

Company: Esso Australia Ltd.

Well: CBA F-4  
Field: Fortescue  
Rig: Cobia

Country: Australia

RST-A Sigma Survey  
Pressure/Temperature  
GR-CCL

Rig: Cobia  
Field: Fortescue  
Location: Gippsland  
Well: CBA F-4  
Company: Esso Australia Ltd.

LOCATION		
Gippsland	Elev.:	K.B. 32.4 m
Basin		G.L. -78 m
Bass Strait		D.F. 32.4 m
Permanent Datum:	Mean Sea Level	
Log Measured From:	Kelly Bushing	32.4 m above Perm. Datum
Drilling Measured From:	Kelly Bushing	
State: Victoria	Max. Well Deviation 55 deg	Longitude 148°18'28.3"E
		Latitude 38°27'03.5"S

Logging Date	12-Mar-2006		
Run Number	1		
Depth Driller	3656 m		
Schlumberger Depth	3536.9 m		
Bottom Log Interval	3536.9 m		
Top Log Interval	3435 m		
Casing Fluid Type	Production Fluids		
Salinity			
Density			
Fluid Level	50 m		
BIT/CASING/TUBING STRING			
Bit Size	8.500 in		
From	12 m		
To	3656 m		
Casing/Tubing Size	7.675 in		
Weight	26.4 lbm/ft		
Grade	N-80		
From	12 m		
To	3606 m		
Maximum Recorded Temperatures	107 degC		
Logger On Bottom	12-Mar-2006	12:38	
Unit Number	1	AUSL	
Recorded By	Joel Hogan		
Witnessed By	Barrie White		

PVT DATA			
Oil Density	Run 1	Run 2	R
Water Salinity			
Gas Gravity			
Bo			
Bw			
1/Bg			
Bubble Point Pressure			
Bubble Point Temperature			
Solution GOR			
Maximum Deviation	55 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 System Equipment

Date Created: 04-Mar-2006 9:42:23

Depth Measuring Device		Tension Device		Logging Cable	
Type:	IDW-H	Type:	CMTD-C	Type:	2-32ZT
Serial Number:	797	Serial Number:	1037	Serial Number:	4207
Calibration Date:	01-May-2005	Calibration Date:	15-Feb-2006	Length:	5002.07 M
Calibrator Serial Number:	1009	Calibrator Serial Number:	1174	Conveyance Method:	Wireline
Calibration Cable Type:	2-32ZT	Calibration Gain:	1.38	Rig Type:	Offshore_Fixed
Wheel Correction 1:	-3	Calibration Offset:	448.00		
Wheel Correction 2:	2				

Log Sequence:	Subsequent Log In the Well
Reference Log Name:	ExxonMobil composite solar log
Reference Log Run Number:	Unknown
Reference Log Date:	Unknown

1. Correlated to ExxonMobil solar composite log provided by client
2. Used IDW as primary depth control
3. Used Z-Chart as secondary depth control
- 4.
- 5.
- 6.

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:	OTHER SERVICES2 OS1: OS2: OS3: OS4: OS5:
REMARKS: RUN NUMBER 1	REMARKS: RUN NUMBER 2
Log correlated to solar composite log undated supplied by client.	
Purpose of log, to conduct an RST–A sigma mode survey over the interval	
HUD to 3435mMDKB, Two Passes well shut in,	
Ran in hole and correlated on depth, conducted two logging passes over the	
interval 3536.9mMDKB–3435mMDKB.	

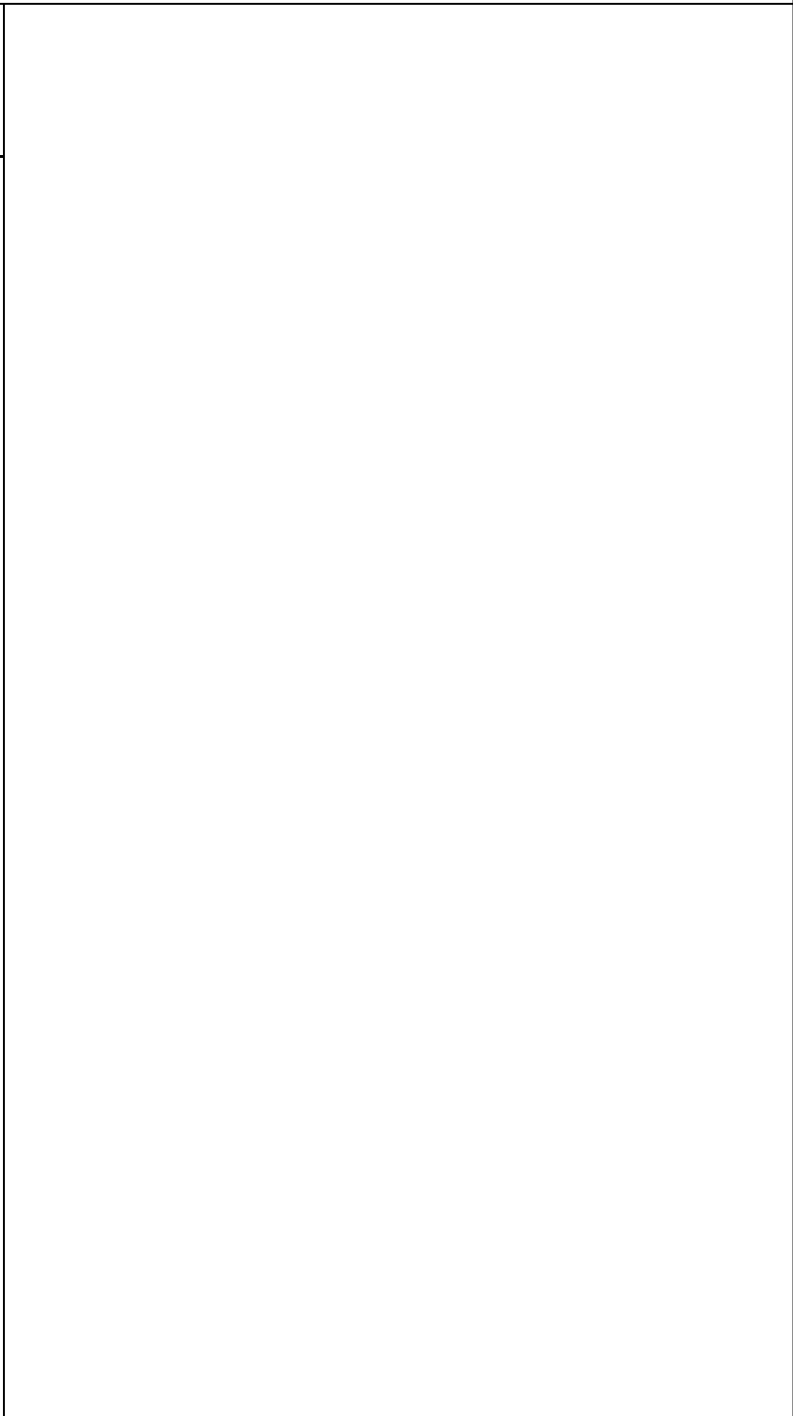
SBHT-225degF, SBHP-3077psia.	
Gamma Ray base line recorded with no minitron activation,	
both logging passes recorded with minitron activated.	
Schlumberger Crew: Jake Annear, Andy Hall.	
Performed By Schlumberger.	

