Schlumberger

Company: **Esso Australia Pty Ltd.**

Well: **A−4c**
Field: **Fortescue**
Rig: **Crane / Prod 4** Country: **Australia**

RST−C
Static & Flowing
Sigma Survey

Rig: Crane / Prod 4
Field: Fortescue
Location: Gippsland
Well: A−4c
Company: Esso Australia Pty Ltd.

LOCATION

Gippsland		Elev.: K.B.	42.29 m
Basin		G.L.	−69 m
Bass Strait		D.F.	42.29 m
Permanent Datum:	M.S.L	Elev.:	0 m
Log Measured From:	D.F	42.3 m	above Perm. Datum
Drilling Measured From:	D.F		

State:	Max. Well Deviation	Longitude	Latitude
Victoria	61 deg	148*16'36.62"E	038*24'31.39"S

				Run 1
PVT DATA	Oil Density			
	Water Salinity			
	Gas Gravity			
	Bo			
	Bw			
	1/Bg			
	Bubble Point Pressure			
	Bubble Point Temperature			
Solution GOR				
Maximum Deviation				61 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		12−Jun−2008			Logging Date
Run Number		One			Run Number
Depth Driller		3222 m			Depth Driller
Schlumberger Depth		3221.5 m			Schlumberger Depth
Bottom Log Interval		3220 m			Bottom Log Interval
Top Log Interval		3160 m			Top Log Interval
Casing Fluid Type		Production Fluids			Casing Fluid Type
Salinity					Salinity
Density					Density
Fluid Level		1345 m			Fluid Level
BIT/CASING/TUBING STRING					BIT/CASING/TUBING STRING
Bit Size		8.500 in			Bit Size
From		2068 m			From
To		3304 m			To
Casing/Tubing Size		7.000 in			Casing/Tubing Size
Weight		26 lbm/ft			Weight
Grade		L−80			Grade
From		21.44 m			From
To		3303.56 m			To
Maximum Recorded Temperatures		225 degF			Maximum Recorded Temperatures
Logger On Bottom	Time	12−Jun−2008	8:40		Logger On Bottom Time
Unit Number	Location	889	Prod 4 / AUSL		Unit Number Location
Recorded By		G Wright.			Recorded By
Witnessed By		G Rimmer.			Witnessed By

DEPTH SUMMARY LISTING

Date Created: 12−JUN−2008 13:10:31

Depth System Equipment

Depth Measuring Device		Tension Device		Logging Cable	
Type:	IDW−BE	Type:	PSDS/OSDS	Type:	2−32ZT
Serial Number:	6373	Serial Number:	325357	Serial Number:	208196
Calibration Date:	4−Jan−2007	Calibration Date:	10−Jun−2008	Length:	7010.10 M
Calibrator Serial Number:	9	Calibrator Serial Number:	1174		
Calibration Cable Type:	2−32ZT	Calibration Gain:	0.95	Conveyance Method:	Wireline
Wheel Correction 1:	−2	Calibration Offset:	−137.00	Rig Type:	Offshore_Fixed
Wheel Correction 2:	−4				

Depth Control Parameters

Log Sequence: Subsequent Log In the Well

Reference Log Name: ExxonMobil Solar Composite Log
Reference Log Run Number:
Reference Log Date:

Depth Control Remarks

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

OTHER SERVICES1
OS1: 7" Posiset Plug
OS2: 2 1/8" Powerjet
OS3: MWPT Perforation
OS4:
OS5:

REMARKS: RUN NUMBER 1
Log correlated to ExxonMobil Petrophysical Analysis composite supplied
with logging program.
Maximum well deviation = 61 degree's at 2075m MDKB.
RST−C Sigma survey from HUD 3221.5m to 3160m MDKB.
Pass # 1 was logged with the well shut−in,passes 2 and 3 were
flowing passes.
SBHP = 3160 psia,SBHT = 225 degf.
FBHP = 3115 psia,FBHT = 225.3 degf.

PBHP = 3113 psia,PBHT = 225.5 degr.

Crew : Jake Annear & Peter Lawrence.

RUN 1

SERVICE ORDER #:	AUSL08509118
PROGRAM VERSION:	15C0−309
FLUID LEVEL:	1345 m

LOGGED INTERVAL	START	STOP

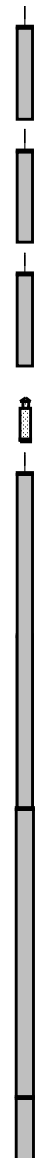
EQUIPMENT DESCRIPTION

RUN 1

SURFACE EQUIPMENT

WITM−A 3576
PSC_16MHZ 827

DOWNHOLE EQUIPMENT



AH−SWBS−B 787

AH−SWBS−B 786

AH−SWBS−B 785

MH−SWHS−A 759

Detail MT
TelStatus
CTEM — 9.56

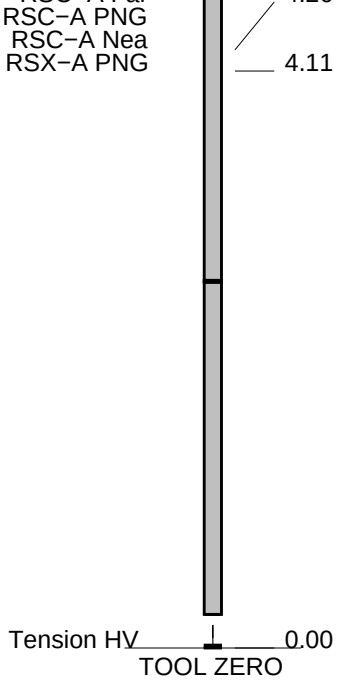
PSC−A 827
PSPT−B 827
PSTC 827
PBMS−B 827
CQG_F_Mano 827
RTD_Thermometer 827
GR 827
CCL 827
PBMS 827

GR — 8.43

Well_Temp — 7.50
CQG Manom — 7.40
CCL — 7.27
PBMS PSTC — 7.04

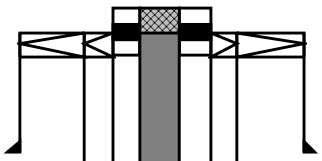
RST−C Blu1
RSCH−A 111
RSC−C 132
RSS−A 108
RSXH−A 145
RSX−C 145

