



Company: ExxonMobil

Well: TNA A-6L

Field: Tuna

Rig: Prod 4

Country: Australia

Dummy Plug 7" MPBT Plug Dump Bailer Record

Prod 4
Field: Tuna
Location: Gippsland Basin
Well: TNA A-6L
Company: ExxonMobil

LOCATION

Gippsland Basin Bass Strait	Elev.: K.B. 32.9 m G.L. -59 m D.F. 31.1 m	
Permanent Datum: _____	Mean Sea Level _____	Elev.: 0.0 m _____
Log Measured From: _____	Kelly Bushing _____	-32.9 m above Perm. Datum
Drilling Measured From: _____	Kelly Bushing _____	
State: Victoria	Max. Well Deviation 41 deg	Longitude 148 418' 0" E
		Latitude 038 171' 0" S

Logging Date	2-Nov-2005
Run Number	1, 2 & 3
Depth Driller	3303 m
Schlumberger Depth	3145 m
Bottom Log Interval	3145.3 m
Top Log Interval	3044 m
Casing Fluid Type	Production Fluids
Salinity	
Density	
Fluid Level	
BIT/CASING/TUBING STRING	
Bit Size	8.500 in
From	2218.8 m
To	3303 m
Casing/Tubing Size	7.000 in
Weight	23 lbn/ft
Grade	K-55
From	2218.8 m
To	3277.5 m
Maximum Recorded Temperatures	203 degC
Logger On Bottom	2-Nov-2005
Unit Number	1
Location	VEA
Time	14:30
Recorded By	Paul Tarrant
Witnessed By	Greg Rimmer

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	41 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	
Time	
Recorded By	
Witnessed By	

DEPTH SUMMARY LISTING

Date Created: 3-NOV-2005 7:11:09

Depth System Equipment

Depth Measuring Device	Tension Device	Logging Cable
Type: IDW-H Serial Number: 797 Calibration Date: 01-May-05 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: 4799.99 M <hr/> Conveyance Method: Wireline Rig Type: Offshore_Fixed

Depth Control Parameters

Log Sequence:	Subsequent Trip To the Well
Reference Log Name:	PSP Log performed by Schlumberger
Reference Log Run Number:	1
Reference Log Date:	02-Nov-05
Subsequent Trip Down Log Correction:	-50000.00 M

Depth Control Remarks

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

DISCLAIMER

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OTHER SERVICES1	
OS1:	None
OS2:	
OS3:	
OS4:	
OS5:	

REMARKS: RUN NUMBER 1	
Log correlated to Solar log, dated , provided by client	

Objective:	
RIH with a dummy plug to obtain HUD, pressure and temperature.	
HUD = 3145.3m MDKB, Pressure = 2800psi , Temp = 200degC	
Set MPBT plug at 3106m MDKB.	
CCL to Bottom of Tool = 6.6m	
Bottom of Tool to Top Seal = 0.6m	

Bottom of Tool to Top Seal = 0.6m

CCL to Top Seal = 6.6m + 0.6m = 7.2m

CCL stop depth = 3098.8m MDKB

RIH with 40ft Dump Bailer, 1st run with water the 2nd with cement,
giving 1.1m of cement on top of plug.

Specialist: Paul Tarrant

Operators: Eddy Mezenberg & Jakob Annear

Performed by Schlumberger

RUN 1			RUN 2		
PROGRAM VERSION:		46000447	PROGRAM VERSION:		
FLUID LEVEL:		13C0-300	FLUID LEVEL:		
LOGGED INTERVAL	START	STOP	LOGGED INTERVAL	START	STOP

EQUIPMENT DESCRIPTION

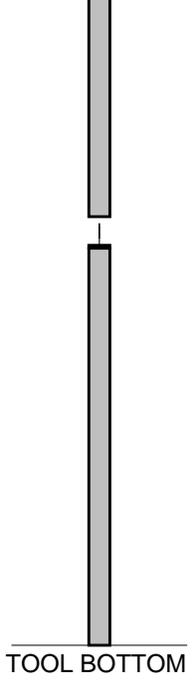
RUN 1	RUN 2
SURFACE EQUIPMENT	SURFACE EQUIPMENT
MPBM 81	WITM (SHM)

RUN 1	RUN 2
DOWNHOLE EQUIPMENT	DOWNHOLE EQUIPMENT
AH-SWBS AH-SWBS 761 11.03	AH-SWBS 14.84
AH-SWBS AH-SWBS 762 10.73	AH-SWBS 14.53
AH-SWBS AH-SWBS 763 10.42	AH-SWBS 14.23
MH-SWHS MH-SWHS 726 10.12	MH-SWHS MH-SWHS 753 13.92
CCL-L CCL-L 4195 9.64 — TOOL ZERO	Tension CCL — TOOL ZERO 13.44
MPSU-CA MPSU-CA 1102 9.18	AH-DB-TT AH-DB-TT 12.98

CCL
Tachomete
Cable Cur
Head Volt
Tension

MPEX-EA_S
MPEX-EA_S 501

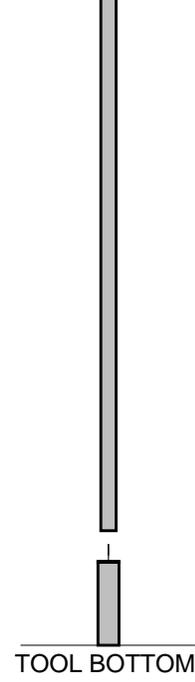
2.77



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: TNA-A6L
Field: Tuna
State: Victoria
Country: Australia

Rig Name: Tuna
Reference Datum: Kelly Bushing
Elevation: 32.9 m

Production String	(in)		(m)	Well Schematic	(m)	(in)		Casing String
	OD	ID	MD		MD	OD	ID	
Tubing Bagger	13.500	2.950	13.6		13.6	13.500	2.950	Casing String Liner Hanger
Shutin Valve	3.500		451.0		722.1	13.375		Casing Shoe
Nipple	3.500		1376.0		2318.0	9.625		Casing Shoe
Gas Lift Mandrel	3.500		1381.0					
Packer	7.000	3.500	2142.0					
			2571.0					

