

[illegible]

Company: Esso Australia Pty Ltd.

Well: A-16
Field: Bream A
Rig : Prod4 / Crane Country: Australia

2 1/8" Phased Powerjet Perforation
5 1/2" MPBT Plug
Setting Record

Field: Bream A
Location: Gippsland
Well: A-16
Company: Esso Australia Pty Ltd.

Field:		Bream A		Elev.: K.B. 33.5 m				
Location:		Gippsland		G.L. -59 m				
Well:		A-16		D.F. 33.5 m				
Company:		Esso Australia Pt		Elev.: 0 m				
Logging Date		State : Victoria		LOCATION		Longitude 147 46'15"E	Latitude 038 30'04"S	
				Permanent Datum:				33.5 m above Perm. Datum
				Log Measured From:				
				Drilling Measured From:				
Run Number		5-May-2008		Max. Well Deviation 92 deg				
Depth Driller		1 thru 5						
Schlumberger Depth		2718 m						
Bottom Log Interval		2716 m						
Top Log Interval		2710 m						
Casing Fluid Type		2650 m		Production Fluids				
Salinity								
Density								
Fluid Level		340 m						
BIT/CASING/TUBING STRING								
Bit Size		6.750 in						
From		2422 m						
To		3497 m						
Casing/Tubing Size		5.500 in						
Weight		17 lbm/ft						
Grade		N-80						
From		2422 m						
To		3497 m						
Maximum Recorded Temperatures		209 degF						
Logger On Bottom		5-May-2008				9:30		
Unit Number		889		Prod4 / Ausl				
Recorded By		G Wright & O Darby						
Witnessed By		B White & J Dean						

Run 1	
Oil Density	
Water Salinity	
Gas Gravity	
Bo	
Bw	
1/Bg	
Bubble Point Pressure	
Bubble Point Temperature	
Solution GOR	
Maximum Deviation	92 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: 30-APR-2008 11:17:19

Depth System Equipment

Depth Measuring Device		Tension Device		Logging Cable	
Type:	IDW-EB	Type:	PSDS/OSDS	Type:	2-32ZT
Serial Number:	6373	Serial Number:	325357	Serial Number:	27244
Calibration Date:	04-Jan-2007	Calibration Date:	30-Apr-2008	Length:	6409.94 M
Calibrator Serial Number:	9	Calibrator Serial Number:	1174	Conveyance Method: Wireline Rig Type: Rigless	
Calibration Cable Type:	2-23ZT	Calibration Gain:	0.95		
Wheel Correction 1:	-2	Calibration Offset:	-494.00		
Wheel Correction 2:	-4				

Depth Control Parameters

Log Sequence:	Subsequent Log In the Well
Reference Log Name:	ExxonMobil correlation log.
Reference Log Run Number:	
Reference Log Date:	.

Depth Control Remarks


















1. IDW-EB 6373 used as primary depth control.
2. Z-Chart as secondary control.

DISCLAIMER

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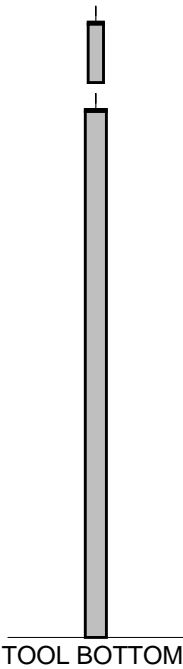
OTHER SERVICES1
OS1: None

REMARKS: RUN NUMBER 1
Log correlated to ExxonMobil composite supplied with logging program.
Maximum well deviation = 92 degrees at 3398 MDKB.
Objective:
RIH with perforating gun, correlate guns on depth to Solar composite log.
Locate gun over perforation interval = 2695.4m - 2700.3m attempt to create a
300 psi underbalance whilst maintaining the gun at the desired depth, record
static bottom hole pres/ temp, perforate, flow the well for 15 mins after
perforation and record flowing pres/ temp.

SBHT = 209 DegF, SBHP = 2596 Psi / FBHT = 211 DegF, FBHP 2596 Psi					
MPBT Plug					
RIH with dummy plug toolstring incorprating GR-CCL ensure access to plug					
setting depth. Run MPBT toolstring in hole with a 5 1/2" plug set with the plugs					
top sealing element at approximately 2704.0m MDKB.					
RIH with dump balier toolstring and lightly tag MPBT plug pull up one meter					
and release water / cement leaving approximately 1.0m of cement on the plug.					
Crew : J Light, P Lawrence, J Annear, A McLeallan					
RUN 1			RUN 2		
SERVICE ORDER #:		AusI07509100			
PROGRAM VERSION:		15C0-309			
FLUID LEVEL:		340 m			
LOGGED INTERVAL	START	STOP	LOGGED INTERVAL	START	STOP
EQUIPMENT DESCRIPTION					
RUN 1			RUN 2		
SURFACE EQUIPMENT			SURFACE EQUIPMENT		
MWPM-. 3008			MPBM 47		
DOWNHOLE EQUIPMENT			DOWNHOLE EQUIPMENT		
AH-SWBS-B 731		13.71	AH-SWBS-B 785		12.35
AH-SWBS-B 761		13.03	AH-SWBS-B 786		11.67
AH-Roller stem		12.34	AH-SWBS-B 787		10.98
AH-SWBS-B 763		11.66	MH-SWHS-A 759		10.30
		10.97	CCL-L 9851		9.97
MWPG-AA 69		10.64	MPSU-CA 1102		9.51
MWGH-AA 69					
MWPH-AA 74		9.66			
MWPS-AA 74					
		6.84			
AH-SAH-G 1035		6.41			
AH-121 41		5.95			
MPD-MB 268					

AH-ESIC 15042002

GUN-2 1/8" Powerjet Gun 4.9m



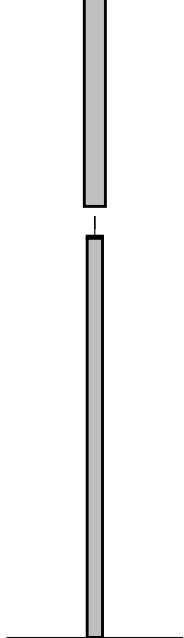
5.46

4.90

TOOL BOTTOM

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

MPEX-AA 1

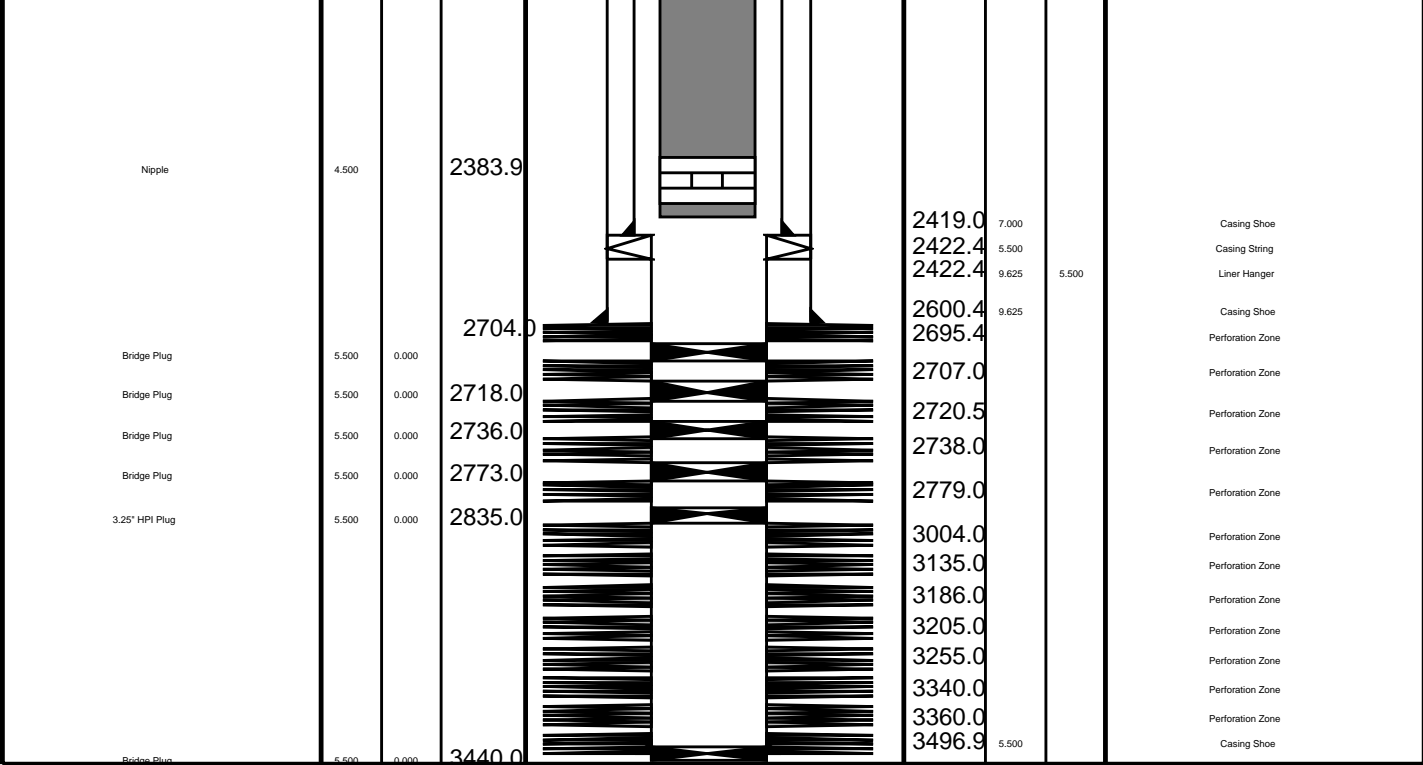


3.10

TOOL BOTTOM

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	4.500		0.0					0.0	13.375		Casing String
SSSV	4.500		427.0								
Gas Lift Mandrel	4.500		483.0								
Gas Lift Mandrel	4.500		810.0								
Gas Lift Mandrel	4.500		1091.0					990.7	13.375		Casing Shoe
Landing Nipple	4.500		1117.2								
Packer, Retrievable	7.000	4.500	2337.9					1490.0	7.000		Casing String
Landing Nipple	4.500		2351.4					1490.0	9.625	7.000	Liner Hanger



Job Event Summary

MAXIS Field Log

Schlumberger Job Event Summary

Time	Elapsed Time	Depth (M)	File
Log Pass (down)	5-May-2008 12:31 000:39	39.9 - 2721.9	PERFO_031LDP
Log Pass (up)	5-May-2008 13:11 000:06	2724.9 - 2644.4	PERFO_032LUP
Log Pass (up)	5-May-2008 14:03 000:11	47.2 - -9.0	PERFO_034LUP
Simulated Log	5-May-2008 14:34 000:05		MPBT_035LUP
Log Pass (down)	5-May-2008 15:29 000:42	-8.8 - 2705.4	MPBT_036LDP
Log Pass (up)	5-May-2008 16:11 000:04	2705.4 - 2647.8	MPBT_037LUP
Log Pass (up)	5-May-2008 16:18 000:02	2709.2 - 2688.5	MPBT_038LUP
Log Pass (down)	5-May-2008 16:21 000:01	2681.5 - 2708.1	MPBT_039LDP
Log Pass (up)	5-May-2008 16:22 000:03	2708.1 - 2664.7	MPBT_040LUP
Log Pass (down)	5-May-2008 16:25 000:03	2664.1 - 2709.2	MPBT_041LDP
Simulated Log	5-May-2008 16:30 000:12		MPBT_042LUP
Log Pass (up)	5-May-2008 16:45 001:02	2670.0 - -7.6	MPBT_043LUP
Log Pass (up)	6-May-2008 6:43 000:04	12192.0 - 12191.7	MPBT_044LUP
Log Pass (down)	6-May-2008 7:23 000:46	-4.7 - 2691.7	MPBT_046LDP
Log Pass (up)	6-May-2008 8:09 000:03	2688.8 - 2646.1	MPBT_047LUP
Log Pass (down)	6-May-2008 8:13 000:01	2672.3 - 2698.7	MPBT_048LDP
Log Pass (up)	6-May-2008 8:14 000:03	2703.6 - 2647.2	MPBT_049LUP

