

[illegible]

Company: Esso Australia Pty Ltd.

Well: A3W

Field: Barracouta

Rig: Crane/Prod 2

Country: Australia

Field: Barracouta
Location: Gippsland
Well: A3W
Company: Esso Australia Pty Ltd.

7" Posiset Plug
Cement Dump
Record

LOCATION	
Gippsland	Elev.: K.B. 55.87 m
Basin	G.L. -45.70 m
Bass Strait	D.F. 55.87 m
Permanent Datum:	M.S.L.
Log Measured From:	D.F.
Drilling Measured From:	D.F.
Elev.: 24.40 m -24.40 m above Perm. Datum	

State: Victoria	Max. Well Deviation 2.5 deg	Longitude 147°40' 29" E	Latitude 38°17' 53" S
-----------------	-----------------------------	-------------------------	-----------------------

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

PVT DATA

Oil Density	
Water Salinity	
Gas Gravity	
Bo	
Bw	
1/Bg	
Bubble Point Pressure	
Bubble Point Temperature	
Solution GOR	
Maximum Deviation	2.5 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

Recorded By

Witnessed By

DEPTH SUMMARY LISTING

Date Created: 2-SEP-2008 9:50:43

Depth System Equipment

Depth Measuring Device		Tension Device		Logging Cable	
Type:	IDW-H	Type:	CMTD-B/A	Type:	2-32ZT
Serial Number:	794	Serial Number:	1711	Serial Number:	24187
Calibration Date:	08-Nov-2007	Calibration Date:	18-Aug-2008	Length:	5900 M
Calibrator Serial Number:	1009	Calibrator Serial Number:	1173	Conveyance Method: Wireline Rig Type: Rigless	
Calibration Cable Type:	2-32ZT	Calibration Gain:	1.10		
Wheel Correction 1:	-6	Calibration Offset:	-270.20		
Wheel Correction 2:	-2				

Depth Control Parameters

Log Sequence:	Subsequent Log In the Well
Reference Log Name:	Petrophysical Analysis BTA A-3W
Reference Log Run Number:	
Reference Log Date:	06-Apr-2005

Depth Control Remarks

1. Primary depth control is the IDW-H 794.
2. Back-up depth control was the Z-Chart.
3.
4.
5.
6.

DISCLAIMER

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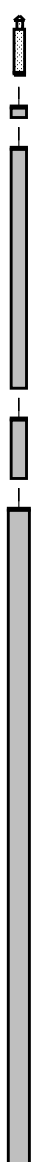

OTHER SERVICES1
OS1: None
OS2:
OS3:
OS4:
OS5:
REMARKS: RUN NUMBER 1
Log correlated to solar composite log provided by client .
Objectives:
Set 7" posiset Plug with top of seal to be set at 2699m MDKB
Dump 3.0m of cement on top of the MPBT in 3 runs with the 2-1/8" dump bailer.
Plug # 1
Top of seal: 2699m MDKB

CCL to Top of seal: 7.1m
CCL stop depth: 2691.9m
Crew: B Glover, G Blandford (Days)
P Battams, P Lawrence

RUN 1				
SERVICE ORDER #:		AUSL08678251		
PROGRAM VERSION:		16C0-147		
FLUID LEVEL:		530 m		
LOGGED INTERVAL	START	STOP		

EQUIPMENT DESCRIPTION				
RUN 1			RUN 2	

SURFACE EQUIPMENT			SURFACE EQUIPMENT	
MPBM			SHM-EA	

DOWNHOLE EQUIPMENT			DOWNHOLE EQUIPMENT	
MH-22		12.39	MH-22	
MH-22			MH-22	14.50
AH-38		11.91	AH-38	14.02
EQF-43		11.82	EQF-46	13.94
EQF-43			EQF-46	
CCL-L			CCL-L	
CCL-L		9.99	CCL-L	12.11
MPSU-CA		9.54	AH--X-Over	11.65
MPSU-CA			AH--X-Over	
			AH-35'Dump Bailer	11.33
			AH-35'Dump Bailer	

MPEX-EA_L
MPEX-EA_L 81

3.12

TOOL BOTTOM

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

AH-EEHB
AH-EEHB

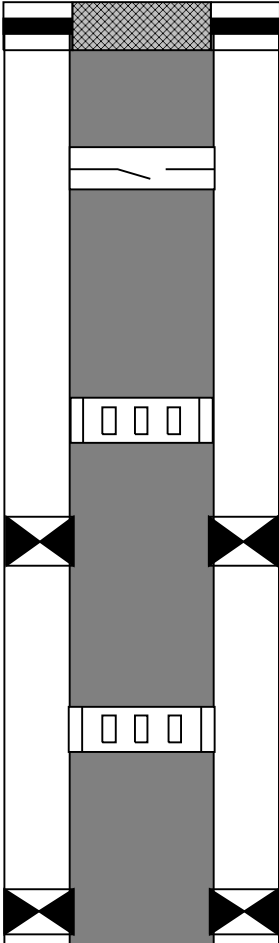
0.66

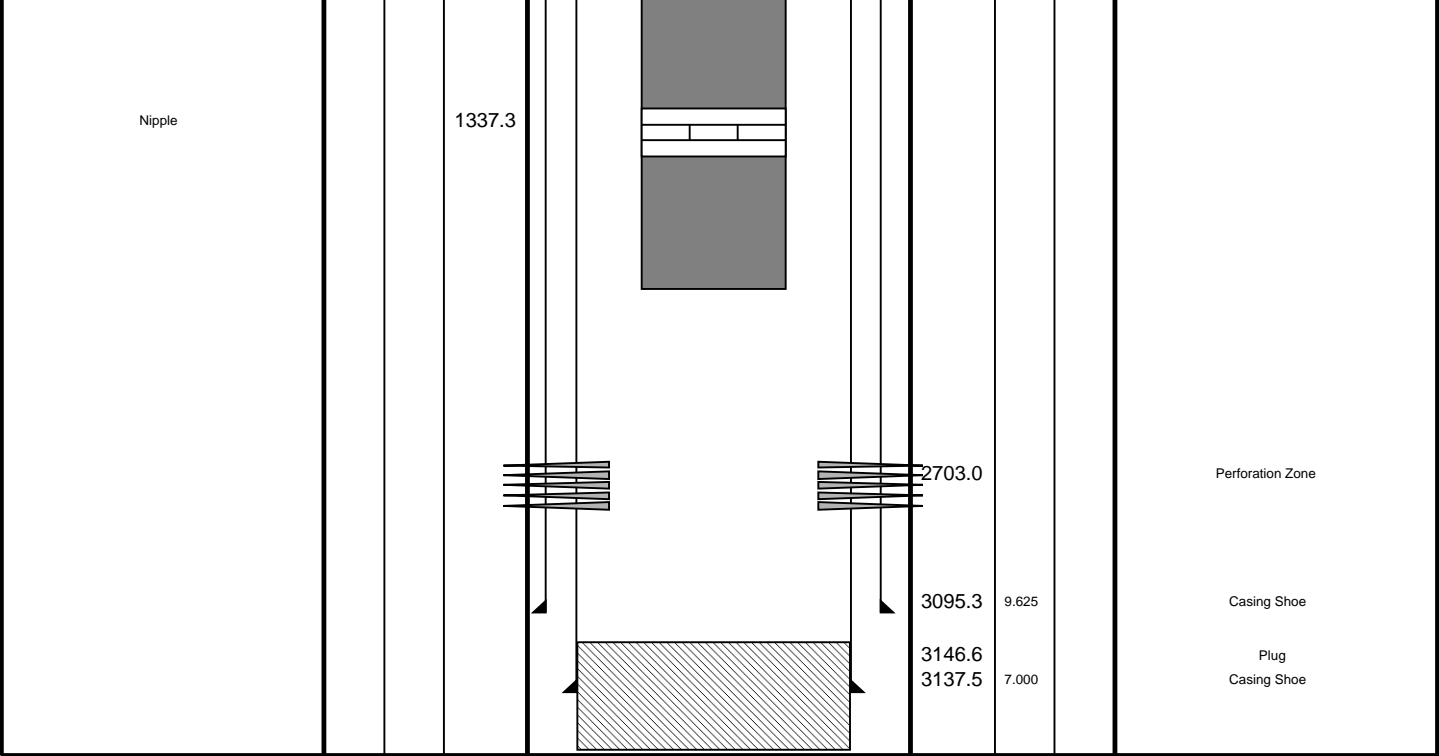
SHM_GUN

TOOL BOTTOM

0.00

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

Production String	(in)		(m)	Well Schematic	(m)	(in)		Casing String
	OD	ID	MD		MD	OD	ID	
Tubing Hanger Tubing	7.000	3.500	39.9		33.5	7.000		Casing String
	3.500		39.9		40.8	9.625		Casing String
Injection Valve			449.5					
Sliding Sleeve			890.0					
Packer		3.500	914.3					
Sliding Sleeve			929.9					
					1082.5			Squeezed Perforation Zone,
Packer		3.500	1331.8					



Schlumberger

Job Events Summary

MAXIS Field Log

Schlumberger Job Event Summary

Time	Elapsed Time	Depth (M)	File
Log Pass (up)	3-Sep-2008 2:35	000:04	2917.5 - 2882.3 PSP_093LUP
Log Pass (up)	3-Sep-2008 2:39	000:17	2882.2 - 2645.1 PSP_094LUP
Log Pass (up)	3-Sep-2008 6:52	000:04	2716.1 - 2670.4 CCL_102LUP
Simulated Log	3-Sep-2008 7:14	000:27	CCL_104LUP
Log Pass (up)	3-Sep-2008 7:43	000:02	2691.8 - 2640.9 CCL_105LUP
Log Pass (up)	3-Sep-2008 11:34	000:04	2691.8 - 2651.5 PERFO_113LUP
Log Pass (up)	3-Sep-2008 14:40	000:06	2691.2 - 2641.3 PERFO_117LUP
Log Pass (up)	3-Sep-2008 17:06	000:05	2688.6 - 2644.3 PERFO_121LUP
Log Pass (up)	3-Sep-2008 21:12	000:07	2686.5 - 2635.1 PERFO_135LUP

