Rig : Prod4 / Crane

Schlumberger

Company: **Esso Australia Pty Ltd.**

Well: **A−5a**
Field: **Bream A**
Rig : **Prod4 / Crane** Country: **Australia**

Company: Esso Australia Pty Ltd.
Well: A−5a
Location: Gippsland
Field: Bream A

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

LOCATION			
Gippsland	Elev.:	K.B.	33.5 m
Basin		G.L.	−59 m
Bass Strait		D.F.	33.5 m
Permanent Datum: M.S.L	Elev.: 0 m		
Log Measured From: D.F	33.5 m above Perm. Datum		
Drilling Measured From: D.F			

State :	Max. Well Deviation	Longitude	Latitude
Victoria	58.4 deg	147 46'15"E	038 30'04"S

Logging Date		7−May−2008			
Run Number		1 thru 5			
Depth Driller		2880 m			
Schlumberger Depth		2687 m			
Bottom Log Interval		2687 m			
Top Log Interval		2425 m			
Casing Fluid Type		Production Fluids			
Salinity					
Density					
Fluid Level		340 m			
BIT/CASING/TUBING STRING					
Bit Size		8.500 in			
From		11.7 m			
To		2810 m			
Casing/Tubing Size		7.000 in			
Weight		29 lbm/ft			
Grade		L−80			
From		11.7 m			
To		2809 m			
Maximum Recorded Temperatures		210 degF			
Logger On Bottom	Time	7−May−2008		0:15	
Unit Number	Location	889	Prod4 / Ausl		
Recorded By		G Wright & O Darby			
Witnessed By		B White & J Dean			

		Run 1
PVT DATA	Oil Density	
	Water Salinity	
	Gas Gravity	
	Bo	
	Bw	
	1/Bg	
	Bubble Point Pressure	
	Bubble Point Temperature	
	Solution GOR	
	Maximum Deviation	58.4 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		
Witnessed By		

DEPTH SUMMARY LISTING

Date Created: 7−MAY−2008 7:35:19

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:	24425
Calibration Date:	4−Jan−2007	Calibration Date:	30−Apr−2008	Length:	6409.94 M
Calibrator Serial Number:	9	Calibrator Serial Number:	1174	Conveyance Method:	Wireline
Calibration Cable Type:	2−23ZT	Calibration Gain:	0.92	Rig Type:	Rigless
Wheel Correction 1:	−2	Calibration Offset:	199.00		
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: 06−Feb−2007

Depth Control Remarks

1. IDW used as primary depth control.
2. Z−chart used as secondary backup

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

REMARKS: RUN NUMBER 1
Log correlated to ExxonMobil composite supplied with logging program.
Maximum well deviation = 58 degrees at 2810.0 MDKB.
Objective:
RIH with perforating gun, correlate guns on depth to Solar composite log.
Locate gun over perforation interval = 2661.3m − 2664.8m 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 = 209.7 DegF, SBHP = 2563.4 Psi / FBHT = 210.6 DegF, FBHP 2597.4 Psi

MPBT Plug

RIH with dummy plug toolstring incorprating GR−CCL ensure access to plug setting depth. Run MPBT toolstring in hole with a 7" plug set with the plugs top sealing element at approximately 2677.0m 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, A McLellan

RUN 1			RUN 2		
SERVICE ORDER #:		Ausl08509114	SERVICE ORDER #:		
PROGRAM VERSION:		15C0−309	PROGRAM VERSION:		
FLUID LEVEL:		340 m	FLUID LEVEL:		
LOGGED INTERVAL	START	STOP	LOGGED INTERVAL	START	STOP

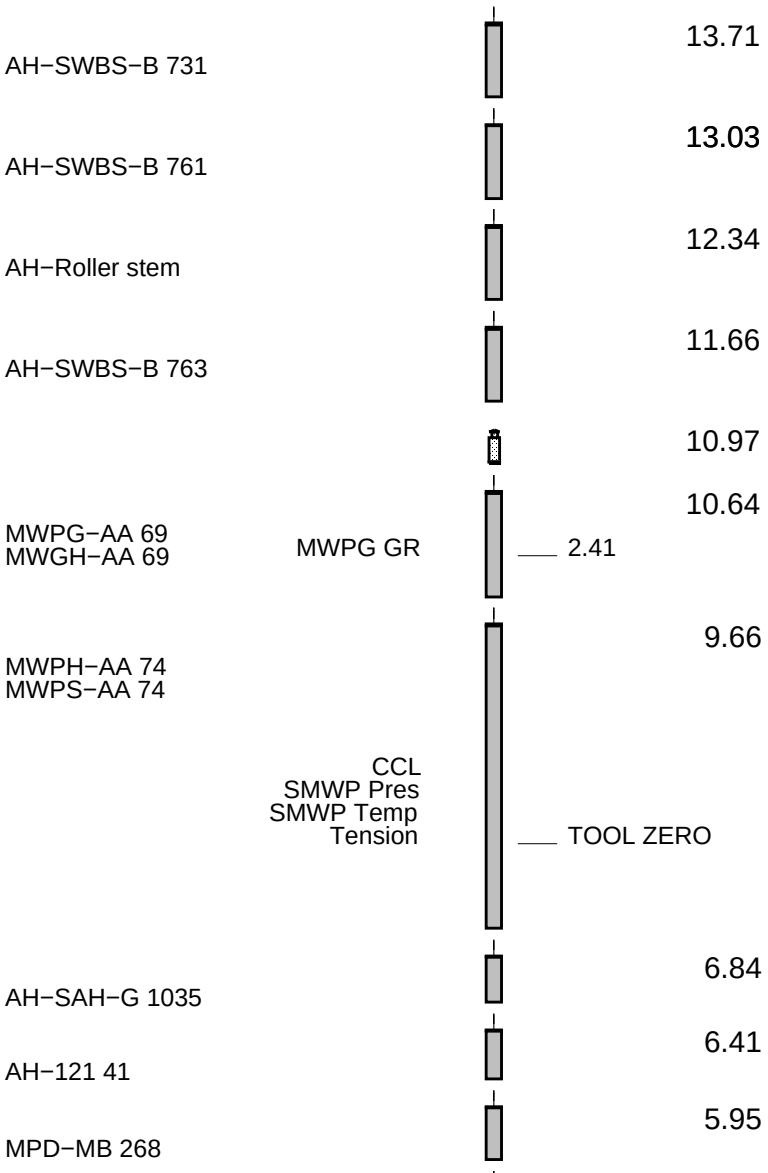
EQUIPMENT DESCRIPTION

RUN 1

SURFACE EQUIPMENT

MWPM−. 3008

DOWNHOLE EQUIPMENT

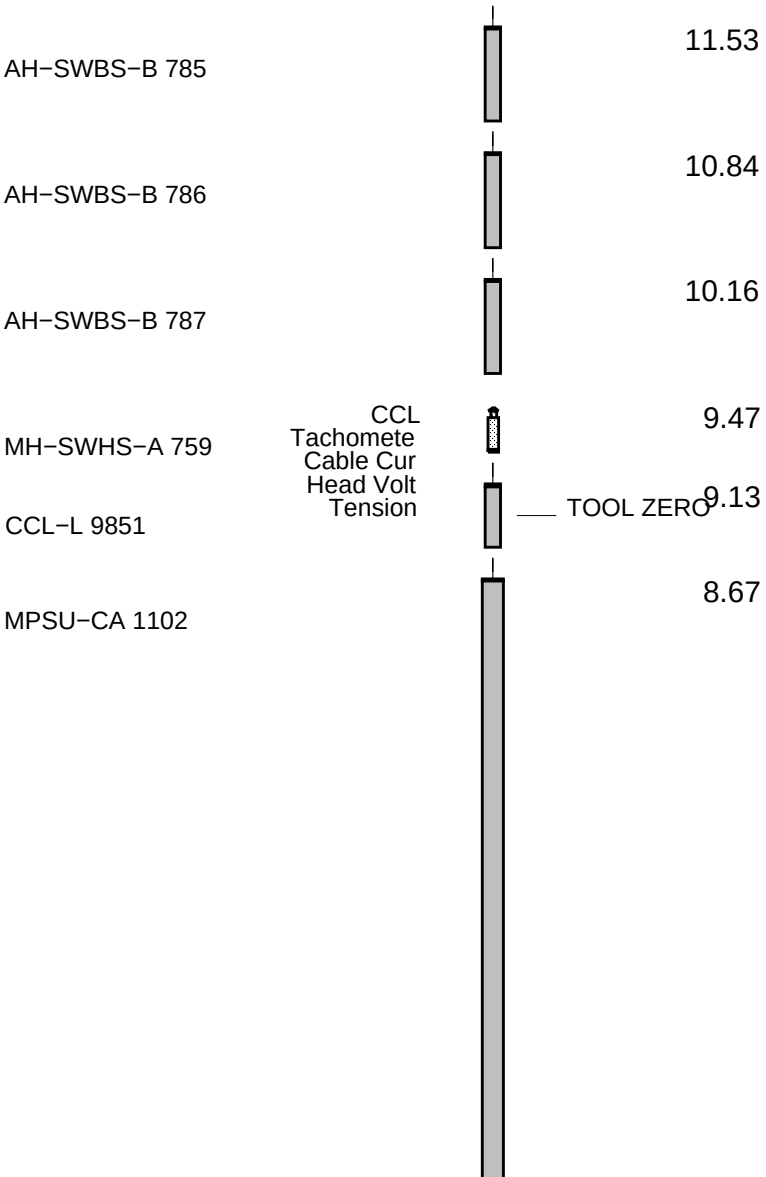


RUN 2

SURFACE EQUIPMENT

MPBM 47

DOWNHOLE EQUIPMENT



AH−ESIC 15042002

5.46

TOOL BOTTOM

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

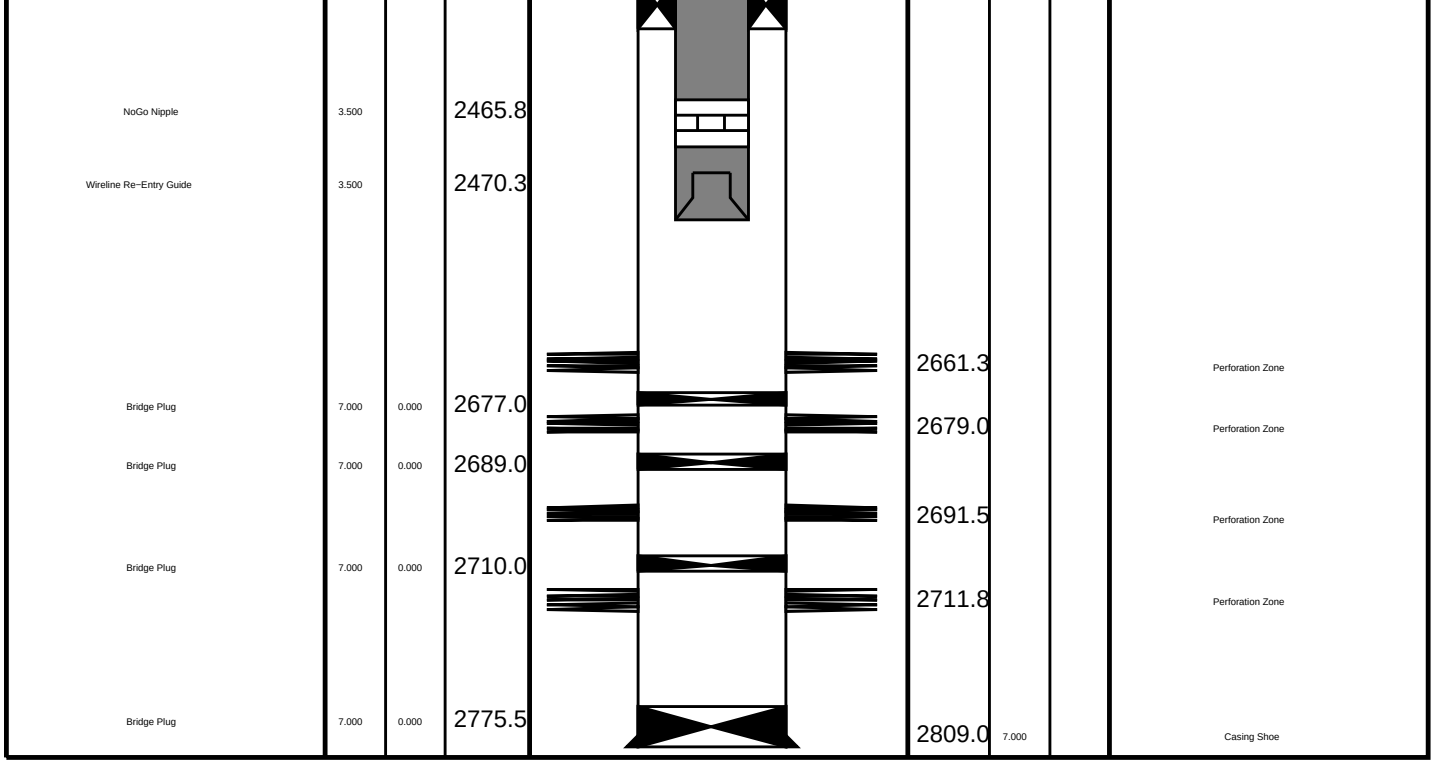
MPEX−BA 7" 29# Mpbt Plug

2.26

TOOL BOTTOM

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

Production String	(in) OD	(in) ID	(m) MD	Well Schematic	(m) MD	(in) OD	(in) ID	Casing String
Tubing	3.500		11.0		13.2	13.375		Casing String
Tubing Hanger	7.000	3.500	10.0		0.0	7.000		Casing String
SSSV	3.500		451.5					
Gas Lift Mandrel	3.500		518.0					
Gas Lift Mandrel	3.500		912.8		883.0	13.375		Casing Shoe
Gas Lift Mandrel	3.500		1220.9					
Gas Lift Mandrel	3.500		1237.1					
Landing Nipple	3.500		1237.1					
Packer	7.000	3.500	2460.3					



Schlumberger Job Event Summary

	Time	Elapsed Time	Depth (M)	File
Log Pass (up) MWPT Correaltion pass	7−May−2008 0:11	000:07	2673.1 − 2603.9	PERFO_012LUP
Log Pass (up) MWPT shooting pass	7−May−2008 0:21	000:27	2671.7 − 2606.8	PERFO_013LUP
Station Log MWPT Station log	7−May−2008 0:26	000:15	2657.8 − 2.2	PERFO_014LTP
Log Pass (up) Dummy plug correlation pass	7−May−2008 3:39	000:07	2686.4 − 2409.4	PERFO_030LUP
Log Pass (up) MPBT Correlation pass	7−May−2008 9:16	000:06	2646.9 − 2535.3	MPBT_046LUP
Simulated Log MPBT Setting	7−May−2008 9:34	000:29		MPBT_048LUP
Log Pass (up) Water dump bailer run	8−May−2008 1:54	000:12	2669.3 − 2420.6	PERFO_057LUP
Log Pass (up) Cement dump bailer run	8−May−2008 4:06	000:12	2668.5 − 2412.5	PERFO_064LUP

