Schlumberger

Company: **Esso Australia Pty Ltd.**

Well: **A−5B**
Field: **Halibut**
Rig: **Crane** Country: **Australia**

RST−C
Sigma
Survey

Rig: Crane
Field: Halibut
Location: Gippsland
Well: A−5B
Company: Esso Australia Pty Ltd.

LOCATION

Gippsland Basin Bass Strait		Elev.: K.B.	29.45 m
		G.L.	−73 m
		D.F.	29.45 m
Permanent Datum:	M.S.L	Elev.:	0 m
Log Measured From:	K.B	29.5 m	above Perm. Datum
Drilling Measured From:	K.B		

State:	Max. Well Deviation	Longitude	Latitude
Victoria	42 deg	148*19' 07.62"E	38*24' 20.36"S

	Run 1
PVT DATA: Oil Density	
PVT DATA: Water Salinity	
PVT DATA: Gas Gravity	
PVT DATA: Bo	
PVT DATA: Bw	
PVT DATA: 1/Bg	
PVT DATA: Bubble Point Pressure	
PVT DATA: Bubble Point Temperature	
Solution GOR	
Maximum Deviation	42 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		6−Jan−2008			Logging Date
Run Number		One			Run Number
Depth Driller		2915 m			Depth Driller
Schlumberger Depth		2913 m			Schlumberger Depth
Bottom Log Interval		2913 m			Bottom Log Interval
Top Log Interval		2840 m			Top Log Interval
Casing Fluid Type		Production Fluids			Casing Fluid Type
Salinity					Salinity
Density					Density
Fluid Level		500 m			Fluid Level
BIT/CASING/TUBING STRING					BIT/CASING/TUBING STRING
Bit Size		8.500 in			Bit Size
From		567 m			From
To		3004 m			To
Casing/Tubing Size		7.000 in			Casing/Tubing Size
Weight		26 lbm/ft			Weight
Grade		L−80			Grade
From		12.37 m			From
To		2998 m			To
Maximum Recorded Temperatures		109 degC			Maximum Recorded Temperatures
Logger On Bottom	Time	6−Jan−2008	7:25		Logger On Bottom Time
Unit Number	Location	889	Prod 4 / AUSL		Unit Number Location
Recorded By		G. Wright, R. Sani			Recorded By
Witnessed By		B. White			Witnessed By

DEPTH SUMMARY LISTING

Date Created: 5−JAN−2008 7:49:07

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:	04−Jan−2007	Calibration Date:	26−Dec−2007	Length:	5584.85 M
Calibrator Serial Number:	9	Calibrator Serial Number:	1174		
Calibration Cable Type:	2−32ZT	Calibration Gain:	0.88	Conveyance Method:	Wireline
Wheel Correction 1:	−2	Calibration Offset:	176.00	Rig Type:	Rigless
Wheel Correction 2:	−4				

Depth Control Parameters

Log Sequence: Subsequent Trip To the Well

Reference Log Name: ExxonMobil Petrophysical Analysis

Depth Control Remarks

1. IDW used as primary depth control.
2. Z−Chart used as back−up
3.
4.
5.
6.

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

OS2:

OS3:

OS4:

OS5:

REMARKS: RUN NUMBER 1

Log correlated to Solar Composite log supplied with logging program.

Maximum well deviation = 42 deg @ 1119m MDKB.

RST−C Sigma Survey with the well shut−in at 900ft/hr.

SBHT = 228.6 degF

SBHP = 3223 psia

Well was flowed at approximately 418kl/day at 95% water cut.

RST−C Sigma Survey with the well flowing at 900ft/hr.

FBHP = 3104 psia

FBHT = 223.7 degF

Anomaly of GR curve due to tool activation at 2893m MDKB.

J. Light, C. Harris

RUN 1

SERVICE ORDER #:	AUSL083589232
PROGRAM VERSION:	14C0−302
FLUID LEVEL:	500 m

LOGGED INTERVAL	START	STOP

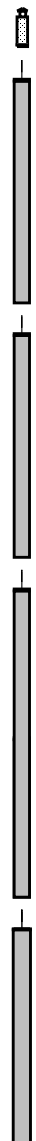
EQUIPMENT DESCRIPTION

RUN 1 RUN 2

SURFACE EQUIPMENT

WITM−A
PSC_16MHZ

DOWNHOLE EQUIPMENT



MH−SWHS 726 — 13.53
MH−SWHS 726

EQF−43 — 13.20
EQF−43 6001

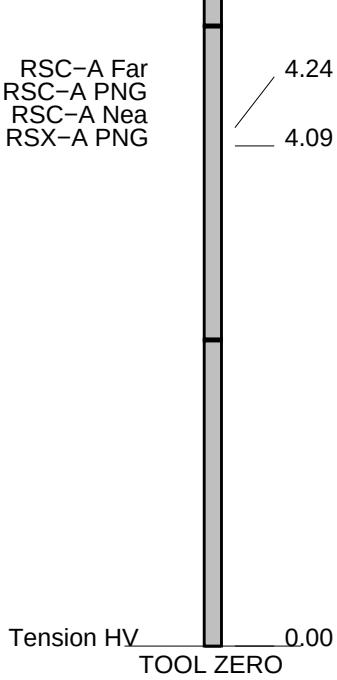
EQF−43 — 11.37
EQF−43

Detail MT
TelStatus
CTEM — 9.54

PSPT−A/B — 9.54
PSC−A
PSPT−B 818
PSTC 819
PBMS−B 818
CQG_F_Mano 818
RTD_Thermometer 818
GR 33066
CCL
PBMS

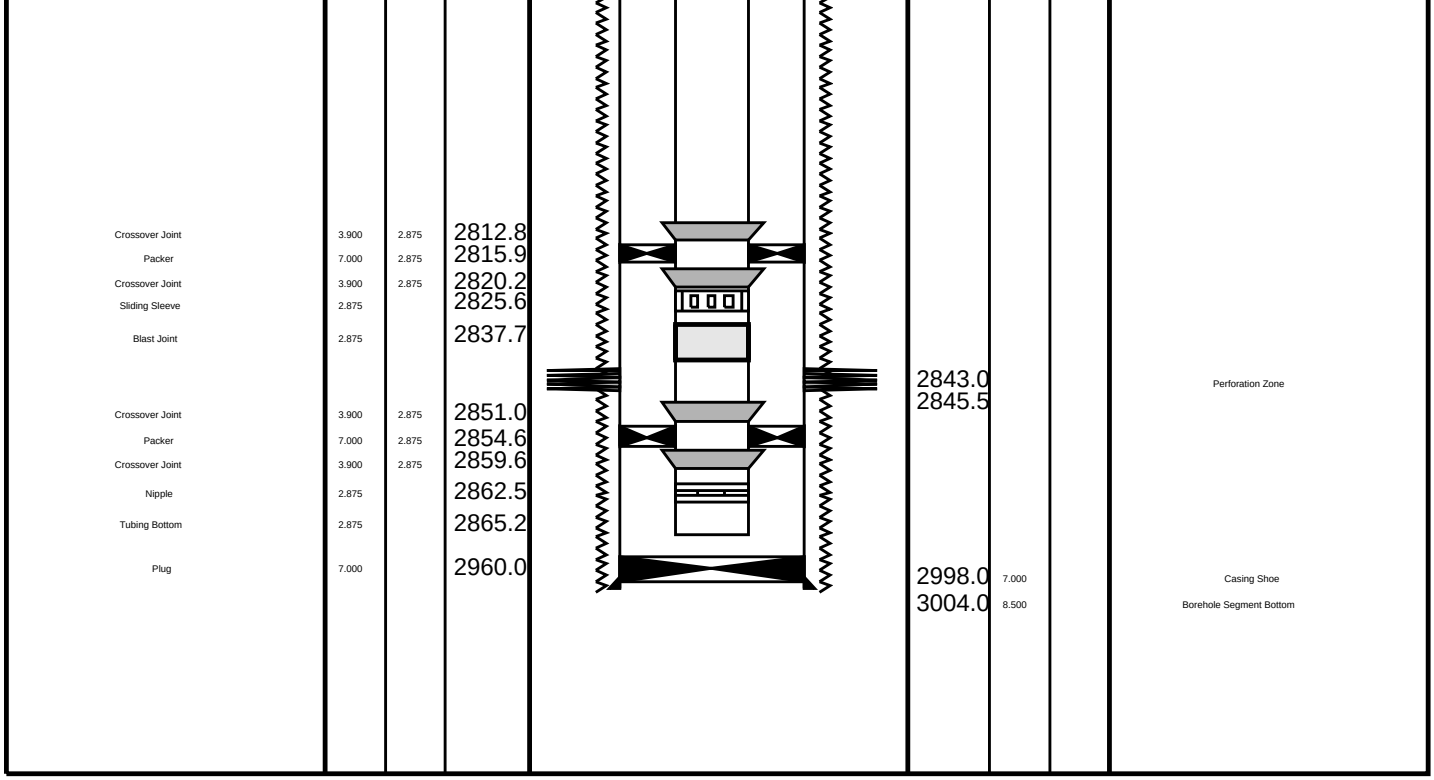
GR — 8.41
Well_Temp — 7.48
CQG Manom — 7.37
CCL — 7.25
PBMS PSTC — 7.02

RST−C — 7.02
RSCH−A 111
RSC−CA 132
RSS−A 106
RSXH−A 145
RSX−CA 132



MAXIMUM STRING DIAMETER 1.72 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 Hanger	6.995	2.950	12.1		0.0	10.750		Casing String
Tubing	2.875		12.1		12.4	7.000		Casing String
SSSV	2.875		143.2		12.4	10.750	7.000	Liner Hanger
					552.1	10.750		Casing Shoe
					567.0	8.500		Borehole Segment
Mandrel − Side Pocket	2.875		718.5					
Mandrel − Side Pocket	2.875		1062.6					
Mandrel − Side Pocket	2.875		1598.8					
Mandrel − Side Pocket	2.875		1894.9					