Log Pass (down) 6-May-2008 8:18 000:03 2648.7 - 2702.5 MPBT_050LDP
Simulated Log 6-May-2008 8:26 000:55 MPBT_051LUP
Log Pass (up) 6-May-2008 9:22 000:02 2697.2 - 2643.2 MPBT_052LUP
Log Pass (up) 6-May-2008 9:54 000:03 298.1 - 271.4 MPBT_053LUP
Log Pass (up) 6-May-2008 9:57 000:06 57.5 - -6.9 MPBT_054LUP
Simulated Log 6-May-2008 10:39 000:01 PERFO_056LUP
Simulated Log 6-May-2008 10:55 000:05 PERFO_057LDP
Log Pass (down) 6-May-2008 11:00 000:26 22.3 - 2703.1 PERFO_058LDP
Log Pass (up) 6-May-2008 11:26 000:05 2700.1 - 2642.5 PERFO_059LUP
Log Pass (up) 6-May-2008 12:00 000:06 65.4 - -15.1 PERFO_061LUP
Log Pass (down) 6-May-2008 13:06 000:25 28.7 - 2699.8 PERFO_062LDP
Log Pass (up) 6-May-2008 13:32 000:01 2699.8 - 2687.1 PERFO_063LUP
Log Pass (up) 6-May-2008 13:33 000:04 2692.1 - 2641.1 PERFO_064LUP
Log Pass (up) 6-May-2008 14:08 000:04 30.6 - -0.7 PERFO_065LUP

Schlumberger

2 1/8" Dump Bailer Cement Run

MAXIS Field Log

Output DLIS Files

DEFAULT PERFO_064LUP FN:63 PRODUCER 06-May-2008 13:33 2692.1 M 2641.1 M

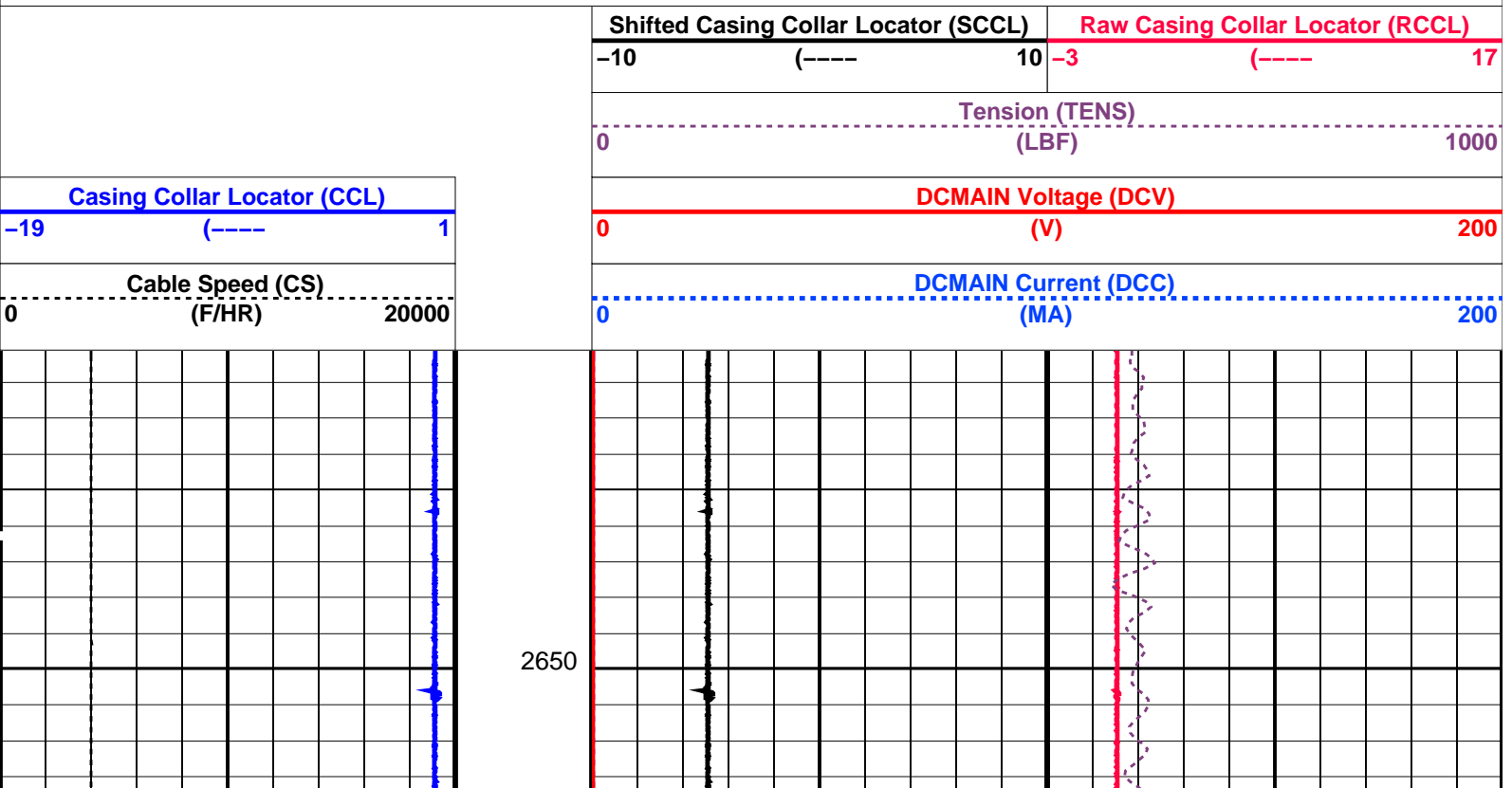
OP System Version: 15C0-309 MCM

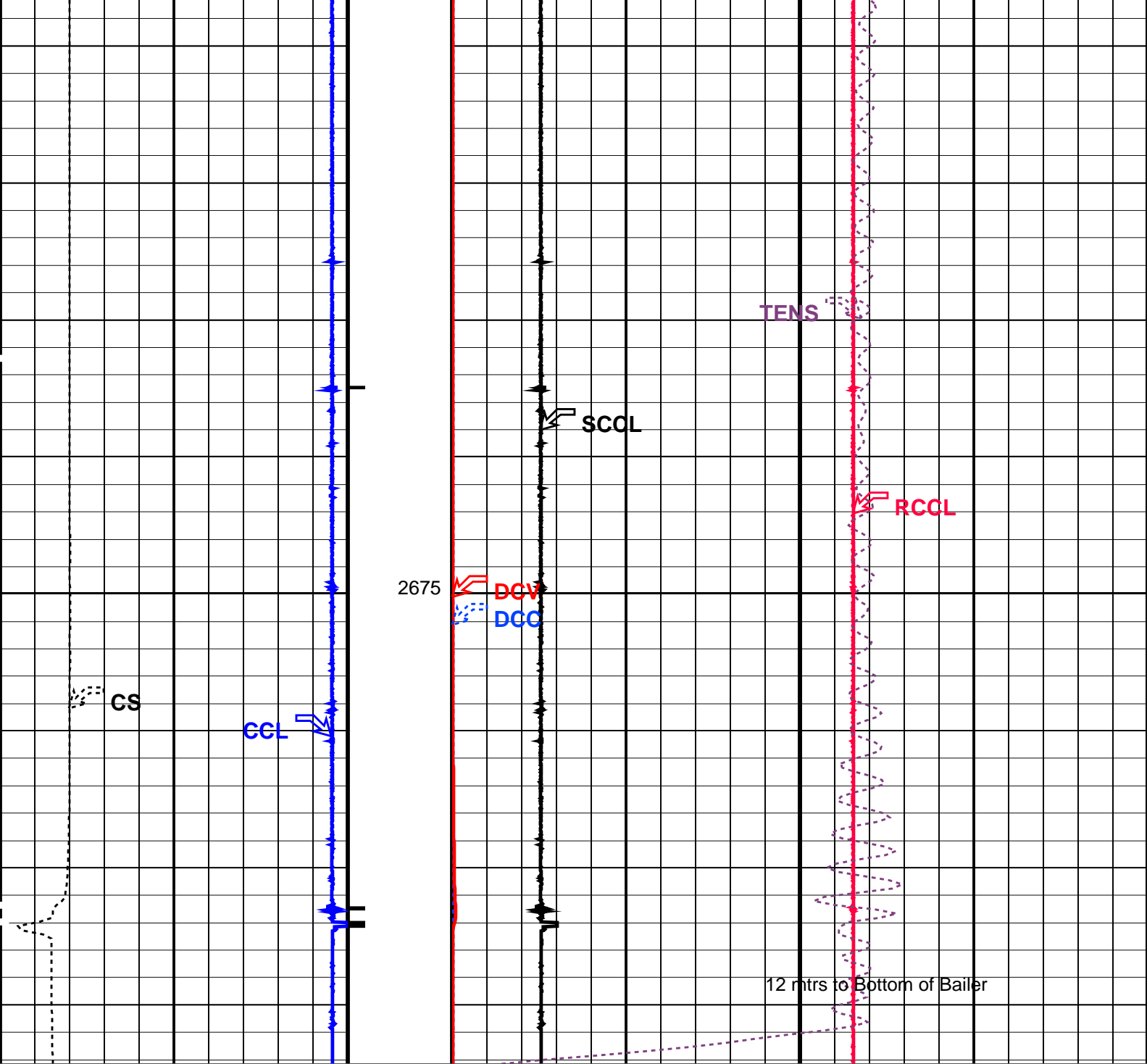
SHM_GUN SRPC-3546-Q1_2008_OP15 CCL-L SRPC-3546-Q1_2008_OP15

PIP SUMMARY

← Casing Collars

Time Mark Every 60 S





Cable Speed (CS) (F/HR)		DCMAIN Current (DCC) (MA)	
0 20000		0 200	
Casing Collar Locator (CCL)		DCMAIN Voltage (DCV)	
-19 (----) 1		0 (V) 200	
		Tension (TENS)	
		0 (LBF) 1000	
Shifted Casing Collar Locator (SCCL)		Raw Casing Collar Locator (RCCL)	
-10 (----) 10		-3 (----) 17	

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: 06-May-2008 13:33

OP System Version: 15C0-309
MCM

SHM_GUN SRPC-3546-Q1_2008_OP15 CCL-L SRPC-3546-Q1_2008_OP15

Output DLIS Files

DEFAULT PERFO_064LUP FN:63 PRODUCER 06-May-2008 13:33

Schlumberger

2 1/8" Dump Bailer
Water Run

MAXIS Field Log

Input DLIS Files

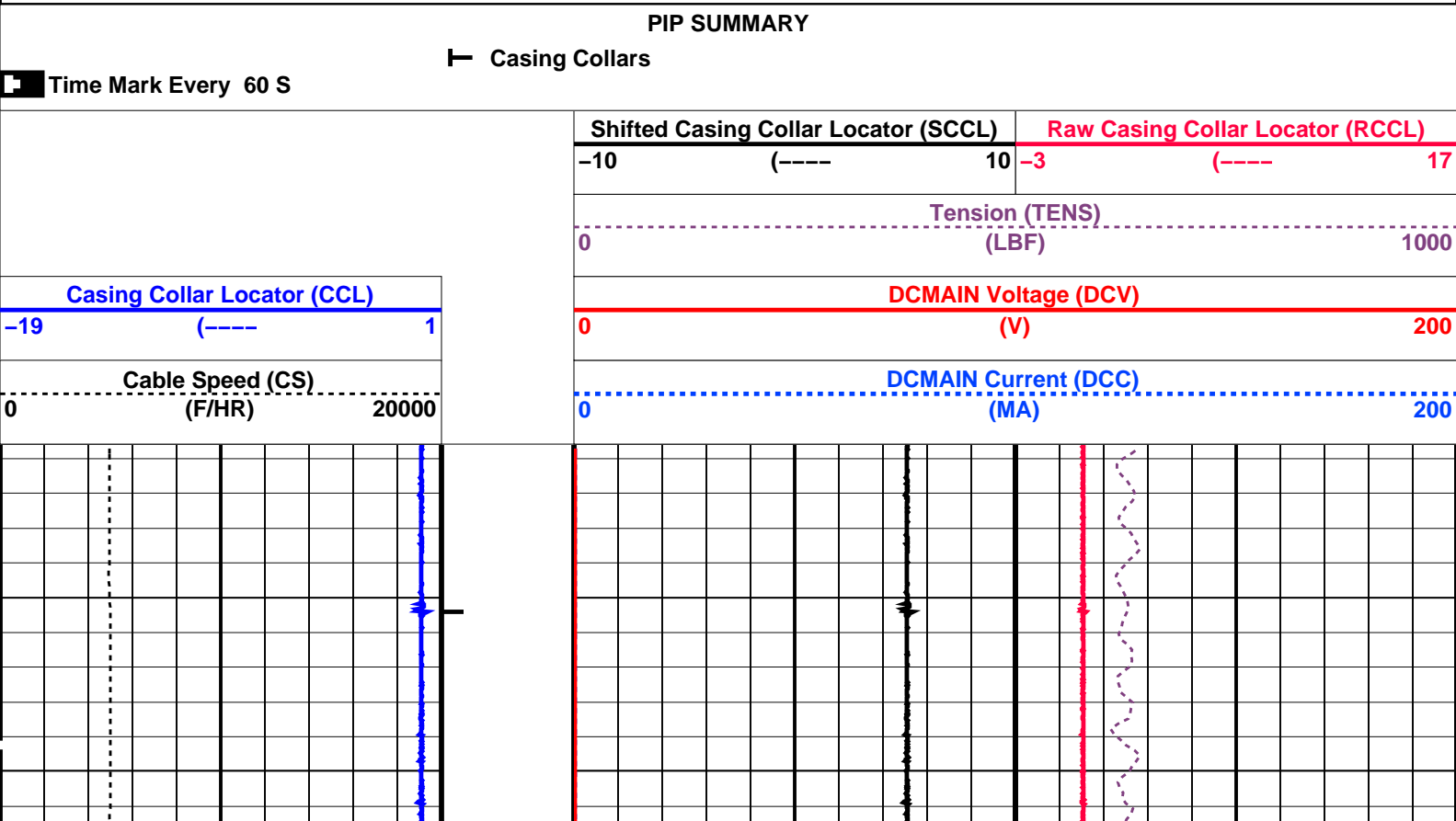
DEFAULT PERFO_059LUP FN:58 PRODUCER 06-May-2008 11:26 2700.1 M 2642.5 M

