

Company: Esso Australia Pty Ltd.

Well: A5

Field: Marlin

Rig: Crane / Prod 4

Country: Australia

RST-C Sigma Survey

Crane / Prod 4

Marlin

Gippsland

A5

Esso Australia Pty Ltd.

LOCATION

Gippsland

Basin

Bass Strait

Elev.: K.B. 24.40 m

G.L. -59.00 m

D.F. 24.40 m

Permanent Datum: M.S.L.

Log Measured From: K.B.

Elev.: 24.40 m

-24.40 m above Perm. Datum

Drilling Measured From: K.B.

State: Victoria

Max. Well Deviation 48 deg

Longitude 148 13'09.18"E

Latitude 038 13'55.49"S

	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	48 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

18-Jun-2009

Run Number

1

Depth Driller

2098.5 m

Schlumberger Depth

2037 m

Bottom Log Interval

2037 m

Top Log Interval

1900 m

Casing Fluid Type

Production fluids

Salinity

Density

Fluid Level

0 m

BIT/CASING/TUBING STRING

Bit Size

12.250 in

From

466.6 m

To

2098.5 m

Casing/Tubing Size

9.625 in

Weight

40 lbn/ft

Grade

N-80

From

9.43 m

To

2098.5 m

Maximum Recorded Temperatures

175 degF

Logger On Bottom

18-Jun-2009

Time

21:00

Unit Number

889

Location

AUSL

Recorded By

B.Donahoe

Witnessed By

J.Digiovanni

	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			
	Recorded By			
	Witnessed By			

Run 3	Run 4
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12
13	13
14	14
15	15
16	16
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18	18
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97	97
98	98
99	99
100	100

Date Created: 20-JUN-2009 18:45:40

Depth Measuring Device

Type:	IDW-EB
Serial Number:	6373
Calibration Date:	2-Dec-2008
Calibrator Serial Number:	30
Calibration Cable Type:	2-23ZT
Wheel Correction 1:	-1
Wheel Correction 2:	-2

Type:	PSDS/OSDS
Serial Number:	325357
Calibration Date:	5-May-2009
Calibrator Serial Number:	1174
Number of Calibration Points:	0

Type:	2-32ZT
Serial Number:	207308
Length:	6180 M
Conveyance Method:	Wireline
Rig Type:	Offshore Fixed

Log Sequence:	Subsequent Log In the Well
Reference Log Name:	PETROPHYSICAL ANALYSIS LOG
Reference Log Run Number:	
Reference Log Date:	22-Oct-07

1. IDW used as primary depth control.
2. Z-chart used as secondary backup
3. Log Correlated on depth over Zone of interest
4. CMTD Calibration: $A=8.95E-6$, $B=0.8647$, $C=-82.7$
- 5.
- 6.

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OS1:	None
OS2:	
OS3:	
OS4:	
OS5:	

OS1:
OS2:
OS3:
OS4:
OS5:

REMARKS: RUN NUMBER 2

Objective: RIH with RST, conduct one static pass with well shut in, over the interval HUD(2047m MDKB) to 1900m MDKB at 900ft/hr
Operations to flow well via test separator and when flow stabilised complete one pass over the interval HUD92047m MDKB) to
1900m MDKB @ 900 ft/hr.
With the well still flowing complete pressure/temperature station stops for 10 m at 1930, 1915 and 1900m MDKB.

BHP = 3140psi BHT = 175 degF

BNP = 2140psi BHT = 173 degf

Due to a hydrate well was flowed before first static pass, so we ran a second static pass the following night before we did the flowing pass.

Schlumberger Crew:
R.Murray, A. McLellan

RUN 1			RUN 2		
SERVICE ORDER #:		AXWT-00098	SERVICE ORDER #:		
PROGRAM VERSION:		16C0-147	PROGRAM VERSION:		
FLUID LEVEL:		0 m	FLUID LEVEL:		
LOGGED INTERVAL	START	STOP	LOGGED INTERVAL	START	STOP
















EQUIPMENT DESCRIPTION

RUN 1

SURFACE EQUIPMENT

WITM-A
PSC_16MHZ

DOWNHOLE EQUIPMENT

AH-SWBS-B 789			13.30
AH-SWBS-B 789			
AH-SWBS-B 788			12.61
AH-SWBS-B 788			
AH-SWBS-B 787			11.93
AH-SWBS-B 787			
AH-SWBS-B 786			11.24
AH-SWBS-B 786			
AH-SWBS-B 785			10.55
AH-SWBS-B 785			
MH-SWHS-A 759	Detail MT TelStatus CTEM		9.87
MH-SWHS-A 759			
PSPT-B			9.54
PSC-A 3918			
PSPT-B 827			
PSTC 806			
PBMS-B 827	GR		8.41
CQG_F_Mano 827			
RTD Thermometer 827			
GR 827			
CCL 827	Well_Temp		7.48
PBMS 827			CQG Manom
	CCL		7.25
	PBMS PSTC		7.02
RST-C BLK-2			7.02
RSCH-A 111			
RSC-C 132			
RSS-A 106			
RSXH-A 145			
RSX-C 132			

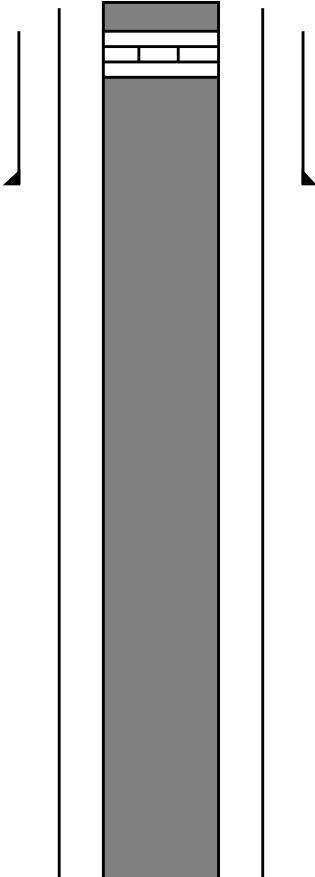
RSC-A Far
RSC-A PNG
RSC-A Nea
RSX-A PNG

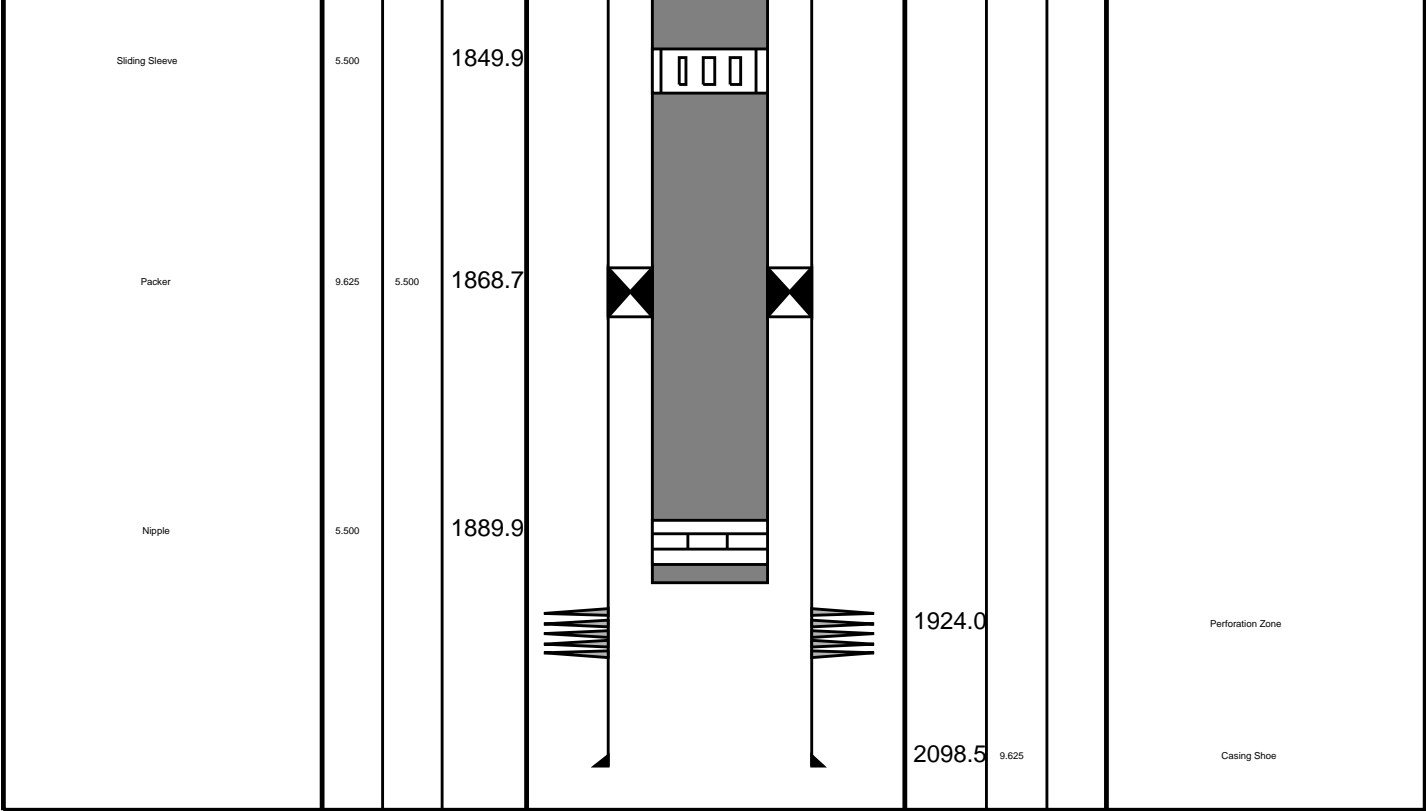
4.24

4.09

Tension HV 0.00
TOOL ZERO

MAXIMUM STRING DIAMETER 1.72 IN
MEASUREMENTS RELATIVE TO TOOL ZERO
ALL LENGTHS IN METERS

Production String	(m)		(m)	Well Schematic	(m)		(m)	Casing String
	OD	ID			MD	OD	ID	
Tubing SSSV Landing Nipple	5.500		11.7		9.4	9.625		Casing String Casing String
	5.500		150.7		12.5	13.375		
					466.7	13.375		Casing Shoe



Job Event Summary

MAXIS Field Log

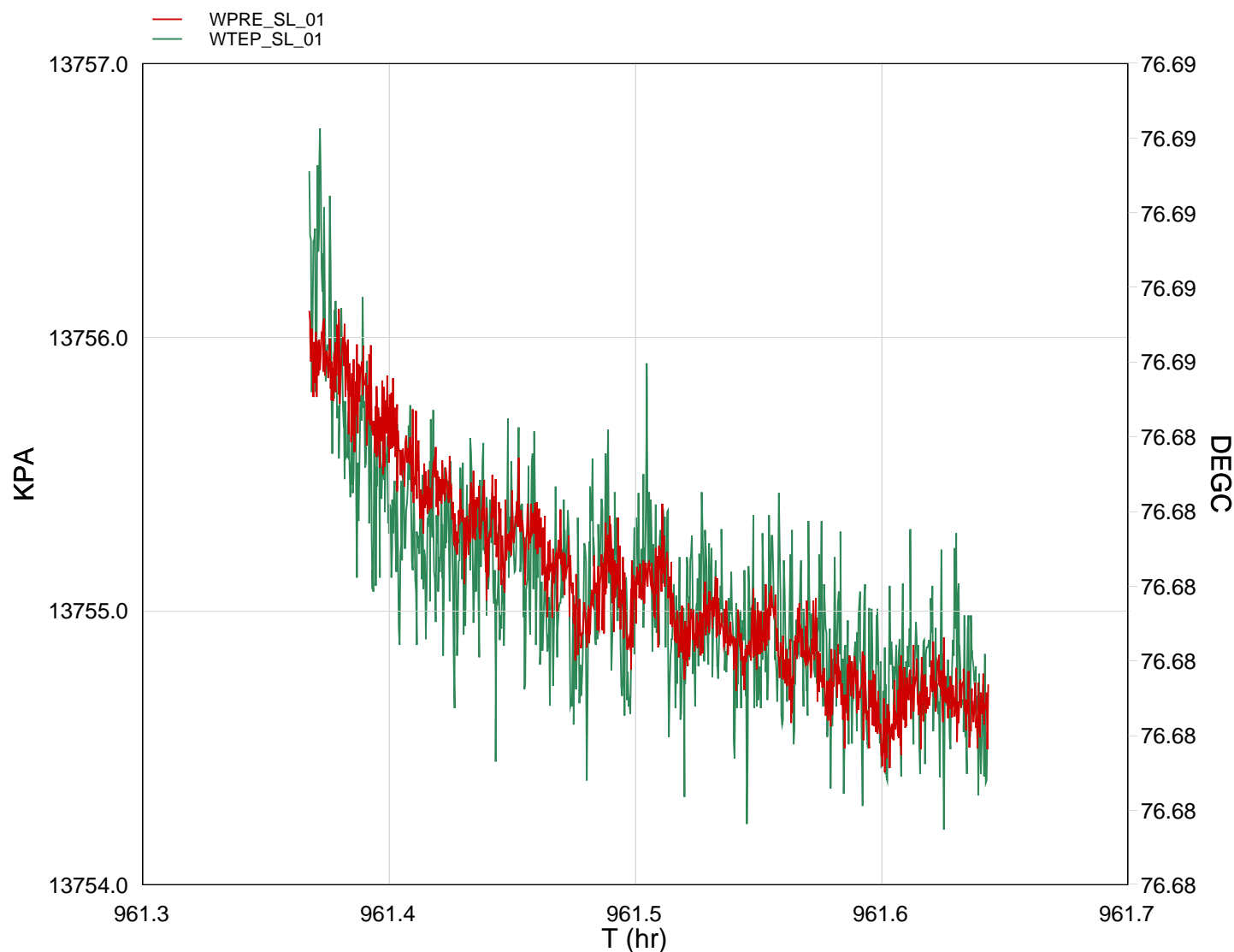
Schlumberger Job Event Summary

	Time		Elapsed Time	Depth (M)		File
Log Pass (up)	19-Jun-2009	1:21	000:11	2039.3	- 1871.5	RST_PSP_014LUP
Log Pass (up)	19-Jun-2009	1:45	000:33	2041.4	- 1883.7	RST_PSP_015LUP
Log Pass (up)	19-Jun-2009	21:06	000:32	2039.7	- 1882.4	RST_PSP_029LUP
Log Pass (up)	20-Jun-2009	0:06	000:34	2040.0	- 1884.0	RST_PSP_032LUP
Station Log	20-Jun-2009	1:04	000:15	1930.0		RST_PSP_035LTP
Station Log	20-Jun-2009	1:21	000:17	1915.0		RST_PSP_036LTP
Station Log	20-Jun-2009	1:40	000:11	1900.0		RST_PSP_038LTP



Pressure/Temperature Station
1900m MDKB

MAXIS Field Log



Company: Esso Australia Pty Ltd. Well: A5

Output DLIS Files

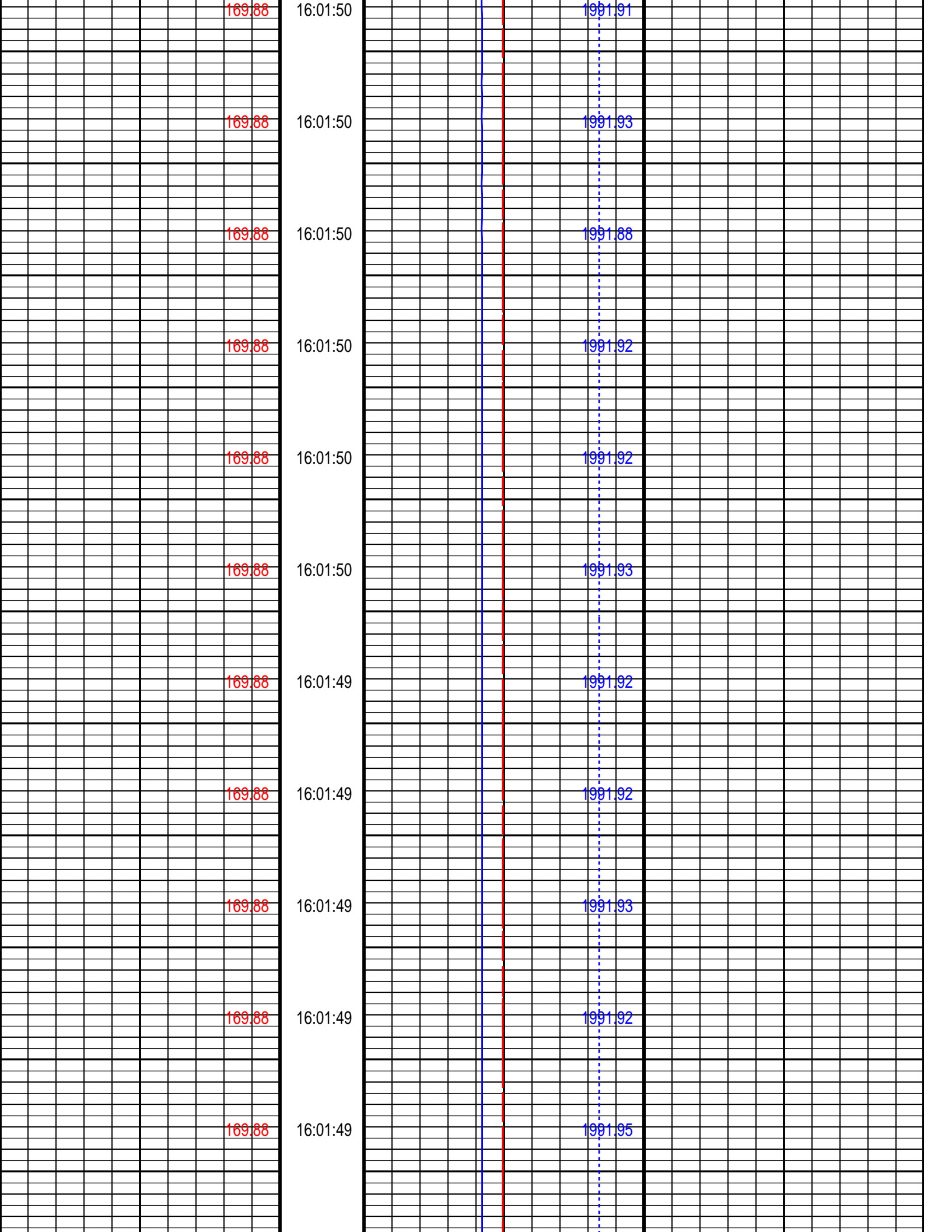
DEFAULT RST_PSP_038LTP FN:37 PRODUCER 20-Jun-2009 01:40 1900.0 M