Schlumberger

2 1/8" Dump Bailer Cement Run

MAXIS Field Log

Output DLIS Files

DEFAULT	PERFO_064LUP	FN:62	PRODUCER	08−May−2008 04:06

OP System Version: 15C0−309

MCM

SHM_GUN	SRPC−3546−Q1_2008_OP15	CCL−L	SRPC−3546−Q1_2008_OP15

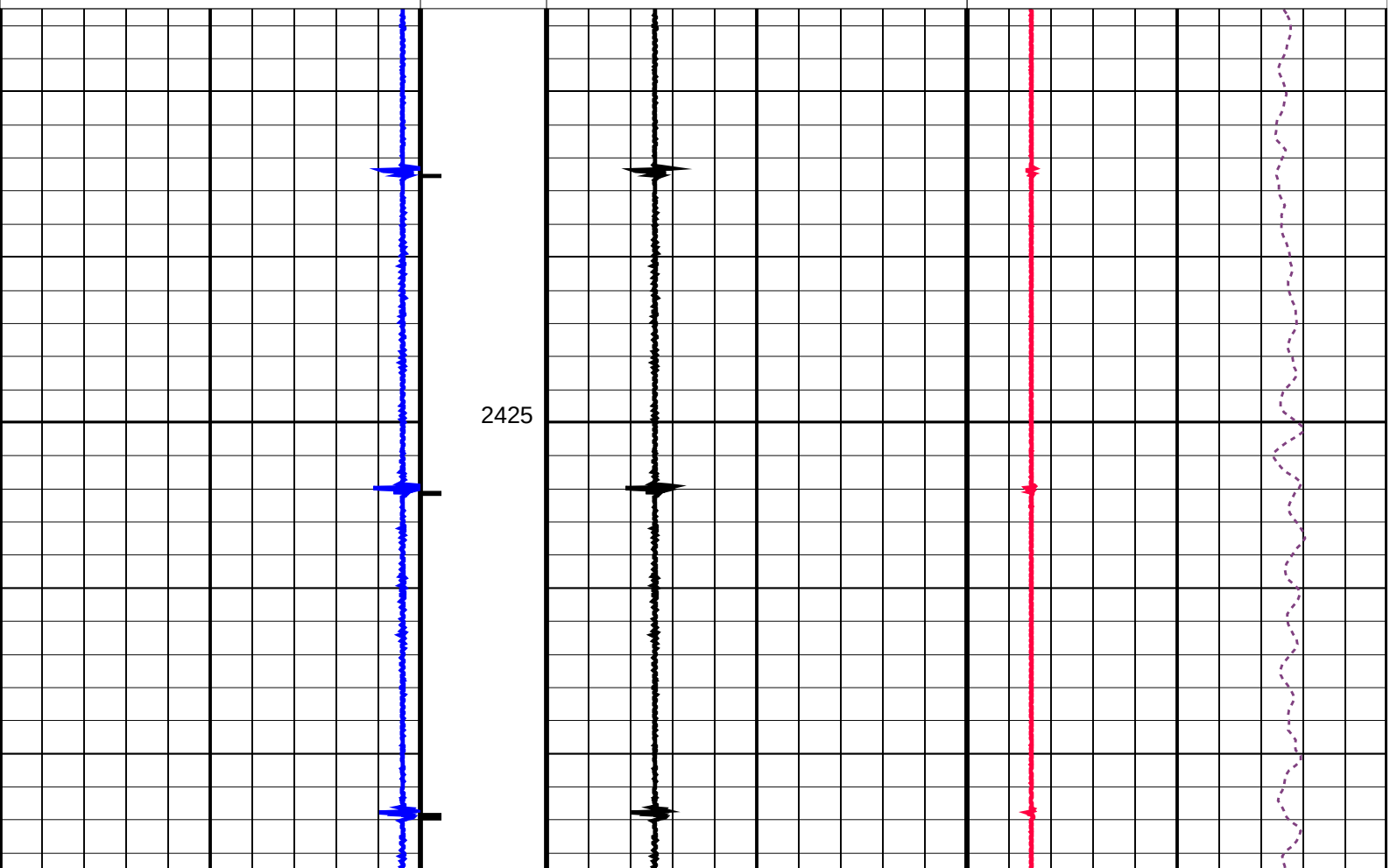
PIP SUMMARY

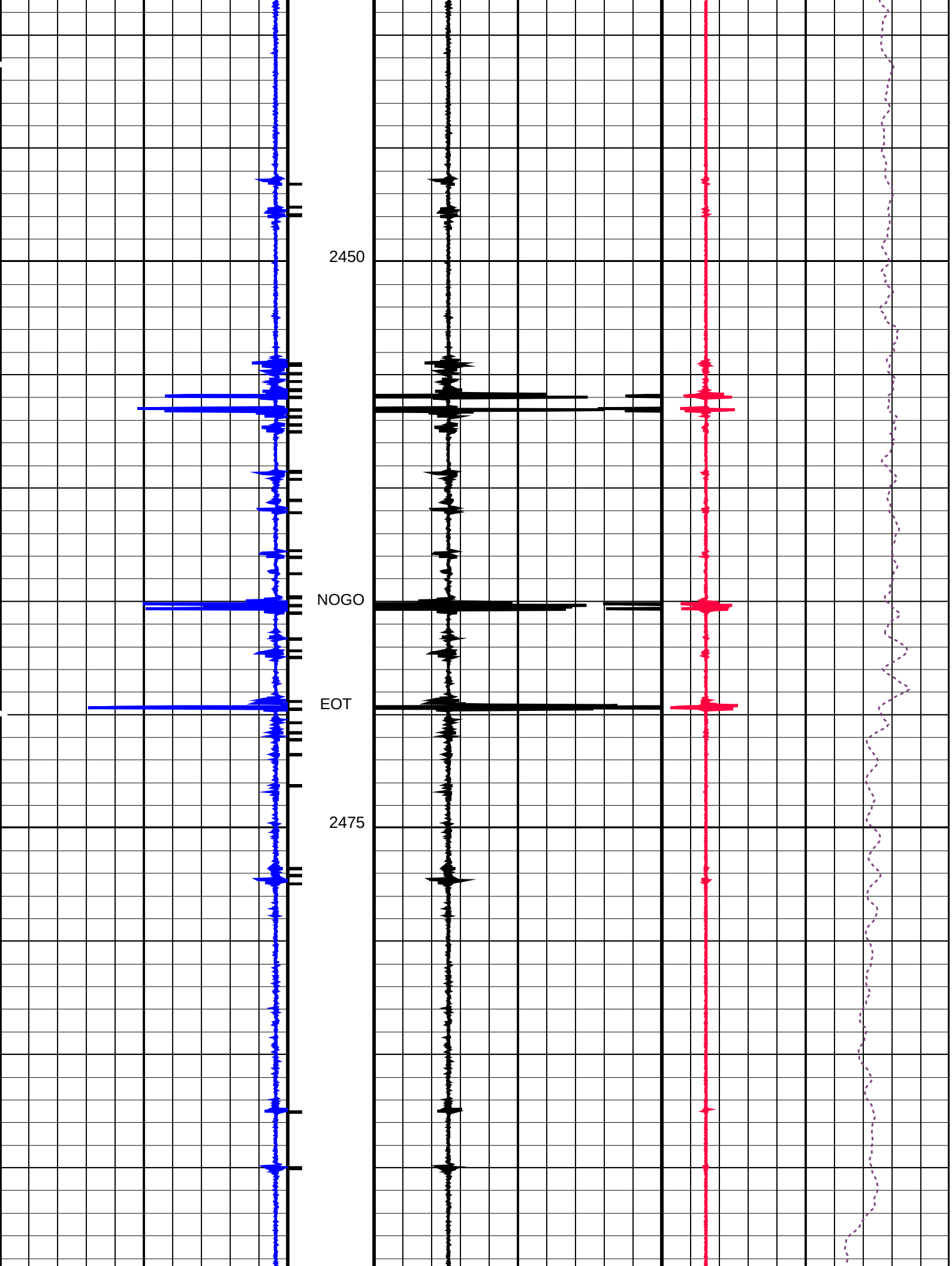
Casing Collars

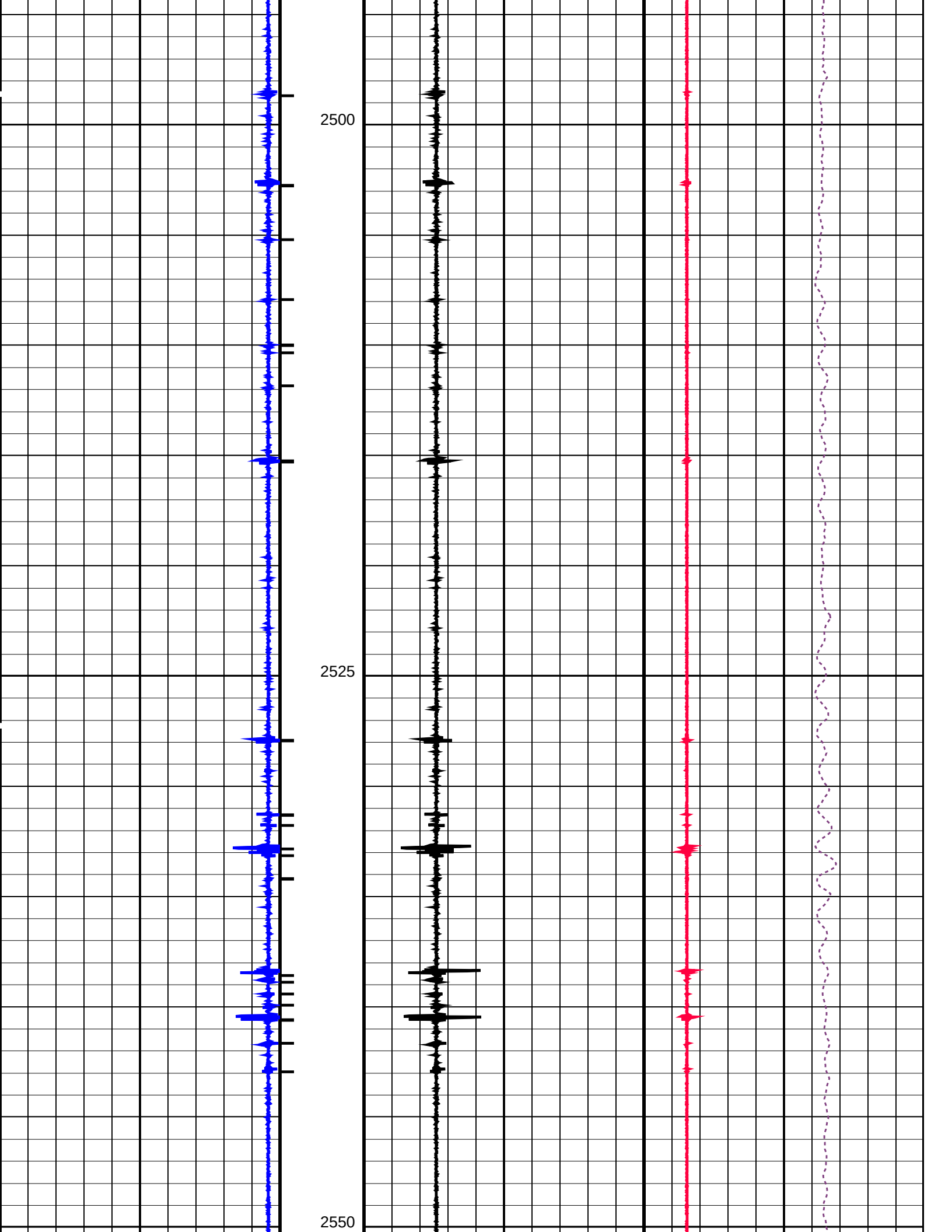
Time Mark Every 60 S

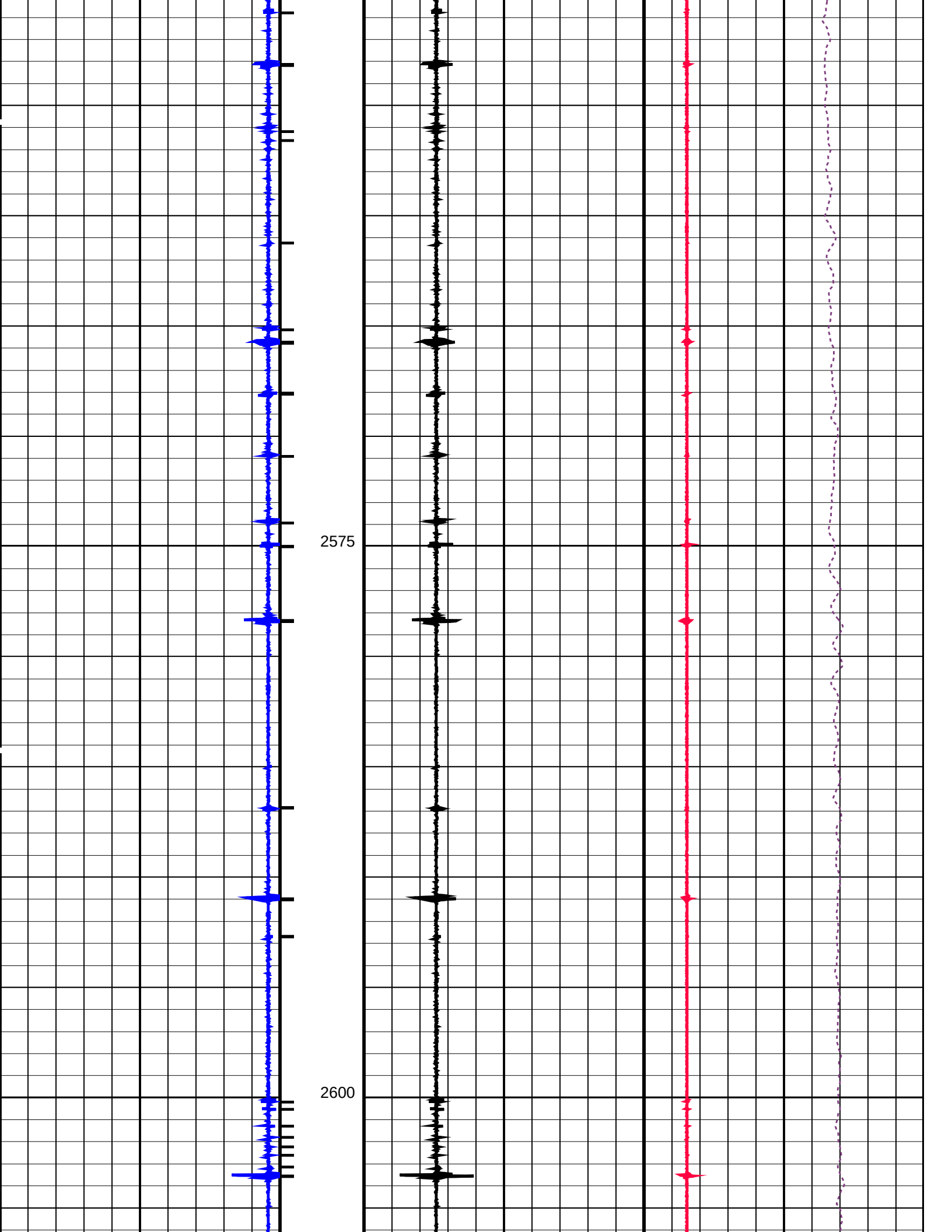
Casing Collar Locator (CCL)			Tension (TENS)		
−19	(−−−−	1	0	(LBF)	2000