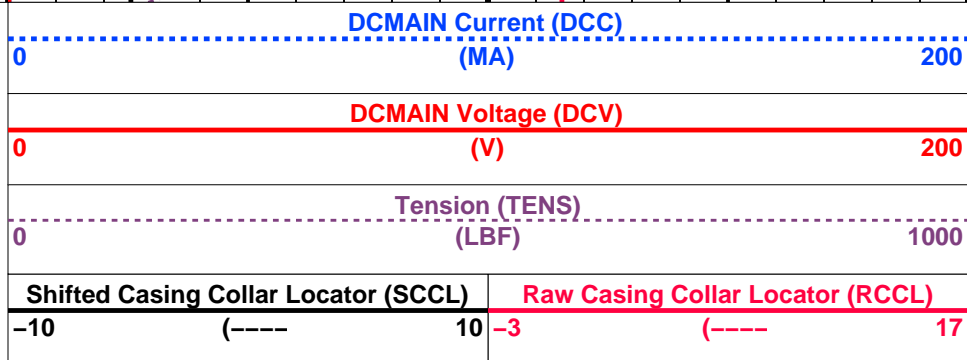
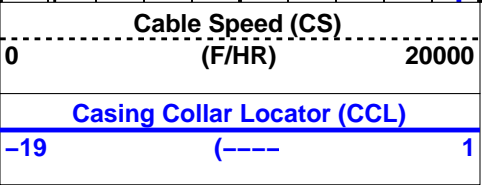
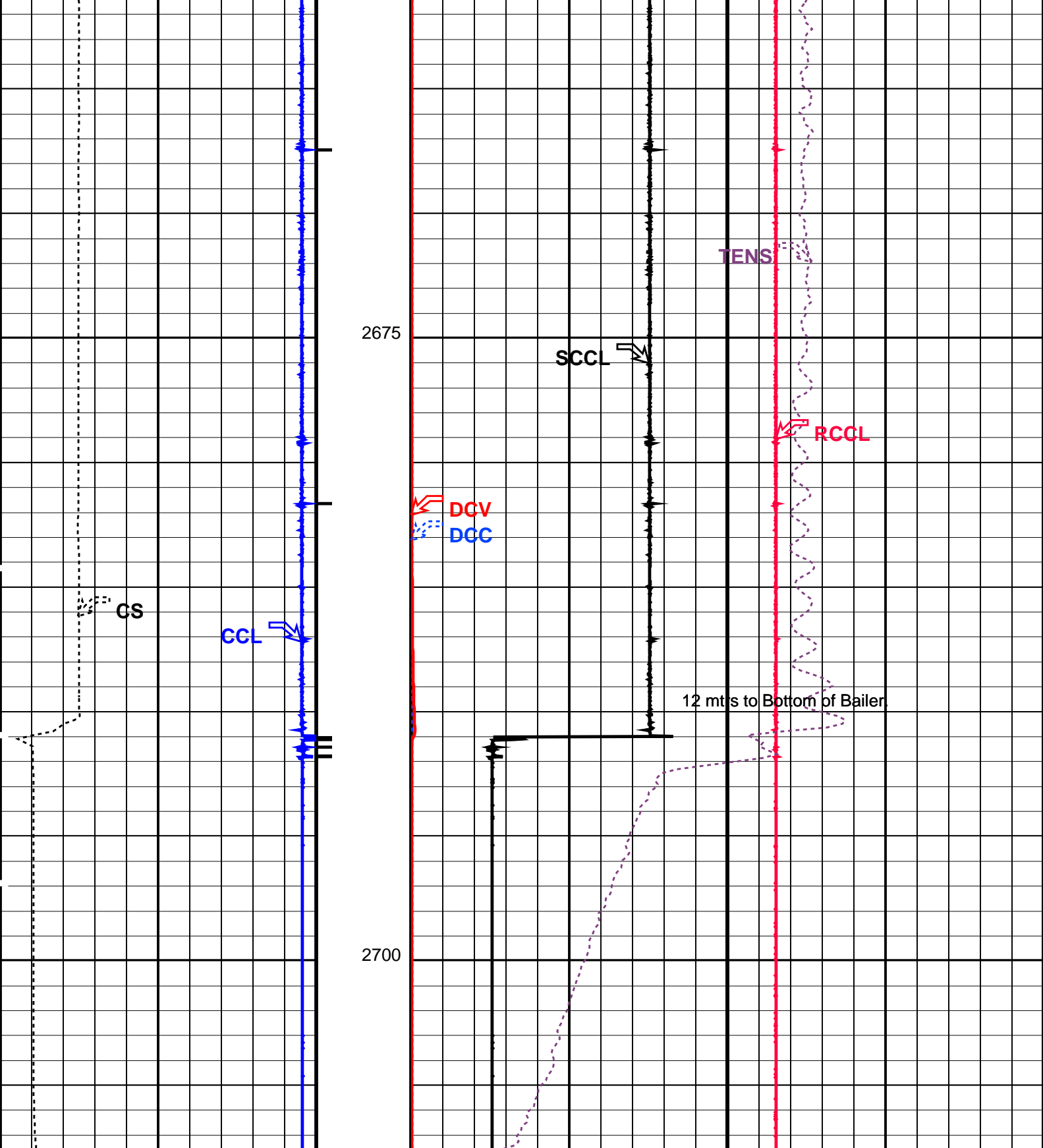
Output DLIS Files

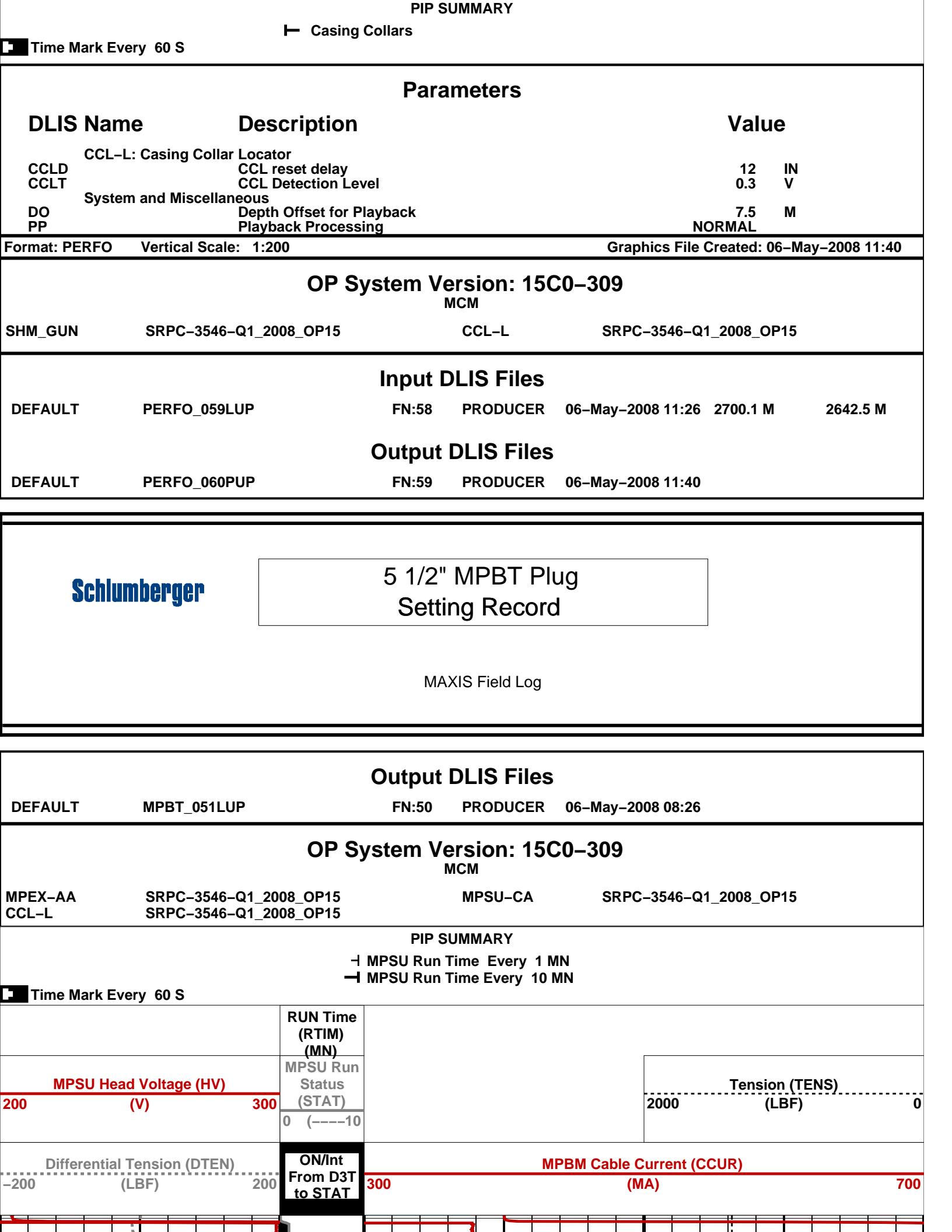
DEFAULT PERFO_060PUP FN:59 PRODUCER 06-May-2008 11:40 2707.5 M 2650.5 M