Schlumberger

Job Events Summary

MAXIS Field Log

Schlumberger Job Event Summary

	Time	Elapsed Time	Depth (M)		File
Log Pass (down)	6−Jan−2008 6:52	000:29	−4.9 −	2922.4	RST_PSP_019LDP
Log Pass (up)	6−Jan−2008 7:23	000:11	2926.4 −	2828.4	RST_PSP_020LUP
Log Pass (up)	6−Jan−2008 7:49	000:18	2917.1 −	2830.7	RST_PSP_021LUP
Station Log	6−Jan−2008 8:17	001:28	2907.3 −	13.4	RST_PSP_022LTP
Log Pass (up)	6−Jan−2008 9:52	000:04	2914.5 −	2907.5	RST_PSP_023LUP
Log Pass (up)	6−Jan−2008 10:55	000:15	2913.1 −	2826.1	RST_PSP_024LUP
Log Pass (up)	6−Jan−2008 11:14	000:45	2816.4 −	−8.7	RST_PSP_025LUP

Schlumberger

RST−C Sigma Flowing
Pass #2 @ 900 ft/hr

MAXIS Field Log

Company: Esso Australia Pty Ltd. **Well: A5B**

Input DLIS Files

DEFAULT	RST_PSP_024LUP	FN:23	PRODUCER	06−Jan−2008 10:55	2913.1 M	2826.1 M

Output DLIS Files

DEFAULT	RST_PSP_026PUP	FN:25	PRODUCER	06−Jan−2008 12:10	2912.8 M	2820.8 M

OP System Version: 14C0−302

MCM

RST−C	14C0−302	PSPT−A/B	14C0−302

PIP SUMMARY

Time Mark Every 60 S

RST Sigma (SIGM) 60 (CU) 0

RST Weighted Inelastic Ratio (WINR_RST) 0.4 (−−−− 0

RST Porosity (TPHI) 0.6 (V/V) 0

RST Far Effective Capture CR (RSCF_RST) 45 (−−−− 0

RST Sigma Borehole Fluid (SIBF) 100 (CU) 0

RST Near Effective Capture CR (RSCN_RST) 45 (−−−− 0

Sigma Borehole Far Apparent (SBFA_FIL) 150 (CU) 0

Tension (TENS) 0 (LBF) 3000

RST Capture to Inelastic Ratio Far (CIRF_FIL) 5 (−−−− 0

RST Capture Ratio (TRAT_FIL) 1.5 (−−−− 0.5

Sigma Formation Far Apparent (SFFA_FIL) 60 (CU) 0

RST Capture to Inelastic Ratio Near (CIRN_FIL) 2.5 (−−−− 0

Minitron Arc Detection (MARC) 0 (−−−− 5

RST Sigma Difference (DSIG) −30 (CU) 30

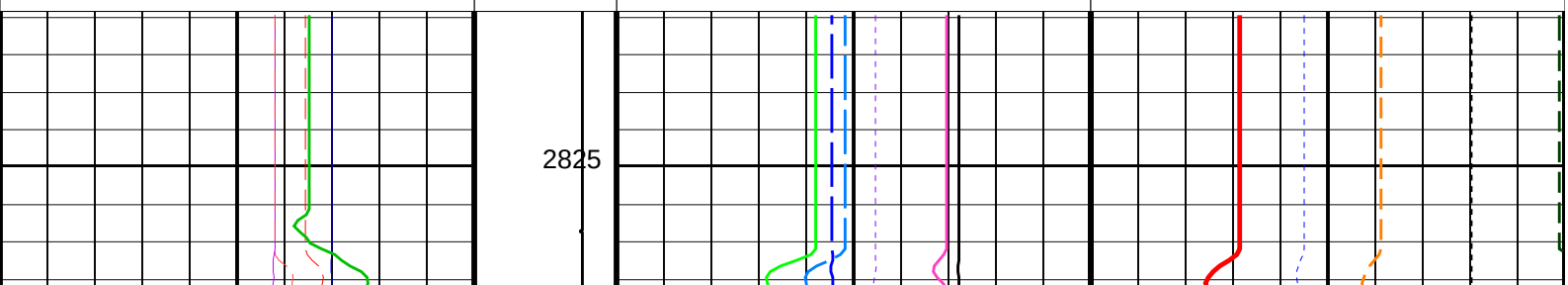
MCS Far Background (filtered) (FBAC) 0 (CPS) 5000