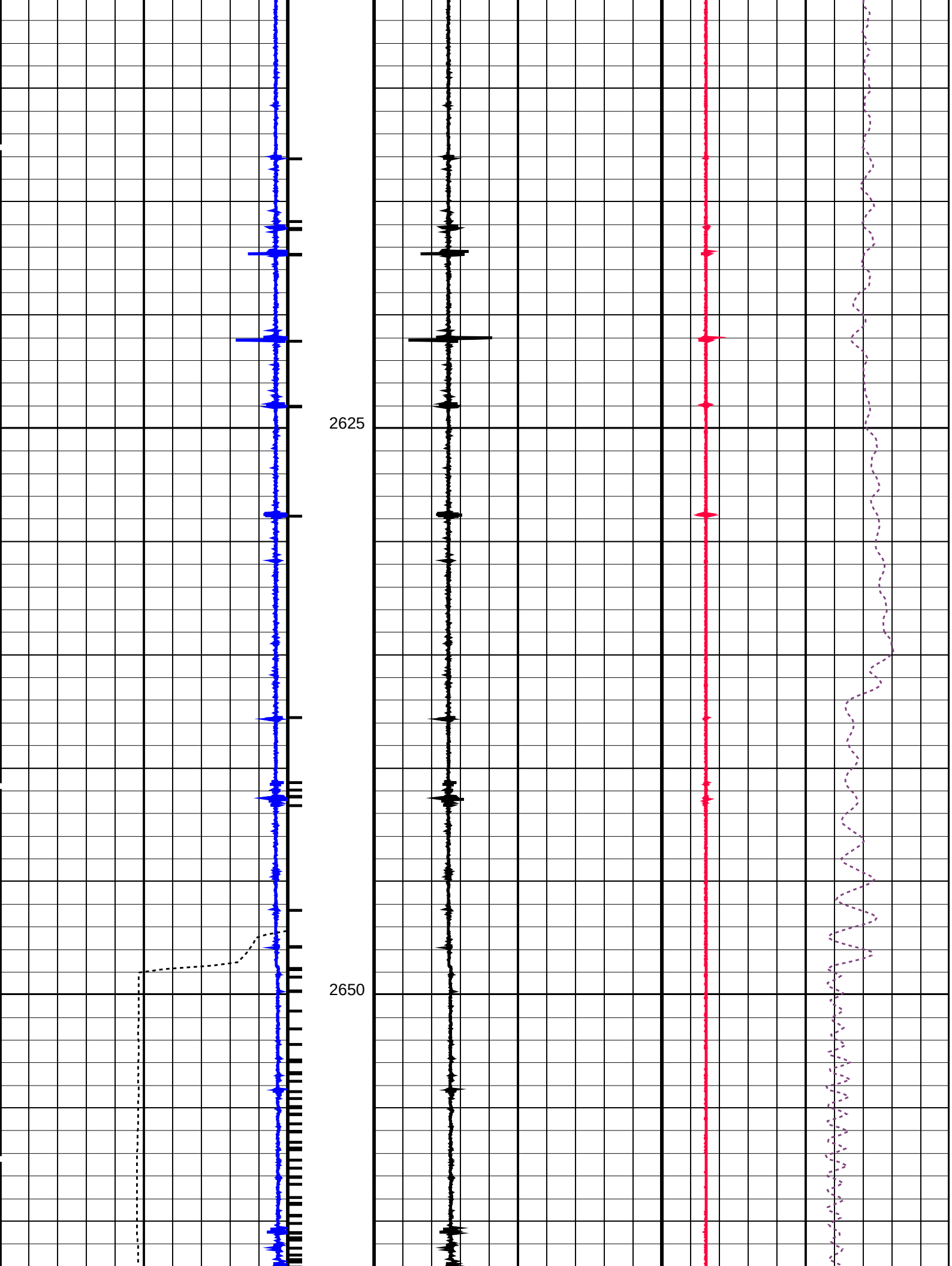
Cable Speed (CS)			Shifted Casing Collar Locator (SCCL)			Raw Casing Collar Locator (RCCL)		
0	(F/HR)	5000	−10	(−−−−	10	−3	(−−−−	17

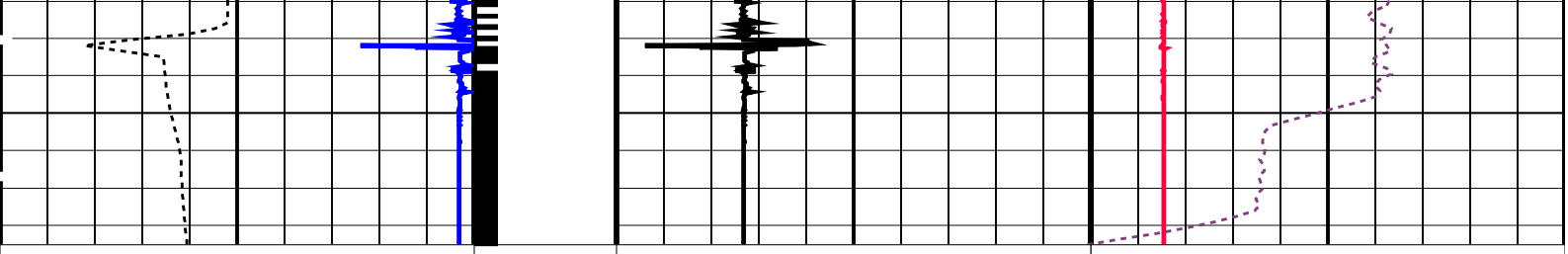



2450
NOGO
EOT
2475


2500
2525
2550


2575
2600


2625
2650



Cable Speed (CS)	Shifted Casing Collar Locator (SCCL)	Raw Casing Collar Locator (RCCL)
0 (F/HR) 5000	−10 (−−−− 10	−3 (−−−− 17
Casing Collar Locator (CCL)	**Tension (TENS)**	
−19 (−−−− 1	0 (LBF) 2000	

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_1 Vertical Scale: 1:200 Graphics File Created: 08−May−2008 04:06

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:62	PRODUCER	08−May−2008 04:06	

Schlumberger

2 1/8" Dump Bailer
Water Run

MAXIS Field Log

Input DLIS Files

DEFAULT	PERFO_057LUP	FN:55	PRODUCER	08−May−2008 01:54	2669.3 M	2420.6 M

Output DLIS Files

DEFAULT	PERFO_058PUP	FN:56	PRODUCER	08−May−2008 02:08	2666.5 M	2418.3 M

OP System Version: 15C0−309

MCM

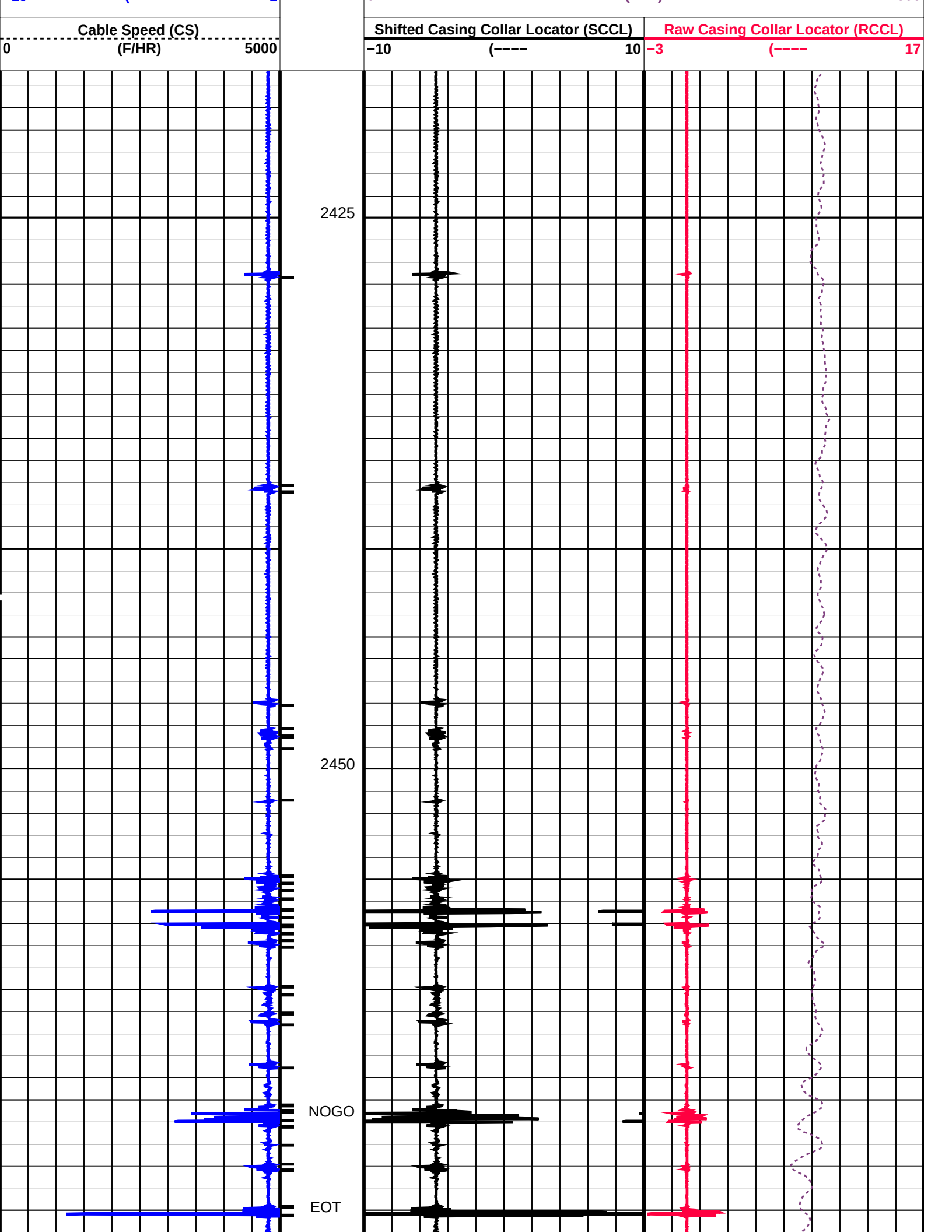
SHM_GUN	SRPC−3546−Q1_2008_OP15	CCL−L	SRPC−3546−Q1_2008_OP15