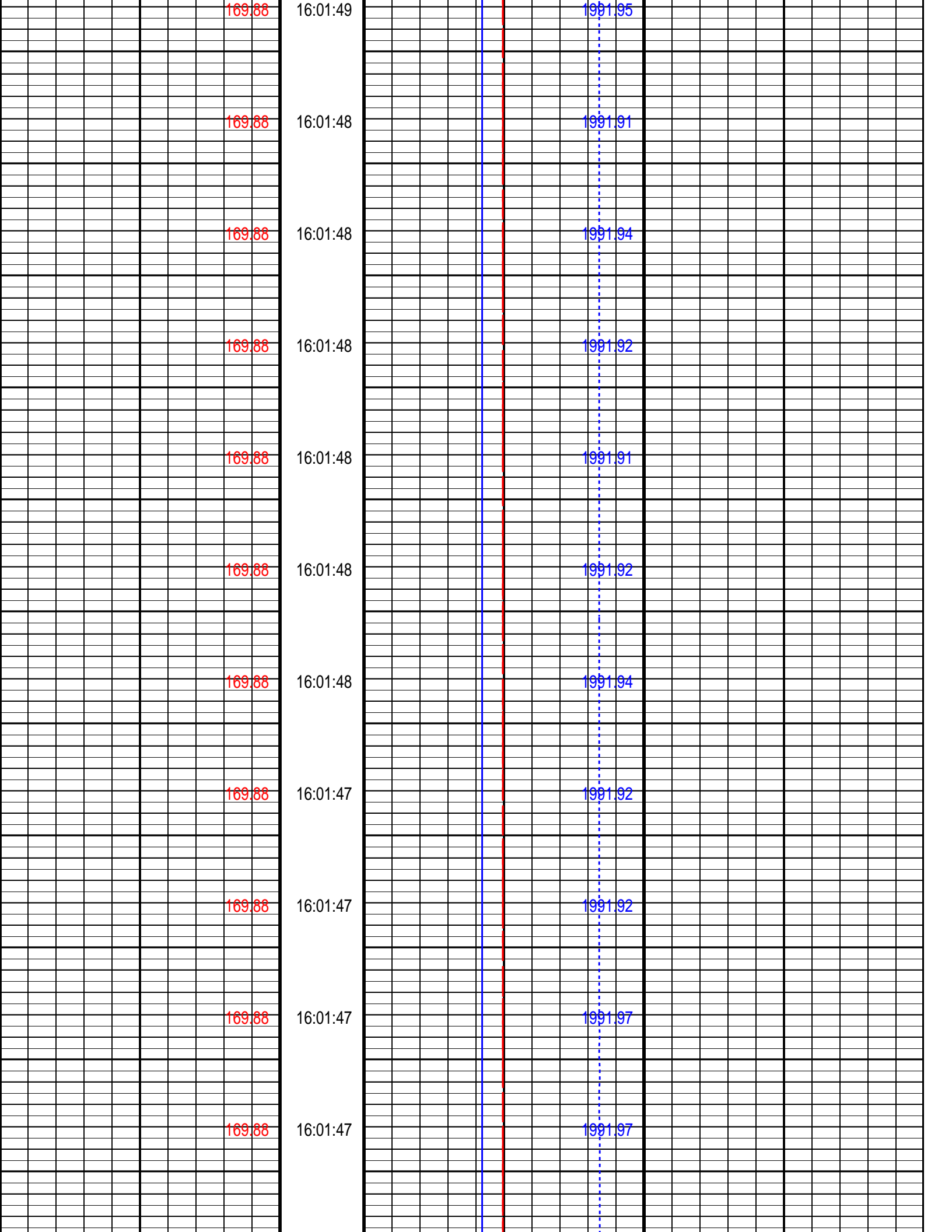
OP System Version: 16C0-147
MCM

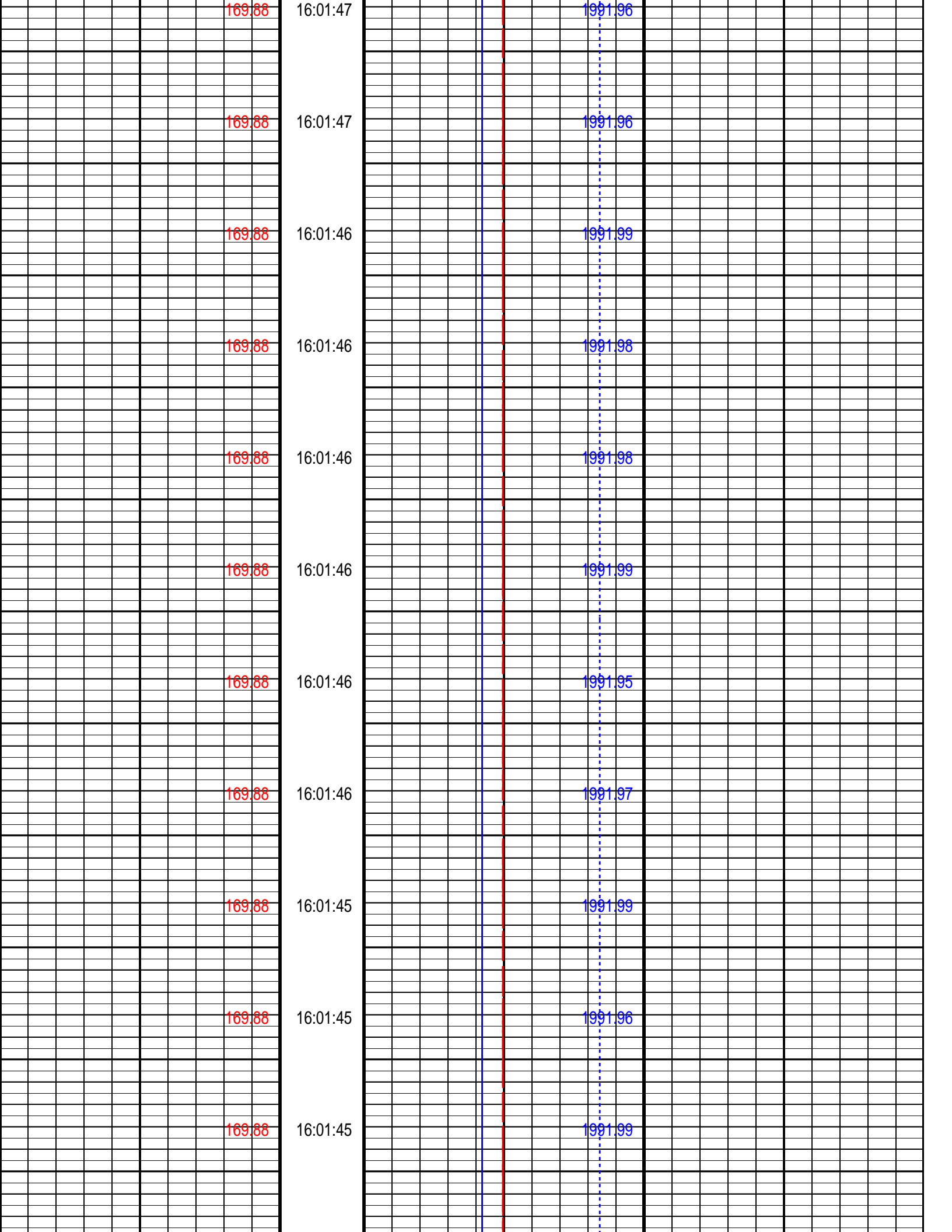
RST-C SRPC-3777-Q4_2008_OP16 PSPT-B SRPC-3777-Q4_2008_OP16

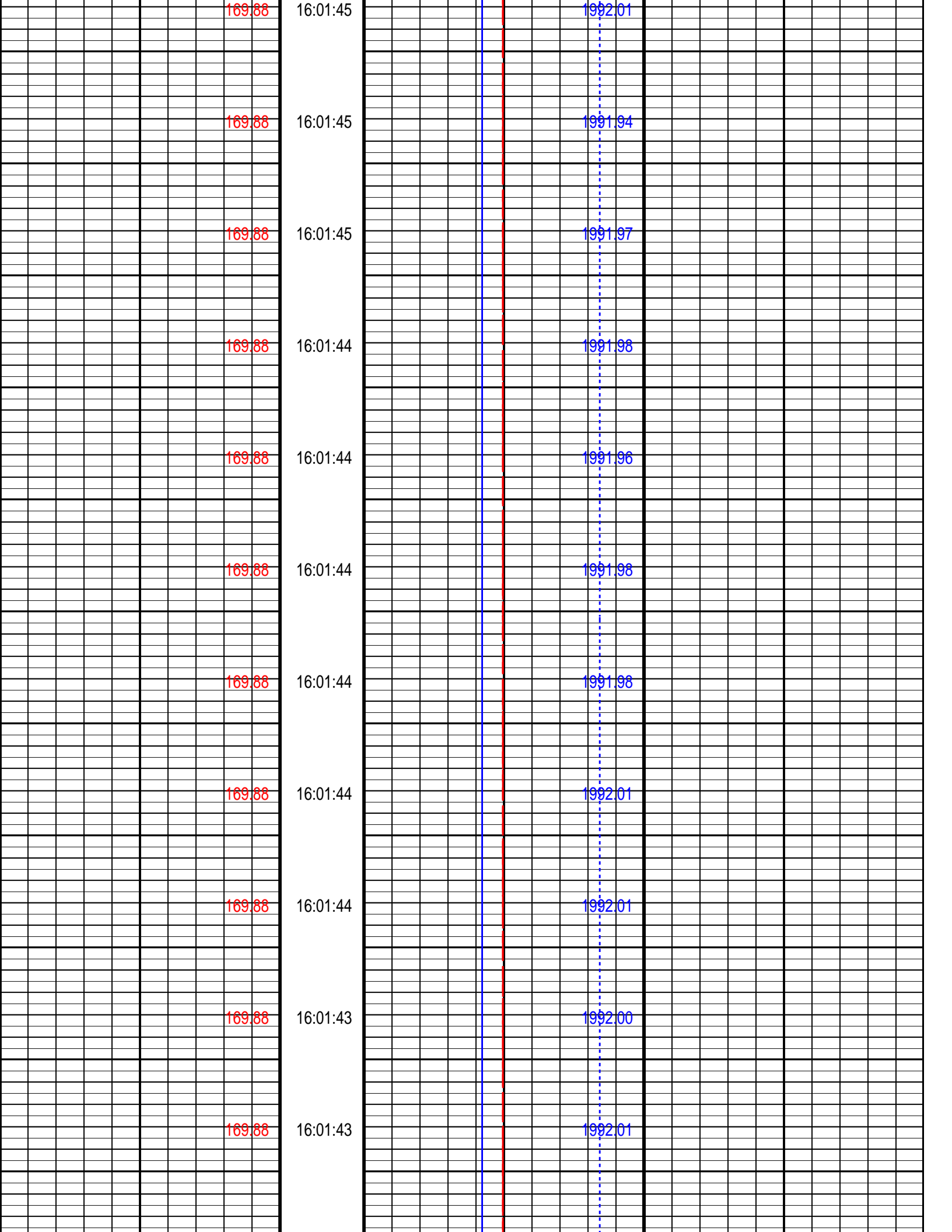
Amplified Well Pressure (WPRE_SL)		
0	(PSIA)	50
Well Pressure (WPRE_SL)		
1950	(PSIA)	2050

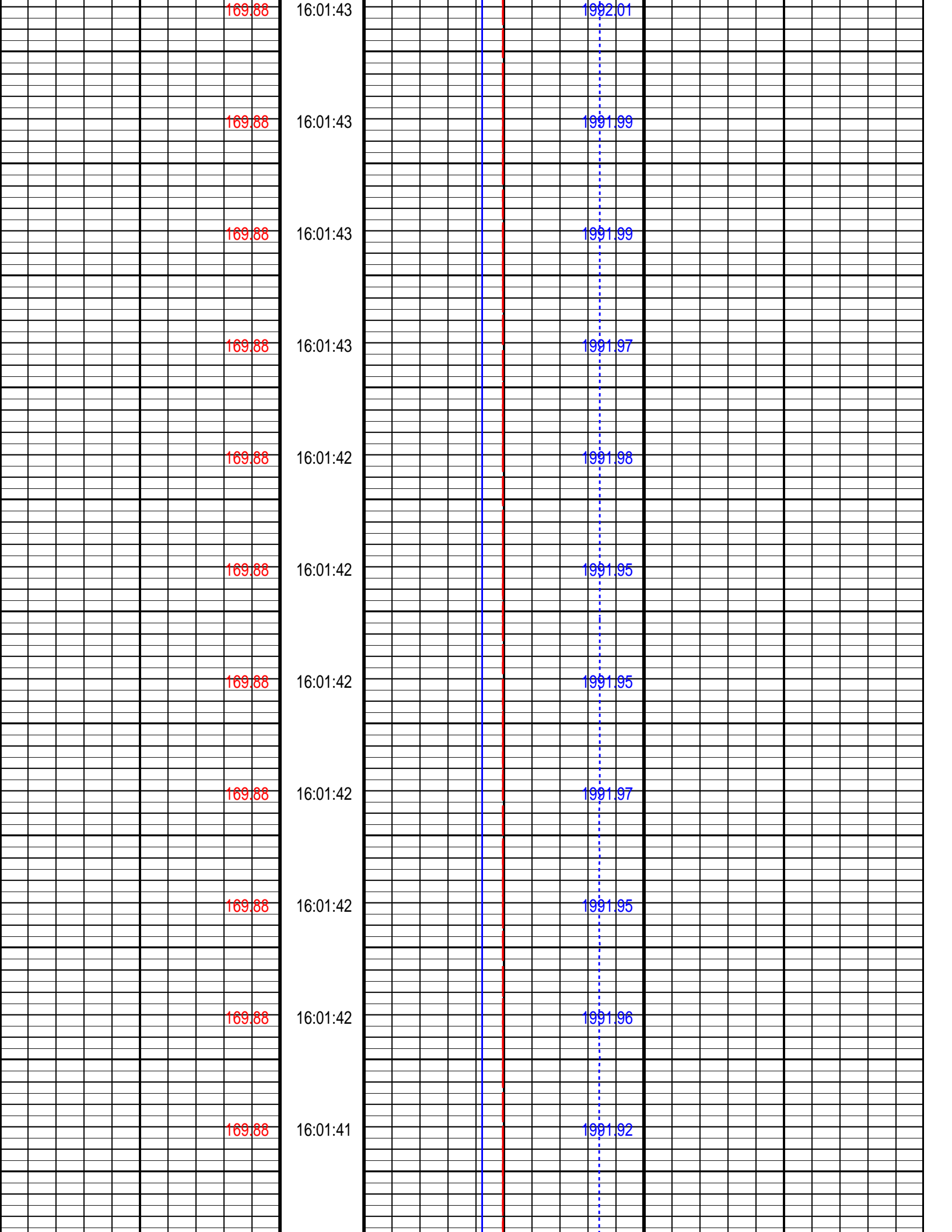
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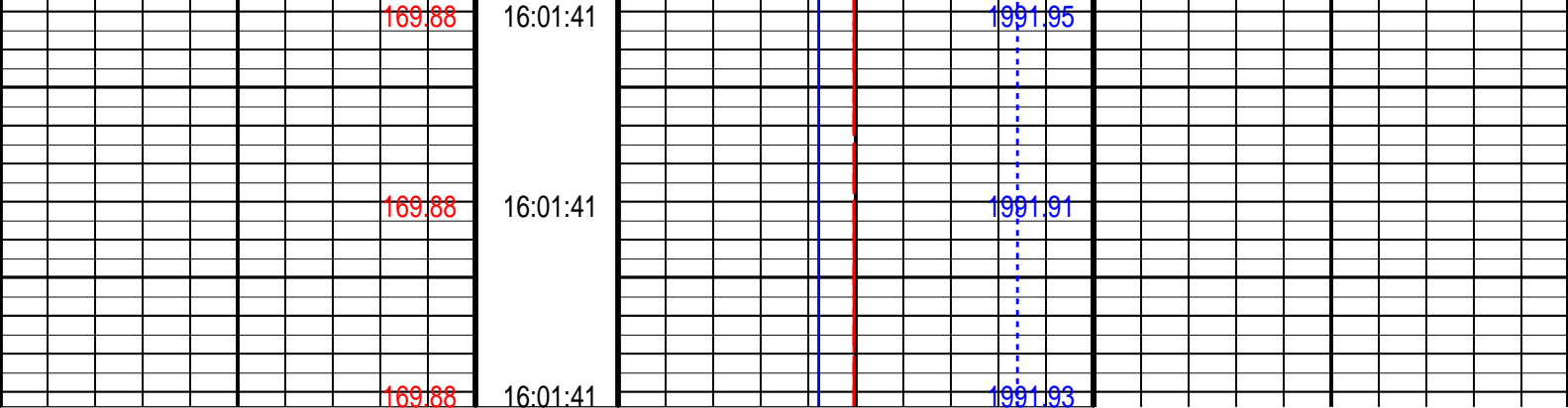












Well Temp (WTEP_SL) (DEGF)	Time of Job (TOJ) (MN)	Well Temperature (WTEP_SL) (DEGF)		
		160		180
		Well Pressure (WPRE_SL) (PSIA)		
		Well Temperature (WTEP_SL) (DEGF)		
		0		20
		Well Pressure (WPRE_SL) (PSIA)		
		1950		2050
		Amplified Well Pressure (WPRE_SL) (PSIA)		
		0		50


Format: PSP_station Vertical Scale: 1" per 10S Graphics File Created: 20-Jun-2009 01:40

OP System Version: 16C0-147
MCM

RST-C SRPC-3777-Q4_2008_OP16 PSPT-B SRPC-3777-Q4_2008_OP16

Output DLIS Files

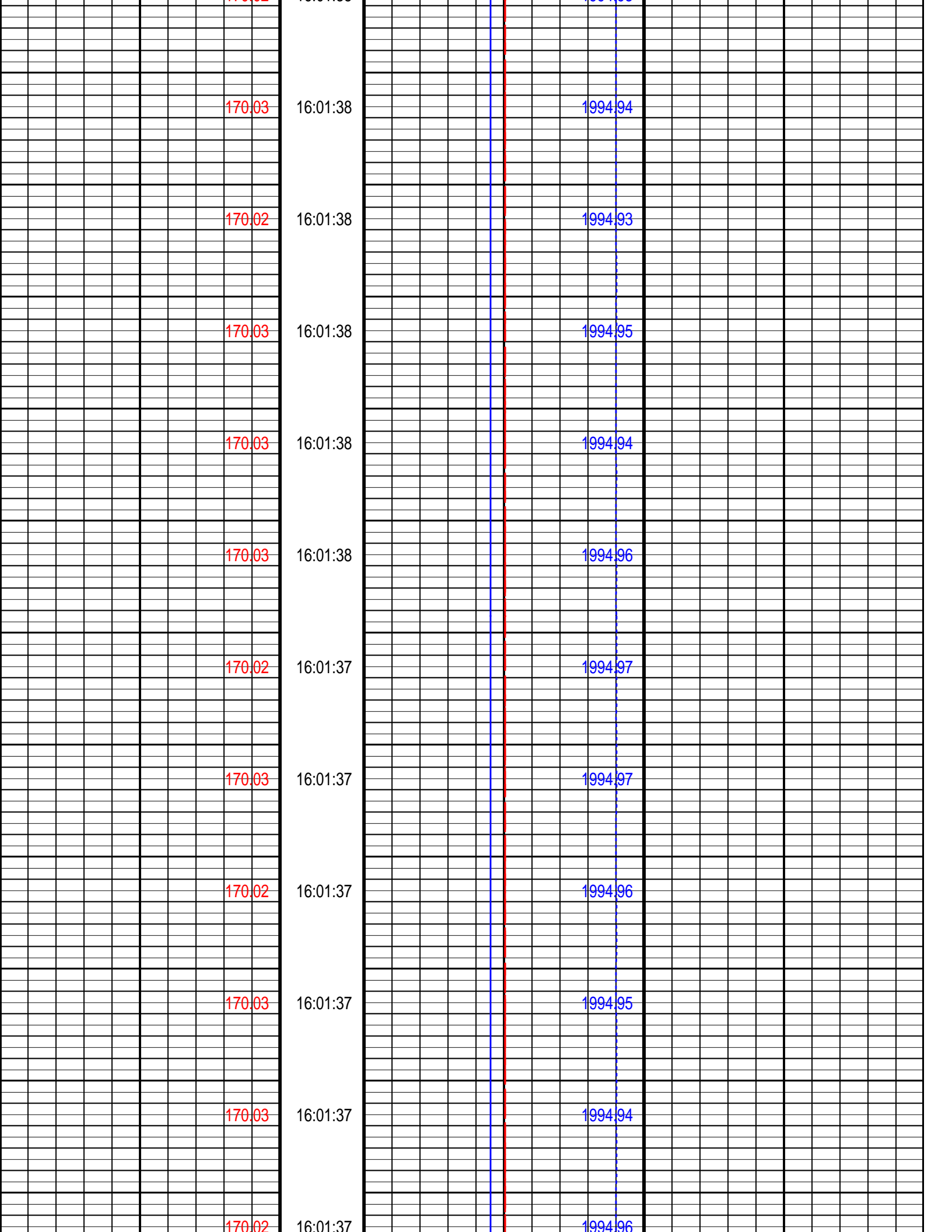
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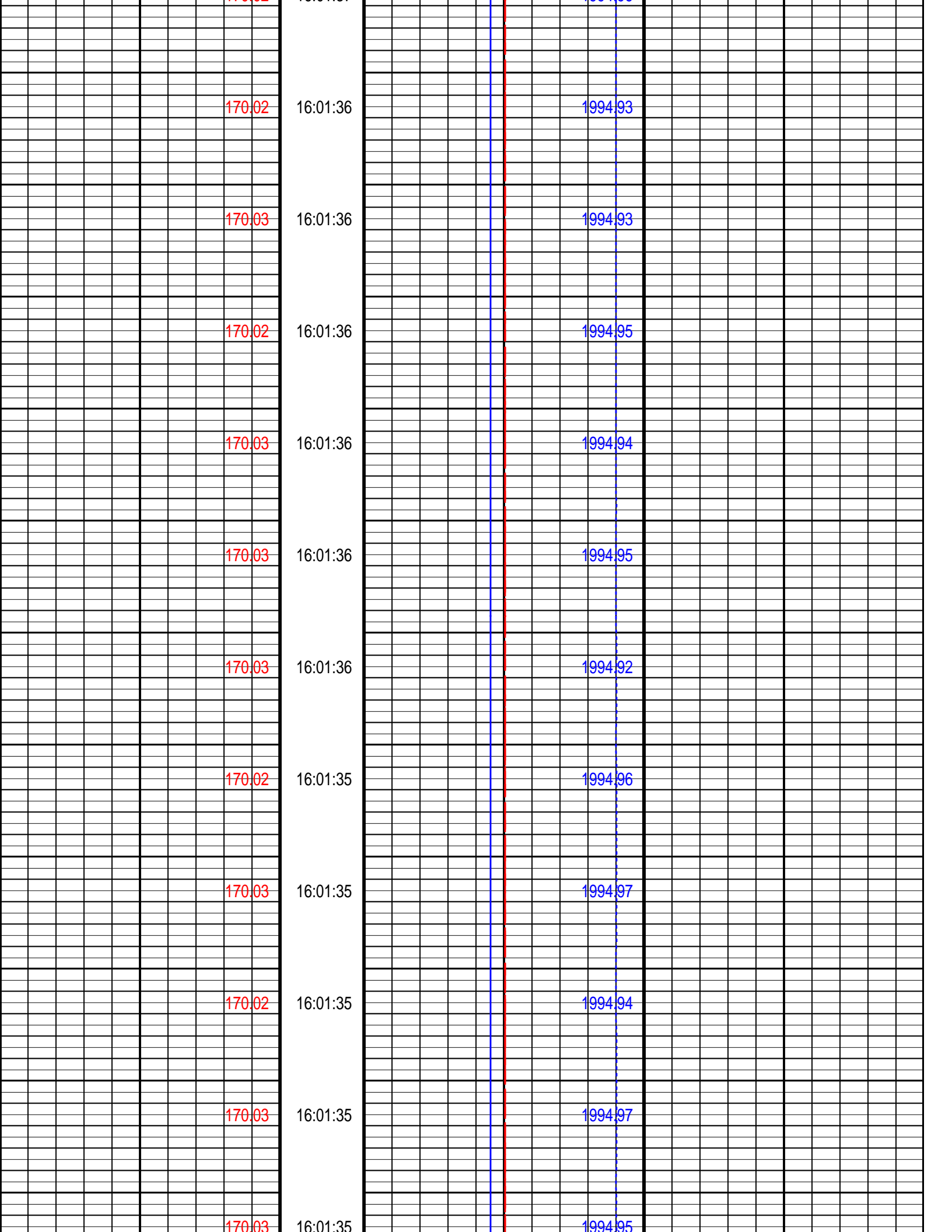