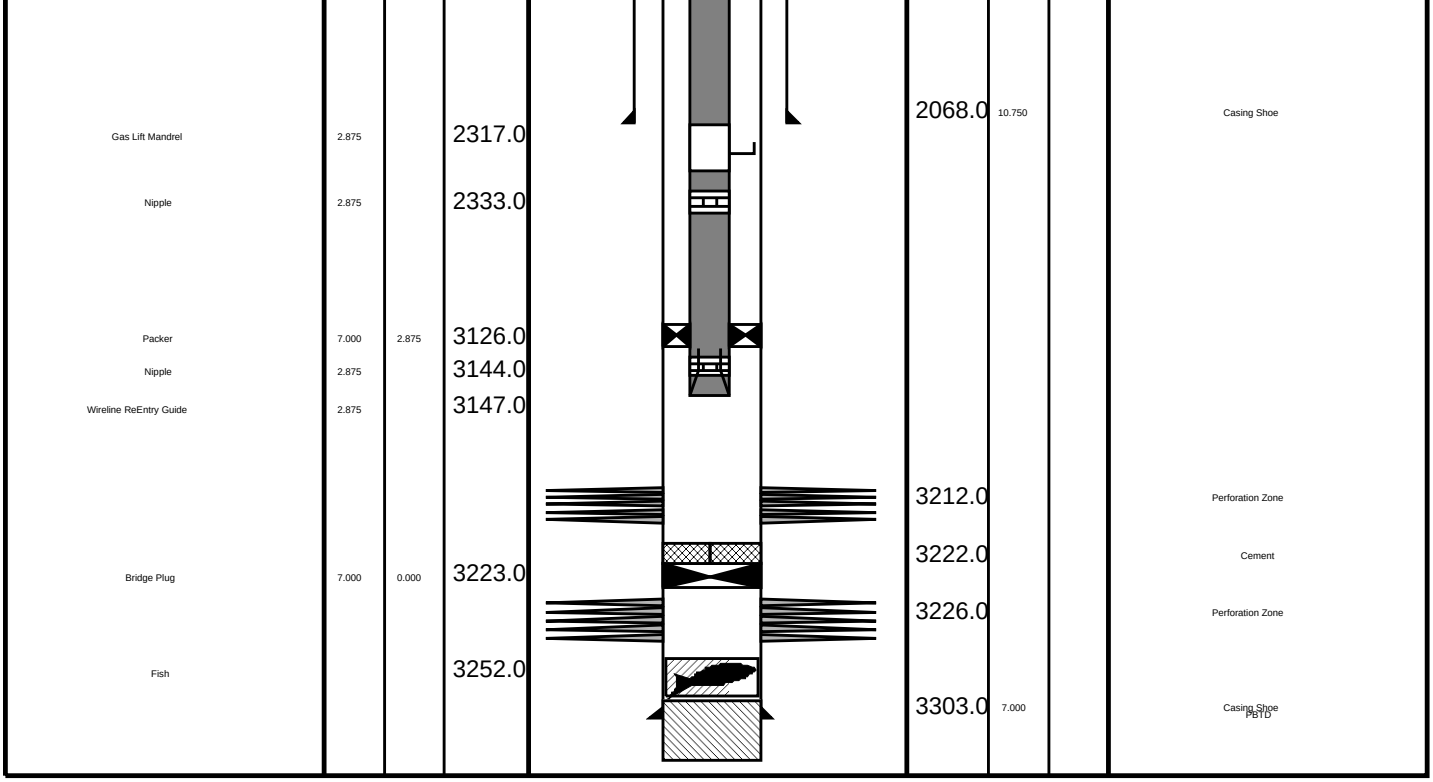
RSC−A Far — 4.26



0.03

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	7.000	2.875	21.5		21.5	7.000		Casing String
Tubing	2.875		21.5		22.0	20.000	7.000	Conductor Pipe
					22.0	10.750		Casing String
					22.0	20.000	10.750	Liner Hanger
Shutin Valve	2.875		431.0		190.0	20.000		Casing Shoe
Gas Lift Mandrel	2.875		699.0					
Gas Lift Mandrel	2.875		1656.0					



Schlumberger

Job Events Summary

MAXIS Field Log

Schlumberger Job Event Summary

	Time	Elapsed Time	Depth (M)		File
Simulated Log	12−Jun−2008 6:51	000:31			RST_PSP_015LUP
Log Pass (down)	12−Jun−2008 7:27	001:11	−14.3 −	3223.4	RST_PSP_016LDP
Log Pass (up)	12−Jun−2008 8:40	000:11	3229.8 −	3142.6	RST_PSP_017LUP
Log Pass (up)	12−Jun−2008 9:00	000:18	3224.3 −	3143.1	RST_PSP_019LUP
Station Log	12−Jun−2008 9:27	001:43	3220.6 −	15.7	RST_PSP_022LTP
Log Pass (up)	12−Jun−2008 11:14	000:17	3220.5 −	3138.7	RST_PSP_023LUP
Log Pass (up)	12−Jun−2008 11:32	000:19	3223.4 −	3137.6	RST_PSP_024LUP
Log Pass (up)	12−Jun−2008 12:35	000:33	1497.3 −	2.4	RST_PSP_027LUP

Schlumberger

Flowing SIGMA Pass # 2

MAXIS Field Log

Company: Esso Australia Pty Ltd. **Well: A−4c**

Input DLIS Files

DEFAULT	RST_PSP_024LUP	FN:23	PRODUCER	12−Jun−2008 11:32	3223.4 M	3137.6 M

Output DLIS Files

DEFAULT	RST_PSP_026PUP	FN:25	PRODUCER	12−Jun−2008 11:56	3223.9 M	3133.0 M

OP System Version: 15C0−309

MCM

RST−C	SRPC−3546−Q1_2008_OP15	PSPT−B	SRPC−3546−Q1_2008_OP15

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

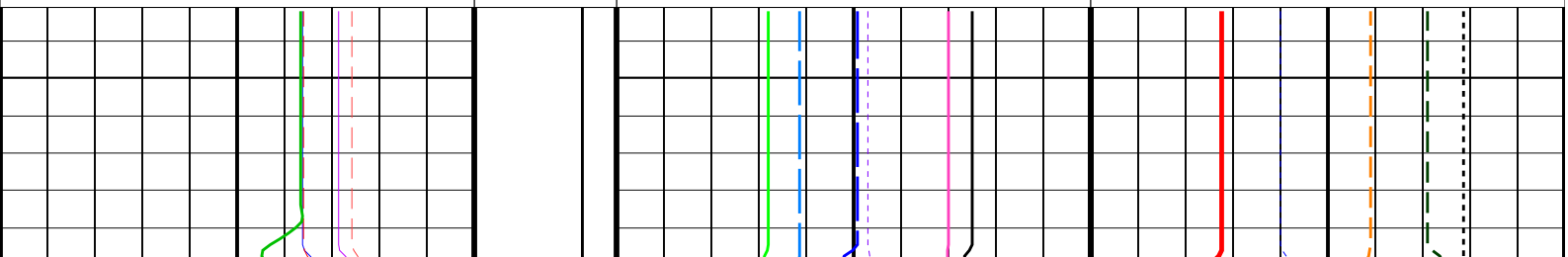
MCS Far Background (filtered) (FBAC) 0 (CPS) 5000