Output DLIS Files

DEFAULT

PERFO_135LUP

FN:128 PRODUCER 03-Sep-2008 21:12

OP System Version: 16C0-147

MCM

SHM_GUN

16C0-147

CCL-L

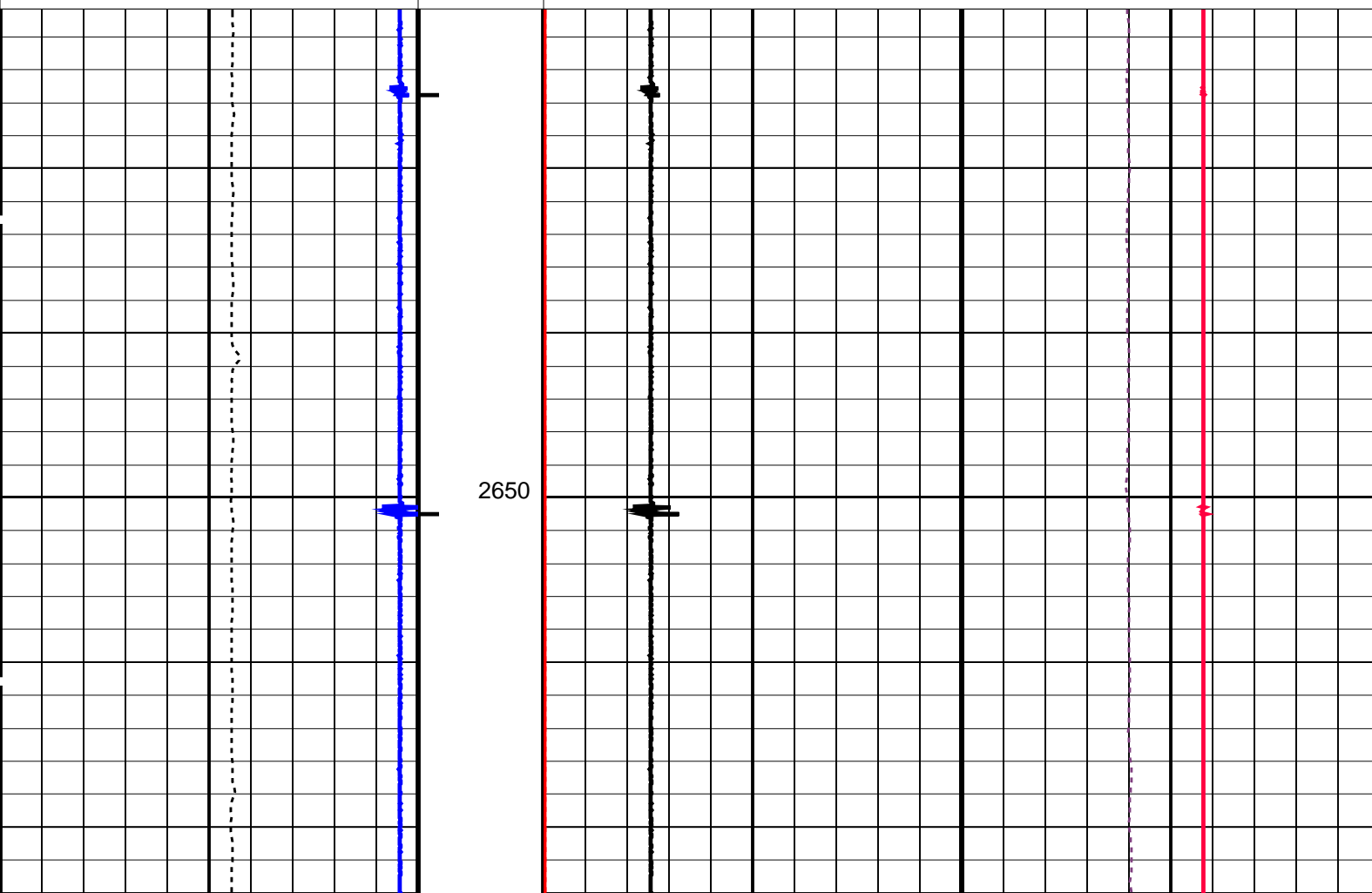
16C0-147

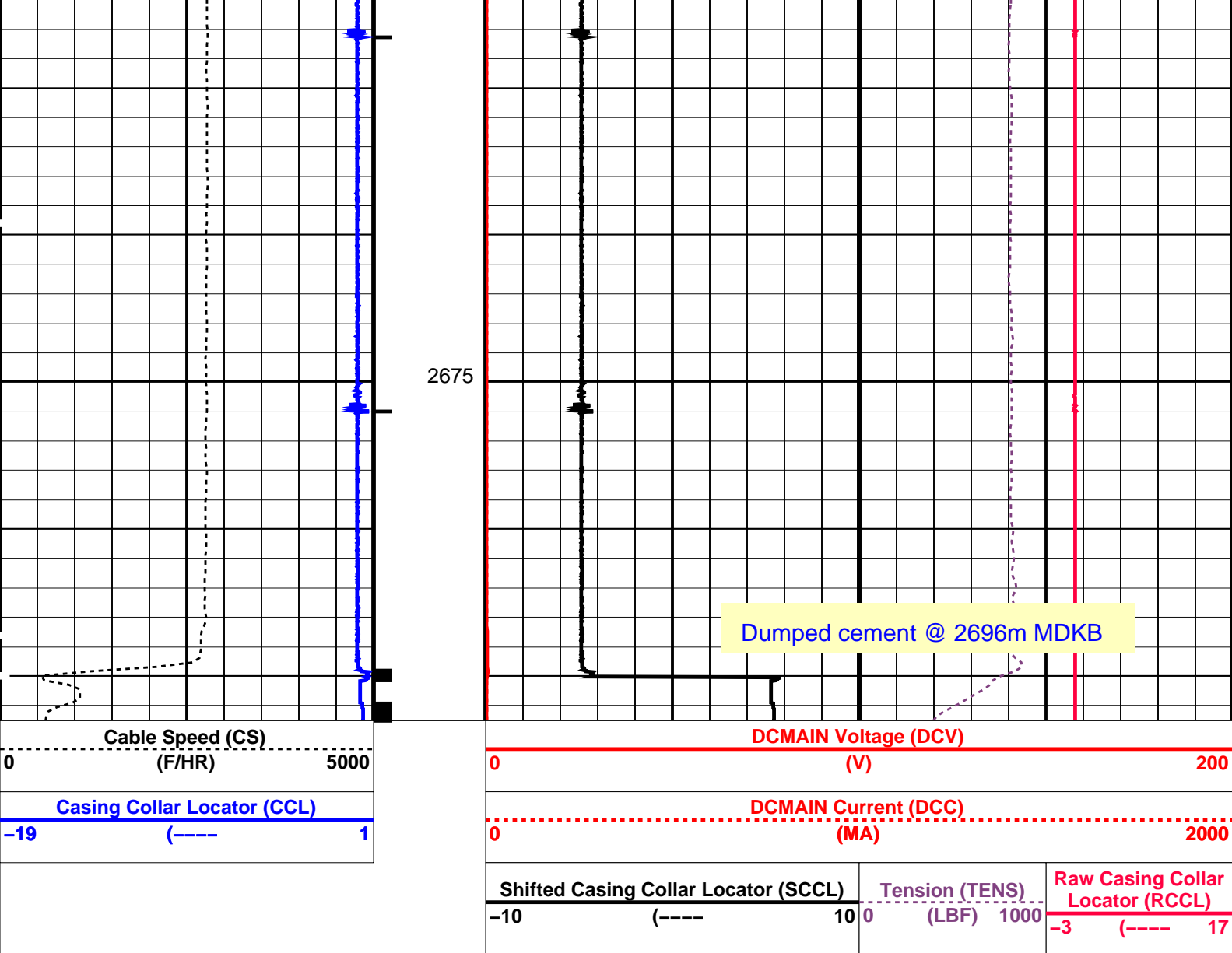
PIP SUMMARY

└ Casing Collars

Time Mark Every 60 S

Shifted Casing Collar Locator (SCCL)		Tension (TENS)		Raw Casing Collar Locator (RCCL)
-10	(----	10	0 (LBF) 1000	-3 (---- 17
Casing Collar Locator (CCL)		DCMAIN Current (DCC)		
-19	(----	1	0 (MA) 2000	
Cable Speed (CS)		DCMAIN Voltage (DCV)		
0	(F/HR) 5000	0	(V) 200	





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: 03-Sep-2008 21:12

OP System Version: 16C0-147

MCM

SHM_GUN 16C0-147 CCL-L 16C0-147

Output DLIS Files

DEFAULT PERFO_135LUP FN:128 PRODUCER 03-Sep-2008 21:12

Input DLIS Files

DEFAULT PERFO_121LUP FN:114 PRODUCER 03-Sep-2008 17:06 2688.6 M 2644.3 M

Output DLIS Files

DEFAULT PERFO_122PUP FN:115 PRODUCER 03-Sep-2008 17:14 2686.8 M 2642.5 M

OP System Version: 16C0-147

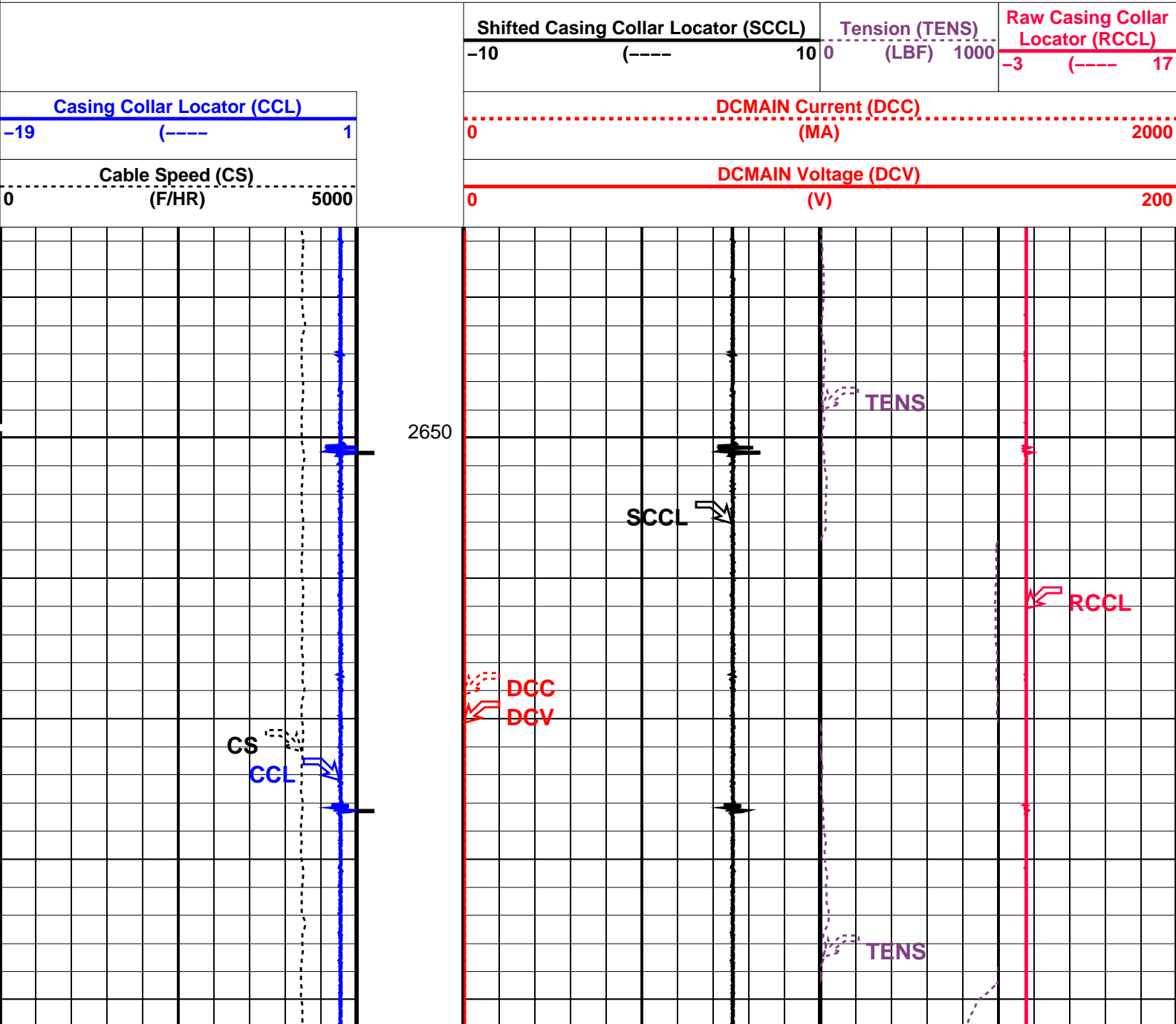
MCM

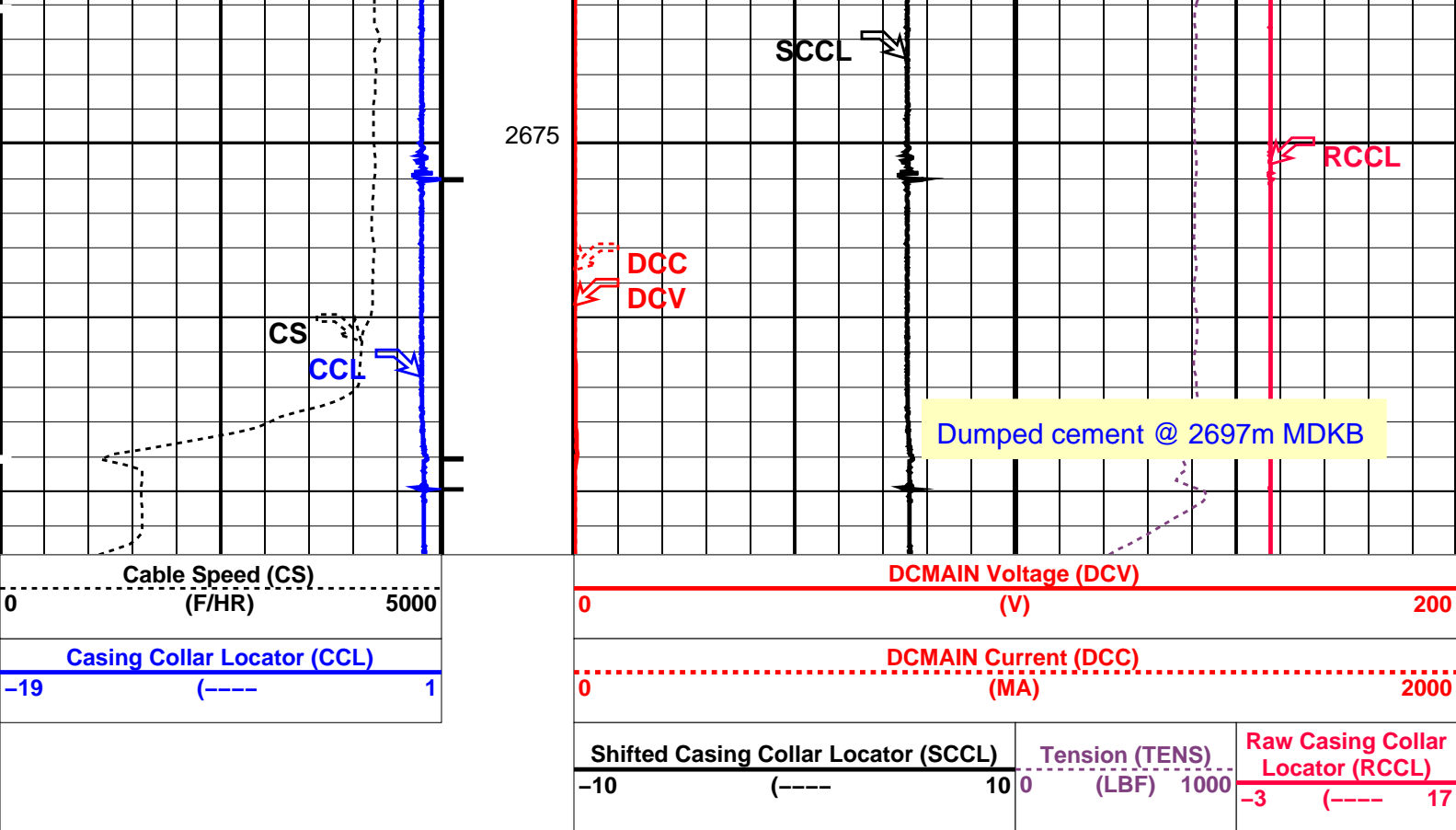
SHM_GUN 16C0-147 CCL-L 16C0-147

PIP SUMMARY

Casing Collars

Time Mark Every 60 S





PIP SUMMARY

← Casing Collars

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	
DO	System and Miscellaneous	
PP	Depth Offset for Playback	-1.8 M
	Playback Processing	NORMAL

