

Company: Esso Australia Pty Ltd.

Well: BMA A-5a

Field: Bream

Rig: ISS RIG 22/PROD 2 Country: Australia

RST-C

Sigma Log

6-Feb-2007

Bass Strait		Elev.: K.B. 33.5 m
Gippsland		G.L. -59 m
Basin		D.F. 33.2 m
Permanent Datum:	Mean Sea Level	Elev.: 0 m
Log Measured From:	Drill Floor	33.2 m above Perm. Datum
Drilling Measured From:	Drill Floor	

State: Victoria	Max. Well Deviation 58 deg	Longitude 147° 46' 15.7"E	Latitude 38° 30' 2.5"S
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	6-Feb-2007			
	1			
	2709 m			
Depth	2706 m Tagged			
Interval	2706 m			
	2500 m			
Fluids	Production Fluids.			
	7.9 g/cm3			
BIT/CASING/TUBING STRING				
	8.500 in			
	883 m			
	2809 m			
Size	7.000 in			
	29 lbm/ft			
	L-80			
	11.7 m			
	2809 m			
Recorded Temperatures				
From	98 degC			
Time	6-Feb-2007		6:25	
Location	3827	AUSL		
	O.Darby / B.Donahoe / A.Sword			
	Mr J.Dean/Mr D.Broomfield			

PVT DATA				Run 1	Run 2	Run 3
Oil Density						
Water Salinity						
Gas Gravity						
Bo						
Bw						
1/Bq						
Bubble Point Pressure						
Bubble Point Temperature						
Solution GOR						
Maximum Deviation	58 deg					
CEMENTING DATA						
Primary/Squeeze	Primary					
Casing String No						
Lead Cement Type						
Volume						
Density						
Water Loss						
Additives						
Tail Cement Type						
Volume						
Density						
Water Loss						
Additives						
Expected Cement Top						
Logging Date						
Run Number						
Depth Driller						
Schlumberger Depth						
Bottom Log Interval						
Top Log Interval						
Casing Fluid Type						
Salinity						
Density						
Fluid Level						
BIT/CASING/TUBING STRING						
Bit Size						
From						
To						
Casing/Tubing Size						
Weight						
Grade						
From						
To						
Maximum Recorded Temperatures						
Logger On Bottom						
Unit Number						
Recorded By						
Witnessed By						

DEPTH SUMMARY LISTING

Date Created: 4-FEB-2007 0:04:02

Depth System Equipment

Depth Measuring Device		Tension Device		Logging Cable	
Type:	IDW-E	Type:	CMTD-B/A	Type:	2-32ZT
Serial Number:	727	Serial Number:	1711	Serial Number:	24031
Calibration Date:	23-Mar-2006	Calibration Date:	01-Dec-2006	Length:	5650.08 M
Calibrator Serial Number:	9	Calibrator Serial Number:	1173	Conveyance Method:	Wireline
Calibration Cable Type:	2-32ZT	Calibration Gain:	1.01	Rig Type:	Offshore_Fixed
Wheel Correction 1:	-1	Calibration Offset:	695.00		
Wheel Correction 2:	-2				

Depth Control Parameters

Log Sequence:	Subsequent Log In the Well
Reference Log Name:	Solar Composite
Reference Log Run Number:	
Reference Log Date:	Not provided





Depth Control Remarks

1. Log Correlated to Esso Composite Log
2. Primary depth control was the IDW
3. Secondary depth control was the Z-Chart
- 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	OTHER SERVICES2
OS1: 2 1/8" Enerjet	OS1:
OS2: Powerjet Perforation	OS2:
OS3: Dummy run	OS3:
OS4: HPI	OS4:
OS5:	OS5:
REMARKS: RUN NUMBER 1	REMARKS: RUN NUMBER 2
All logs correlated to Esso Solar Composite log provided by client.	
Objective:	
RIH to HUD conduct GR Baseline pass and correlate to Solar composite log.	
RIH to HUD again and log RST in Sigma mode from HUD to 2500m MDKB,	
Making two passes at 900ft/hr with the well shut-in, POOH.	

Matrix = Sandstone, CSIZ = 7", CWEI = 29lbm/ft					
HUD +2706m MDKB					
Schlumberger crew:					
Days: Peter Battams (Crew Chief), Gerald Brady					
Nights: Dave Stuckey (Crew Chief), Simon Kiss					
RUN 1			RUN 2		
SERVICE ORDER #:			SERVICE ORDER #:		
PROGRAM VERSION: 14C0-302			PROGRAM VERSION:		
FLUID LEVEL:			FLUID LEVEL:		
LOGGED INTERVAL	START	STOP	LOGGED INTERVAL	START	STOP
EQUIPMENT DESCRIPTION					
RUN 1			RUN 2		
SURFACE EQUIPMENT					
WITM-A PSC_16MHZ					
DOWNHOLE EQUIPMENT					
MH-SWHS MH-SWHS 759		13.68			
EQF-46 EQF-46 210		13.20			
EQF-46 EQF-46 211		11.37			
PSPT-B PSC-A PSPT-B 1747 PSTC PBMS-B CQG_F_Mano RTD_Thermometer GR CCL PBMS-1747	Detail MT TelStatus CTEM GR Well_Temp CQG Manom CCL PBMS PSTC	9.54 8.41 7.48 7.37 7.25 7.02			
RST-C RSCH-A 98 RSC-C 94 RSS-A RSXH-A 179 RSX-C		7.02			

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 2.13 IN
MEASUREMENTS RELATIVE TO TOOL ZERO
ALL LENGTHS IN METERS

Client: Esso Australia

Drawing Date: 2/7/2007

Well: BMA A5a

Field: Bream

Rig Name: ISS Rig22

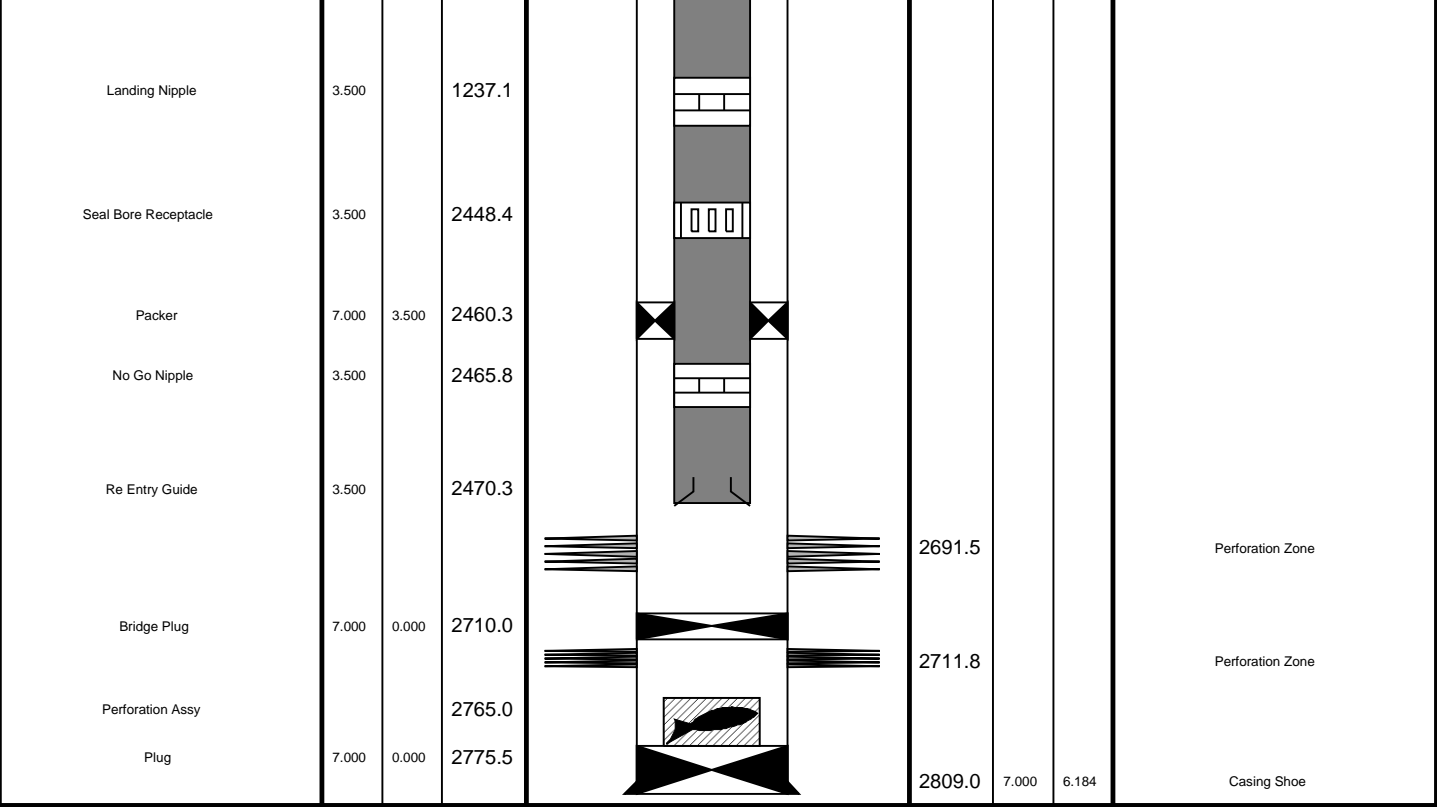
State: Victoria

Reference Datum: Mean Sea Level

Country: Australia

Elevation: 33.5 m

Production String	(in)		(m)	Well Schematic	(m)		(in)	Casing String
	OD	ID	MD		MD	OD	ID	
Tubing	3.500	2.992	11.0		13.2	13.375	12.615	Casing String
SSSV	3.500		451.5					
Side Pocket Mandrel	3.500		518.0					
Side Pocket Mandrel	3.500		912.8		883.0	13.375	12.615	Casing Shoe
Side Pocket Mandrel	3.500		1220.9					



Job Events Summary

MAXIS Field Log

Schlumberger Job Event Summary

Time	Elapsed Time	Depth (M)	File
Simulated Log	5-Feb-2007 22:22	000:07	RST_PSP_005LDP
OP Checked RST			
Rig Up Started	6-Feb-2007 2:40		
Log Pass (up)	6-Feb-2007 6:45	000:21	2718.7 - 2458.2 RST_PSP_020LUP
GR baseline pass			
Log Pass (up)	6-Feb-2007 7:52	000:55	2718.7 - 2457.0 RST_PSP_021LUP
RST sigma first pass			
Log Pass (up)	6-Feb-2007 9:00	000:56	2718.7 - 2460.7 RST_PSP_022LUP
RST sigma second pass			
Rig Down Completed	6-Feb-2007 11:45		

Company: Esso Australia Pty Ltd.

Well: BMA A-5a

Input DLIS Files

DEFAULT	RST_PSP_021LUP	FN:20	PRODUCER	06-Feb-2007 07:52	2718.7 M	2457.0 M
DEFAULT	RST_PSP_022LUP	FN:21	PRODUCER	06-Feb-2007 09:00	2718.7 M	2460.7 M

Output DLIS Files

RST_	RST_PSP_095PUC	FN:94	CUSTOMER	08-Feb-2007 13:54
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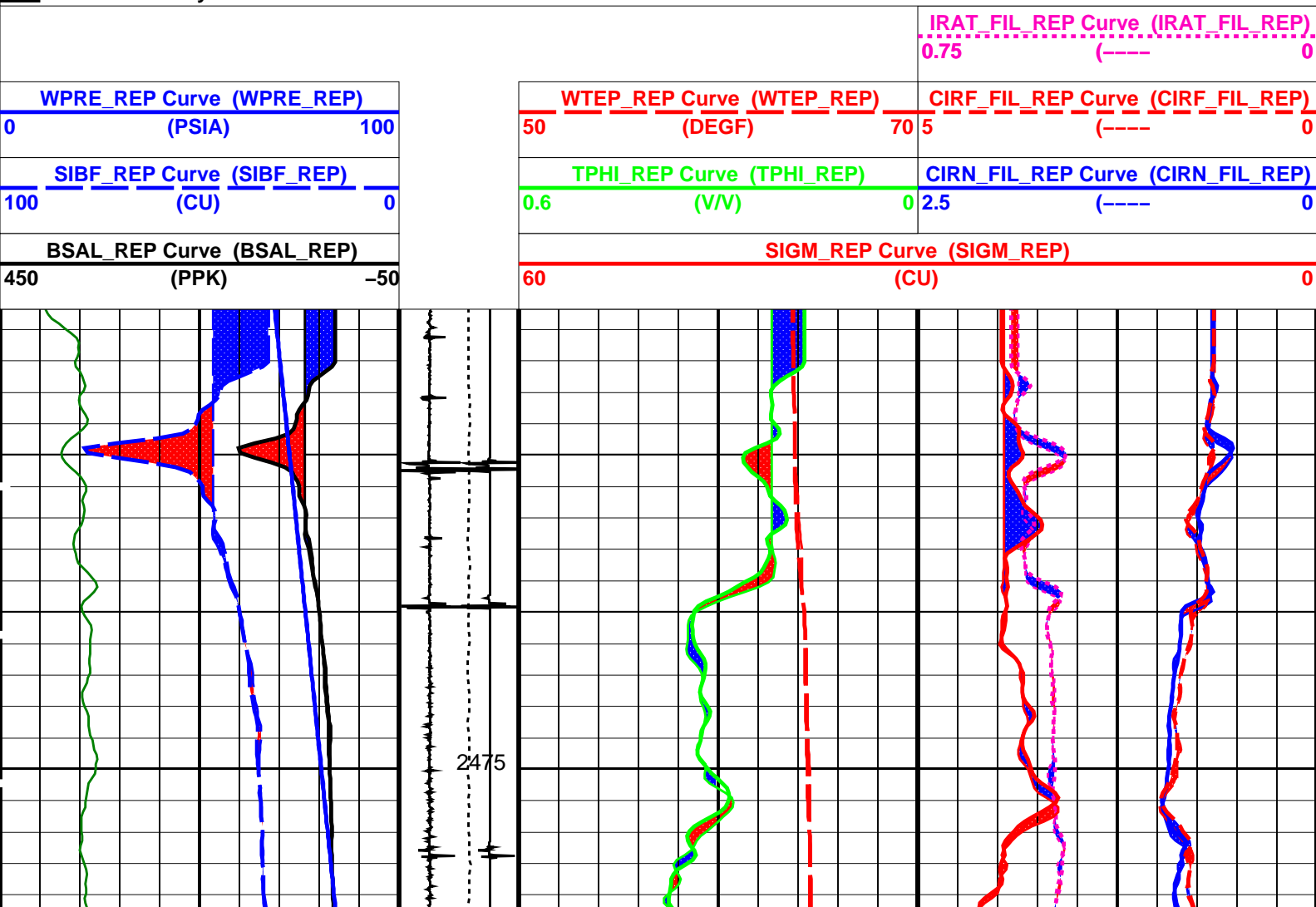
OP System Version: 14C0-302