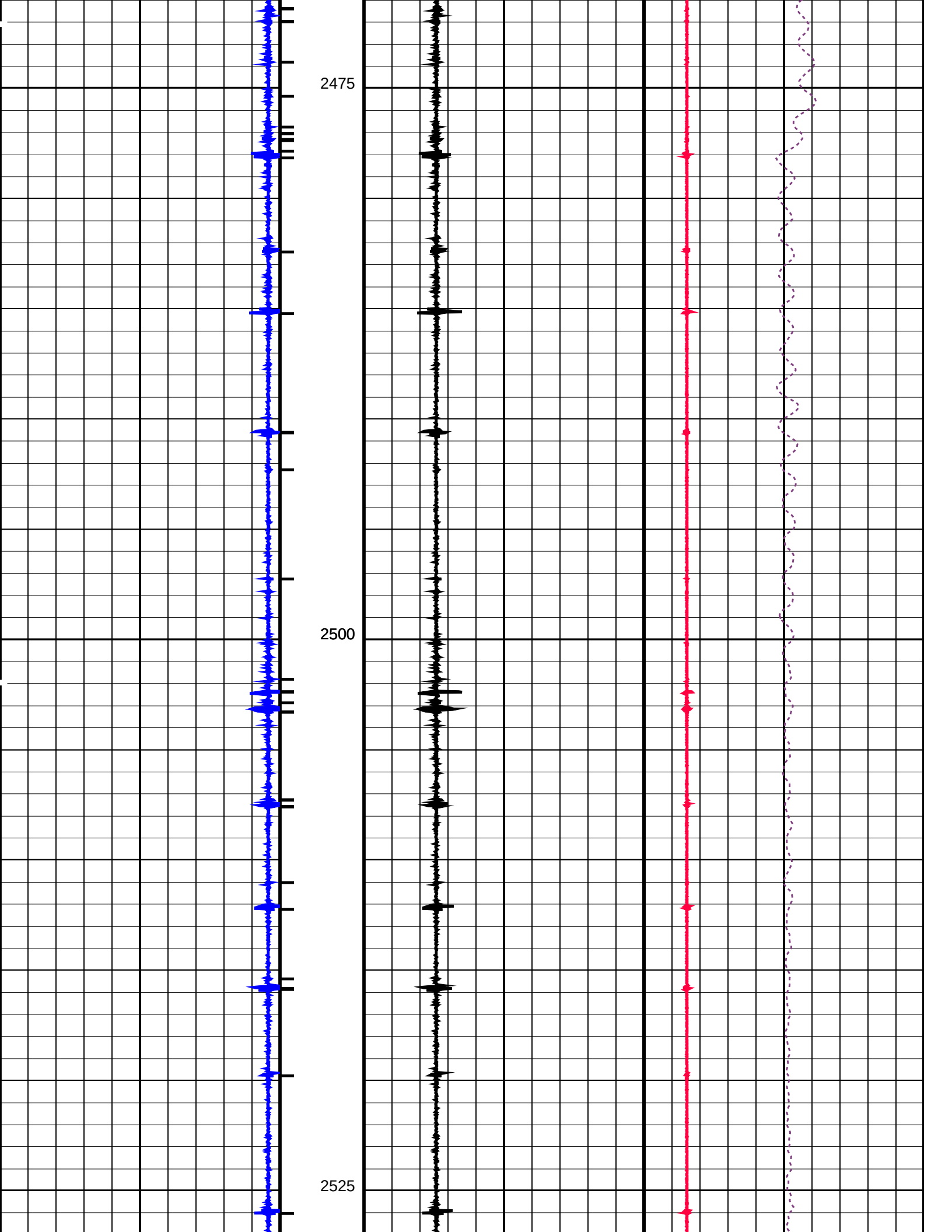
PIP SUMMARY

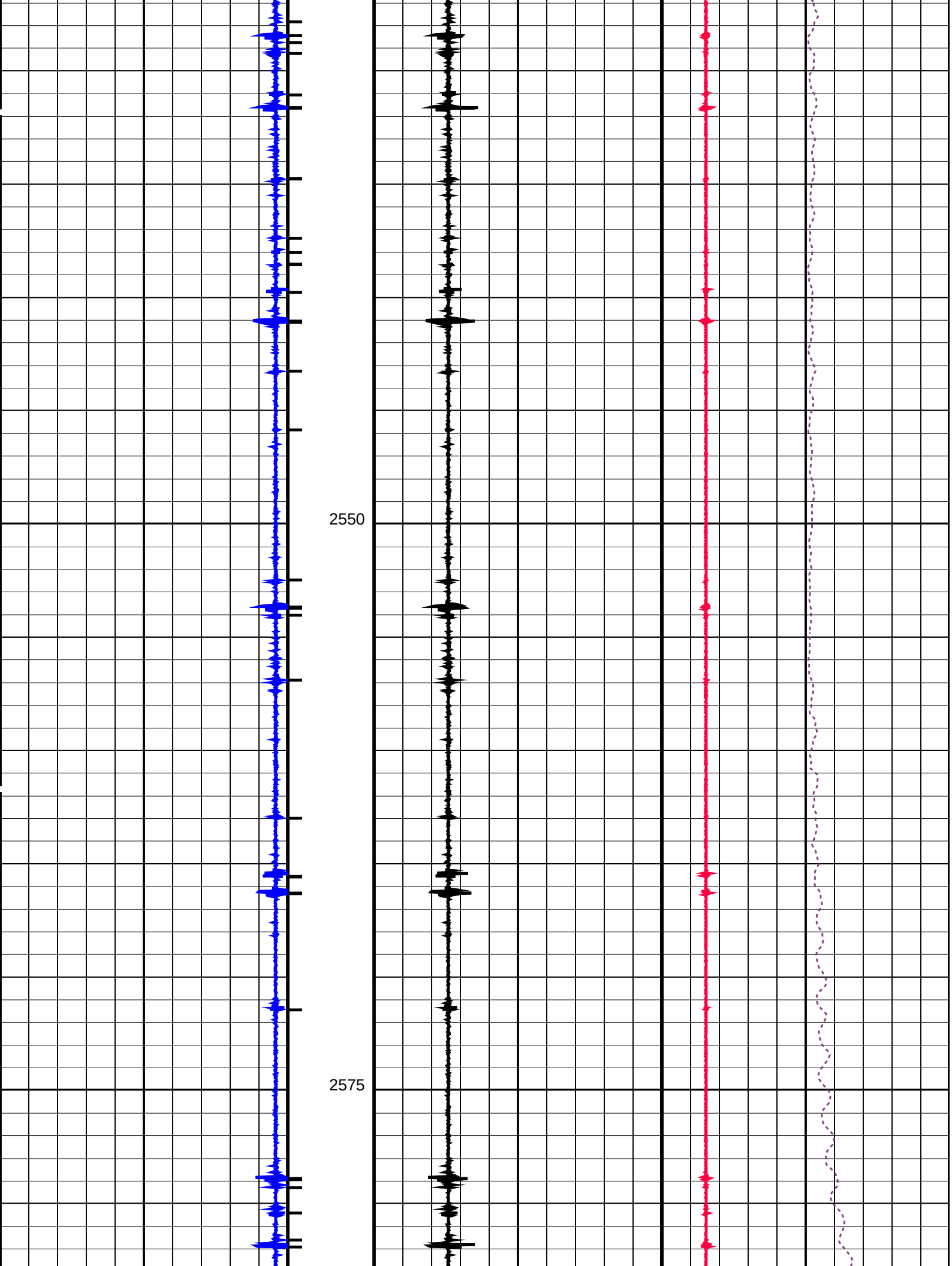
Casing Collars

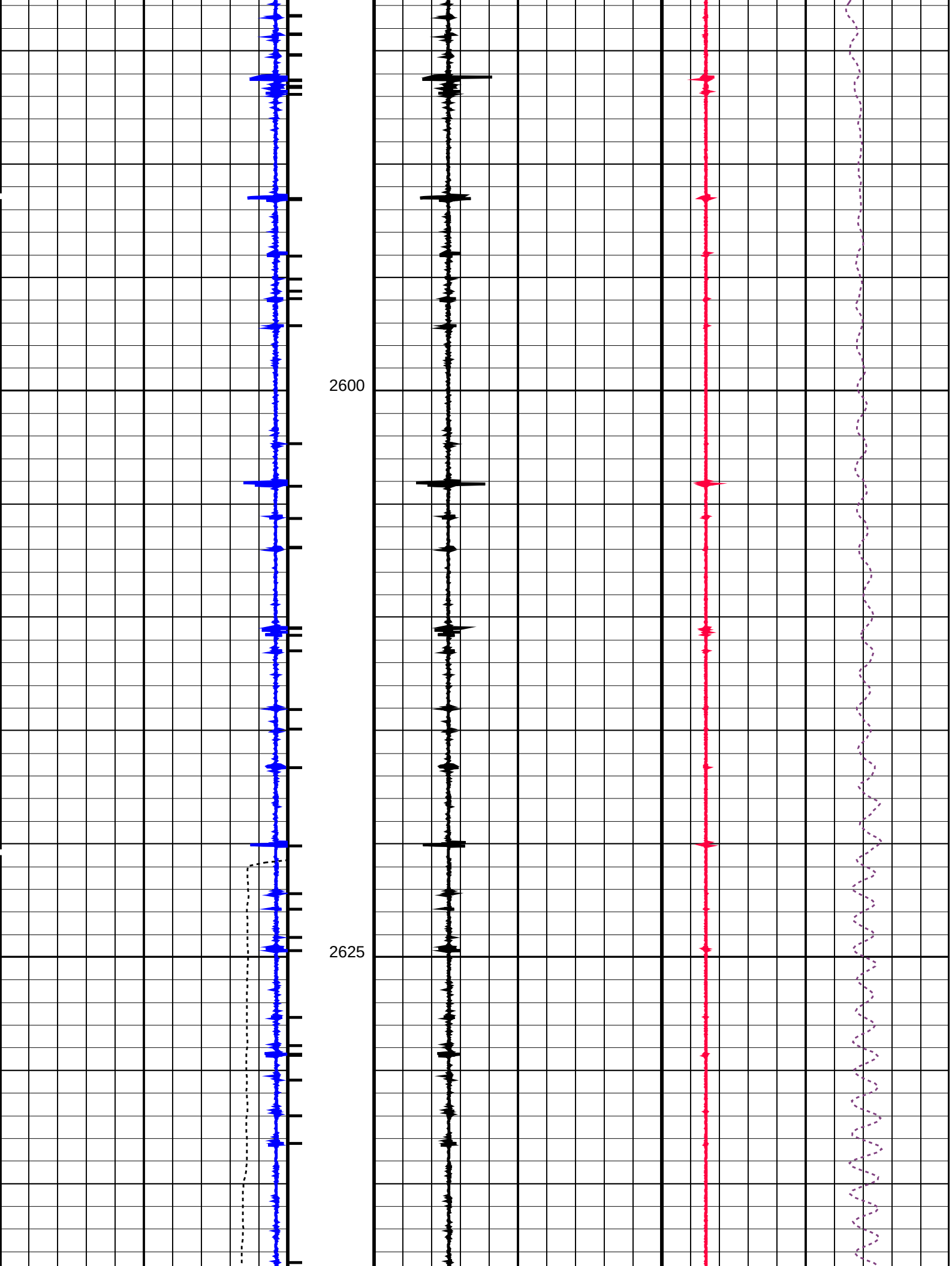
Time Mark Every 60 S

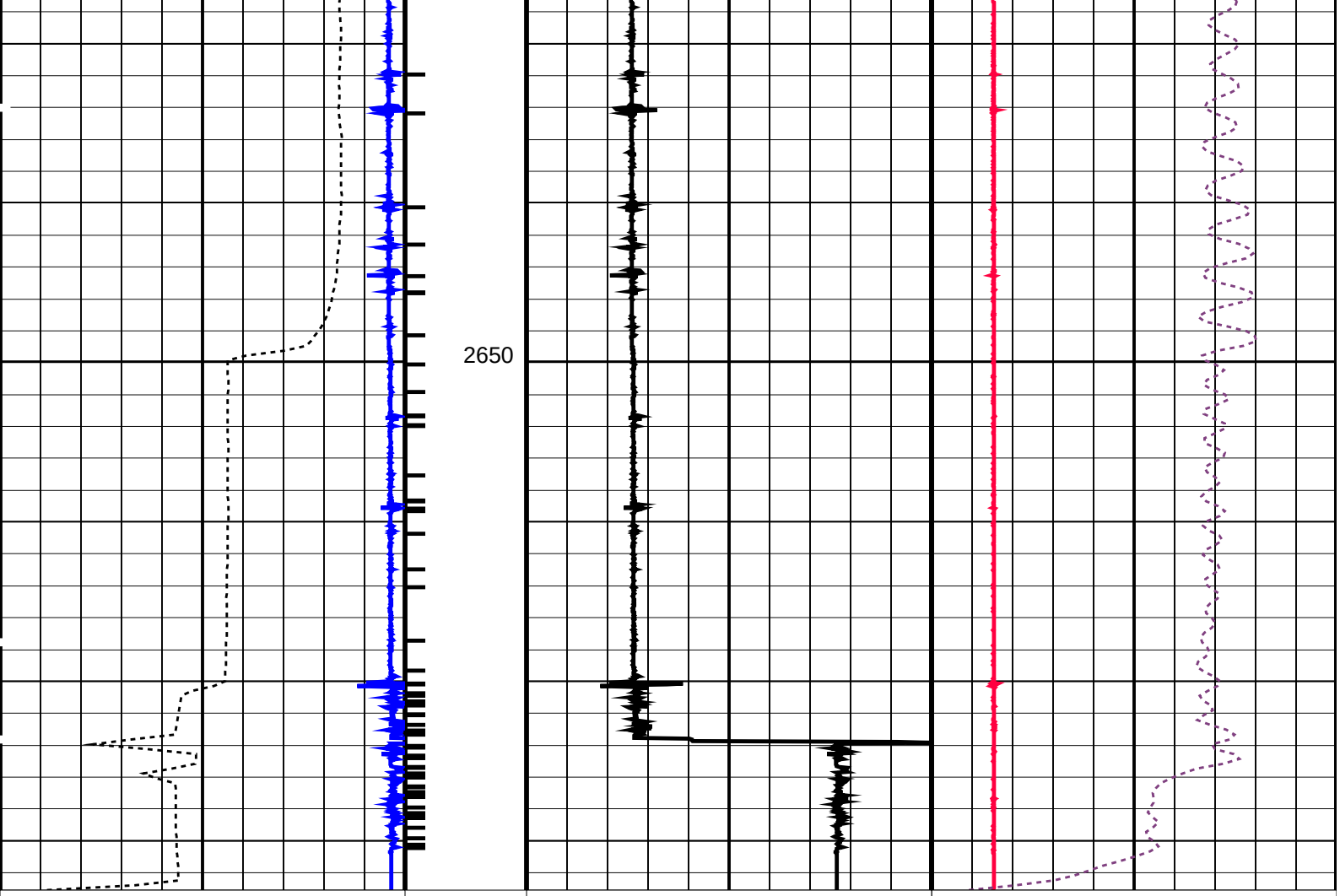
Casing Collar Locator (CCL)	Tension (TENS)
−19 (−−−− 1	0 (LBF) 2000


Cable Speed (CS)
0
(F/HR)
5000
Shifted Casing Collar Locator (SCCL)
−10
(−−−−
10
Raw Casing Collar Locator (RCCL)
−3
(−−−−
17
2425
2450
NOGO
EOT


2475
2500
2525


2550
2575


2600
2625



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
	System and Miscellaneous		
DO	Depth Offset for Playback	−2.8	M
PP	Playback Processing	NORMAL	

Format: PERFO_1 Vertical Scale: 1:200 Graphics File Created: 08−May−2008 02:08

OP System Version: 15C0−309

MCM

SHM_GUN	SRPC−3546−Q1_2008_OP15	CCL−L	SRPC−3546−Q1_2008_OP15

Input DLIS Files

DEFAULT	PERFO_057LUP	FN:55	PRODUCER	08−May−2008 01:54	2669.3 M	2420.6 M

Output DLIS Files

DEFAULT	PERFO_058PUP	FN:56	PRODUCER	08−May−2008 02:08

Schlumberger

7" MPBT Plug Setting Record

MAXIS Field Log

Output DLIS Files

DEFAULT	MPBT_048LUP	FN:46	PRODUCER	07−May−2008 09:34

OP System Version: 15C0−309

MCM

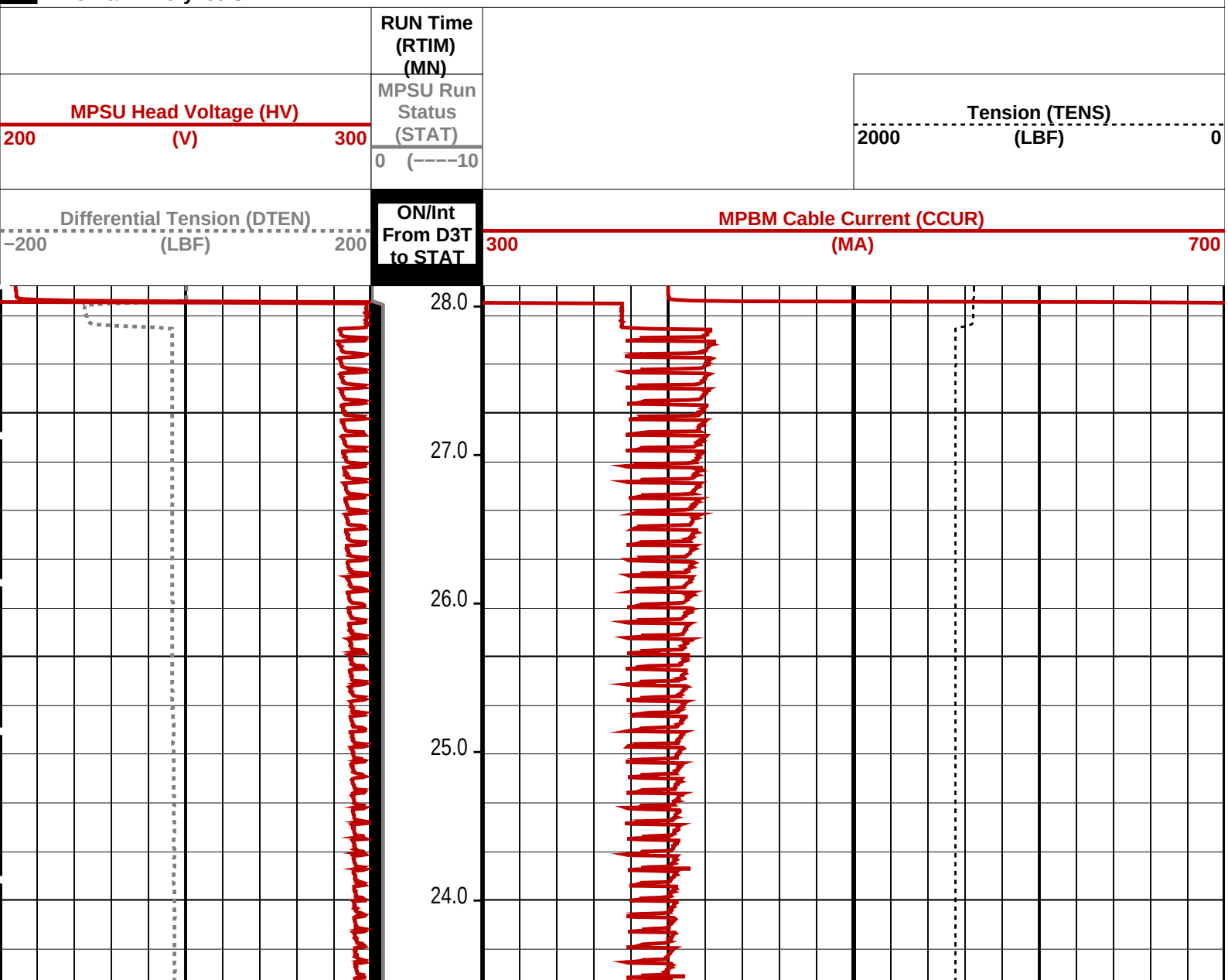
MPEX−AA	SRPC−3546−Q1_2008_OP15	MPSU−CA	SRPC−3546−Q1_2008_OP15
CCL−L	SRPC−3546−Q1_2008_OP15		