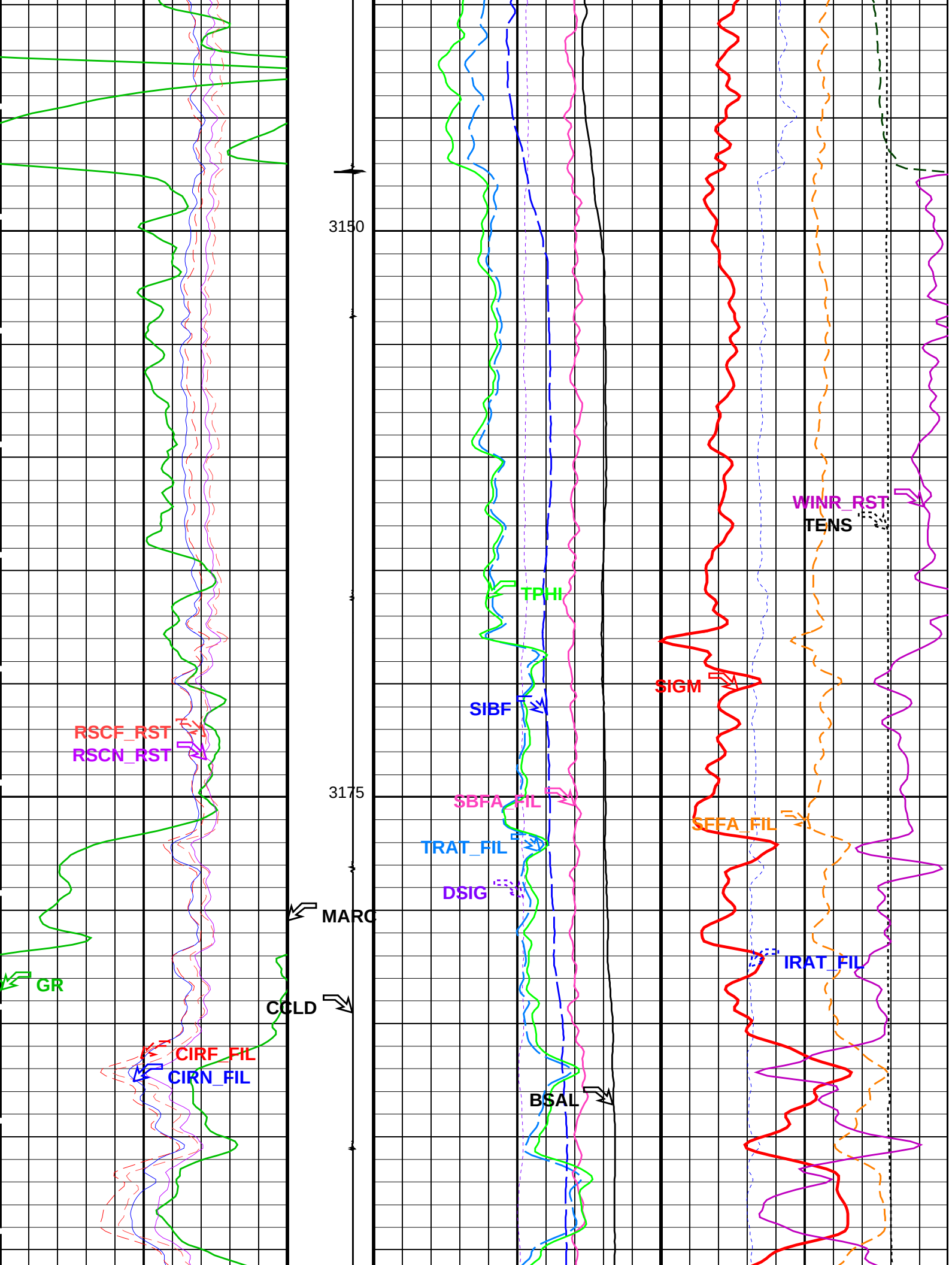
Gamma Ray (GR) 0 (GAPI) 150

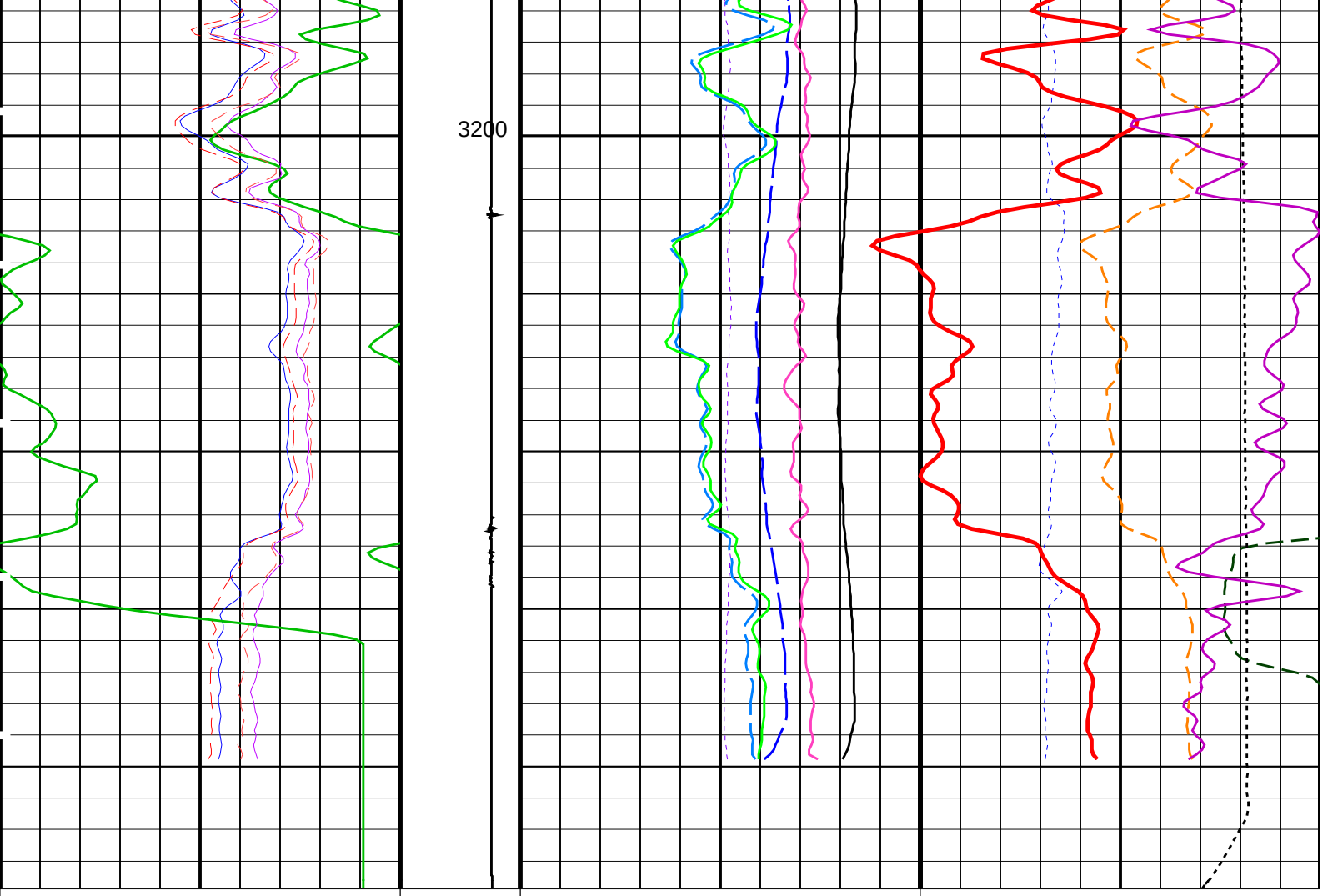
Discriminated CCL (CCLD) 3 (V) −1

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

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




3150
3175
GR
CCLD
MARC
RSCF_RST
RSCN_RST
CIRF_FIL
CIRN_FIL
TPHI
SIBF
SBFA_FIL
TRAT_FIL
DSIG
BSAL
SIGM
SEFA_FIL
IRAT_FIL
WINR_RST
TENS



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	
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	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	0.5	M
PP	Playback Processing	NORMAL	

Format: RST_SIG_ANSW **Vertical Scale: 1:200** **Graphics File Created: 12−Jun−2008 11:56**