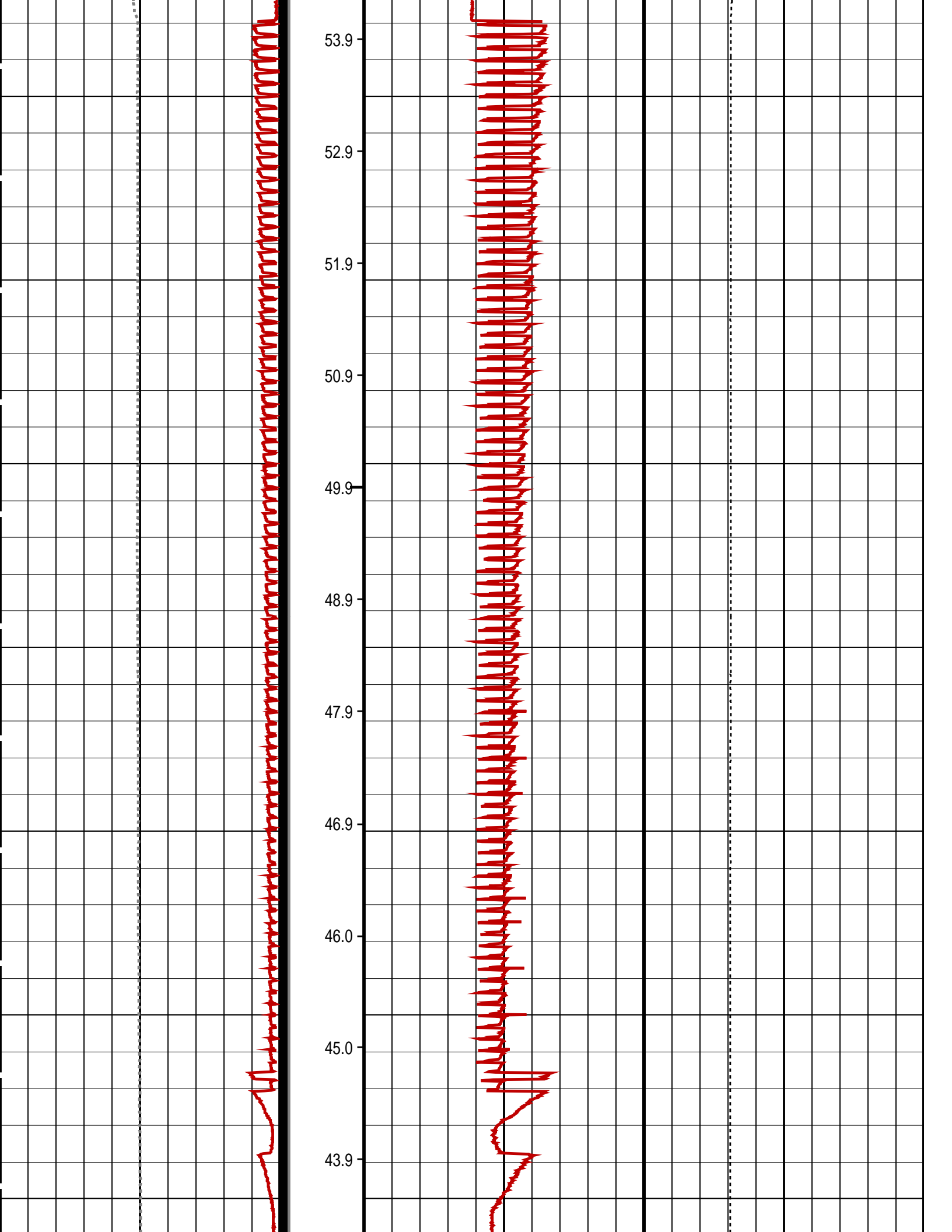
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MCM

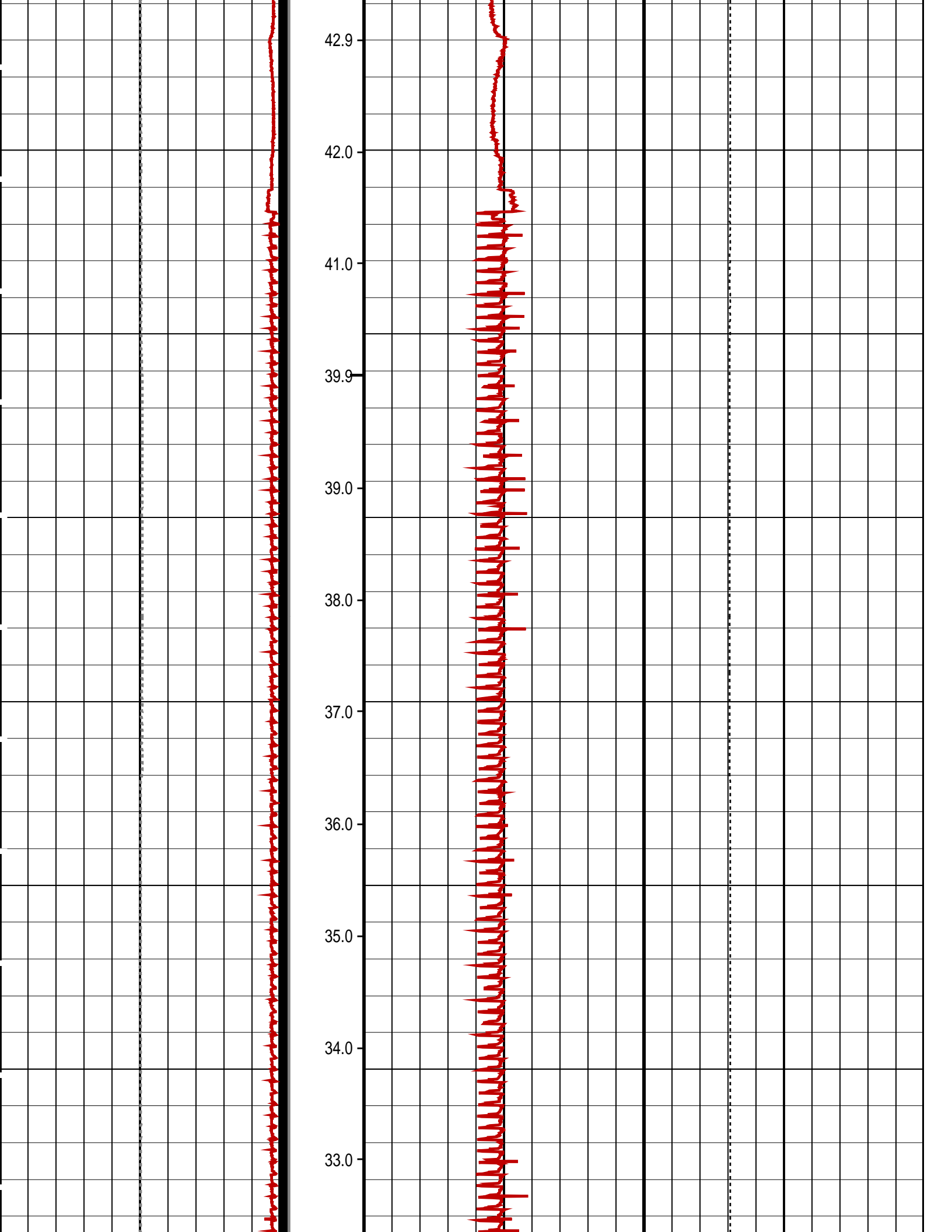
SHM_GUN SRPC-3546-Q1_2008_OP15 CCL-L SRPC-3546-Q1_2008_OP15

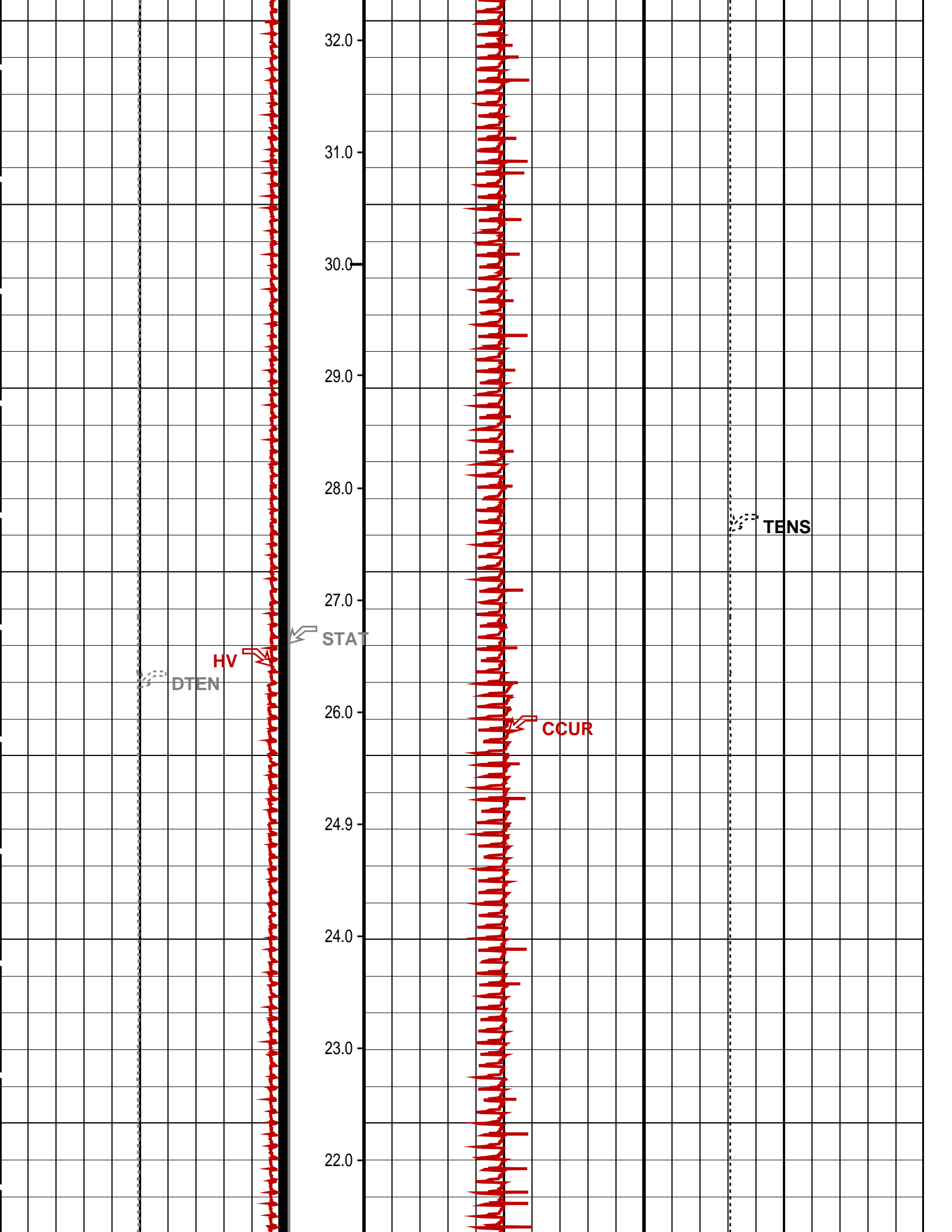


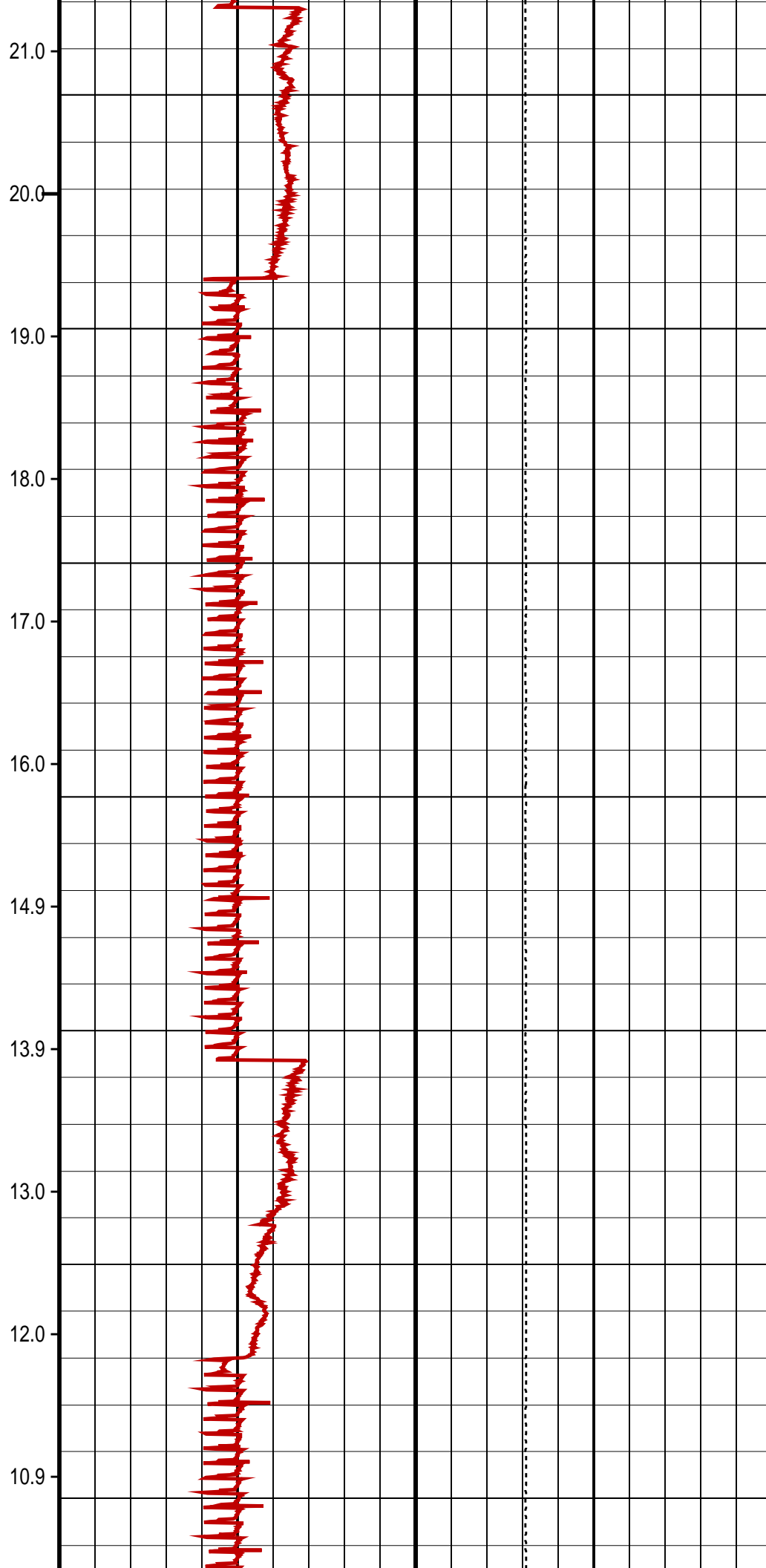
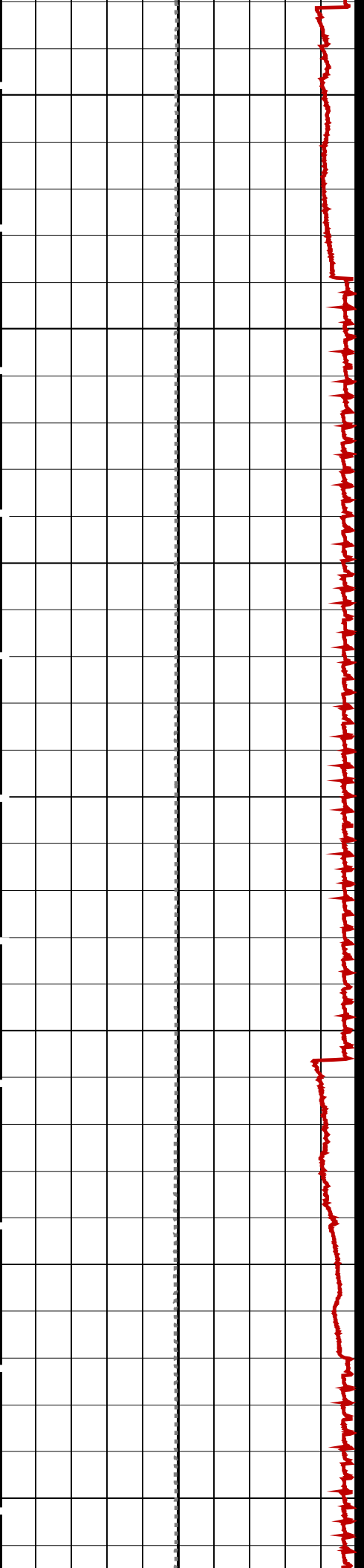