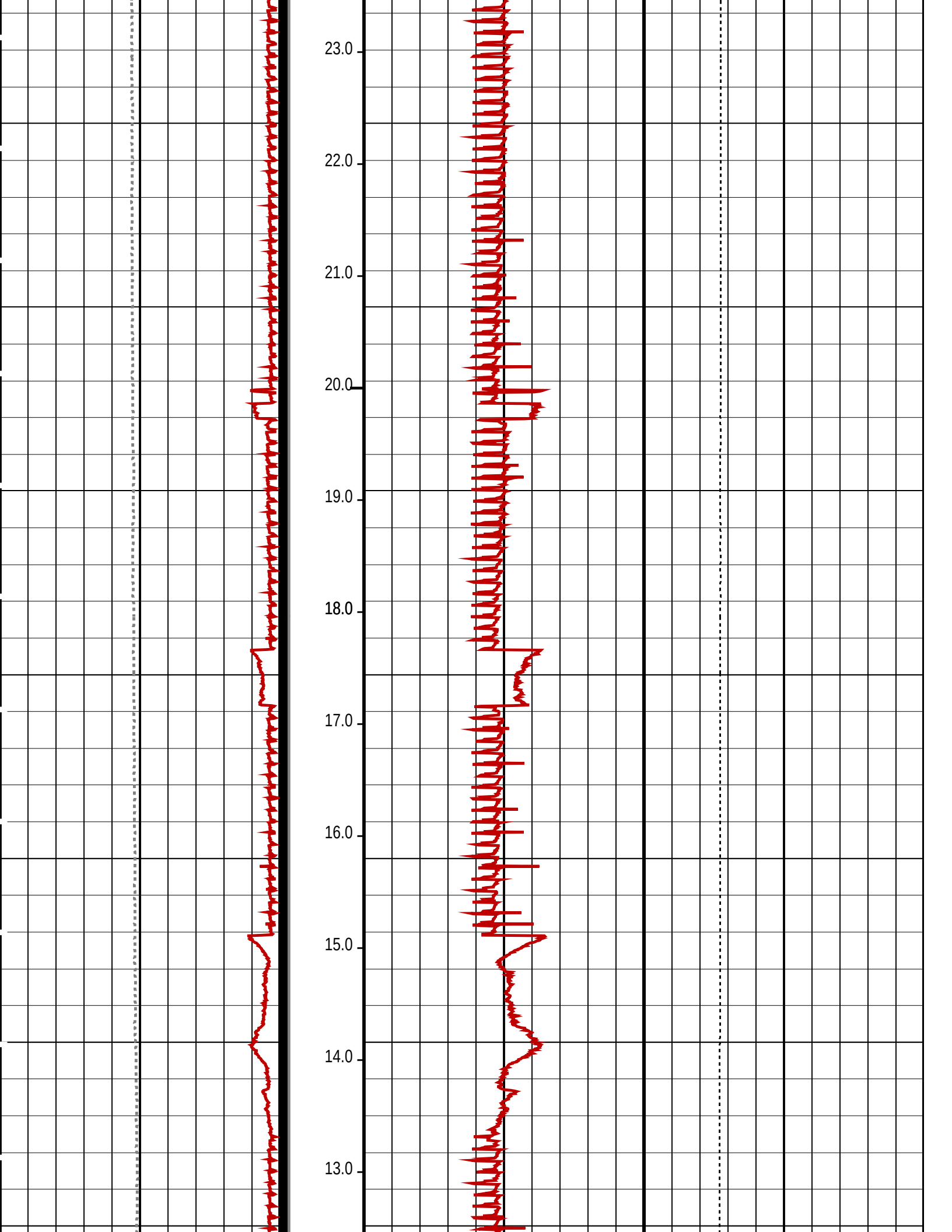
PIP SUMMARY

MPSU Run Time Every 1 MN

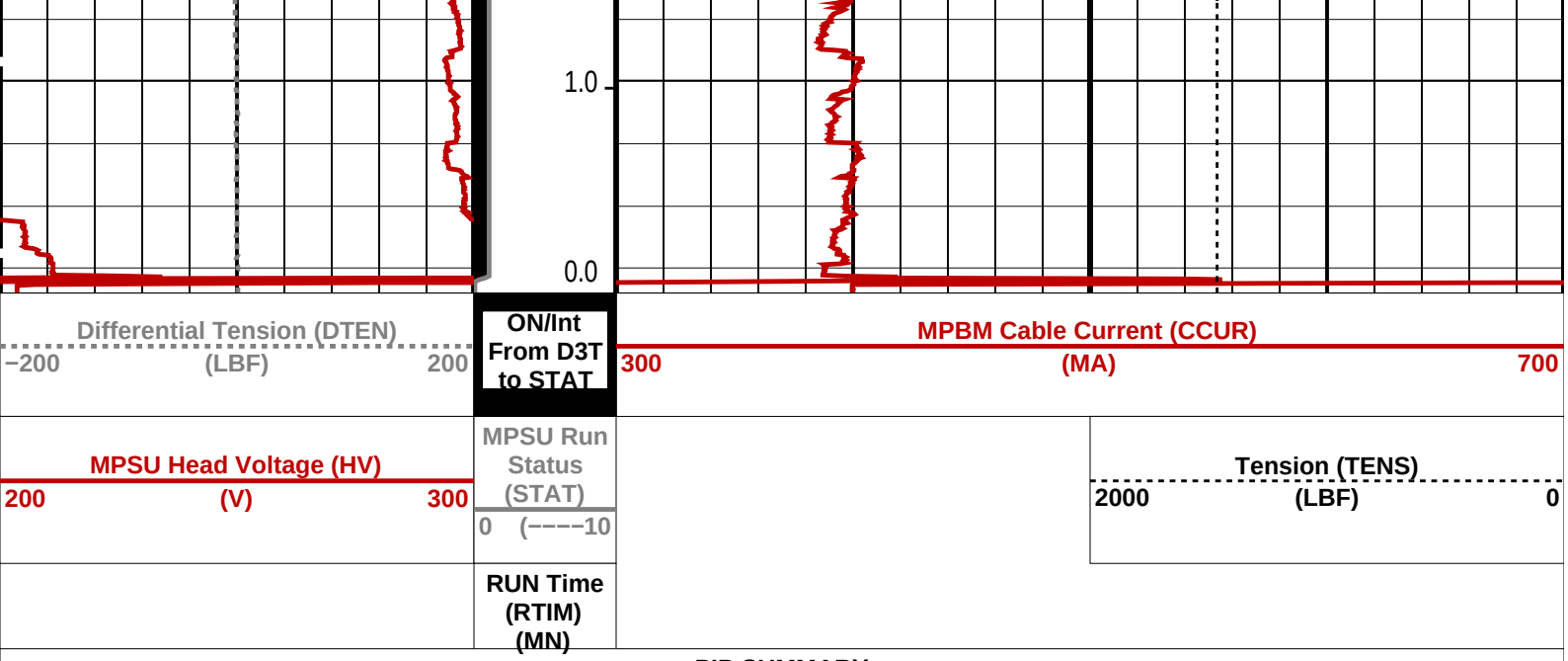
MPSU Run Time Every 10 MN

Time Mark Every 60 S




23.0
22.0
21.0
20.0
19.0
18.0
17.0
16.0
15.0
14.0
13.0

12.0
11.0
10.0
9.0
8.0
7.0
6.0
5.0
4.0
3.0
2.0



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: 07−May−2008 09:34

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_048LUP	FN:46	PRODUCER	07−May−2008 09:34

Schlumberger

7" MPBT Plug Correlation Pass

MAXIS Field Log

Output DLIS Files

DEFAULT	MPBT_046LUP	FN:44	PRODUCER	07−May−2008 09:16	2646.9 M	2535.3 M

OP System Version: 15C0−309

MCM

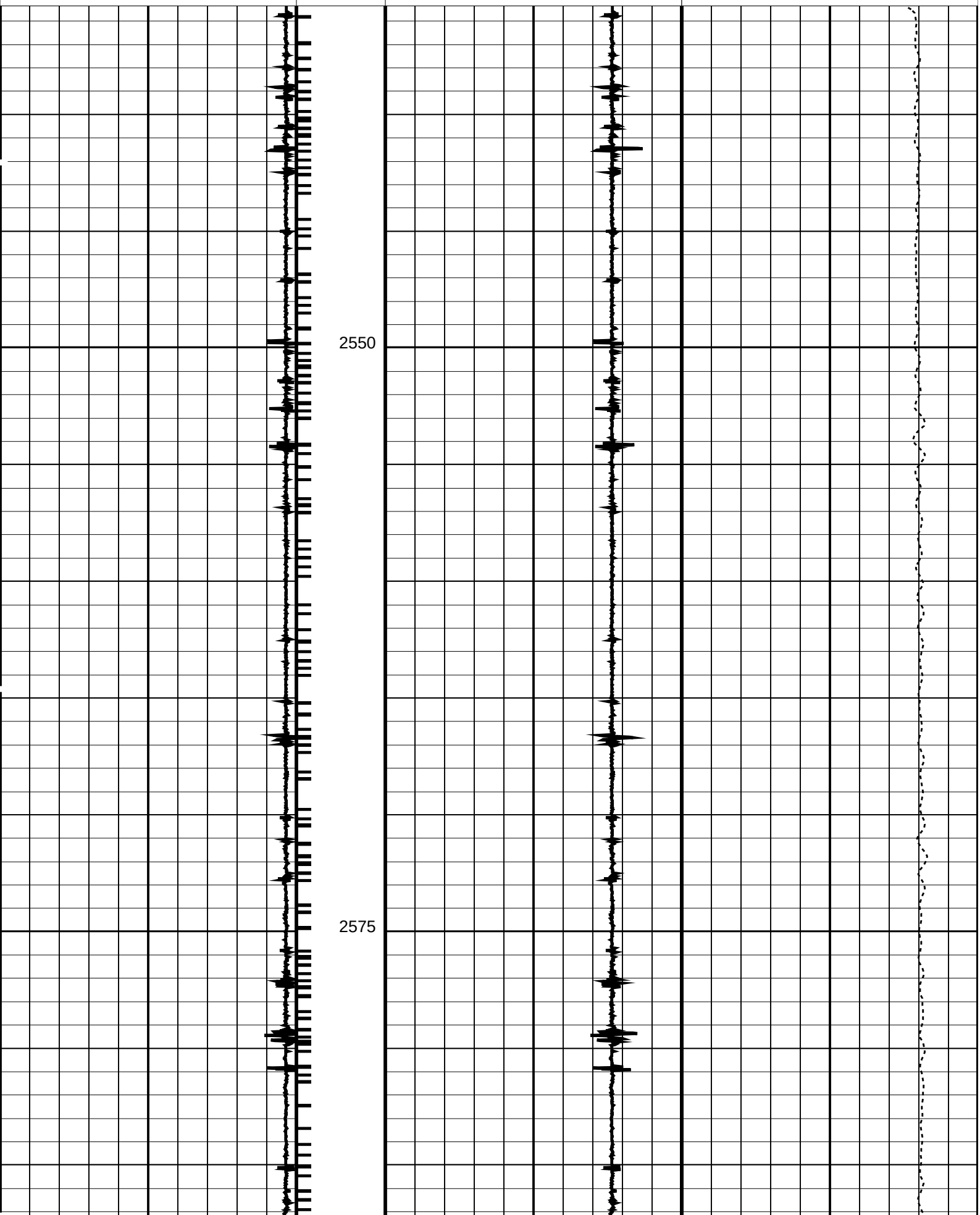
MPEX−AA	SRPC−3546−Q1_2008_OP15	MPSU−CA	SRPC−3546−Q1_2008_OP15
CCL−L	SRPC−3546−Q1_2008_OP15		

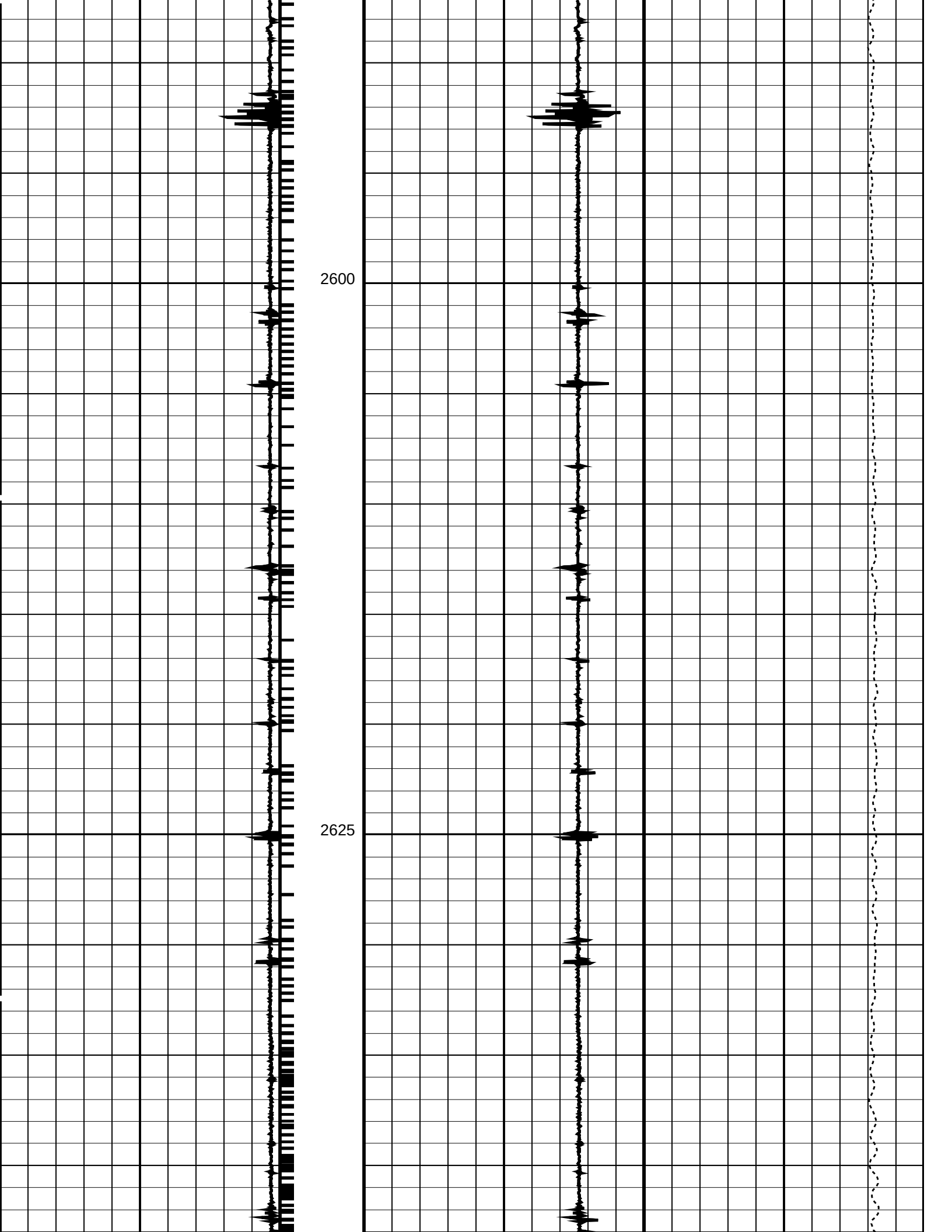
PIP SUMMARY

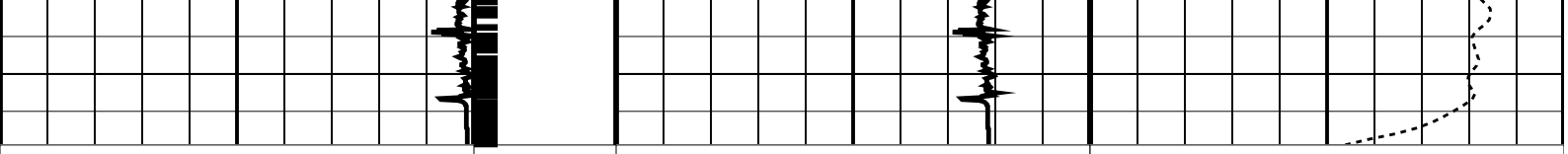
Casing Collars

Time Mark Every 60 S

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




2600
2625



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

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: 07−May−2008 09:16

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_046LUP	FN:44	PRODUCER	07−May−2008 09:16