OP System Version: 15C0−309

MCM

RST−C	**SRPC−3546−Q1_2008_OP15**	**PSPT−B**	**SRPC−3546−Q1_2008_OP15**

Input DLIS Files

DEFAULT	**RST_PSP_024LUP**	**FN:23**	**PRODUCER**	**12−Jun−2008 11:32**	**3223.4 M**	**3137.6 M**

Output DLIS Files

DEFAULT	**RST_PSP_026PUP**	**FN:25**	**PRODUCER**	**12−Jun−2008 11:56**		

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Flowing SIGMA Pass # 1

MAXIS Field Log

Company: Esso Australia Pty Ltd. **Well: A−4c**

Input DLIS Files

DEFAULT	**RST_PSP_023LUP**	**FN:22**	**PRODUCER**	**12−Jun−2008 11:14**	**3220.5 M**	**3138.7 M**

Output DLIS Files

DEFAULT	**RST_PSP_025PUP**	**FN:24**	**PRODUCER**	**12−Jun−2008 11:54**	**3221.0 M**	**3134.1 M**

OP System Version: 15C0−309

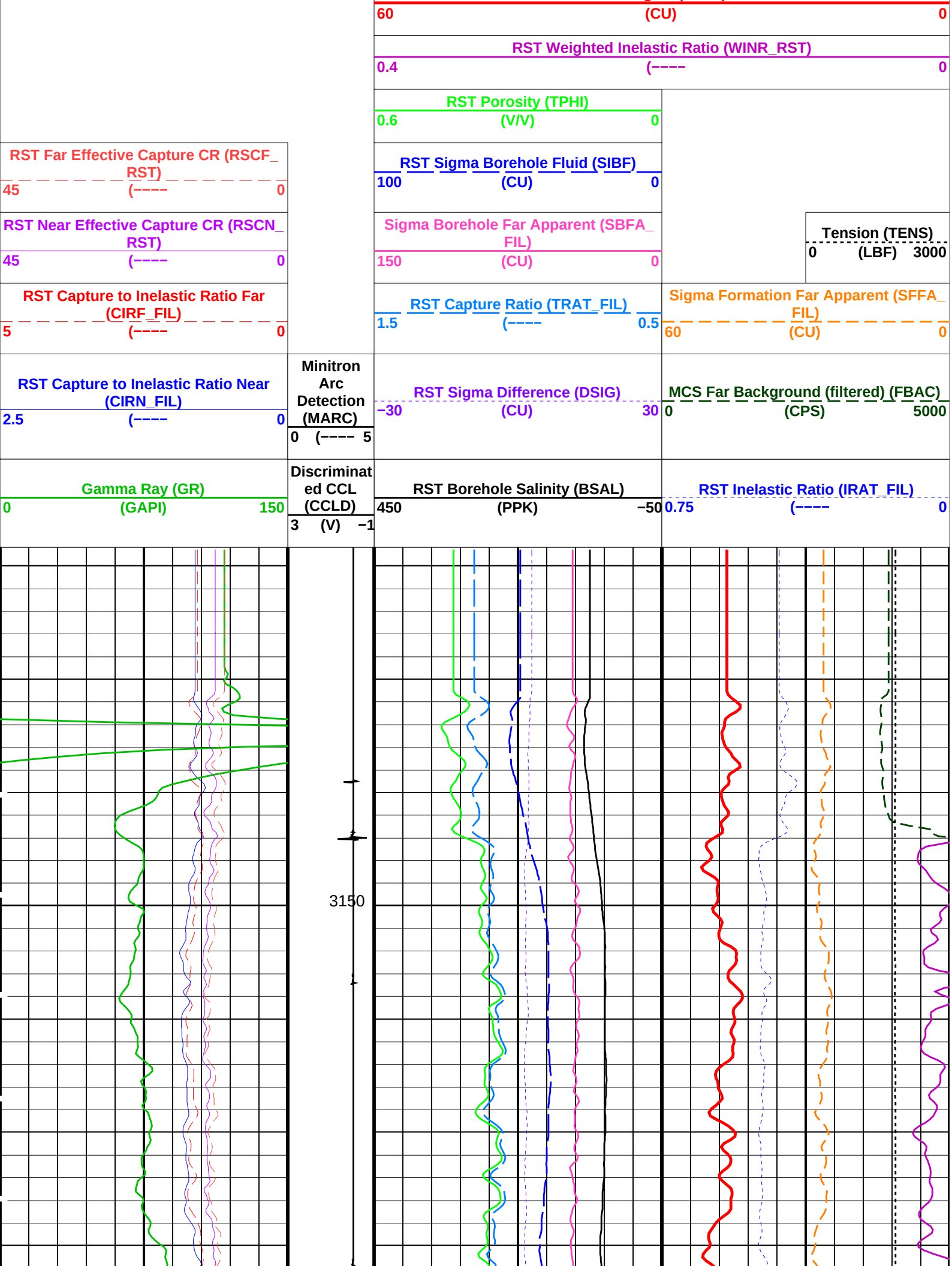
MCM

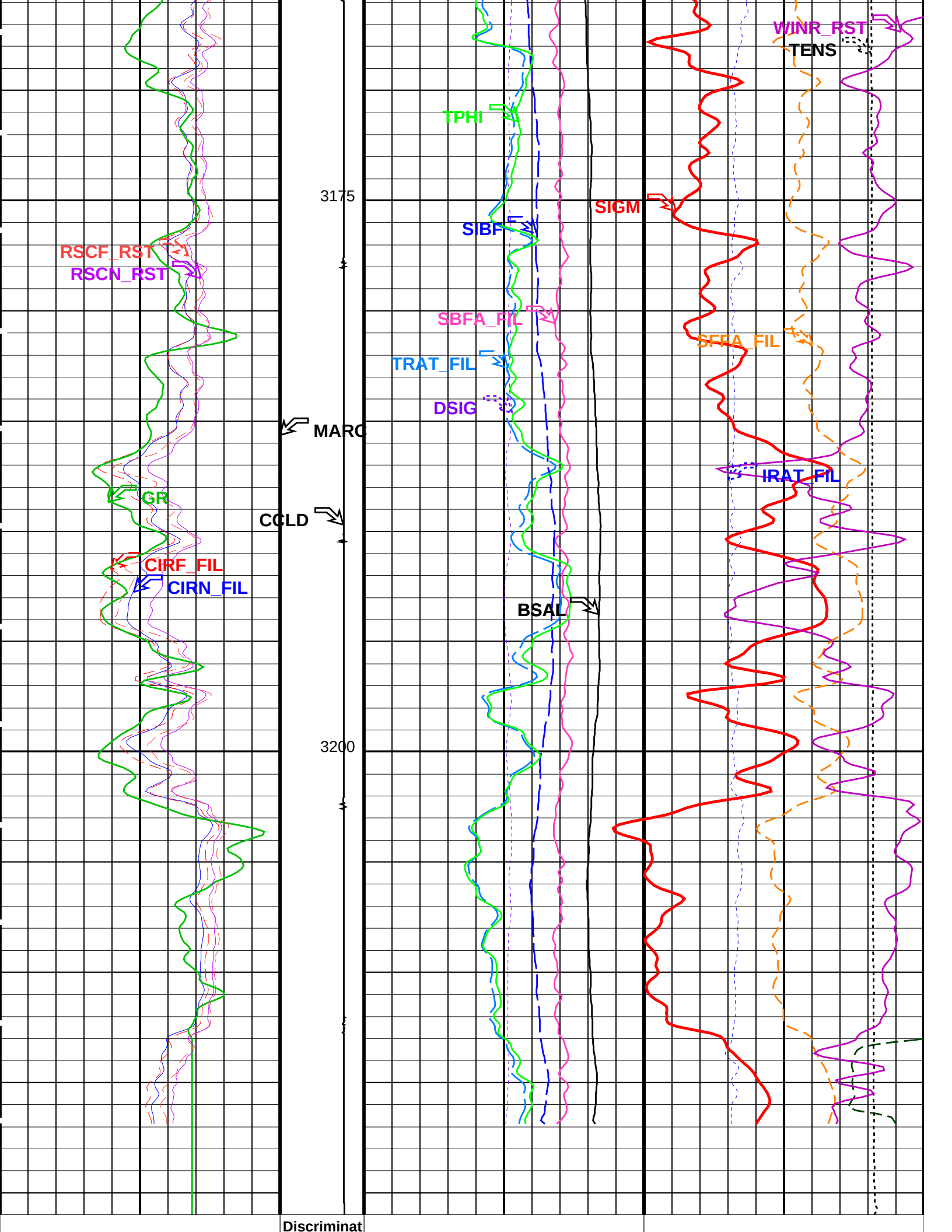
RST−C	**SRPC−3546−Q1_2008_OP15**	**PSPT−B**	**SRPC−3546−Q1_2008_OP15**

