MPBT Dummy Plug
Correlation Pass

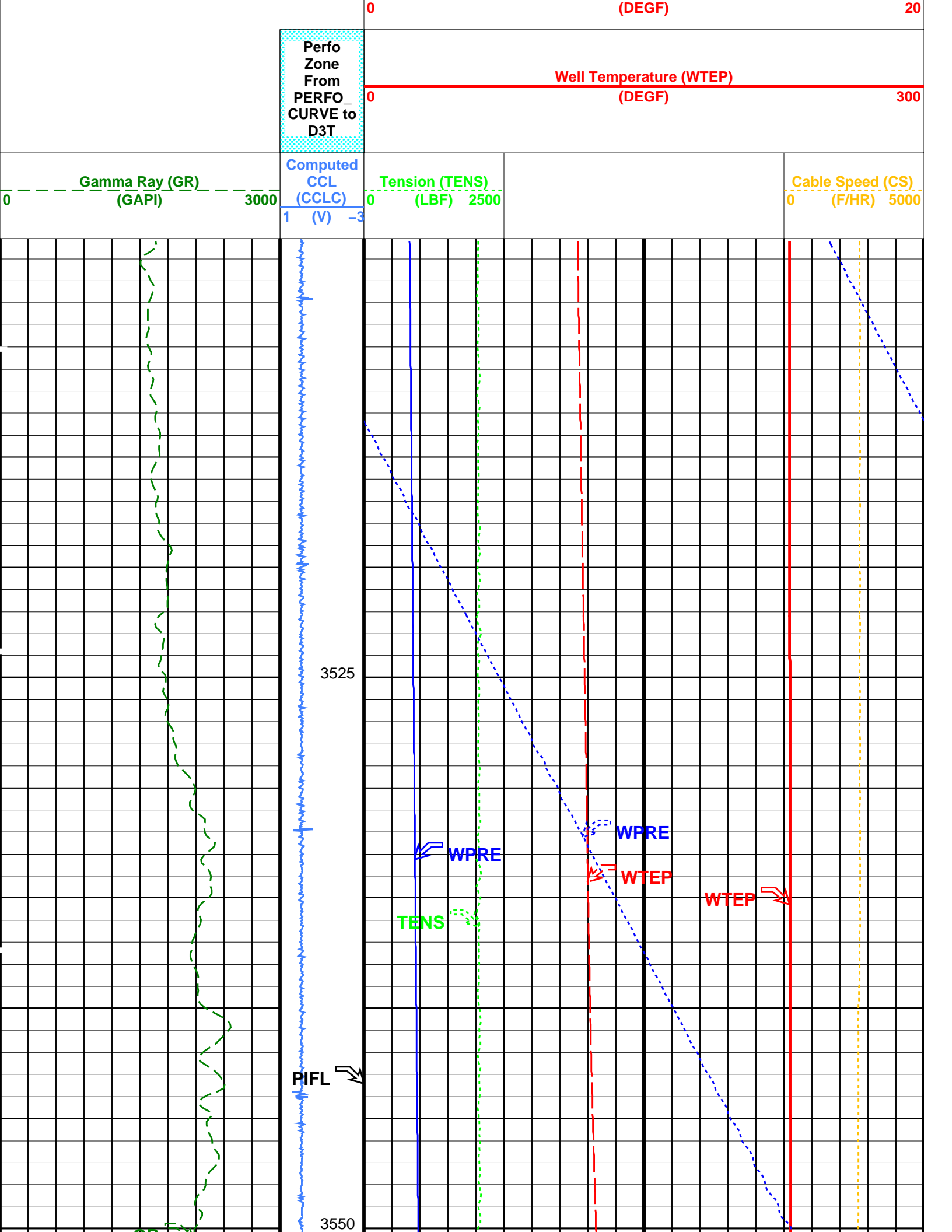
MAXIS Field Log

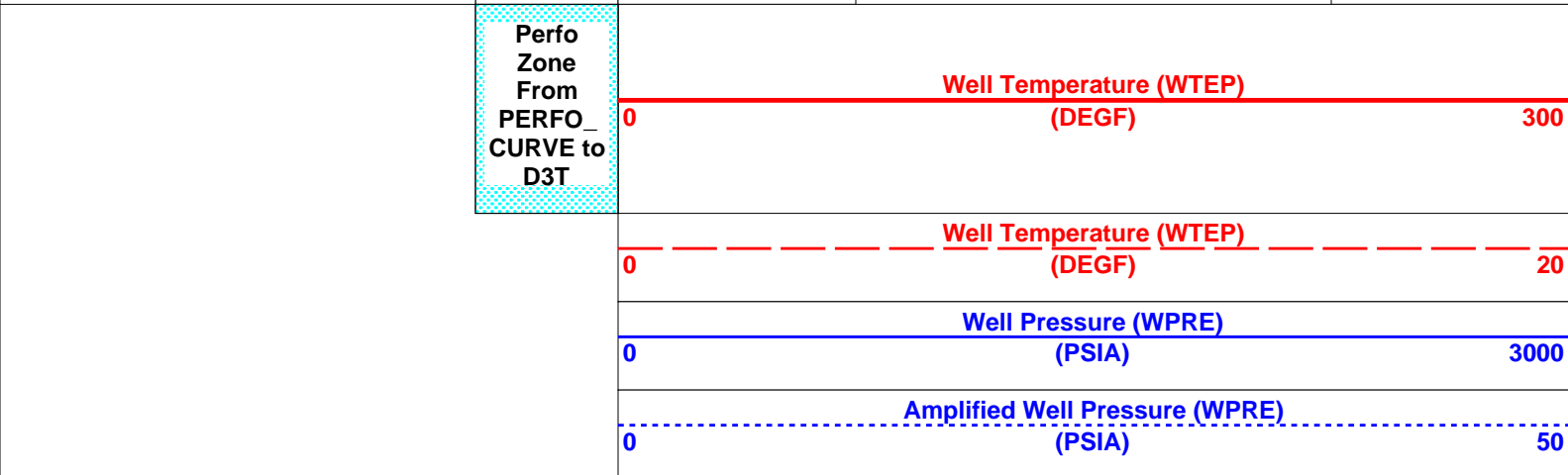