Schlumberger

7" MPBT Plug
Dummy Run

MAXIS Field Log

Company: Esso Australia Pty Ltd. Well: A−5a

Input DLIS Files

DEFAULT	PERFO_030LUP	FN:28	PRODUCER	07−May−2008 03:39	2686.4 M	2409.4 M

Output DLIS Files

DEFAULT	PERFO_036PUP	FN:34	PRODUCER	07−May−2008 04:03	2696.3 M	2417.4 M

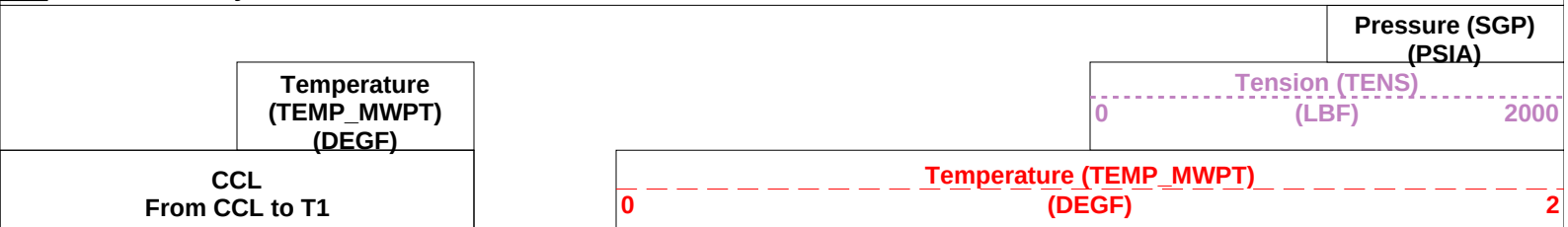
OP System Version: 15C0−309

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)	CCL From CCL to T1	Temperature (TEMP_MWPT)
		0 (LBF) 2000		0 (DEGF) 2