Packer

7.000

3.500

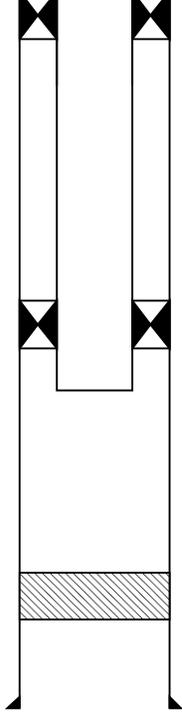
2931.0

Packer

7.000

3.500

2931.0



3134.0

PBTD

3277.5

7.000

Casing Shoe

Schlumberger

Dump Bailer
Run 2 - Cement

MAXIS Field Log

Output DLIS Files

DEFAULT	PERFO_033LUP	FN:32	PRODUCER	04-Nov-2005 09:59	3095.2 M	3057.8 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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PIP SUMMARY

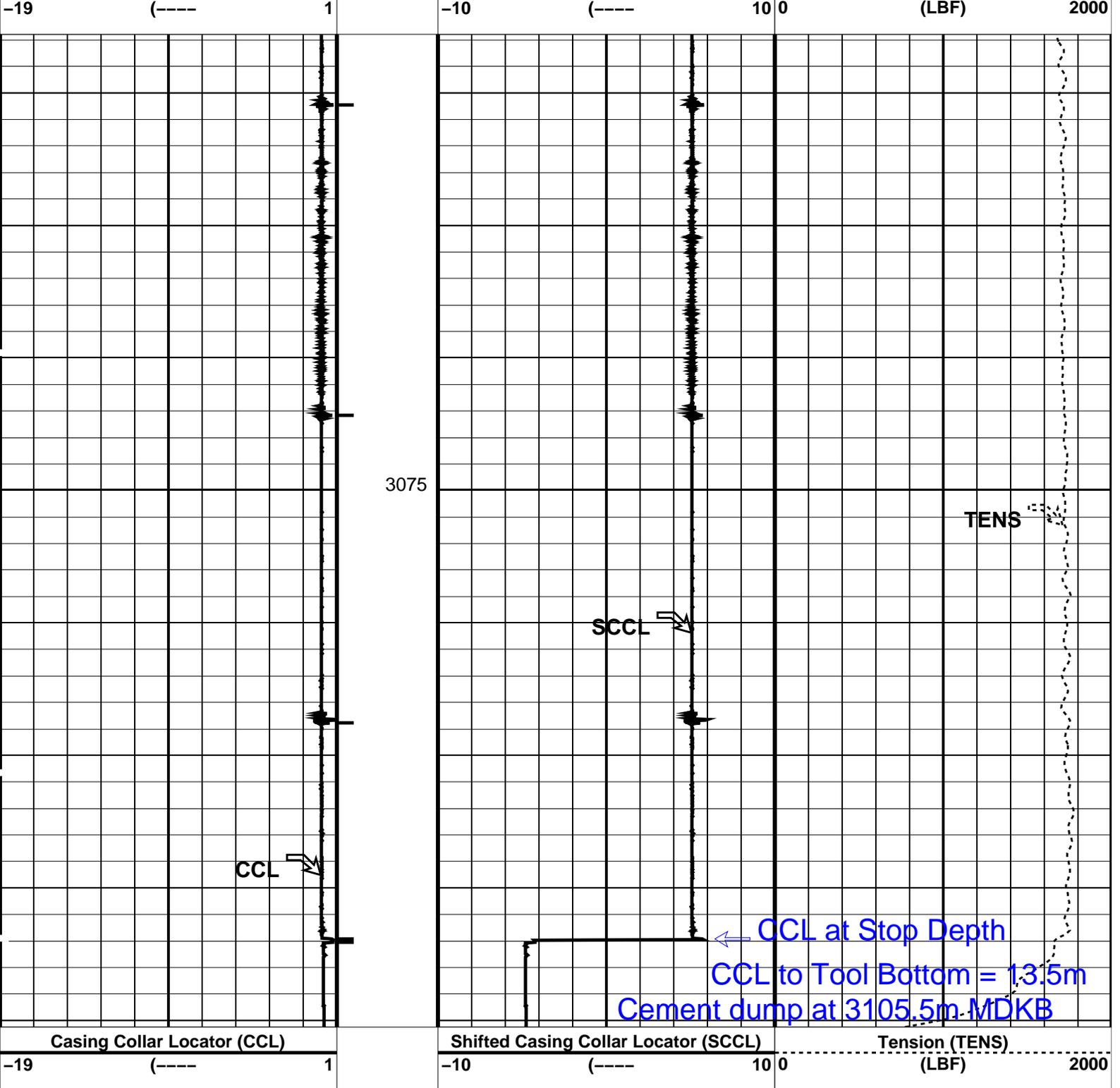
└ Casing Collars

Time Mark Every 60 S

Casing Collar Locator (CCL)

Shifted Casing Collar Locator (SCCL)

Tension (TENS)