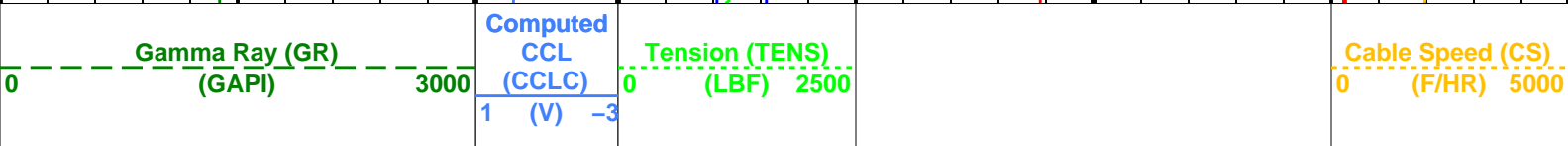
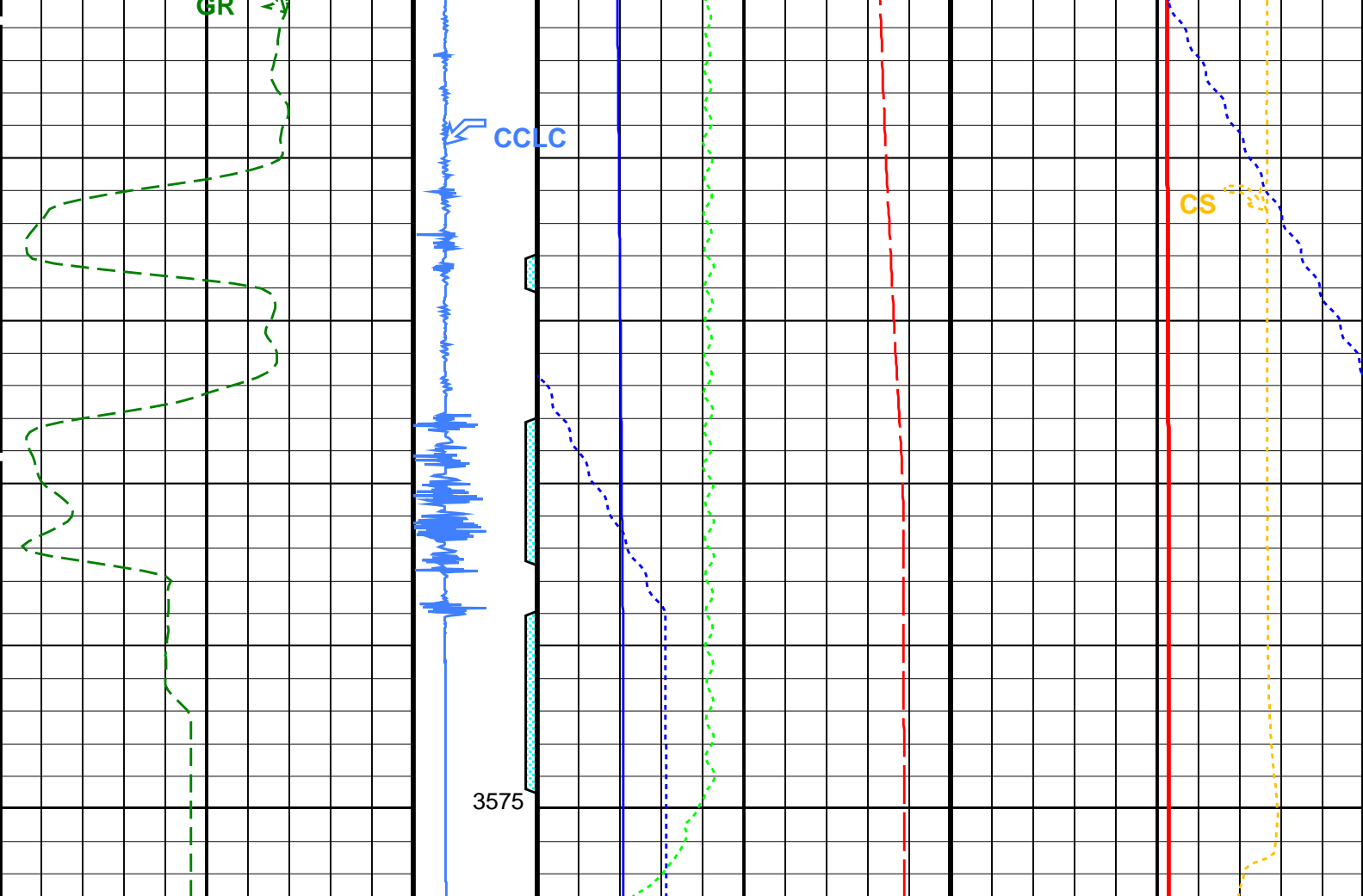
Company: ExxonMobil Well: TNA A-6L