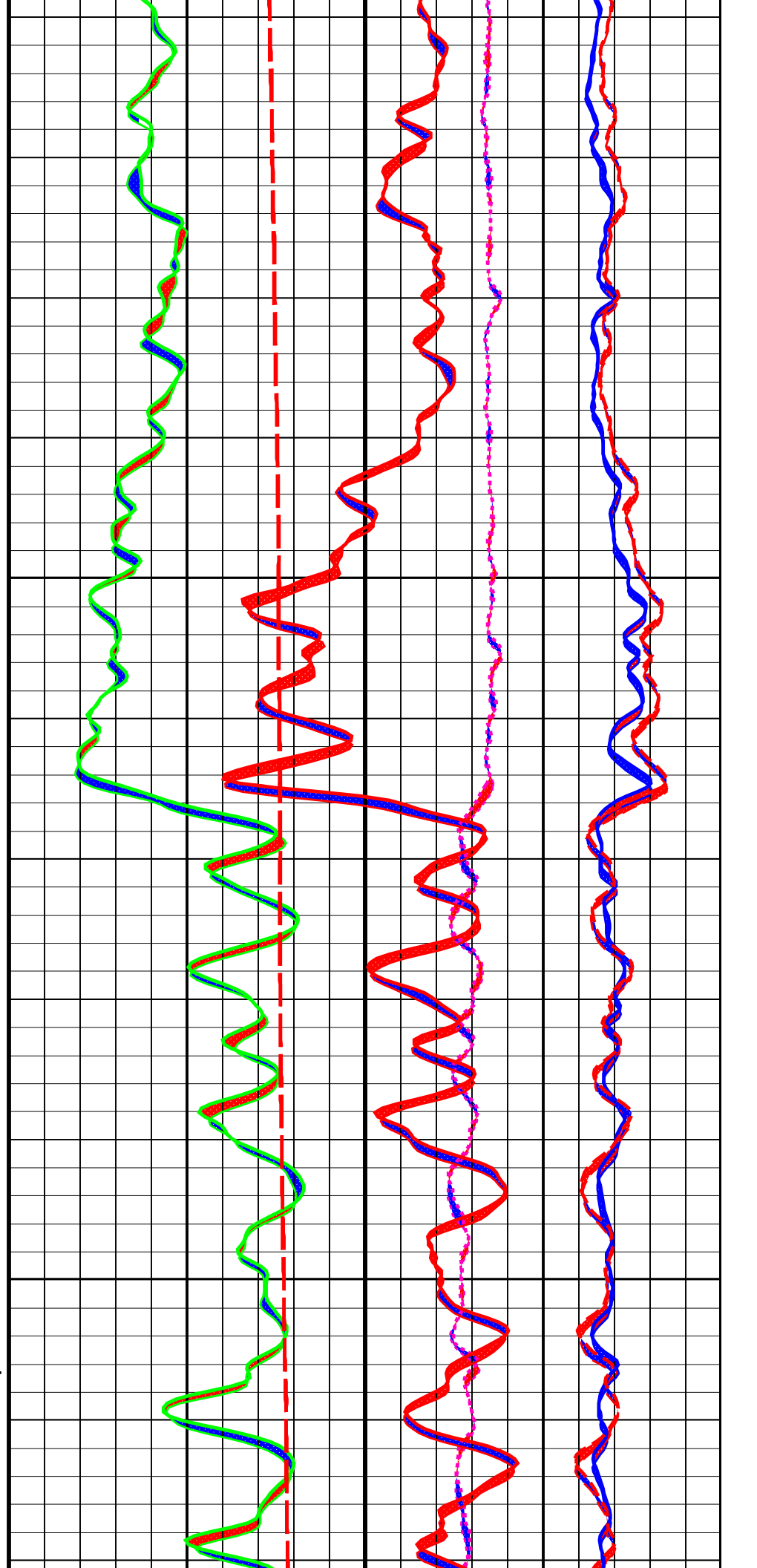
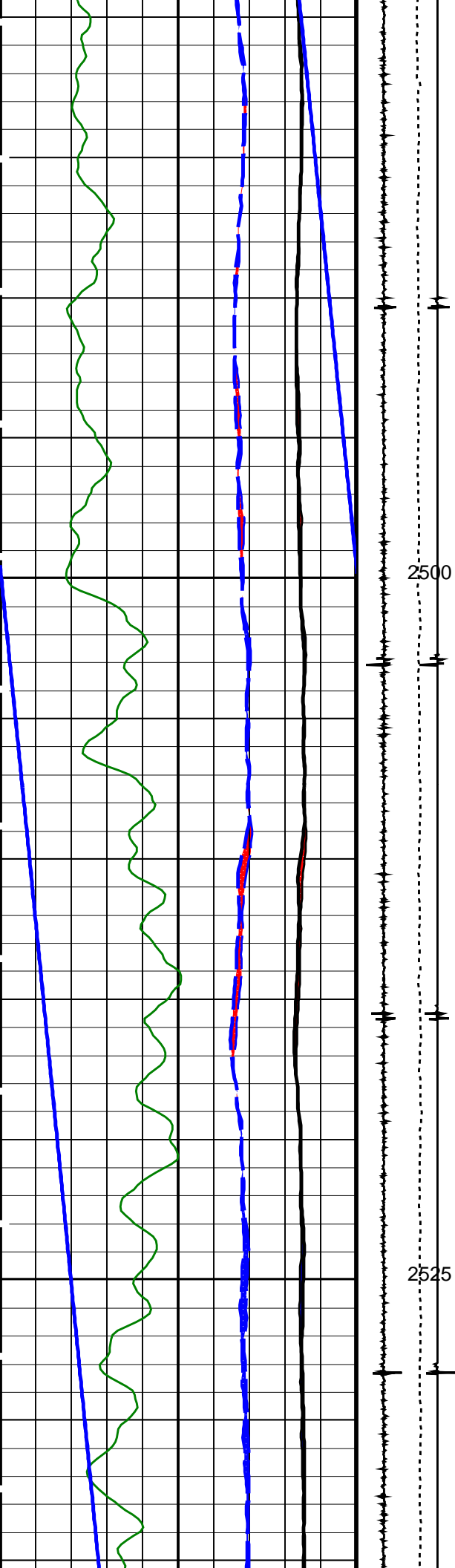
MCM

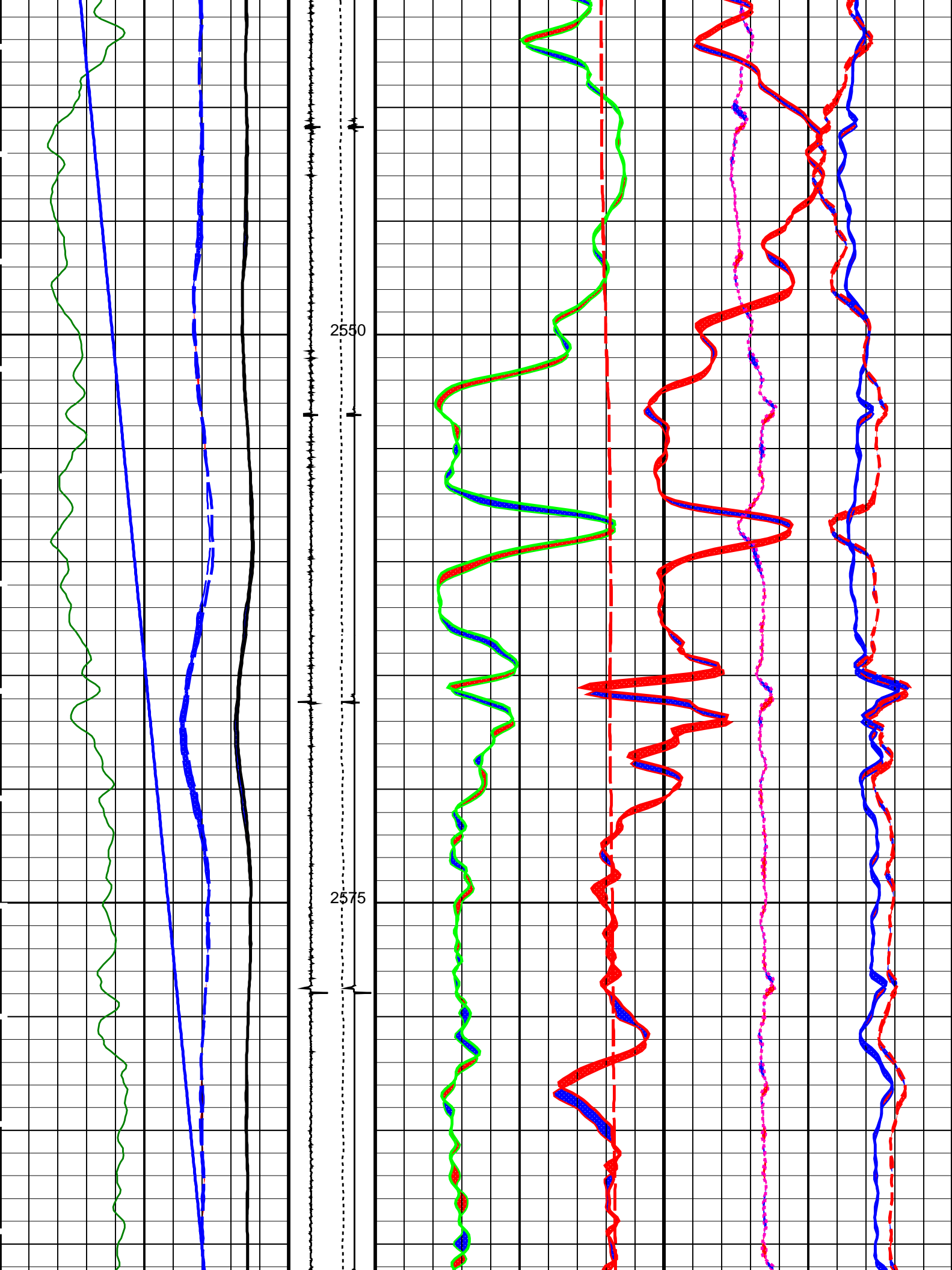
RST-C	PTC-3268-NUCL_b	PSPT-B	14C0-302
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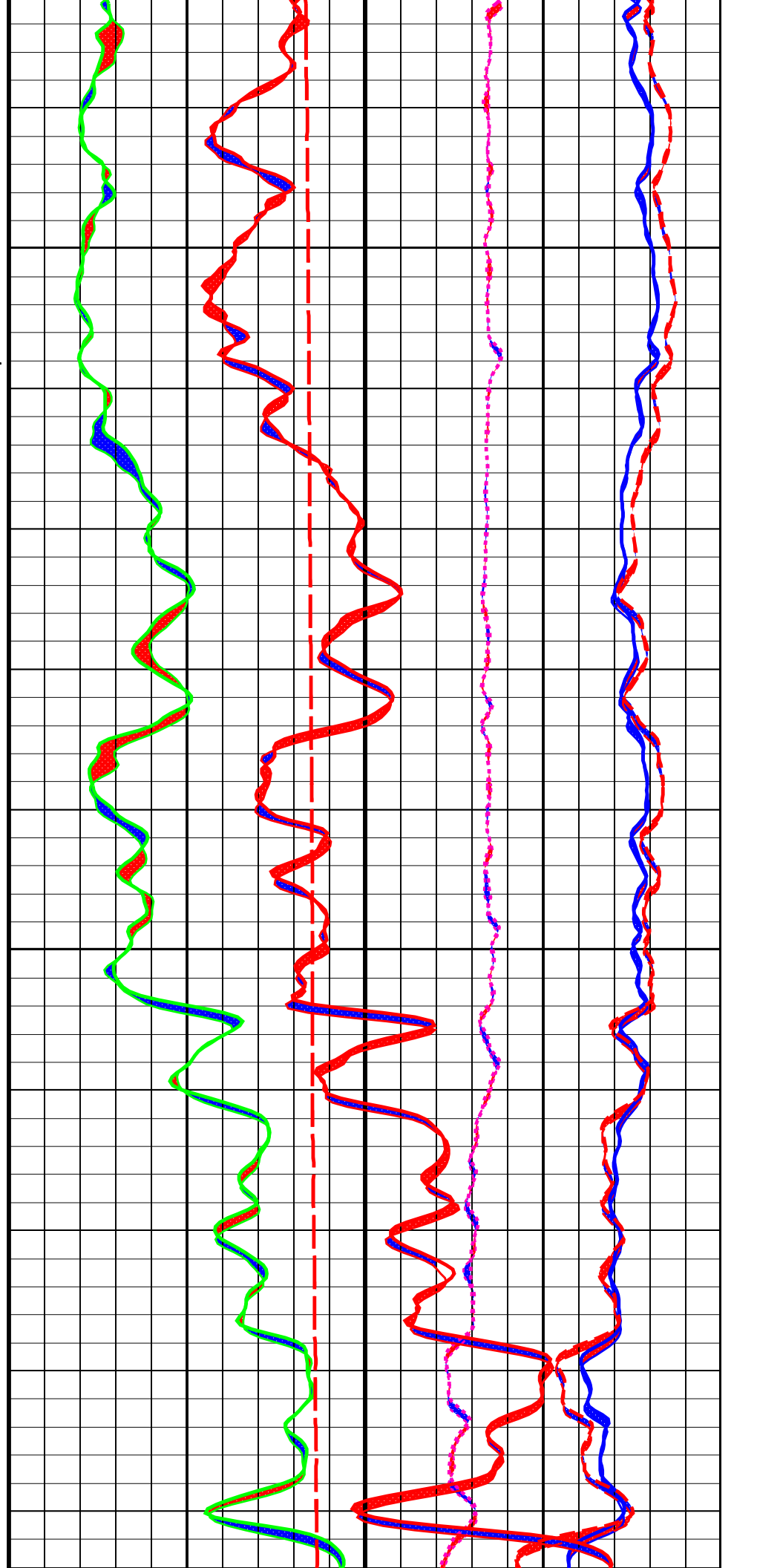
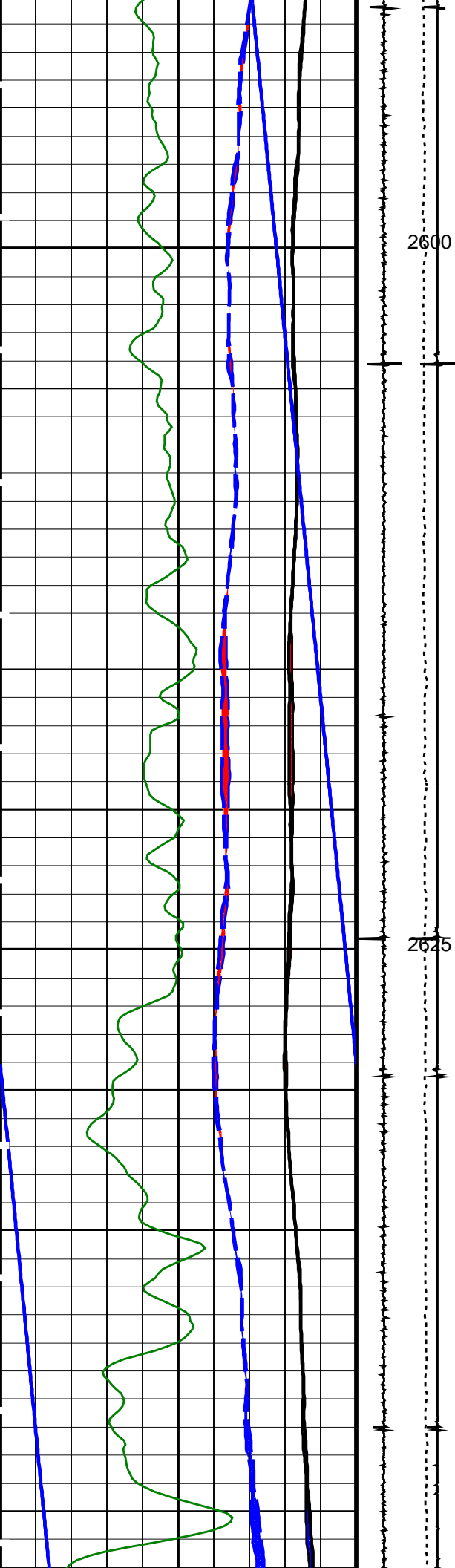
PIP SUMMARY