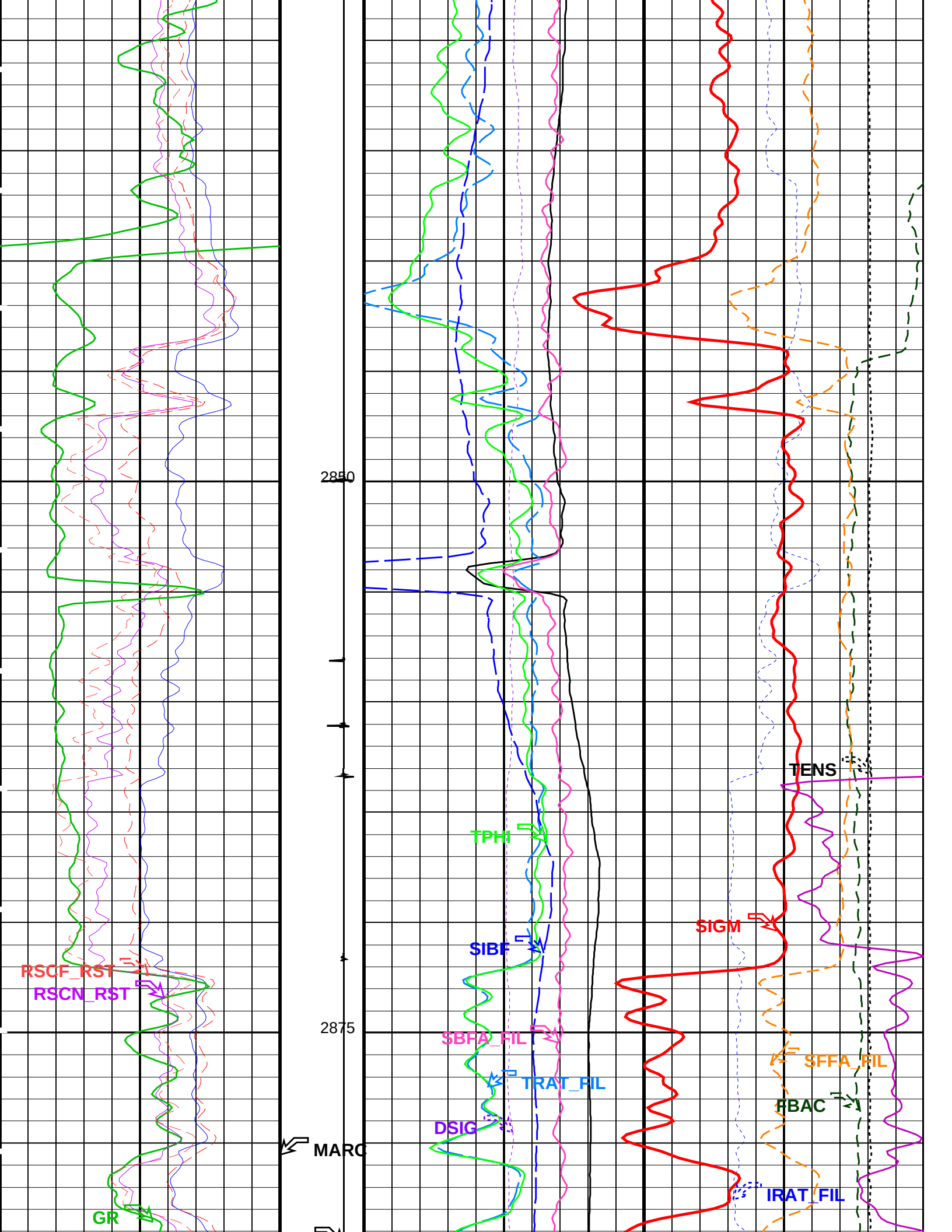
Gamma Ray (GR) 0 (GAPI) 150

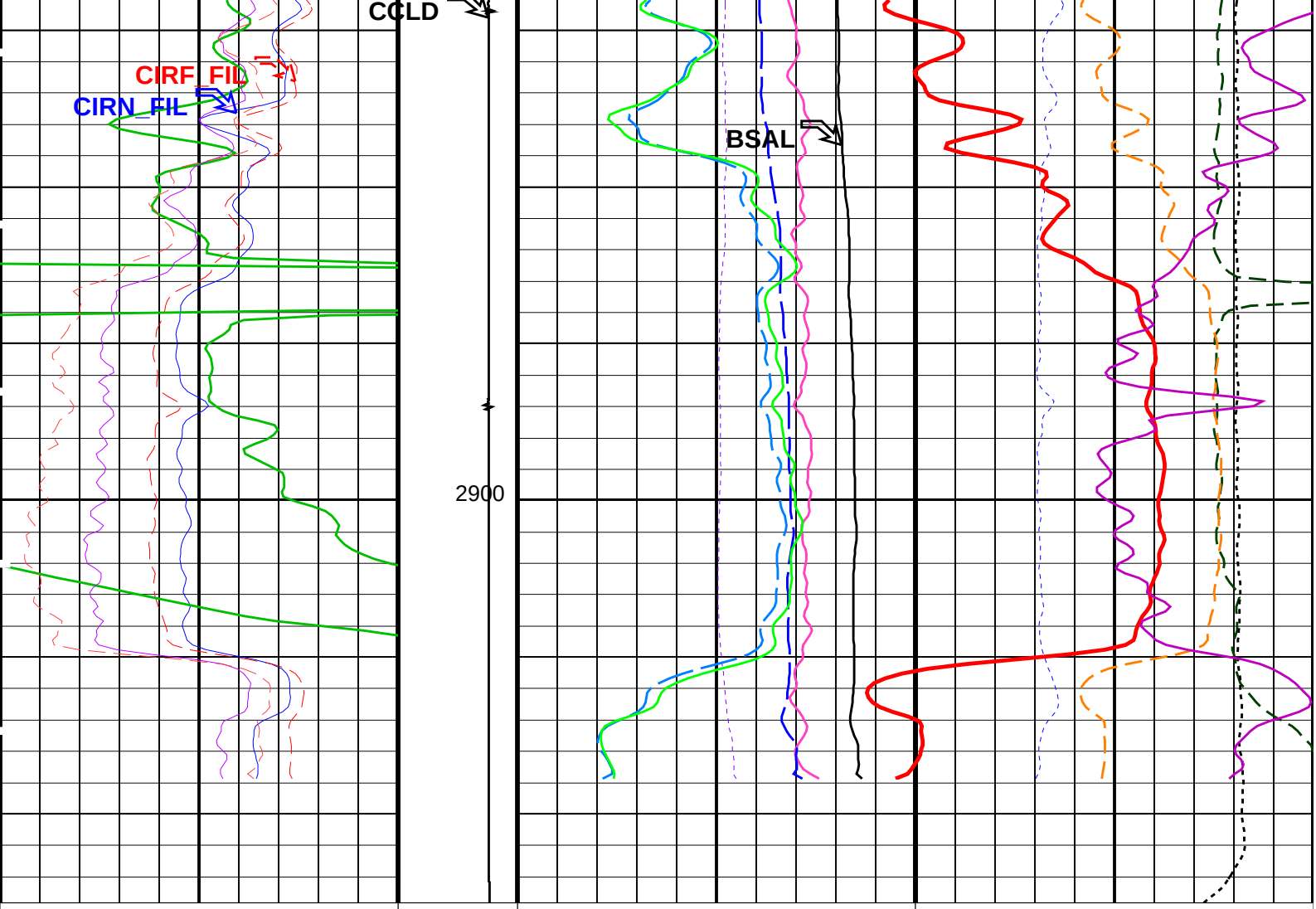
Discriminated CCL (CCLD) 3 (V) −1

RST Borehole Salinity (BSAL) 450 (PPK) −50

RST Inelastic Ratio (IRAT_FIL) 0.75 (−−−− 0




2850
2875
MARC
TENS
TPHI
SIBF
SIGM
RSCF_RST
RSCN_RST
SBFA_FIL
SFFA_FIL
TRAT_FIL
FBAC
DSIG
IRAT_FIL
GR



Gamma Ray (GR) 0 (GAPI) 150	Discriminated CCL (CCLD) 3 (V) −1	RST Borehole Salinity (BSAL) 450 (PPK) −50
RST Capture to Inelastic Ratio Near (CIRN_FIL) 2.5 (---- 0	Minitron Arc Detection (MARC) 0 (---- 5	RST Sigma Difference (DSIG) −30 (CU) 30
RST Capture to Inelastic Ratio Far (CIRF_FIL) 5 (---- 0		RST Capture Ratio (TRAT_FIL) 1.5 (---- 0.5
RST Near Effective Capture CR (RSCN_RST) 45 (---- 0		Sigma Borehole Far Apparent (SBFA_FIL) 150 (CU) 0
RST Far Effective Capture CR (RSCF_RST) 45 (---- 0		RST Sigma Borehole Fluid (SIBF) 100 (CU) 0
		RST Porosity (TPHI) 0.6 (V/V) 0
		RST Weighted Inelastic Ratio (WINR_RST) 0.4 (---- 0
		RST Sigma (SIGM) 60 (CU) 0

RST Inelastic Ratio (IRAT_FIL) 0.75 (---- 0	MCS Far Background (filtered) (FBAC) 0 (CPS) 5000	
Sigma Formation Far Apparent (SFFA_FIL) 60 (CU) 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	
SMBMO	RST Sigma Mode Background Minitron Off	No	
TIER_SIGM	RST Sigma Acquisition Mode	0_RST_Sigma	
	PSPT−A/B: Production Services Logging Platform		
BHS	Borehole Status	CASED	
MATR	Rock Matrix for Neutron Porosity Corrections	SANDSTONE	
	System and Miscellaneous		
BS	Bit Size	8.500	IN
BSAL	Borehole Salinity	−50000.00	PPM
CSIZ	Current Casing Size	7.000	IN
CWEI	Casing Weight	26.00	LB/F
DO	Depth Offset for Playback	−0.3	M
PP	Playback Processing	NORMAL	

Format: RST_SIG_ANSW **Vertical Scale: 1:200** **Graphics File Created: 06−Jan−2008 12:10**

OP System Version: 14C0−302

MCM

RST−C	**14C0−302**	**PSPT−A/B**	**14C0−302**

Input DLIS Files

DEFAULT	**RST_PSP_024LUP**	**FN:23**	**PRODUCER**	**06−Jan−2008 10:55**	**2913.1 M**	**2826.1 M**

Output DLIS Files

DEFAULT	**RST_PSP_026PUP**	**FN:25**	**PRODUCER**	**06−Jan−2008 12:10**		

Schlumberger

Temperature Log
Flowing Survey

MAXIS Field Log

Company: Esso Australia Pty Ltd. **Well: A5B**

Input DLIS Files

DEFAULT	**RST_PSP_024LUP**	**FN:23**	**PRODUCER**	**06−Jan−2008 10:55**	**2913.1 M**	**2826.1 M**

Output DLIS Files

DEFAULT	**RST_PSP_026PUP**	**FN:25**	**PRODUCER**	**06−Jan−2008 12:10**	**2912.8 M**	**2820.8 M**

OP System Version: 14C0−302

MCM

RST−C	**14C0−302**	**PSPT−A/B**	**14C0−302**

PIP SUMMARY

Time Mark Every 60 S

Time Mark Every 60 S

Amplified Well Pressure (WPRE)
0 (PSIA) 20

Well Pressure (WPRE)
3100 (PSIA) 3300

Well Pressure (WPRE) (PSIA) | Temperature (WTEP) (DEGF)

Perfo Zone From PERFO_ CURVE to D3T

Well Temperature (WTEP)
0 (DEGF) 2

Well Temperature Gradient (WTGR)
0 (DC/M) 10

Computed CCL (CCLC)
1 (V) −3

Well Temperature (WTEP)
225 (DEGF) 230

Gamma Ray (GR)
0 (GAPI) 150

Discriminated CCL (CCLD)
3 (V) −1

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

Tension (TENS)
0 (LBF) 2000

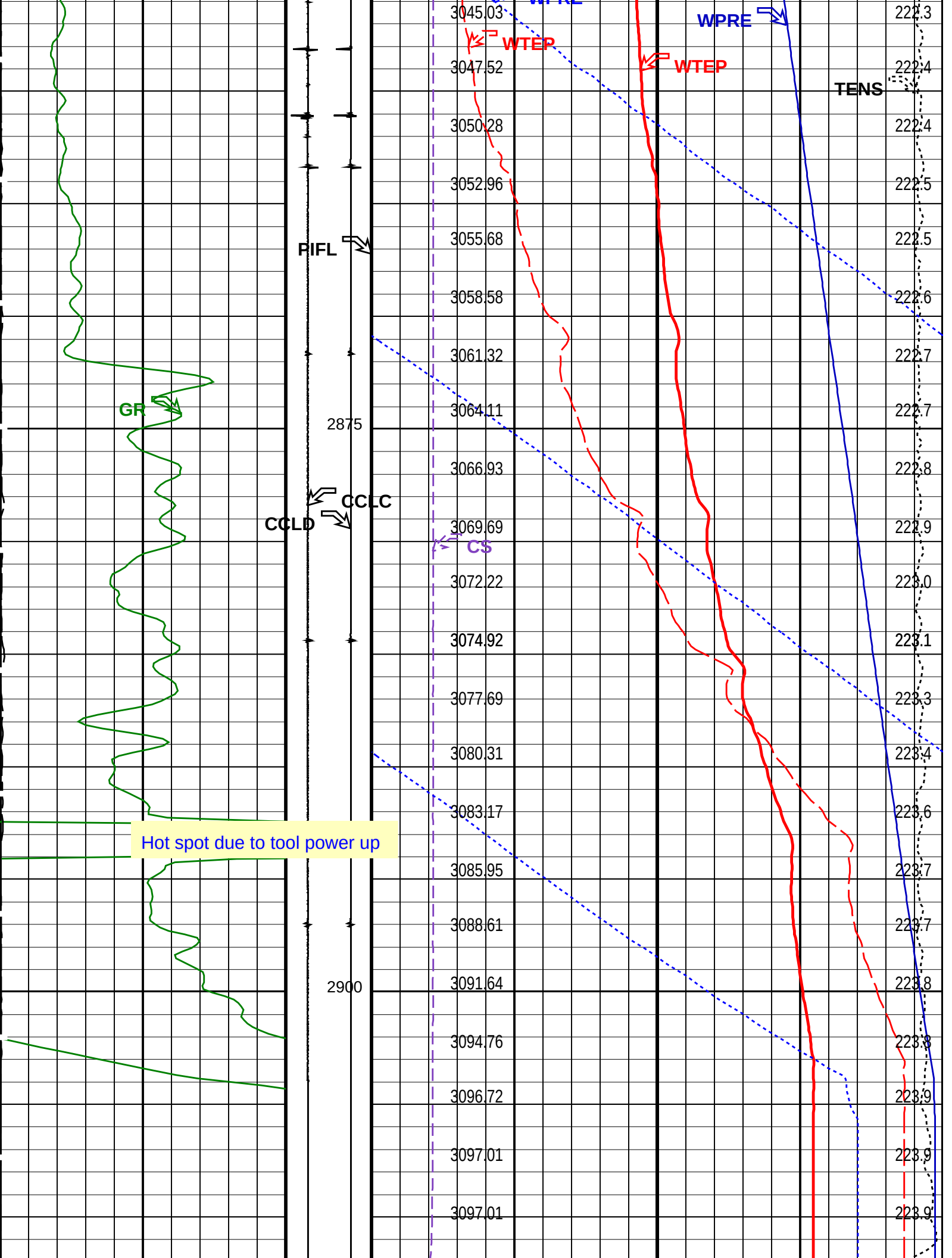
3012.65
3012.65
3015.05
3017.33
3020.10
3022.66
3025.50
3028.40
3031.16
3034.10
3036.89
3039.50
3042.35