Input DLIS Files					
DEFAULT	PSP_039PUP	FN:36	PRODUCER	19-Nov-2005 14:31	3577.7 M 3504.6 M
Output DLIS Files					
DEFAULT	PSP_040PUP	FN:37	PRODUCER	19-Nov-2005 14:33	3577.7 M 3505.0 M

OP System Version: 13C0-300	
MCM	
PSPT-A/B	13C0-300

PIP SUMMARY	
 Time Mark Every 60 S	Amplified Well Pressure (WPRES) (PSIA) 0 50
	Well Pressure (WPRES) (PSIA) 0 3000
	Well Temperature (WTEP)





PIP SUMMARY

Time Mark Every 60 S

Format: PSP_1 Vertical Scale: 1:200 Graphics File Created: 19-Nov-2005 14:33

OP System Version: 13C0-300
MCM

PSPT-A/B 13C0-300

Parameters		
DLIS Name	Description	Value
System and Miscellaneous		
Depth Offset for Playback		0.0 M

DO PP	Depth Onset for Playback Playback Processing	0.0 NORMAL	M
Input DLIS Files			
DEFAULT	PSP_039PUP	FN:36 PRODUCER 19-Nov-2005 14:31	3577.7 M 3504.6 M
Output DLIS Files			
DEFAULT	PSP_040PUP	FN:37 PRODUCER 19-Nov-2005 14:33	

Company:	ExxonMobil	Schlumberger
Well:	FLA A-25a	
Field:	Flounder	
Rig:	Prod 4	
Country:	Australia	
7 5/8" MPBT Plug Setting Record Scale 1:200		