PIP SUMMARY

← Casing Collars

Time Mark Every 60 S

Parameters

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

Output DLIS Files

DEFAULT

PERFO_033LUP

FN:32

PRODUCER

04-Nov-2005 09:59



Dump Bailer
Run 1 - Water

MAXIS Field Log

Output DLIS Files

DEFAULT

PERFO_025LUP

FN:24

PRODUCER

04-Nov-2005 08:06

3095.2 M

3057.2 M

OP System Version: 13C0-300

MCM

SHM_GUN

SRC-2820-ASFS-WPP_t

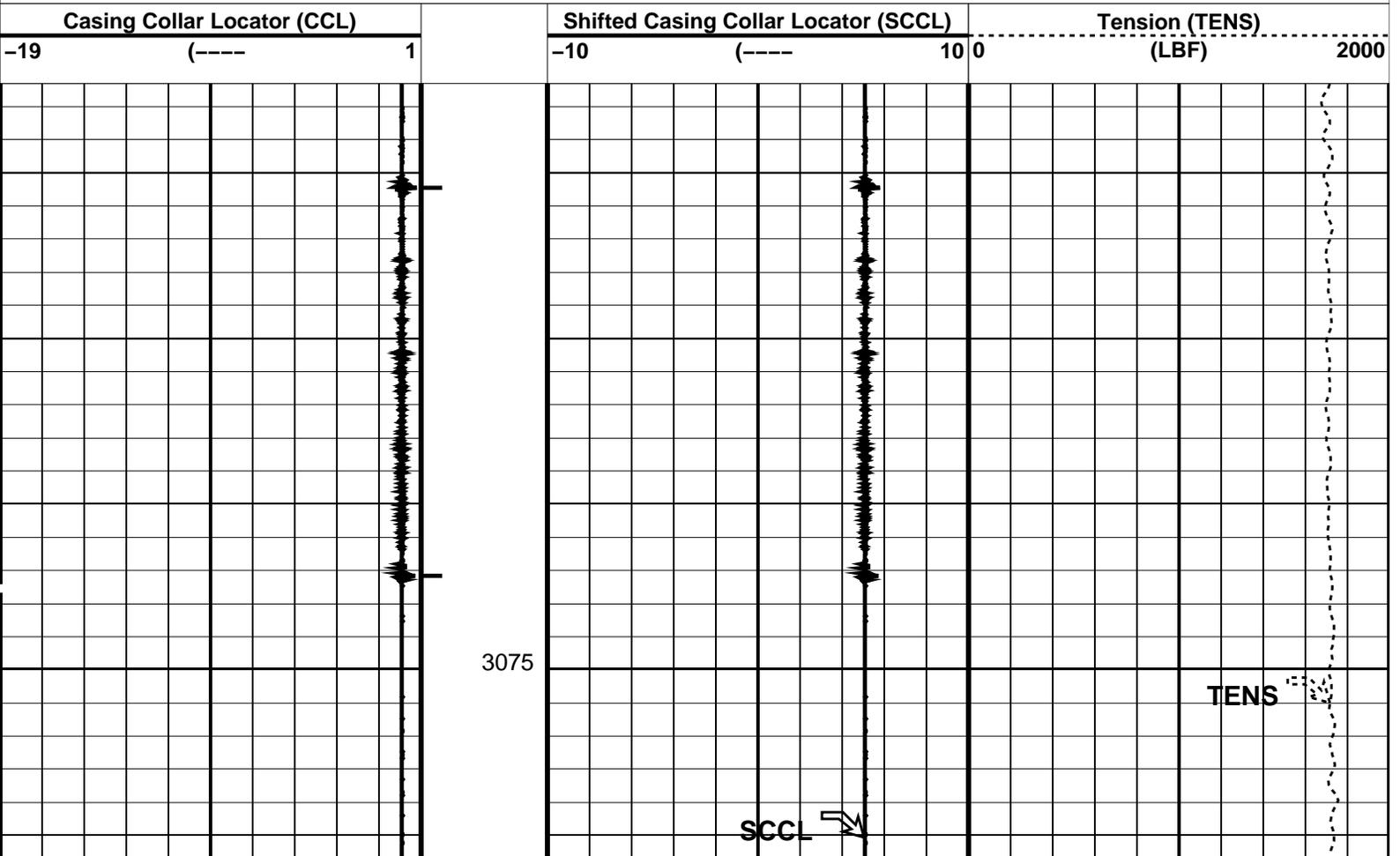
CCL-L

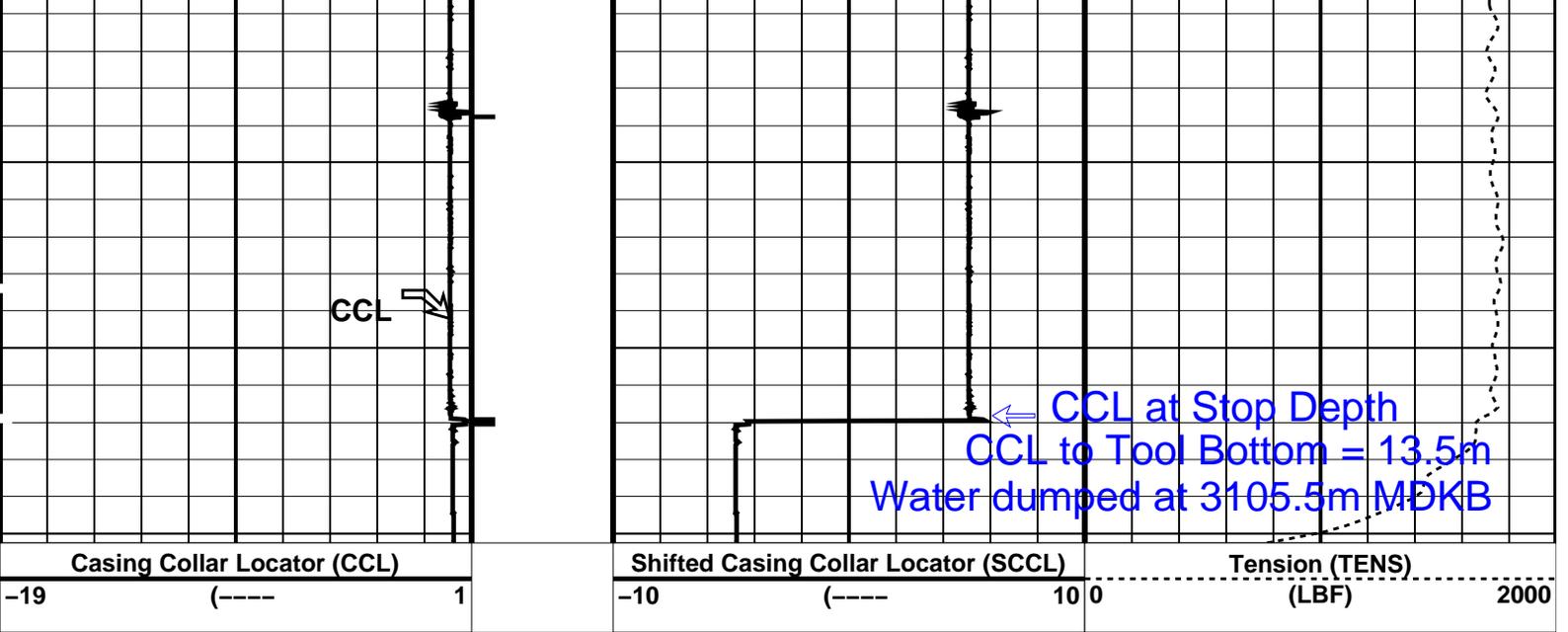
13C0-300

PIP SUMMARY

← Casing Collars

Time Mark Every 60 S