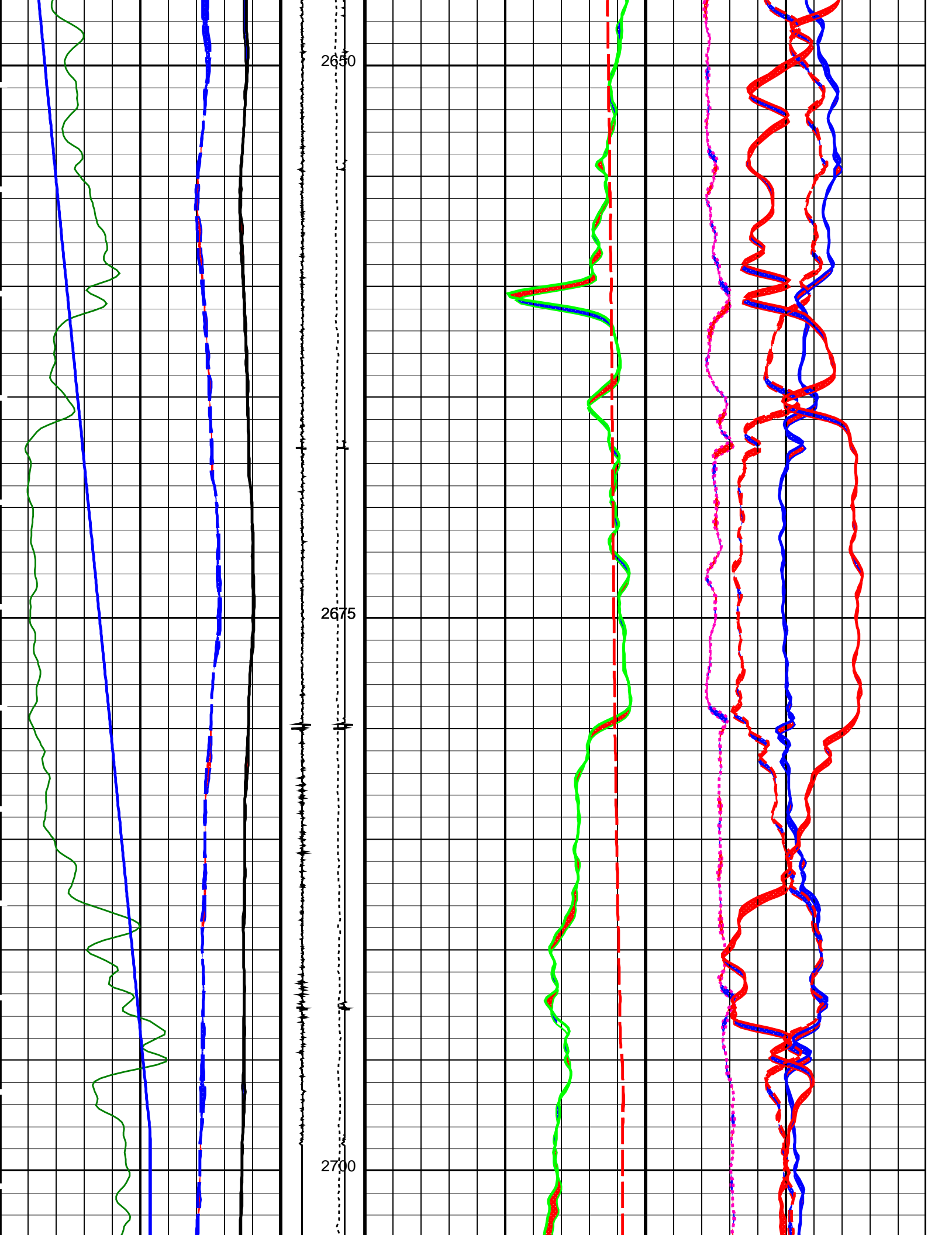
Time Mark Every 60 S

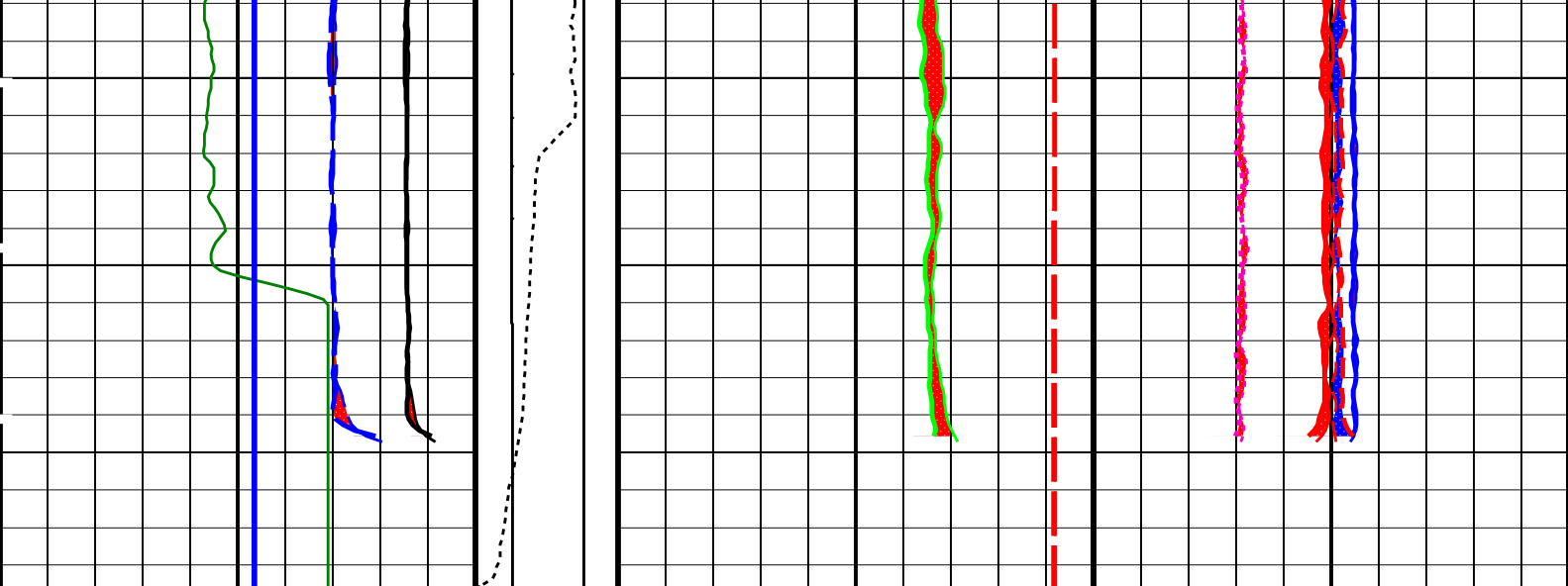












BSAL_REP Curve (BSAL_REP)		SIGM_REP Curve (SIGM_REP)	
450	(PPK)	60	0
SIBF_REP Curve (SIBF_REP)		TPHI_REP Curve (TPHI_REP)	
100	(CU)	0.6	0
WPRE_REP Curve (WPRE_REP)		CIRM_FIL_REP Curve (CIRM_FIL_REP)	
0	(PSIA)	2.5	0
		WTEP_REP Curve (WTEP_REP)	
		50	70
		CIRF_FIL_REP Curve (CIRF_FIL_REP)	
		5	
		IRAT_FIL_REP Curve (IRAT_FIL_REP)	
		0.75	

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
RST-C: Reservoir Saturation Pro Tool C			
	Tractor Available in Tool String	NO	
AIRB	RST Air Borehole	No	
BHS	Borehole Status	CASED	
BHT	Bottom Hole Temperature (used in calculations)	100	DEGC
BSALOPT	RST Borehole Salinity Option	Unknown	
BSFL	RST Borehole Salinity Filter Length	51	
CSID	Casing Size I.D.	6.184	IN
DFPC	RST Depth Filter Processing Constant	One	
DFPC_TDTL	RST Depth Filter Processing Constant (TDT-like)	Two	
GCSE	Generalized Caliper Selection	BS	
GDEV	Average Angular Deviation of Borehole from Normal	0	DEG
GGRD	Geothermal Gradient	0.018227	DC/M
GRSE	Generalized Mud Resistivity Selection	CHART_GEN_9	
GTSE	Generalized Temperature Selection	LINEAR_ESTIMATE	
ISSBAR	Barite Mud Switch	NOBARITE	
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
PTIER	RST Tiered Presentation Selection	0_Customer	
PVL_PSNT_PRST	PVL Peak Signal/Noise Threshold	3	
RGAI	Near/Far Gain Calibration Ratio	1	
SHT	Surface Hole Temperature	20	DEGC
SMBMO	RST Sigma Mode Background (Minitron Off)	No	
TIER_IC	RST IC Acquisition Mode	0_CO_Yield_and_Spectrolith	
TIER_SIGM	RST Sigma Acquisition Mode	0_RST_Sigma	
WOFSL_PRST	RST WFL-Off Subcycle Length	0	
WONSL_PRST	RST WFL-On Subcycle Length	0	
WSCOM_PRST	RST Station Log Comment		
PSPT-B: Production Services Logging Platform			
BHS	Borehole Status	CASED	
BHT	Bottom Hole Temperature (used in calculations)	100	DEGC
CSID	Casing Size I.D.	6.184	IN
GCSE	Generalized Caliper Selection	BS	
GDEV	Average Angular Deviation of Borehole from Normal	0	DEG
GGRD	Geothermal Gradient	0.018227	DC/M
GRSE	Generalized Mud Resistivity Selection	CHART_GEN_9	
GTSE	Generalized Temperature Selection	LINEAR_ESTIMATE	


GTSE	Generalized Temperature Selection	LINEAR ESTIMATE	
ISSBAR	Barite Mud Switch	NOBARITE	
MATR	Rock Matrix for Neutron Porosity Corrections	SANDSTONE	
PBPO	PBMS Tool position on CAN	2	
PCCG	PBMS CCL Gain	DB12	
PSTP	PSTC Tool Position on CAN Bus	1	
SHT	Surface Hole Temperature	20	DEGC
System and Miscellaneous			
ALTDPCCHAN	Name of alternate depth channel	SpeedCorrectedDepth	
BS	Bit Size	8.500	IN
BSAL	Borehole Salinity	-50000.00	PPM
CSIZ	Current Casing Size	7.000	IN
CWEI	Casing Weight	29.00	LB/F
DFD	Drilling Fluid Density	7.90	G/C3
DO	Depth Offset for Playback	0.0	M
DORL	Depth Offset for Repeat Analysis	0.0	M
MST	Mud Sample Temperature	-50000.00	DEGC
PBVSADP	Use alternate depth channel for playback	NO	
PP	Playback Processing	NORMAL	
RMFS	Resistivity of Mud Filtrate Sample	-50000.0000	OHMM
RW	Resistivity of Connate Water	1.0000	OHMM
TD	Total Depth	-50000	M
TDD	Total Depth - Driller	2709.00	M
TDL	Total Depth - Logger	2706.00	M
TWS	Temperature of Connate Water Sample	37.78	DEGC

Format: RST_SIG_ANSW_REP

Vertical Scale: 1:200

Graphics File Created: 08-Feb-2007 13:54

OP System Version: 14C0-302						
MCM						
RST-C	PTC-3268-NUCL_b	PSPT-B		14C0-302		
Input DLIS Files						
DEFAULT	RST_PSP_021LUP	FN:20	PRODUCER	06-Feb-2007 07:52	2718.7 M	2457.0 M
DEFAULT	RST_PSP_022LUP	FN:21	PRODUCER	06-Feb-2007 09:00	2718.7 M	2460.7 M
Output DLIS Files						
RST_	RST_PSP_095PUC	FN:94	CUSTOMER	08-Feb-2007 13:54		