Format: PERFO Vertical Scale: 1:200

Graphics File Created: 03-Sep-2008 17:14

OP System Version: 16C0-147

MCM

SHM_GUN 16C0-147 CCL-L 16C0-147

Input DLIS Files

DEFAULT PERFO_121LUP FN:114 PRODUCER 03-Sep-2008 17:06 2688.6 M 2644.3 M

Output DLIS Files

DEFAULT PERFO_122PUP FN:115 PRODUCER 03-Sep-2008 17:14

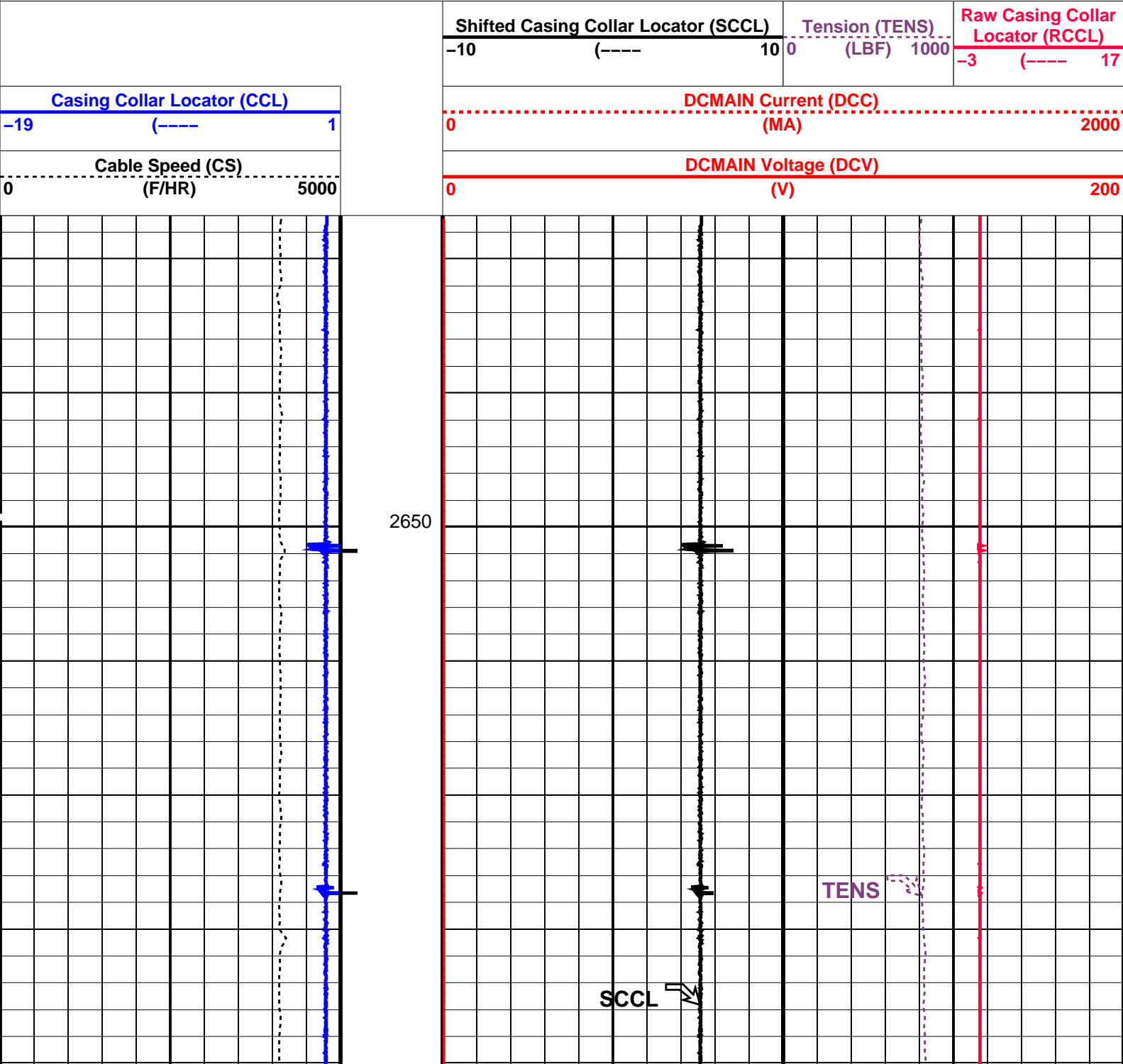
Schlumberger

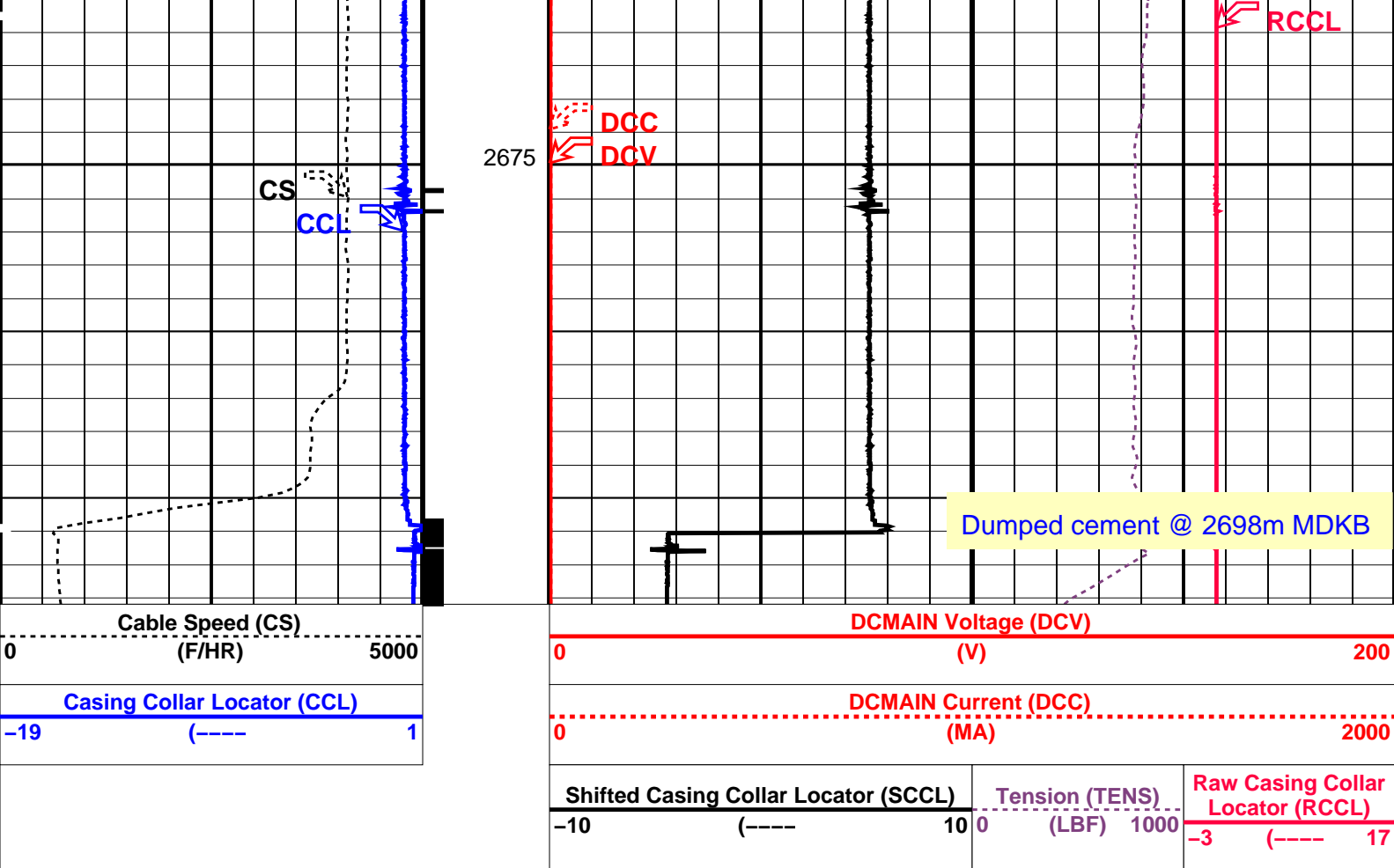
Cement Dump Pass # 1

Input DLIS Files					
DEFAULT	PERFO_117LUP	FN:110	PRODUCER	03-Sep-2008 14:40	2691.2 M 2641.3 M
Output DLIS Files					
DEFAULT	PERFO_118PUP	FN:111	PRODUCER	03-Sep-2008 14:47	2688.2 M 2638.3 M

OP System Version: 16C0-147					
MCM					
SHM_GUN	16C0-147	CCL-L	16C0-147		

PIP SUMMARY	
<div>Time Mark Every 60 S</div>	<div>Casing Collars</div>





PIP SUMMARY

Time Mark Every 60 S

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
DO	CCL Detection Level	-3.0 M
PP	System and Miscellaneous	NORMAL
	Depth Offset for Playback	
	Playback Processing	

Format: PERFO Vertical Scale: 1:200

Graphics File Created: 03-Sep-2008 14:47

OP System Version: 16C0-147

MCM

SHM_GUN 16C0-147 CCL-L 16C0-147

Input DLIS Files

DEFAULT PERFO_117LUP FN:110 PRODUCER 03-Sep-2008 14:40 2691.2 M 2641.3 M

Output DLIS Files

DEFAULT PERFO_118PUP FN:111 PRODUCER 03-Sep-2008 14:47

Schlumberger

Water Dump Pass

Input DLIS Files

DEFAULT PERFO_113LUP FN:106 PRODUCER 03-Sep-2008 11:34 2691.8 M 2651.5 M

Output DLIS Files

DEFAULT PERFO_114PUP FN:107 PRODUCER 03-Sep-2008 11:40 2688.8 M 2648.4 M

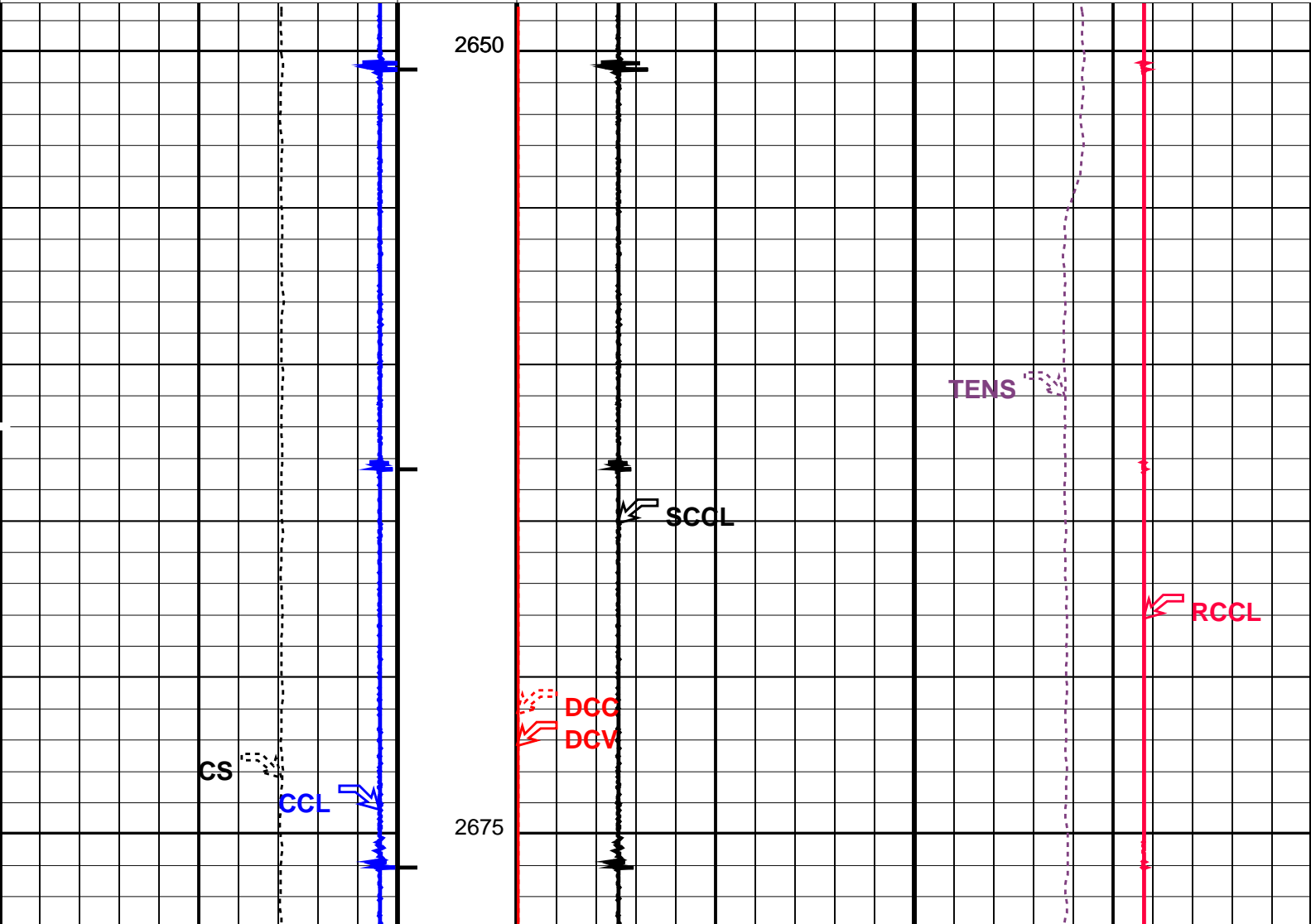
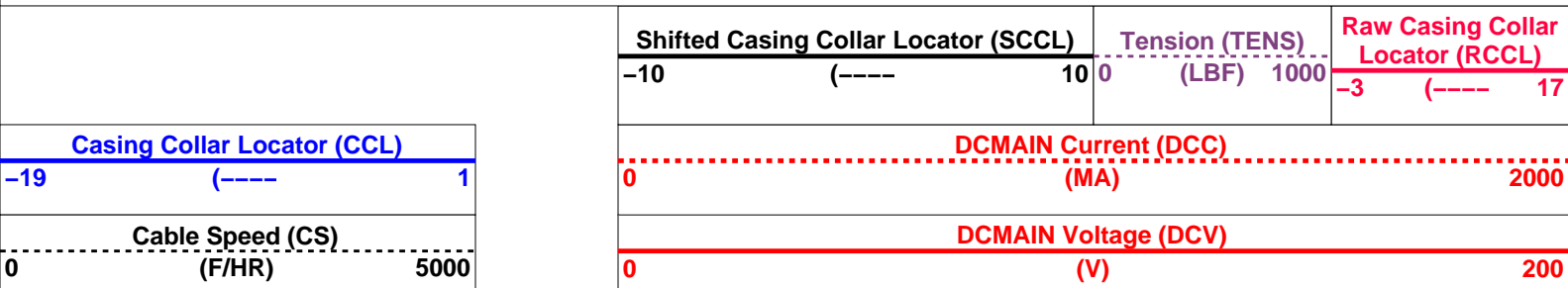
OP System Version: 16C0-147
MCM

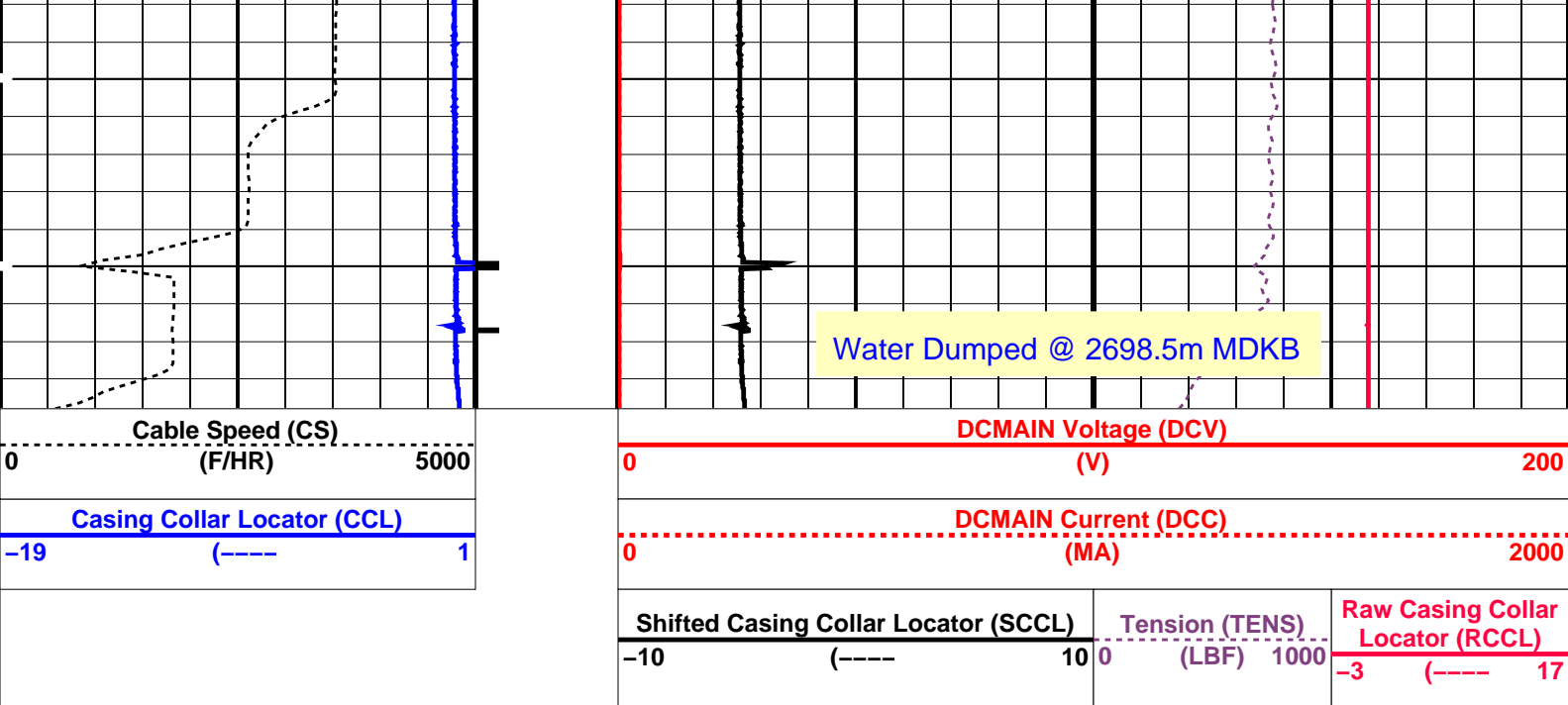
SHM_GUN 16C0-147 CCL-L 16C0-147

PIP SUMMARY

Casing Collars

Time Mark Every 60 S





PIP SUMMARY

Time Mark Every 60 S

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	
DO	System and Miscellaneous	
PP	Depth Offset for Playback	-3.0 M
	Playback Processing	NORMAL