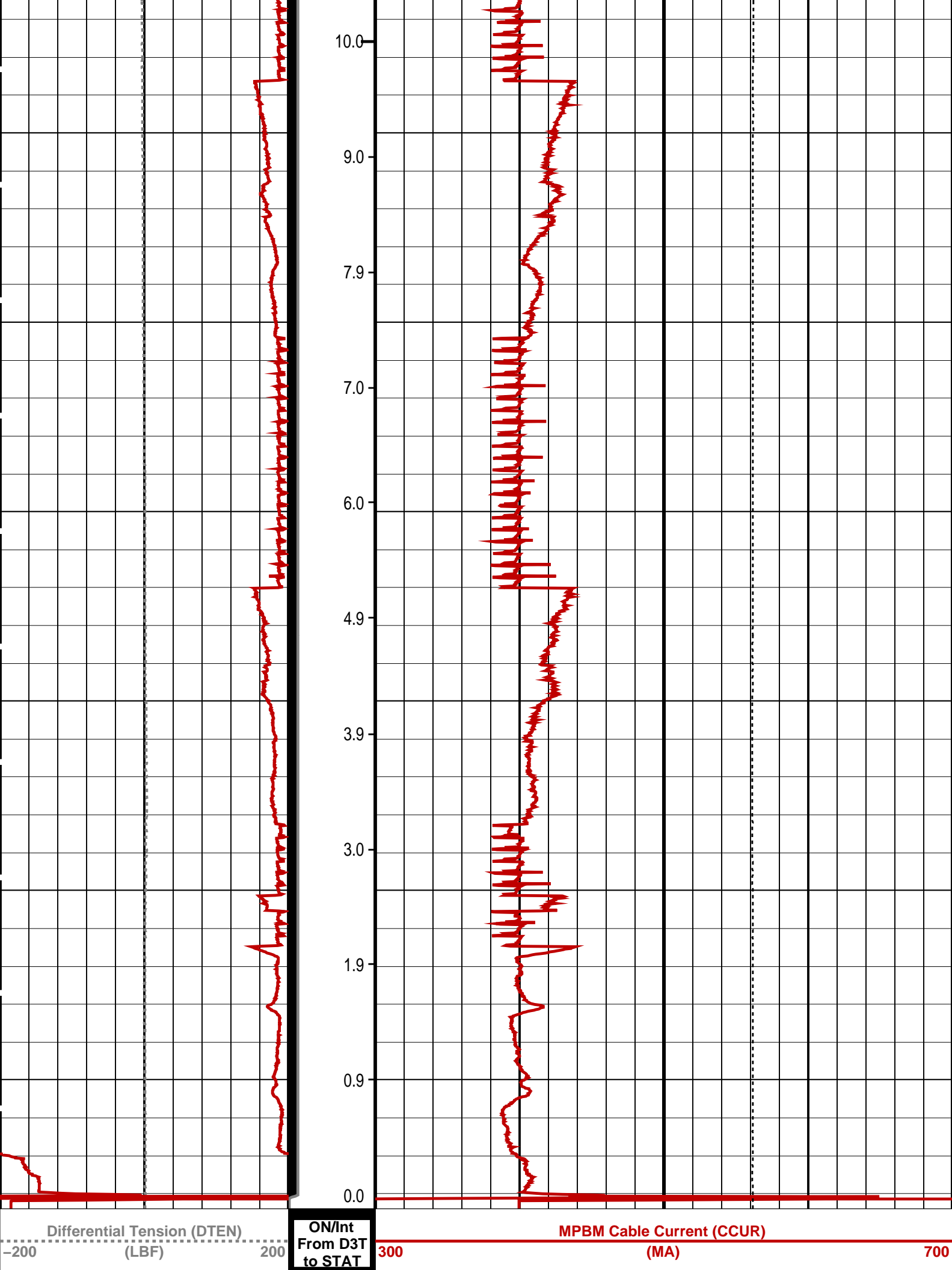


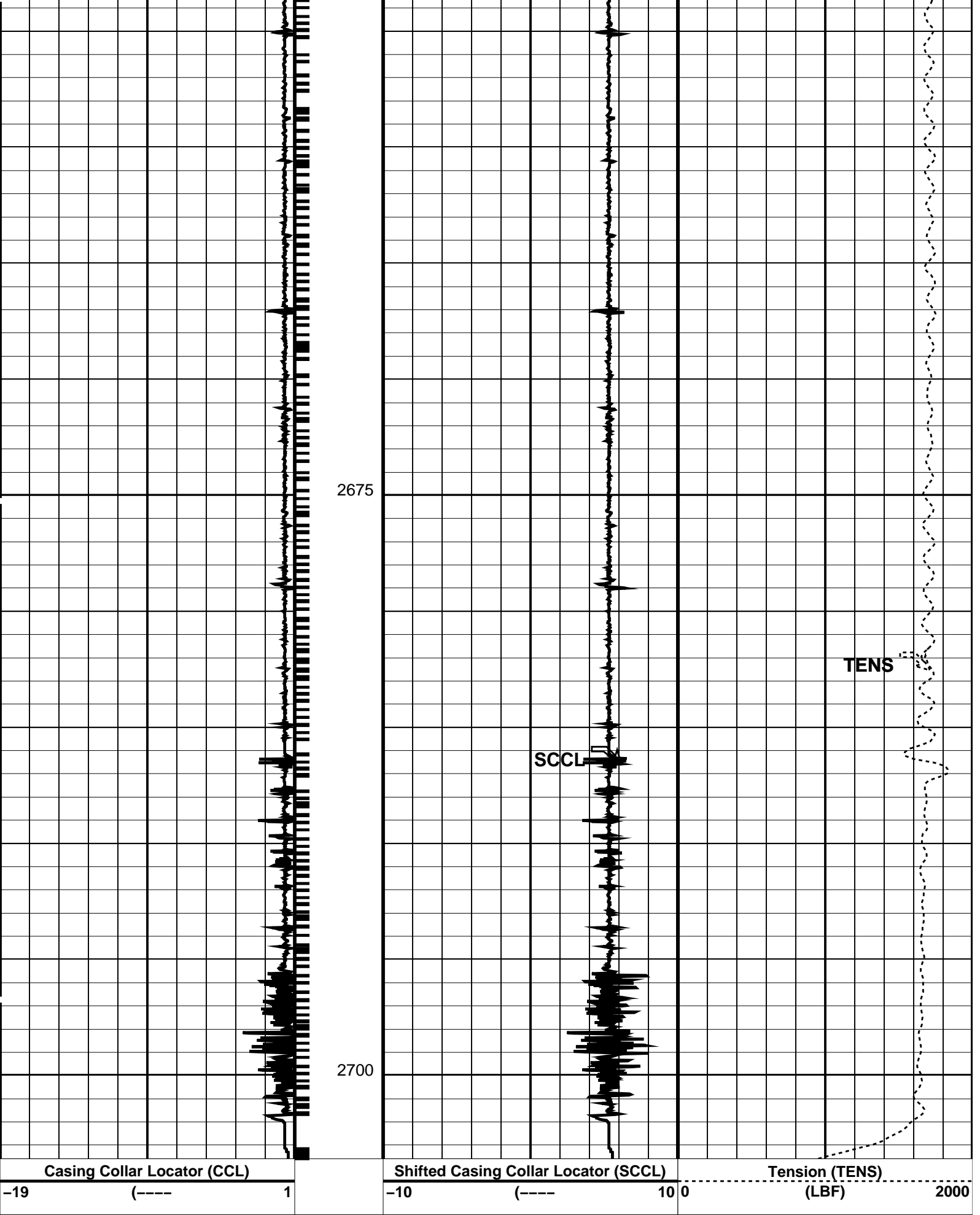












PIP SUMMARY

└─ 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: 06-May-2008 08:14	
OP System Version: 15C0-309					
MCM					
MPEX-AA	SRPC-3546-Q1_2008_OP15	MPSU-CA	SRPC-3546-Q1_2008_OP15		
CCL-L	SRPC-3546-Q1_2008_OP15				
Output DLIS Files					
DEFAULT	MPBT_049LUP	FN:48	PRODUCER	06-May-2008 08:14	



5 1/2" MPBT Plug Dummy Run

MAXIS Field Log

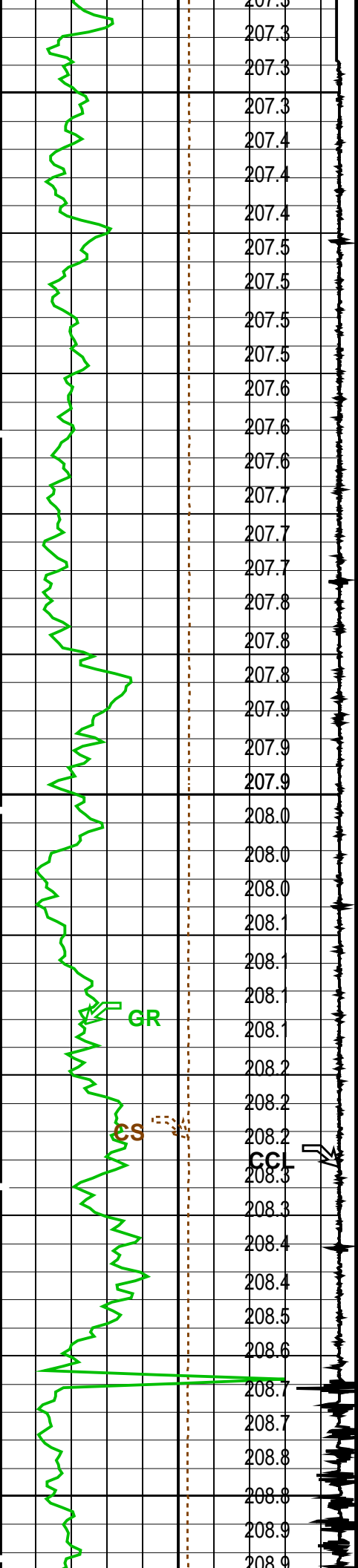
Company: Esso Australia Pty Ltd. Well: A-16