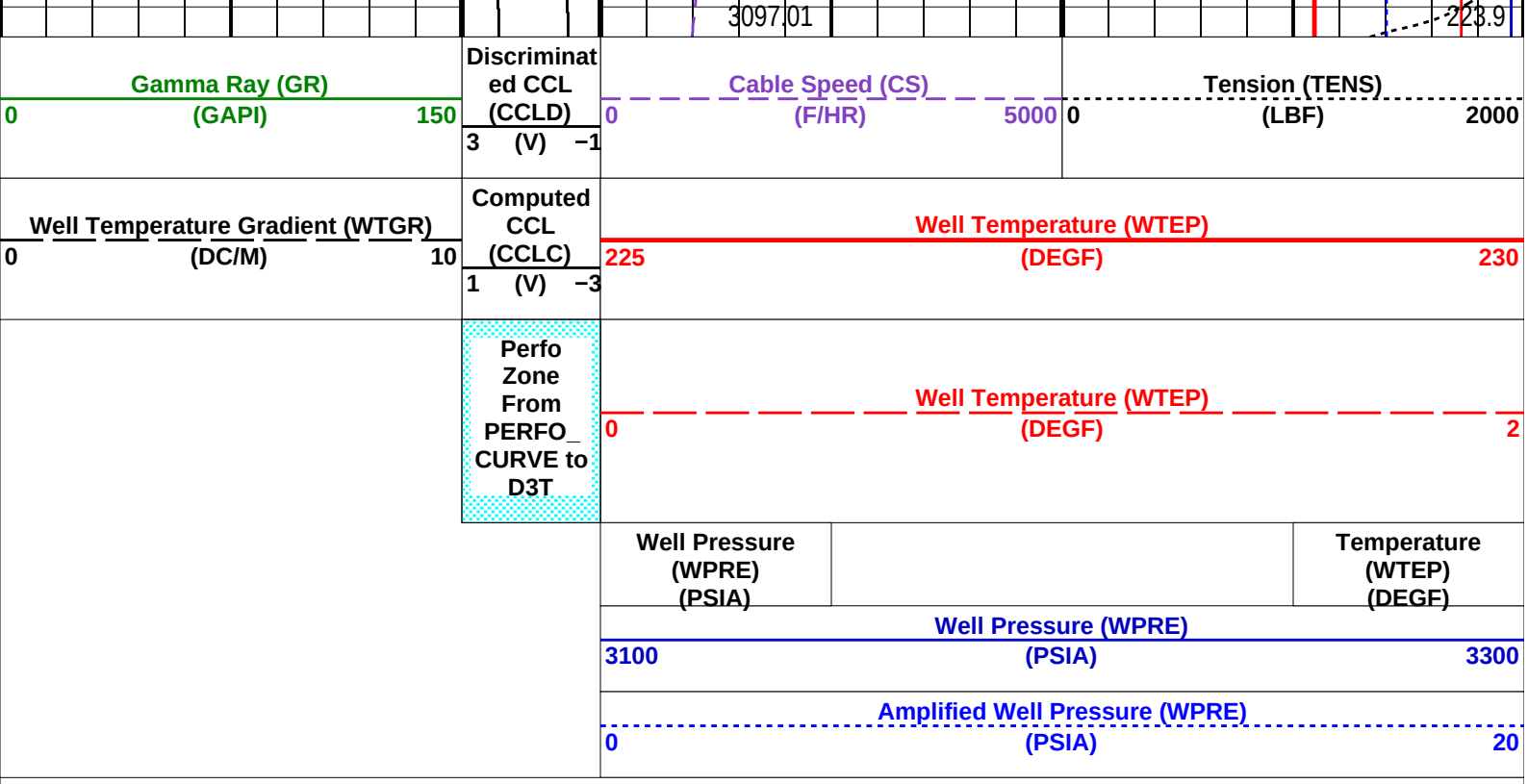
222.1
222.1
222.1
222.1
222.1
222.1
222.1
222.1
222.2
222.2
222.2
222.3

2825
2850

WTGR

WPRE


WPRE
WTEP
WPRE
WTEP
TENS
3045.03
222.3
3047.52
222.4
3050.28
222.4
3052.96
222.5
3055.68
222.5
3058.58
222.6
3061.32
222.7
3064.11
222.7
3066.93
222.8
3069.69
222.9
3072.22
223.0
3074.92
223.1
3077.69
223.3
3080.31
223.4
3083.17
223.6
3085.95
223.7
3088.61
223.7
3091.64
223.8
3094.76
223.8
3096.72
223.9
3097.01
223.9
3097.01
223.9
PIFL
2875
2900
GR
CCLC
CCLD
CS
Hot spot due to tool power up



OP System Version: 14C0−302

MCM

RST−C	14C0−302	PSPT−A/B	14C0−302

Parameters

DLIS Name	Description	Value
	System and Miscellaneous	
DO	Depth Offset for Playback	−0.3 M
PP	Playback Processing	NORMAL

Input DLIS Files

DEFAULT	RST_PSP_024LUP	FN:23	PRODUCER	06−Jan−2008 10:55	2913.1 M	2826.1 M

Output DLIS Files

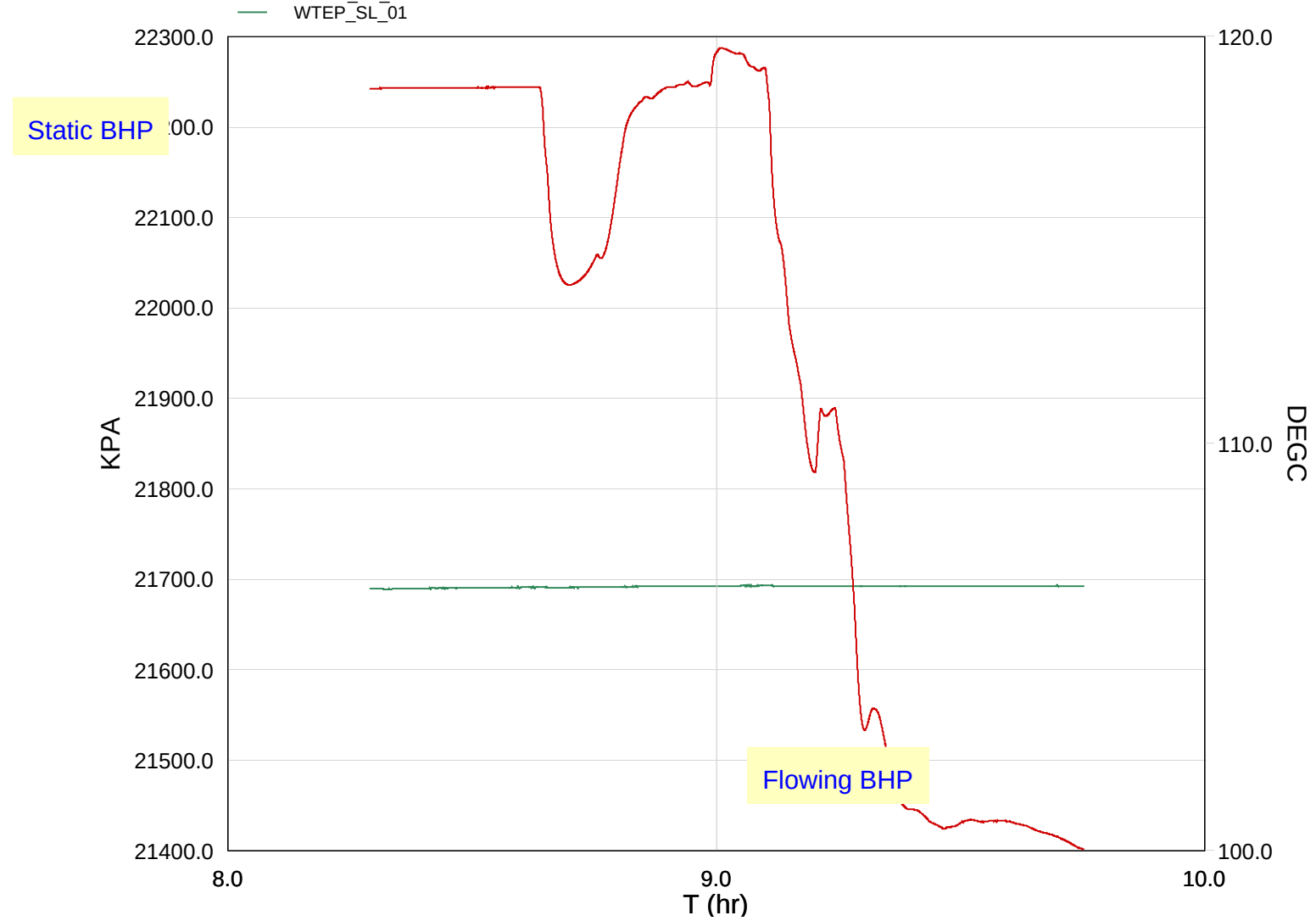
DEFAULT	RST_PSP_026PUP	FN:25	PRODUCER	06−Jan−2008 12:10

Schlumberger

Bordyn Plot
@ 2907.3 m MDKB

MAXIS Field Log

WPRE_SL_01



TIME	Time	deg F	psia
150.0000	6.7563	182.2325	2629.2810
300.0000	8.3219	223.5744	3226.0581
450.0000	8.3636	223.5874	3226.0928
600.0000	8.4050	223.6000	3226.1271
750.0000	8.4467	223.6122	3226.1514
900.0000	8.4883	223.6229	3226.1646
1050.0000	8.5300	223.6325	3226.1845
1200.0000	8.5717	223.6380	3226.1939
1350.0000	8.6133	223.6493	3226.1970
1500.0000	8.6550	223.6457	3211.3058
1650.0000	8.6967	223.6437	3194.5619
1800.0000	8.7383	223.6515	3196.9030
1950.0000	8.7800	223.6621	3202.4437
2100.0000	8.8217	223.6757	3221.4243
2250.0000	8.8633	223.6861	3224.4665
2400.0000	8.9050	223.6894	3226.2159
2550.0000	8.9467	223.7077	3226.6523
2700.0000	8.9883	223.7045	3226.7197
2850.0000	9.0300	223.7112	3231.9404
3000.0000	9.0717	223.7149	3229.5659
3150.0000	9.1133	223.7176	3213.4119
3300.0000	9.1550	223.7009	3185.3348
3450.0000	9.1967	223.7012	3164.8610
3600.0000	9.2383	223.7069	3174.6092
3750.0000	9.2800	223.6956	3146.2522
3900.0000	9.3217	223.6920	3126.5982
4050.0000	9.3633	223.6905	3114.3780

4200.0000	9.4050	223.6895	3110.3668
4350.0000	9.4467	223.6938	3108.1076
4500.0000	9.4883	223.6975	3107.7329
4650.0000	9.5300	223.7008	3108.6444
4800.0000	9.5717	223.7013	3108.5803
4950.0000	9.6133	223.7121	3108.1793
5100.0000	9.6550	223.7083	3107.1056
5250.0000	9.6967	223.7165	3106.0726
5400.0000	9.7383	223.7095	3104.4221