Format: PERFO Vertical Scale: 1:200 Graphics File Created: 03-Sep-2008 11:40

OP System Version: 16C0-147			
MCM			
SHM_GUN	16C0-147	CCL-L	16C0-147

Input DLIS Files					
DEFAULT	PERFO_113LUP	FN:106	PRODUCER	03-Sep-2008 11:34	2691.8 M 2651.5 M
Output DLIS Files					
DEFAULT	PERFO_114PUP	FN:107	PRODUCER	03-Sep-2008 11:40	



7" Posiset Plug
Log Away From Setting

MAXIS Field Log

Output DLIS Files	
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OP System Version: 16C0-147

MCM

MPEX-EA_L16C0-147

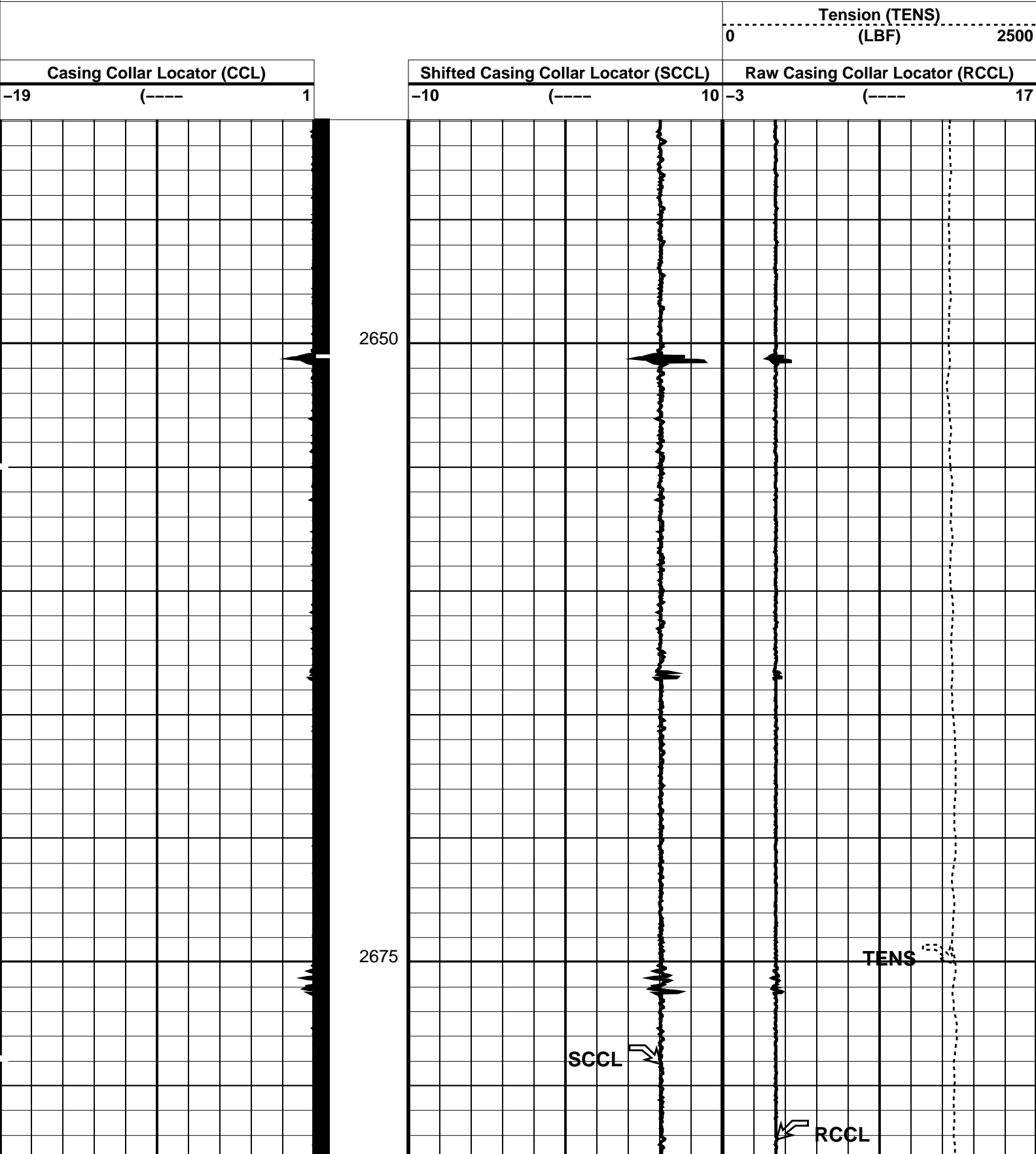
CCL-L16C0-147

MPSU-CA16C0-147

PIP SUMMARY

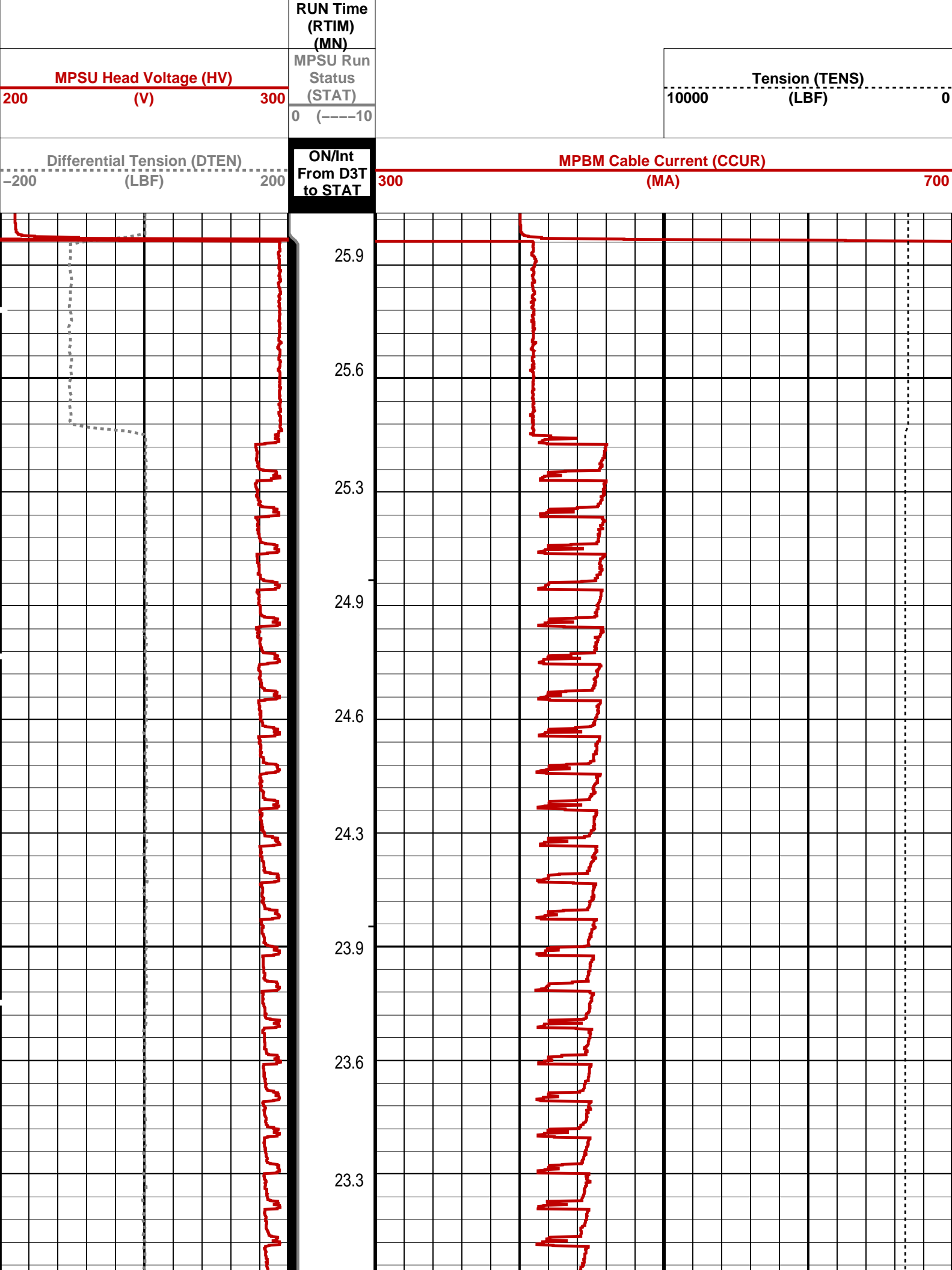
└─ Casing Collars

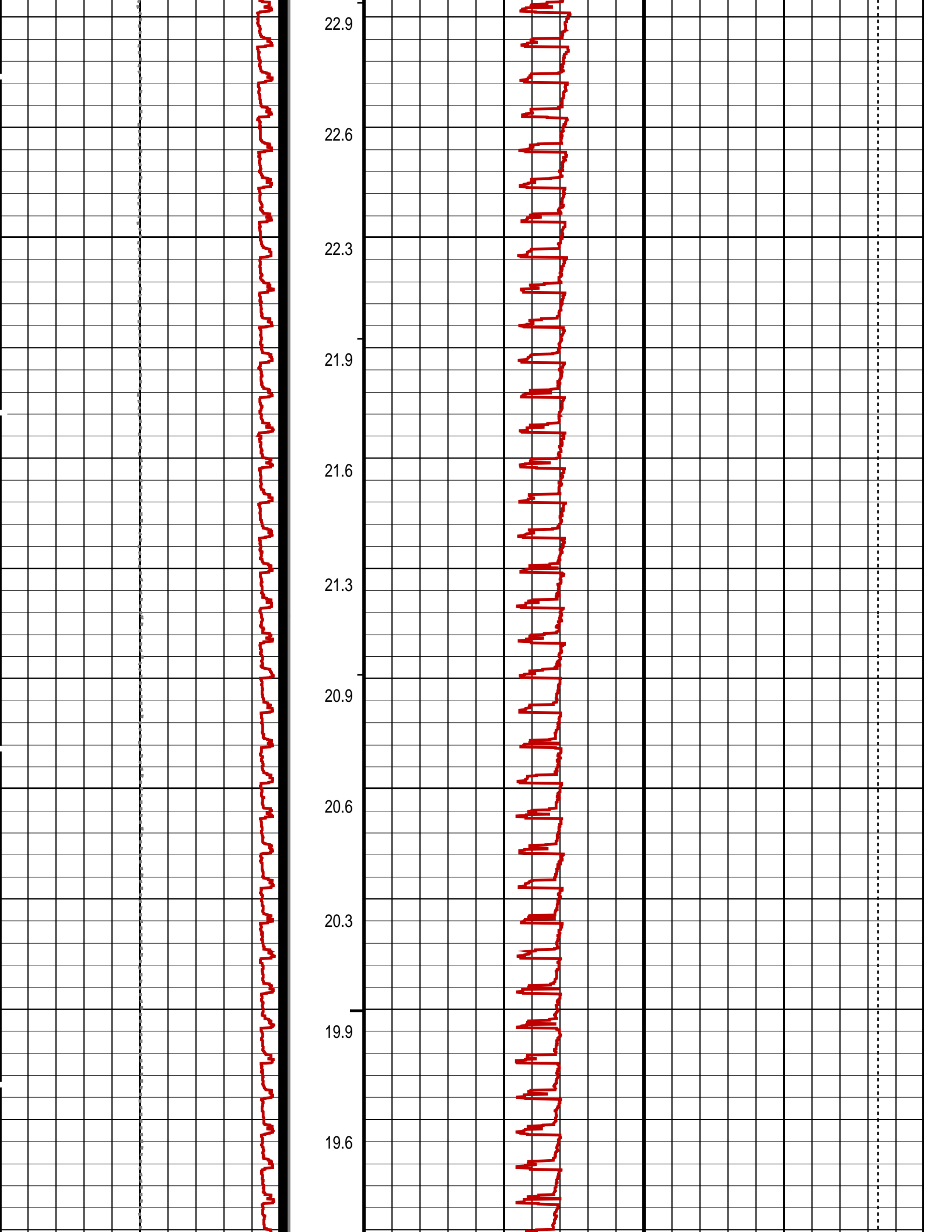
Time Mark Every 60 S

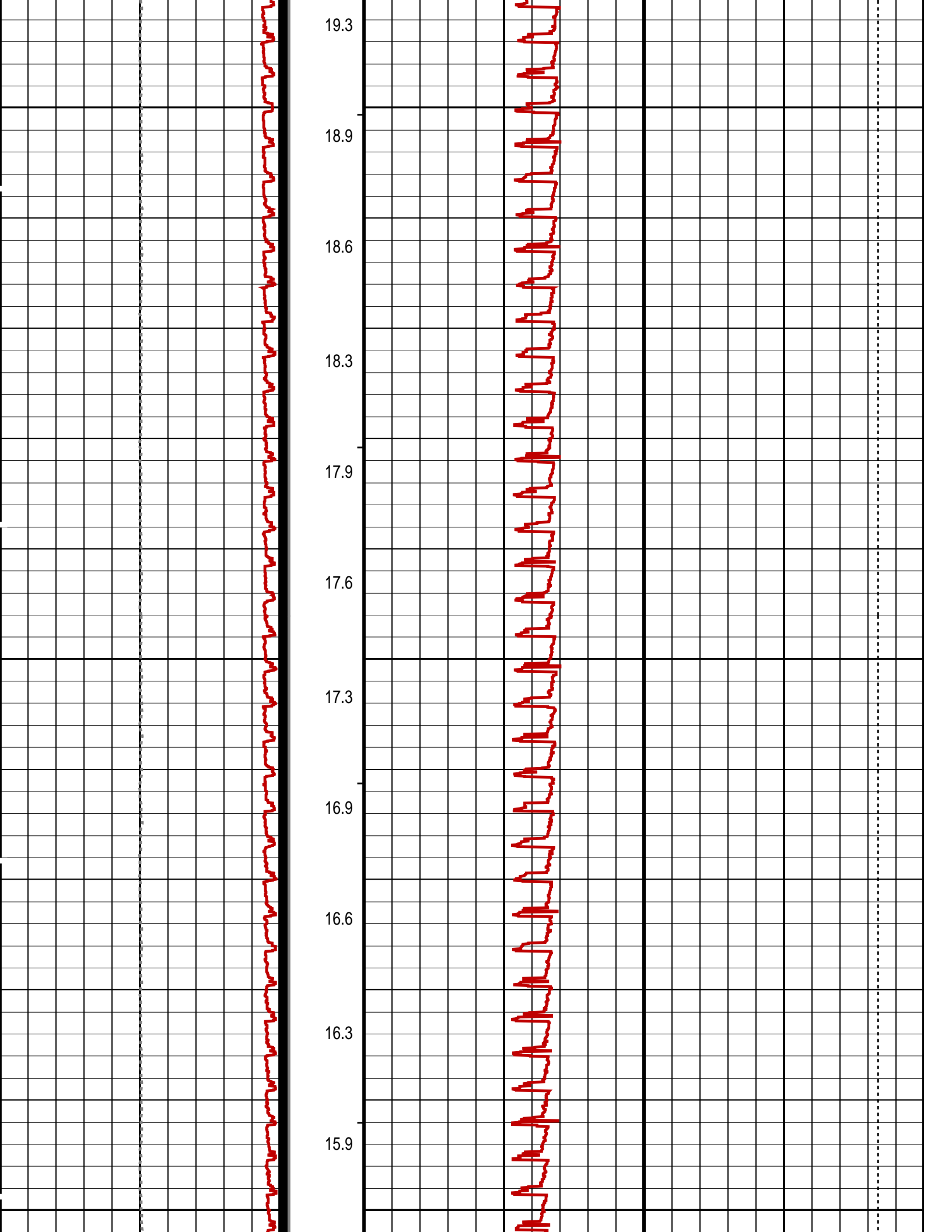


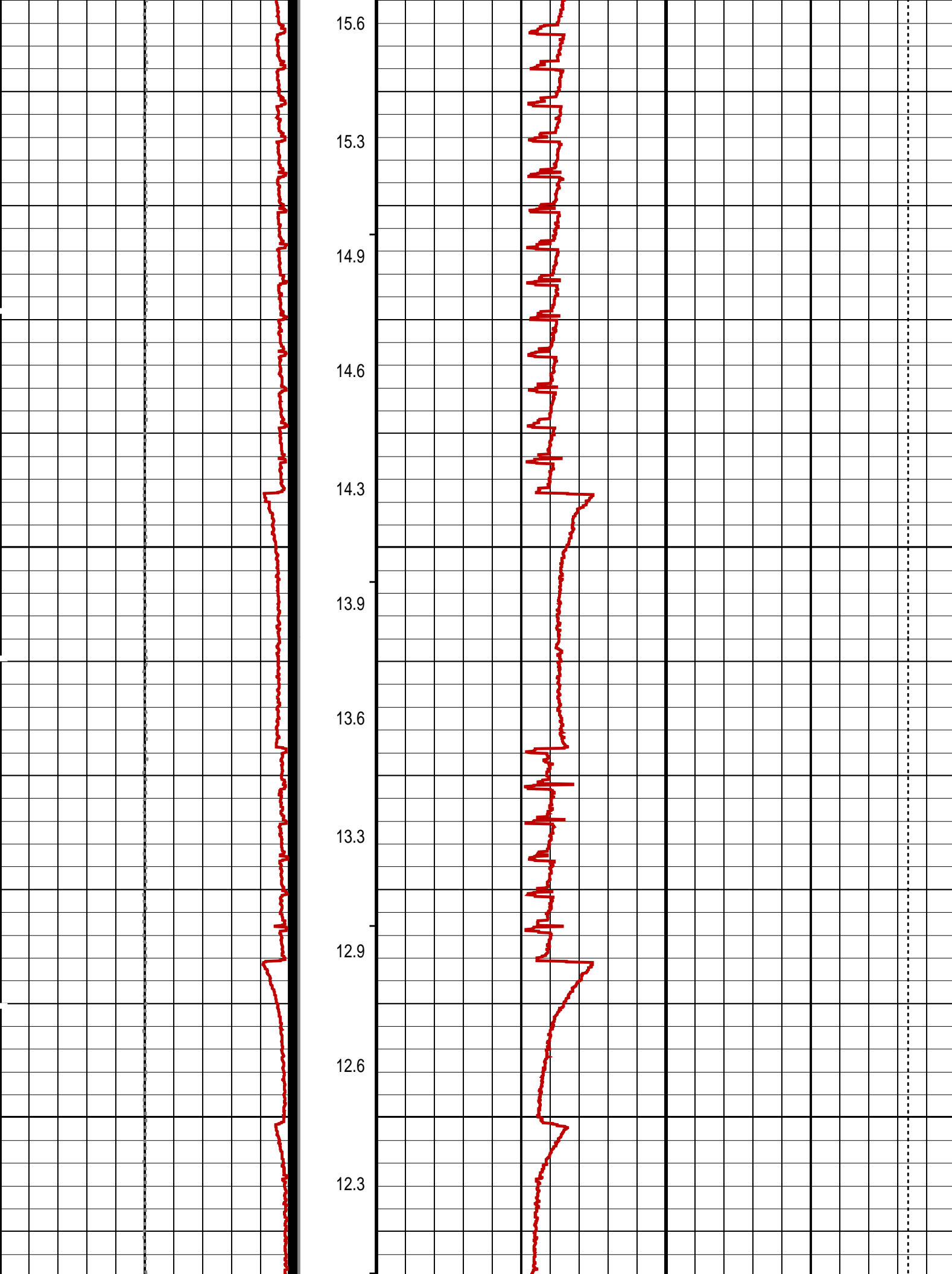
The figure displays three side-by-side plots comparing different Casing Collar Locator (CCL) signals. The x-axis for all plots is Tension (TENS) in LBF, ranging from -19 to 1 for CCL, -10 to 10 for SCCL, and -3 to 17 for RCCL. The y-axis is labeled Tension (TENS) (LBF) with a scale from 0 to 2500.

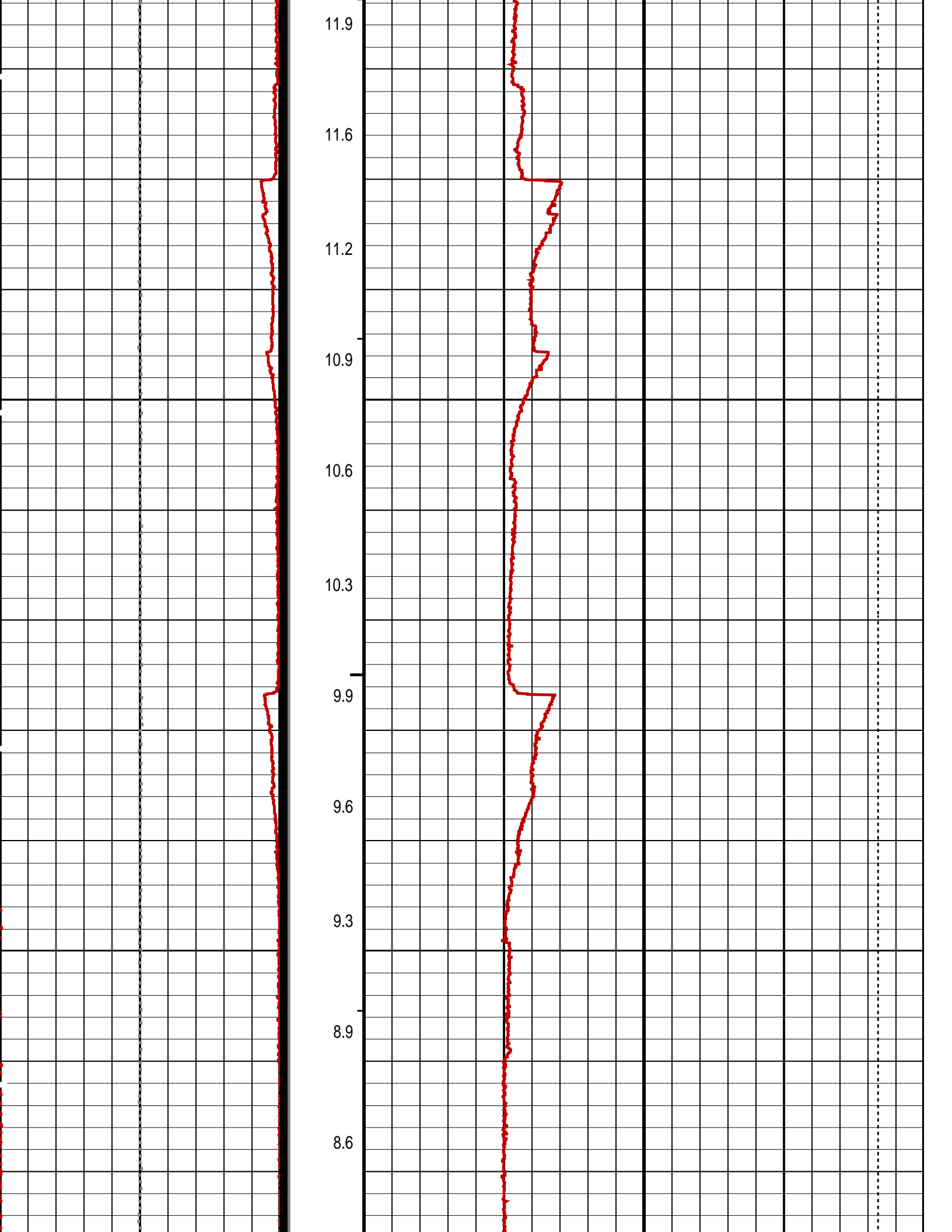
- Casing Collar Locator (CCL):** Shows a sharp peak at 1.
- Shifted Casing Collar Locator (SCCL):** Shows a sharp peak at 10.
- Raw Casing Collar Locator (RCCL):** Shows a sharp peak at 17.