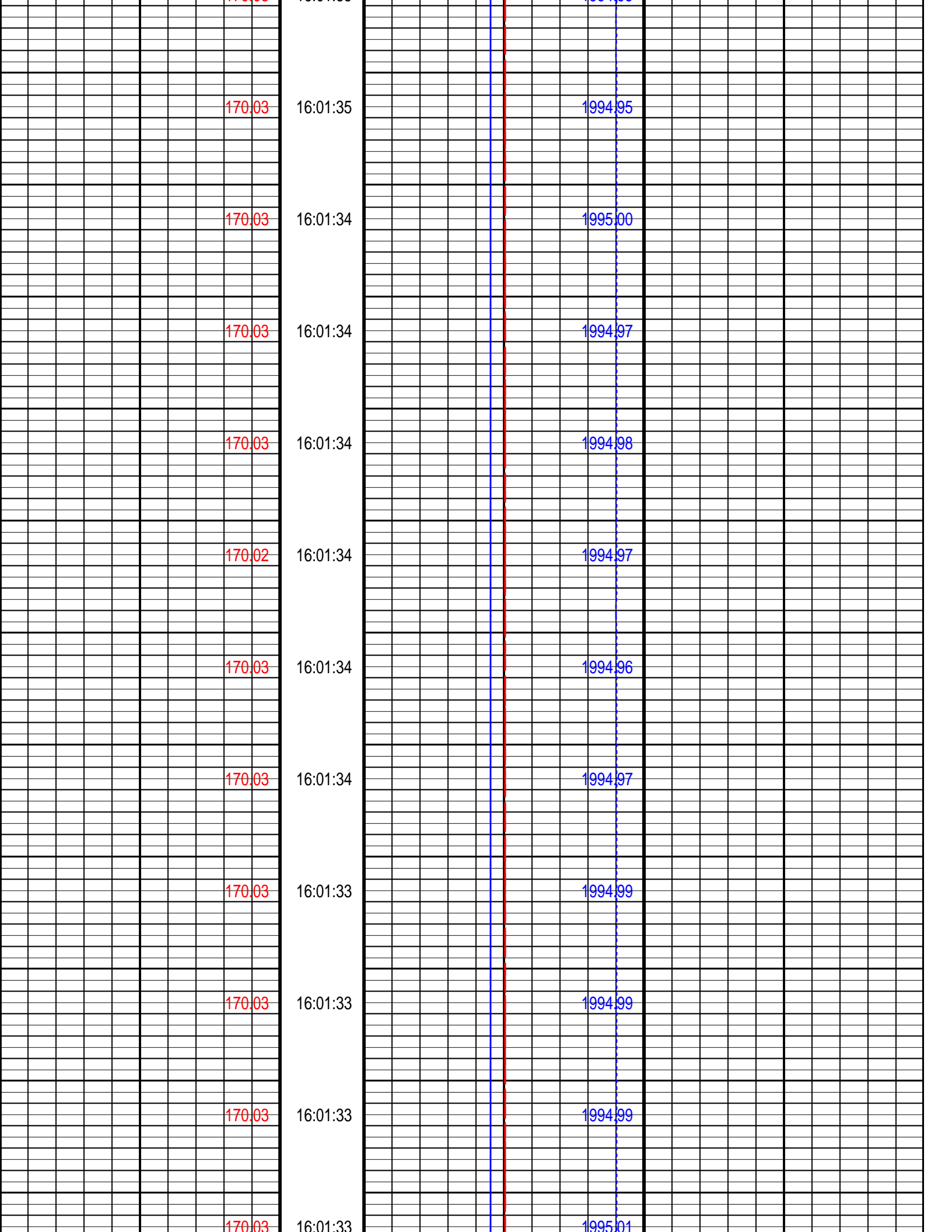
Pressure/Temperature Station
1915m MDKB

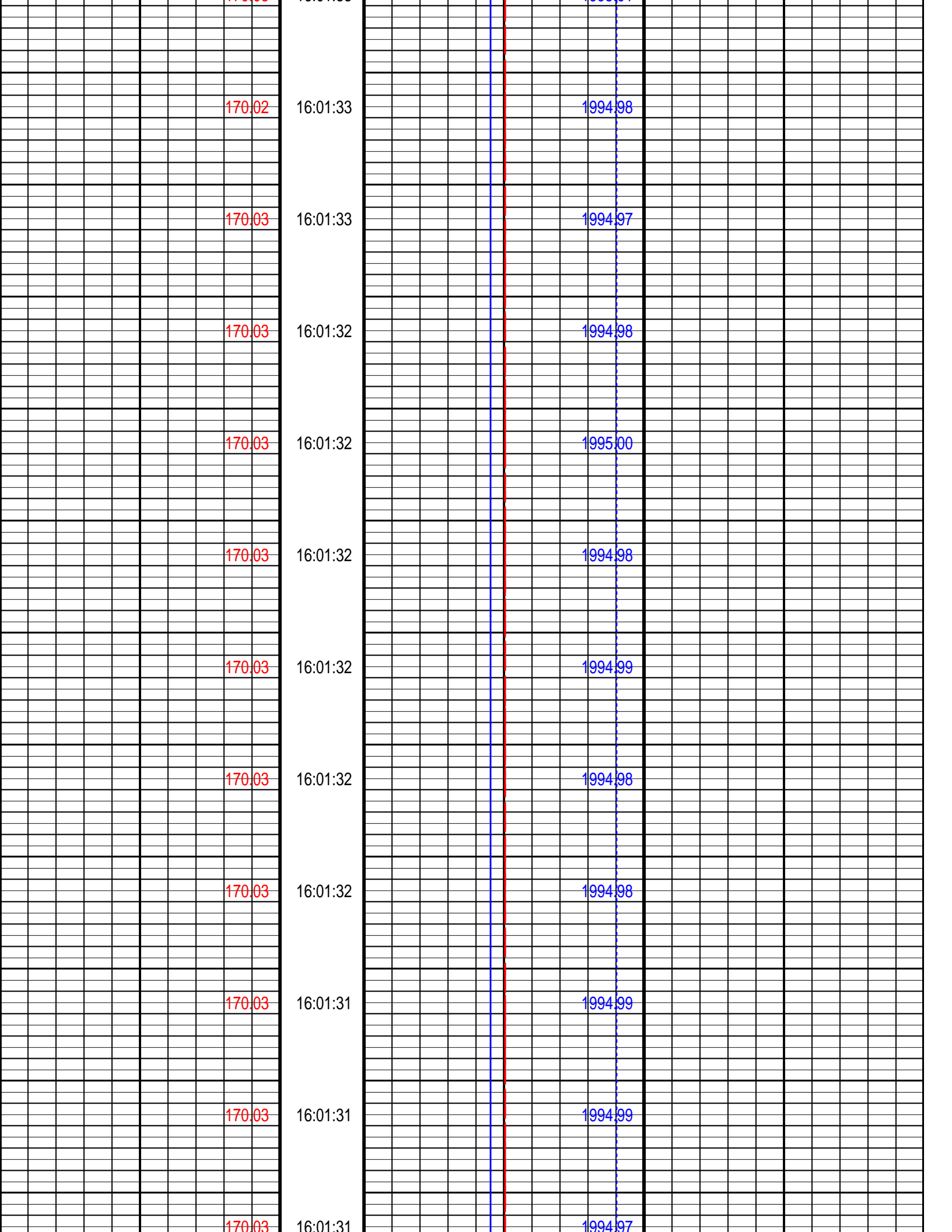
MAXIS Field Log

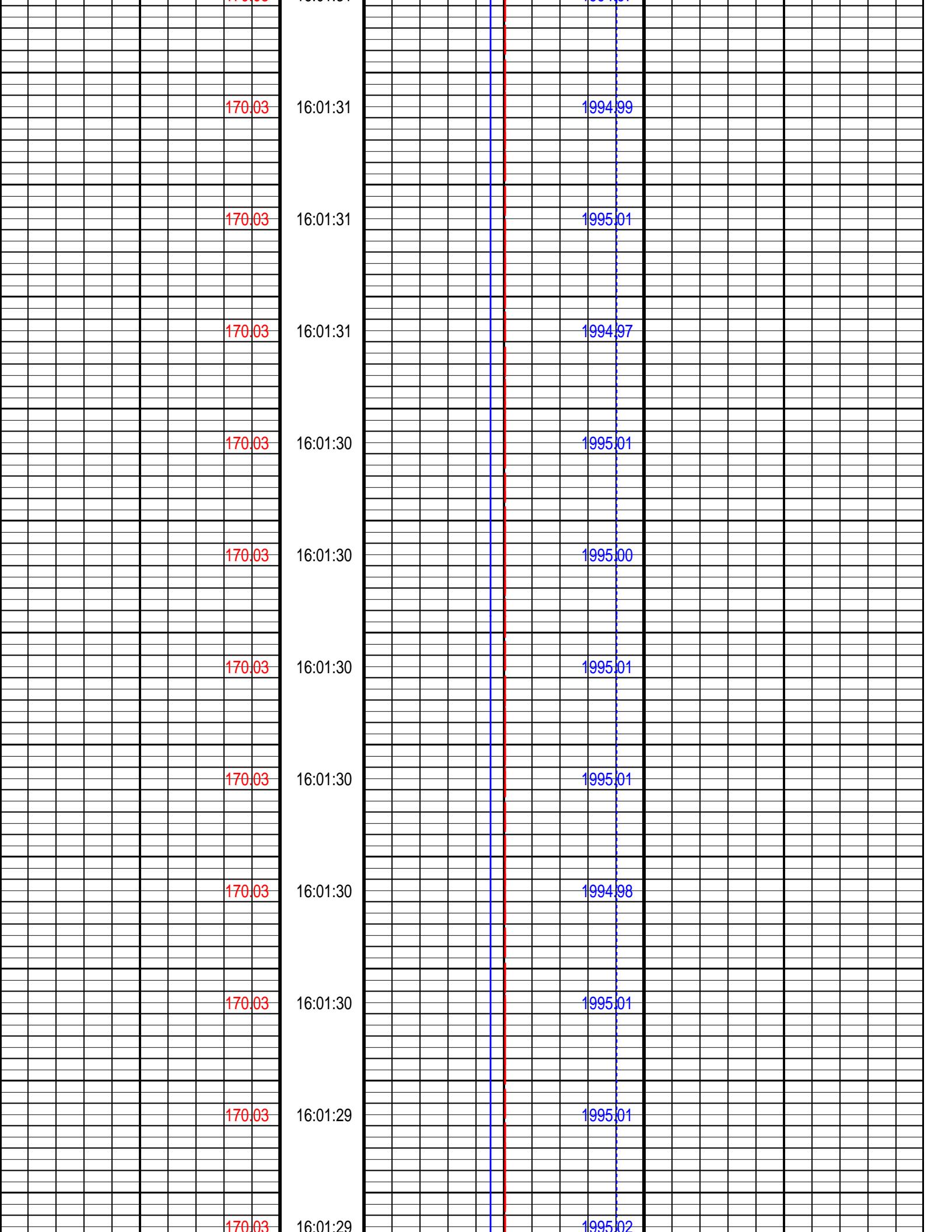


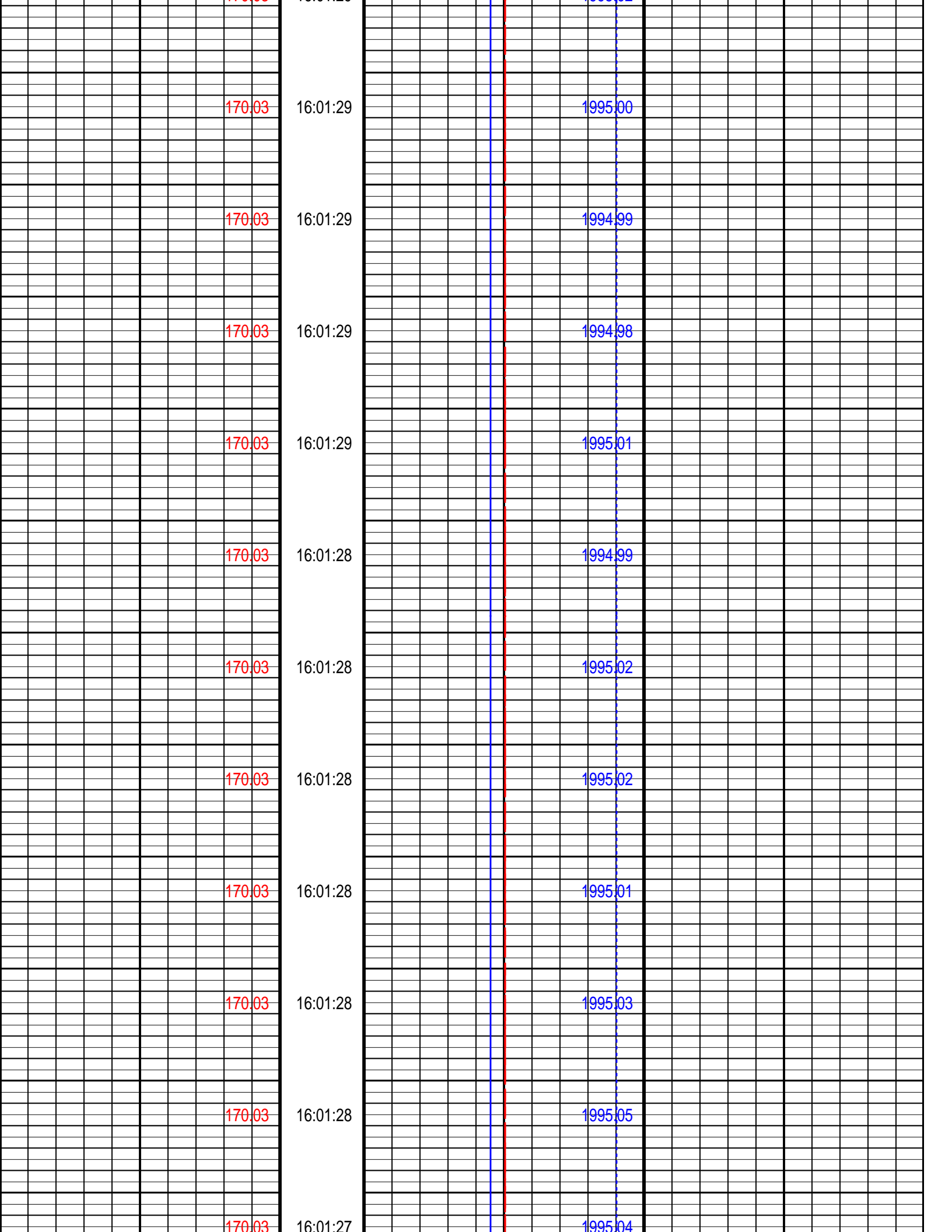


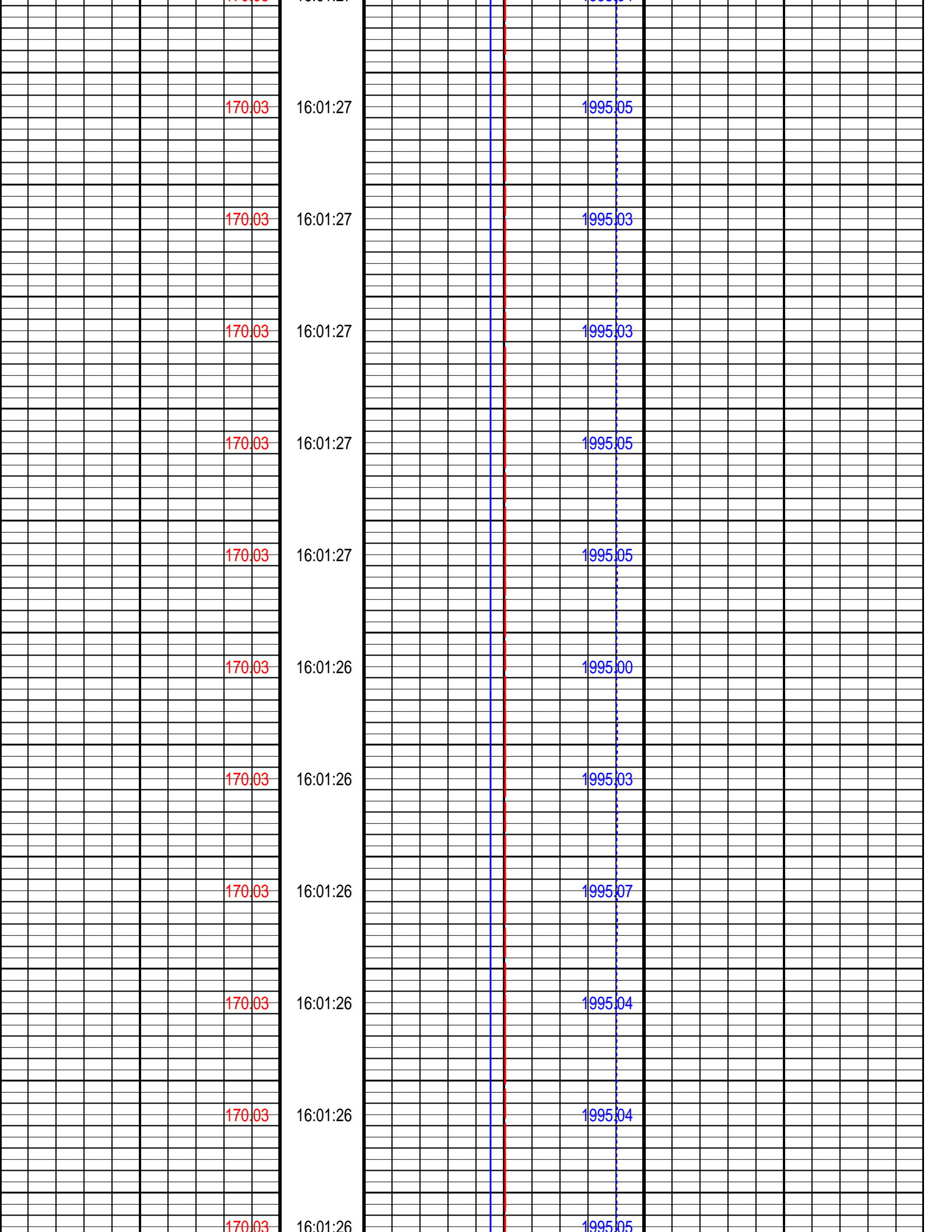


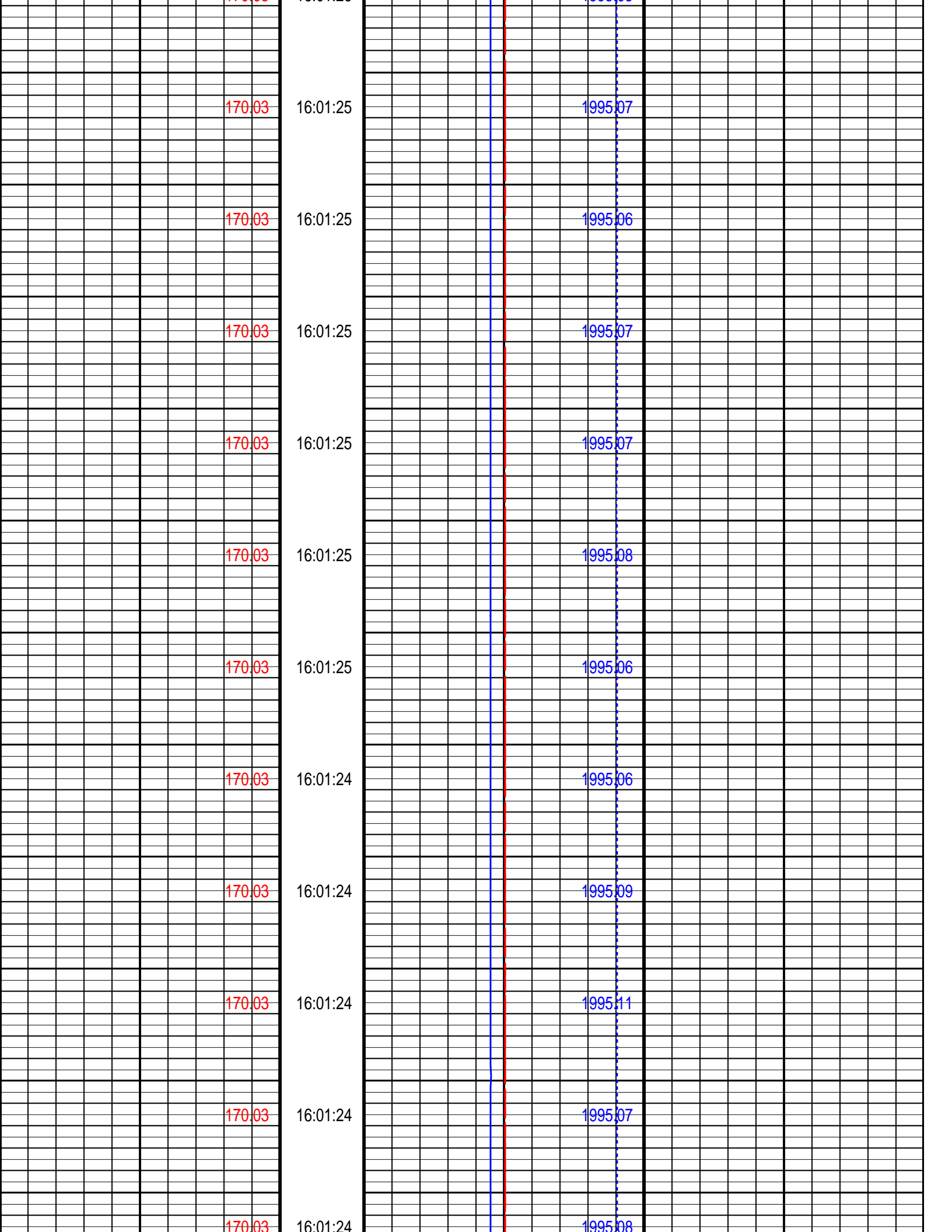


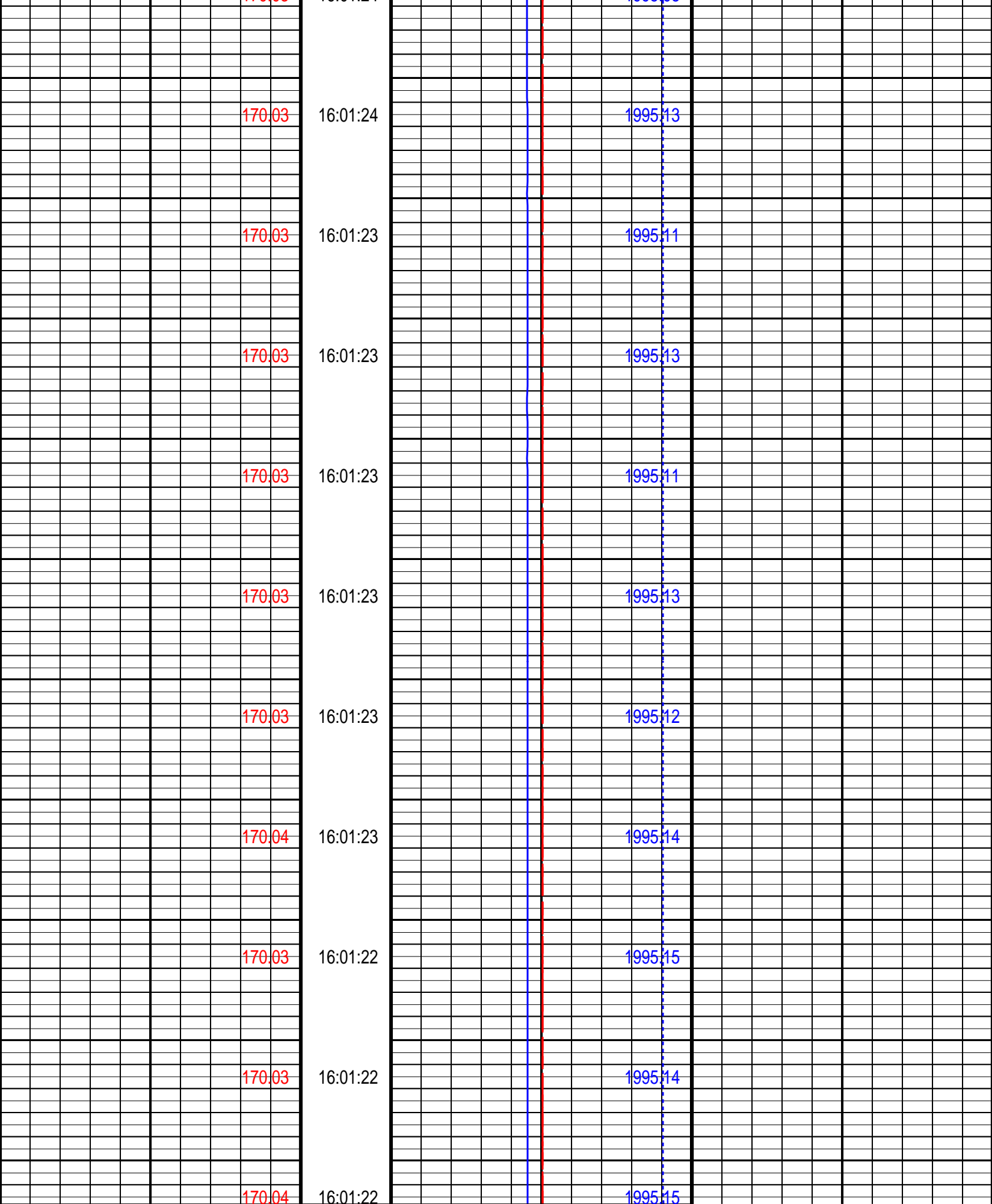












Well Temp (WTEP_SL) (DEGF)		Time of Job (TOJ) (MN)	Well Temperature (WTEP_SL) (DEGF)	
			Well Pressure (WPRE_SL) (PSIA)	
			Well Temperature (WTEP_SL) (DEGF)	

0	(DEGF)	20
Well Pressure (WPRE_SL)		
1950	(PSIA)	2050
Amplified Well Pressure (WPRE_SL)		
0	(PSIA)	50

Format: PSP_station Vertical Scale: 1" per 10S Graphics File Created: 20-Jun-2009 01:21