Input DLIS Files						
DEFAULT	PERFO_032LUP	FN:31	PRODUCER	05-May-2008 13:11	2724.9 M	2644.4 M
Output DLIS Files						
DEFAULT	PERFO_033PUP	FN:32	PRODUCER	05-May-2008 13:18	2726.9 M	2644.4 M
OP System Version: 15C0-309						
MCM						
MWP_GUN	SRPC-3546-Q1_2008_OP15		MWPT-CA		SRPC-3546-Q1_2008_OP15	
MWGT-AA	SRPC-3546-Q1_2008_OP15					

PIP SUMMARY

Time Mark Every 60 S

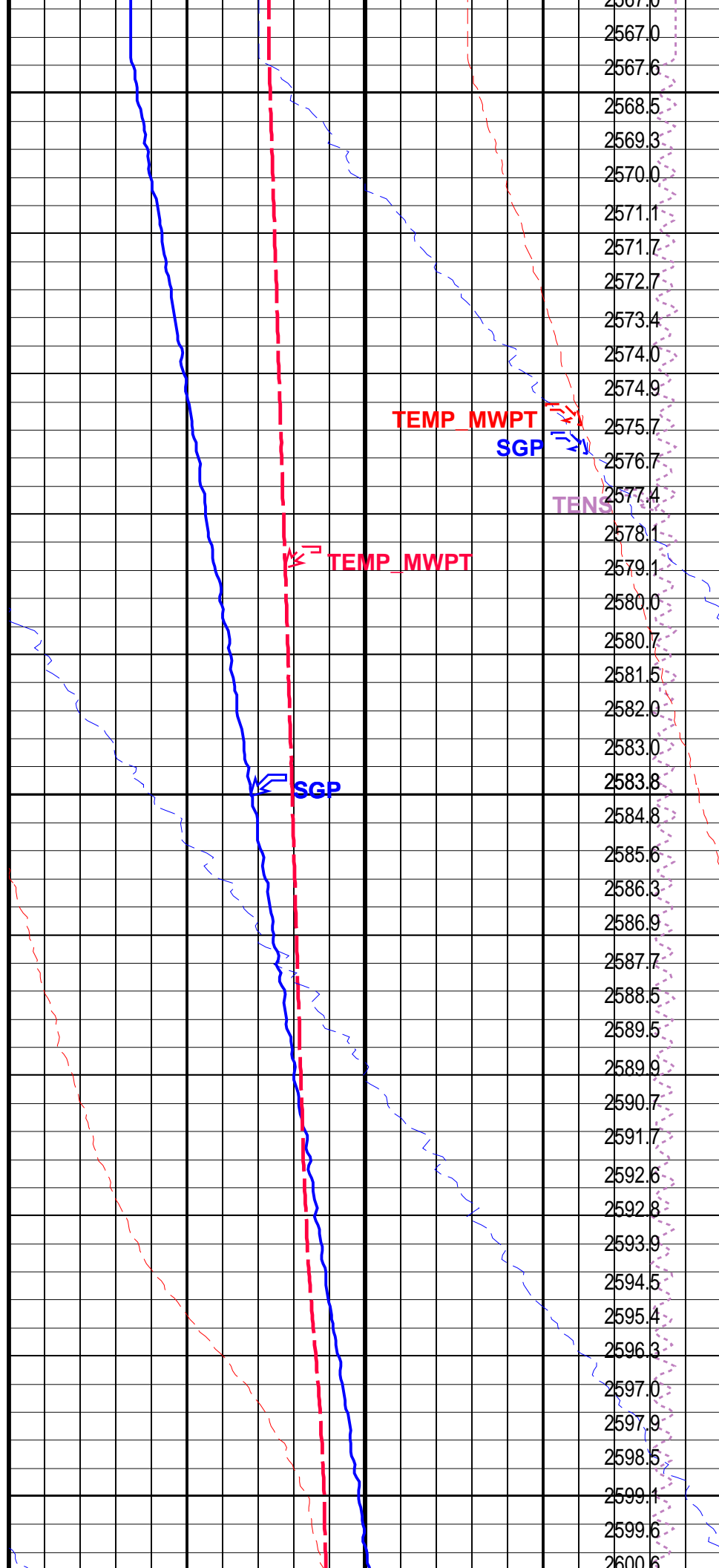
										Pressure (SGP) (PSIA)									
Temperature (TEMP_MWPT) (DEGF)										Tension (TENS) (LBF)									
										0 2000									
CCL From CCL to T1										Temperature (TEMP_MWPT) (DEGF)									
Gamma Ray (GR) (GAPI)										Strain Gauge Pressure (SGP) (PSIA)									
Casing Collar Locator (CCL)										Temperature (TEMP_MWPT) (DEGF)									
Cable Speed (CS) (F/HR)										Strain Gauge Pressure (SGP) (PSIA)									

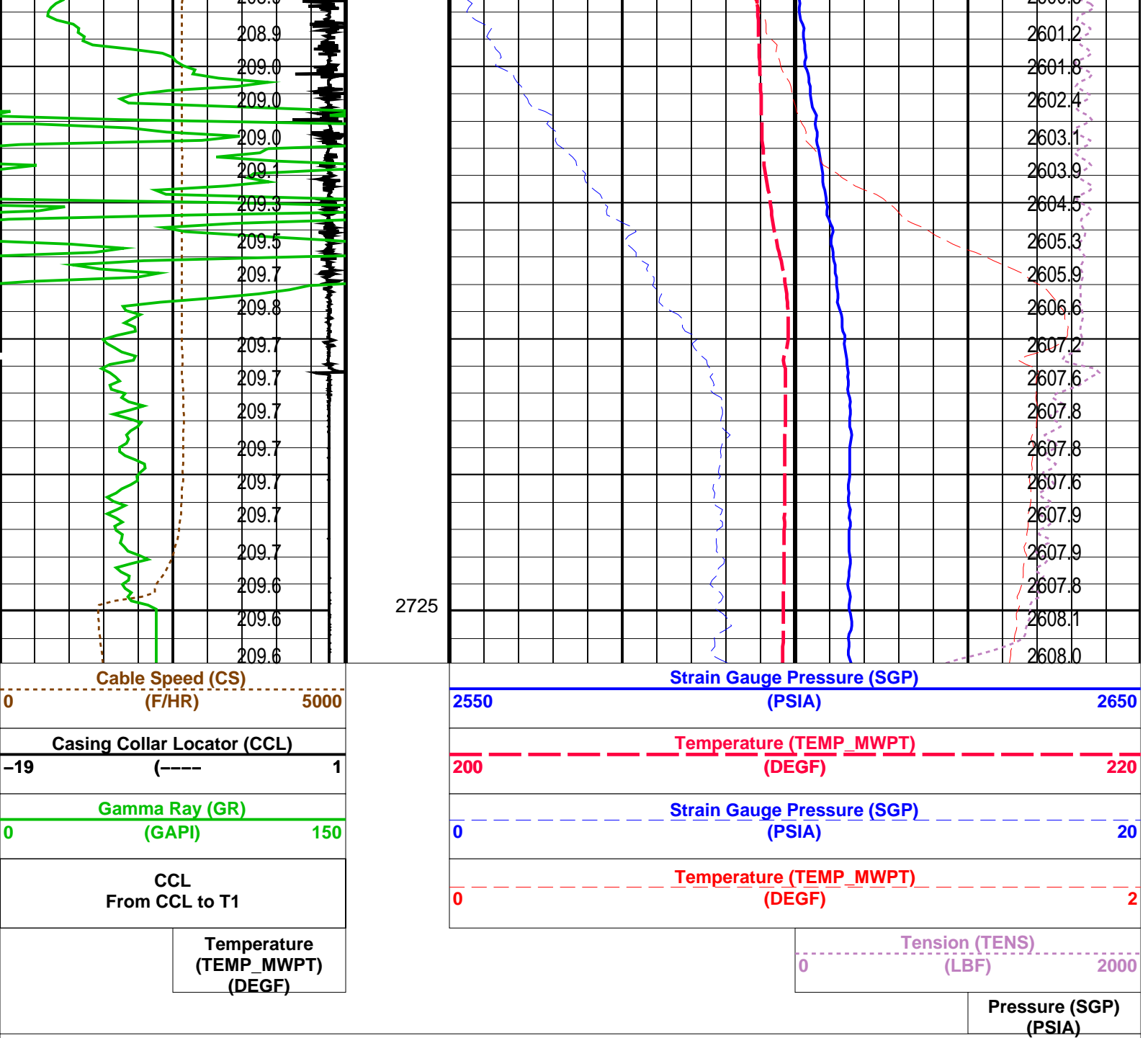


2650

2675

2700





PIP SUMMARY			
Time Mark Every 60 S			
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	2.0	M
PP	Playback Processing	NORMAL	
Format: MWP	Vertical Scale: 1:200	Graphics File Created: 05-May-2008 13:18	
OP System Version: 15C0-309			
MCM			
MWP_GUN	SRPC-3546-Q1_2008_OP15	MWPT-CA	SRPC-3546-Q1_2008_OP15
MWGT-AA	SRPC-3546-Q1_2008_OP15		
Input DLIS Files			

Input DLIS Files

DEFAULT PERFO_032LUP FN:31 PRODUCER 05-May-2008 13:11 2724.9 M 2644.4 M

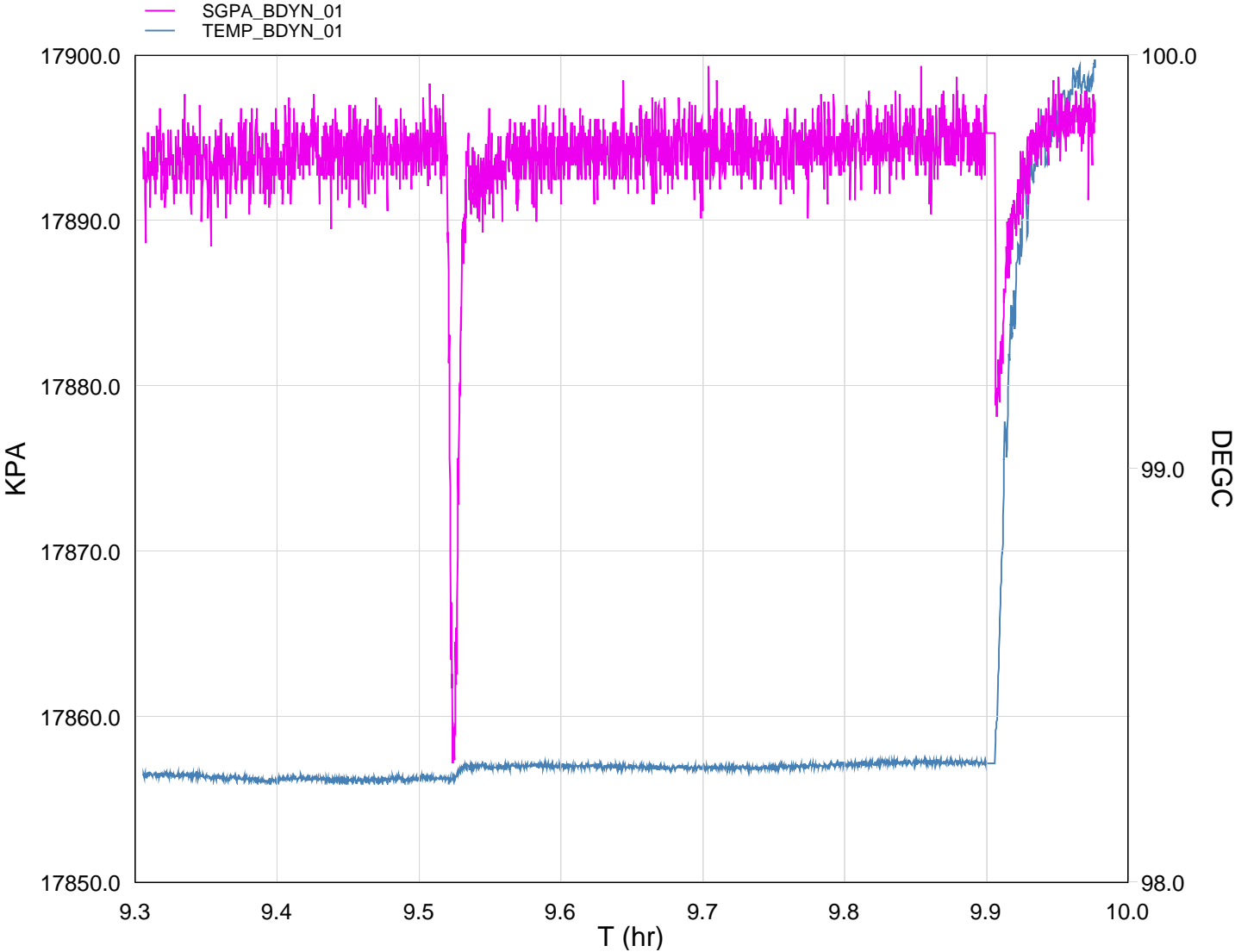
Output DLIS Files

DEFAULT PERFO_033PUP FN:32 PRODUCER 05-May-2008 13:18



GUN # 1
2695.4m to 2700.3m MDKB

MAXIS Field Log



TIME	DEGF	PSIA
6960.0	211.71	2595.791
6840.0	209.81	2593.633

6840.0	209.81	2595.633
6720.0	208.92	2595.430
6600.0	208.92	2595.485
6480.0	208.92	2595.481
6360.0	208.92	2595.616
6240.0	208.90	2595.418
6120.0	208.90	2595.286
6000.0	208.89	2595.302
5880.0	208.90	2595.291
5760.0	208.91	2595.256
5640.0	208.91	2595.352
5520.0	208.91	2595.096
5400.0	208.85	2595.291
5280.0	208.85	2595.412
5160.0	208.85	2595.205
5040.0	208.85	2595.166
4920.0	208.85	2595.271
4800.0	208.87	2595.337
4680.0	208.86	2595.147