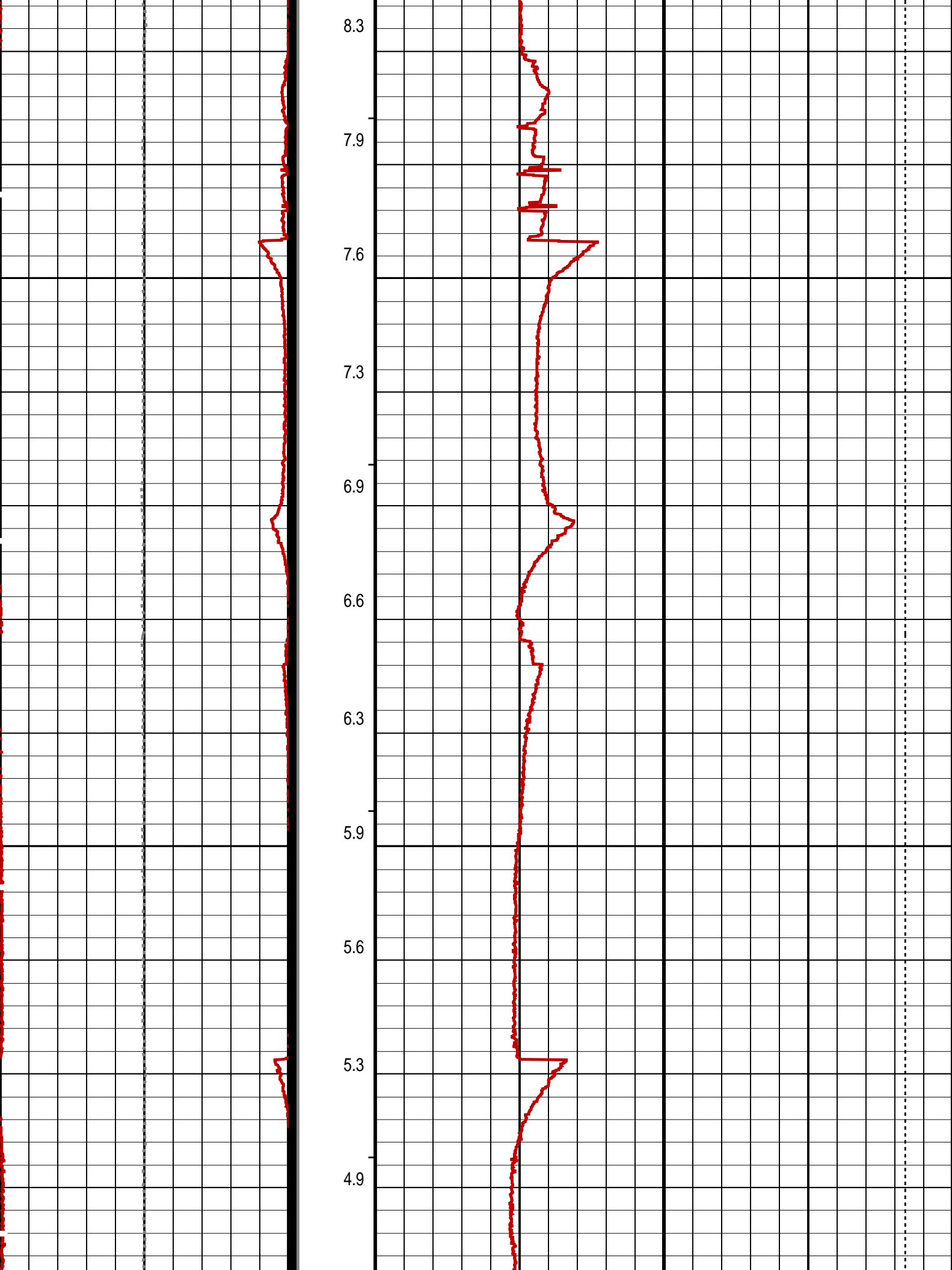


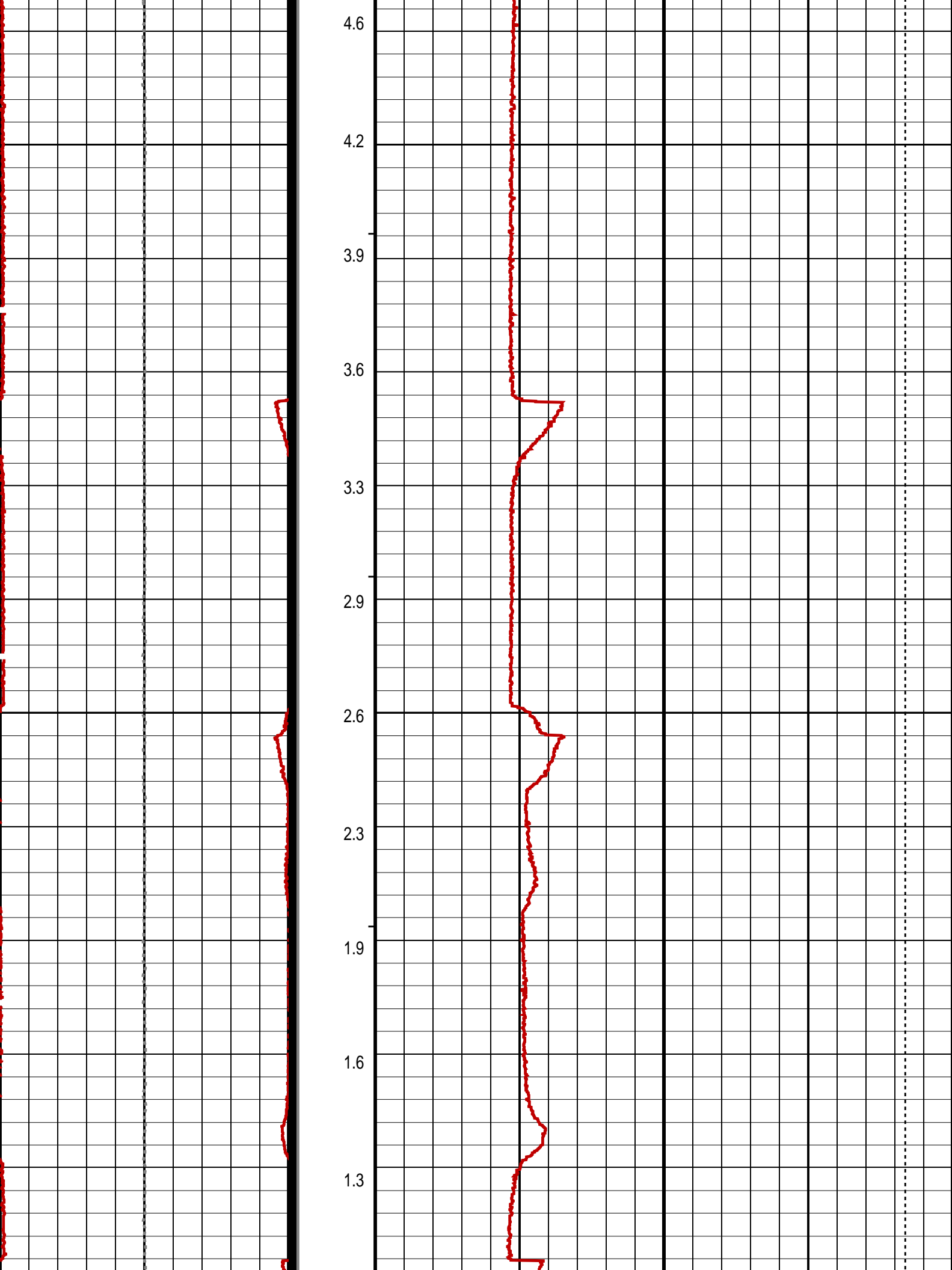


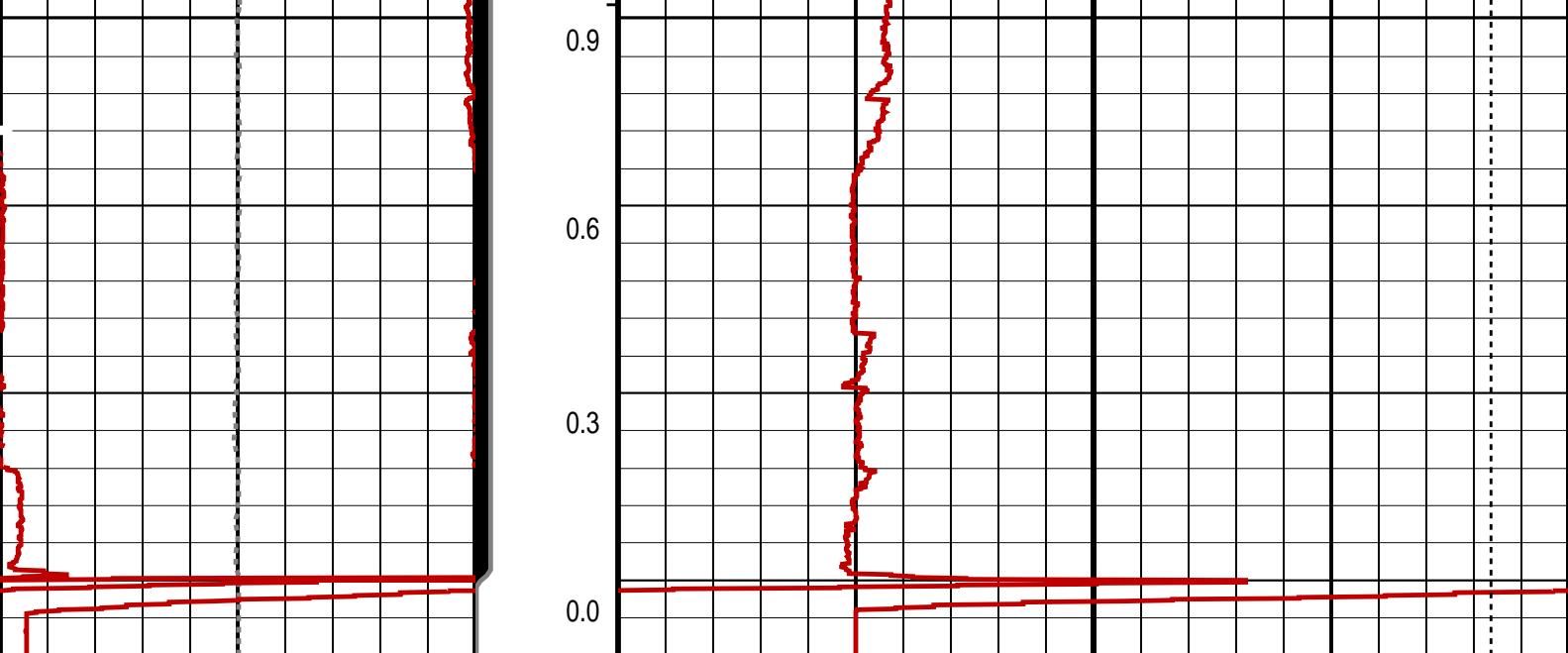












Differential Tension (DTEN) (LBF)	ON/Int From D3T to STAT	MPBM Cable Current (CCUR) (MA)
-200 200		300 700
MPSU Head Voltage (HV) (V)	MPSU Run Status (STAT)	Tension (TENS) (LBF)
200 300	0 (----10)	10000 0
	RUN Time (RTIM) (MN)	

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: 1:200 Graphics File Created: 03-Sep-2008 07:14

OP System Version: 16C0-147

MCM

MPEX-EA_L	16C0-147	MPSU-CA	16C0-147
CCL-L	16C0-147		

Output DLIS Files

DEFAULT	CCL_104LUP	FN:98	PRODUCER	03-Sep-2008 07:14
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Schlumberger

Plug Correlation Pass

Input DLIS Files

DEFAULTCCL_102LUPFN:96PRODUCER03-Sep-2008 06:522716.1 M2670.4 M

Output DLIS Files

DEFAULTCCL_103PUPFN:97PRODUCER03-Sep-2008 06:572716.5 M2670.8 M

OP System Version: 16C0-147

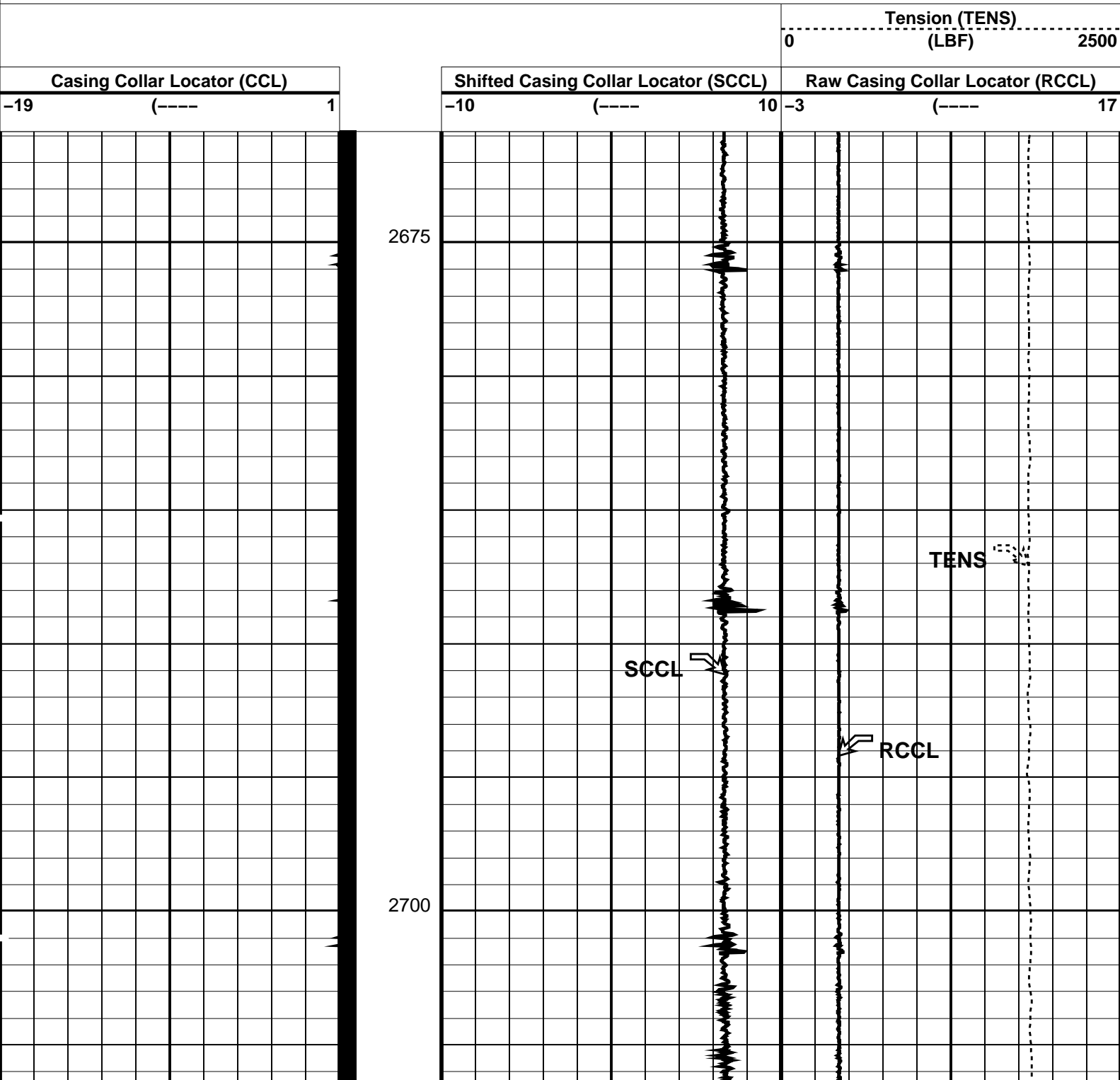
MCM

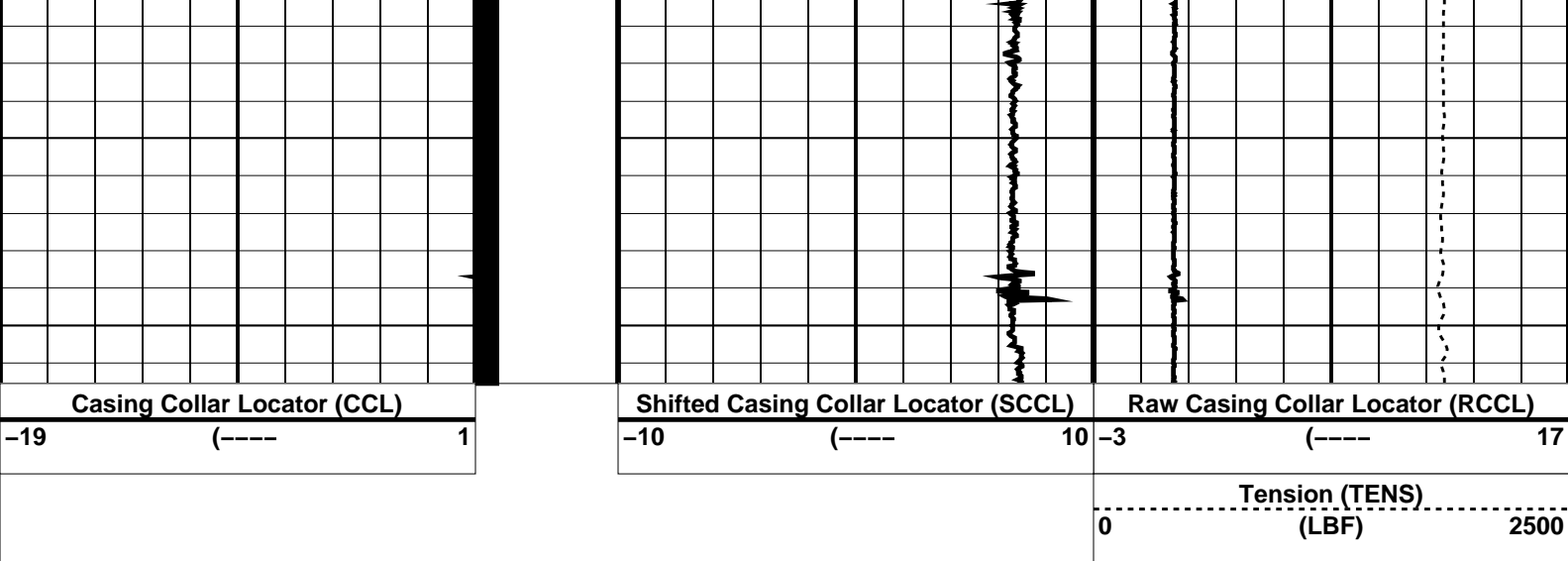
MPEX-EA_L16C0-147MPSU-CA16C0-147CCL-L16C0-147

PIP SUMMARY

Time Mark Every 60 S

Casing Collars





PIP SUMMARY

Time Mark Every 60 S ← 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		
DO	System and Miscellaneous	0.5	M
PP	Depth Offset for Playback		
	Playback Processing	NORMAL	

Format: Perfo Plug Vertical Scale: 1:200 Graphics File Created: 03-Sep-2008 06:57

OP System Version: 16C0-147			
MCM			
MPEX-EA_L	16C0-147	MPSU-CA	16C0-147
CCL-L	16C0-147		

Input DLIS Files					
DEFAULT	CCL_102LUP	FN:96	PRODUCER	03-Sep-2008 06:52	2716.1 M 2670.4 M
Output DLIS Files					
DEFAULT	CCL_103PUP	FN:97	PRODUCER	03-Sep-2008 06:57	



Dummy Plug Pass
2645m to 2882m MDKB

MAXIS Field Log

Company: Esso Australia Pty Ltd. Well: A3W

Input DLIS Files					
DEFAULT	PSP_094LUP	FN:88	PRODUCER	03-Sep-2008 02:39	2882.2 M 2645.1 M
Output DLIS Files					