PIP SUMMARY

← Casing Collars

Time Mark Every 60 S

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: 04-Nov-2005 08:06

OP System Version: 13C0-300
MCM

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

Output DLIS Files

DEFAULT PERFO_025LUP FN:24 PRODUCER 04-Nov-2005 08:06



7" MPBT Plug
Setting Pass

MAXIS Field Log

Output DLIS Files

DEFAULT CCL_021LUP FN:20 PRODUCER 03-Nov-2005 15:54

OP System Version: 13C0-300
MCM

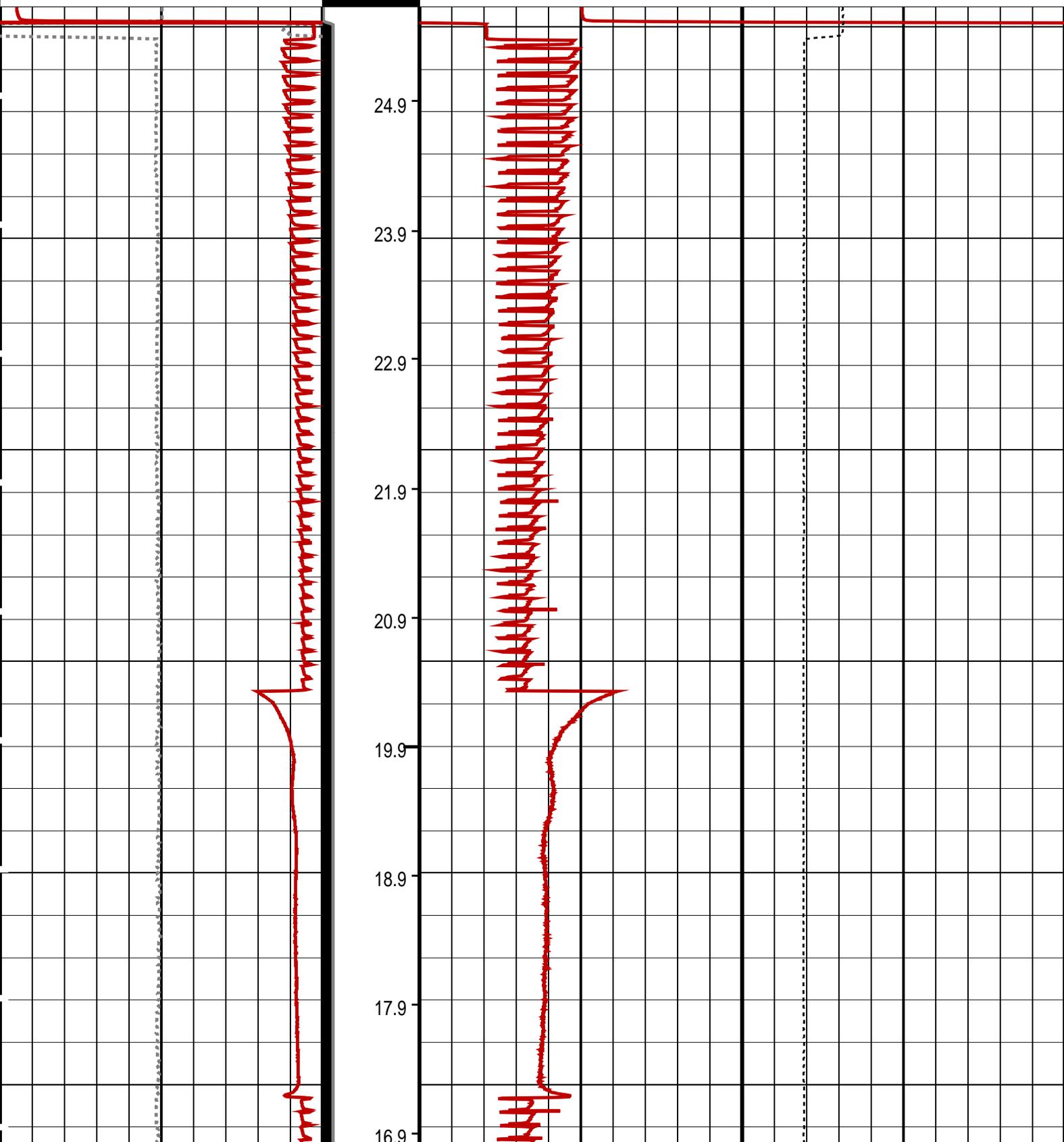
MPEX-EA_S SRC-2820-ASFS-WPP_t MPSU-CA SRC-2820-ASFS-WPP_t
CCL-L 13C0-300