Schlumberger

GUN # 1
Shooting Pass

MAXIS Field Log

Company: Esso Australia Pty Ltd.

Well: A-16

Output DLIS Files

DEFAULT PERFO_028LUP FN:27 PRODUCER 05-May-2008 09:11 2712.4 M 2632.4 M

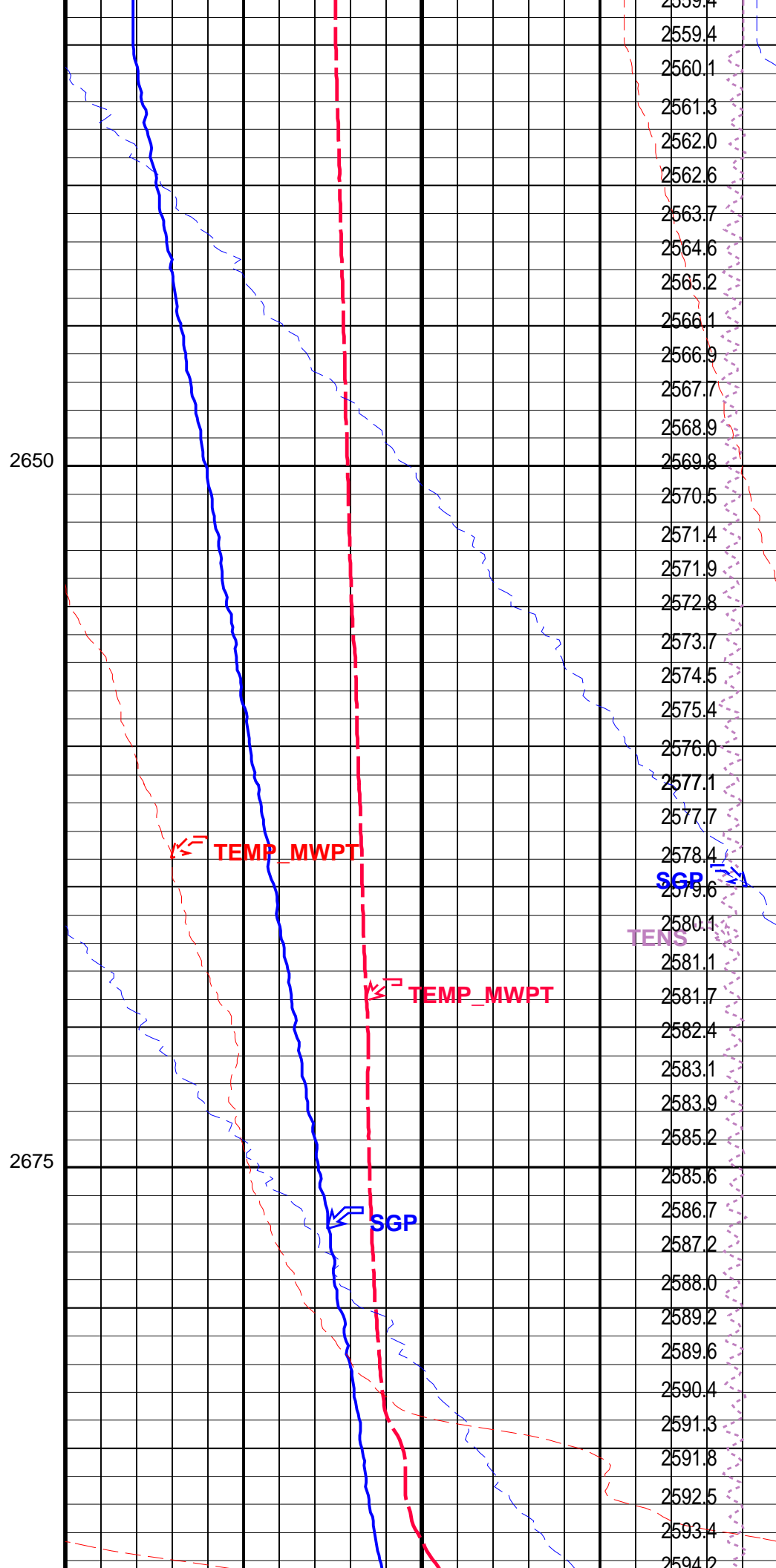
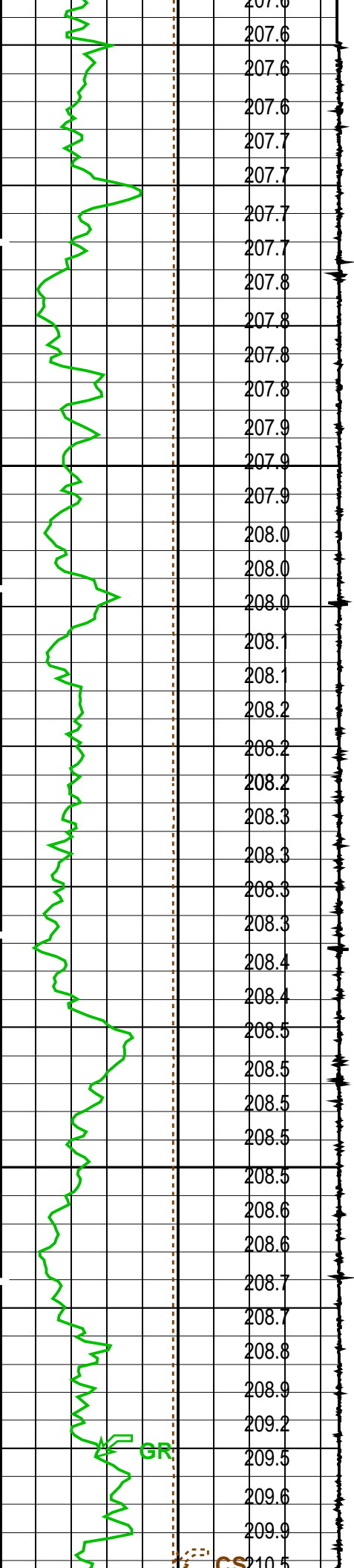
OP System Version: 15C0-309
MCM

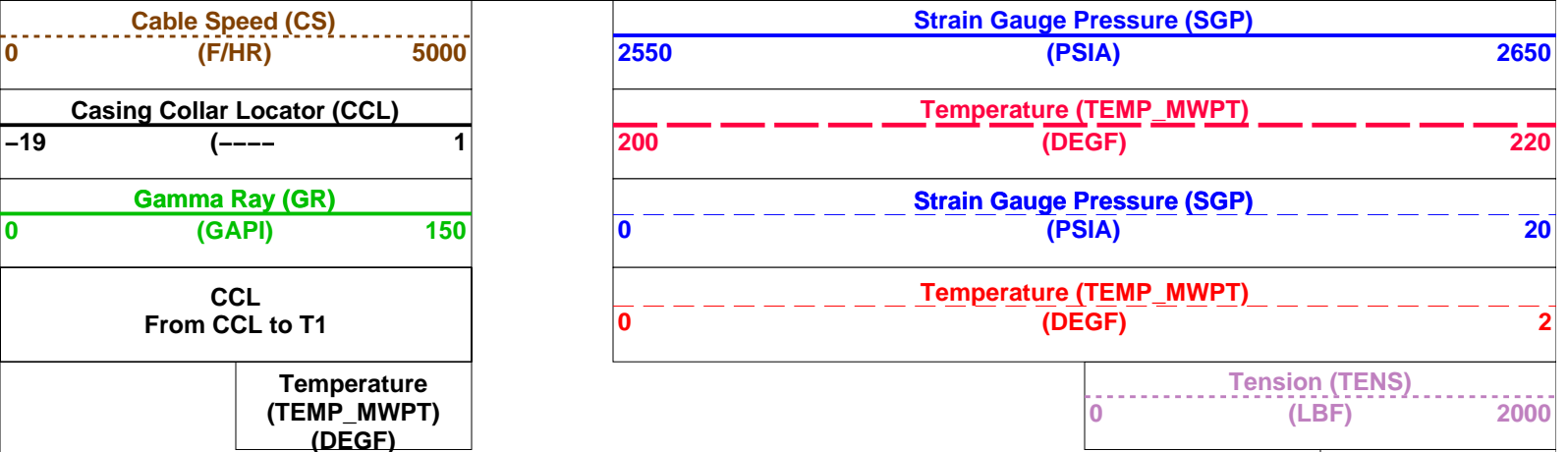
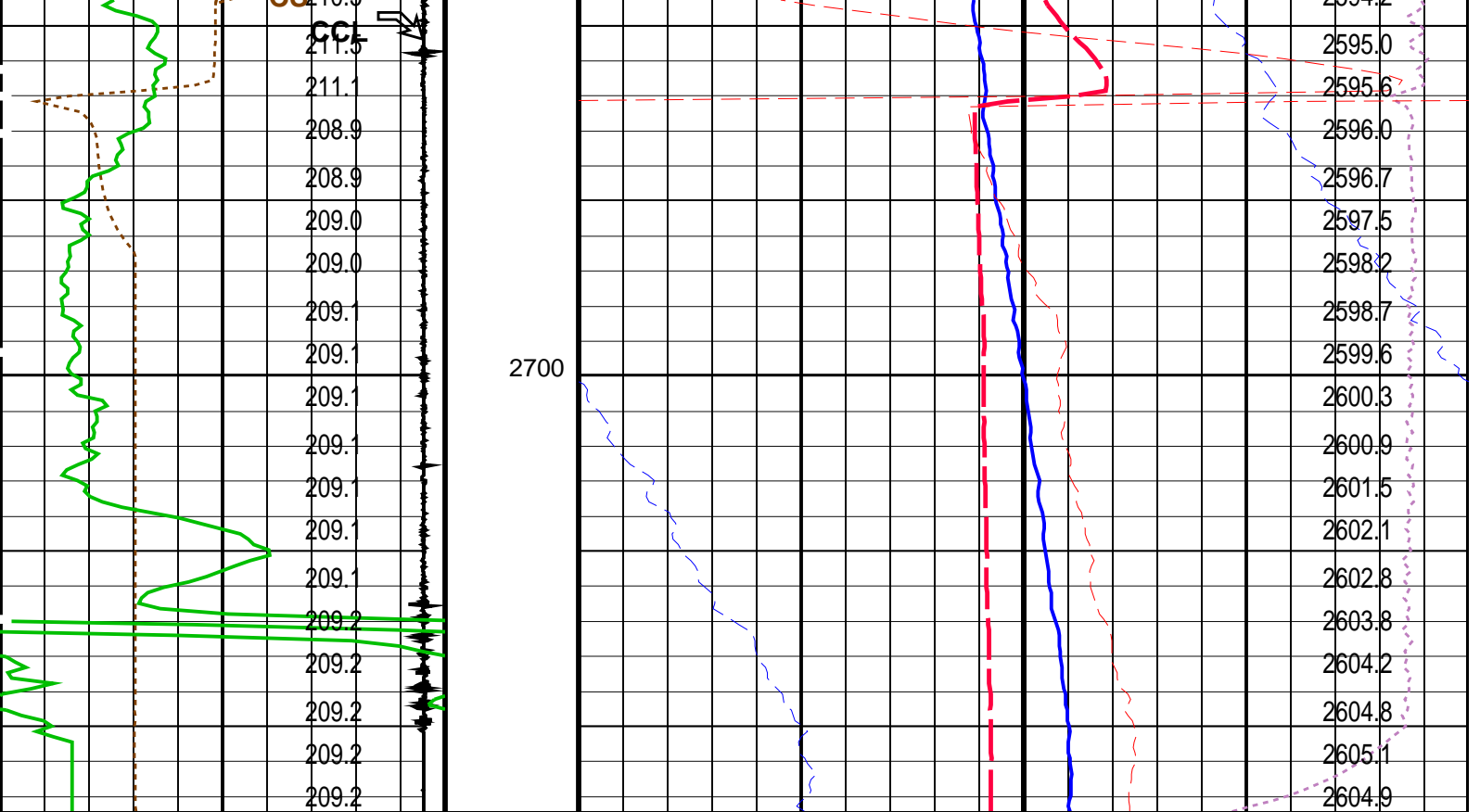
MWP_GUN SRPC-3546-Q1_2008_OP15 MWPT-CA SRPC-3546-Q1_2008_OP15
MWGT-AA SRPC-3546-Q1_2008_OP15