OP System Version: 16C0-147

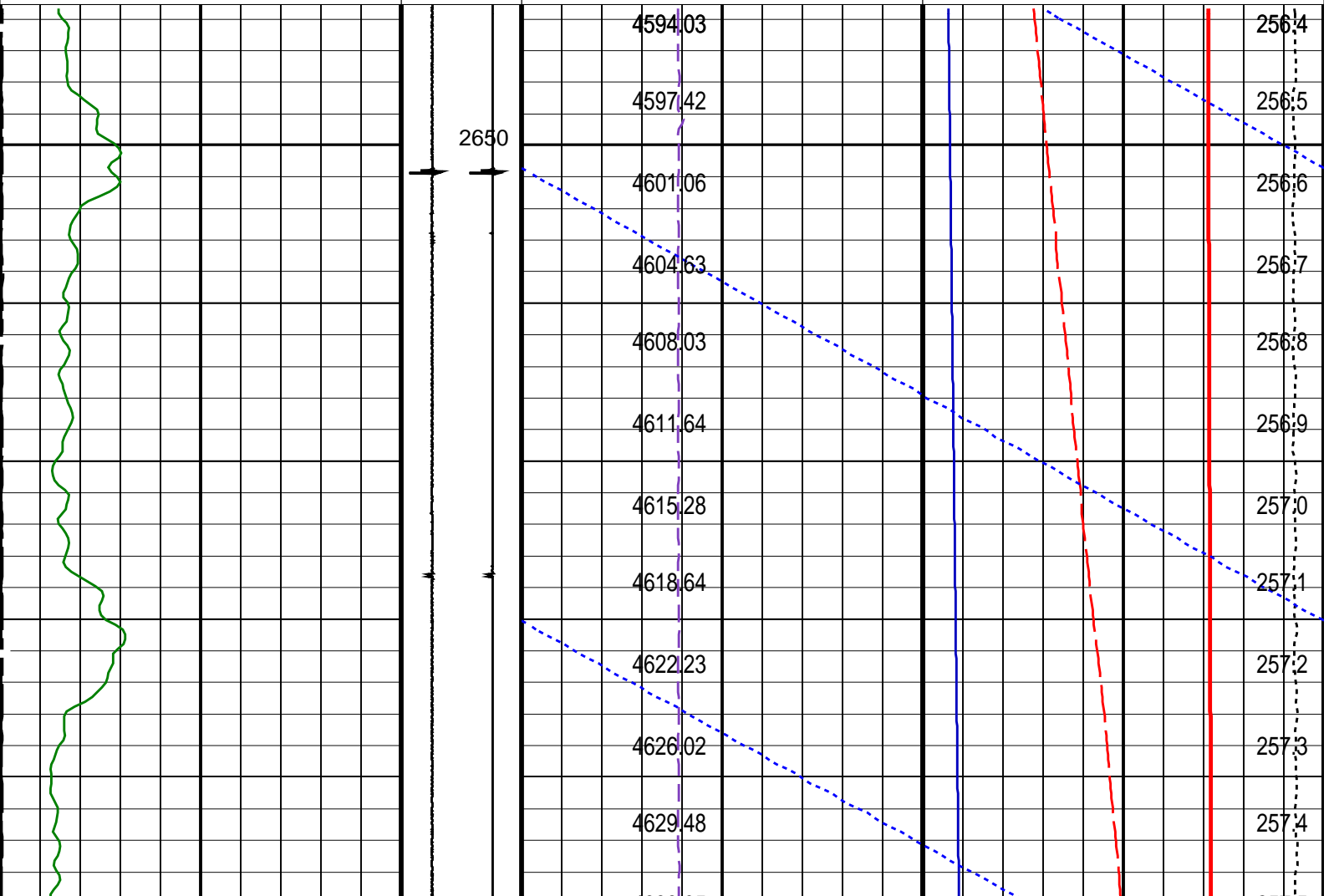
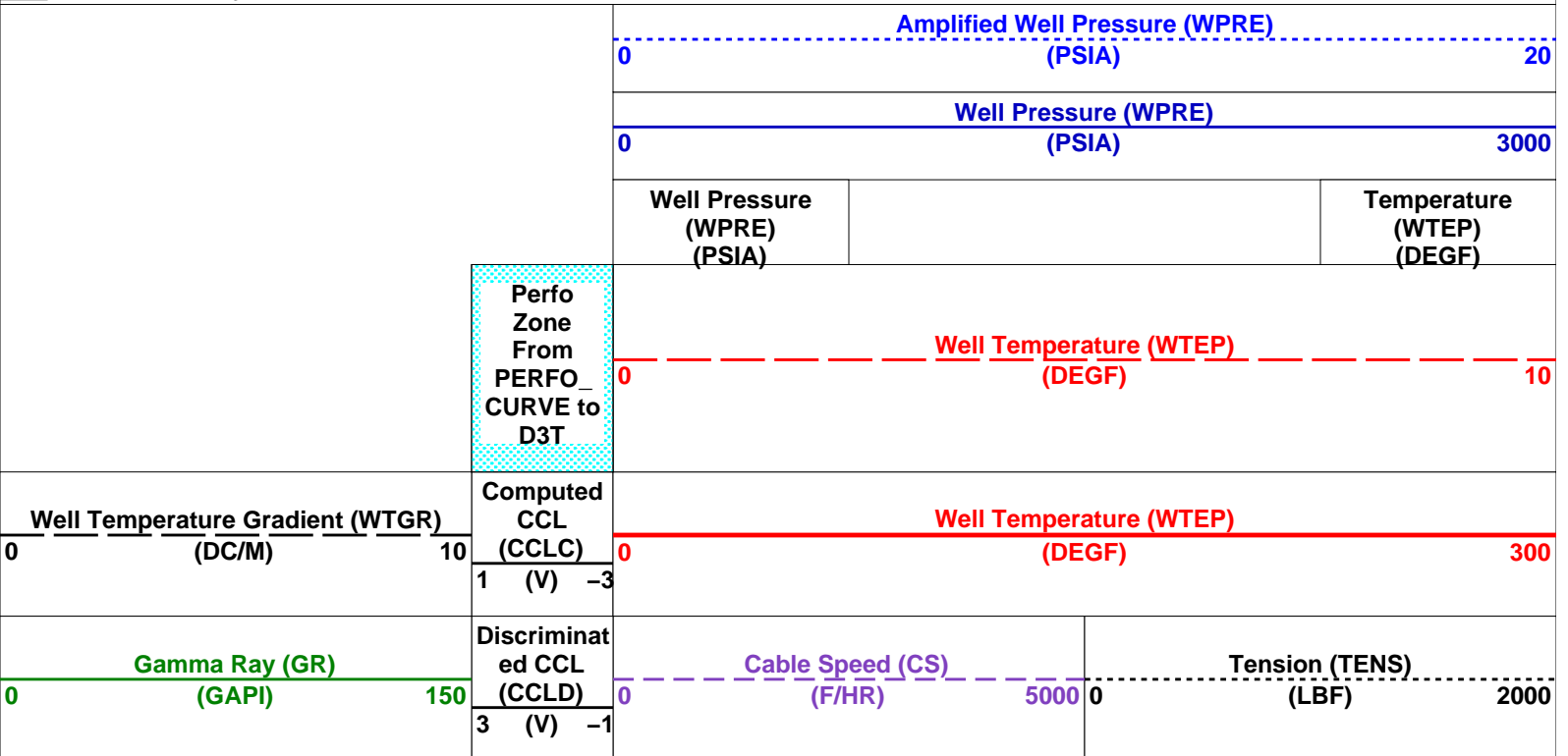
MCM