Gamma Ray (GR)
0 (GAPI) 150

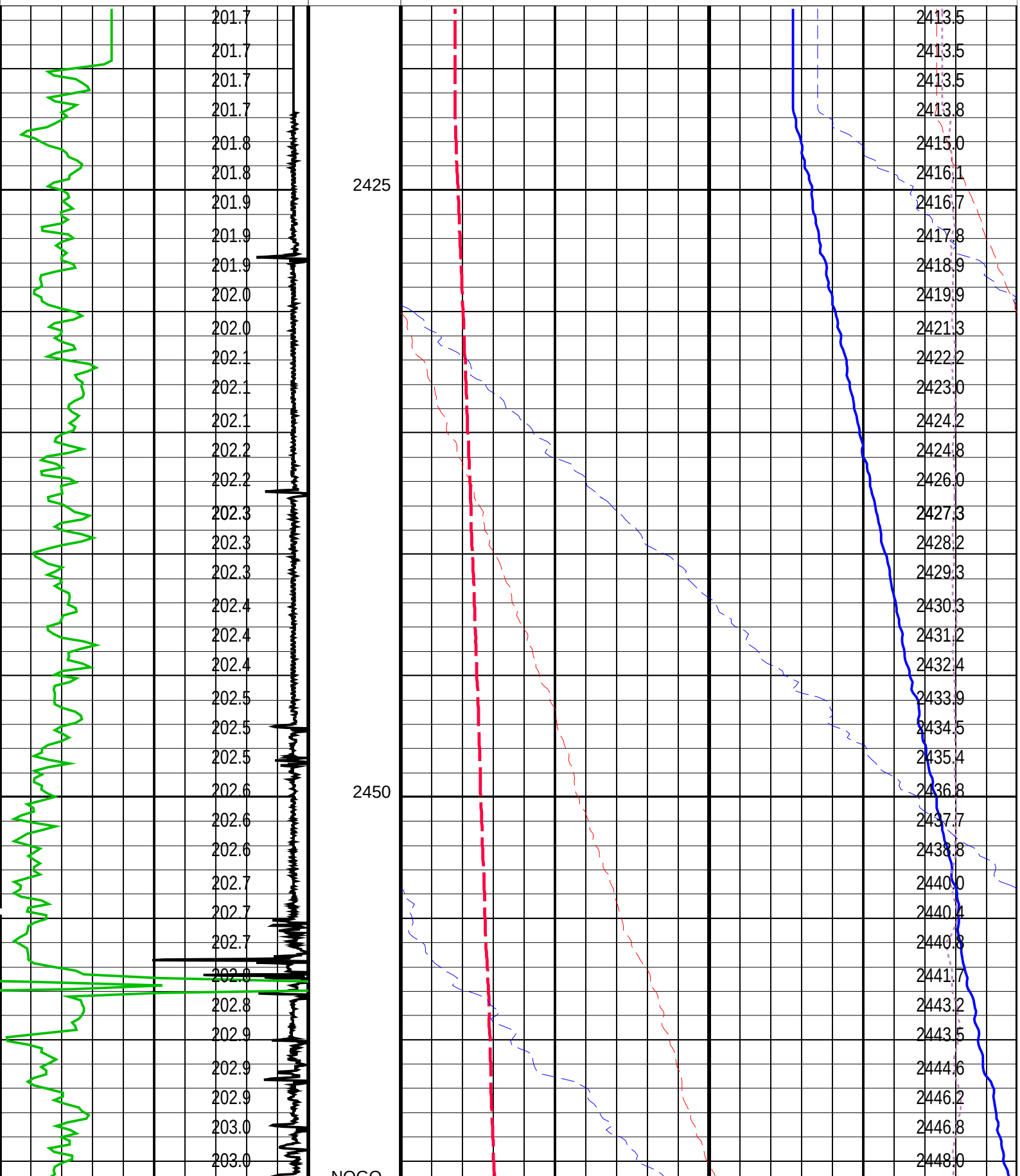
Casing Collar Locator (CCL)
−19 (−−−− 1

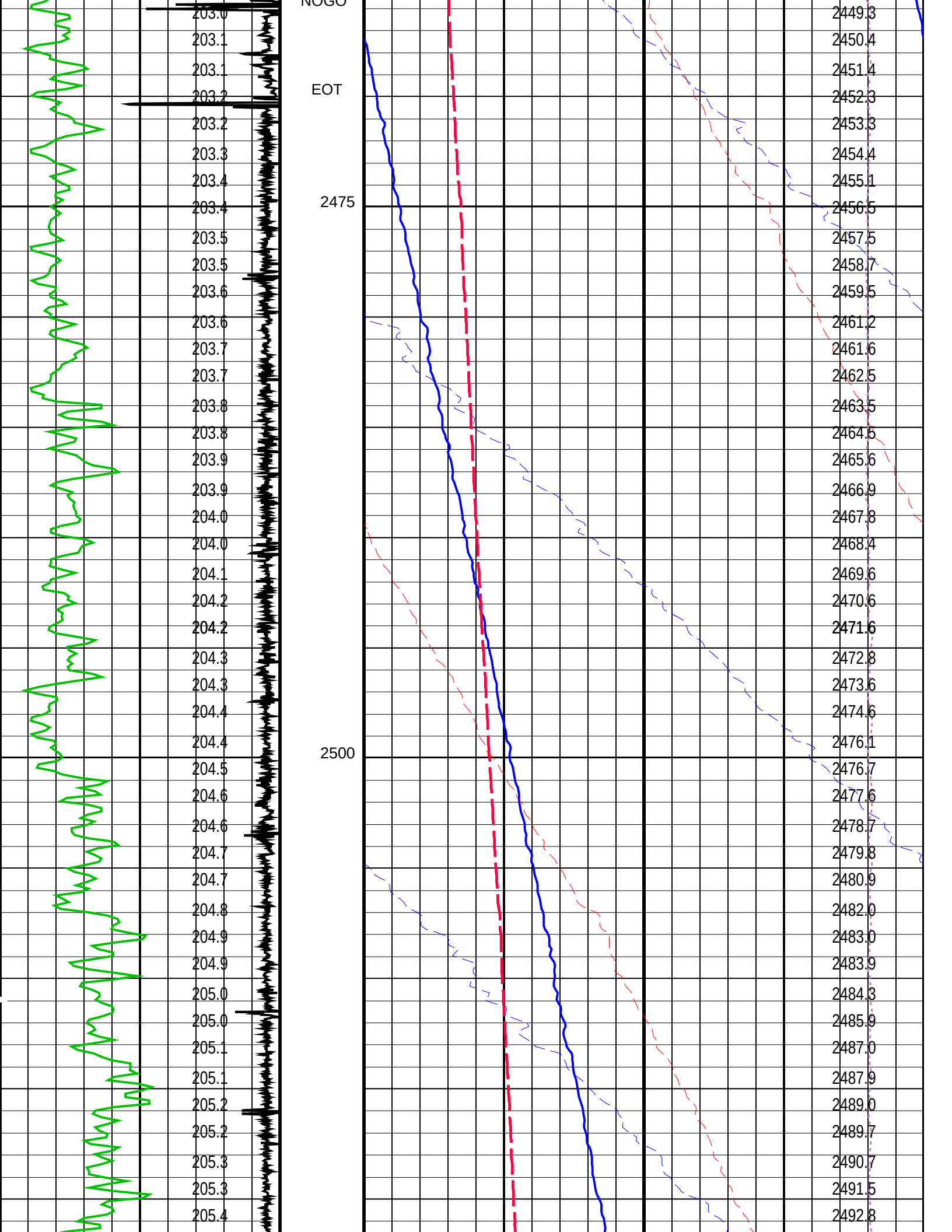
Cable Speed (CS)
0 (F/HR) 5000

Strain Gauge Pressure (SGP)
0 (PSIA) 20

Temperature (TEMP_MWPT)
200 (DEGF) 220

Strain Gauge Pressure (SGP)
2550 (PSIA) 2650

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2475
2500
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204.0
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205.0
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205.4
2449.3
2450.4
2451.4
2452.3
2453.3
2454.4
2455.1
2456.5
2457.5
2458.7
2459.5
2461.2
2461.6
2462.5
2463.5
2464.5
2465.6
2466.9
2467.8
2468.4
2469.6
2470.6
2471.6
2472.8
2473.6
2474.6
2476.1
2476.7
2477.6
2478.7
2479.8
2480.9
2482.0
2483.0
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2489.7
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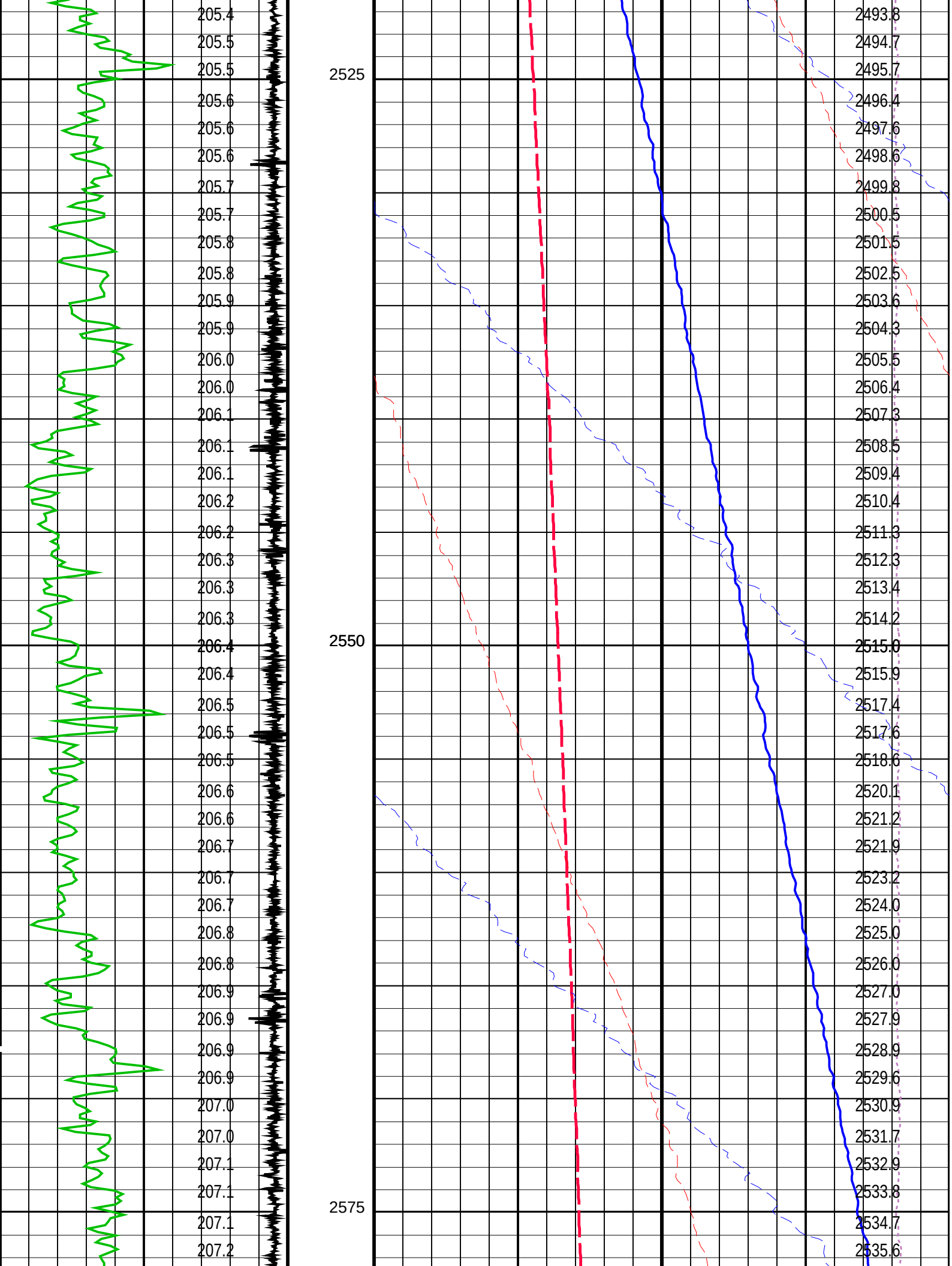
2491.5
2492.8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207.0
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2500.5
2501.5
2502.5
2503.6
2504.3
2505.5
2506.4
2507.3
2508.5
2509.4
2510.4
2511.3
2512.3
2513.4
2514.2
2515.0
2515.9
2517.4
2517.6
2518.6
2520.1
2521.2
2521.9
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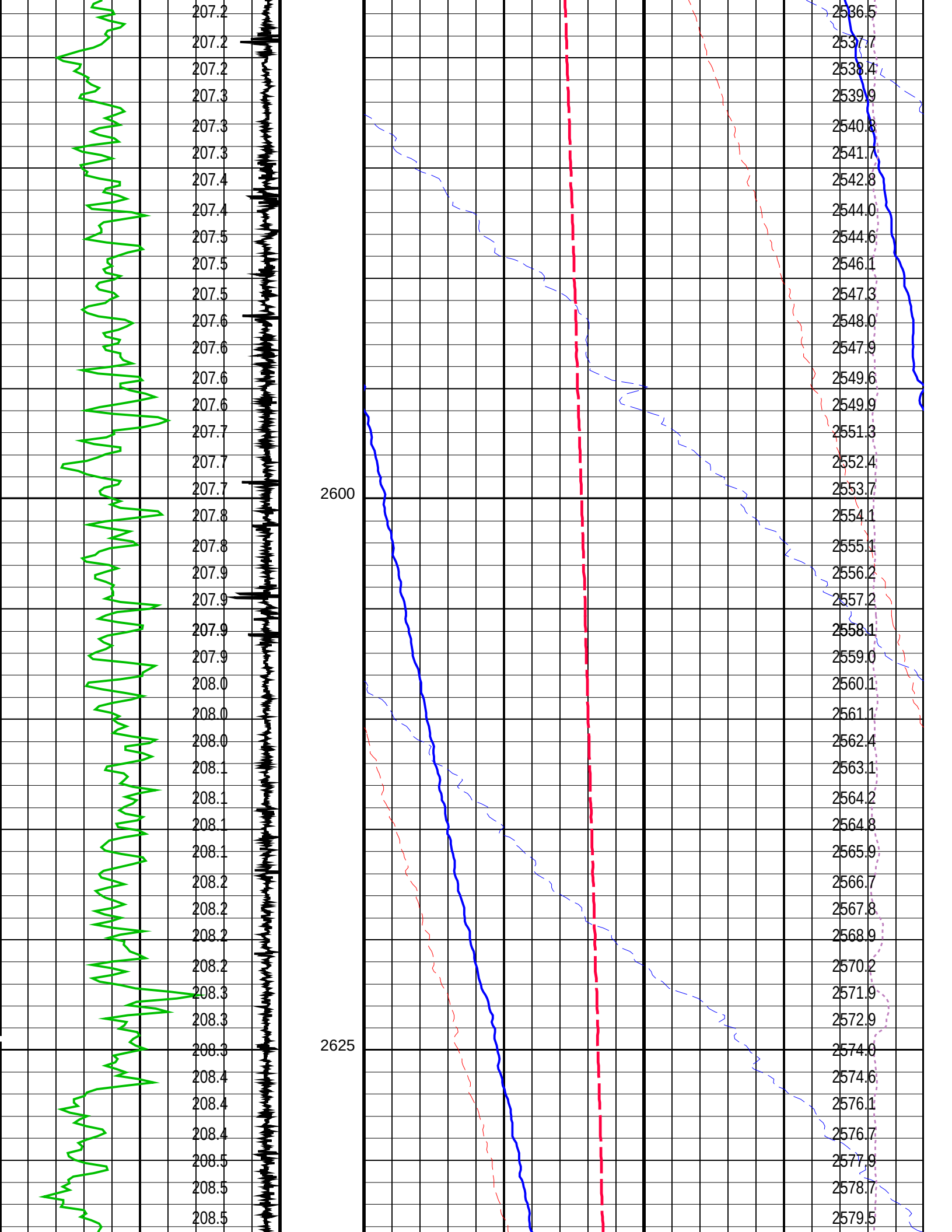
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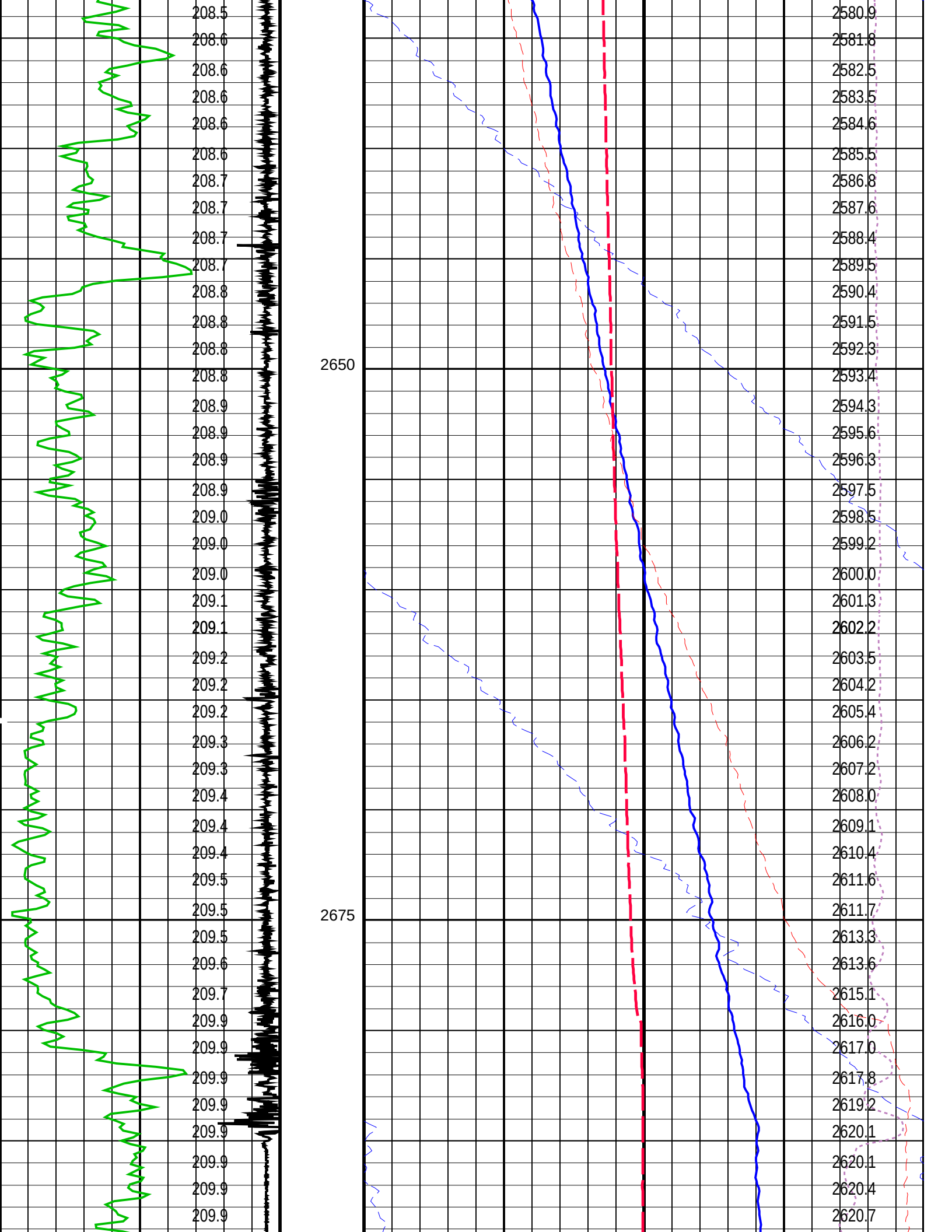
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2599.2
2600.0
2601.3
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2607.2
2608.0
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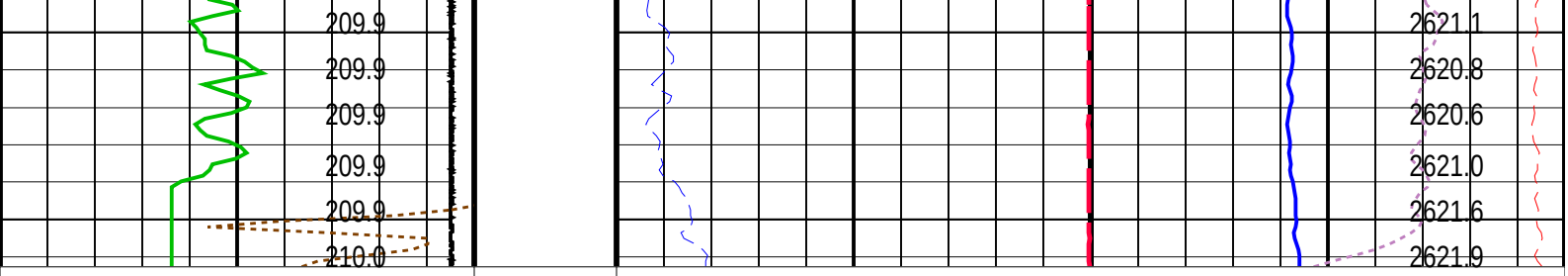
2620.7



Cable Speed (CS)	0 (F/HR) 5000	Strain Gauge Pressure (SGP) 2550 (PSIA) 2650
Casing Collar Locator (CCL)	−19 (−−−− 1	Temperature (TEMP_MWPT) 200 (DEGF) 220
Gamma Ray (GR)	0 (GAPI) 150	Strain Gauge Pressure (SGP) 0 (PSIA) 20
CCL From CCL to T1		Temperature (TEMP_MWPT) 0 (DEGF) 2
Temperature (TEMP_MWPT) (DEGF)		Tension (TENS) 0 (LBF) 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	9.9	M
PP	Playback Processing	RECOMPUTE	

Format: MWP Vertical Scale: 1:200 Graphics File Created: 07−May−2008 04:03

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_030LUP	FN:28	PRODUCER	07−May−2008 03:39	2686.4 M	2409.4 M

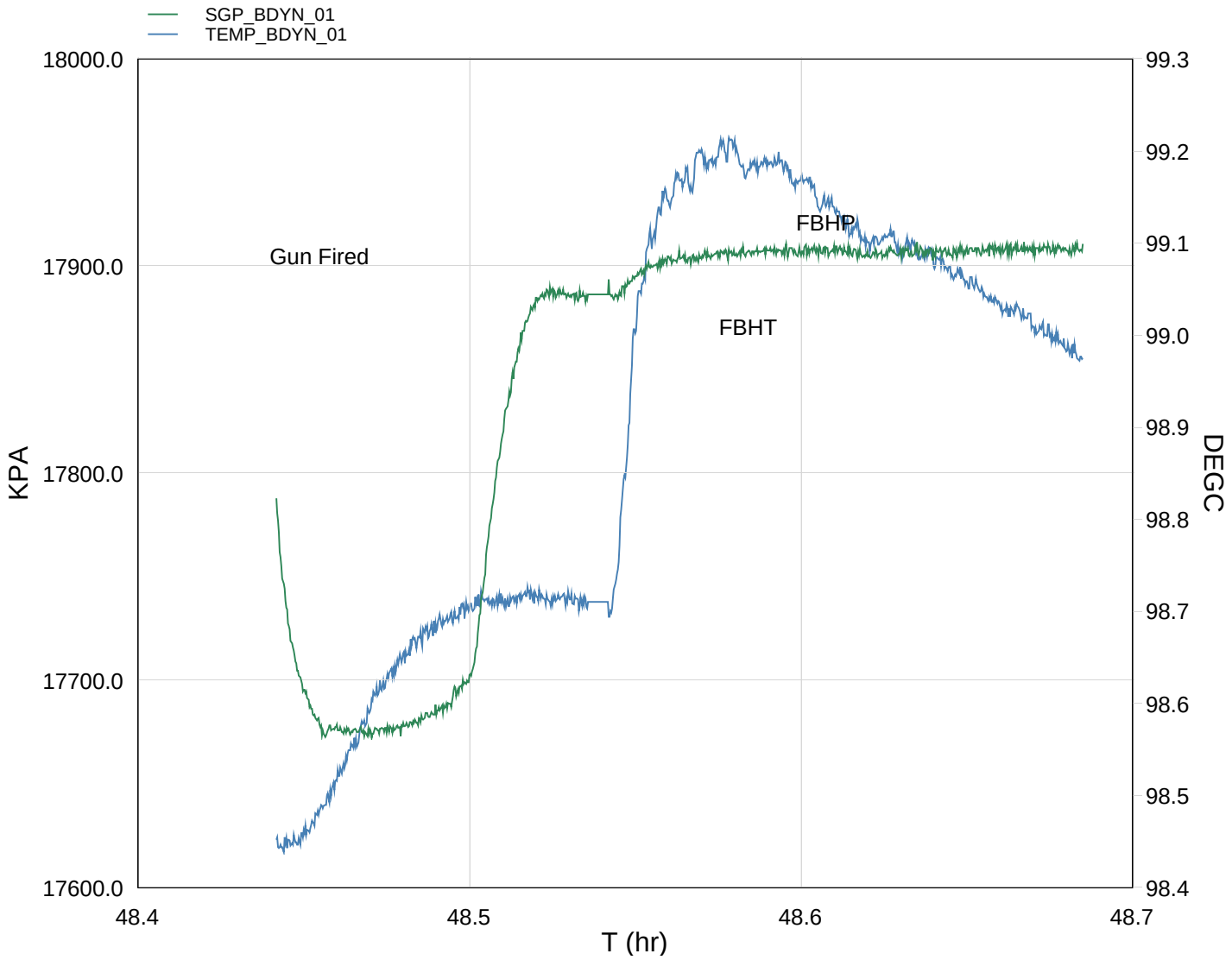
Output DLIS Files

DEFAULT	PERFO_036PUP	FN:34	PRODUCER	07−May−2008 04:03

Schlumberger

GUN # 1
2661.3m to 2664.8m MDKB

MAXIS Field Log



TIME	KPA	PSIA	DEGF
300.0	17530.7669	2542.6268	206.2144
360.0	17676.0039	2563.6917	209.2856
420.0	17676.0499	2563.6984	209.5120
480.0	17682.8158	2564.6796	209.6397
540.0	17784.1130	2579.3715	209.6939
600.0	17888.2388	2594.4737	209.6712
660.0	17886.5000	2594.2217	209.6780
720.0	17902.0968	2596.4836	210.4517
780.0	17906.1680	2597.0742	210.5378
840.0	17907.9853	2597.3377	210.5324
900.0	17907.3534	2597.2461	210.4664
960.0	17905.5709	2596.9875	210.3859
1020.0	17905.4266	2596.9667	210.3464
1080.0	17907.6017	2597.2820	210.2713
1140.0	17905.8144	2597.0229	210.1953