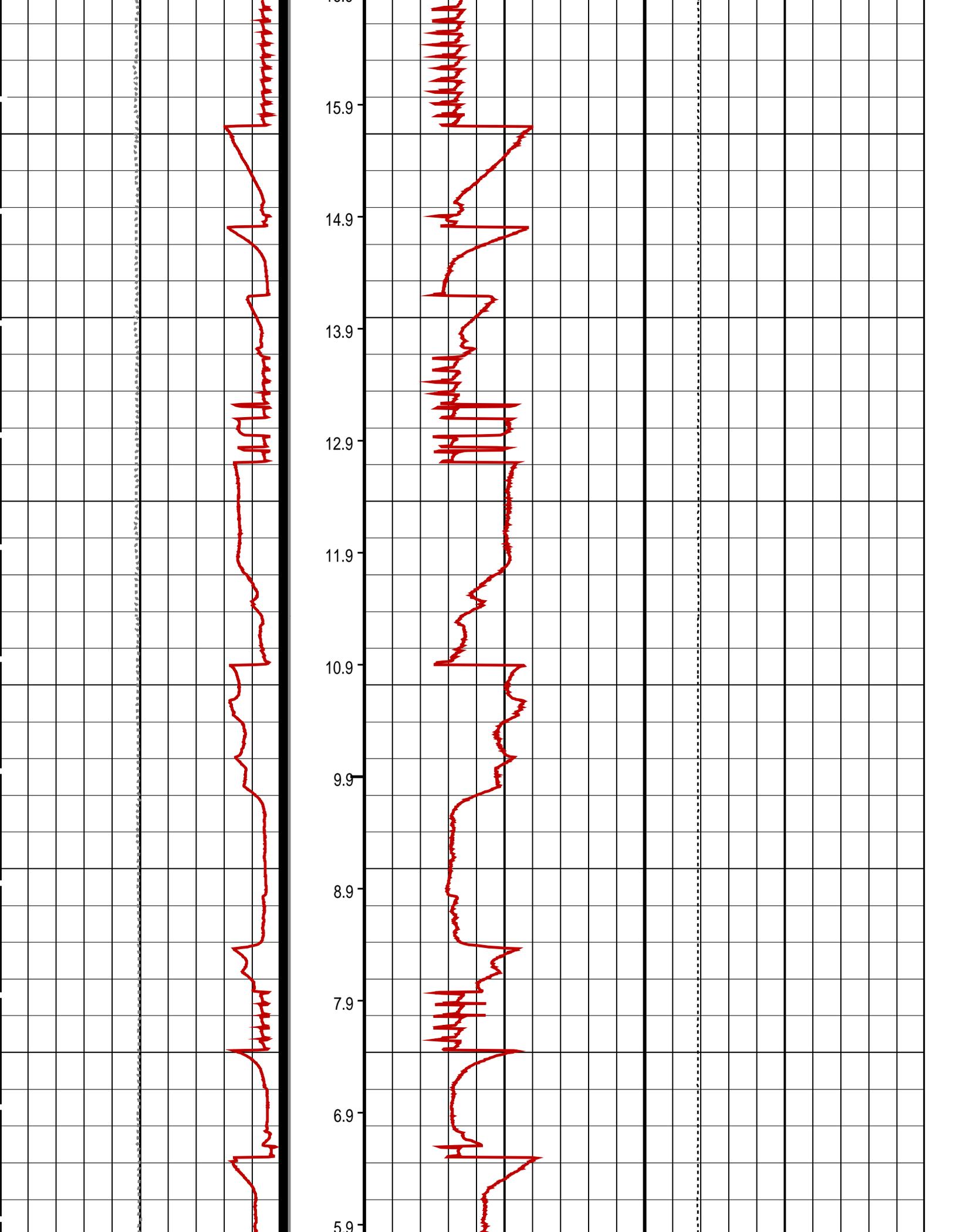
PIP SUMMARY

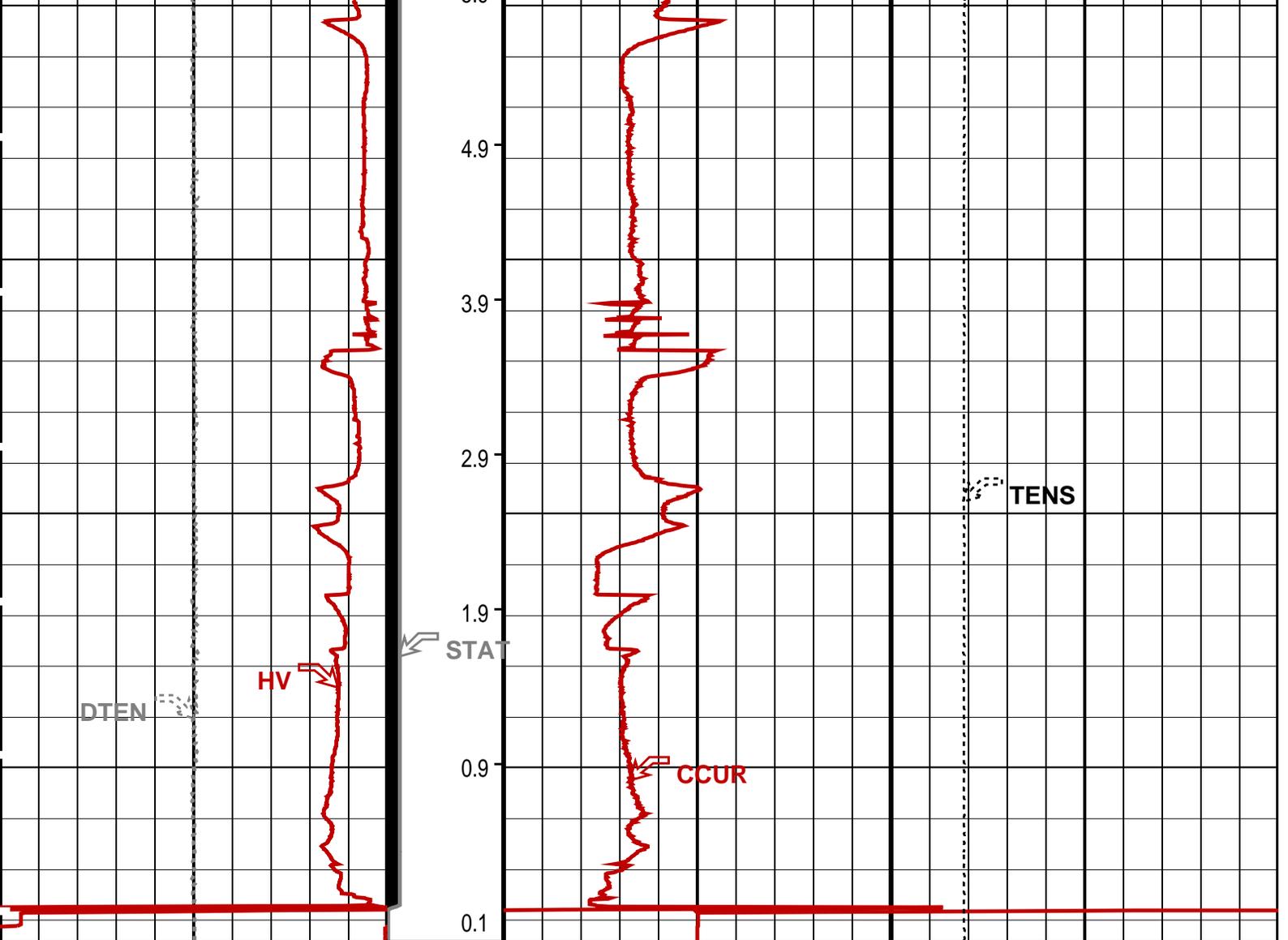
← MPSU Run Time Every 1 MN

MPSU Head Voltage (HV) (V)		RUN Time (RTIM) (MN)	Tension (TENS) (LBF)	
200	300	MPSU Run Status (STAT)	2000	0
		0 (----10)		

Differential Tension (DTEN) (LBF)	ON/Int From D3T to STAT	MPBM Cable Current (CCUR) (MA)
-200 200	300	700