OP System Version: 16C0-147
MCM

RST-C SRPC-3777-Q4_2008_OP16 PSPT-B SRPC-3777-Q4_2008_OP16

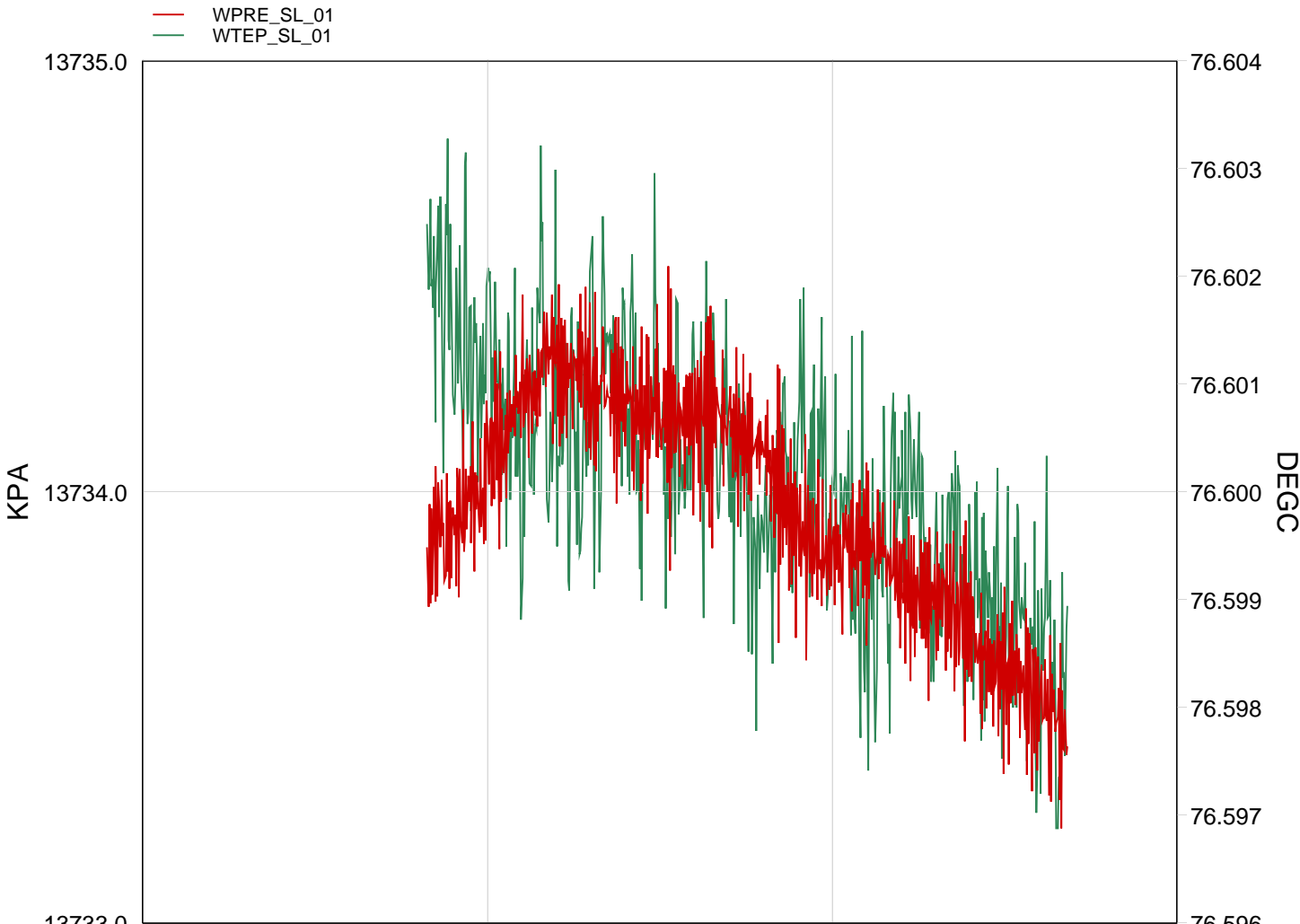
Output DLIS Files

DEFAULT RST_PSP_036LTP FN:35 PRODUCER 20-Jun-2009 01:21

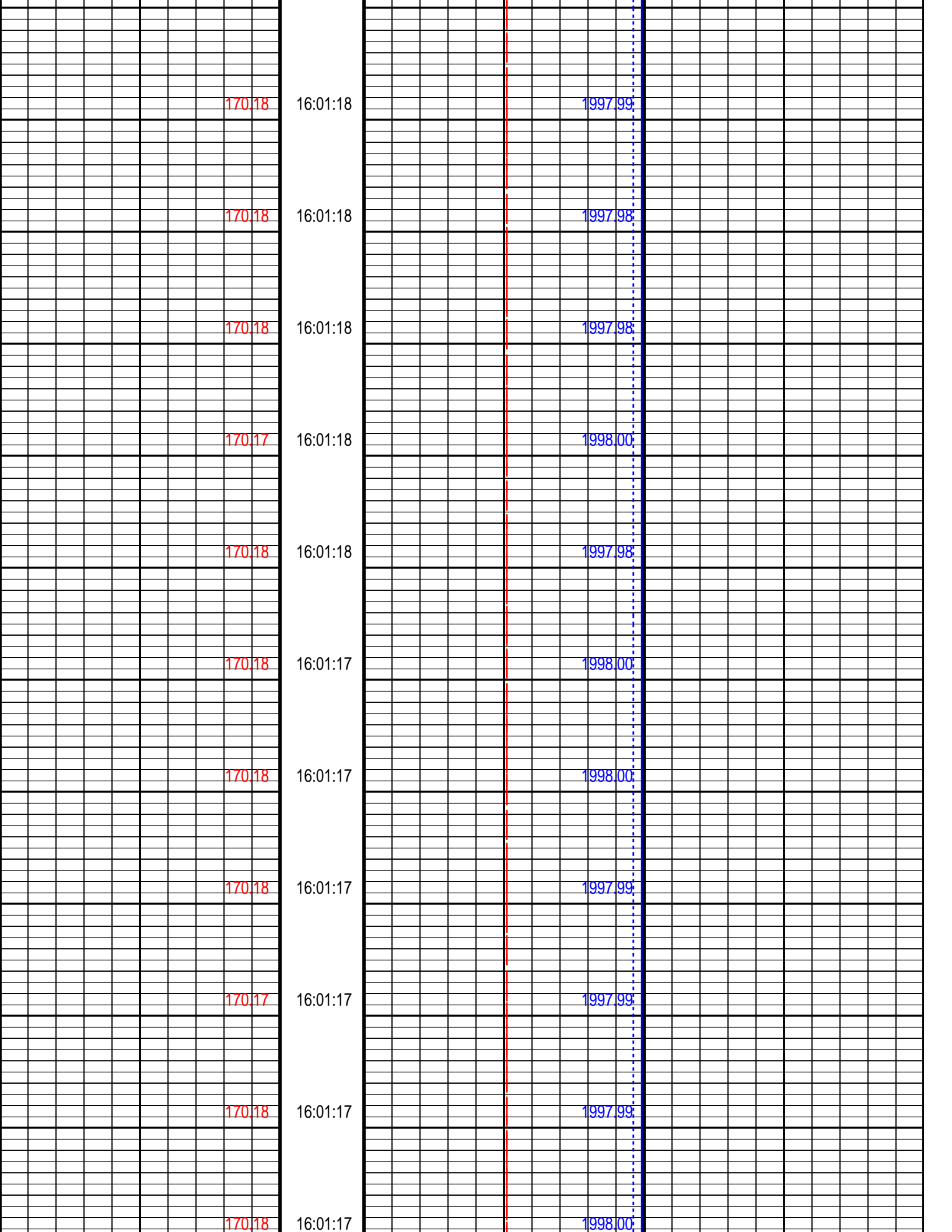


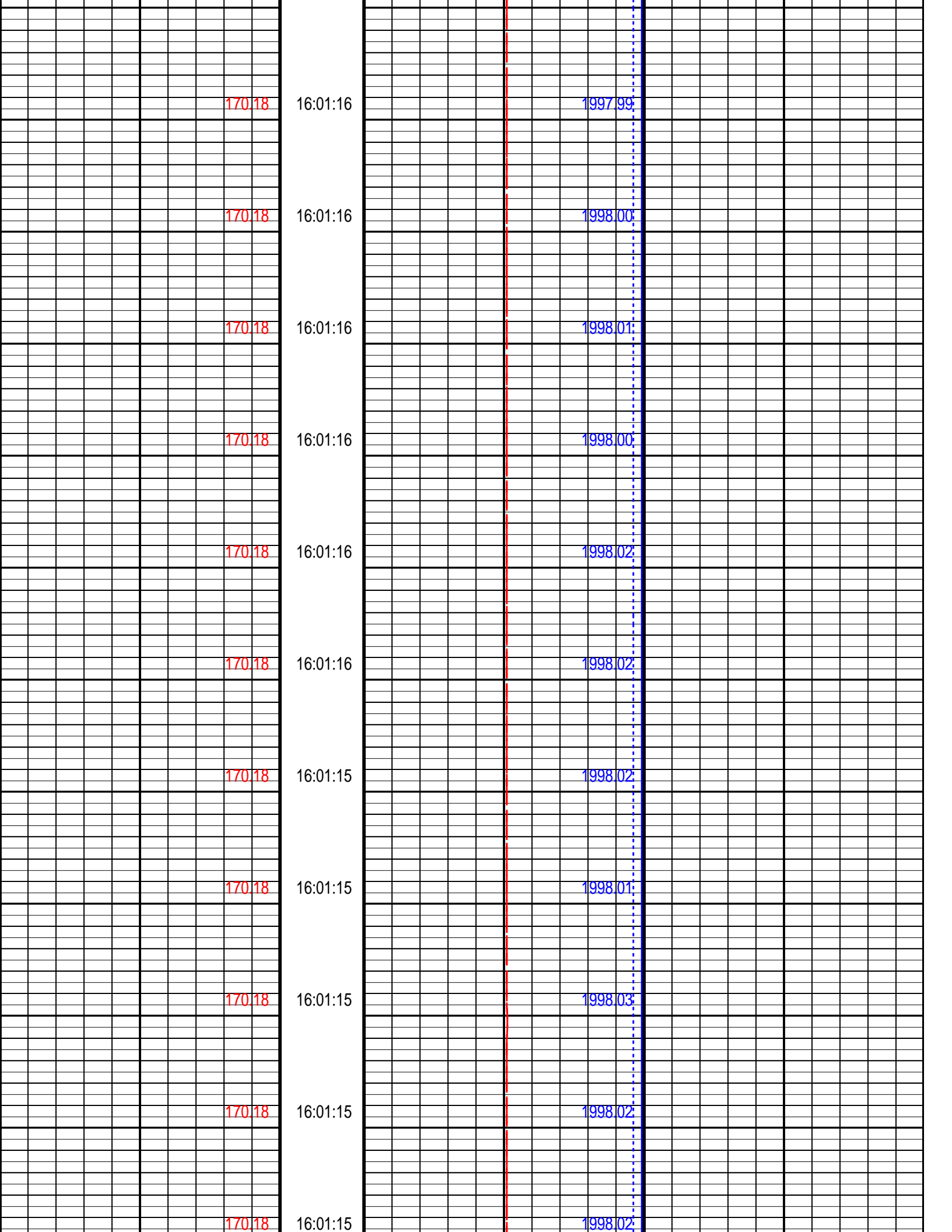
Pressure/Temperature Station
1930m MDKB

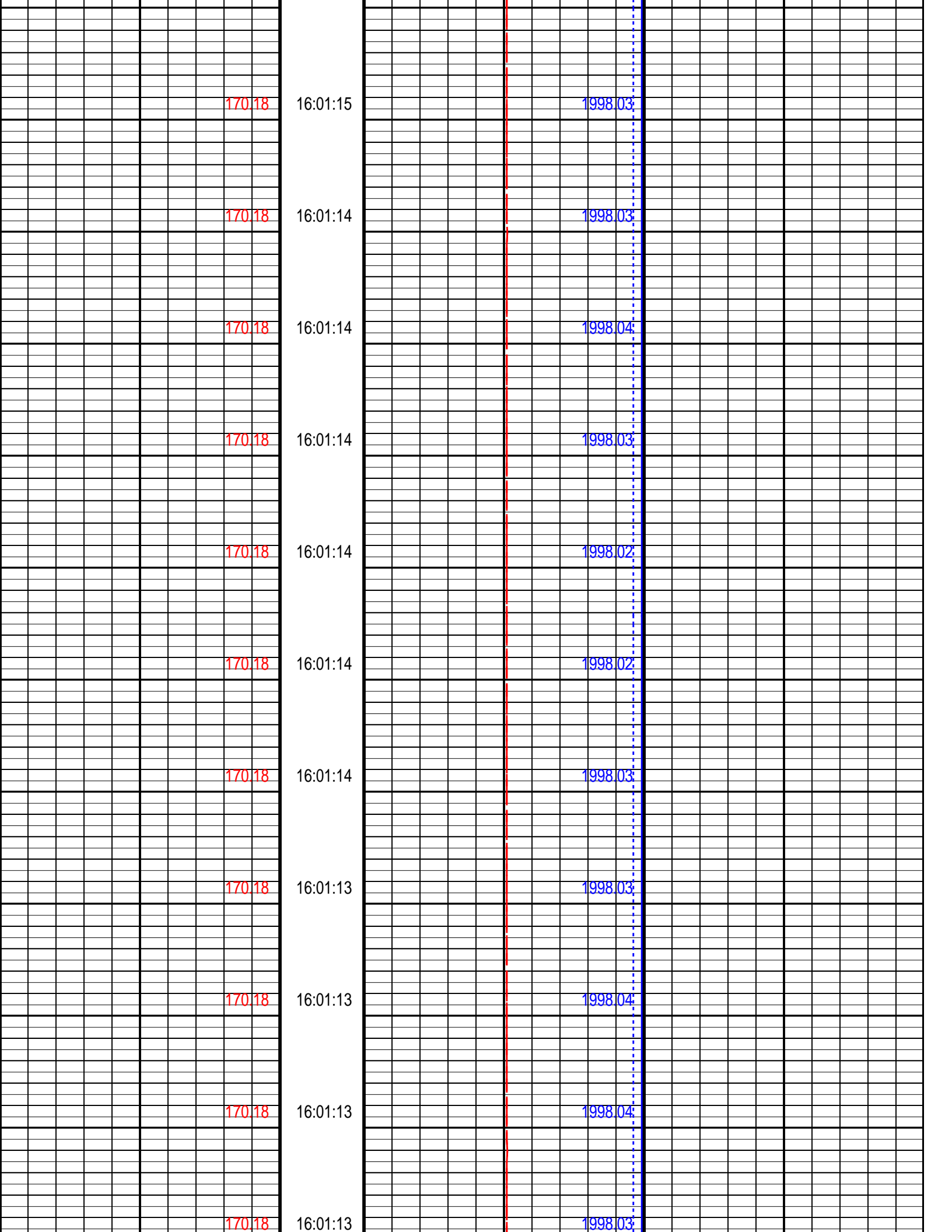
MAXIS Field Log

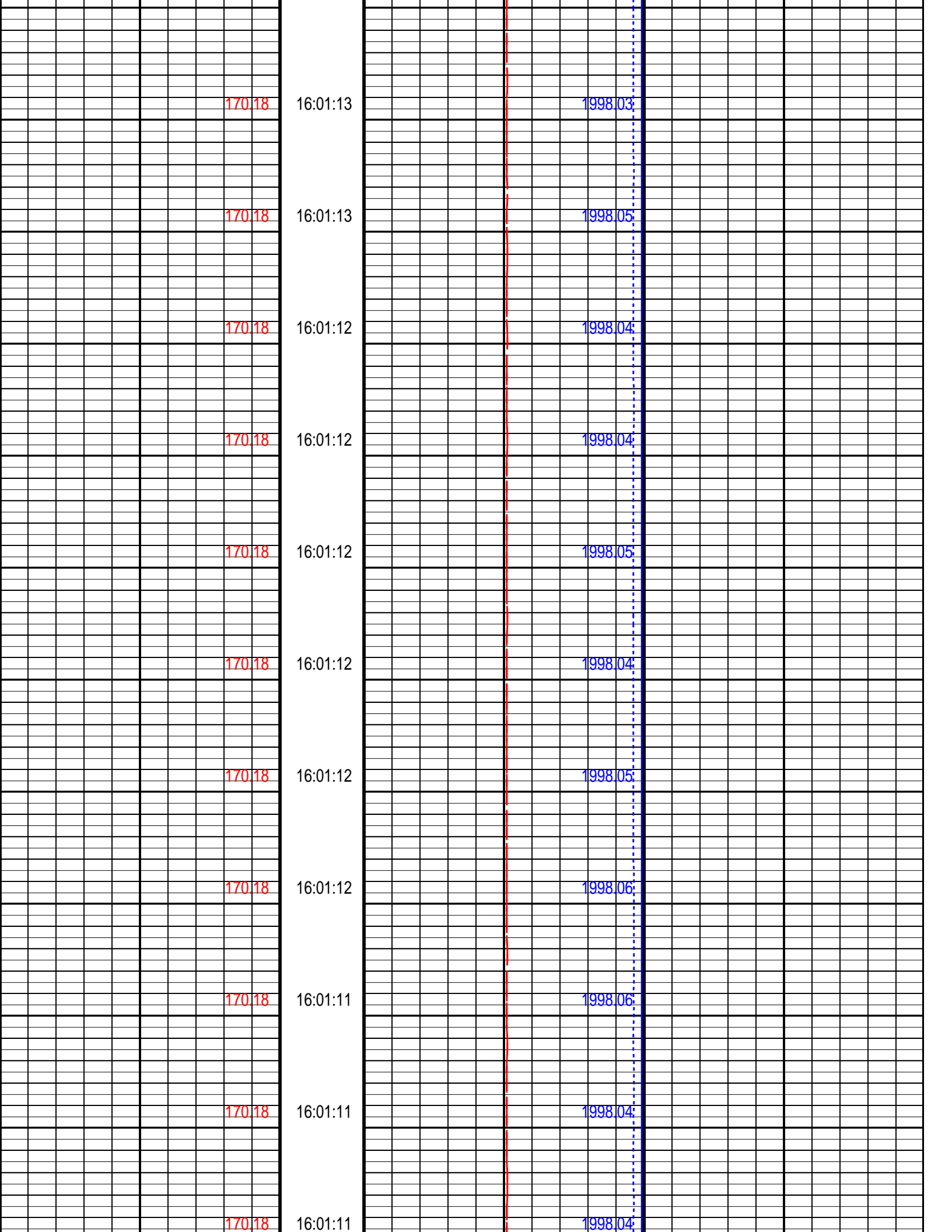


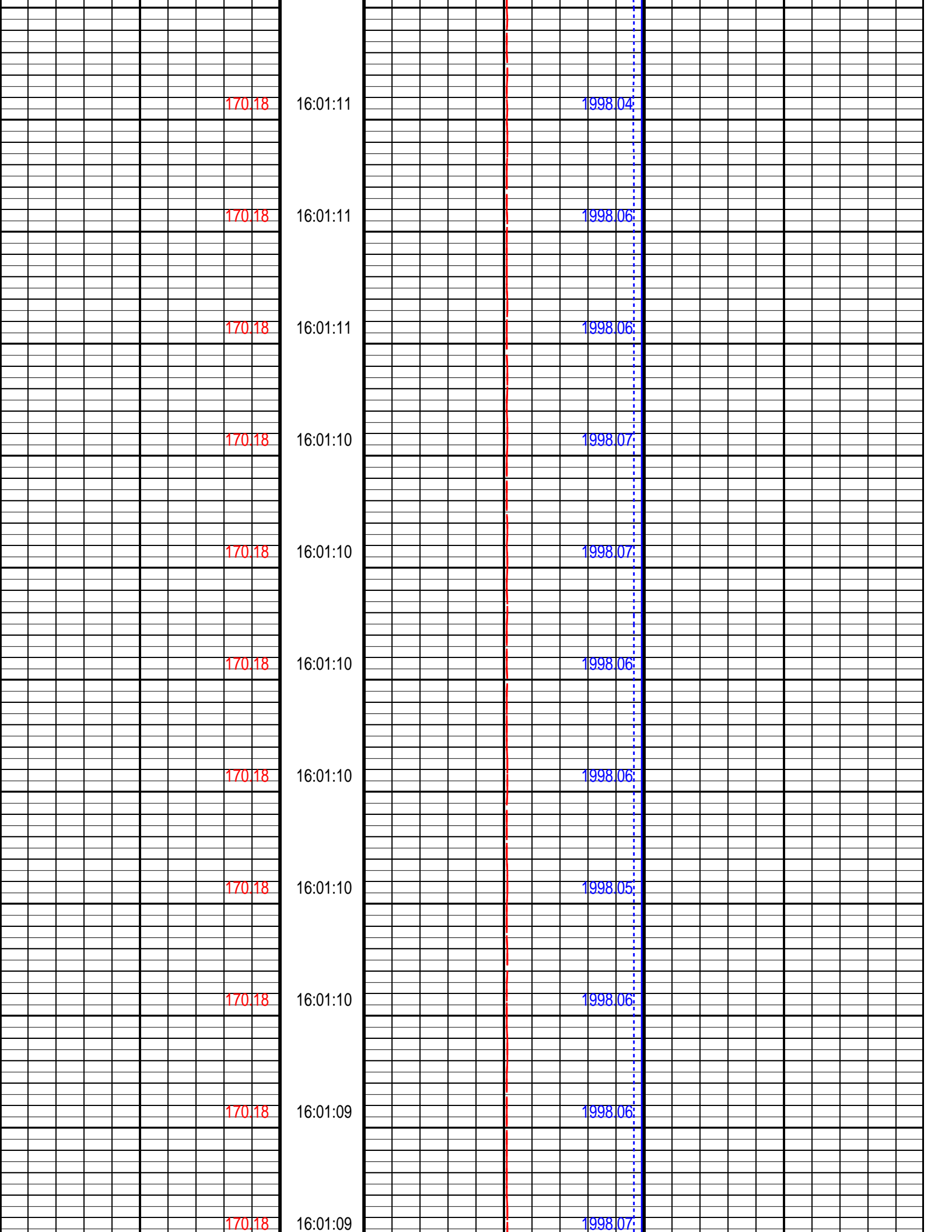
Company: Esso Australia Pty Ltd.										Well: A5											
Output DLIS Files																					
DEFAULT		RST_PSP_035LTP				FN:34		PRODUCER		20-Jun-2009 01:04				1930.0 M							
OP System Version: 16C0-147																					
MCM																					
RST-C		SRPC-3777-Q4_2008_OP16				PSPT-B				SRPC-3777-Q4_2008_OP16											
						Amplified Well Pressure (WPRE_SL)															
						0 (PSIA) 50															
						Well Pressure (WPRE_SL)															
						2000 (PSIA) 2200															
						Well Temperature (WTEP_SL)															
						0 (DEGF) 20															
						Well Pressure (WPRE_SL)															
						(PSIA)															
Well Temp (WTEP_SL)						Time of Job		Well Temperature (WTEP_SL)													
(DEGF)						(TOJ)		(DEGF)													
						(MN)		160 180													

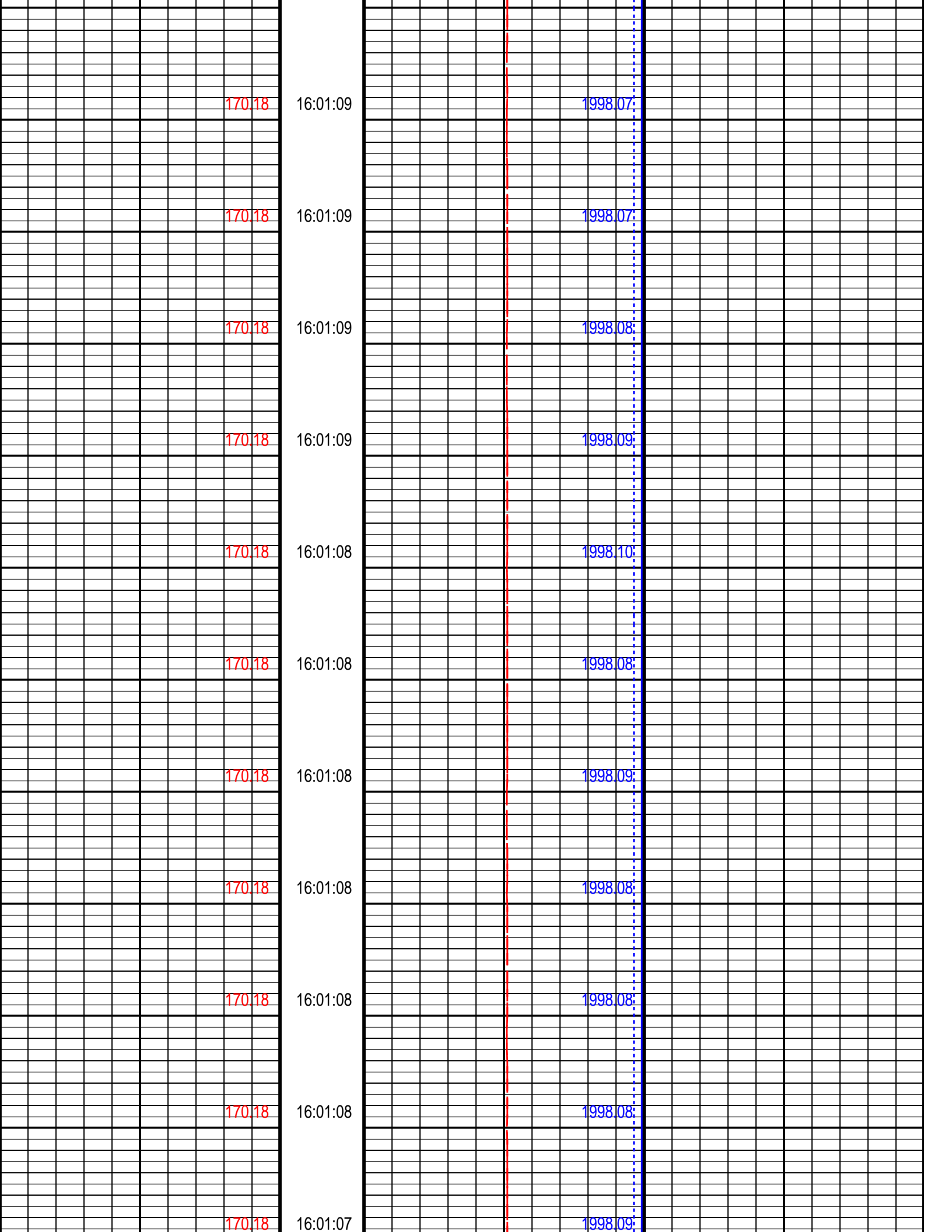