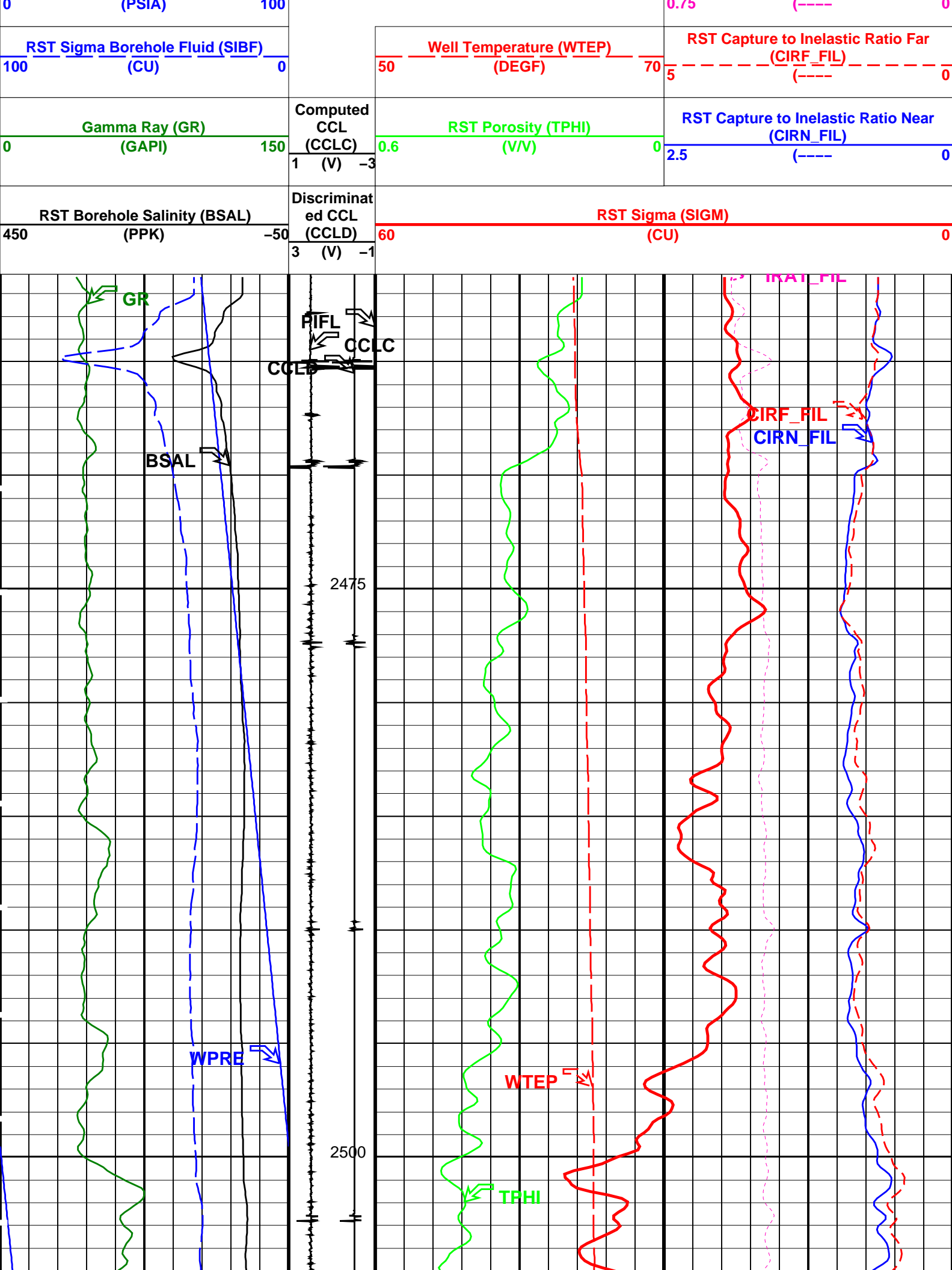


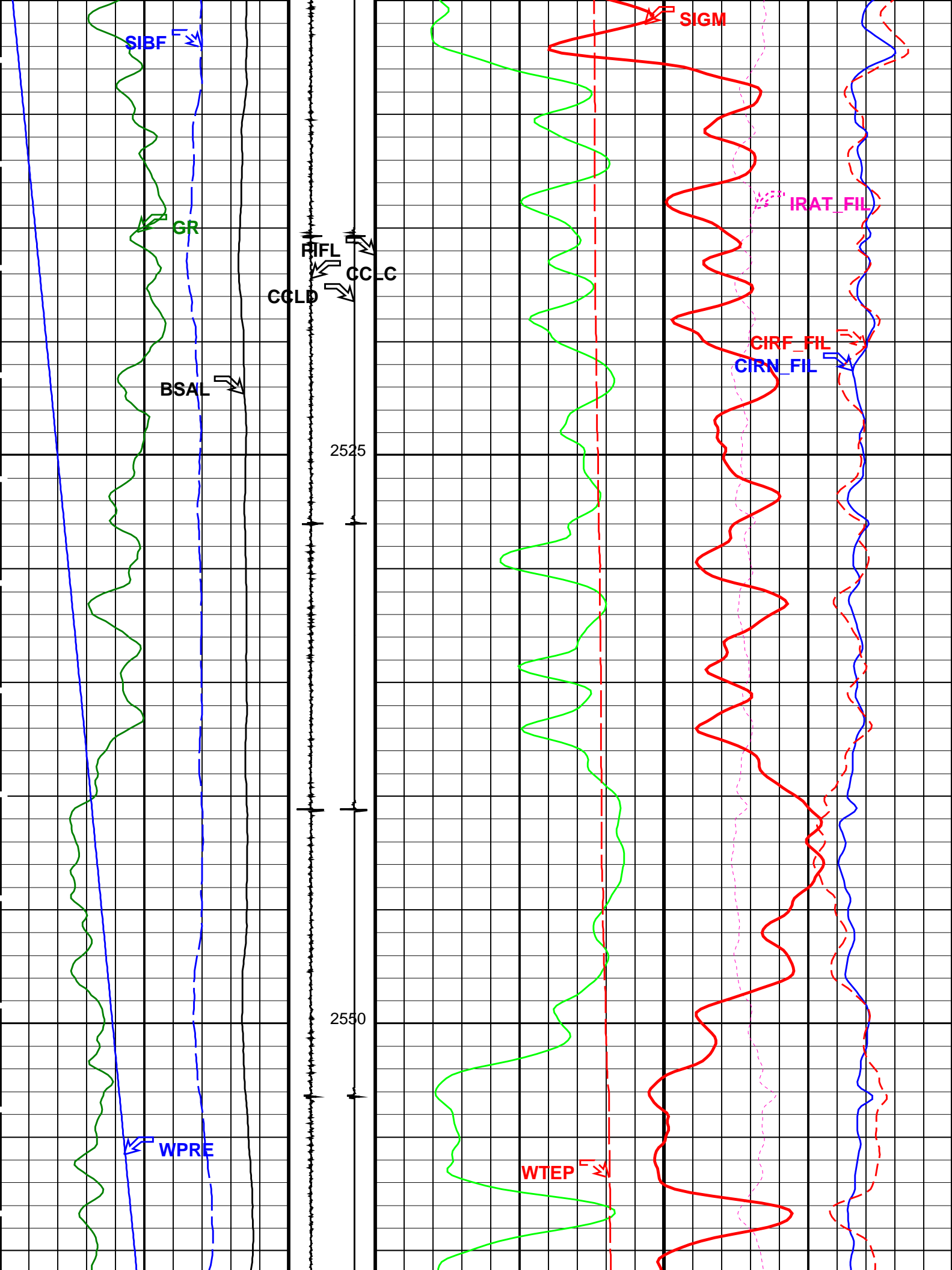
RST-C Sigma

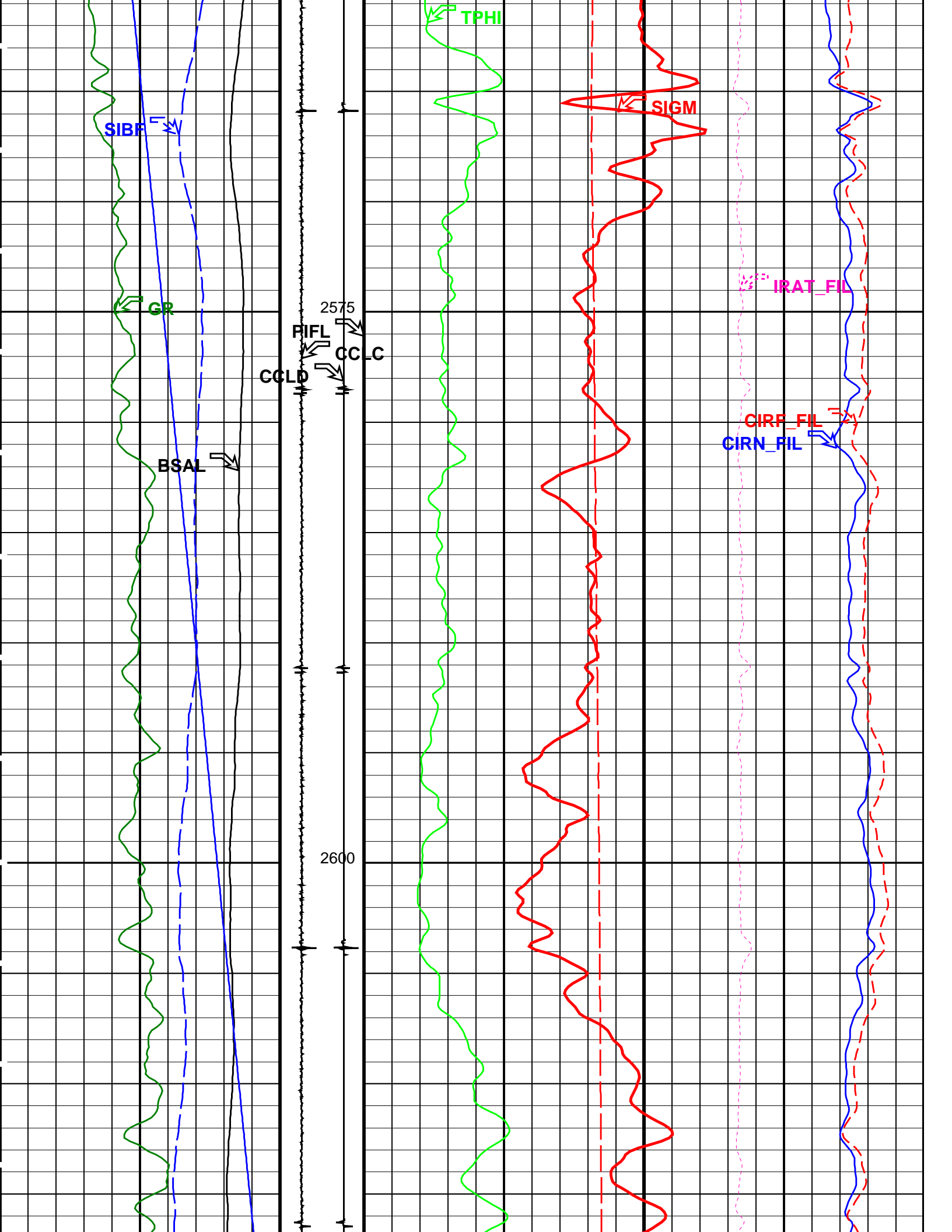
TDT Pass # 2

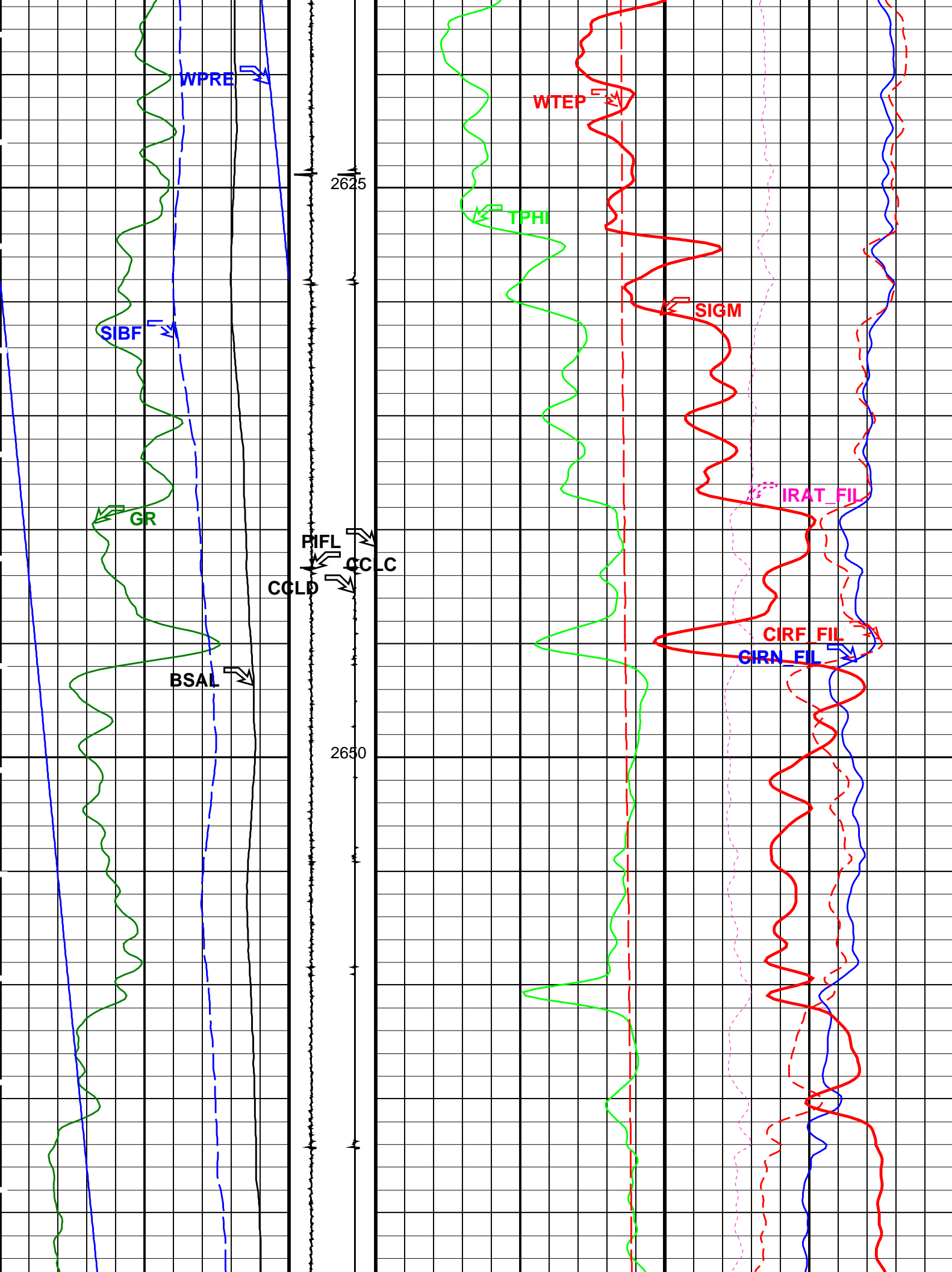
MAXIS Field Log

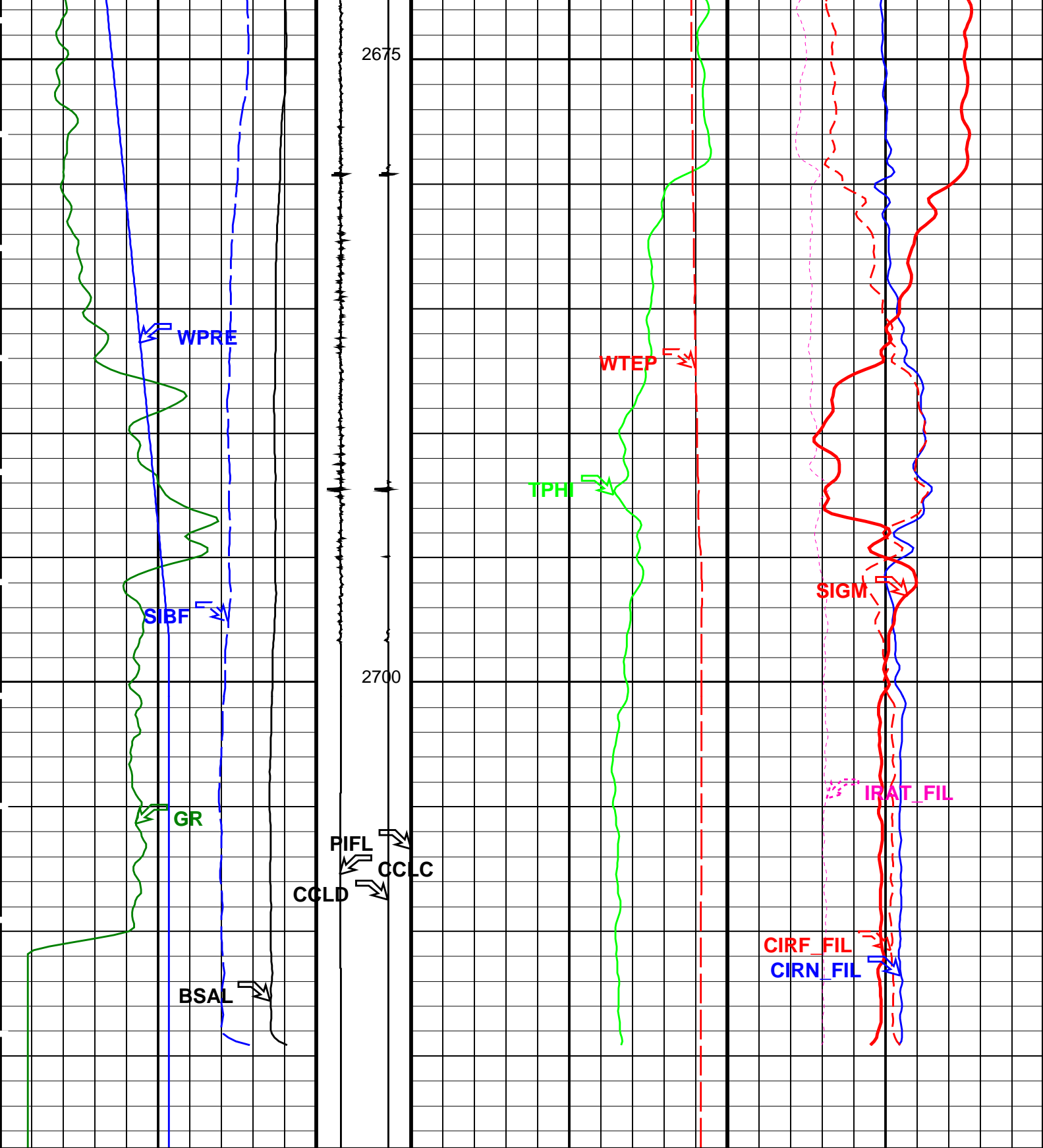
Company: Esso Australia Pty Ltd.					Well: BMA A-5a	
Input DLIS Files						
DEFAULT	RST_PSP_022LUP	FN:21	PRODUCER	06-Feb-2007 09:00	2718.7 M	2460.7 M
Output DLIS Files						
RST_	RST_PSP_093PUC	FN:92	CUSTOMER	08-Feb-2007 13:41	2718.7 M	2461.1 M
OP System Version: 14C0-302						
MCM						
RST-C	PTC-3268-NUCL_b		PSPT-B	14C0-302		
PIP SUMMARY						
Time Mark Every 60 S						











RST Borehole Salinity (BSAL) (PPK)		Discriminat ed CCL (CCLD)	RST Sigma (SIGM) (CU)	
450	-50	3 (V) -1	60	0
Gamma Ray (GR) (GAPI)		Computed CCL (CCLC)	RST Porosity (TPHI) (V/V)	
0	150	1 (V) -3	0.6	0
RST Sigma Borehole Fluid (SIBF) (CU)			RST Capture to Inelastic Ratio Near (CIRN_FIL)	
100	0		2.5	0
			RST Capture to Inelastic Ratio Far (CIRF_FIL)	
			50	0
			Well Temperature (WTEP) (DEGF)	
			70	0

Well Pressure (WPRE)		RST Inelastic Ratio (IRAT_FIL)	
0	(PSIA) 100	0.75	(----) 0

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
RST-C: Reservoir Saturation Pro Tool C			
	Tractor Available in Tool String	NO	
AIRB	RST Air Borehole	No	
BHS	Borehole Status	CASED	
BHT	Bottom Hole Temperature (used in calculations)	100	DEGC
BSALOPT	RST Borehole Salinity Option	Unknown	
BSFL	RST Borehole Salinity Filter Length	51	
CSID	Casing Size I.D.	6.184	IN
DFPC	RST Depth Filter Processing Constant	One	
DFPC_TDTL	RST Depth Filter Processing Constant (TDT-like)	Two	
GCSE	Generalized Caliper Selection	BS	
GDEV	Average Angular Deviation of Borehole from Normal	0	DEG
GGRD	Geothermal Gradient	0.018227	DC/M
GRSE	Generalized Mud Resistivity Selection	CHART_GEN_9	
GTSE	Generalized Temperature Selection	LINEAR_ESTIMATE	
ISSBAR	Barite Mud Switch	NOBARITE	