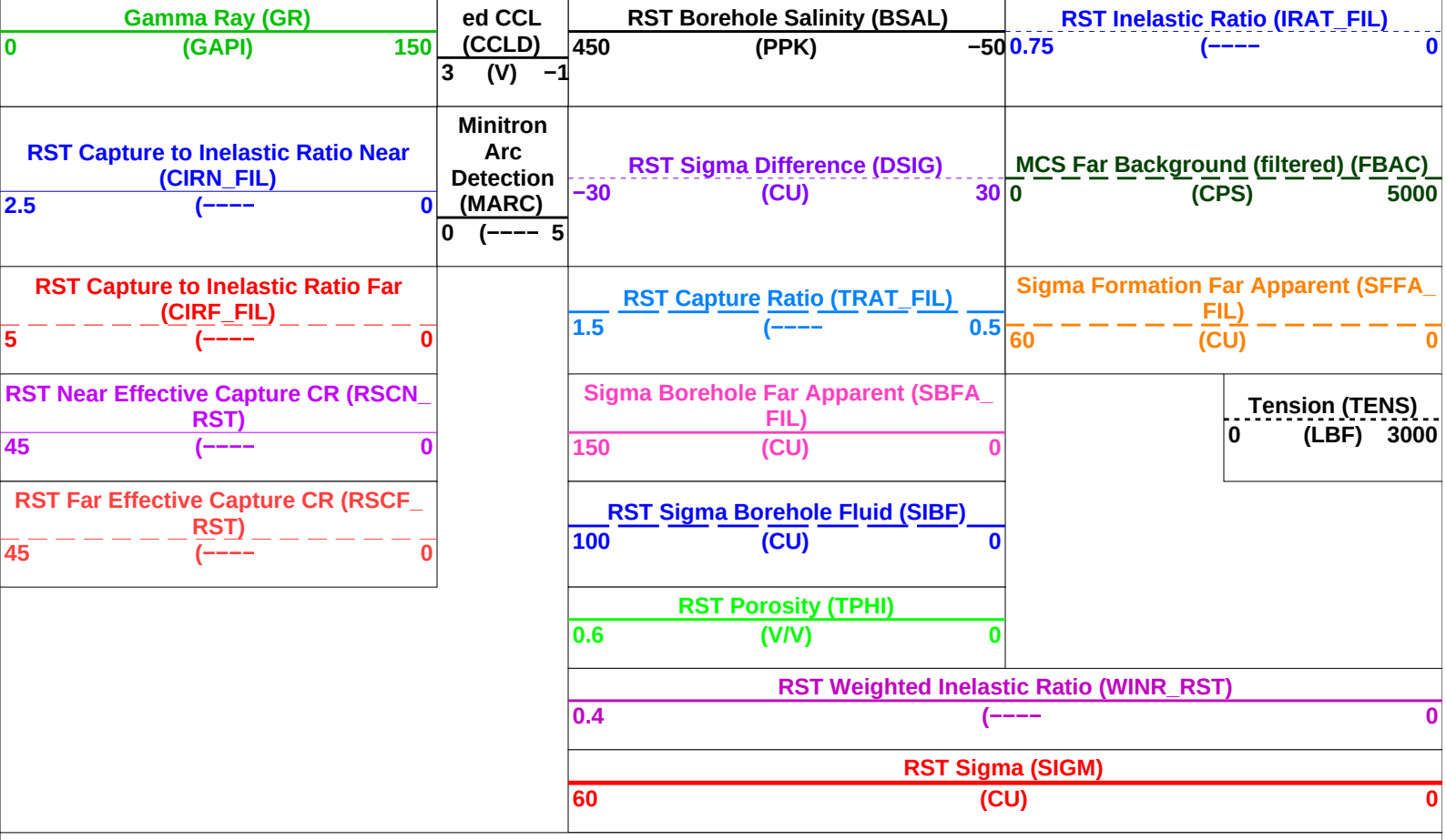
PIP SUMMARY

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
3150


WINR_RST
TENS
TPHI
3175
SIGM
SIBF
RSCF_RST
RSCN_RST
SBFA_FIL
SFFA_FIL
TRAT_FIL
DSIG
MARC
IRAT_FIL
GR
CCLD
CIRF_FIL
CIRN_FIL
BSAL
3200
Discriminat



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	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	0.4	M
PP	Playback Processing	NORMAL	

Format: RST_SIG_ANSW Vertical Scale: 1:200 Graphics File Created: 12−Jun−2008 11:54

OP System Version: 15C0−309

MCM

RST−C	SRPC−3546−Q1_2008_OP15	PSPT−B	SRPC−3546−Q1_2008_OP15

Input DLIS Files

DEFAULT	RST_PSP_023LUP	FN:22	PRODUCER	12−Jun−2008 11:14	3220.5 M	3138.7 M

Output DLIS Files

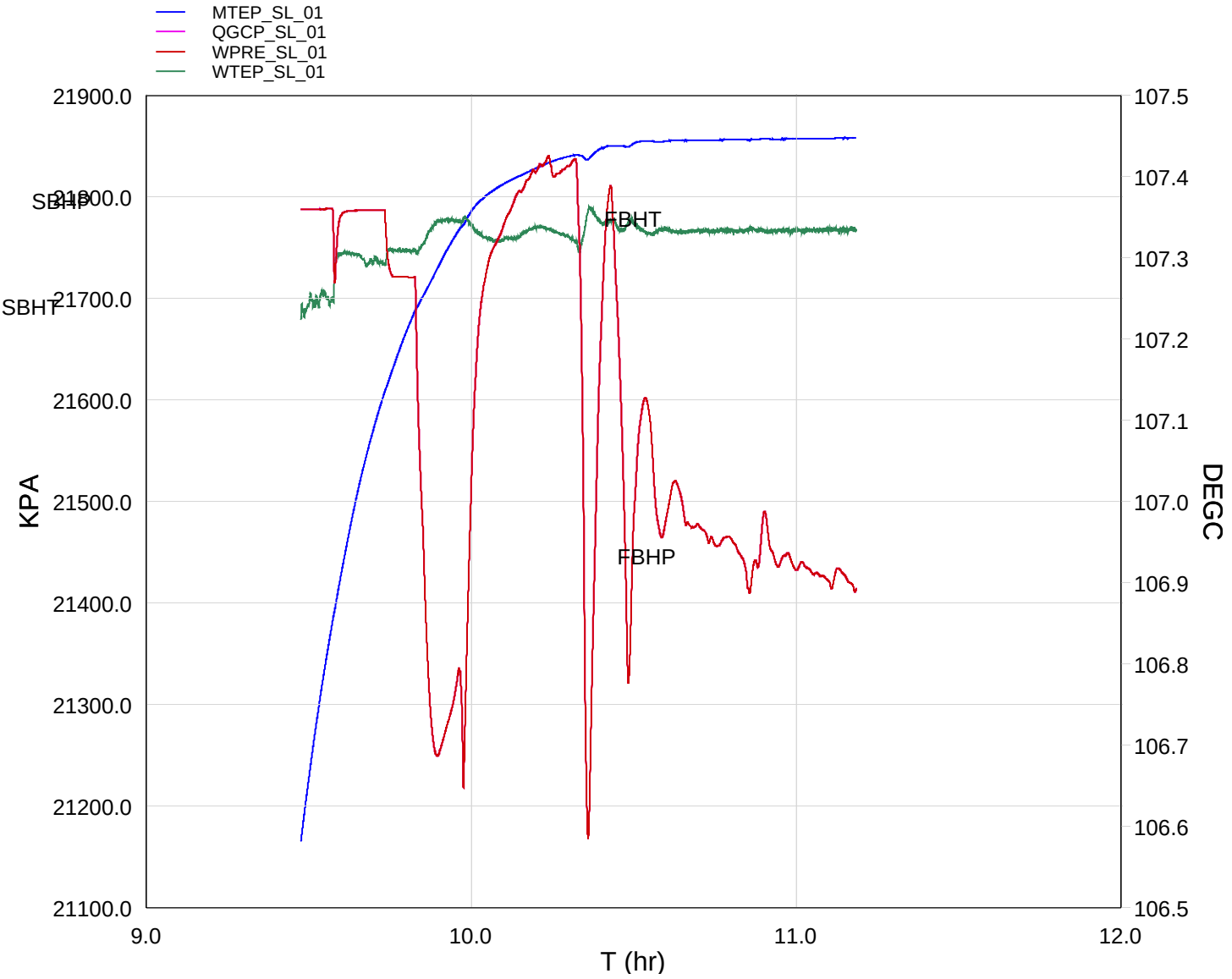
DEFAULT	RST_PSP_025PUP	FN:24	PRODUCER	12−Jun−2008 11:54		

DEFAULT RST_PSP_023.PSP FN:24 PRODUCER 12-Jun-2008 11:54

Schlumberger

Well Drawdown @ 3220.5m MDKB

MAXIS Field Log



TIME	DEGF	PSIA
9500.0	225.0384	3160.0947
9750.0	225.0423	3160.1508
10000.0	225.1489	3159.8933
10250.0	225.1432	3159.9414
10500.0	225.1557	3150.4625
10750.0	225.1628	3121.0348
11000.0	225.2217	3084.4442
11250.0	225.2270	3091.9872

11500.0	225.1825	3152.5976
11750.0	225.1805	3160.1674
12000.0	225.2073	3165.7064
12250.0	225.1981	3165.1605
12500.0	225.1570	3157.7467
12750.0	225.2187	3143.5289
13000.0	225.2023	3118.8904
13250.0	225.1972	3132.9380
13500.0	225.2075	3118.0050
13750.0	225.2012	3114.6595
14000.0	225.2032	3112.3415
14250.0	225.2020	3111.7415
14500.0	225.2035	3109.8052
14750.0	225.1995	3110.2348
15000.0	225.2012	3109.2199
15250.0	225.2034	3107.2082
15500.0	225.2039	3106.7485