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
MPSU-CA: MECHANICAL PLUGBACK SETTING UNIT IPUMP	Intensifier Pump	TRUE

Format: MPBT Vertical Scale: 1:600 Graphics File Created: 03-Nov-2005 15:54

OP System Version: 13C0-300
MCM

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



7" MPBT Plug
Correlation Pass

MAXIS Field Log

Output DLIS Files

DEFAULT

CCL_018LUP

FN:17

PRODUCER

03-Nov-2005 15:45

3135.0 M

3094.2 M

OP System Version: 13C0-300

MCM

MPEX-EA_S
CCL-L

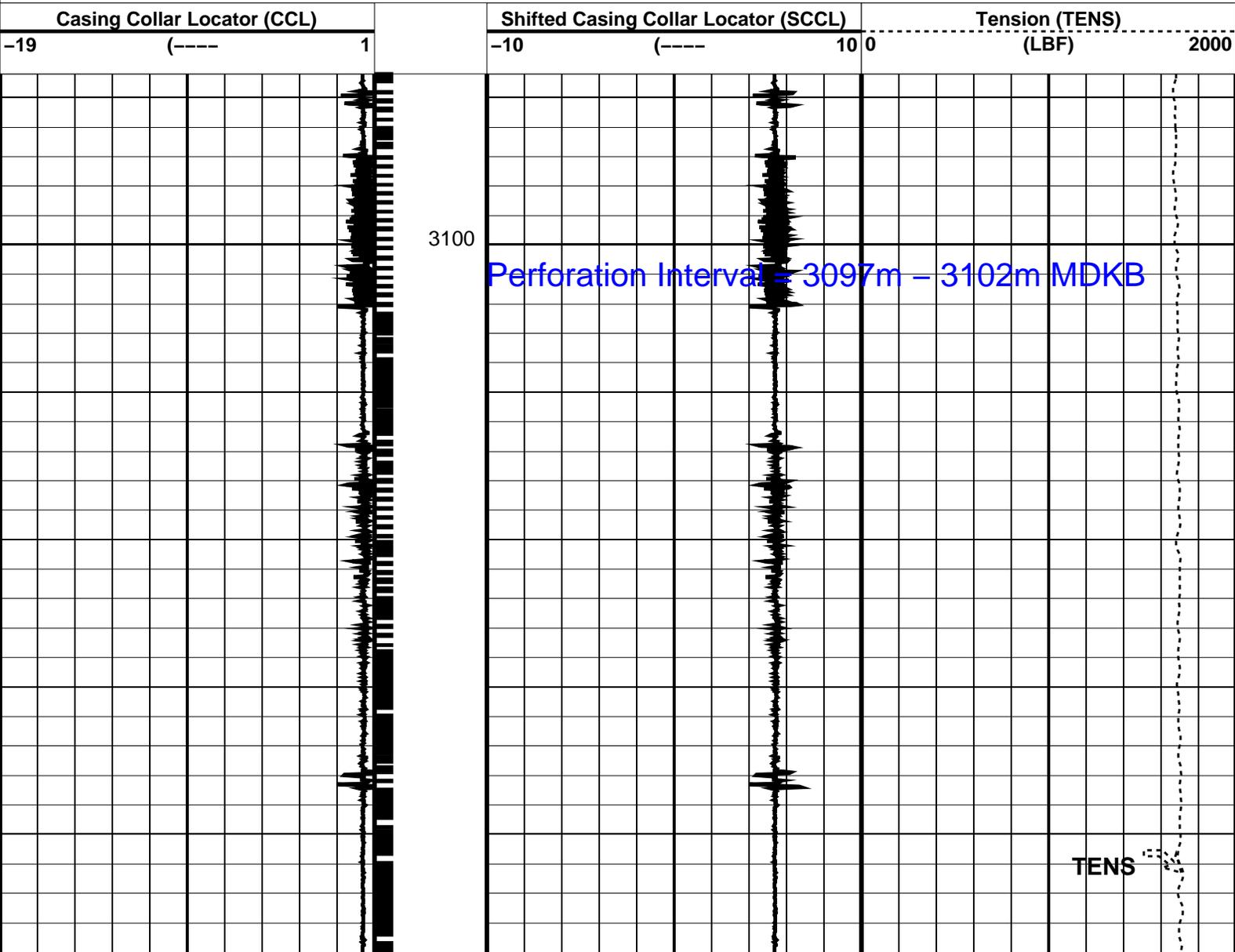
SRC-2820-ASFS-WPP_1
13C0-300

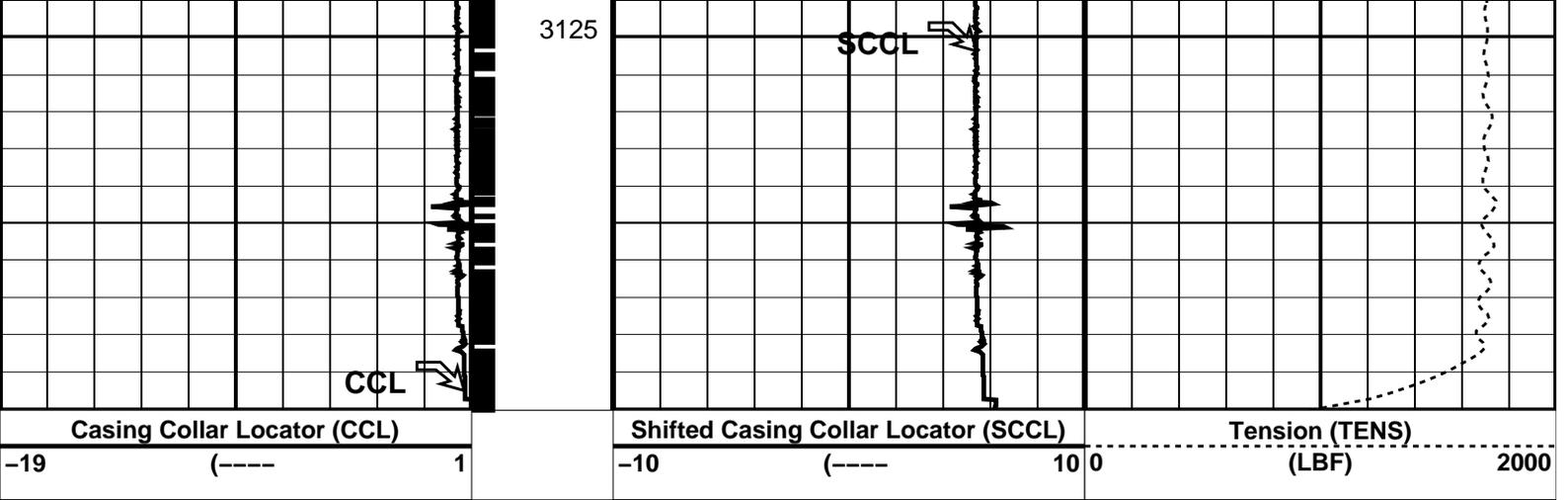
MPSU-CA

SRC-2820-ASFS-WPP_1

PIP SUMMARY

Casing Collars





PIP SUMMARY

└─ Casing Collars

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: 03-Nov-2005 15:45

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_018LUP FN:17 PRODUCER 03-Nov-2005 15:45