Schlumberger

RST−C Sigma Shut−in
Pass #1 @ 900 ft/hr

MAXIS Field Log

Company: Esso Australia Pty Ltd. **Well: A5B**

Output DLIS Files

DEFAULT	RST_PSP_021LUP	FN:20	PRODUCER	06−Jan−2008 07:49	2917.1 M	2830.7 M

OP System Version: 14C0−302

MCM

RST−C	14C0−302	PSPT−A/B	14C0−302

PIP SUMMARY

Time Mark Every 60 S

RST Sigma (SIGM)
60 (CU) 0

RST Weighted Inelastic Ratio (WINR_RST)
0.4 (−−−− 0

RST Porosity (TPHI)
0.6 (V/V) 0

RST Far Effective Capture CR (RSCF_RST)
45 (−−−− 0

RST Sigma Borehole Fluid (SIBF)
100 (CU) 0

RST Near Effective Capture CR (RSCN_RST)
45 (−−−− 0

Sigma Borehole Far Apparent (SBFA_FIL)
150 (CU) 0

Tension (TENS)
0 (LBF) 3000

RST Capture to Inelastic Ratio Far (CIRF_FIL)
5 (−−−− 0

RST Capture Ratio (TRAT_FIL)
1.5 (−−−− 0.5

Sigma Formation Far Apparent (SFFA_FIL)
60 (CU) 0

RST Capture to Inelastic Ratio Near (CIRN_FIL)
2.5 (−−−− 0

Minitron Arc Detection (MARC)
0 (−−−− 5

RST Sigma Difference (DSIG)
−30 (CU) 30

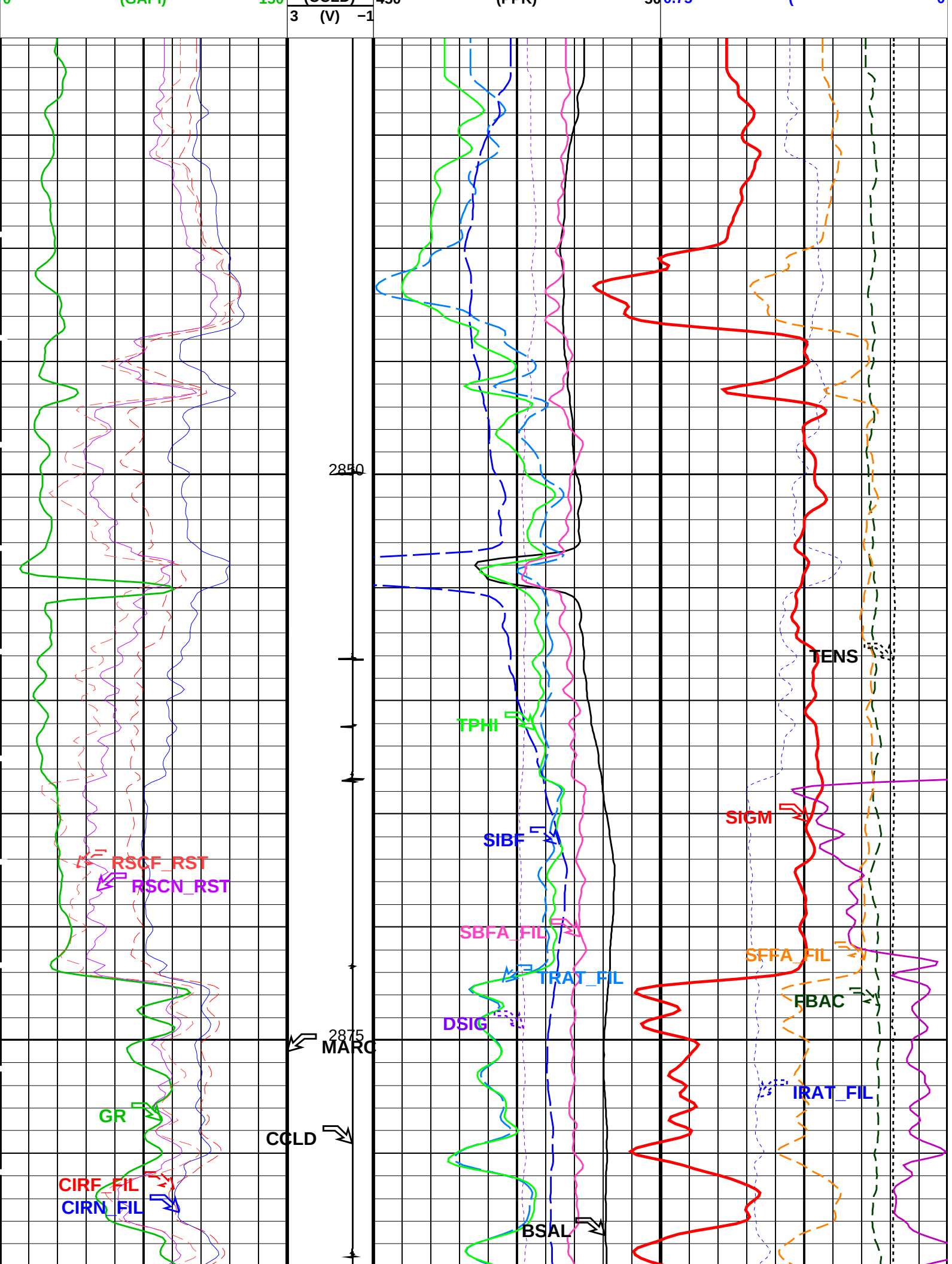
MCS Far Background (filtered) (FBAC)
0 (CPS) 5000

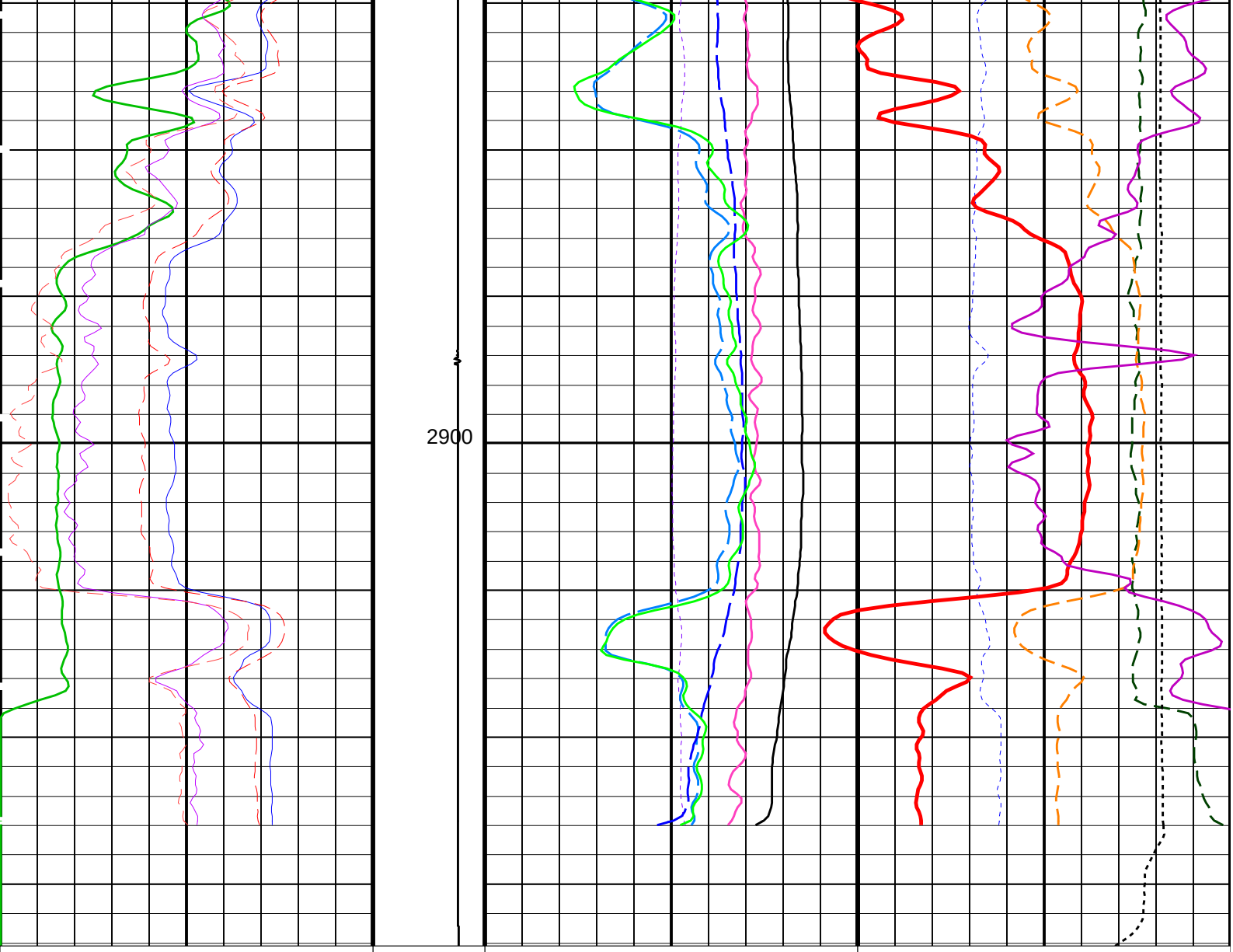
Gamma Ray (GR)
0 (GAPI) 150

Discriminated CCL (CCLD)

RST Borehole Salinity (BSAL)
450 (PPK) −50

RST Inelastic Ratio (IRAT_FIL)
0.75 (−−−− 0


(GAPI)
3 (V) −1
(PPK)
2850
2875
TENS
TPHI
SIGM
SIBF
RSCF_RST
RSCN_RST
SBFA_FIL
SFFA_FIL
IRAT_FIL
FBAC
DSIG
IRAT_FIL
MARC
GR
CCLD
CIRF_FIL
CIRN_FIL
BSAL