RUN 1			RUN 2		
SERVICE ORDER #:		46000465	SERVICE ORDER #:		
PROGRAM VERSION:		14C0-302	PROGRAM VERSION:		
FLUID LEVEL:		50 m	FLUID LEVEL:		
LOGGED INTERVAL	START	STOP	LOGGED INTERVAL	START	STOP

EQUIPMENT DESCRIPTION					
RUN 1			RUN 2		

SURFACE EQUIPMENT	
WITM-A	

DOWNHOLE EQUIPMENT	
AH-SWBS AH-SWBS 761	11.93
AH-SWBS AH-SWBS 762	11.24
AH-SWBS AH-SWBS 763	10.55
MH-SWHS MH-SWHS 726	9.87
PSPT-A/B PSC-A 827 PSPT-B 827 PSTC 827 PBMS-B 827 CQG_F_Mano 827 RTD Thermometer 827 GR 827 CCL 827 PBMS 827	9.54
GR	8.41
Well Temp CQG Manom CCL PBMS PSTC	7.48 7.37 7.25 7.02
RST-C RSCH-A 111 RSC-C 111 RSS-A 108 RSXH-A 145 RSX-C 145	7.02



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

4.24

4.09

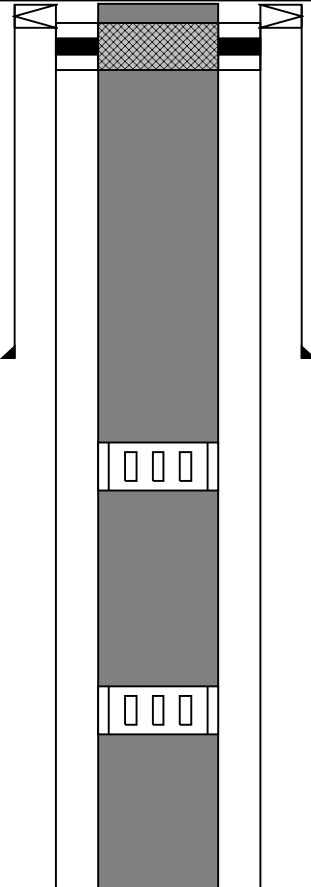
Tension HV 0.00  
TOOL ZERO

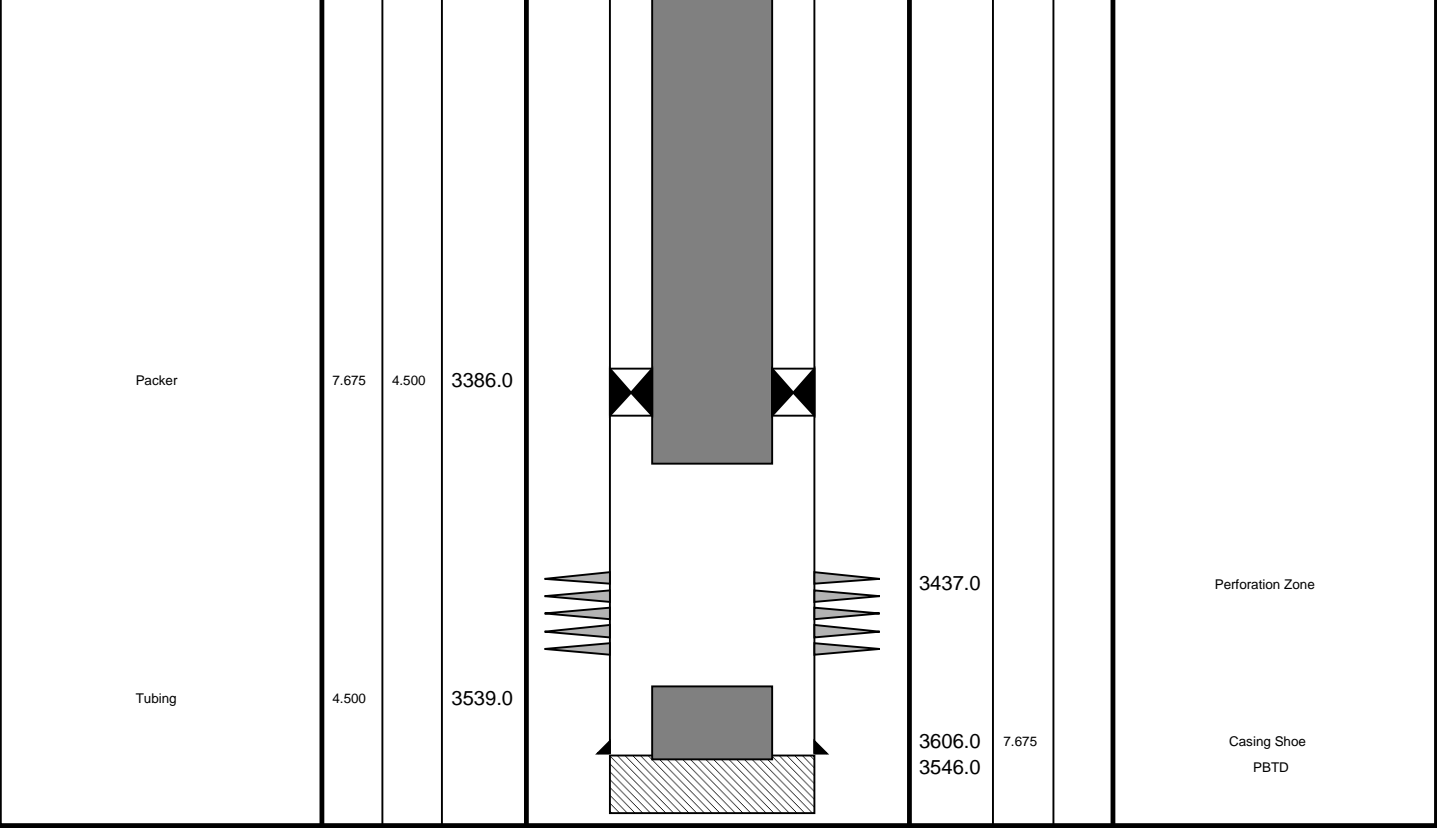
MAXIMUM STRING DIAMETER 1.72 IN  
MEASUREMENTS RELATIVE TO TOOL ZERO  
ALL LENGTHS IN METERS

Client: Esso Australia Ltd.  
Well: CBA F-4  
Field: Fortescue  
State: Victoria  
Country: Australia

Drawing Date: 3/14/2006  
API #:

Rig Name: Cobia  
Reference Datum: Kelly Bushing  
Elevation: 32.4 m

Production String	(in)		(m)	Well Schematic	(m)	(in)		Casing String
	OD	ID	MD		MD	OD	ID	
Tubing Tubing Hanger	4.500 7.675	4.500	12.0 10.0		12.5 12.5	10.750 10.750	7.675	Casing String Liner Hanger
Sliding Sleeve	4.500		1145.0		782.0	10.750		Casing Shoe
Sliding Sleeve	4.500		1817.0					