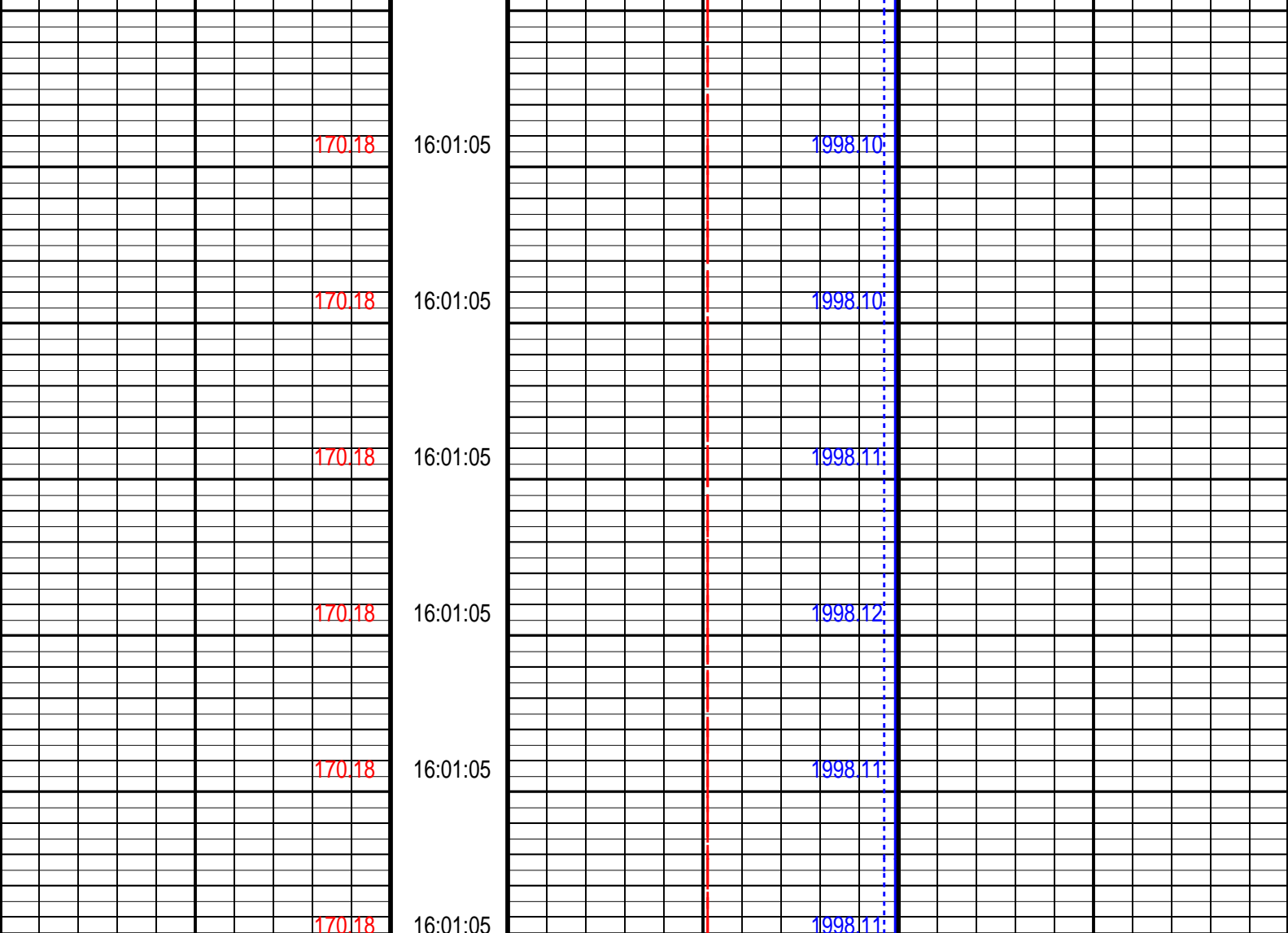








	Time	Value	Date
	16:01:07	170.18	1998.09
	16:01:07	170.18	1998.10
	16:01:07	170.18	1998.09
	16:01:07	170.18	1998.08
	16:01:07	170.18	1998.09
	16:01:06	170.18	1998.10
	16:01:06	170.18	1998.11
	16:01:06	170.18	1998.08
	16:01:06	170.18	1998.09
	16:01:06	170.18	1998.10
	16:01:06	170.18	1998.09



Well Temp (WTEP_SL) (DEGF)	Time of Job (TOJ) (MN)	Well Temperature (WTEP_SL)	
		160 (DEGF)	180
		Well Pressure (WPRE_SL) (PSIA)	
		Well Temperature (WTEP_SL)	
		0 (DEGF)	20
		Well Pressure (WPRE_SL)	
		2000 (PSIA)	2200
		Amplified Well Pressure (WPRE_SL)	
		0 (PSIA)	50

Format: PSP_station Vertical Scale: 1" per 10S Graphics File Created: 20-Jun-2009 01:04

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RST-C SRPC-3777-Q4_2008_OP16 PSPT-B SRPC-3777-Q4_2008_OP16

Output DLIS Files

DEFAULT RST_PSP_035LTP FN:34 PRODUCER 20-Jun-2009 01:04



RST Flowing Pass

Company: Esso Australia Pty Ltd.

Well: A5

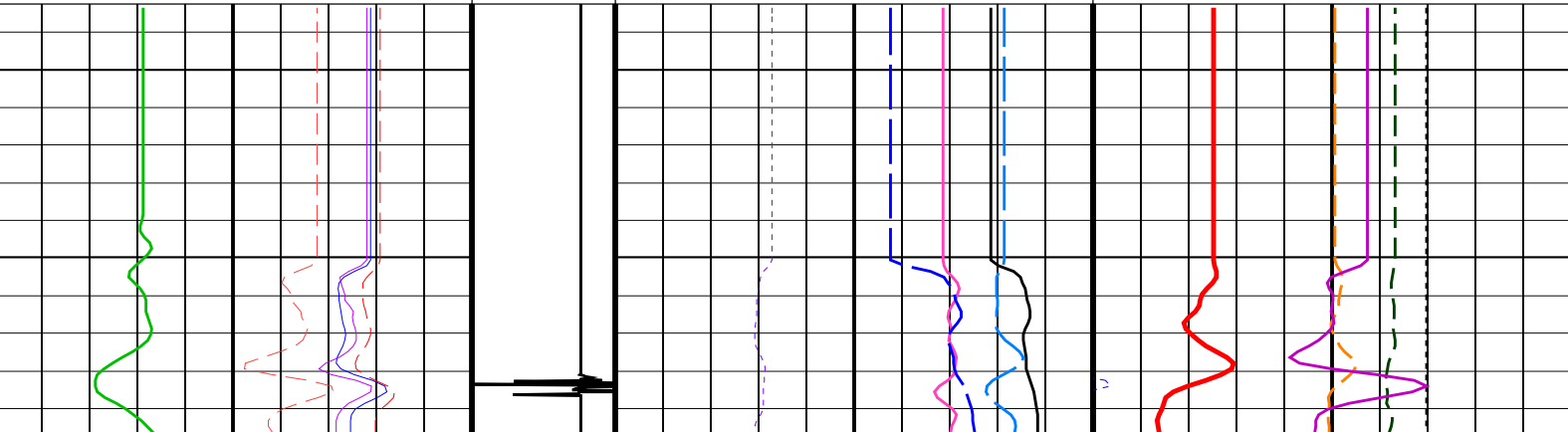
Input DLIS Files						
DEFAULT	RST_PSP_032LUP	FN:31	PRODUCER	20-Jun-2009 00:06	2040.0 M	1884.0 M
Output DLIS Files						
DEFAULT	RST_PSP_033PUP	FN:32	PRODUCER	20-Jun-2009 00:53	2039.7 M	1878.2 M

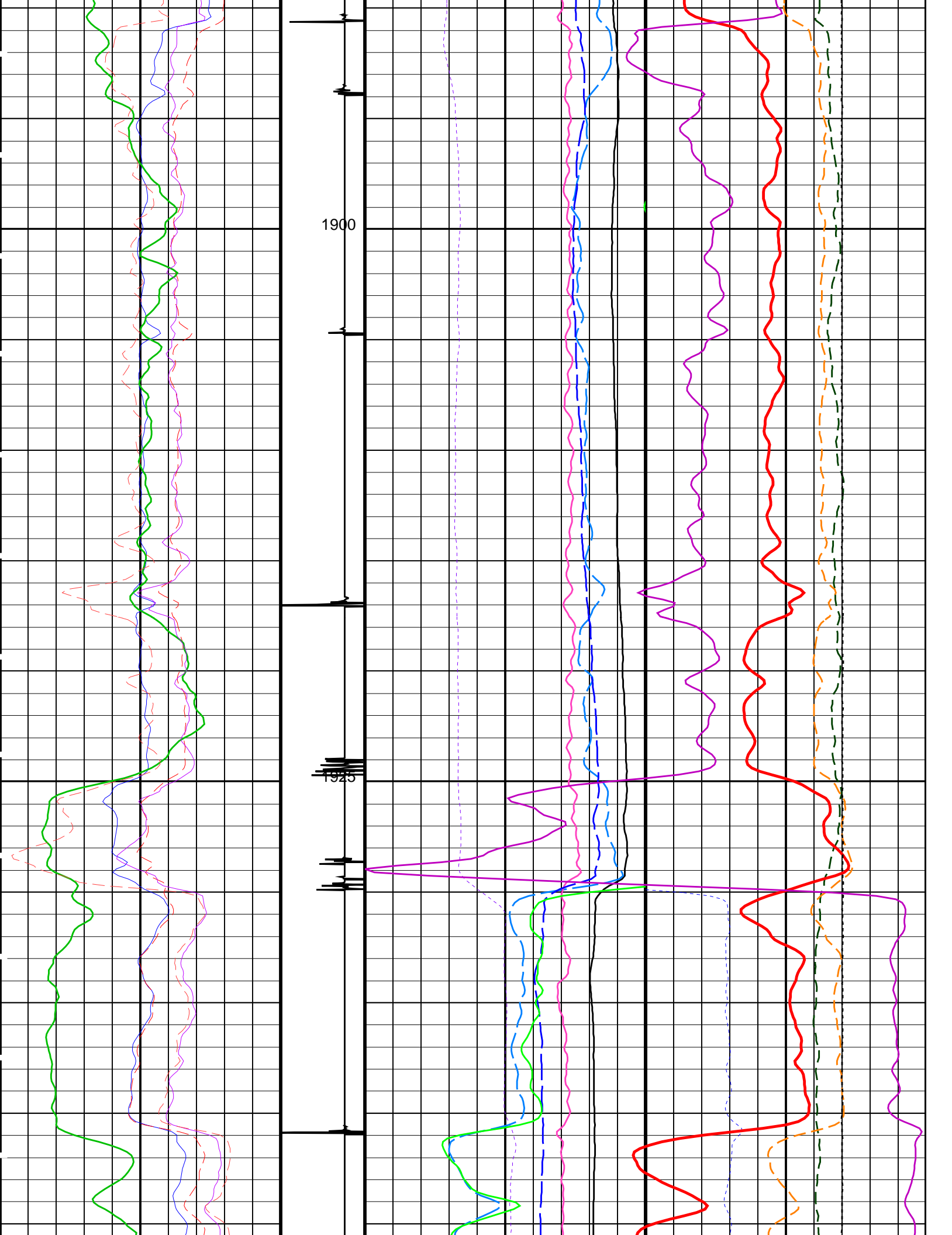
OP System Version: 16C0-147			
MCM			
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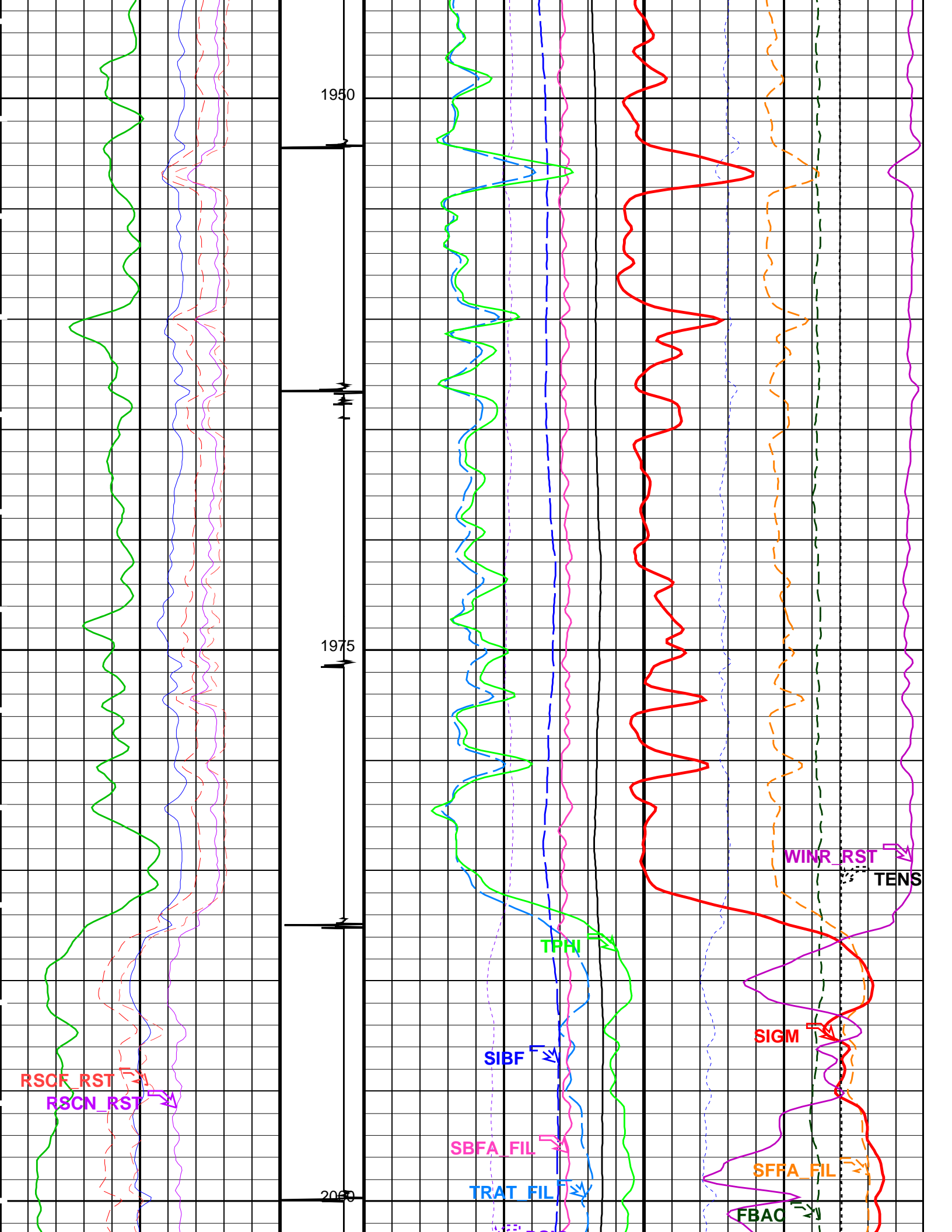
PIP SUMMARY