Schlumberger

Static SIGMA Pass # 1

MAXIS Field Log

Company: Esso Australia Pty Ltd. **Well: A−4c**

Input DLIS Files

DEFAULT	RST_PSP_019LUP	FN:18	PRODUCER	12−Jun−2008 09:00	3224.3 M	3143.1 M

Output DLIS Files

DEFAULT	RST_PSP_021PUP	FN:20	PRODUCER	12−Jun−2008 09:22	3224.5 M	3138.2 M

OP System Version: 15C0−309

MCM

RST−C	SRPC−3546−Q1_2008_OP15	PSPT−B	SRPC−3546−Q1_2008_OP15

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

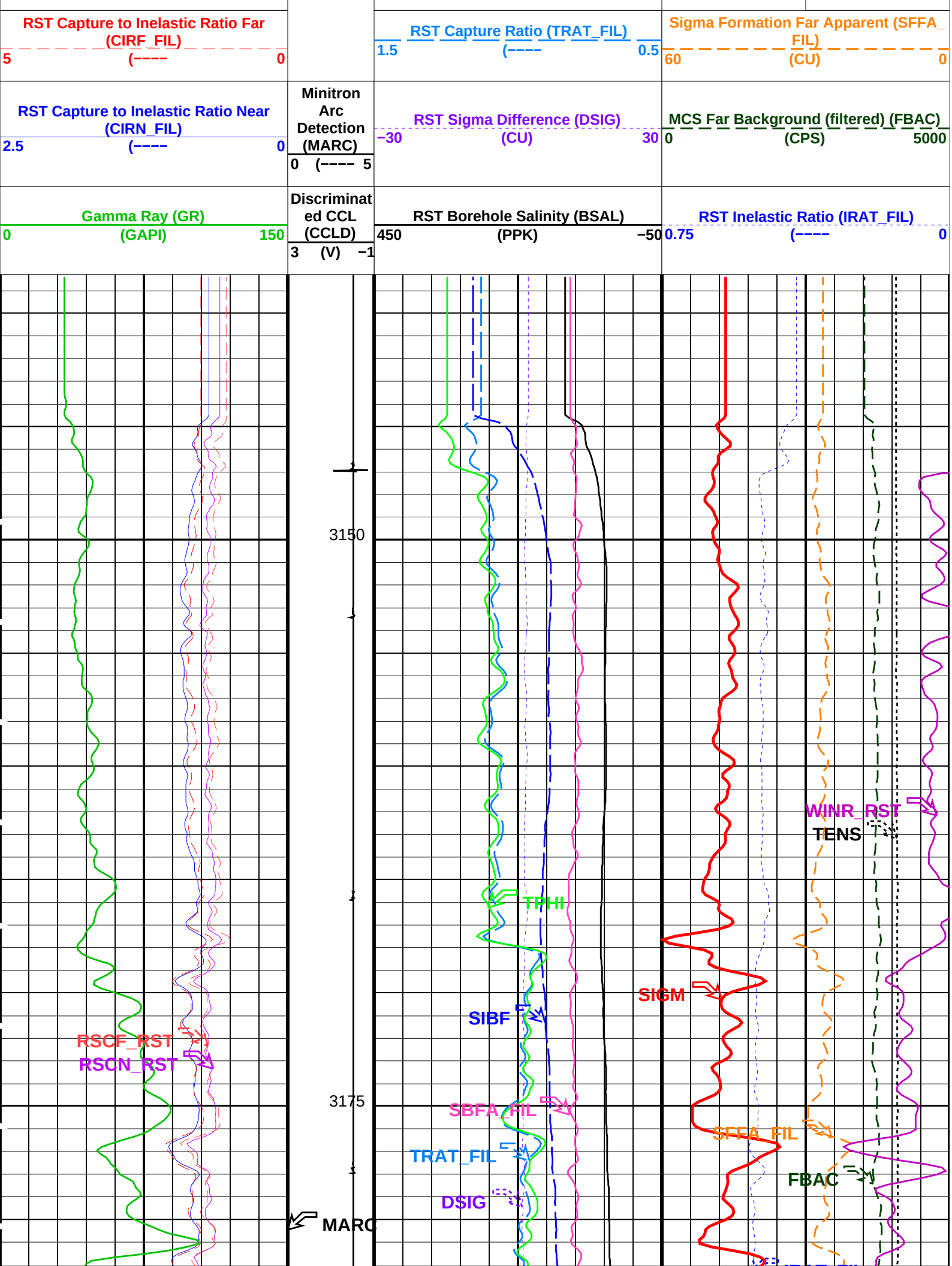
RST Far Effective Capture CR (RSCF_RST)
45 (−−−− 0

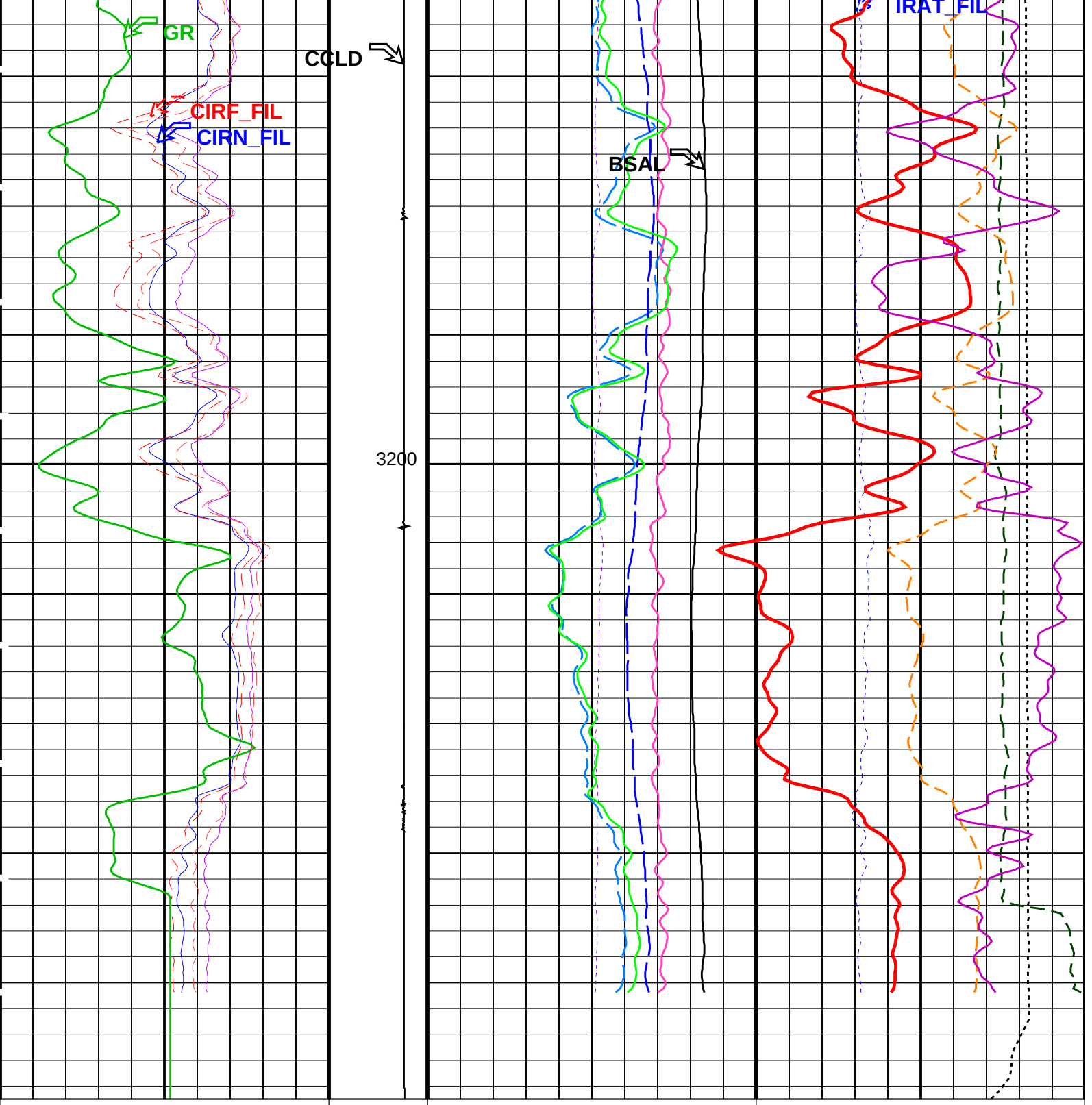
RST Sigma Borehole Fluid (SIBF)
100 (CU) 0