TDT pass 2, 900ft/hr

MAXIS Field Log

Company: Esso Australia Ltd Well: CBA F-4

Input DLIS Files

30-Mar-2006 10:39

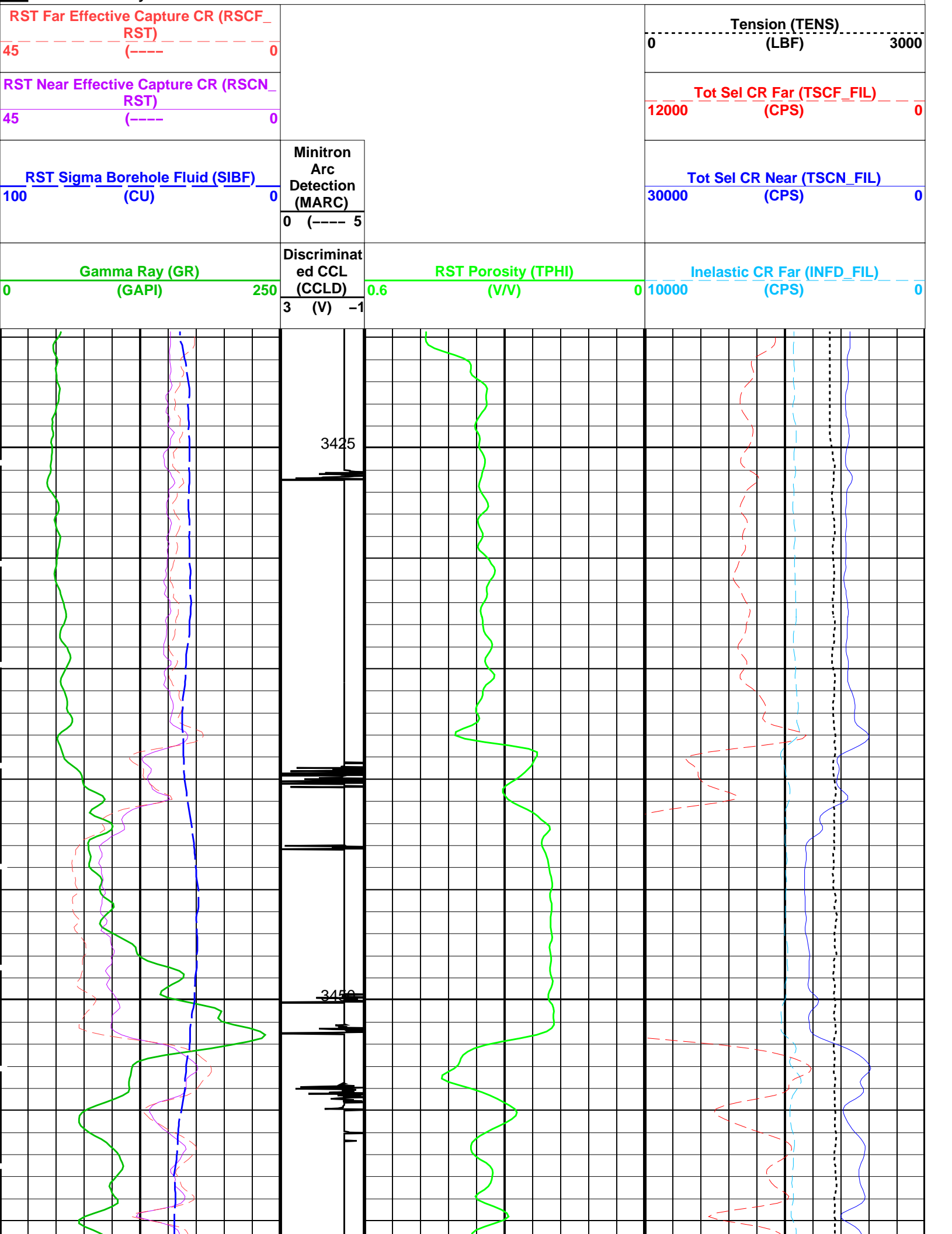
Output DLIS Files

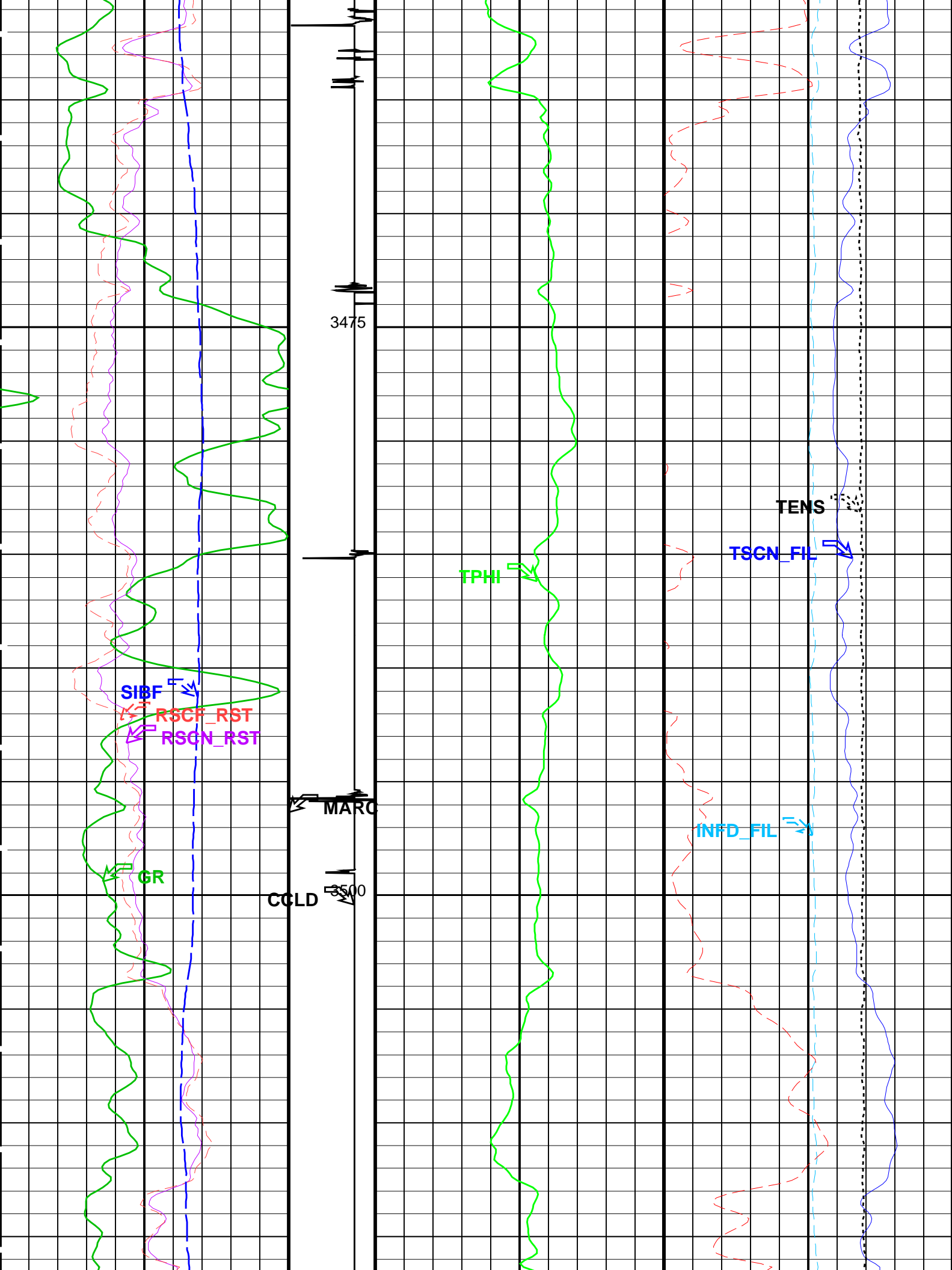
DEFAULT RST\_PSP\_016PUP FN:2 PRODUCER 30-Mar-2006 13:00 3537.8 M 3419.6 M