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
PTIER	RST Tiered Presentation Selection	0_Customer	
PVL_PSNT_PRST	PVL Peak Signal/Noise Threshold	3	
RGAI	Near/Far Gain Calibration Ratio	1	
SHT	Surface Hole Temperature	20	DEGC
SMBMO	RST Sigma Mode Background (Minitron Off)	No	
TIER_IC	RST IC Acquisition Mode	0_CO_Yield_and_Spectrolith	
TIER_SIGM	RST Sigma Acquisition Mode	0_RST_Sigma	
WOFSL_PRST	RST WFL-Off Subcycle Length	0	
WONSL_PRST	RST WFL-On Subcycle Length	0	
WSCOM_PRST	RST Station Log Comment		
PSPT-B: Production Services Logging Platform			
BHS	Borehole Status	CASED	
BHT	Bottom Hole Temperature (used in calculations)	100	DEGC
CSID	Casing Size I.D.	6.184	IN
GCSE	Generalized Caliper Selection	BS	
GDEV	Average Angular Deviation of Borehole from Normal	0	DEG
GGRD	Geothermal Gradient	0.018227	DC/M
GRSE	Generalized Mud Resistivity Selection	CHART_GEN_9	
GTSE	Generalized Temperature Selection	LINEAR_ESTIMATE	
ISSBAR	Barite Mud Switch	NOBARITE	
MATR	Rock Matrix for Neutron Porosity Corrections	SANDSTONE	
PBPO	PBMS Tool position on CAN	2	
PCCG	PBMS CCL Gain	DB12	
PSTP	PSTC Tool Position on CAN Bus	1	
SHT	Surface Hole Temperature	20	DEGC
System and Miscellaneous			
ALTDPCHAN	Name of alternate depth channel	SpeedCorrectedDepth	
BS	Bit Size	8.500	IN
BSAL	Borehole Salinity	-50000.00	PPM
CSIZ	Current Casing Size	7.000	IN
CWEI	Casing Weight	29.00	LB/F
DFD	Drilling Fluid Density	7.90	G/C3
DO	Depth Offset for Playback	0.0	M
MST	Mud Sample Temperature	-50000.00	DEGC
PBVSADP	Use alternate depth channel for playback	NO	
PP	Playback Processing	NORMAL	
RMFS	Resistivity of Mud Filtrate Sample	-50000.0000	OHMM
RW	Resistivity of Connate Water	1.0000	OHMM
TD	Total Depth	-50000	M
TDD	Total Depth - Driller	2709.00	M
TDL	Total Depth - Logger	2706.00	M
TWS	Temperature of Connate Water Sample	37.78	DEGC

Format: RST_SIG_ANSW Vertical Scale: 1:200 Graphics File Created: 08-Feb-2007 13:41