Gamma Ray (GR)
0 (GAPI) 150

Discriminated CCL (CCLD)
3 (V) −1

RST Borehole Salinity (BSAL)
450 (PPK) −50

RST Inelastic Ratio (IRAT_FIL)
0.75 (---- 0

RST Capture to Inelastic Ratio Near (CIRN_FIL)
2.5 (---- 0

Minitron Arc Detection (MARC)
0 (---- 5

RST Sigma Difference (DSIG)
−30 (CU) 30

MCS Far Background (filtered) (FBAC)
0 (CPS) 5000

RST Capture to Inelastic Ratio Far (CIRF_FIL)
5 (---- 0

RST Capture Ratio (TRAT_FIL)
1.5 (---- 0.5

Sigma Formation Far Apparent (SFFA_FIL)
60 (CU) 0

RST Near Effective Capture CR (RSCN_RST)
45 (---- 0

Sigma Borehole Far Apparent (SBFA_FIL)
150 (CU) 0

Tension (TENS)
0 (LBF) 3000

RST Far Effective Capture CR (RSCF_RST)
45 (---- 0

RST Sigma Borehole Fluid (SIBF)
100 (CU) 0

RST Porosity (TPHI)
0.6 (V/V) 0

RST Weighted Inelastic Ratio (WINR_RST)
0.4 (---- 0

RST Sigma (SIGM)

60 (CU) 0

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	
SMBMO	RST Sigma Mode Background Minitron Off	No	
TIER_SIGM	RST Sigma Acquisition Mode	0_RST_Sigma	
	PSPT−A/B: Production Services Logging Platform		
BHS	Borehole Status	CASED	
MATR	Rock Matrix for Neutron Porosity Corrections	SANDSTONE	
	System and Miscellaneous		
BS	Bit Size	8.500	IN
BSAL	Borehole Salinity	−50000.00	PPM
CSIZ	Current Casing Size	7.000	IN
CWEI	Casing Weight	26.00	LB/F

Format: RST_SIG_ANSW Vertical Scale: 1:200 Graphics File Created: 06−Jan−2008 07:49