PIP SUMMARY

Time Mark Every 60 S

		Pressure (SGP) (PSIA)	
Temperature (TEMP_MWPT) (DEGF)		0	2000
CCL From CCL to T1		0	2
Gamma Ray (GR) (GAPI)		0	20
Casing Collar Locator (CCL)		200	220
Cable Speed (CS) (F/HR)		2550	2650





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

Format: MWP Vertical Scale: 1:200 Graphics File Created: 05-May-2008 09:11

OP System Version: 15C0-309			
MCM			
MWP_GUN	SRPC-3546-Q1_2008_OP15	MWPT-CA	SRPC-3546-Q1_2008_OP15
MWGT-AA	SRPC-3546-Q1_2008_OP15		

Output DLIS Files			
DEFAULT	PERFO_028LUP	FN:27	PRODUCER 05-May-2008 09:11

Company: Esso Australia Pty Ltd.

Well: A-16

Input DLIS Files

DEFAULT PERFO_026LUP FN:25 PRODUCER 05-May-2008 08:59 2714.1 M 2662.0 M

Output DLIS Files

DEFAULT PERFO_027PUP FN:26 PRODUCER 05-May-2008 09:05 2715.2 M 2661.1 M

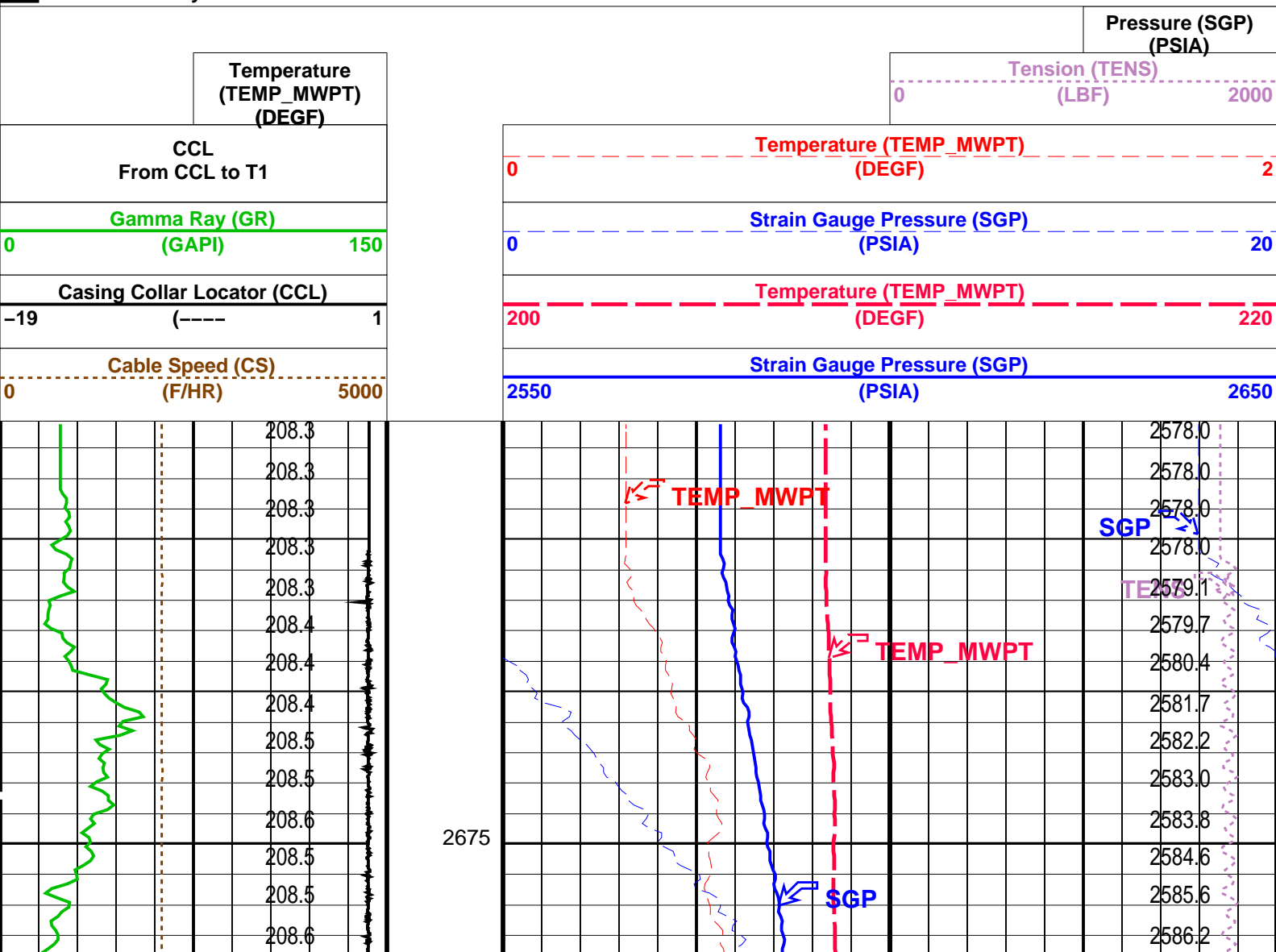
OP System Version: 15C0-309

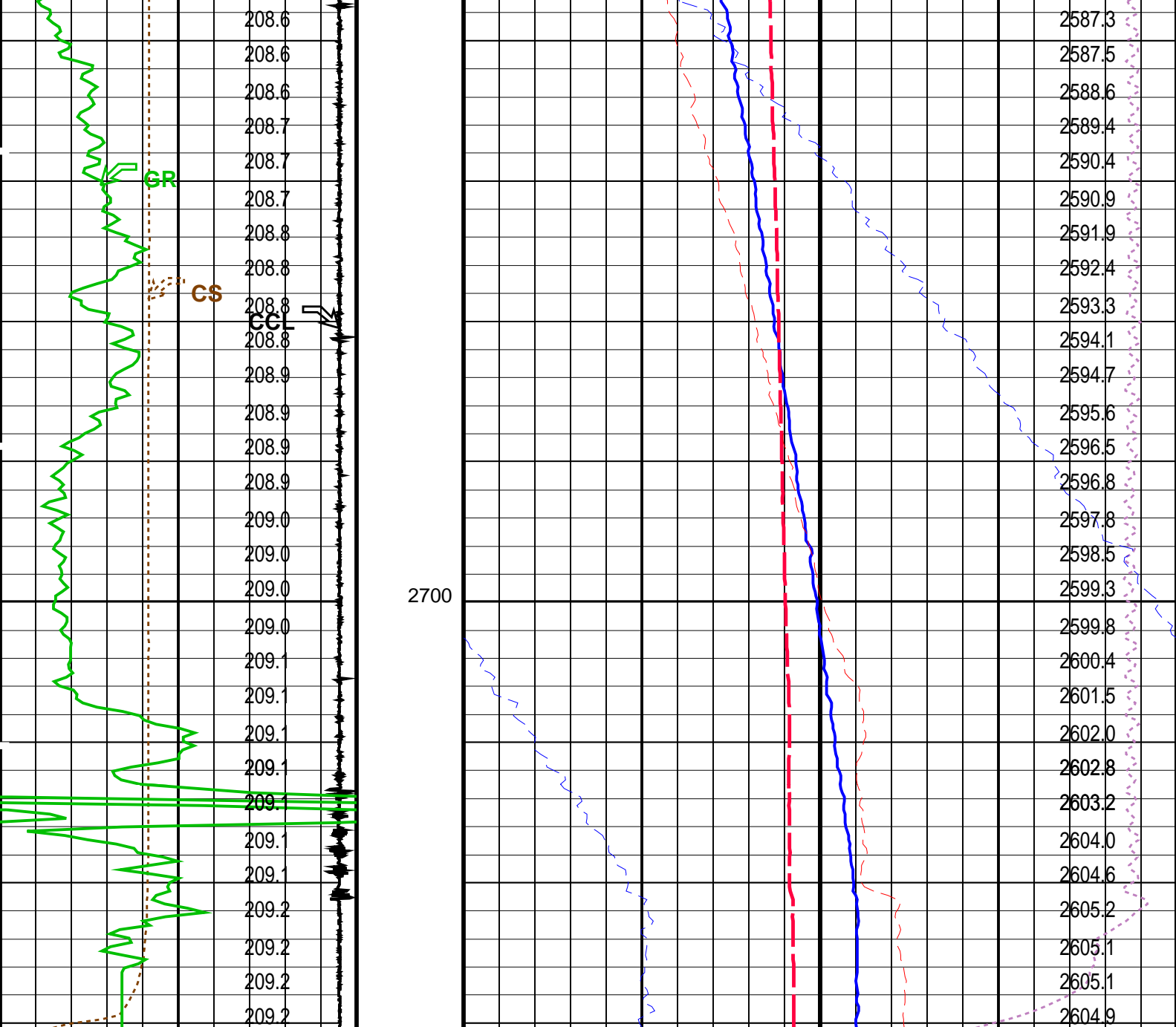
MCM

MWP_GUN SRPC-3546-Q1_2008_OP15 MWPT-CA SRPC-3546-Q1_2008_OP15
MWGT-AA SRPC-3546-Q1_2008_OP15

PIP SUMMARY

Time Mark Every 60 S





Cable Speed (CS) (F/HR)		0	5000
Casing Collar Locator (CCL)		-19	1
Gamma Ray (GR) (GAPI)		0	150
CCL From CCL to T1			
Temperature (TEMP_MWPT) (DEGF)			
Strain Gauge Pressure (SGP) (PSIA)		2550	2650
Temperature (TEMP_MWPT) (DEGF)		200	220
Strain Gauge Pressure (SGP) (PSIA)		0	20
Temperature (TEMP_MWPT) (DEGF)		0	2
Tension (TENS) (LBF)		0	2000
Pressure (SGP) (PSIA)			

PIP SUMMARY	
Time Mark Every 60 S	

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				1.0 M
PP	Playback Processing				NORMAL
Format: MWP		Vertical Scale: 1:200		Graphics File Created: 05-May-2008 09:05	
OP System Version: 15C0-309					
MCM					
MWP_GUN	SRPC-3546-Q1_2008_OP15		MWPT-CA	SRPC-3546-Q1_2008_OP15	
MWGT-AA	SRPC-3546-Q1_2008_OP15				
Input DLIS Files					
DEFAULT	PERFO_026LUP	FN:25	PRODUCER	05-May-2008 08:59	2714.1 M 2662.0 M
Output DLIS Files					
DEFAULT	PERFO_027PUP	FN:26	PRODUCER	05-May-2008 09:05	
Company: Esso Australia Pty Ltd.					
Schlumberger					
Well:	A-16				
Field:	Bream A				
Rig :	Prod4 / Crane				
Country:	Australia				
2 1/8" Phased Powerjet Perforation					
5 1/2" MPBT Plug					
Setting Record					