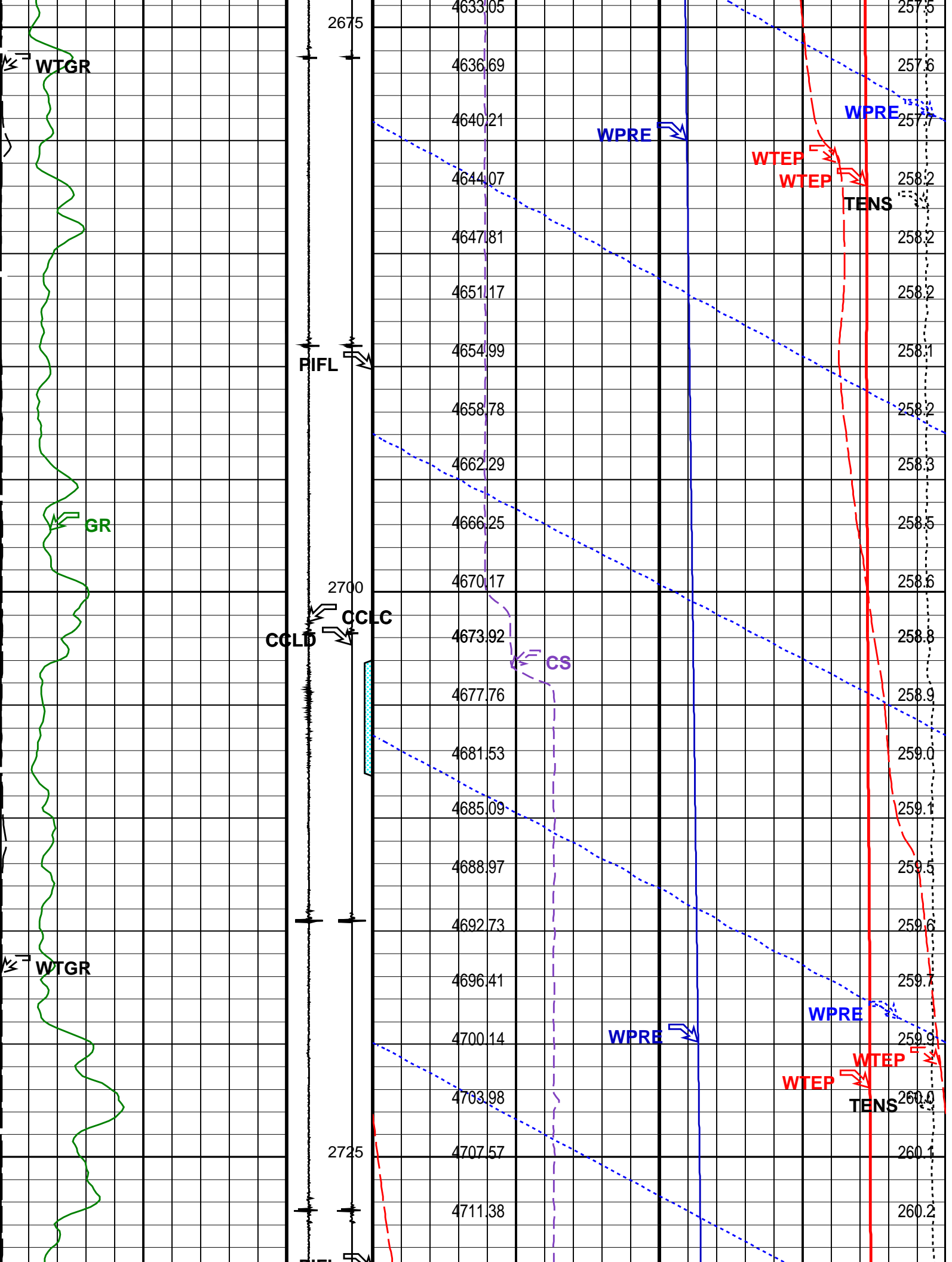
PSPT-B

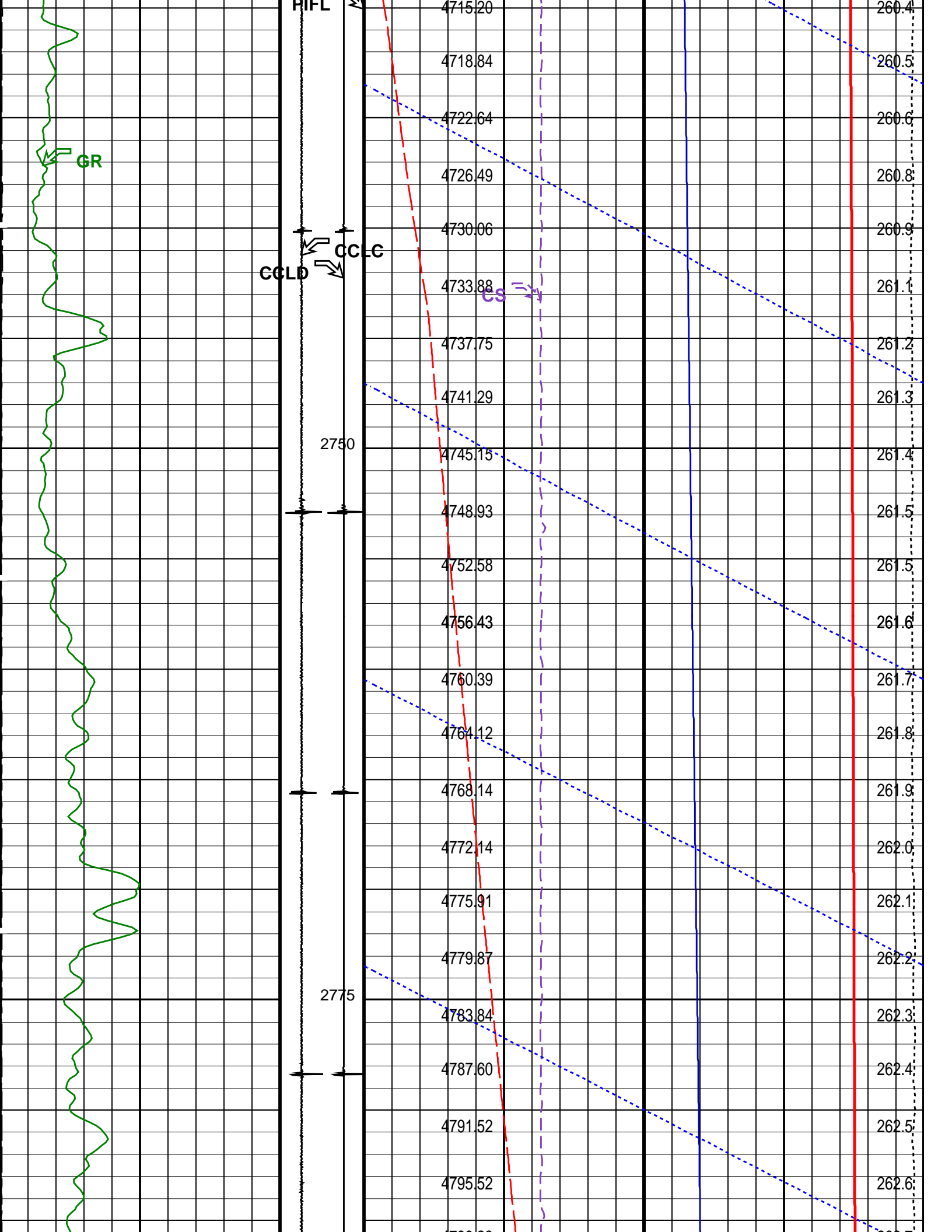
SRPC-3624-Q2_2008_OP16

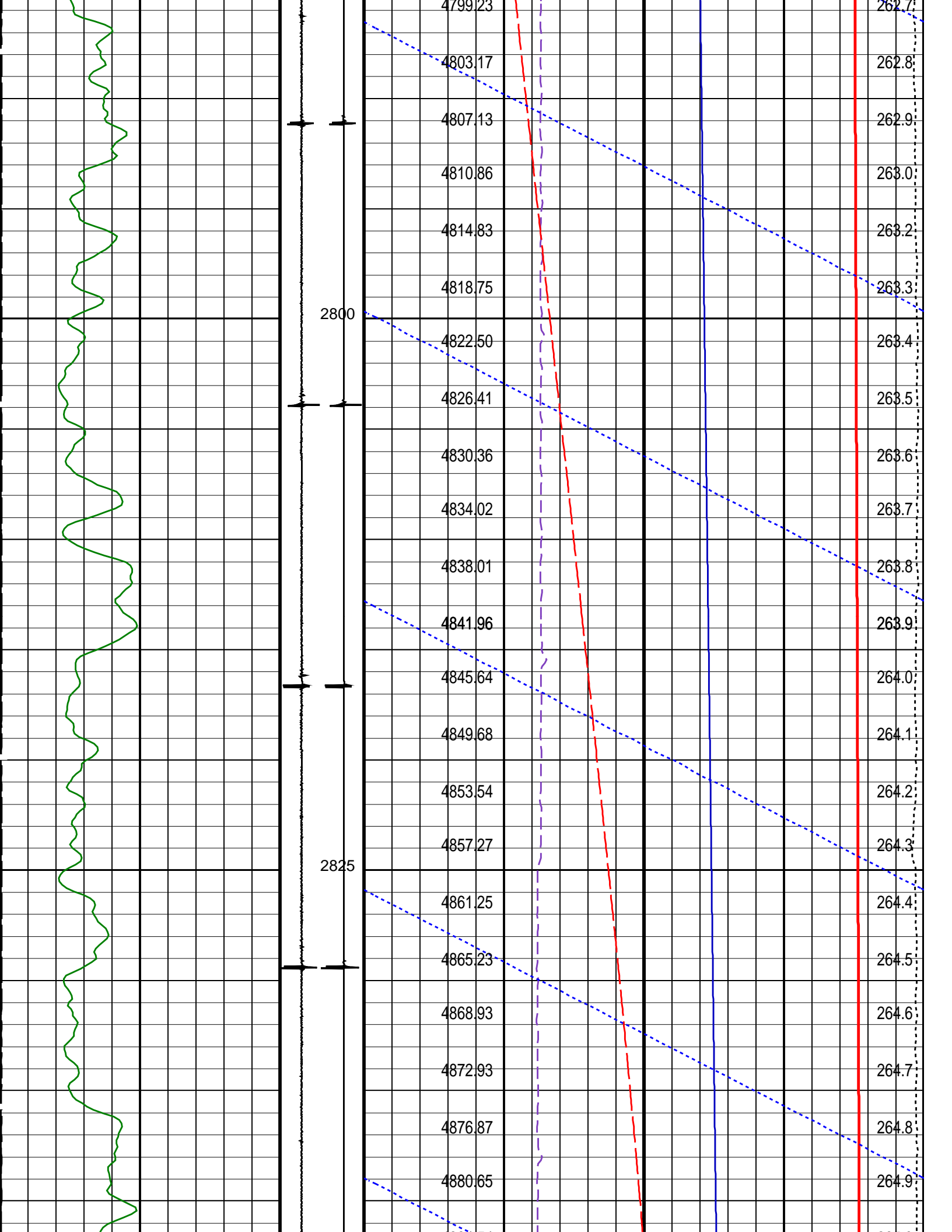
PIP SUMMARY

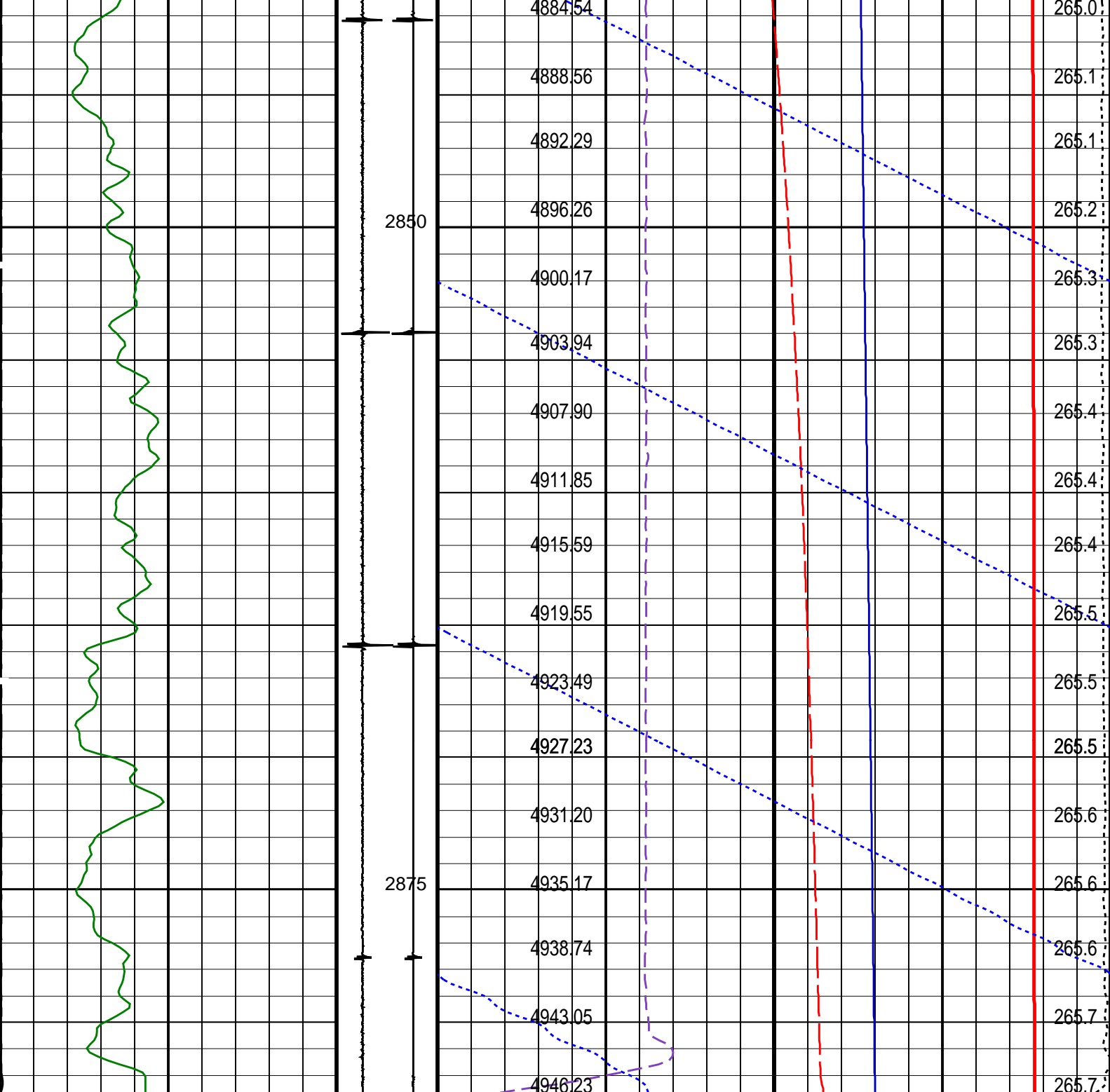
Time Mark Every 60 S





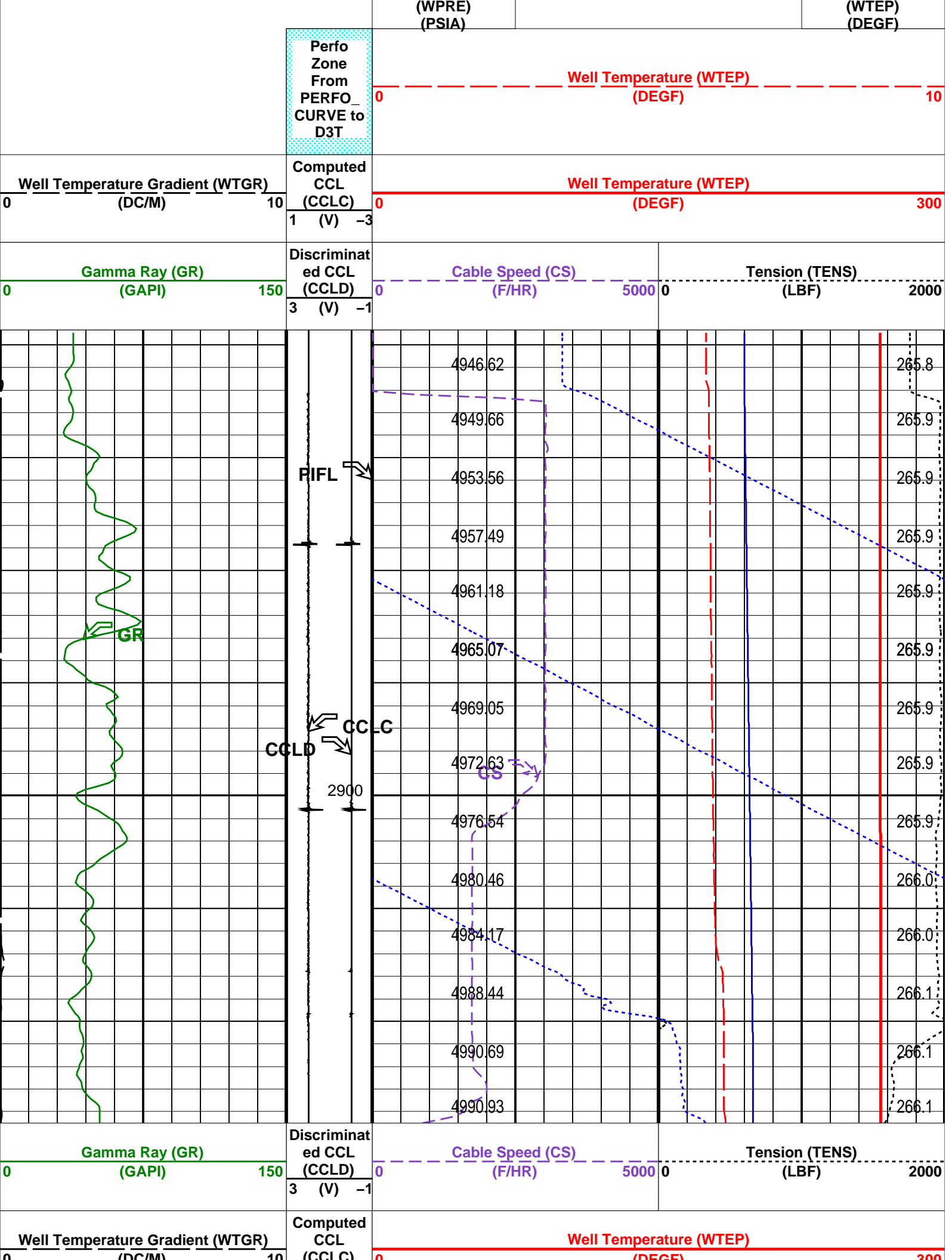


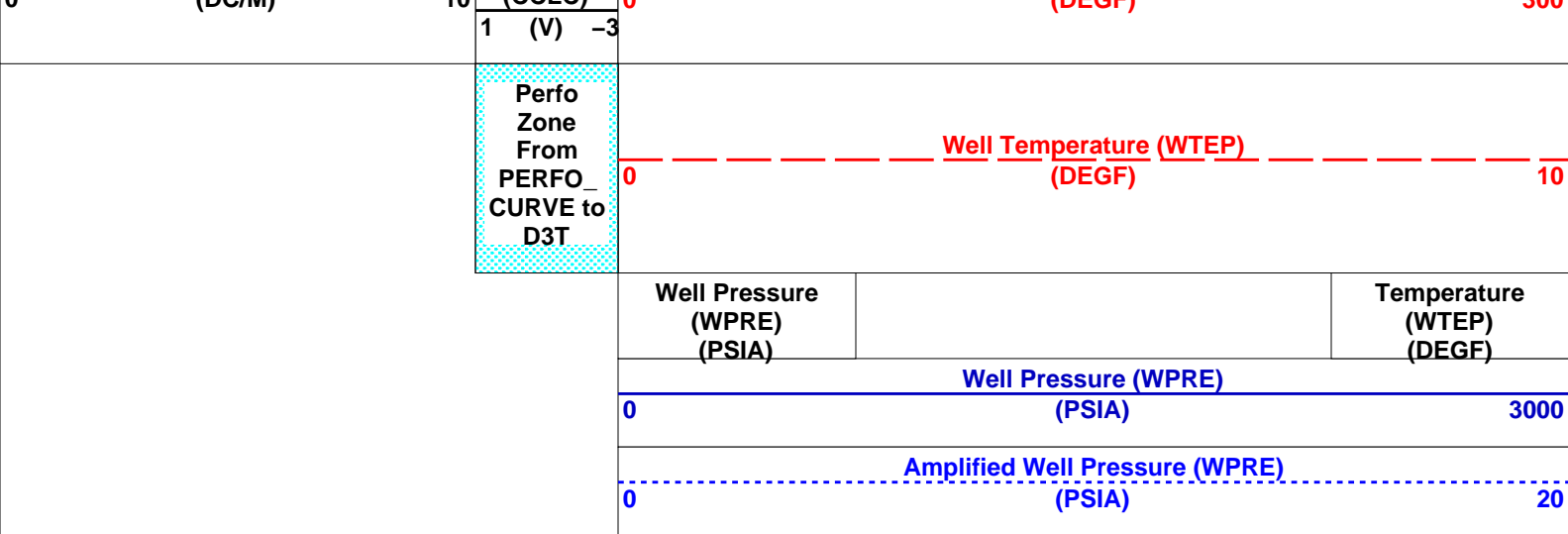




Gamma Ray (GR) (GAPI)	Discriminat ed CCL (CCLD)	Cable Speed (CS) (F/HR)		Tension (TENS) (LBF)	
		0	5000	0	2000
Well Temperature Gradient (WTGR) (DC/M)	Computed CCL (CCLC)	Well Temperature (WTEP) (DEGF)			
		0			300
	Perfo Zone From PERFO_ CURVE to D3T	Well Temperature (WTEP) (DEGF)			
		0			10
		Well Pressure (WPPE)		Temperature (WTEP)	

		(WPRE) (PSIA)			(WTEP) (DEGF)
		Well Pressure (WPRE)			
0		(PSIA)		3000	
		Amplified Well Pressure (WPRE)			
0		(PSIA)		20	
PIP SUMMARY					
Time Mark Every 60 S					
Format: PSP_1		Vertical Scale: 1:200		Graphics File Created: 04-Sep-2008 01:14	
OP System Version: 16C0-147					
MCM					
PSPT-B		SRPC-3624-Q2_2008_OP16			