OP System Version: 14C0−302

MCM

RST−C	14C0−302	PSPT−A/B	14C0−302

Output DLIS Files

DEFAULT	RST_PSP_021LUP	FN:20	PRODUCER	06−Jan−2008 07:49		

Schlumberger

Temperature Log
Static Survey

MAXIS Field Log

Company: Esso Australia Pty Ltd. Well: A5B

Input DLIS Files

DEFAULT	RST_PSP_021LUP	FN:20	PRODUCER	06−Jan−2008 07:49	2917.1 M	2830.7 M

Output DLIS Files

DEFAULT	RST_PSP_027PUP	FN:26	PRODUCER	06−Jan−2008 12:54	2917.1 M	2825.6 M

OP System Version: 14C0−302

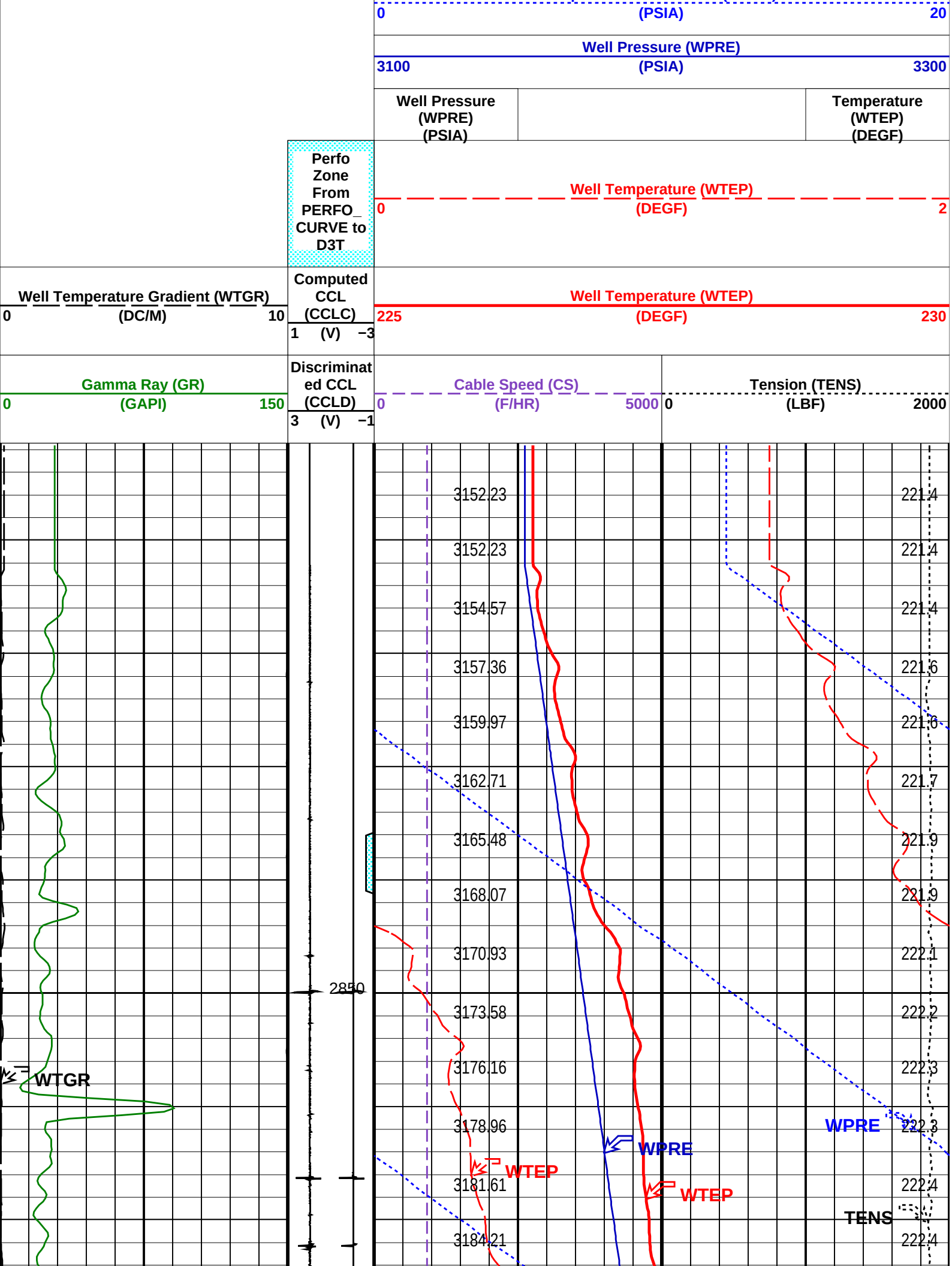
MCM

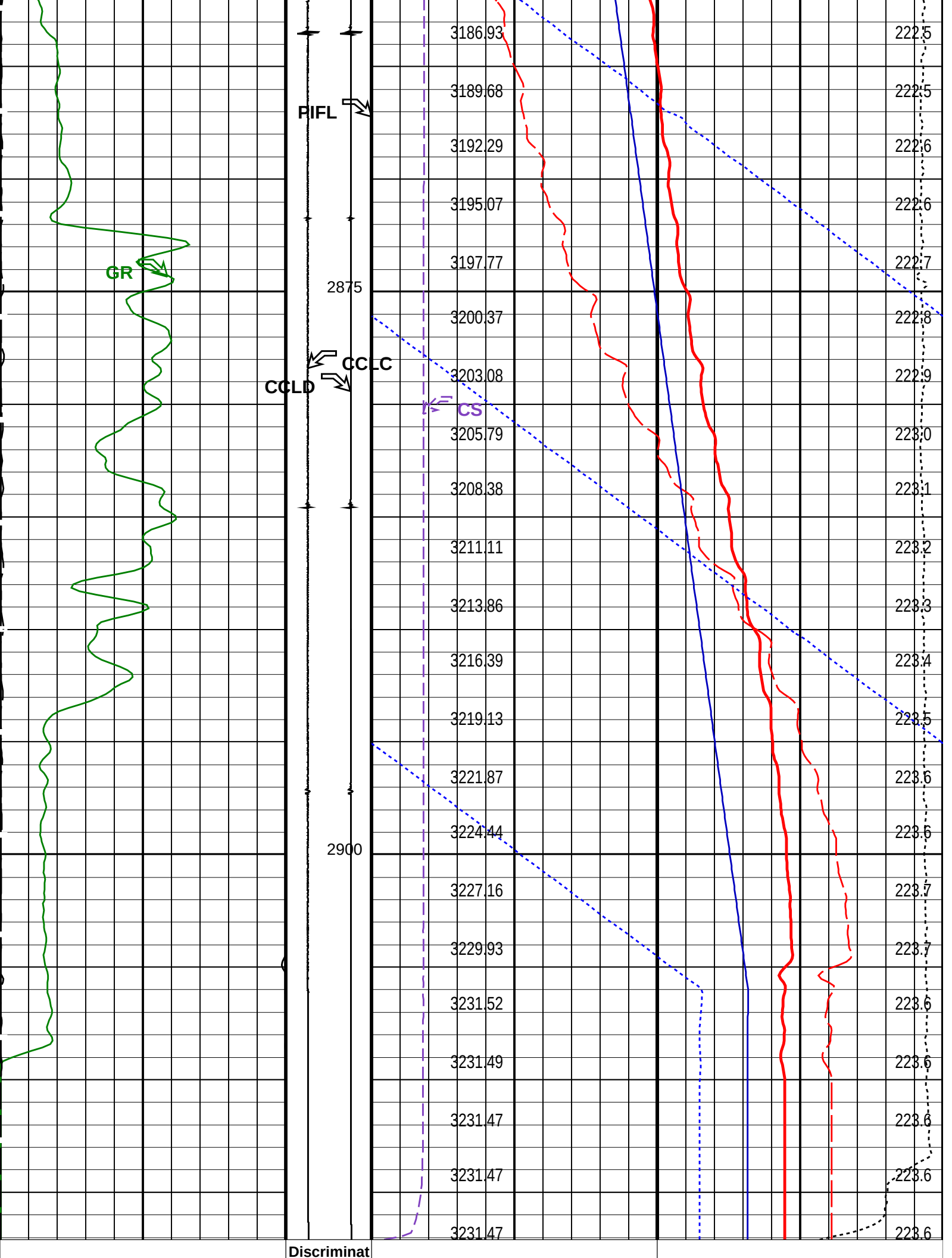
RST−C	14C0−302	PSPT−A/B	14C0−302

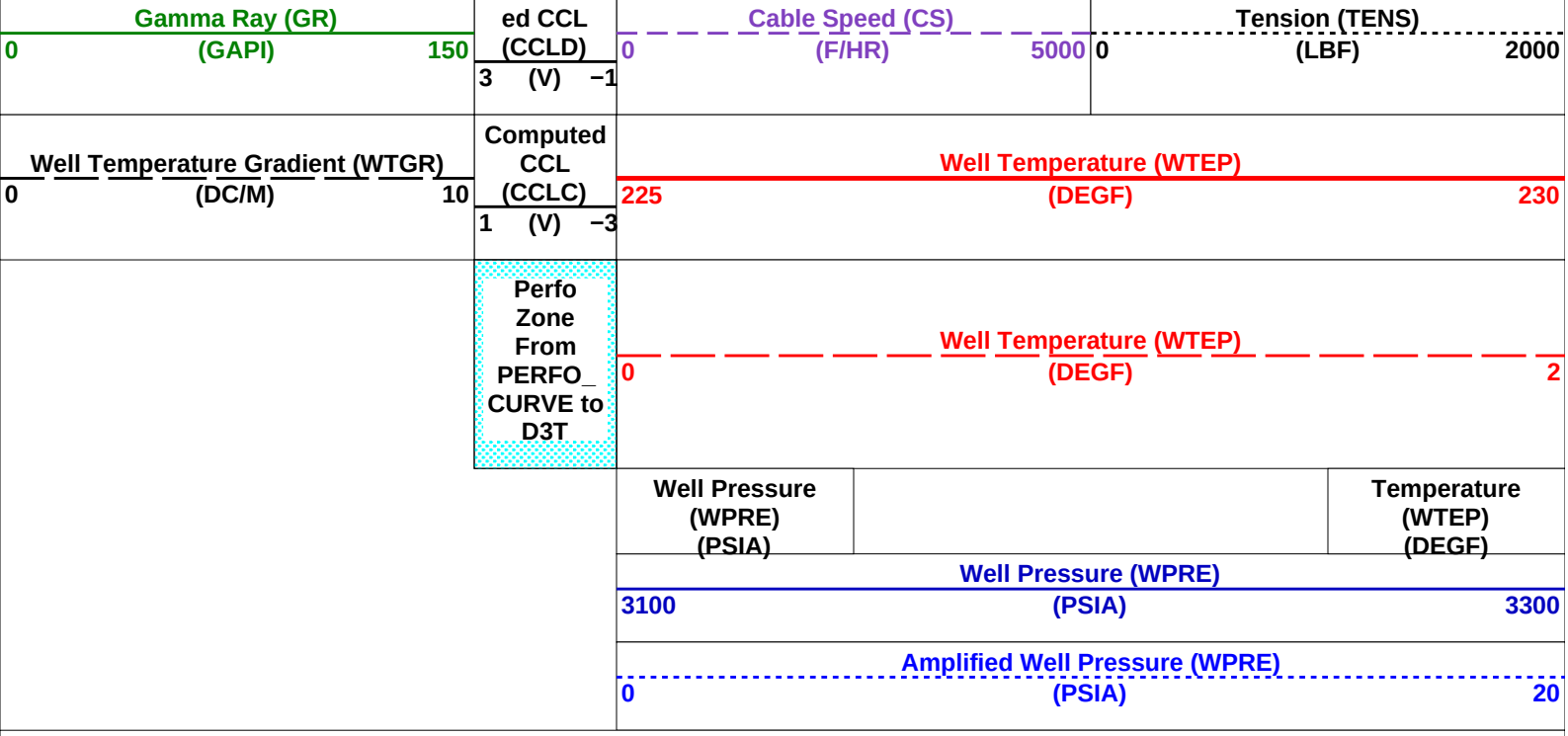
PIP SUMMARY

Time Mark Every 60 S

Amplified Well Pressure (WPRE)


0
(PSIA)
20
Well Pressure (WPRE)
3100
(PSIA)
3300
Well Pressure (WPRE) (PSIA)
Temperature (WTEP) (DEGF)
Perfo Zone From PERFO_ CURVE to D3T
Well Temperature (WTEP)
0
(DEGF)
2
Well Temperature Gradient (WTGR)
0
(DC/M)
10
Computed CCL (CCLC)
1
(V)
−3
Well Temperature (WTEP)
225
(DEGF)
230
Gamma Ray (GR)
0
(GAPI)
150
Discriminated CCL (CCLD)
3
(V)
−1
Cable Speed (CS)
0
(F/HR)
5000
Tension (TENS)
0
(LBF)
2000
3152.23
3152.23
3154.57
3157.36
3159.97
3162.71
3165.48
3168.07
3170.93
3173.58
3176.16
3178.96
3181.61
3184.21
221.4
221.4
221.4
221.6
221.6
221.7
221.9
221.9
222.1
222.2
222.3
222.3
222.4
222.4
2850
WTGR
WTEP
WPRE
WTEP
WPRE
TENS


GR
PIFL
2875
CCLC
CCLD
CS
2900
3186.93
3189.68
3192.29
3195.07
3197.77
3200.37
3203.08
3205.79
3208.38
3211.11
3213.86
3216.39
3219.13
3221.87
3224.44
3227.16
3229.93
3231.52
3231.49
3231.47
3231.47
3231.47
222.5
222.5
222.6
222.6
222.7
222.8
222.9
223.0
223.1
223.2
223.3
223.4
223.5
223.6
223.6
223.7
223.7
223.6
223.6
223.6
223.6
223.6
Discriminat



PIP SUMMARY

Time Mark Every 60 S

Format: PSP_1 Vertical Scale: 1:200 Graphics File Created: 06−Jan−2008 12:54

OP System Version: 14C0−302

MCM

RST−C	14C0−302	PSPT−A/B	14C0−302

Parameters

DLIS Name	Description	Value
	System and Miscellaneous	
DO	Depth Offset for Playback	0.0 M
PP	Playback Processing	NORMAL

Input DLIS Files

DEFAULT	RST_PSP_021LUP	FN:20	PRODUCER	06−Jan−2008 07:49	2917.1 M	2830.7 M

Output DLIS Files

DEFAULT	RST_PSP_027PUP	FN:26	PRODUCER	06−Jan−2008 12:54

Schlumberger

Correlation Pass
@ 1800 ft/hr

MAXIS Field Log

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

Input DLIS Files

DEFAULT	RST_PSP_020LUP	FN:19	PRODUCER	06−Jan−2008 07:23	2926.4 M	2828.4 M

Output DLIS Files

DEFAULT RST_PSP_033PUP FN:32 PRODUCER 06−Jan−2008 13:41 2925.9 M 2822.9 M

OP System Version: 14C0−302

MCM

RST−C 14C0−302 PSPT−A/B 14C0−302

PIP SUMMARY

Time Mark Every 60 S

Amplified Well Pressure (WPRE)
0 (PSIA) 20

Well Pressure (WPRE)
3100 (PSIA) 3300

Well Pressure (WPRE) (PSIA) | Temperature (WTEP) (DEGF)