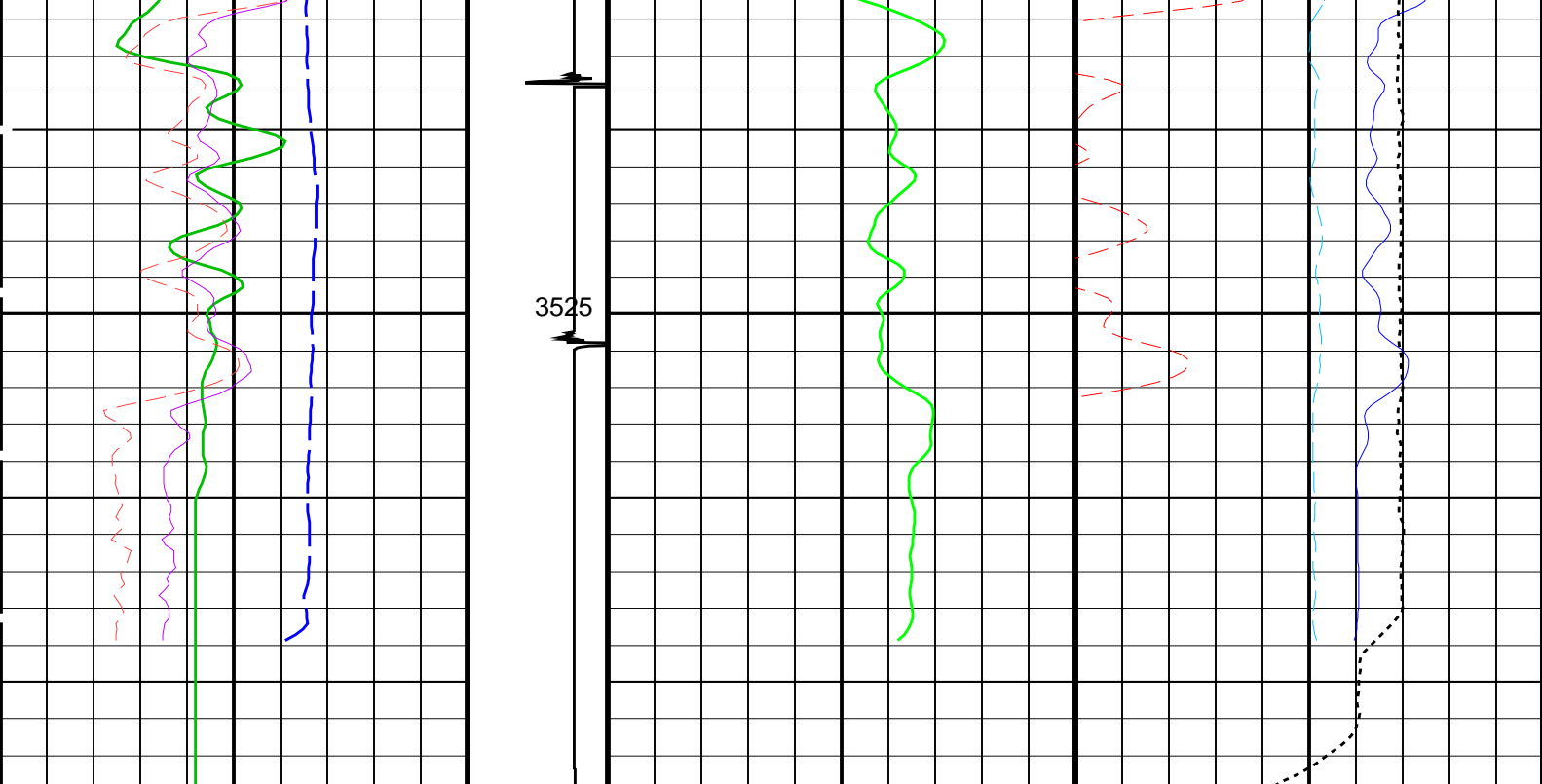
OP System Version: 13C0-300  
MCM

RST-C 13C0-300 PSPT-A/B 13C0-300

PIP SUMMARY







<div>Gamma Ray (GR) (GAPI)</div> <div>0250</div>	<div>Discriminat ed CCL (CCLD)</div> <div>3 (V) -1</div>	<div>RST Porosity (TPHI) (V/V)</div> <div>0.60</div>	<div>Inelastic CR Far (INFD_FIL) (CPS)</div> <div>100000</div>
<div>RST Sigma Borehole Fluid (SIBF) (CU)</div> <div>1000</div>	<div>Minitron Arc Detection (MARC)</div> <div>0 (---- 5</div>		<div>Tot Sel CR Near (TSCN_FIL) (CPS)</div> <div>300000</div>
<div>RST Near Effective Capture CR (RSCN_RST) (----)</div> <div>450</div>			<div>Tot Sel CR Far (TSCF_FIL) (CPS)</div> <div>120000</div>
<div>RST Far Effective Capture CR (RSCF_RST) (----)</div> <div>450</div>			<div>Tension (TENS) (LBF)</div> <div>03000</div>

### PIP SUMMARY

Time Mark Every 60 S

## Parameters

DLIS Name	Description	Value	
RST-C: Reservoir Saturation Pro Tool C			
AIRB	Tractor Available in Tool String	NO	
BHS	RST Air Borehole	No	
BHT	Borehole Status	CASED	
CSID	Bottom Hole Temperature (used in calculations)	100	DEGC
DFPC	Casing Size I.D.	6.875	IN
GCSE	Depth Filter Processing Constant	One	
GDEV	Generalized Caliper Selection	BS	
GGRD	Average Angular Deviation of Borehole from Normal	21	DEG
GRSE	Geothermal Gradient	0.018227	DC/M
GTSE	Generalized Mud Resistivity Selection	CHART_GEN_9	
MATR	Generalized Temperature Selection	LINEAR_ESTIMATE	
NORM_IRAT_RST	Rock Matrix for Neutron Porosity Corrections	SANDSTONE	
NORM_SIGM_RST	RST Normalized Inelastic Ratio	0.48	
PTIER	RST Normalized Sigma	30	CU
PVL_PSNT_PRST	RST Tiered Presentation Selection	0_Customer	
RGAI	RST PVL Peak Signal/Noise Threshold	3	
SHT	Near/Far Gain Calibration Ratio	1	
TIER_IC	Surface Hole Temperature	25	DEGC
TIER_SIGM	RST IC Acquisition Mode	0_CO_Yield_and_Spectrolith	
WFEQ_22CT	RST Sigma Acquisition Mode	0_RST_Sigma	



WOFSL_PRST	RST Desired WFL-Off Subcycle Length	0	
WONSL_PRST	RST Station Log Comment	0	
WSCOM_PRST	PSPT-A/B: Production Services Logging Platform		
BHS	Borehole Status	CASED	
BHT	Bottom Hole Temperature (used in calculations)	100	DEGC
CSID	Casing Size I.D.	6.875	IN
GCSE	Generalized Caliper Selection	BS	
GDEV	Average Angular Deviation of Borehole from Normal	21	DEG
GGRD	Geothermal Gradient	0.018227	DC/M
GRSE	Generalized Mud Resistivity Selection	CHART_GEN_9	
GTSE	Generalized Temperature Selection	LINEAR_ESTIMATE	
MATR	Rock Matrix for Neutron Porosity Corrections	SANDSTONE	
PBPO	PBMS Tool position on CAN	2	
PCCG	PBMS CCL Gain	DB36	
PSTP	PSTC Tool Position on CAN Bus	1	
SHT	Surface Hole Temperature	25	DEGC
System and Miscellaneous			
ALTDCHAN	Name of alternate depth channel	SpeedCorrectedDepth	
BS	Bit Size	8.500	IN
BSAL	Borehole Salinity	-50000.00	PPM
CSIZ	Current Casing Size	7.625	IN
CWEI	Casing Weight	29.70	LB/F
DFD	Drilling Fluid Density	-50000.00	LB/G
DO	Depth Offset for Playback	0.0	M
MST	Mud Sample Temperature	-50000.00	DEGF
PBVSADP	Use alternate depth channel for playback	NO	
PP	Playback Processing	RECOMPUTE	
RMFS	Resistivity of Mud Filtrate Sample	-50000.0000	OHMM
RW	Resistivity of Connate Water	1.0000	OHMM
TD	Total Depth	-50000	FT
TDD	Total Depth - Driller	-50000.00	FT
TDL	Total Depth - Logger	-50000.00	FT
TWS	Temperature of Connate Water Sample	100.00	DEGF

Format: RST\_TDTL\_ANSW    Vertical Scale: 1:200    Graphics File Created: 30-Mar-2006 13:00