OP System Version: 14C0-302

MCM

RST-C PTC-3268-NUCL_b PSPT-B 14C0-302

Input DLIS Files

DEFAULT RST_PSP_022LUP FN:21 PRODUCER 06-Feb-2007 09:00 2718.7 M 2460.7 M

Output DLIS Files

RST_ RST_PSP_093PUC FN:92 CUSTOMER 08-Feb-2007 13:41

Schlumberger

**RST-C Sigma
TDT Pass # 1**

MAXIS Field Log

Company: Esso Australia Pty Ltd. Well: BMA A-5a

Input DLIS Files

DEFAULT RST_PSP_021LUP FN:20 PRODUCER 06-Feb-2007 07:52 2718.7 M 2457.0 M

Output DLIS Files

RST_ RST_PSP_092PUC FN:91 CUSTOMER 08-Feb-2007 13:40 2718.7 M 2457.4 M

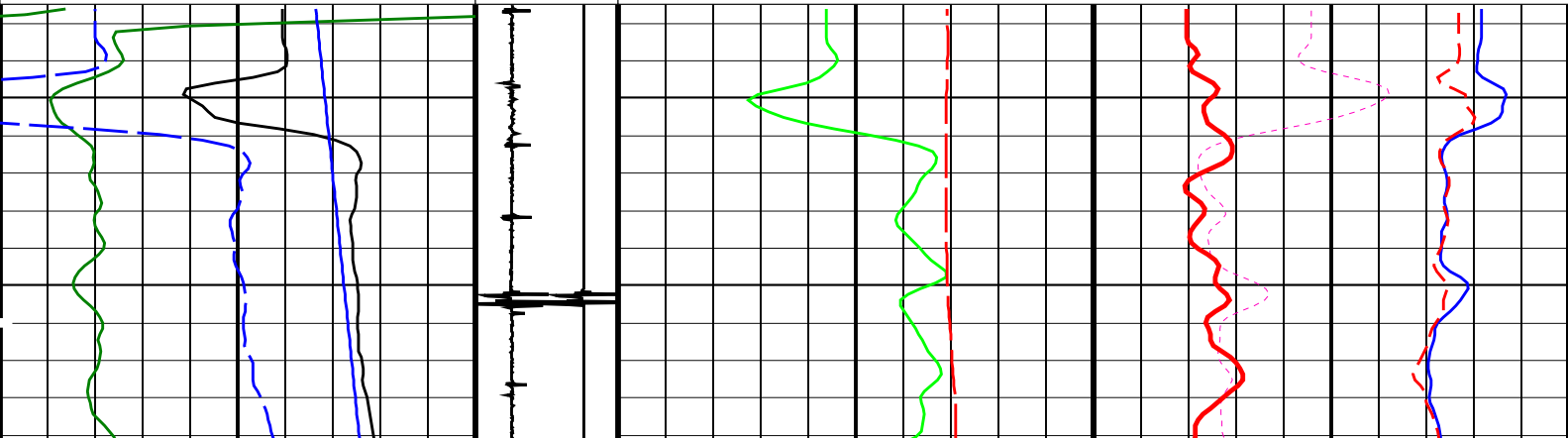
OP System Version: 14C0-302
MCM

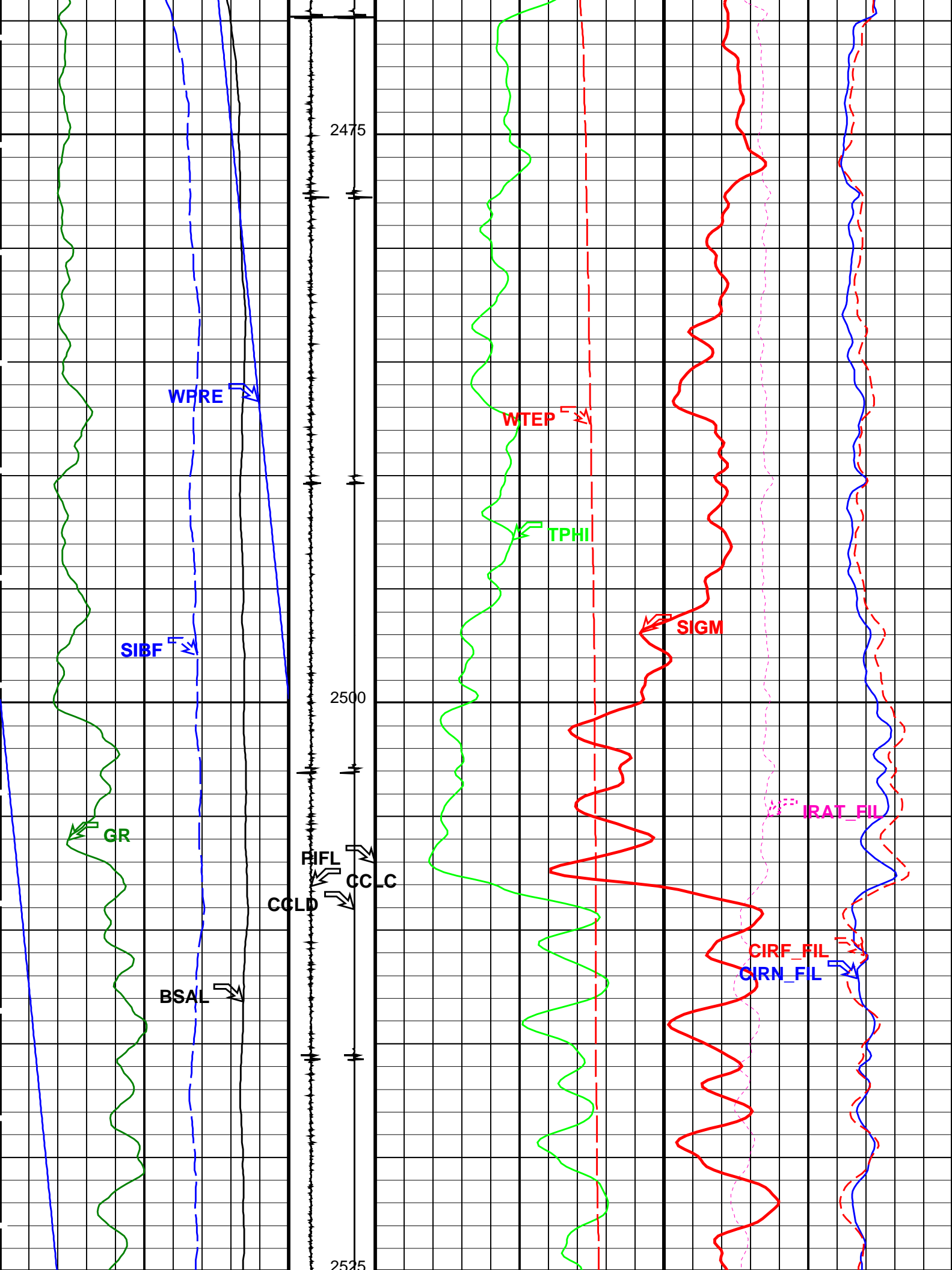
RST-C PTC-3268-NUCL_b PSPT-B 14C0-302

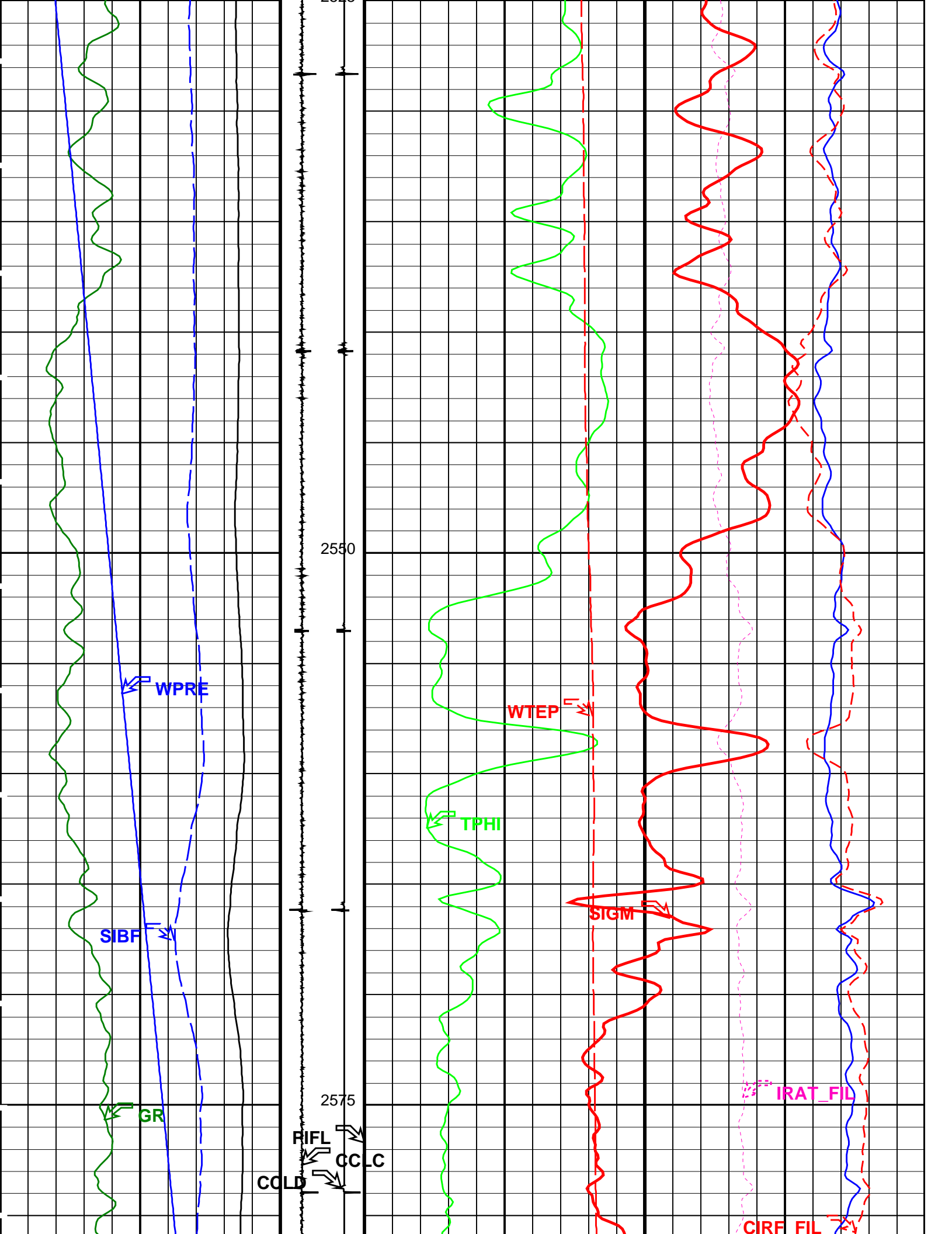
PIP SUMMARY

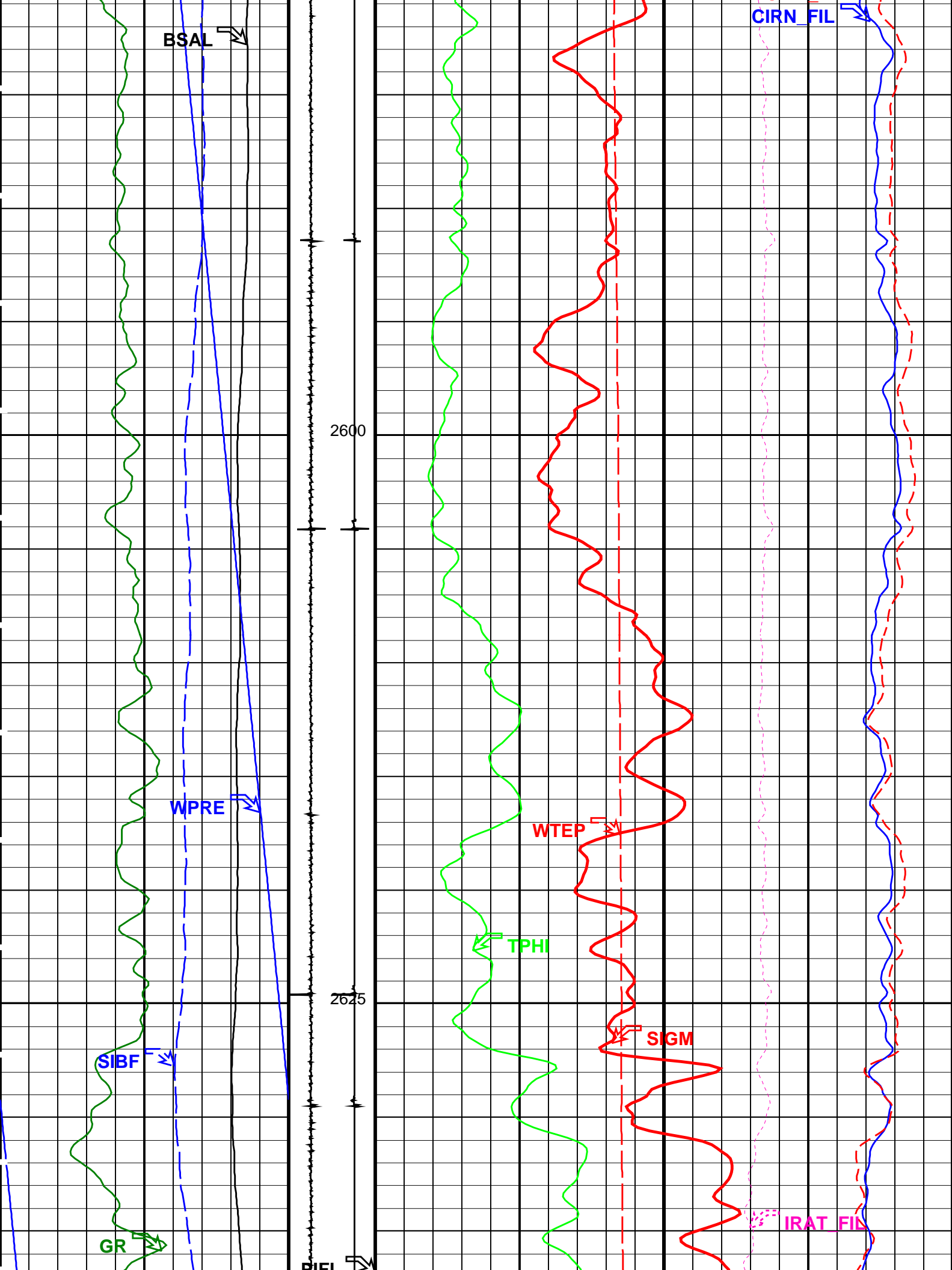
Time Mark Every 60 S

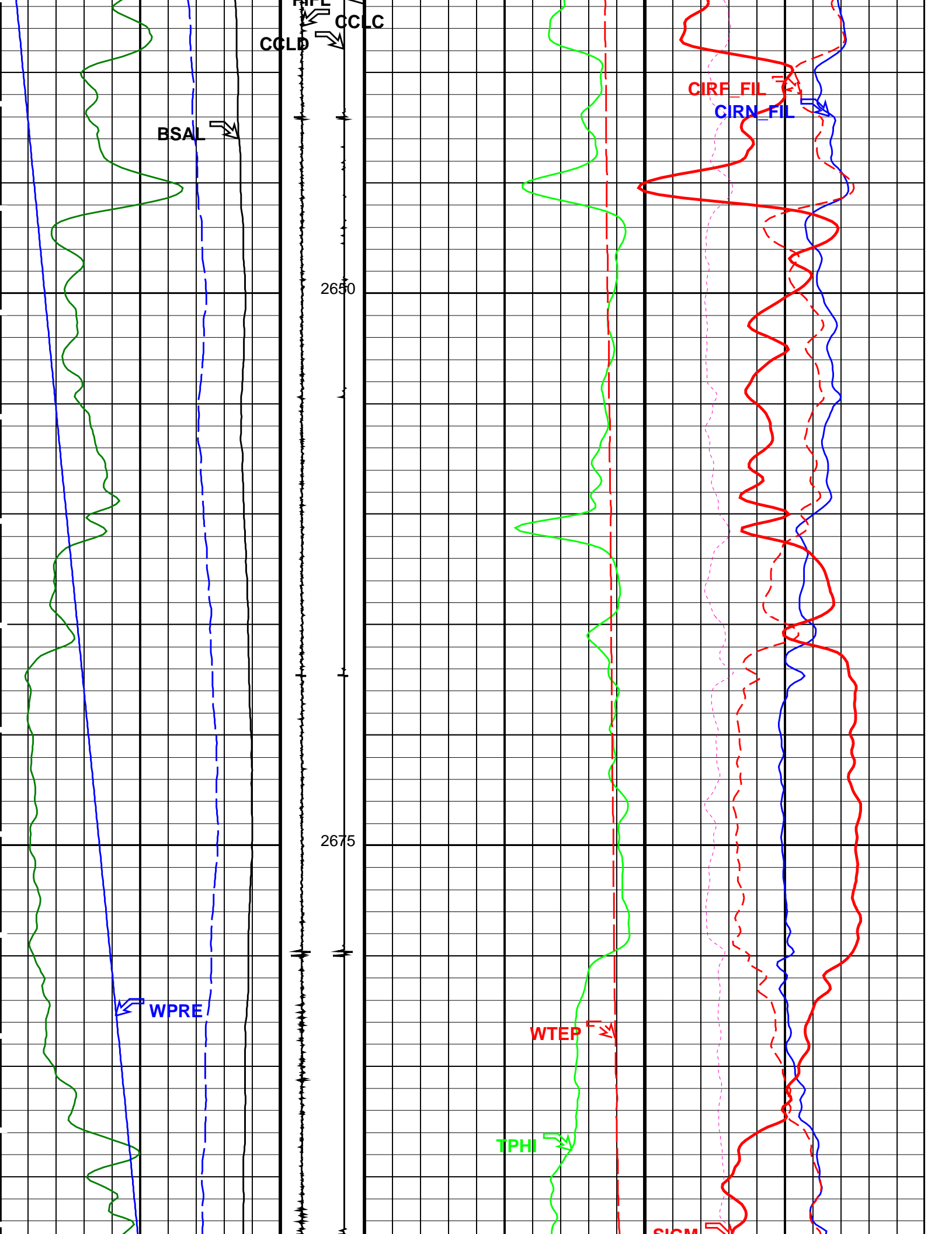
Well Pressure (WPRE) (PSIA)		RST Inelastic Ratio (IRAT_FIL)	
0	100	0.75	0
RST Sigma Borehole Fluid (SIBF) (CU)		RST Capture to Inelastic Ratio Far (CIRF_FIL)	
100	0	5	0
Gamma Ray (GR) (GAPI)		RST Porosity (TPHI) (V/V)	
0	150	0.6	0
RST Borehole Salinity (BSAL) (PPK)		RST Sigma (SIGM) (CU)	
450	-50	60	0