Parameters					
DLIS Name		Description		Value	
System and Miscellaneous					
DO		Depth Offset for Playback		0.5	M
PP		Playback Processing		NORMAL	
Input DLIS Files					
DEFAULT	PSP_094LUP	FN:88	PRODUCER	03-Sep-2008 02:39	2882.2 M 2645.1 M
Output DLIS Files					
DEFAULT	PSP_141PUP	FN:134	PRODUCER	04-Sep-2008 01:14	





Time Mark Every 60 S

Format: PSP_1 Vertical Scale: 1:200 Graphics File Created: 04-Sep-2008 01:24

OP System Version: 16C0-147

MCM

PSPT-B SRPC-3624-Q2_2008_OP16

Parameters		
DLIS Name	Description	Value
DO	System and Miscellaneous	
PP	Depth Offset for Playback	-3.0 M
	Playback Processing	NORMAL

Input DLIS Files						
DEFAULT	PSP_093LUP	FN:87	PRODUCER	03-Sep-2008 02:35	2917.5 M	2882.3 M
Output DLIS Files						
DEFAULT	PSP_143PUP	FN:136	PRODUCER	04-Sep-2008 01:24		

Company: **Esso Australia Pty Ltd.**

Schlumberger

Well: **A3W**

Field: **Barracouta**

Rig: **Crane/Prod 2**

Country: **Australia**

7" Posiset Plug
Cement Dump
Record