## OP System Version: 13C0-300

MCM

RST-C    13C0-300    PSPT-A/B    13C0-300

### Input DLIS Files

30-Mar-2006 10:39

### Output DLIS Files

DEFAULT    RST\_PSP\_016PUP    FN:2    PRODUCER    30-Mar-2006 13:00

**Schlumberger**

**Sigma Pass 2, 900ft/hr**

MAXIS Field Log

Company: Esso Australia Ltd    Well: CBA F-4

### Input DLIS Files

30-Mar-2006 10:39

### Output DLIS Files

DEFAULT    RST\_PSP\_016PUP    FN:2    PRODUCER    30-Mar-2006 13:00    3537.8 M    3419.6 M

## OP System Version: 13C0-300

MCM

PIP SUMMARY

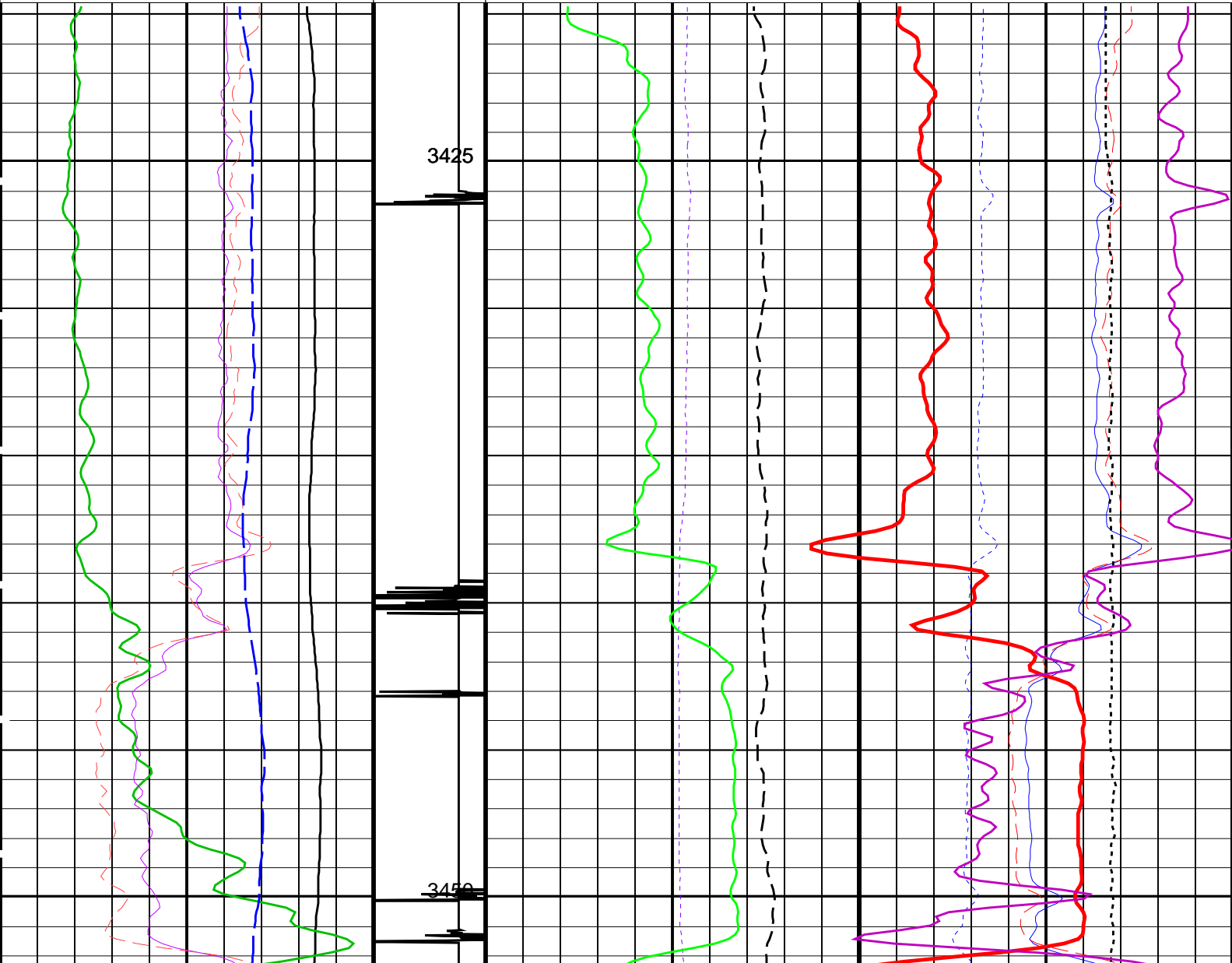
Time Mark Every 60 S

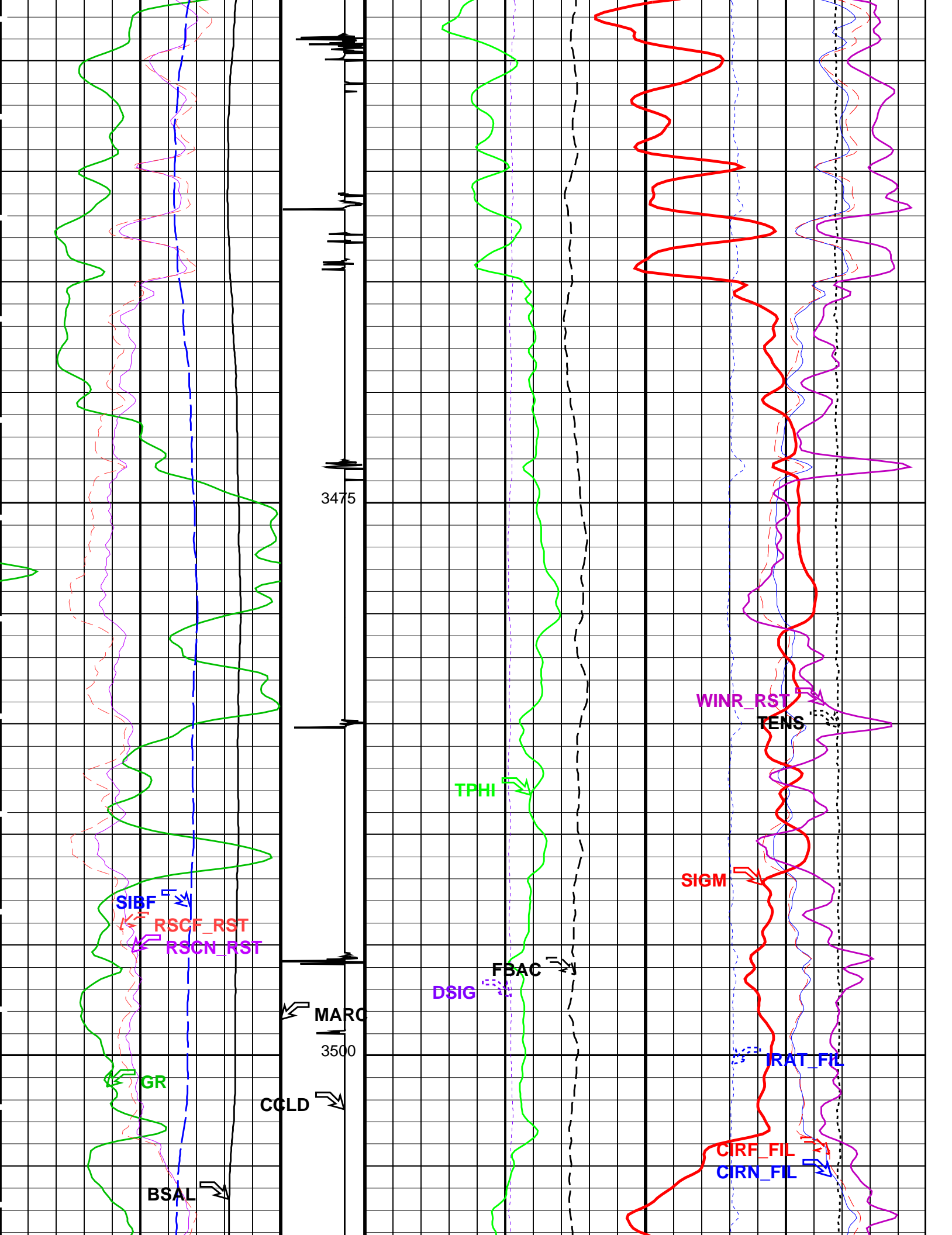
Tension (TENS)