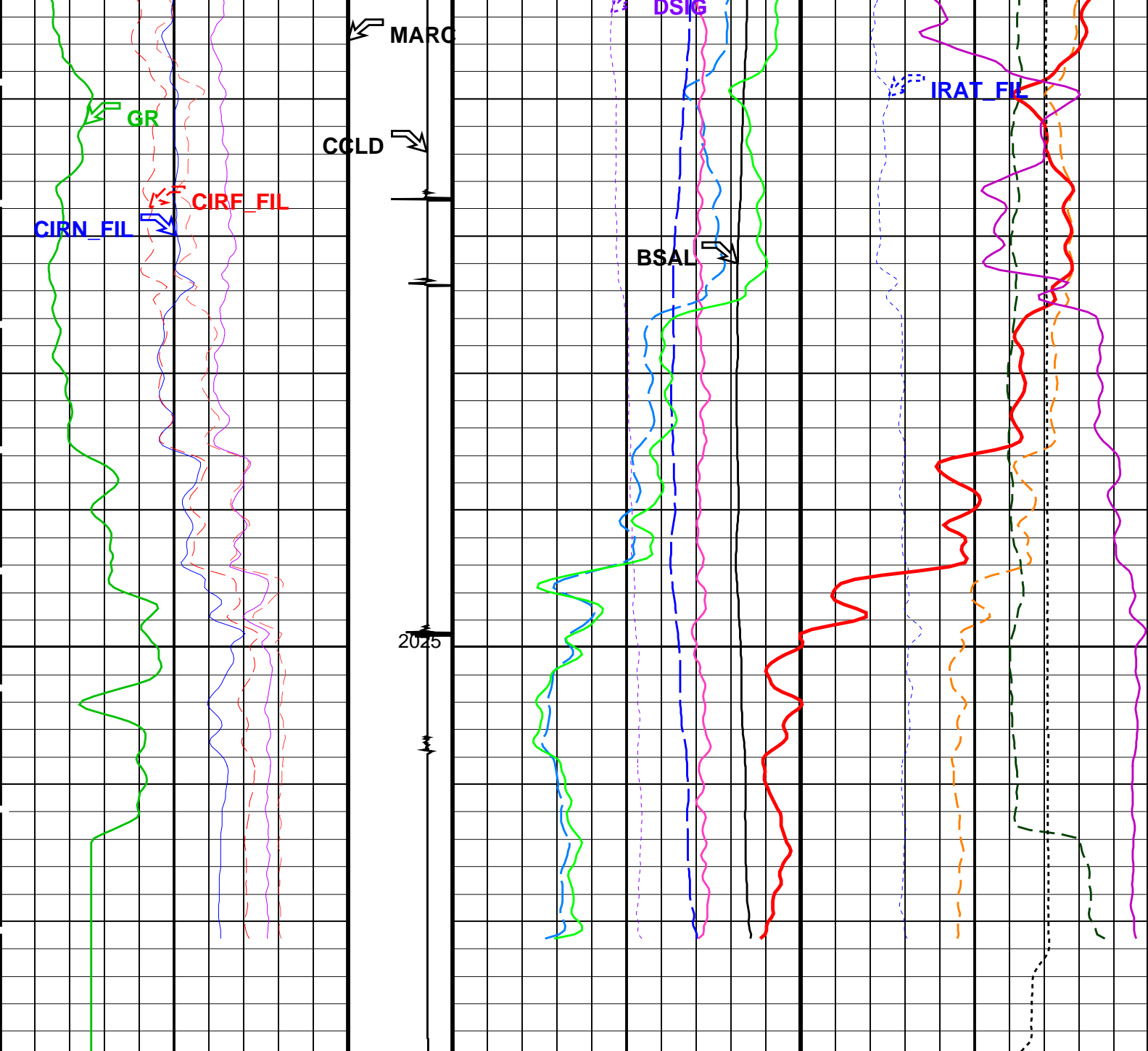
Time Mark Every 60 S

		RST Sigma (SIGM)	
		60 (CU)	0
		RST Weighted Inelastic Ratio (WINR_RST)	
		2 (----	0
		RST Porosity (TPHI)	
		0.6 (V/V)	0
RST Far Effective Capture CR (RSCF_RST)		RST Sigma Borehole Fluid (SIBF)	
45 (----	0	100 (CU)	0
RST Near Effective Capture CR (RSCN_RST)		Sigma Borehole Far Apparent (SBFA_FIL)	
45 (----	0	150 (CU)	0
		Tension (TENS)	
		0 (LBF) 3000	
RST Capture to Inelastic Ratio Far (CIRF_FIL)		RST Capture Ratio (TRAT_FIL)	Sigma Formation Far Apparent (SFFA_FIL)
5 (----	0	1.5 (----	0.5 60 (CU) 0
RST Capture to Inelastic Ratio Near (CIRN_FIL)		RST Sigma Difference (DSIG)	
2.5 (----	0	-30 (CU)	30
		MCS Far Background (filtered) (FBAC)	
		0 (CPS) 5000	
Gamma Ray (GR)		RST Borehole Salinity (BSAL)	
0 (GAPI)	150	450 (PPK)	-50
		RST Inelastic Ratio (IRAT_FIL)	
		0.75 (----) 0	









<div>Gamma Ray (GR) (GAPI)</div> <div>0150</div>	<div>Discriminat ed CCL (CCLD)</div> <div>3 (V) -1</div>	<div>RST Borehole Salinity (BSAL)</div> <div>450 (PPK) -50</div>	<div>RST Inelastic Ratio (IRAT_FIL)</div> <div>0.75 (----) 0</div>
		<div>RST Sigma Difference (DSIG)</div> <div>-30 (CU) 30</div>	<div>MCS Far Background (filtered) (FBAC)</div> <div>0 (CPS) 5000</div>
		<div>RST Capture Ratio (TRAT_FIL)</div> <div>1.5 (----) 0.5</div>	<div>Sigma Formation Far Apparent (SFFA_FIL)</div> <div>60 (CU) 0</div>
		<div>Sigma Borehole Far Apparent (SBFA_FIL)</div> <div>150 (CU) 0</div>	<div>Tension (TENS)</div> <div>0 (LBF) 3000</div>
		<div>RST Sigma Borehole Fluid (SIBF)</div> <div>100 (CU) 0</div>	