MPBT Dummy Plug
Correlation Pass

MAXIS Field Log

Company: ExxonMobil Well: TNA A-6L

Input DLIS Files

DEFAULT PSP_010LUP FN:9 PRODUCER 02-Nov-2005 16:49 3143.1 M 3044.0 M

Output DLIS Files

DEFAULT PSP_011PUP FN:10 PRODUCER 02-Nov-2005 16:59 3159.6 M 3061.0 M

OP System Version: 13C0-300
MCM

PSPT-A/B 13C0-300

PIP SUMMARY

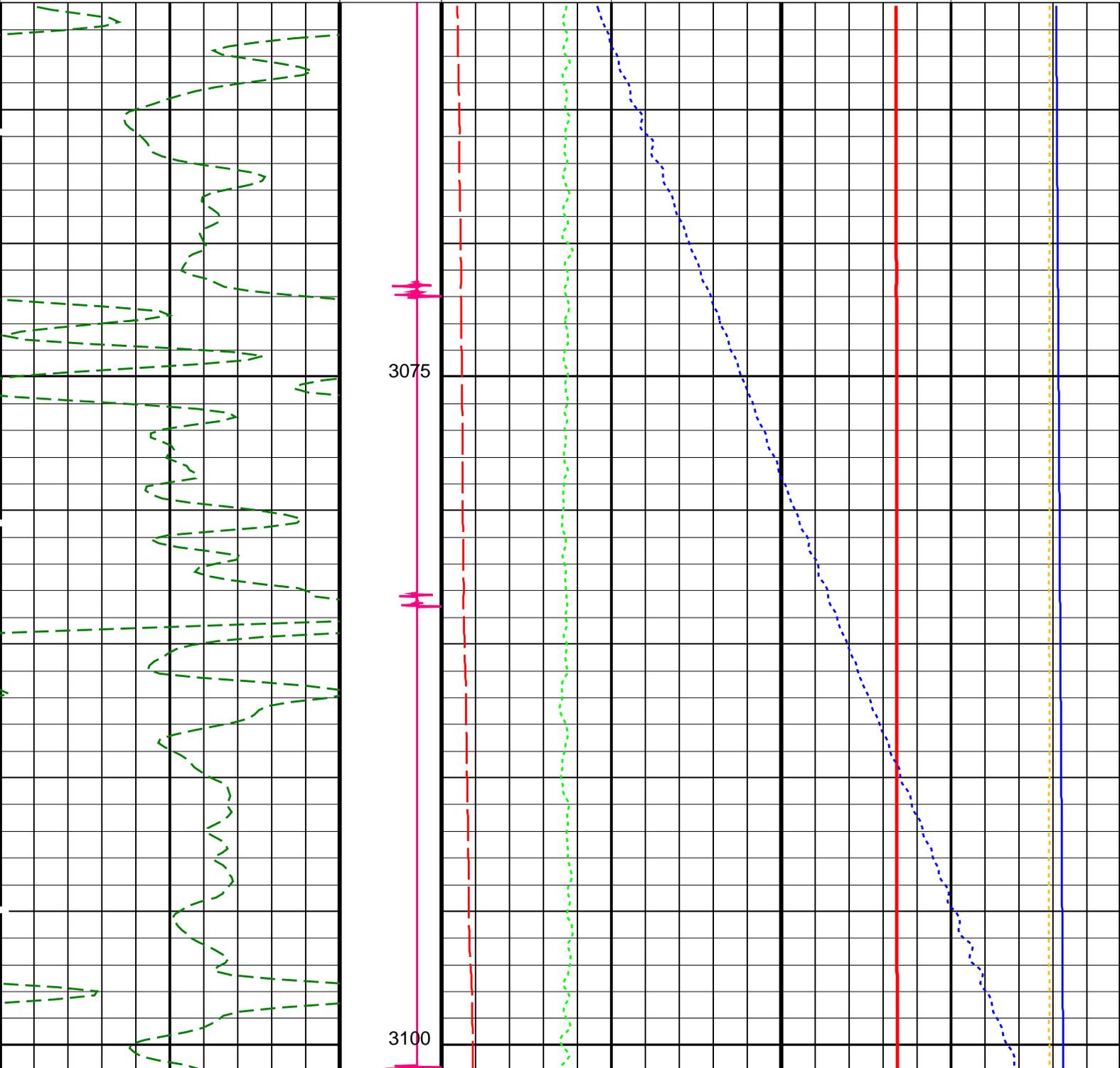
Time Mark Every 60 S

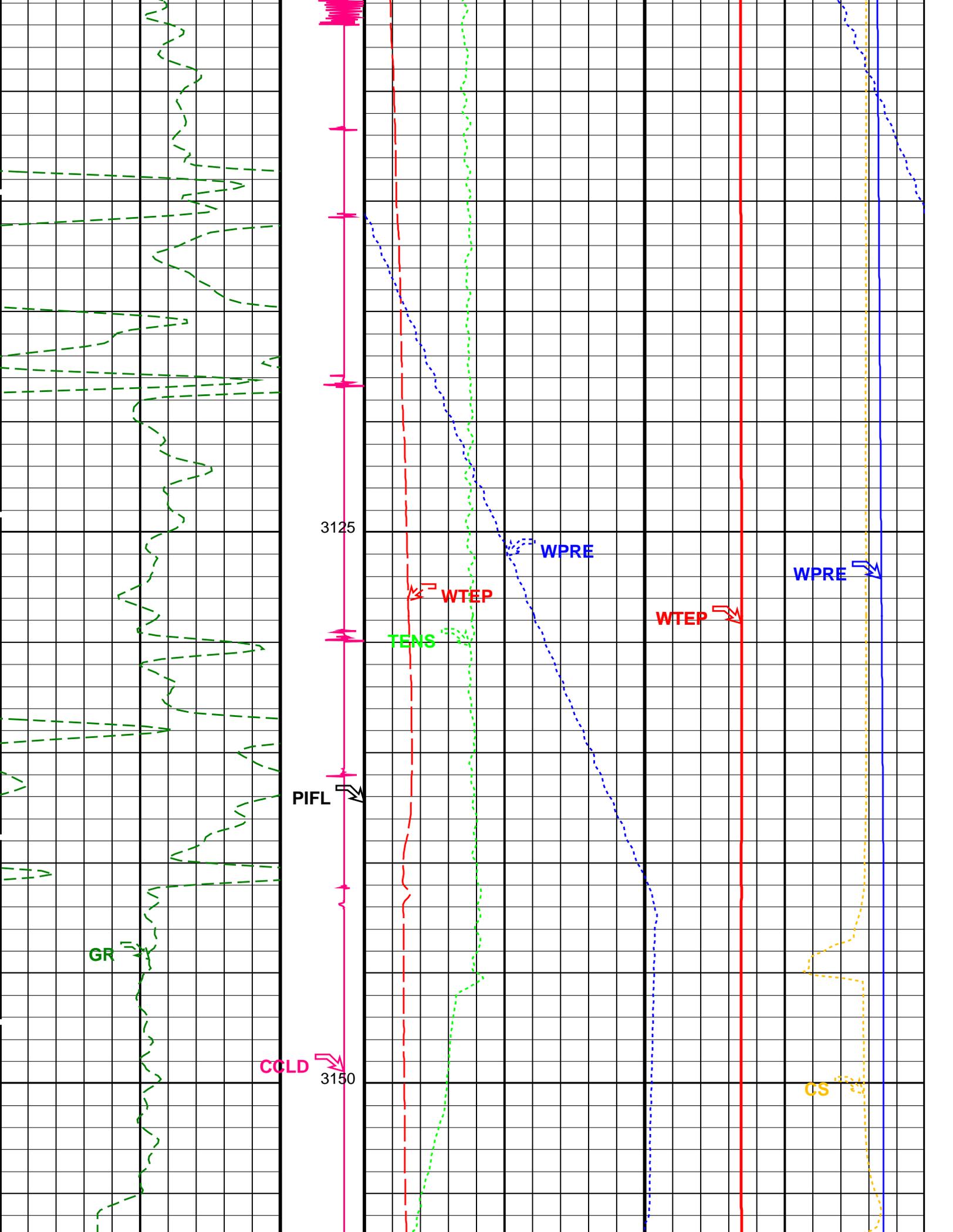
Amplified Well Pressure (WPPE)

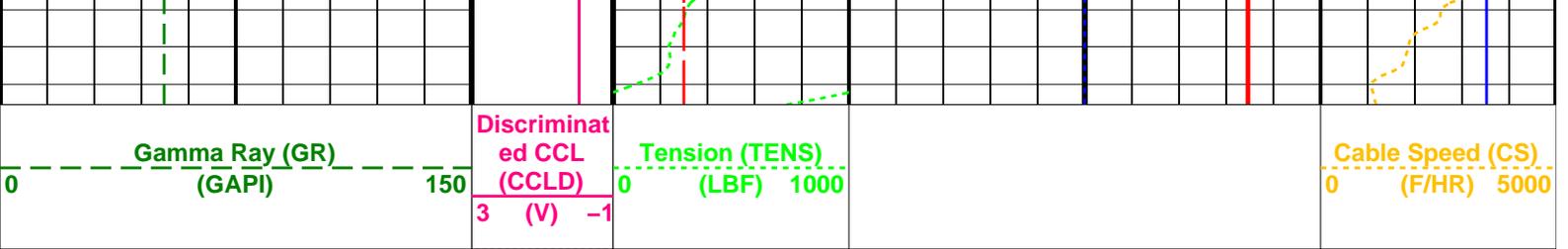
0	Amplified Well Pressure (WPKE) (PSIA)	50
0	Well Pressure (WPRE) (PSIA)	3000
0	Well Temperature (WTEP) (DEGF)	20
0	Well Temperature (WTEP) (DEGF)	300

Perfo
Zone
From
PERFO_
CURVE to
D3T

0	Gamma Ray (GR) (GAPI)	150	0	Tension (TENS) (LBF)	1000	0	Cable Speed (CS) (F/HR)	5000
3	Discriminat ed CCL (CCLD) (V)	-1						







	Discriminat ed CCL (CCLD) 3 (V) -1	Tension (TENS) (LBF) 1000	Cable Speed (CS) (F/HR) 5000
	Perfo Zone From PERFO_ CURVE to D3T	Well Temperature (WTEP) (DEGF) 0 300	
		Well Temperature (WTEP) (DEGF) 0 20	
		Well Pressure (WPRE) (PSIA) 0 3000	
		Amplified Well Pressure (WPRE) (PSIA) 0 50	

PIP SUMMARY

Time Mark Every 60 S
 Format: PSP_1 Vertical Scale: 1:200 Graphics File Created: 02-Nov-2005 16:59

OP System Version: 13C0-300
 MCM

PSPT-A/B 13C0-300

Parameters

DLIS Name	Description	Value
System and Miscellaneous		
DO PP	Depth Offset for Playback Playback Processing	16.4 M NORMAL

Input DLIS Files

DEFAULT	PSP_010LUP	FN:9	PRODUCER	02-Nov-2005 16:49	3143.1 M	3044.0 M
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Output DLIS Files

DEFAULT	PSP_011PUP	FN:10	PRODUCER	02-Nov-2005 16:59
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Company: **ExxonMobil**

Schlumberger

Well: **TNA A-6L**

Field: **Tuna**

Rig: **Prod 4**

Country: **Australia**

Dummy Plug
 7" MPBT Plug
 Dump Bailer Record