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

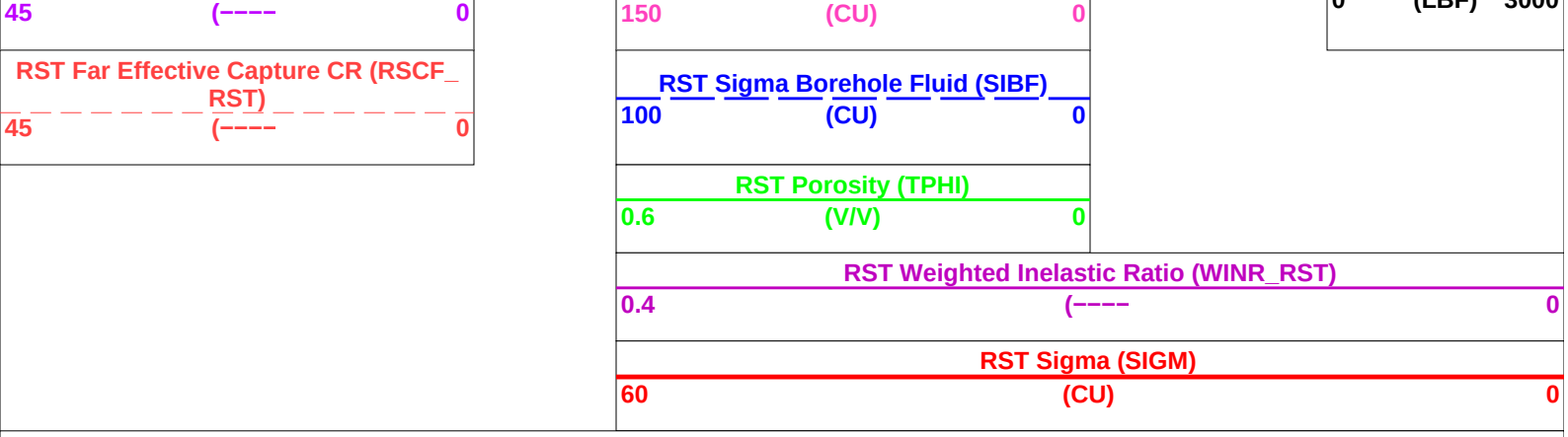
Sigma Borehole Far Apparent (SBFA_FIL)
150 (CU) 0

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
3150
3175
RSCF_RST
RSCN_RST
TPHI
SIBF
SBFA_FIL
TRAT_FIL
DSIG
MARC
SIGM
SFFA_FIL
FBAC
WINR_RST
TENS



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)		Sigma Borehole Far Apparent (SBFA_FIL)	Tension (TENS)



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	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	0.2	M
PP	Playback Processing	NORMAL	

Format: RST_SIG_ANSW Vertical Scale: 1:200 Graphics File Created: 12-Jun-2008 09:22