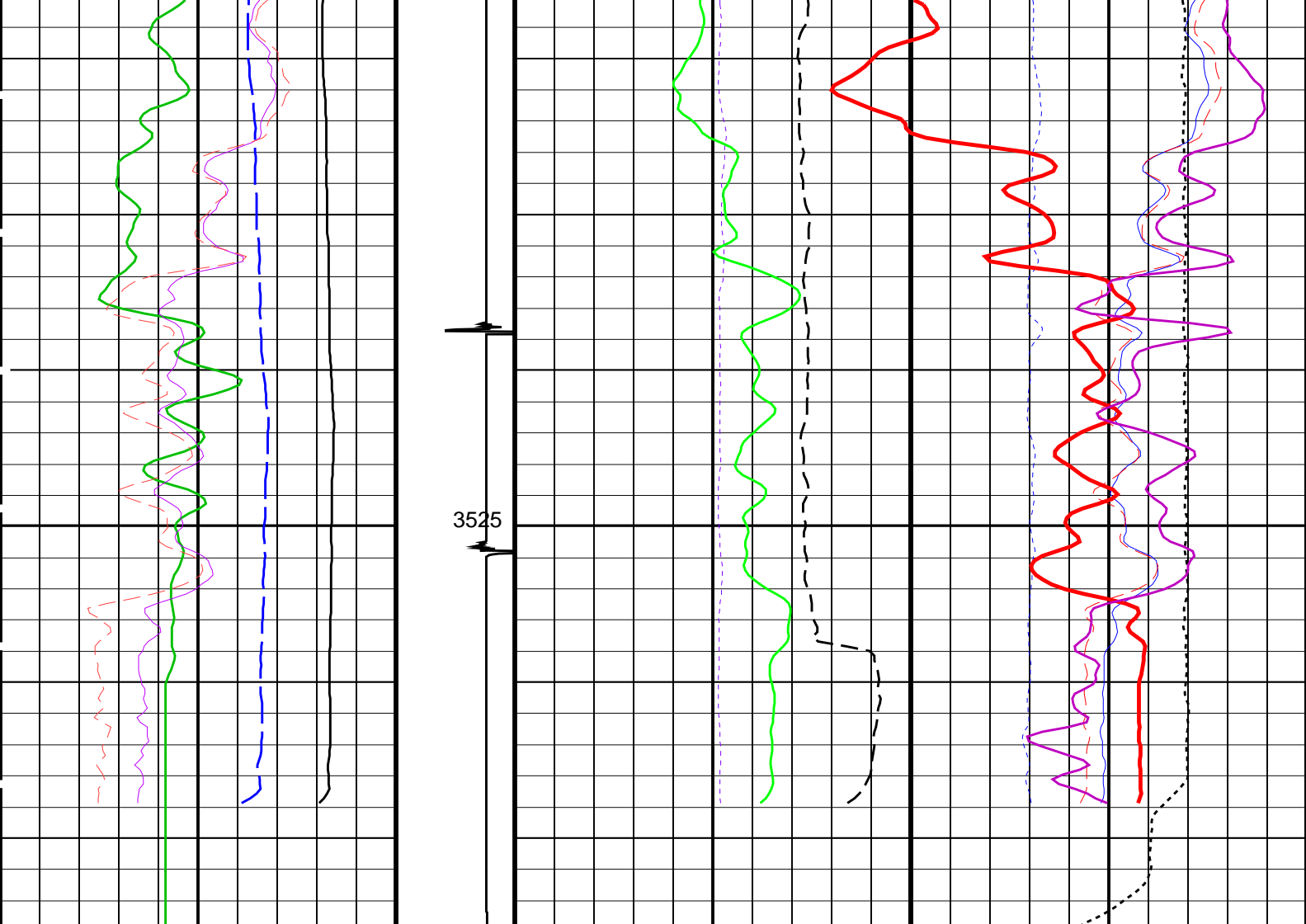
(LBF)

03000

RST Far Effective Capture CR (RSCF_RST)		RST Weighted Inelastic Ratio (WINR_RST)	
45	0	0.4	0
RST Near Effective Capture CR (RSCN_RST)		RST Porosity (TPHI)	RST Inelastic Ratio (IRAT_FIL)
45	0	0.6 (V/V)	0.75
RST Sigma Borehole Fluid (SIBF)		RST Sigma (SIGM)	
100	0	60	0
Gamma Ray (GR)		MCS Far Background (filtered) (FBAC)	RST Capture to Inelastic Ratio Far (CIRF_FIL)
0	250	0	5
RST Borehole Salinity (BSAL)		RST Sigma Difference (DSIG)	RST Capture to Inelastic Ratio Near (CIRN_FIL)
450	-50	-30	2.5
			0







<div>RST Borehole Salinity (BSAL) (PPK)</div> <div>450-50</div>	<div>Discriminat ed CCL (CCLD) (V)</div> <div>3-1</div>	<div>RST Sigma Difference (DSIG) (CU)</div> <div>-3030</div>	<div>RST Capture to Inelastic Ratio Near (CIRN_FIL)</div> <div>2.50</div>
<div>Gamma Ray (GR) (GAPI)</div> <div>0250</div>	<div>Minitron Arc Detection (MARC)</div> <div>05</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 Sigma Borehole Fluid (SIBF) (CU)</div> <div>1000</div>		<div>RST Sigma (SIGM) (CU)</div> <div>600</div>	
<div>RST Near Effective Capture CR (RSCN_RST) (CU)</div> <div>450</div>		<div>RST Porosity (TPHI) (V/V)</div> <div>0.60</div>	<div>RST Inelastic Ratio (IRAT_FIL) (CU)</div> <div>0.750</div>
<div>RST Far Effective Capture CR (RSCF_RST) (CU)</div> <div>450</div>		<div>RST Weighted Inelastic Ratio (WINR_RST) (CU)</div> <div>0.40</div>	
			<div>Tension (TENS) (LBF)</div> <div>03000</div>

PIP SUMMARY

Time Mark Every 60 S

Parameters		
DLIS Name	Description	Value
RST-C: Reservoir Saturation Pro Tool C	Toolstring Available in Tool String	NO