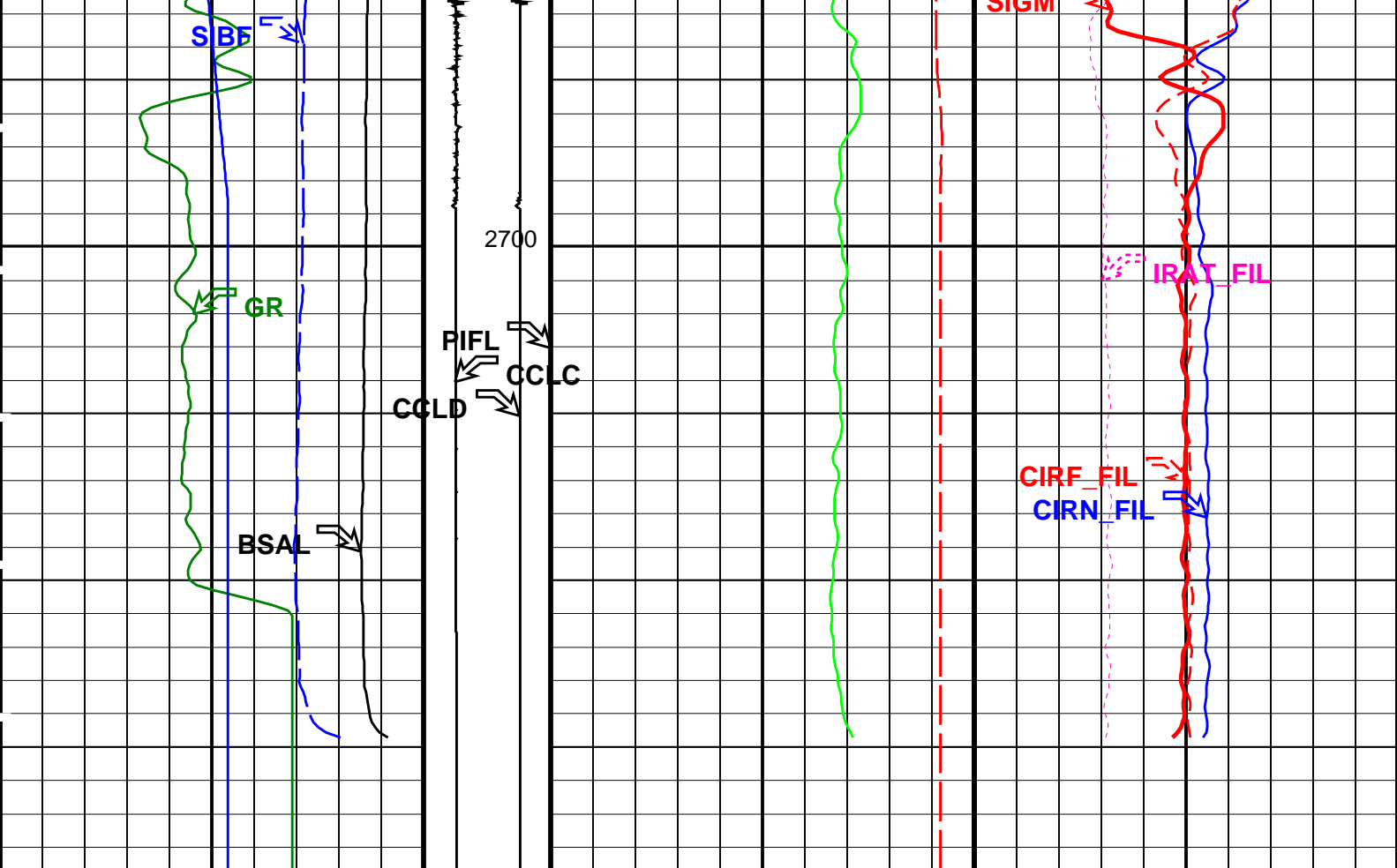












RST Borehole Salinity (BSAL) (PPK)		Discriminat ed CCL (CCLD)	RST Sigma (SIGM) (CU)	
450	-50	3 (V) -1	60	0
Gamma Ray (GR) (GAPI)		Computed CCL (CCLC)	RST Porosity (TPHI) (V/V)	RST Capture to Inelastic Ratio Near (CIRN_FIL)
0	150	1 (V) -3	0.6	2.5 (----) 0
RST Sigma Borehole Fluid (SIBF) (CU)			Well Temperature (WTEP) (DEGF)	RST Capture to Inelastic Ratio Far (CIRF_FIL)
100	0		50 70	5 (----) 0
Well Pressure (WPRE) (PSIA)				RST Inelastic Ratio (IRAT_FIL)
0	100			0.75 (----) 0

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
RST-C: Reservoir Saturation Pro Tool C			
	Tractor Available in Tool String	NO	
AIRB	RST Air Borehole	No	
BHS	Borehole Status	CASED	
BHT	Bottom Hole Temperature (used in calculations)	100	DEGC
BSALOPT	RST Borehole Salinity Option	Unknown	
BSFL	RST Borehole Salinity Filter Length	51	
CSID	Casing Size I.D.	6.184	IN
DFPC	RST Depth Filter Processing Constant	One	
DFPC_TDTL	RST Depth Filter Processing Constant (TDT-like)	Two	
GCSE	Generalized Caliper Selection	BS	
GDEV	Average Angular Deviation of Borehole from Normal	0	DEG
GGRD	Geothermal Gradient	0.018227	DC/M
GRSE	Generalized Mud Resistivity Selection	CHART_GEN 9	
GTSE	Generalized Temperature Selection	LINEAR_ESTIMATE	
ISSBAR	Barite Mud Switch	NOBARITE	
MWD	Mud Weight	10.0	LB/GAL

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
PTIER	RST Tiered Presentation Selection	0_Customer	
PVL_PSNT_PRST	PVL Peak Signal/Noise Threshold	3	
RGAI	Near/Far Gain Calibration Ratio	1	
SHT	Surface Hole Temperature	20	DEGC
SMBMO	RST Sigma Mode Background (Minitron Off)	No	
TIER_IC	RST IC Acquisition Mode	0_CO_Yield_and_Spectrolith	
TIER_SIGM	RST Sigma Acquisition Mode	0_RST_Sigma	
WOFSL_PRST	RST WFL-Off Subcycle Length	0	
WONSL_PRST	RST WFL-On Subcycle Length	0	
WSCOM_PRST	RST Station Log Comment		
PSPT-B: Production Services Logging Platform			
BHS	Borehole Status	CASED	
BHT	Bottom Hole Temperature (used in calculations)	100	DEGC
CSID	Casing Size I.D.	6.184	IN
GCSE	Generalized Caliper Selection	BS	
GDEV	Average Angular Deviation of Borehole from Normal	0	DEG
GGRD	Geothermal Gradient	0.018227	DC/M
GRSE	Generalized Mud Resistivity Selection	CHART_GEN 9	
GTSE	Generalized Temperature Selection	LINEAR_ESTIMATE	
ISSBAR	Barite Mud Switch	NOBARITE	
MATR	Rock Matrix for Neutron Porosity Corrections	SANDSTONE	
PBPO	PBMS Tool position on CAN	2	
PCCG	PBMS CCL Gain	DB12	
PSTP	PSTC Tool Position on CAN Bus	1	
SHT	Surface Hole Temperature	20	DEGC
System and Miscellaneous			
ALTDPCCHAN	Name of alternate depth channel	SpeedCorrectedDepth	
BS	Bit Size	8.500	IN
BSAL	Borehole Salinity	-50000.00	PPM
CSIZ	Current Casing Size	7.000	IN
CWEI	Casing Weight	29.00	LB/F
DFD	Drilling Fluid Density	7.90	G/C3
DO	Depth Offset for Playback	0.0	M
MST	Mud Sample Temperature	-50000.00	DEGC
PBVSADP	Use alternate depth channel for playback	NO	
PP	Playback Processing	NORMAL	
RMFS	Resistivity of Mud Filtrate Sample	-50000.0000	OHMM
RW	Resistivity of Connate Water	1.0000	OHMM
TD	Total Depth	-50000	M
TDD	Total Depth - Driller	2709.00	M
TDL	Total Depth - Logger	2706.00	M
TWS	Temperature of Connate Water Sample	37.78	DEGC

Format: RST_SIG_ANSW Vertical Scale: 1:200 Graphics File Created: 08-Feb-2007 13:40