Perfo Zone From PERFO_CURVE to D3T

Well Temperature (WTEP)
0 (DEGF) 2

Well Temperature Gradient (WTGR)
0 (DC/M) 10

Computed CCL (CCLC)
1 (V) −3

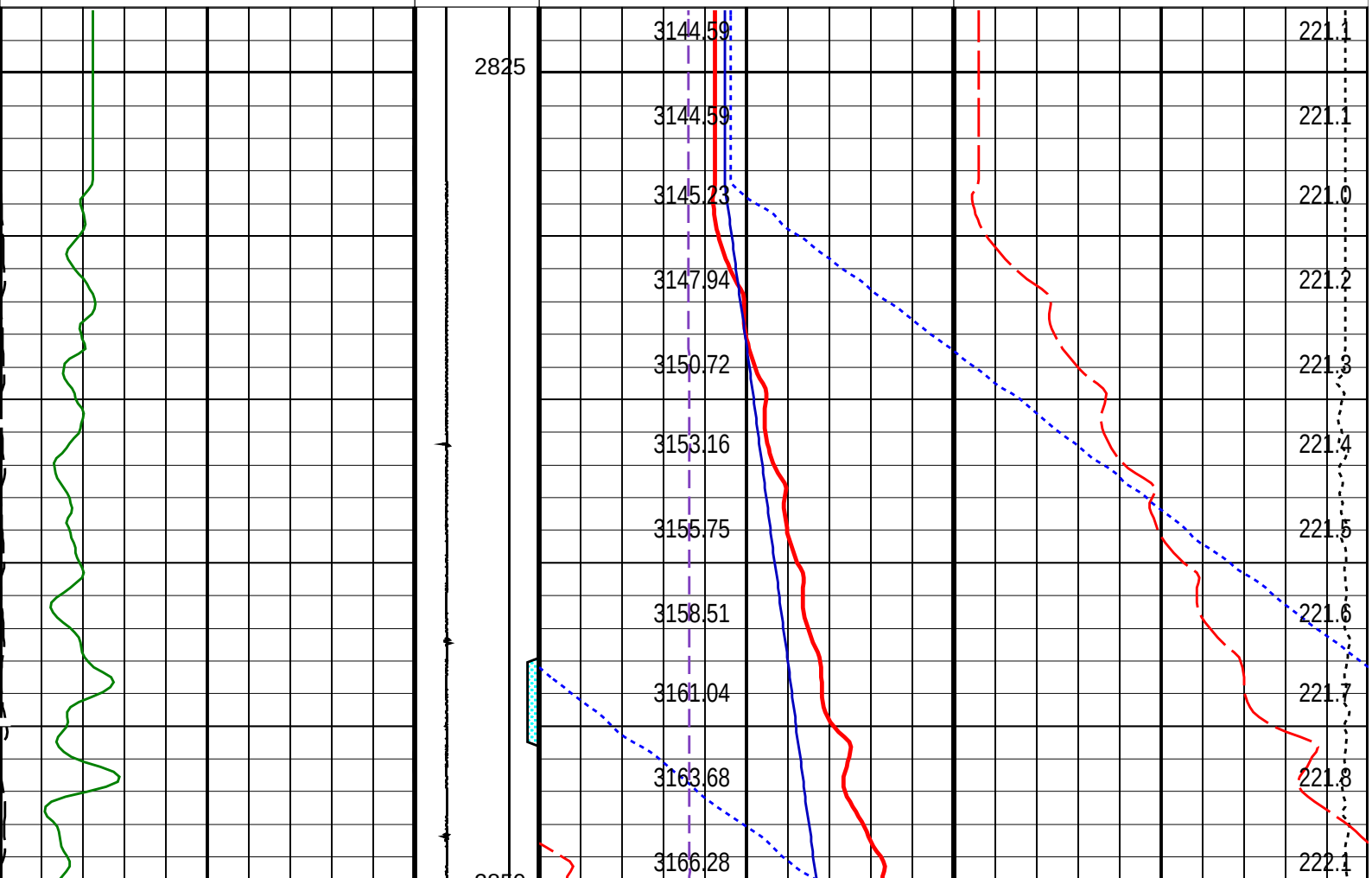
Well Temperature (WTEP)
225 (DEGF) 230

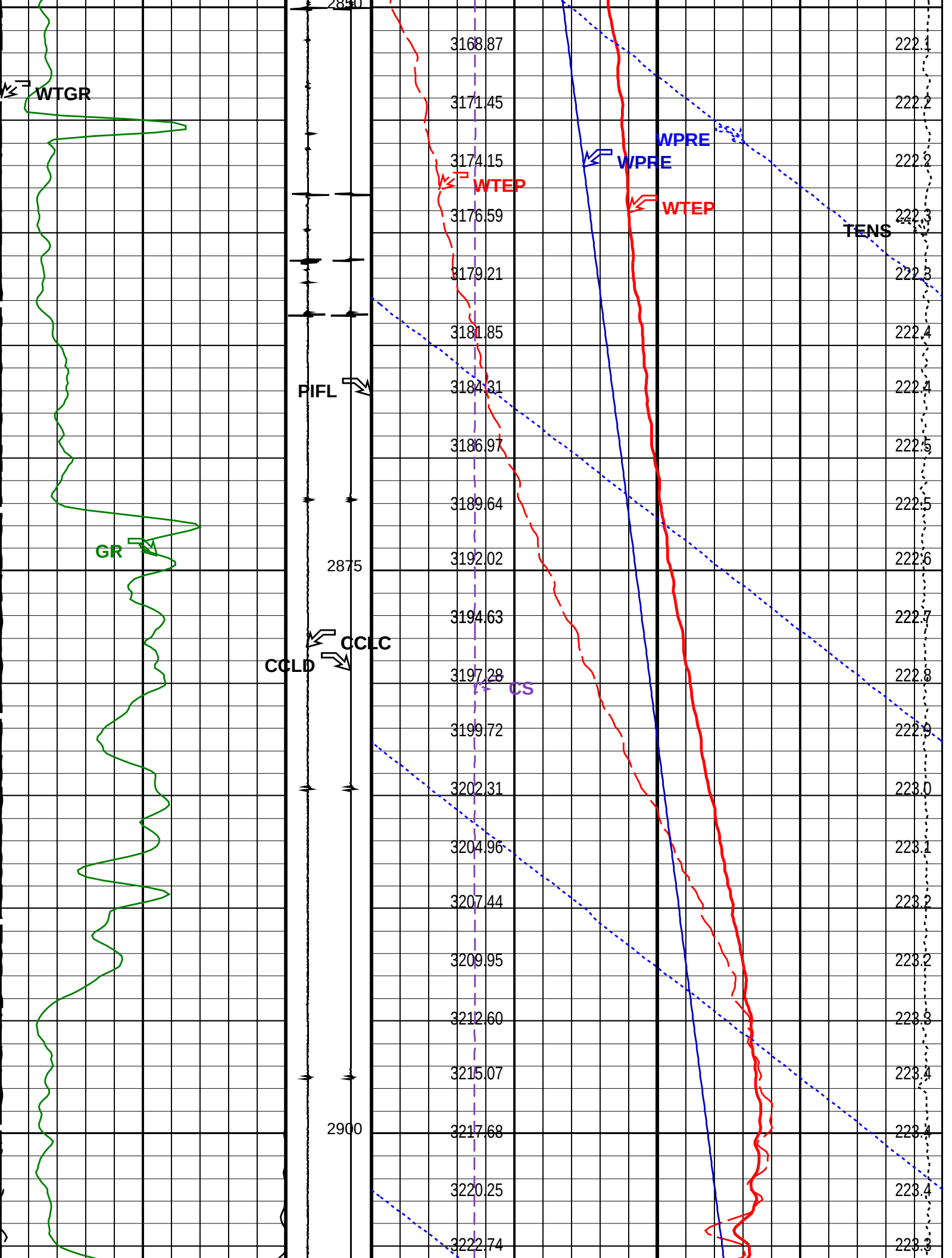
Gamma Ray (GR)
0 (GAPI) 150

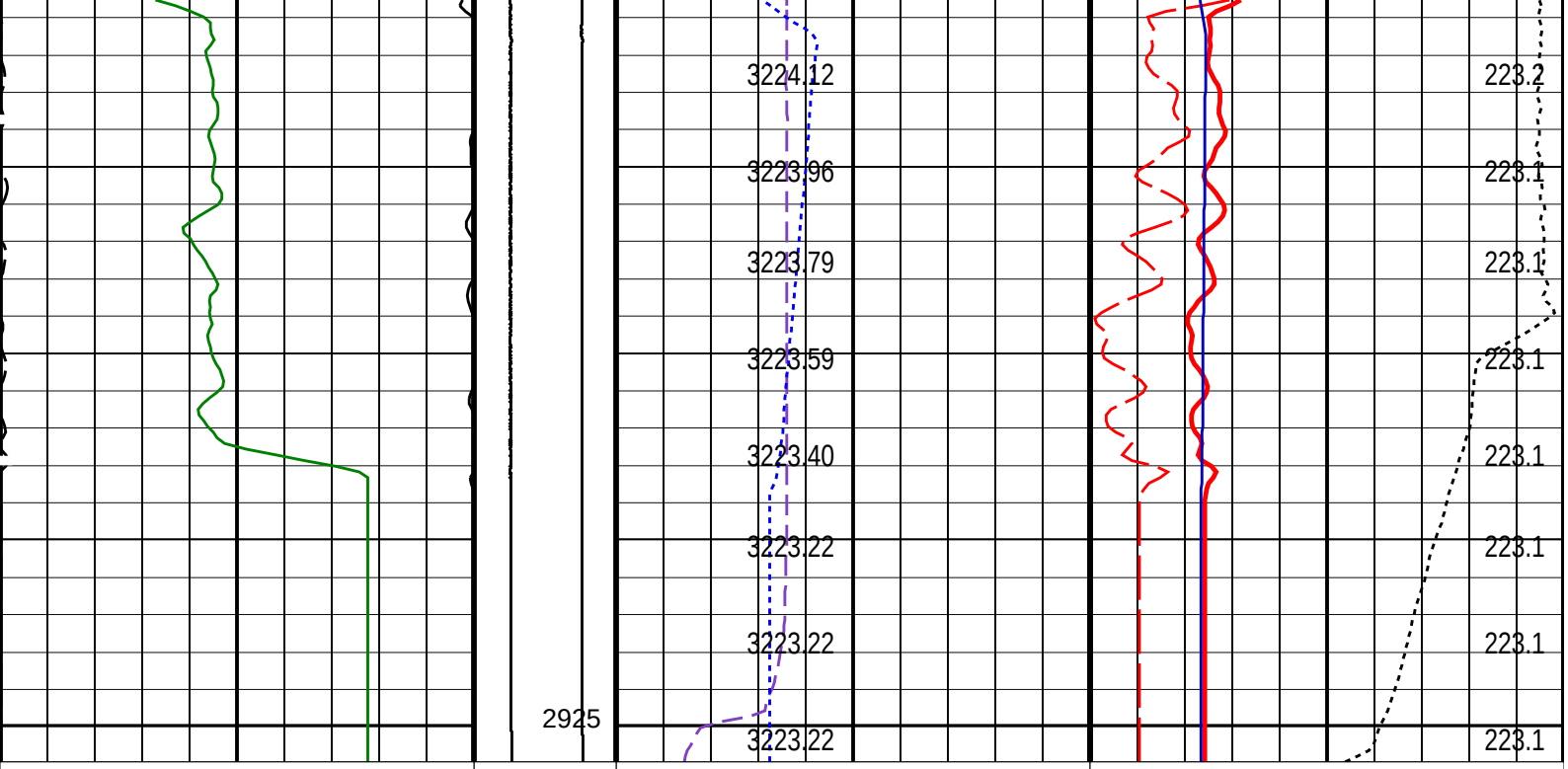
Discriminated CCL (CCLD)
3 (V) −1

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

Tension (TENS)
0 (LBF) 2000




WTGR
GR
PIFL
CCLC
CCLD
CS
WPRE
WTEP
TENS
2850
2875
2900
3168.87
3171.45
3174.15
3176.59
3179.21
3181.85
3184.31
3186.97
3189.64
3192.02
3194.63
3197.28
3199.72
3202.31
3204.96
3207.44
3209.95
3212.60
3215.07
3217.68
3220.25
3222.74
222.1
222.2
222.2
222.3
222.3
222.4
222.4
222.5
222.5
222.6
222.7
222.8
222.9
223.0
223.1
223.2
223.2
223.3
223.4
223.4
223.4
223.3



Gamma Ray (GR)
0 (GAPI) 150

Discriminated CCL (CCLD)
3 (V) −1

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

Tension (TENS)
0 (LBF) 2000

Well Temperature Gradient (WTGR)
0 (DC/M) 10

Computed CCL (CCLC)
1 (V) −3

Well Temperature (WTEP)
225 (DEGF) 230

Perfo Zone From PERFO_CURVE to D3T

Well Temperature (WTEP)
0 (DEGF) 2

Well Pressure (WPRE) (PSIA)

Temperature (WTEP) (DEGF)

Well Pressure (WPRE)
3100 (PSIA) 3300

Amplified Well Pressure (WPRE)
0 (PSIA) 20

PIP SUMMARY

Time Mark Every 60 S

Format: PSP_1 Vertical Scale: 1:200 Graphics File Created: 06−Jan−2008 13:41

OP System Version: 14C0−302

MCM

RST−C	14C0−302	PSPT−A/B	14C0−302

Parameters

DLIS Name	Description	Value
	System and Miscellaneous	
DO	Depth Offset for Playback	−0.5 M
PP	Playback Processing	NORMAL

Input DLIS Files

DEFAULT	**RST_PSP_020LUP**	**FN:19**	**PRODUCER**	**06−Jan−2008 07:23**	**2926.4 M**	**2828.4 M**

Output DLIS Files

DEFAULT	**RST_PSP_033PUP**	**FN:32**	**PRODUCER**	**06−Jan−2008 13:41**

Company: **Esso Australia Pty Ltd.**

Schlumberger

Well: **A−5B**
Field: **Halibut**
Rig: **Crane**
Country: **Australia**

RST−C
Sigma
Survey