OP System Version: 16C0-147

MCM

RST-C

SRPC-3777-Q4_2008_OP16

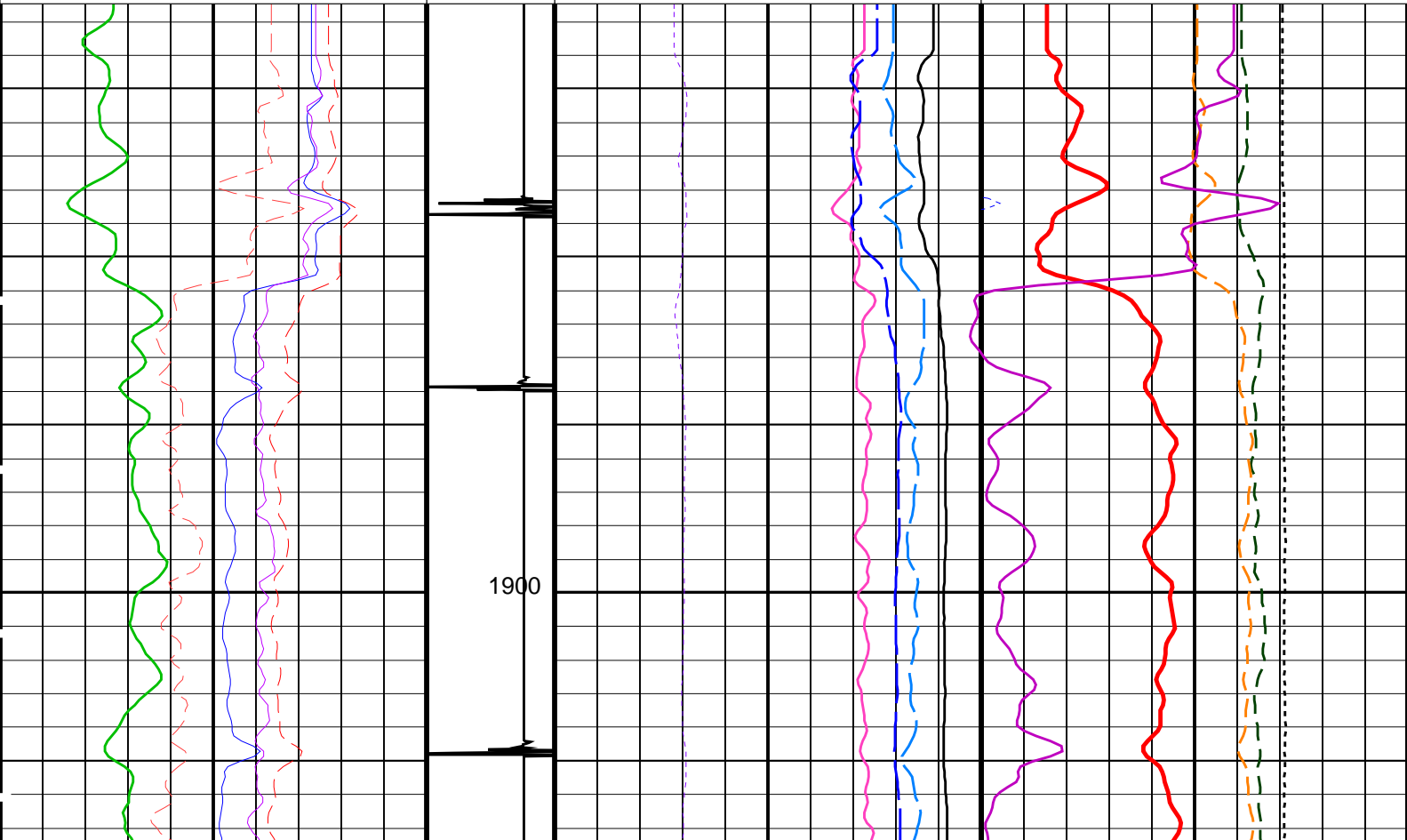
PSPT-B

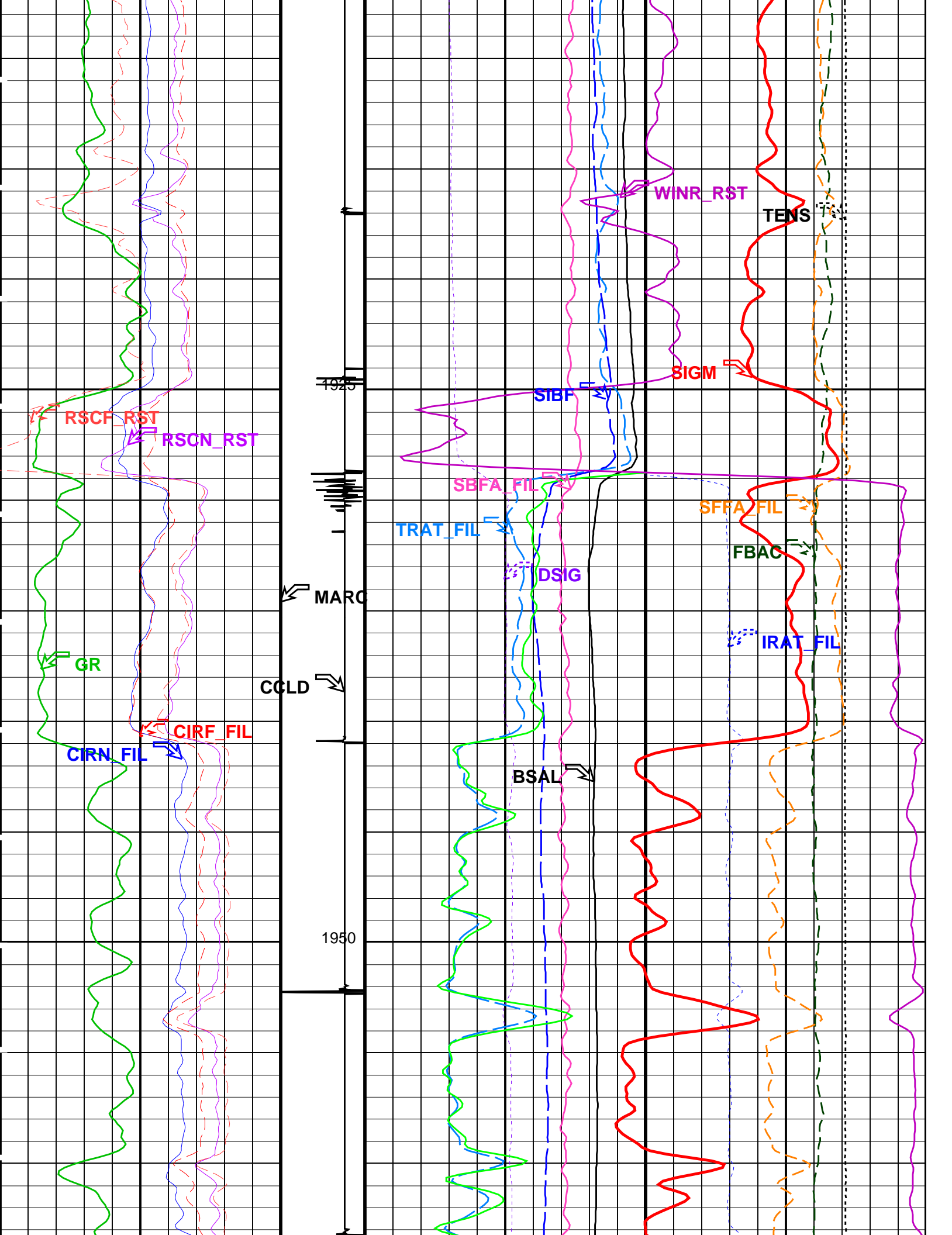
SRPC-3777-Q4_2008_OP16

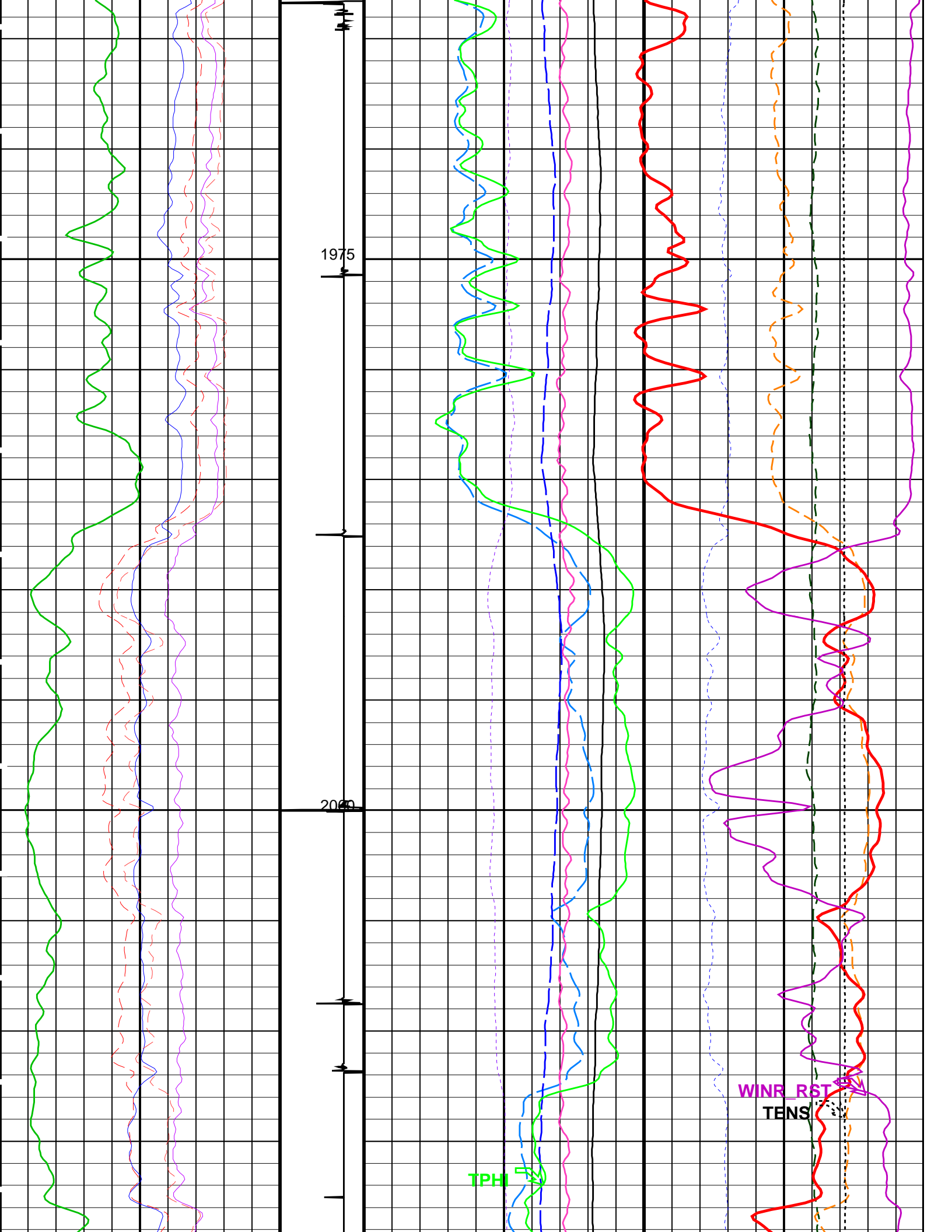
PIP SUMMARY

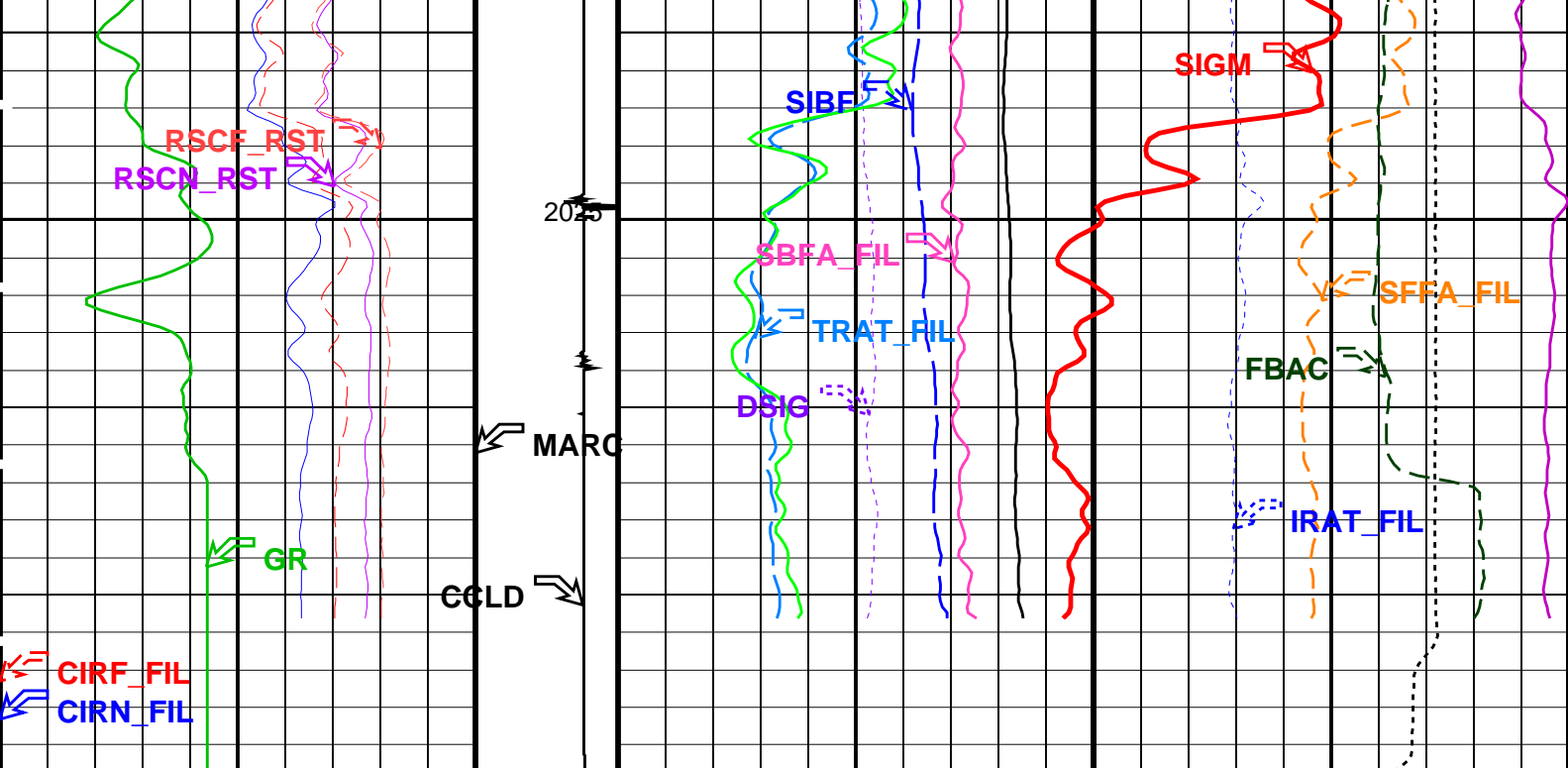
Time Mark Every 60 S

		RST Sigma (SIGM)			
		60 (CU) 0			
		RST Weighted Inelastic Ratio (WINR_RST)			
		2 (---- 0			
		RST Porosity (TPHI)			
0.6 (V/V) 0					
RST Sigma Borehole Fluid (SIBF)					
100 (CU) 0					
RST Far Effective Capture CR (RSCF_RST)	Minitron Arc Detection (MARC)	Sigma Borehole Far Apparent (SBFA_FIL)		Tension (TENS)	
45 (---- 0		150 (CU) 0		0 (LBF) 3000	
RST Near Effective Capture CR (RSCN_RST)		RST Capture Ratio (TRAT_FIL)		Sigma Formation Far Apparent (SFFA_FIL)	
45 (---- 0		1.5 (---- 0.5		60 (CU) 0	
RST Capture to Inelastic Ratio Far (CIRF_FIL)		RST Sigma Difference (DSIG)		MCS Far Background (filtered) (FBAC)	
5 (---- 0	0 (---- 5	-30 (CU) 30		0 (CPS) 5000	
RST Capture to Inelastic Ratio Near (CIRN_FIL)		RST Borehole Salinity (BSAL)		RST Inelastic Ratio (IRAT_FIL)	
2.5 (---- 0	Discriminat ed CCL (CCLD)	450 (PPK) -50		0.75 (---- 0	
Gamma Ray (GR)		3 (V) -1			
0 (GAPI) 150					









<div>Gamma Ray (GR) (GAPI)</div> <div>0150</div>	Discriminat ed CCL (CCLD) 3 (V) -1	<div>RST Borehole Salinity (BSAL) (PPK)</div> <div>450-50</div>	<div>RST Inelastic Ratio (IRAT_FIL) (-----)</div> <div>0.750</div>
<div>RST Capture to Inelastic Ratio Near (CIRN_FIL) (-----)</div> <div>2.50</div>	Minitron Arc Detection (MARC) 0 (----- 5	<div>RST Sigma Difference (DSIG) (CU)</div> <div>-3030</div>	<div>MCS Far Background (filtered) (FBAC) (CPS)</div> <div>05000</div>
<div>RST Capture to Inelastic Ratio Far (CIRF_FIL) (-----)</div> <div>50</div>		<div>RST Capture Ratio (TRAT_FIL) (-----)</div> <div>1.50.5</div>	<div>Sigma Formation Far Apparent (SFFA_ FIL) (CU)</div> <div>600</div>
<div>RST Near Effective Capture CR (RSCN_ RST)</div> <div>450</div>		<div>Sigma Borehole Far Apparent (SBFA_ FIL) (CU)</div> <div>1500</div>	<div>Tension (TENS) (LBF)</div> <div>03000</div>
<div>RST Far Effective Capture CR (RSCF_ RST)</div> <div>450</div>		<div>RST Sigma Borehole Fluid (SIBF) (CU)</div> <div>1000</div>	
		<div>RST Porosity (TPHI) (V/V)</div> <div>0.60</div>	
		<div>RST Weighted Inelastic Ratio (WINR_RST) (-----)</div> <div>20</div>	
		<div>RST Sigma (SIGM) (CU)</div> <div>600</div>	

PIP SUMMARY

Time Mark Every 60 S

Parameters		
DLIS Name	Description	Value
RST-C: Reservoir Saturation Pro Tool C		
AIRB	RST Air Borehole	No
BHS	Borehole Status	CASED
BSALOPT	RST Borehole Salinity Option	Unknown
BSFL	RST Borehole Salinity Filter Length	51
DFPC	RST Depth Filter Processing Constant	One
DFPC_TDTL	RST Depth Filter Processing Constant (TDT-like)	Two

MATR	Rock Matrix for Neutron Porosity Corrections	SANDSTONE	
NORM_IRAT_RST	RST Normalized Inelastic Ratio	0.48	
NORM_SIGM_RST	RST Normalized Sigma	30	CU
RGAI	Near/Far Gain Calibration Ratio	1	
TIER_SIGM	RST Sigma Acquisition Mode	0_RST_Sigma	
PSPT-B: Production Services Logging Platform			
BHS	Borehole Status	CASED	
MATR	Rock Matrix for Neutron Porosity Corrections	SANDSTONE	
System and Miscellaneous			
BS	Bit Size	12.250	IN
BSAL	Borehole Salinity	-50000.00	PPM
CSIZ	Current Casing Size	9.625	IN
CWEI	Casing Weight	40.00	LB/F

Format: RST_SIG_ANSW

Vertical Scale: 1:200

Graphics File Created: 19-Jun-2009 21:06

OP System Version: 16C0-147			
MCM			
RST-C	SRPC-3777-Q4_2008_OP16	PSPT-B	SRPC-3777-Q4_2008_OP16

Output DLIS Files			
DEFAULT	RST_PSP_029LUP	FN:28	PRODUCER 19-Jun-2009 21:06

Schlumberger

RST Static Pass

18-06-09

MAXIS Field Log

Company: Esso Australia Pty Ltd.

Well: A5

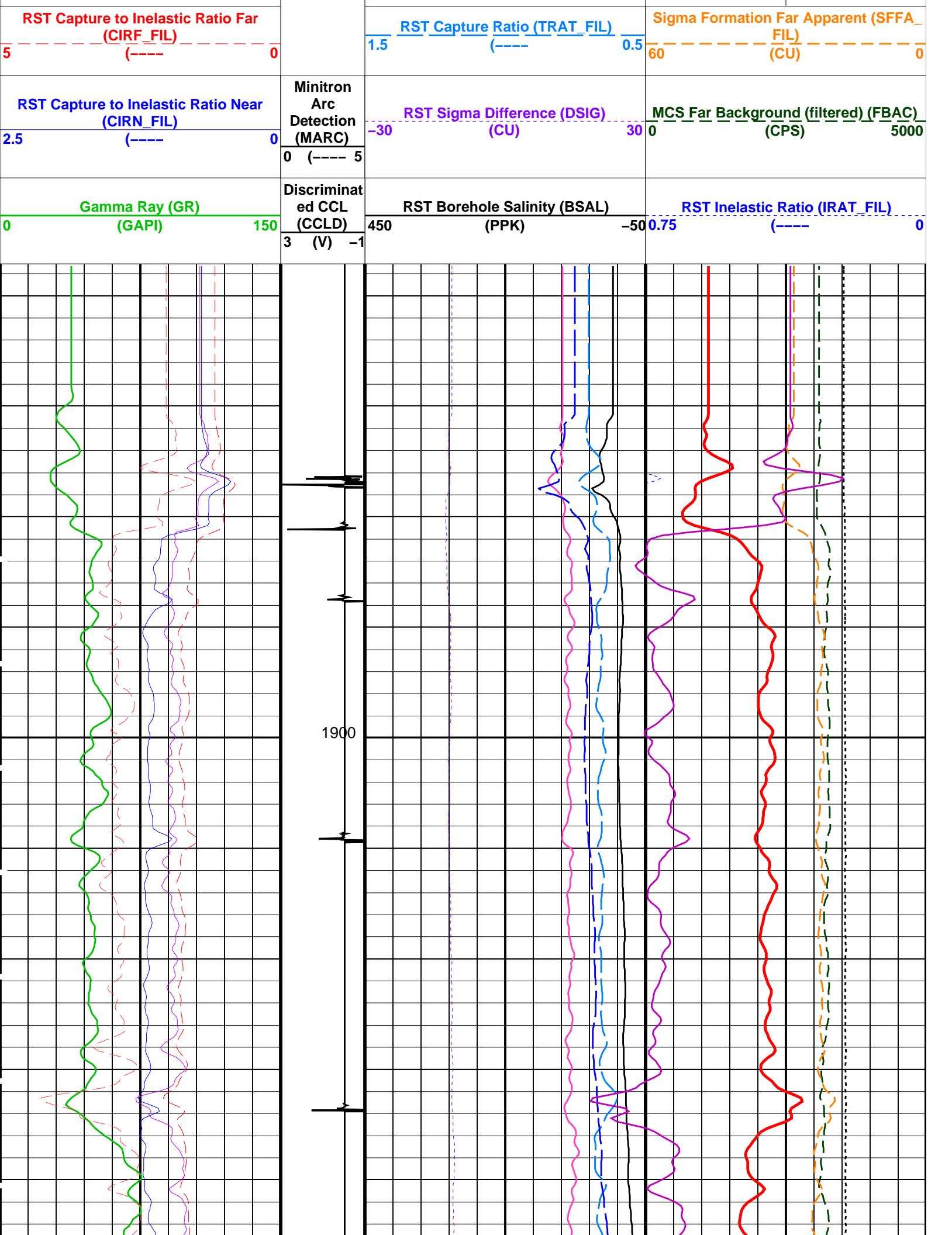
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DEFAULT	RST_PSP_015LUP	FN:14	PRODUCER	19-Jun-2009 01:45	2041.4 M 1883.7 M
Output DLIS Files					
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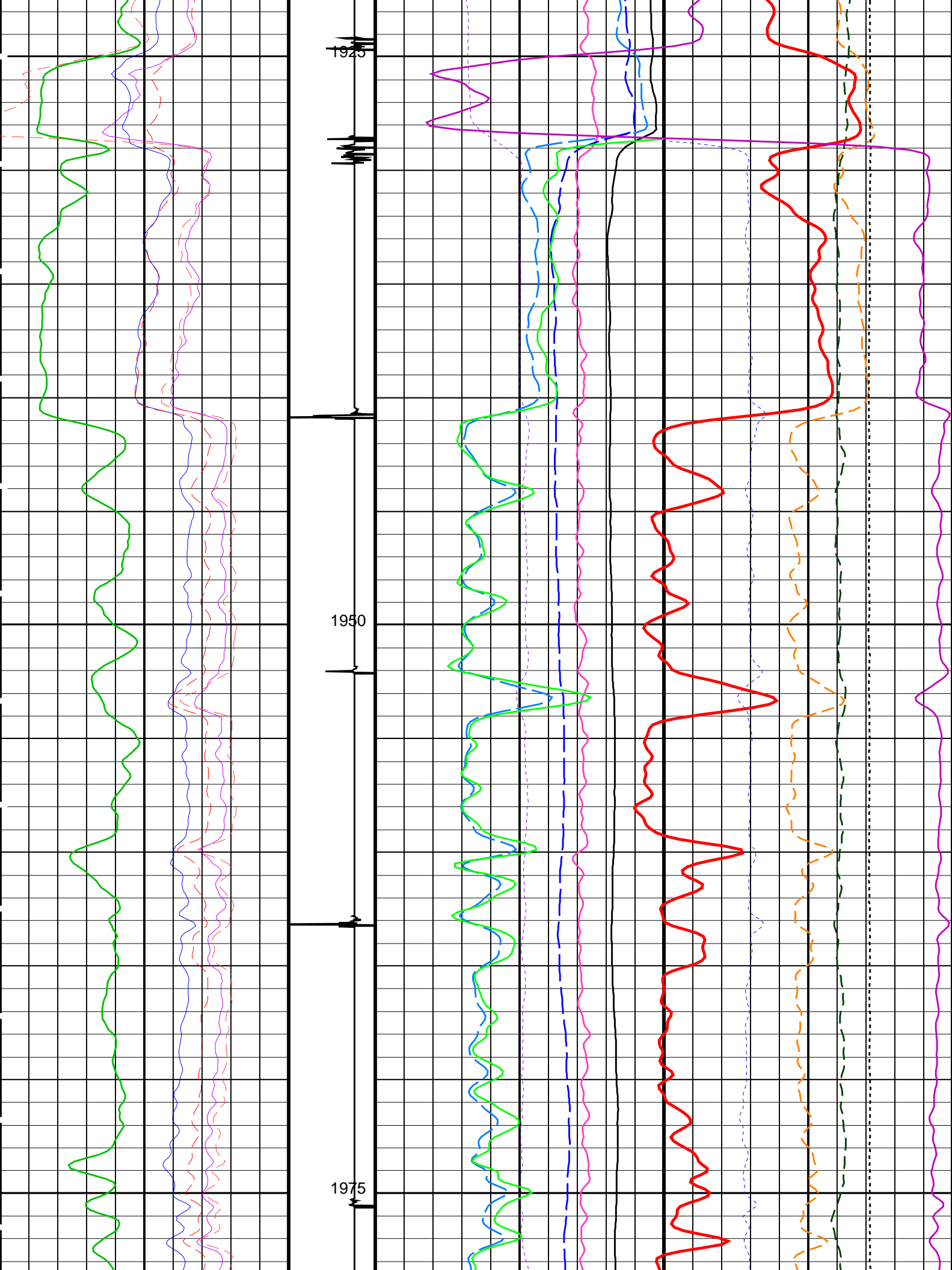
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MCM			
RST-C	SRPC-3777-Q4_2008_OP16	PSPT-B	SRPC-3777-Q4_2008_OP16

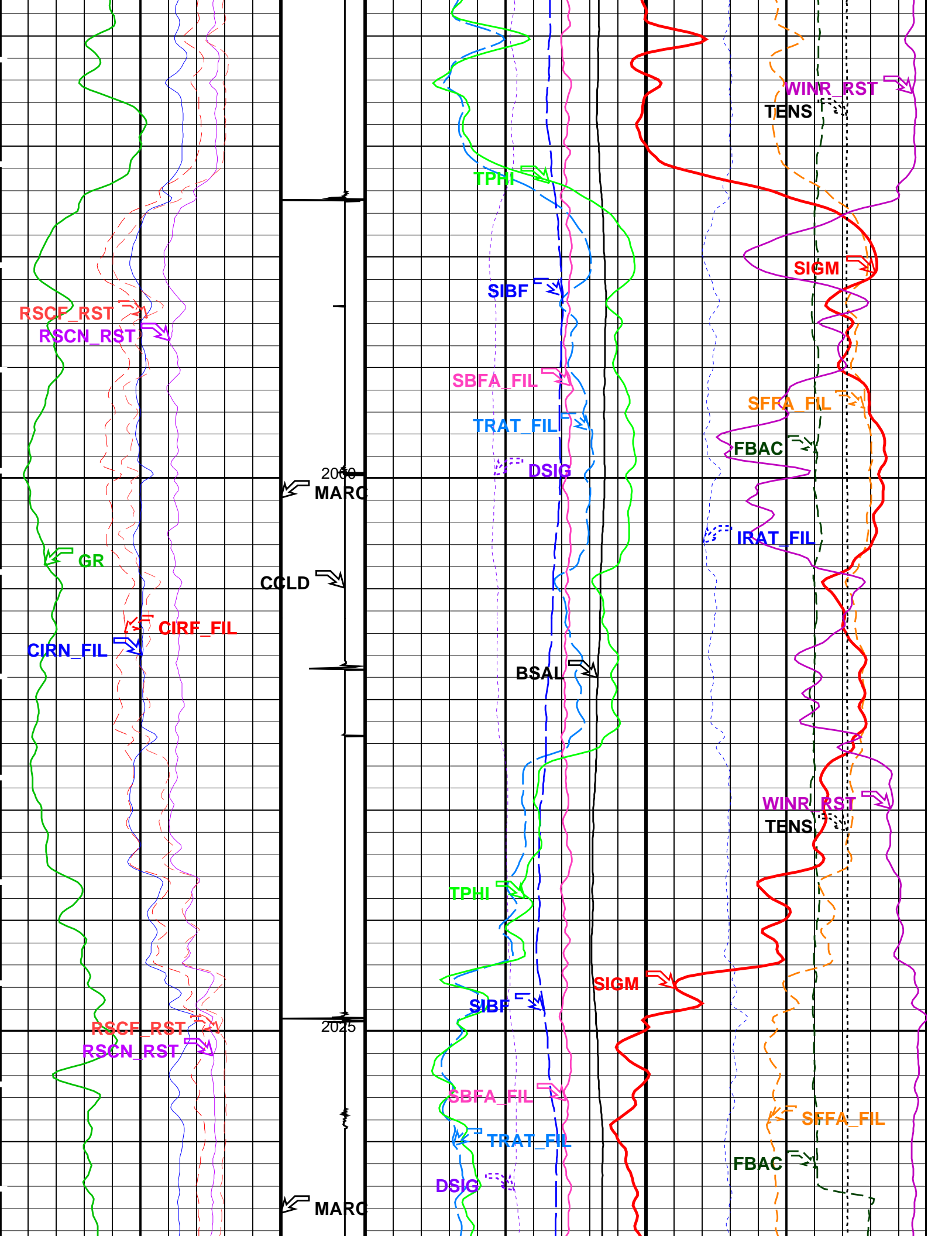
PIP SUMMARY

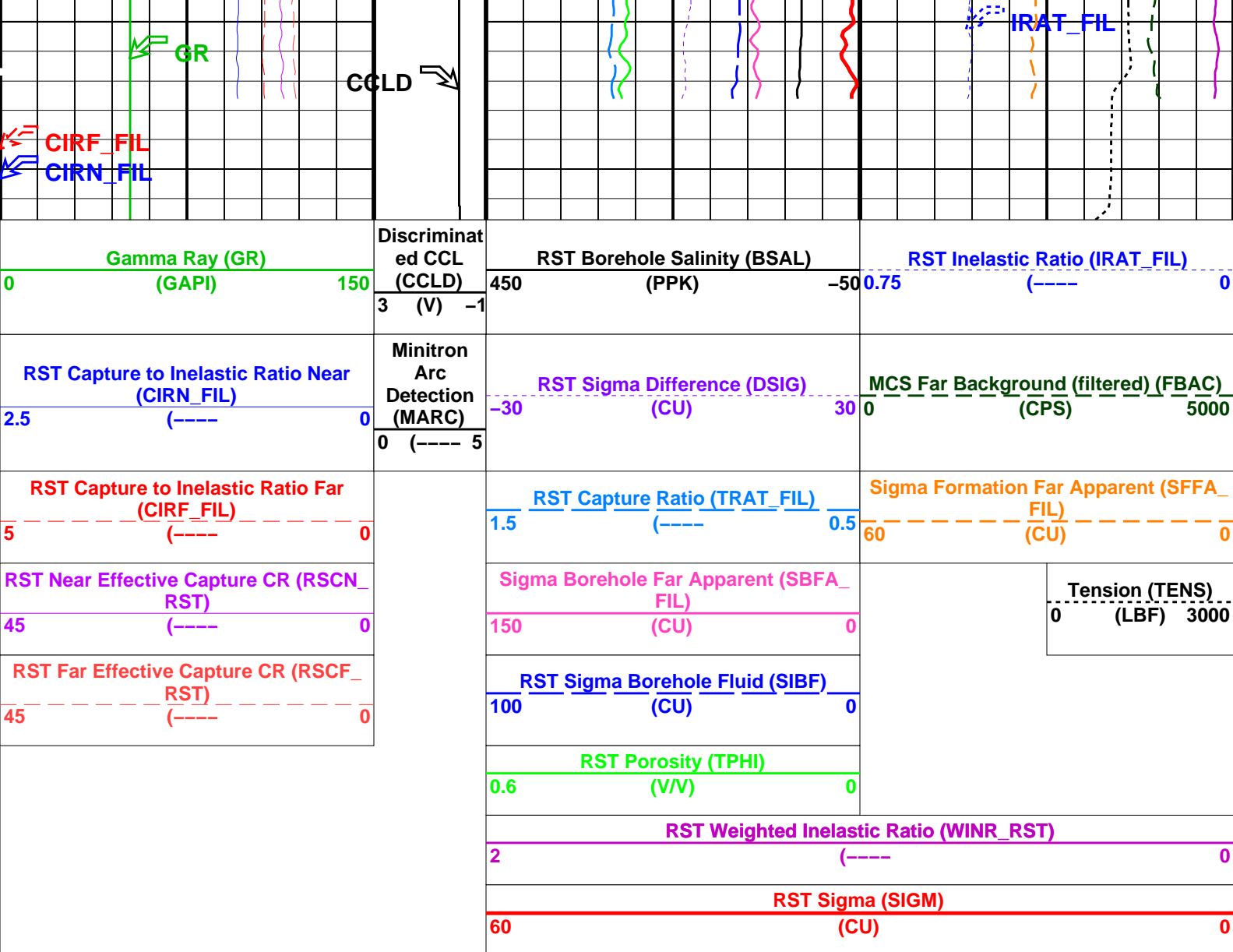
Time Mark Every 60 S

		RST Sigma (SIGM)	
		60 (CU)	0
		RST Weighted Inelastic Ratio (WINR_RST)	
		2 (----	0
		RST Porosity (TPHI)	
		0.6 (V/V)	0
RST Far Effective Capture CR (RSCF_RST)		RST Sigma Borehole Fluid (SIBF)	
		45 (----	0
RST Near Effective Capture CR (RSCN_RST)		Sigma Borehole Far Apparent (SBFA_FIL)	
		45 (----	0
		Tension (TENS)	
		0 (LBF)	3000









PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
RST-C: Reservoir Saturation Pro Tool C			
AIRB	RST Air Borehole	No	
BHS	Borehole Status	CASED	
BSALOPT	RST Borehole Salinity Option	Unknown	
BSFL	RST Borehole Salinity Filter Length	51	
DFPC	RST Depth Filter Processing Constant	One	
DFPC_TDTL	RST Depth Filter Processing Constant (TDT-like)	Two	
MATR	Rock Matrix for Neutron Porosity Corrections	SANDSTONE	
NORM_IRAT_RST	RST Normalized Inelastic Ratio	0.48	
NORM_SIGM_RST	RST Normalized Sigma	30	CU
RGAI	Near/Far Gain Calibration Ratio	1	
TIER_SIGM	RST Sigma Acquisition Mode	0_RST_Sigma	
PSPT-B: Production Services Logging Platform			
BHS	Borehole Status	CASED	
MATR	Rock Matrix for Neutron Porosity Corrections	SANDSTONE	
System and Miscellaneous			
BS	Bit Size	12.250	IN
BSAL	Borehole Salinity	-50000.00	PPM
CSIZ	Current Casing Size	9.625	IN
DO	Depth Offset for Playback	0.3	M
PP	Playback Processing	NORMAL	

Format: RST_SIG_ANSW

Vertical Scale: 1:200

Graphics File Created: 19-Jun-2009 03:05

OP System Version: 16C0-147

MCM

RST-C

SRPC-3777-Q4_2008_OP16

PSPT-B

SRPC-3777-Q4_2008_OP16

Input DLIS Files

DEFAULT

RST_PSP_015LUP

FN:14

PRODUCER

19-Jun-2009 01:45

2041.4 M

1883.7 M

Output DLIS Files

DEFAULT

RST_PSP_020PUP

FN:19

PRODUCER

19-Jun-2009 03:05

Schlumberger

GR Background Pass

MAXIS Field Log

Company: Esso Australia Pty Ltd.

Well: A5

Output DLIS Files

DEFAULT

RST_PSP_014LUP

FN:13

PRODUCER

19-Jun-2009 01:21

2039.3 M

1871.5 M

OP System Version: 16C0-147

MCM

RST-C

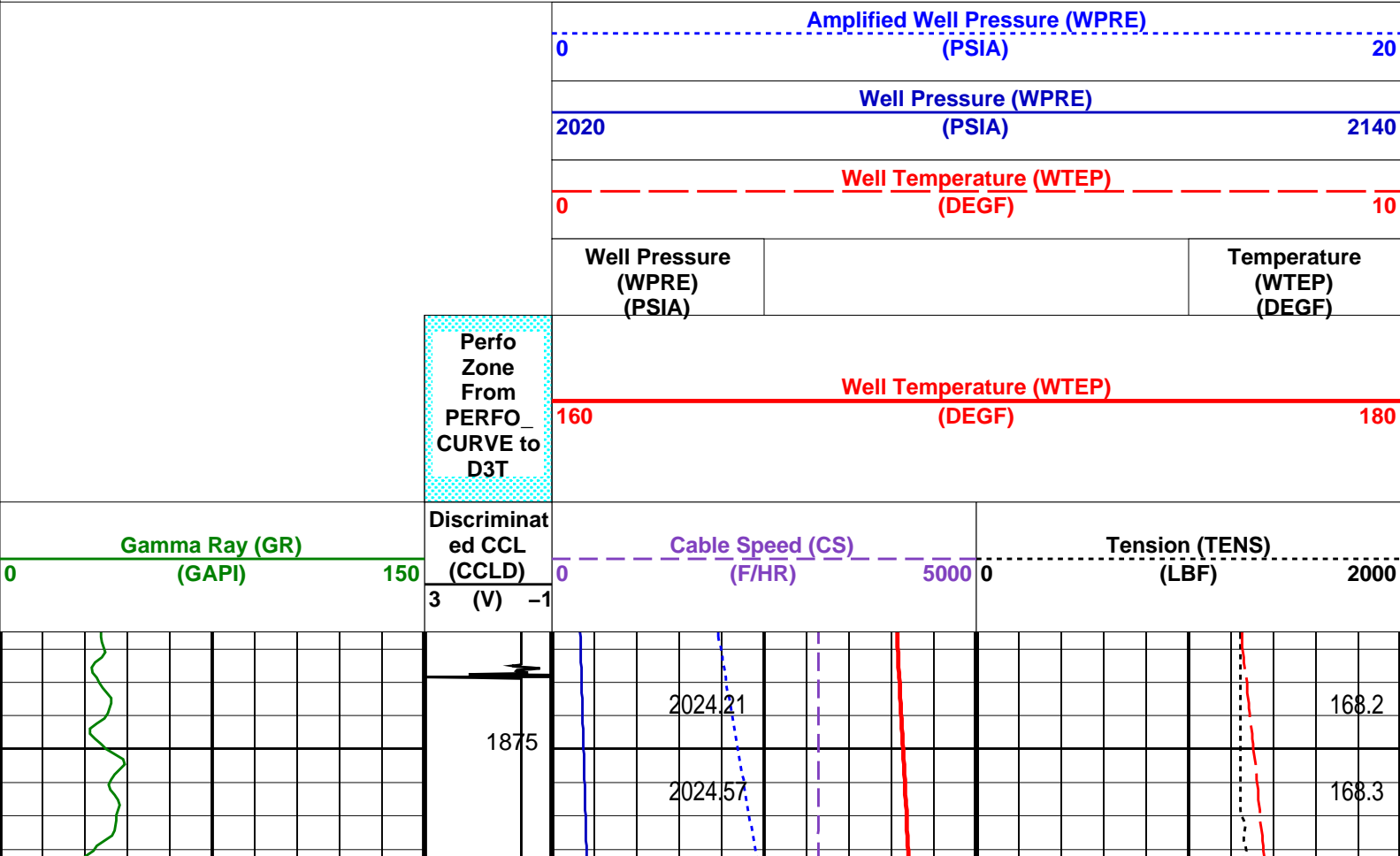
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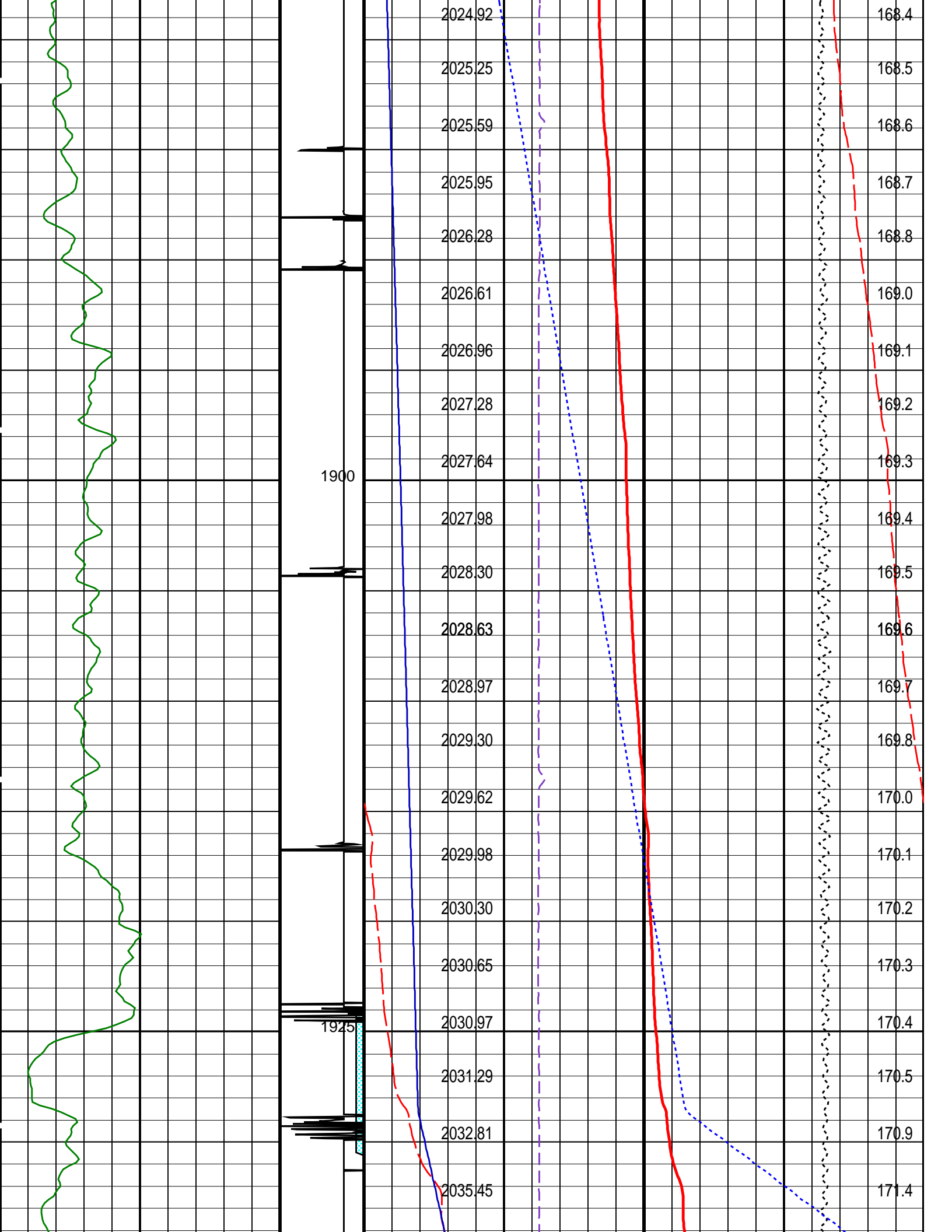
PSPT-B

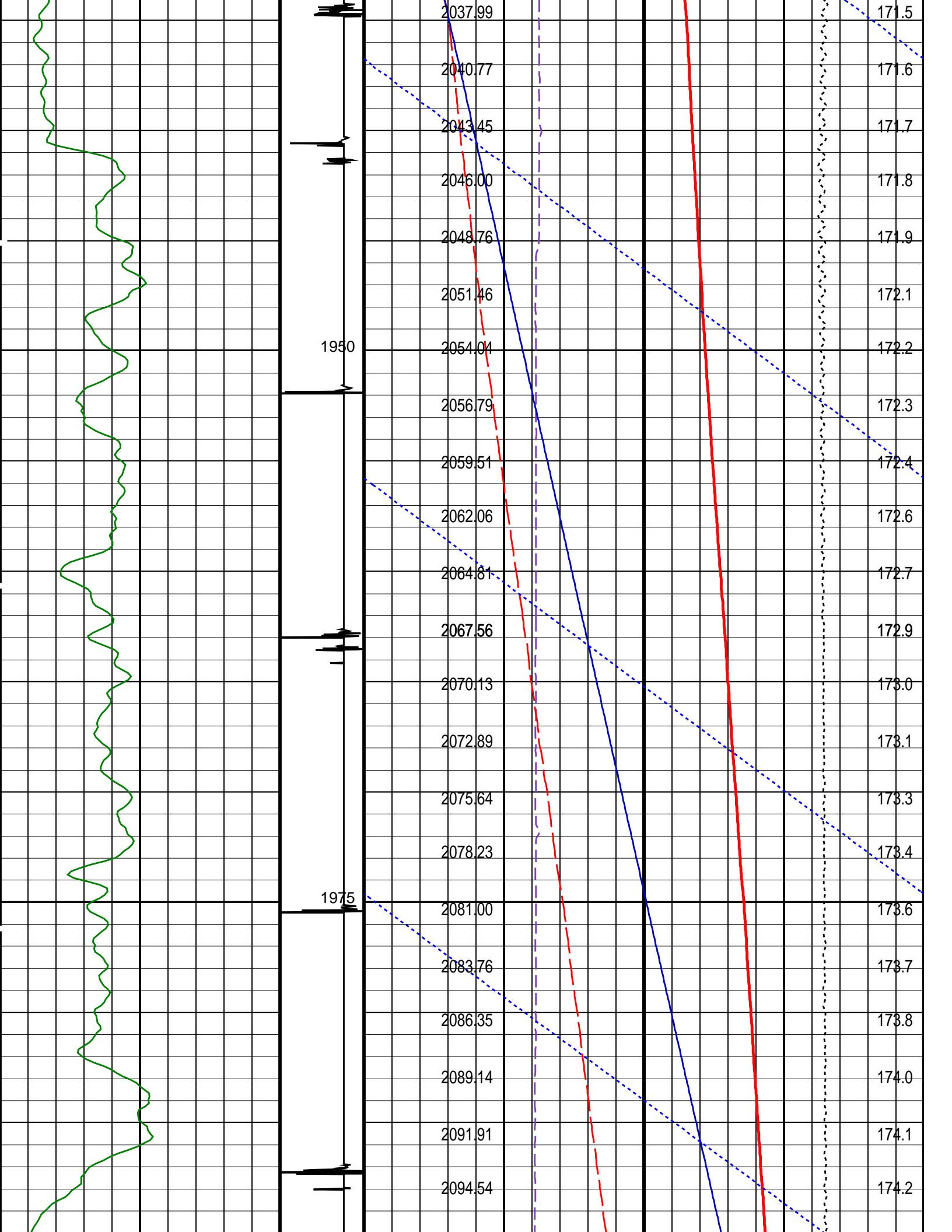
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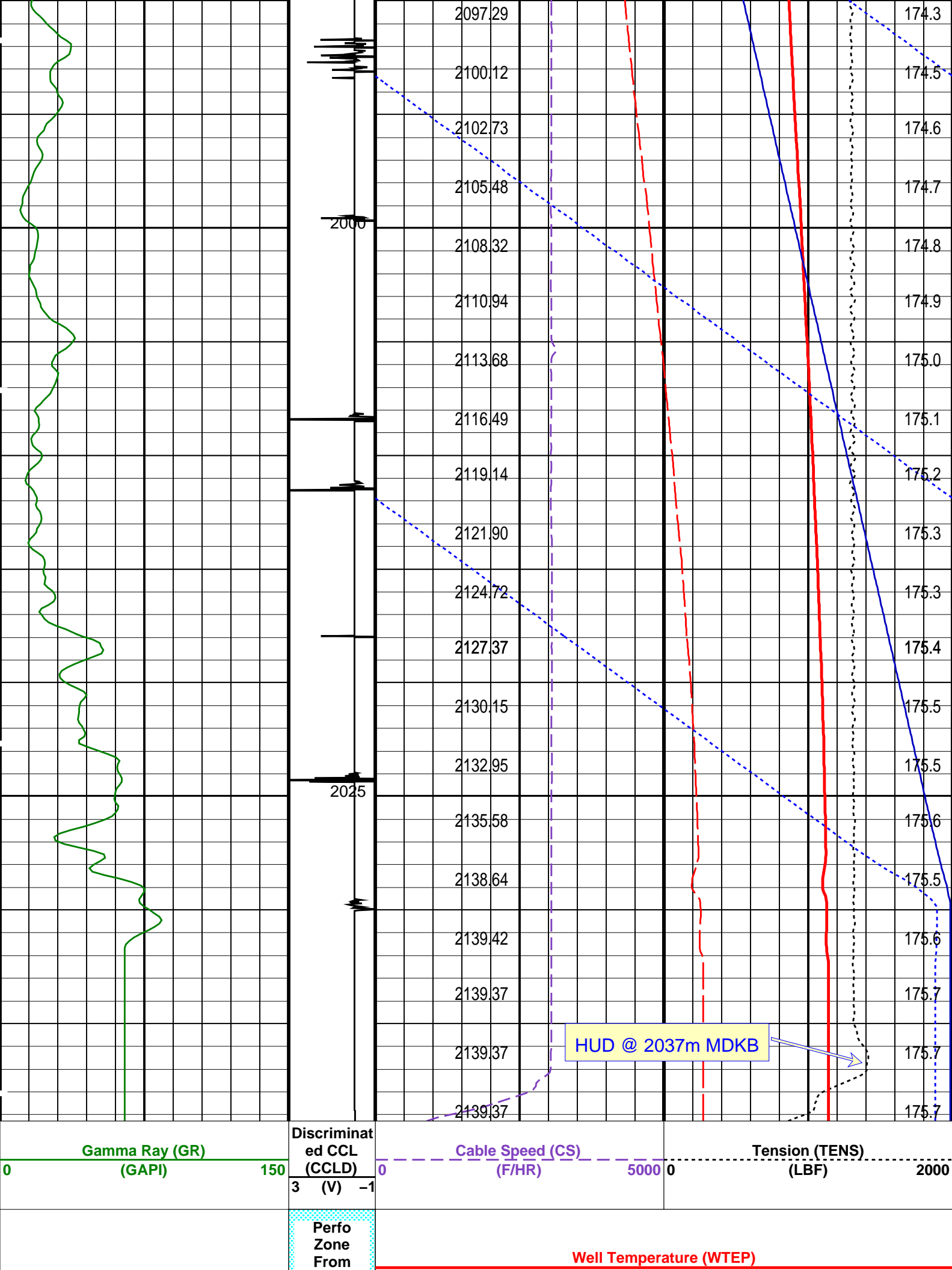
PIP SUMMARY

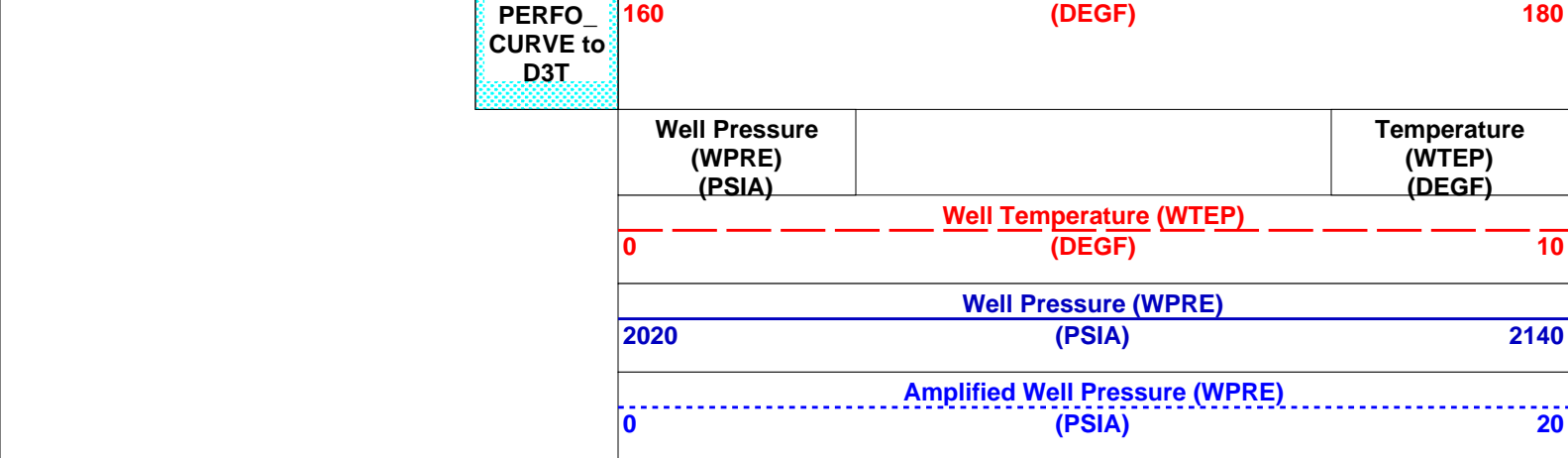
Time Mark Every 60 S











PIP SUMMARY			
Time Mark Every 60 S			
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Graphics File Created: 19-Jun-2009 01:21			
OP System Version: 16C0-147			
MCM			
RST-C	SRPC-3777-Q4_2008_OP16	PSPT-B	SRPC-3777-Q4_2008_OP16
Output DLIS Files			
DEFAULT	RST_PSP_014LUP	FN:13	PRODUCER 19-Jun-2009 01:21

Company: **Esso Australia Pty Ltd.**

Schlumberger

Well: **A5**

Field: **Marlin**

Rig: **Crane / Prod 4**

Country: **Australia**

RST-C Sigma Survey