AIRB	Tractor Available in Tool String	NO	
BHS	RST Air Borehole	No	
BHT	Borehole Status	CASED	
CSID	Bottom Hole Temperature (used in calculations)	100	DEGC
DFPC	Casing Size I.D.	6.875	IN
GCSE	Depth Filter Processing Constant	One	
GDEV	Generalized Caliper Selection	BS	
GGRD	Average Angular Deviation of Borehole from Normal	21	DEG
GRSE	Geothermal Gradient	0.018227	DC/M
GTSE	Generalized Mud Resistivity Selection	CHART_GEN_9	
MATR	Generalized Temperature Selection	LINEAR_ESTIMATE	
NORM_IRAT_RST	Rock Matrix for Neutron Porosity Corrections	SANDSTONE	
NORM_SIGM_RST	RST Normalized Inelastic Ratio	0.48	
PTIER	RST Normalized Sigma	30	CU
PVL_PSNT_PRST	RST Tiered Presentation Selection	0_Customer	
RGAI	RST PVL Peak Signal/Noise Threshold	3	
SHT	Near/Far Gain Calibration Ratio	1	
TIER_IC	Surface Hole Temperature	25	DEGC
TIER_SIGM	RST IC Acquisition Mode	0_CO_Yield_and_Spectrolith	
WOFSL_PRST	RST Sigma Acquisition Mode	0_RST_Sigma	
WONSL_PRST	RST Desired WFL-Off Subcycle Length	0	
WSCOM_PRST	RST Desired WFL-On Subcycle Length	0	
	RST Station Log Comment		
	PSPT-A/B: Production Services Logging Platform		
BHS	Borehole Status	CASED	
BHT	Bottom Hole Temperature (used in calculations)	100	DEGC
CSID	Casing Size I.D.	6.875	IN
GCSE	Generalized Caliper Selection	BS	
GDEV	Average Angular Deviation of Borehole from Normal	21	DEG
GGRD	Geothermal Gradient	0.018227	DC/M
GRSE	Generalized Mud Resistivity Selection	CHART_GEN_9	
GTSE	Generalized Temperature Selection	LINEAR_ESTIMATE	
MATR	Rock Matrix for Neutron Porosity Corrections	SANDSTONE	
PBPO	PBMS Tool position on CAN	2	
PCCG	PBMS CCL Gain	DB36	
PSTP	PSTC Tool Position on CAN Bus	1	
SHT	Surface Hole Temperature	25	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	7.625	IN
CWEI	Casing Weight	29.70	LB/F
DFD	Drilling Fluid Density	-50000.00	LB/G
DO	Depth Offset for Playback	0.0	M
MST	Mud Sample Temperature	-50000.00	DEGF
PBVSADP	Use alternate depth channel for playback	NO	
PP	Playback Processing	RECOMPUTE	
RMFS	Resistivity of Mud Filtrate Sample	-50000.0000	OHMM
RW	Resistivity of Connate Water	1.0000	OHMM
TD	Total Depth	-50000	FT
TDD	Total Depth - Driller	-50000.00	FT
TDL	Total Depth - Logger	-50000.00	FT
TWS	Temperature of Connate Water Sample	100.00	DEGF

Format: RST_SIG_ANSW		Vertical Scale: 1:200		Graphics File Created: 30-Mar-2006 13:00	
OP System Version: 13C0-300					
MCM					
RST-C	13C0-300		PSPT-A/B	13C0-300	
Input DLIS Files					
30-Mar-2006 10:39					
Output DLIS Files					
DEFAULT	RST_PSP_016PUP	FN:2	PRODUCER	30-Mar-2006 13:00	