OP System Version: 15C0-309

MCM

RST-C	SRPC-3546-Q1_2008_OP15	PSPT-B	SRPC-3546-Q1_2008_OP15

Input DLIS Files

DEFAULT	RST_PSP_019LUP	FN:18	PRODUCER	12-Jun-2008 09:00	3224.3 M	3143.1 M

Output DLIS Files

DEFAULT	RST_PSP_021PUP	FN:20	PRODUCER	12-Jun-2008 09:22

Schlumberger

Gamma-Ray Pass

MAXIS Field Log

Company: Esso Australia Pty Ltd Well: A-4c

Company: Esso Australia Pty Ltd. Well: A 4C

Input DLIS Files

DEFAULT	RST_PSP_017LUP	FN:16	PRODUCER	12−Jun−2008 08:40	3229.8 M	3142.6 M

Output DLIS Files

DEFAULT	RST_PSP_018PUP	FN:17	PRODUCER	12−Jun−2008 08:53	3228.7 M	3136.5 M

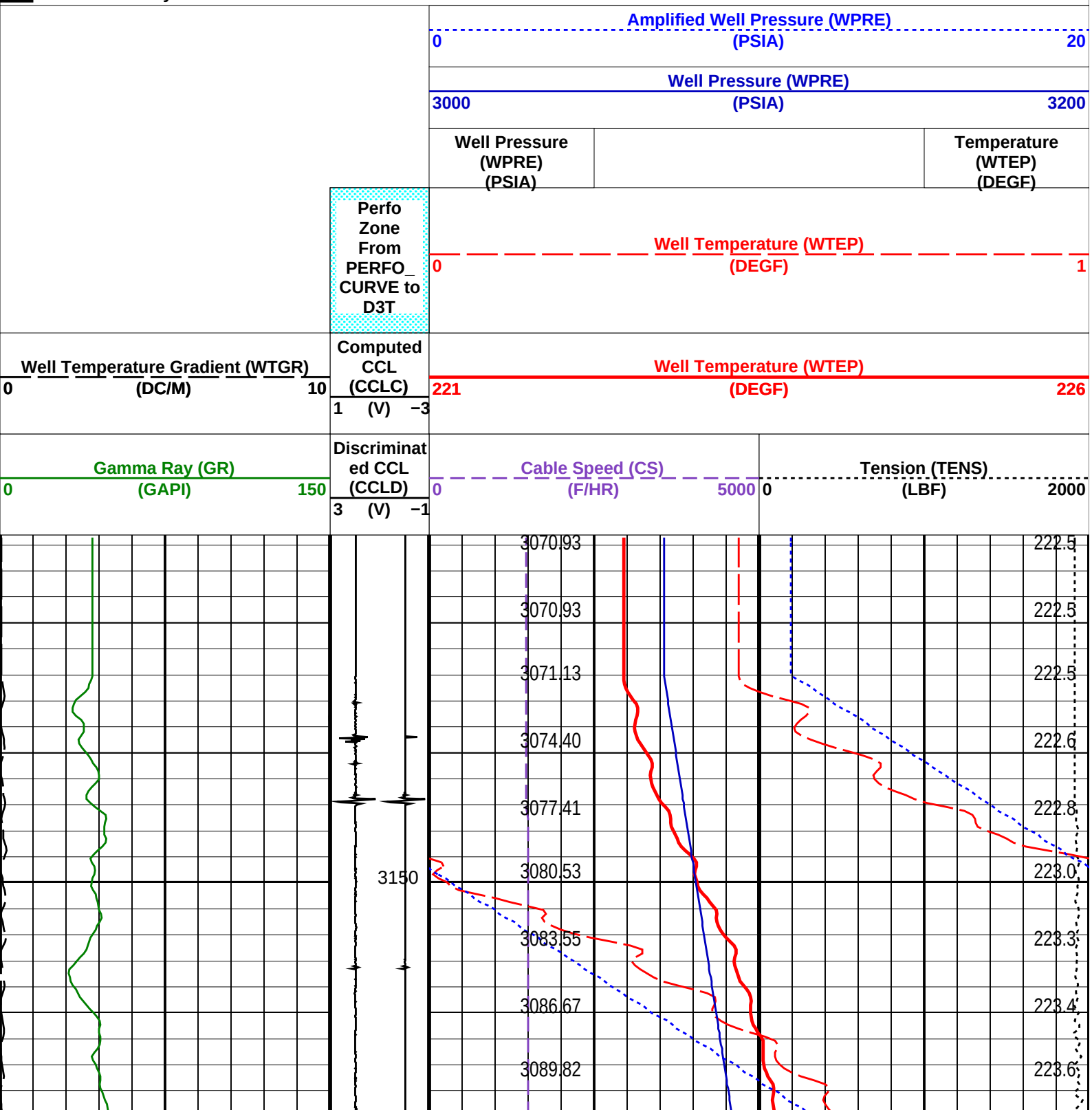
OP System Version: 15C0−309

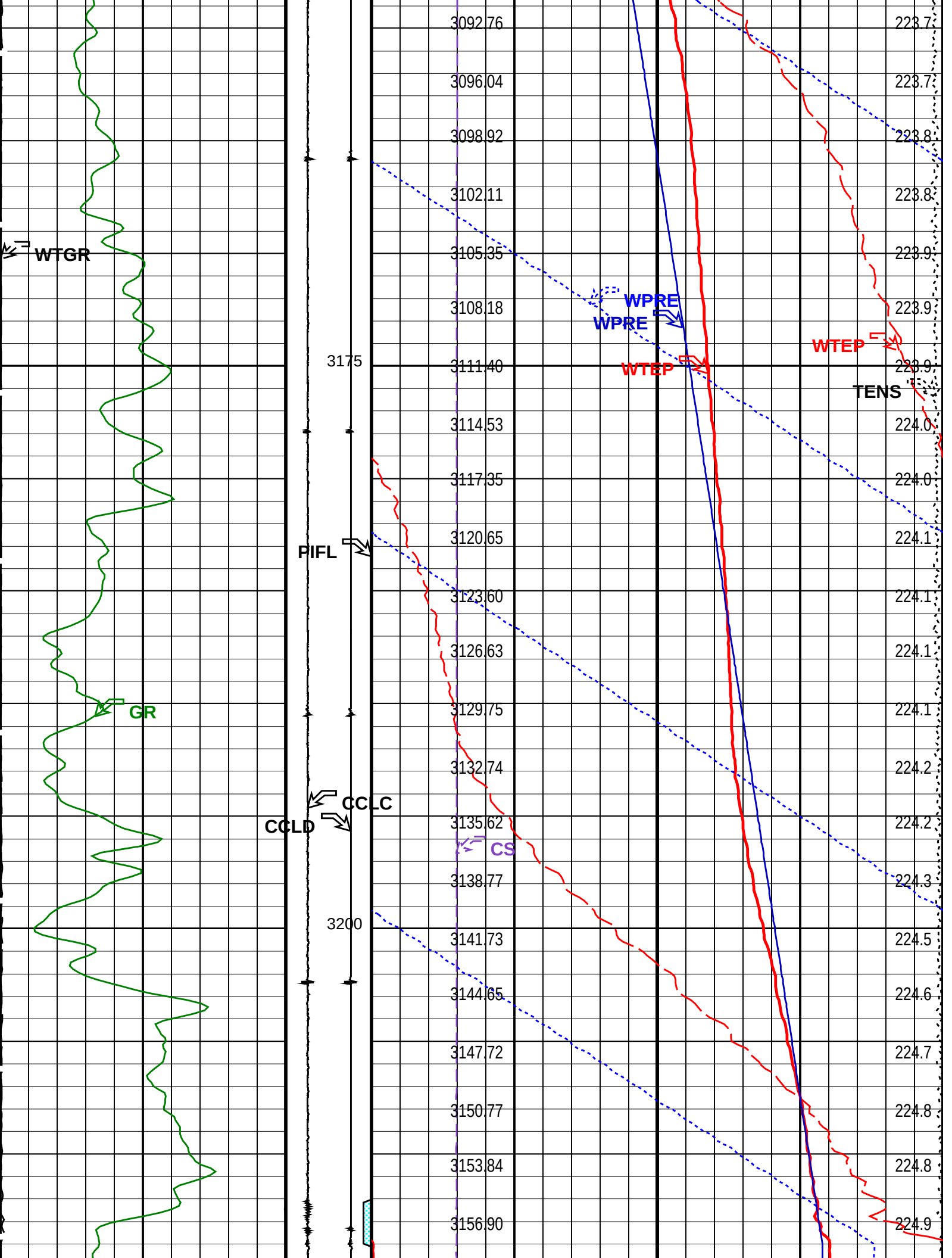
MCM

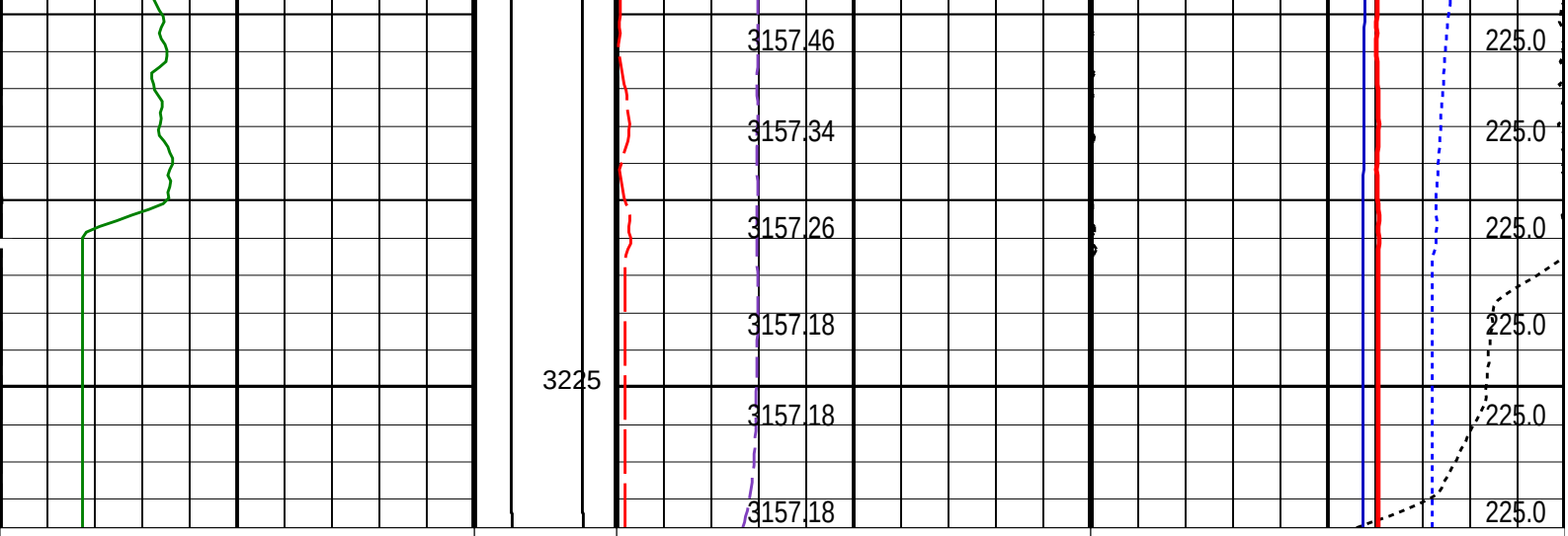
RST−C	SRPC−3546−Q1_2008_OP15	PSPT−B	SRPC−3546−Q1_2008_OP15

PIP SUMMARY

Time Mark Every 60 S




WTGR
GR
PIFL
CCLD
CCLC
CS
WPRE
WPRE
WTEP
WTEP
TENS
3092.76
3096.04
3098.92
3102.11
3105.35
3108.18
3111.40
3114.53
3117.35
3120.65
3123.60
3126.63
3129.75
3132.74
3135.62
3138.77
3141.73
3144.65
3147.72
3150.77
3153.84
3156.90
3175
3200
223.7
223.7
223.8
223.8
223.9
223.9
223.9
224.0
224.0
224.1
224.1
224.1
224.2
224.2
224.3
224.5
224.6
224.7
224.8
224.8
224.9



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)
221 (DEGF) 226

Perfo Zone From PERFO_CURVE to D3T

Well Temperature (WTEP)
0 (DEGF) 1

Well Pressure (WPRE) (PSIA)

Temperature (WTEP) (DEGF)

Well Pressure (WPRE)
3000 (PSIA) 3200

Amplified Well Pressure (WPRE)
0 (PSIA) 20

PIP SUMMARY

Time Mark Every 60 S

Format: PSP_1 Vertical Scale: 1:200 Graphics File Created: 12−Jun−2008 08:53

OP System Version: 15C0−309

MCM

RST−C	SRPC−3546−Q1_2008_OP15	PSPT−B	SRPC−3546−Q1_2008_OP15

Parameters

DLIS Name	Description	Value
	System and Miscellaneous	
DO	Depth Offset for Playback	−1.0 M
PP	Playback Processing	NORMAL

Input DLIS Files

DEFAULT	RST_PSP_017LUP	FN:16	PRODUCER	12−Jun−2008 08:40	3229.8 M	3142.6 M

Output DLIS Files

DEFAULT	RST_PSP_018PUP	FN:17	PRODUCER	12−Jun−2008 08:53

Company: Esso Australia Pty Ltd

Company: **Esso Australia Pty Ltd.**

Schlumberger

Well: **A−4c**
Field: **Fortescue**
Rig: **Crane / Prod 4**
Country: **Australia**

RST−C
Static & Flowing
Sigma Survey