OP System Version: 14C0-302

MCM

RST-C PTC-3268-NUCL_b PSPT-B 14C0-302

Input DLIS Files

DEFAULT RST_PSP_021LUP FN:20 PRODUCER 06-Feb-2007 07:52 2718.7 M 2457.0 M

Output DLIS Files

RST_ RST_PSP_092PUC FN:91 CUSTOMER 08-Feb-2007 13:40

Schlumberger

**RST-C Sigma
Gammaray Baseline**

MAXIS Field Log

OP System Version: 14C0-302

MCM

RST-C

PTC-3268-NUCL_b

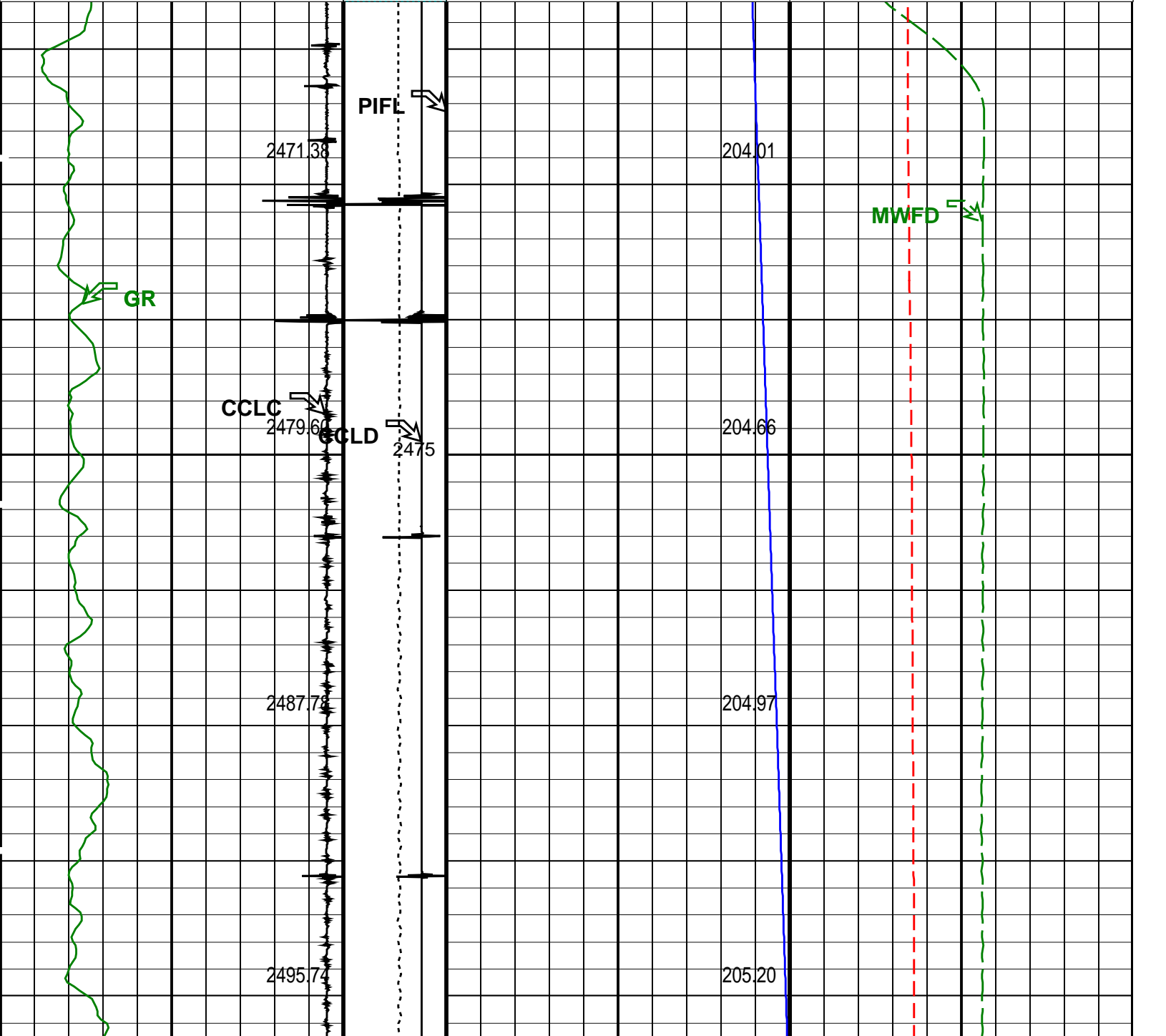
PSPT-B

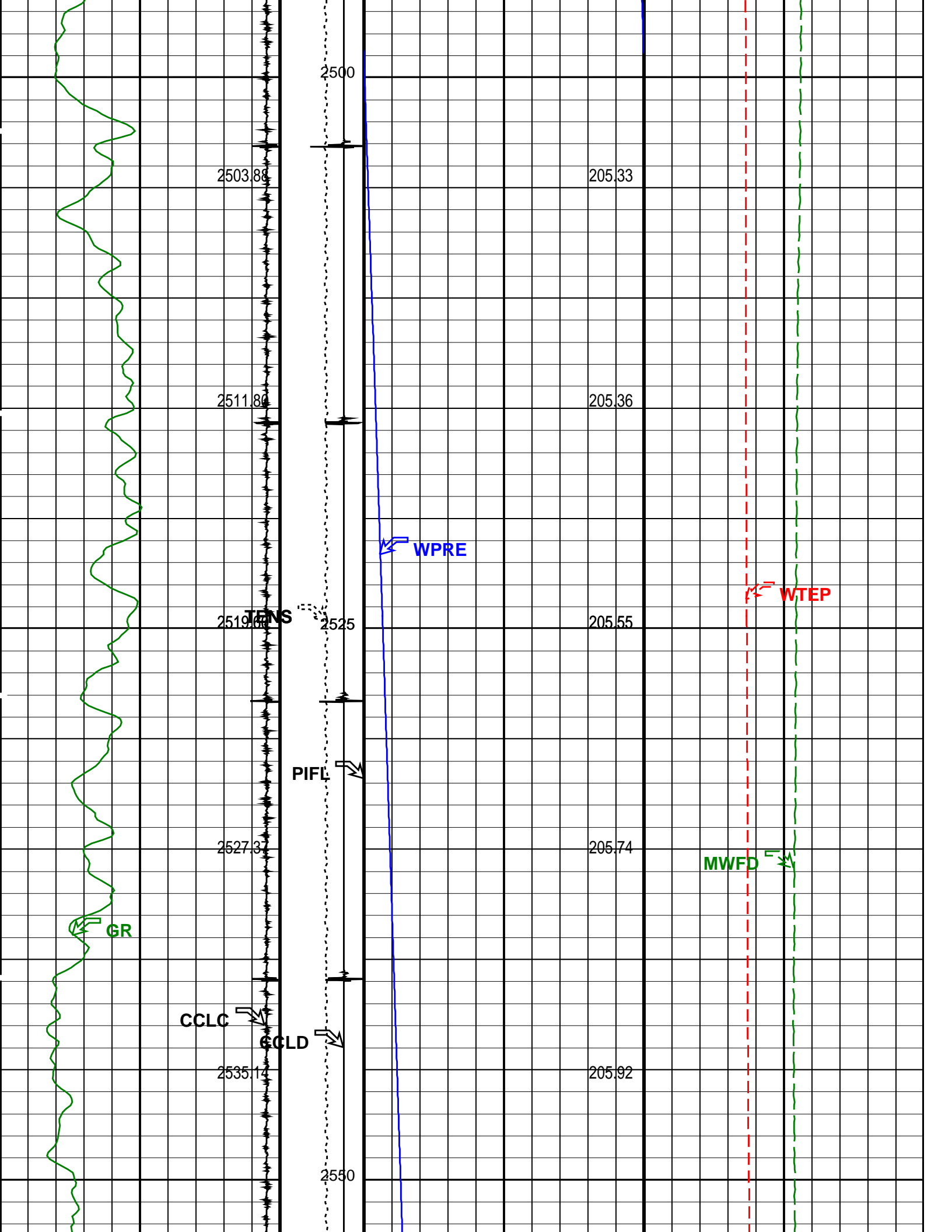
14C0-302

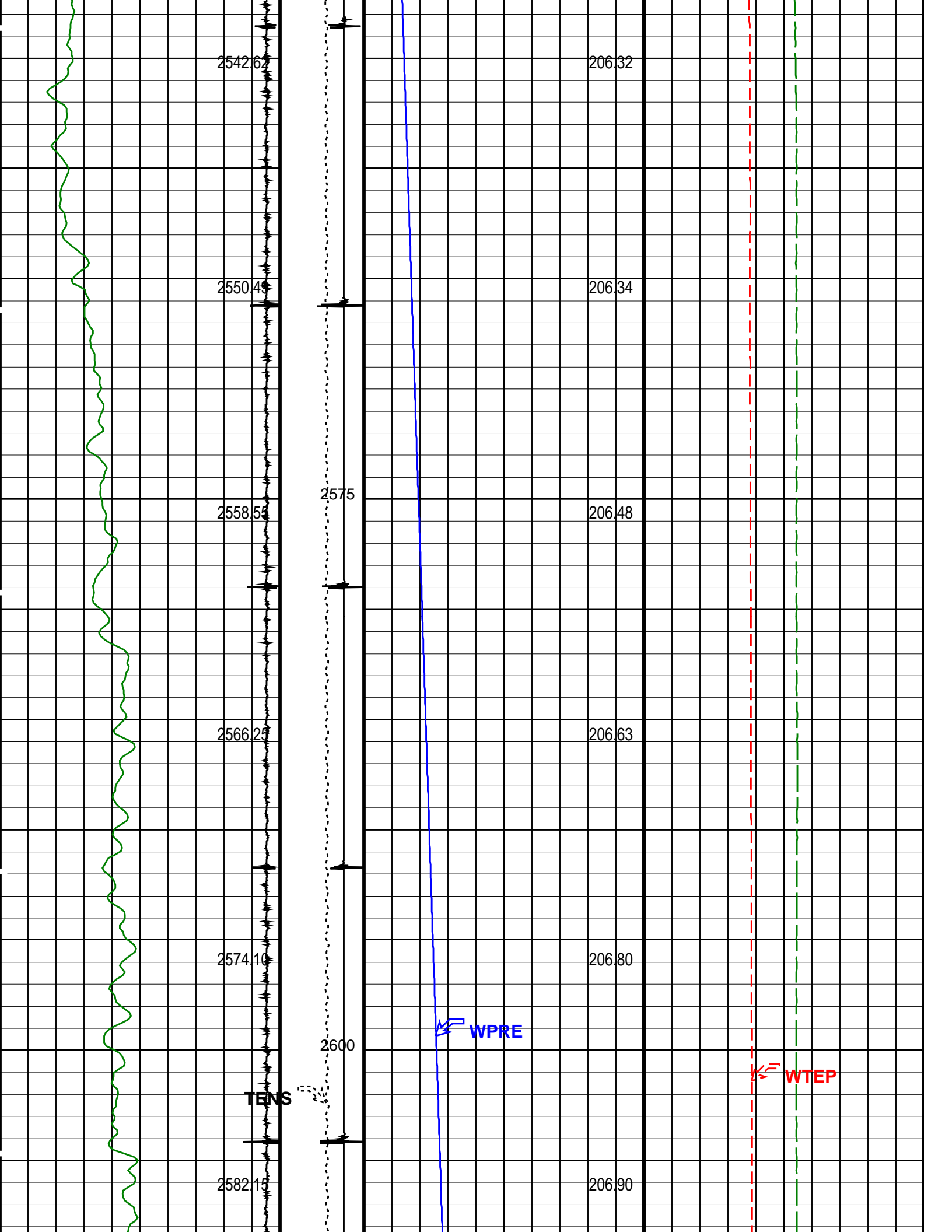
PIP SUMMARY

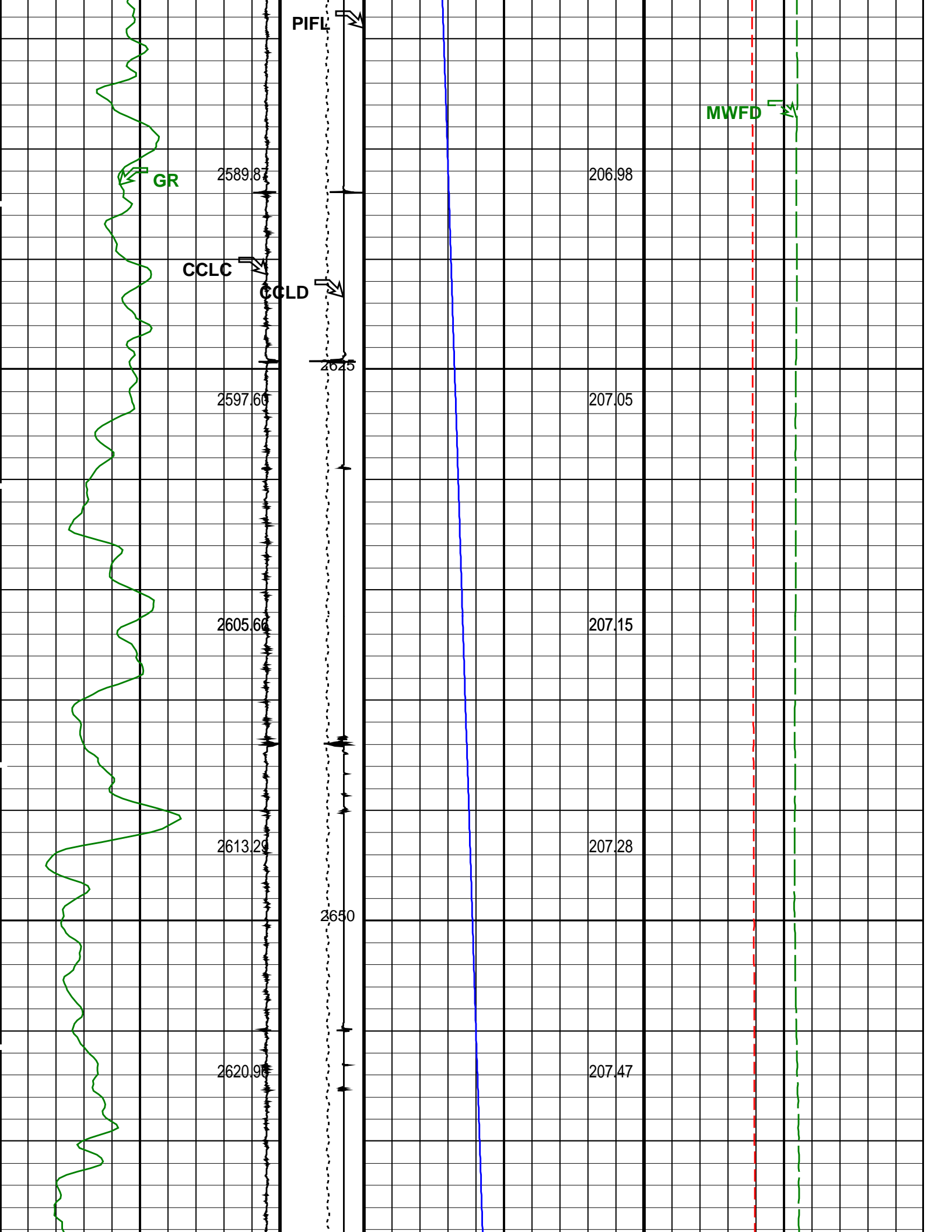
Time Mark Every 60 S

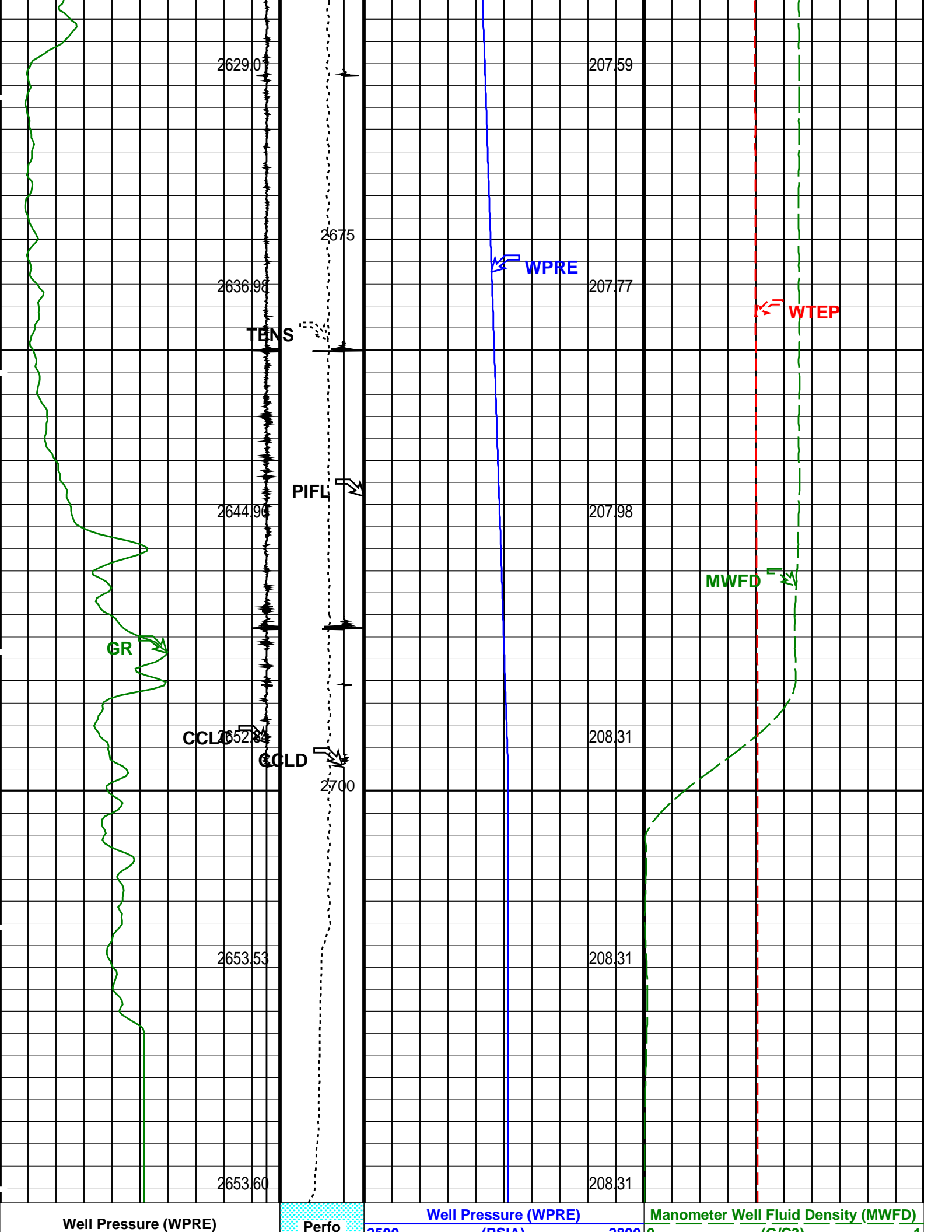
Gamma Ray (GR)		Discriminat ed CCL (CCLD)		
0	(GAPI) 150			
		3 (V) -1		
Computed CCL (CCLC)		Tension (TENS) (LBF)	Well temperature (WTEP) (DEGF)	Well Temperature (WTEP) (DEGF)
-19	(V) 1	0 3000		
Well Pressure (WPRE) (PSIA)	Perfo	Well Pressure (WPRE) (PSIA)	Manometer Well Fluid Density (MWFD) (G/C3)	
		2500 2800	0 1	











(PSIA)		2500	(PSIA)	2800	0	(G/C3)	1
Computed CCL (CCLC)		Tension (TENS) (LBF)	Well temperature (WTEP) (DEGF)			Well Temperature (WTEP) (DEGF)	
-19 (V)	1	0 3000			180		250
Gamma Ray (GR) (GAPI)	0 150	Discriminated CCL (CCLD) (V)					
	3 -1						

PIP SUMMARY							
Time Mark Every 60 S							
Format: PSP_1 Vertical Scale: 1:200				Graphics File Created: 06-Feb-2007 06:45			

OP System Version: 14C0-302							
MCM							
RST-C	PTC-3268-NUCL_b	PSPT-B	14C0-302				

Parameters							
DLIS Name	Description	Value					
RST-C: Reservoir Saturation Pro Tool C	Average Angular Deviation of Borehole from Normal	0	DEG				
PSPT-B: Production Services Logging Platform	Average Angular Deviation of Borehole from Normal	0	DEG				

Output DLIS Files							
DEFAULT	RST_PSP_020LUP	FN:19	PRODUCER	06-Feb-2007 06:45			

Company:	Esso Australia Pty Ltd.	Schlumberger					
Well:	BMA A-5a						
Field:	Bream						
Rig:	ISS RIG 22/PROD 2						
Country:	Australia						
	RST-C						
	Sigma Log						
	6-Feb-2007						