GUN # 1

Schlumberger

Shooting Pass

MAXIS Field Log

Company: Esso Australia Pty Ltd. **Well: A−5a**

Output DLIS Files

DEFAULT	PERFO_013LUP	FN:11	PRODUCER	07−May−2008 00:21	2671.7 M	2606.8 M

OP System Version: 15C0−309

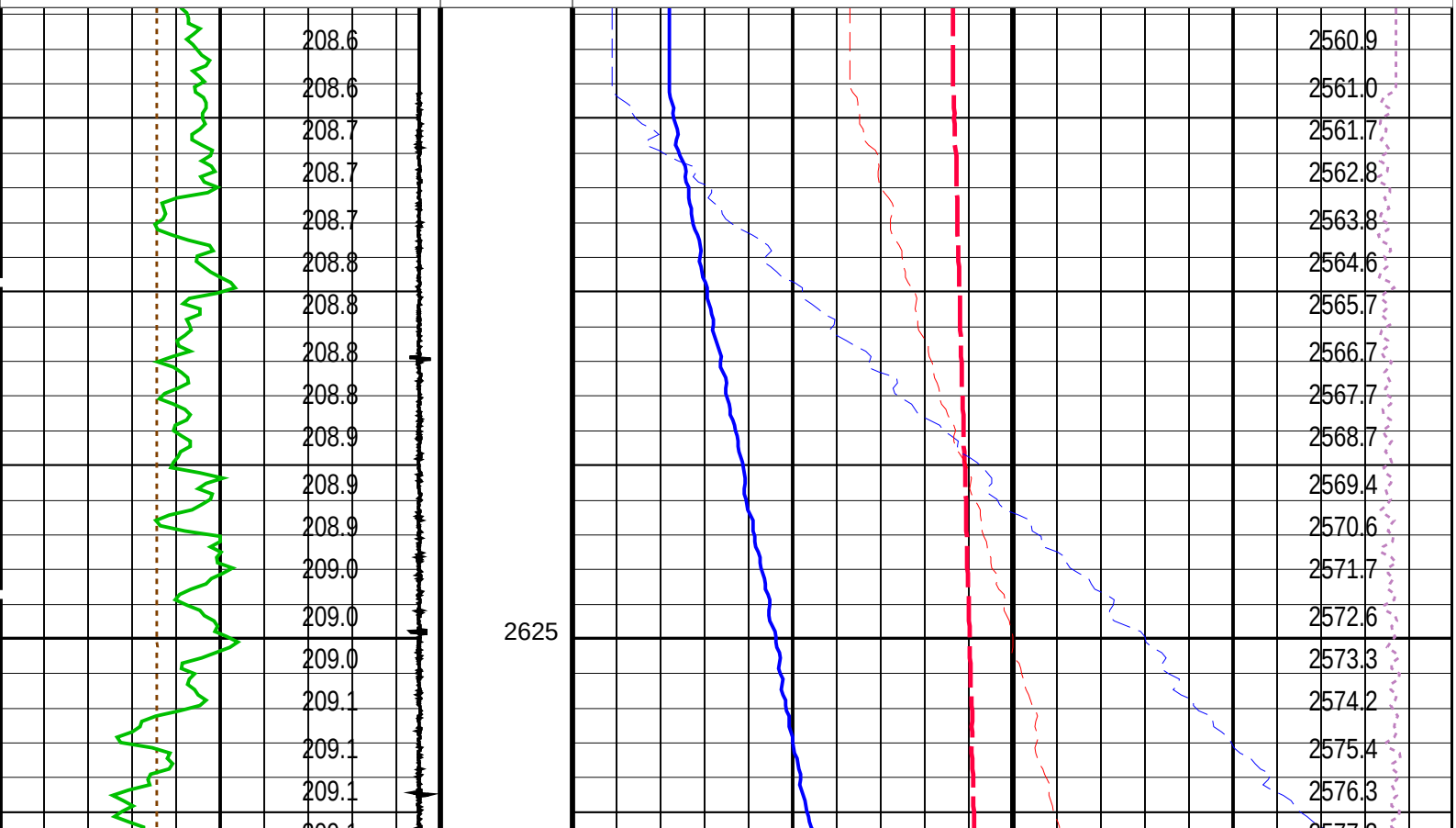
MCM

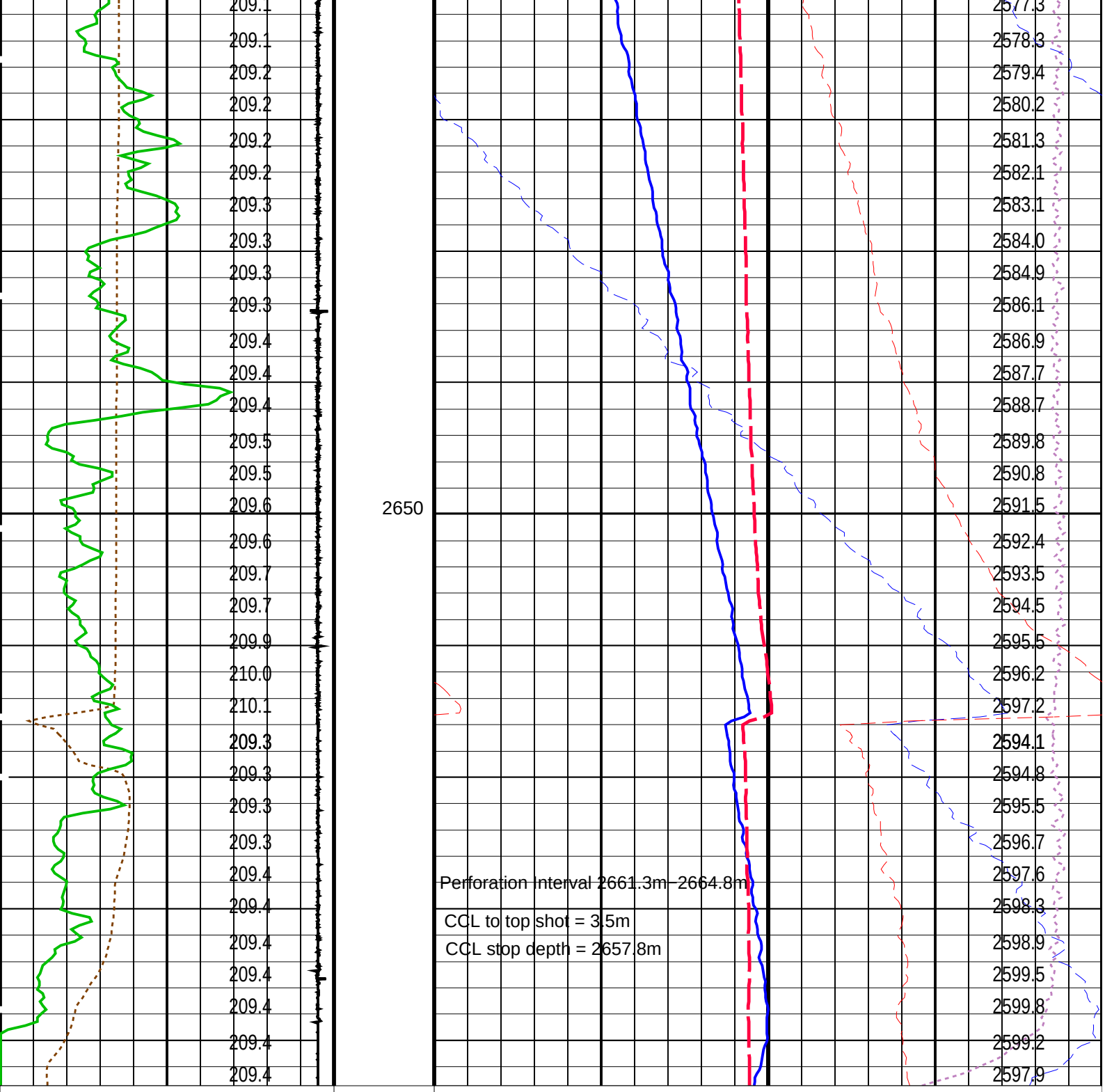
MWP_GUN	SRPC−3546−Q1_2008_OP15	MWPT−CA	SRPC−3546−Q1_2008_OP15
MWGT−AA	SRPC−3546−Q1_2008_OP15		

PIP SUMMARY

Time Mark Every 60 S

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





Cable Speed (CS)
0 (F/HR) 5000

Casing Collar Locator (CCL)
−19 (−−−− 1

Gamma Ray (GR)
0 (GAPI) 150

CCL
From CCL to T1

Temperature (TEMP_MWPT) (DEGF)

Strain Gauge Pressure (SGP)
2550 (PSIA) 2650

Temperature (TEMP_MWPT)
200 (DEGF) 220

Strain Gauge Pressure (SGP)
0 (PSIA) 20

Temperature (TEMP_MWPT)
0 (DEGF) 2

Tension (TENS)
0 (LBF) 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

Format: MWP Vertical Scale: 1:200 Graphics File Created: 07−May−2008 00:21

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_013LUP	FN:11	PRODUCER	07−May−2008 00:21

Schlumberger

GUN # 1
Correlation Pass

MAXIS Field Log

Company: Esso Australia Pty Ltd. Well: A−5a

Output DLIS Files

DEFAULT	PERFO_012LUP	FN:10	PRODUCER	07−May−2008 00:11	2673.1 M	2603.9 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)
0 (LBF) 2000

CCL
From CCL to T1

Temperature (TEMP_MWPT)
0 (DEGF) 2

Gamma Ray (GR)
0 (GAPI) 150

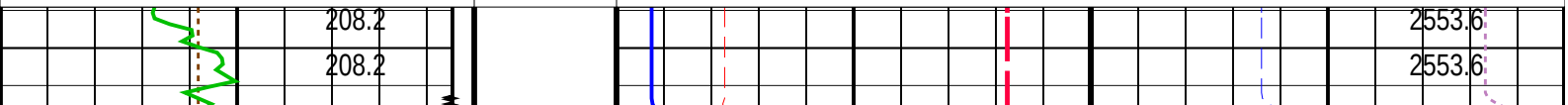
Strain Gauge Pressure (SGP)
0 (PSIA) 20

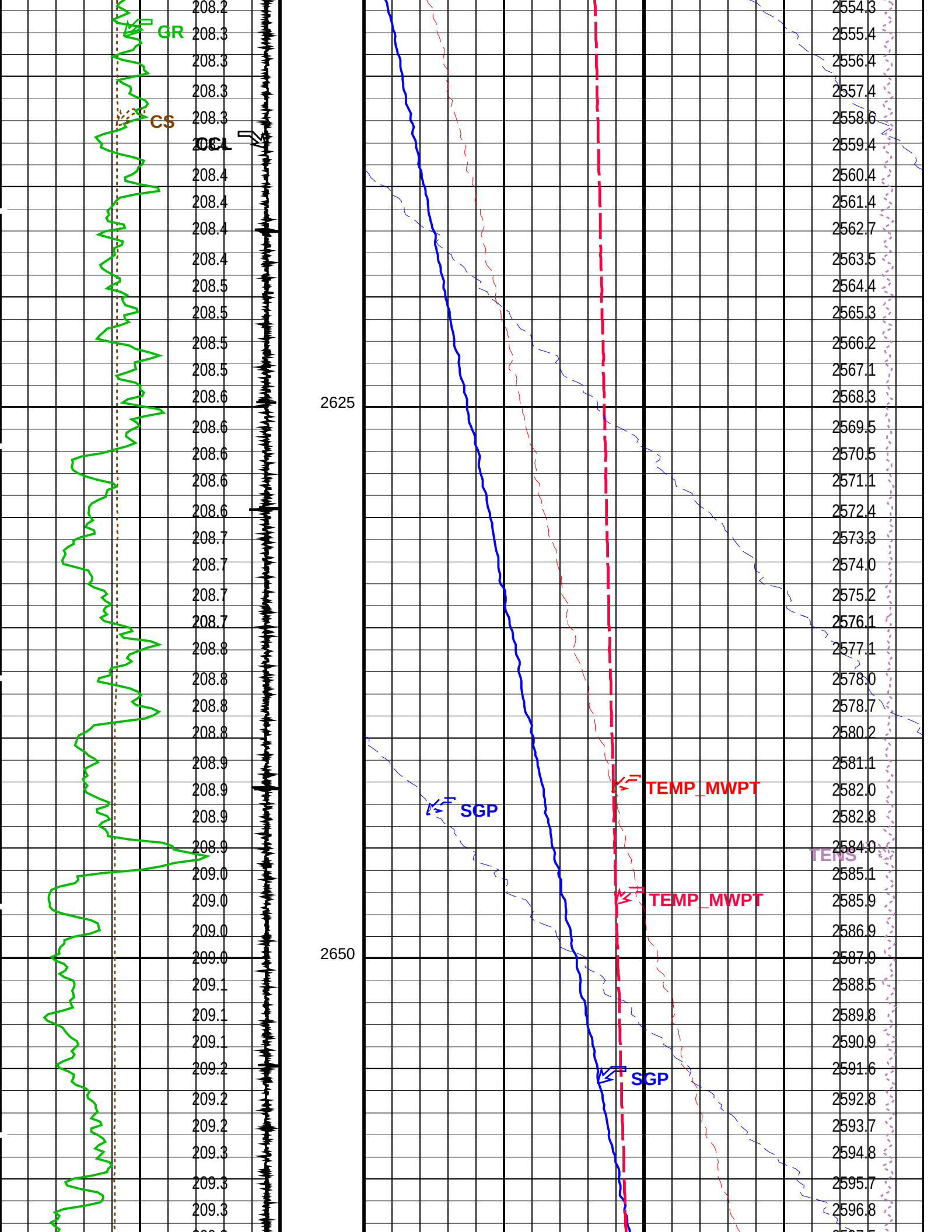
Casing Collar Locator (CCL)
−19 (−−−− 1

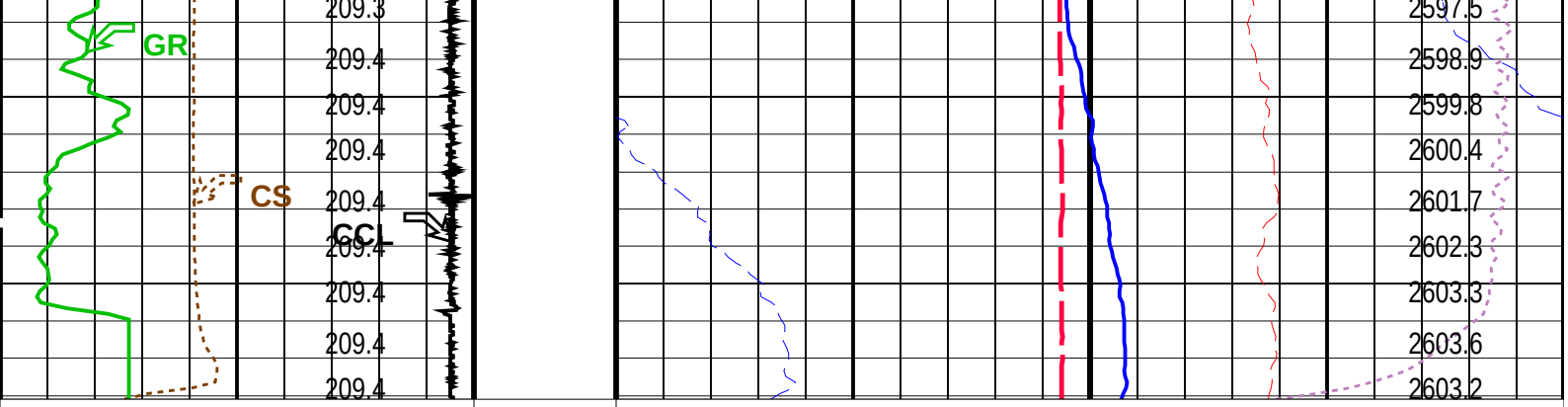
Temperature (TEMP_MWPT)
200 (DEGF) 220

Cable Speed (CS)
0 (F/HR) 5000

Strain Gauge Pressure (SGP)
2550 (PSIA) 2650




GR
CS
CCL
SGP
TEMP_MWPT
TEMP_MWPT
SGP
TENS
2625
2650



Cable Speed (CS)		
0	(F/HR)	5000
Casing Collar Locator (CCL)		
−19	(−−−−	1
Gamma Ray (GR)		
0	(GAPI)	150
CCL From CCL to T1		
Temperature (TEMP_MWPT) (DEGF)		

Strain Gauge Pressure (SGP)		
2550	(PSIA)	2650
Temperature (TEMP_MWPT)		
200	(DEGF)	220
Strain Gauge Pressure (SGP)		
0	(PSIA)	20
Temperature (TEMP_MWPT)		
0	(DEGF)	2
Tension (TENS)		
0	(LBF)	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

Format: MWP Vertical Scale: 1:200 Graphics File Created: 07−May−2008 00:11

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_012LUP	FN:10	PRODUCER	07−May−2008 00:11

Company: **Esso Australia Pty Ltd.**

Schlumberger

Well: **A−5a**
Field: **Bream A**
Rig : **Prod4 / Crane**
Country: **Australia**

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