TDT Pass 1, 900ft/hr

Company: Esso Australia Ltd Well: CBA F-4

## Input DLIS Files

30-Mar-2006 10:39

## Output DLIS Files

DEFAULT RST\_PSP\_015PUP FN:1 PRODUCER 30-Mar-2006 12:59 3535.8 M 3413.2 M

## OP System Version: 13C0-300

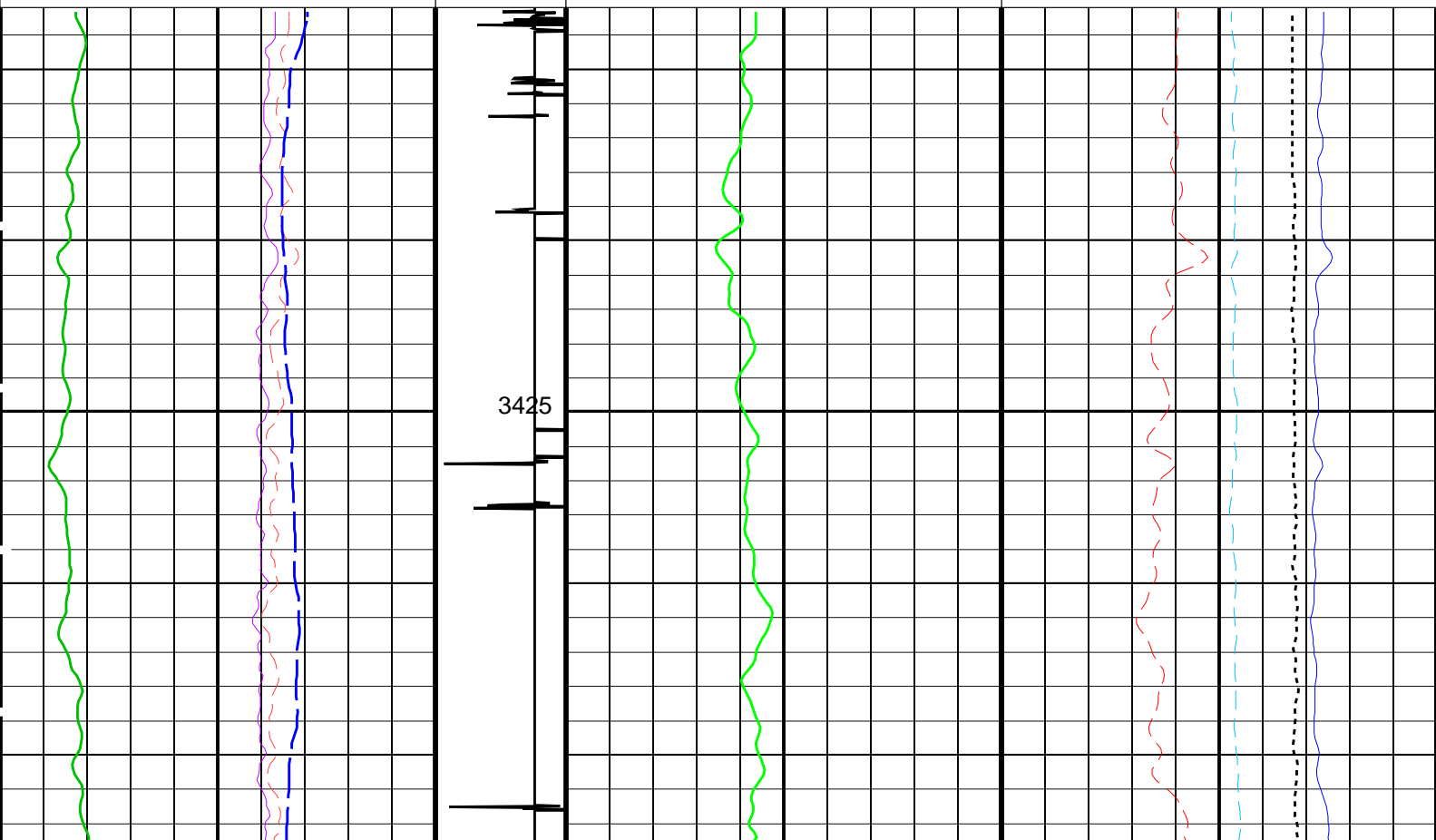
MCM

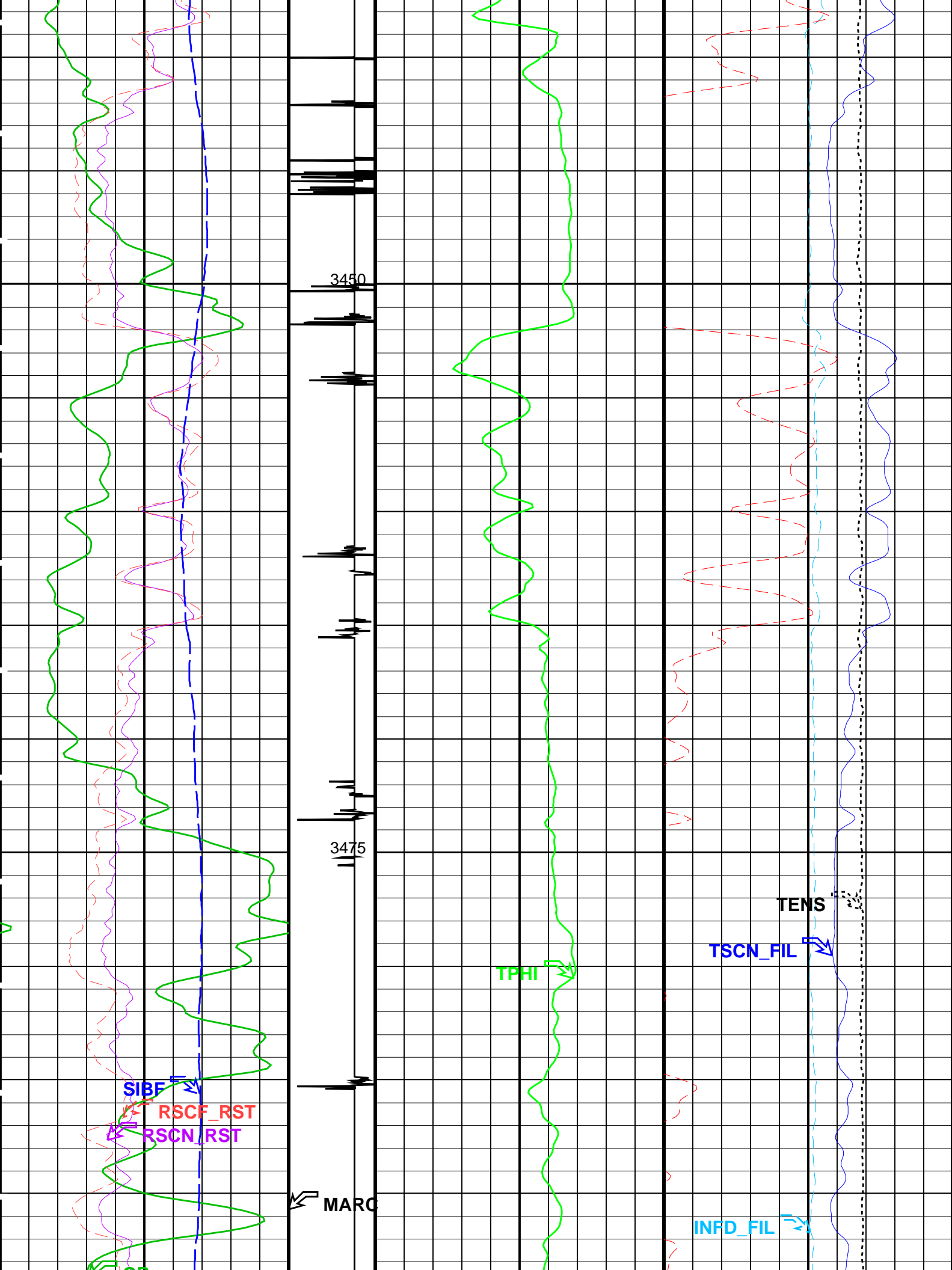
RST-C 13C0-300 PSPT-A/B 13C0-300

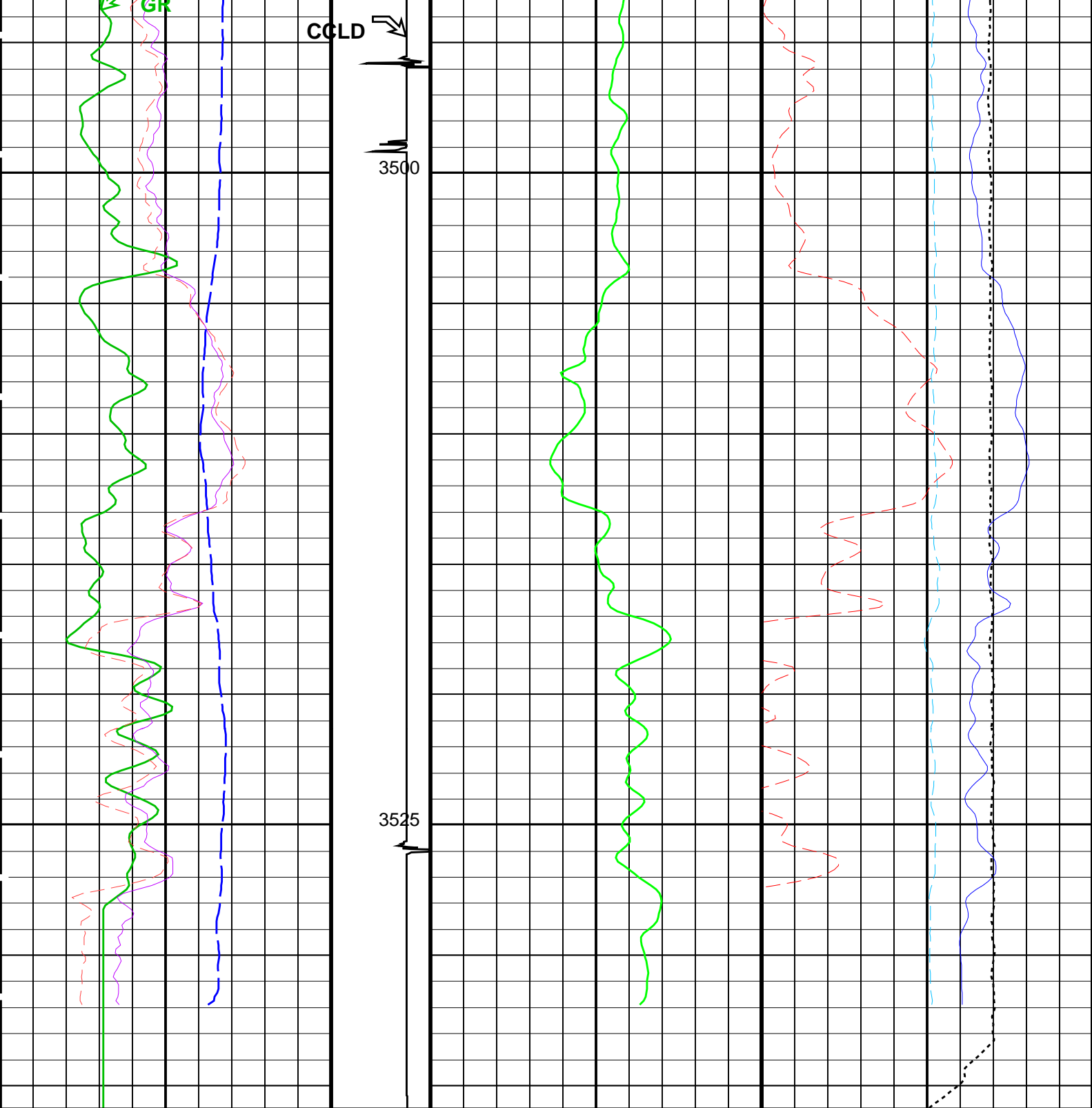
### PIP SUMMARY

Time Mark Every 60 S

RST Far Effective Capture CR (RSCF_ RST) 45 (----) 0		Minitron Arc Detection (MARC) 0 (---- 5	Tension (TENS) (LBF) 0 3000	
RST Near Effective Capture CR (RSCN_ RST) 45 (----) 0			Tot Sel CR Far (TSCF_FIL) (CPS) 12000 0	
RST Sigma Borehole Fluid (SIBF) 100 (CU) 0			Tot Sel CR Near (TSCN_FIL) (CPS) 30000 0	
Gamma Ray (GR) (GAPI) 0 250		Discriminat ed CCL (CCLD) 3 (V) -1	RST Porosity (TPHI) (V/V) 0.6 0	
			Inelastic CR Far (INFD_FIL) (CPS) 10000 0	







Gamma Ray (GR) (GAPI)		Discriminat ed CCL (CCLD)	RST Porosity (TPHI) (V/V)		Inelastic CR Far (INFD_FIL) (CPS)
0	250	3 (V) -1	0.6	0	10000
RST Sigma Borehole Fluid (SIBF) (CU)		Minitron Arc Detection (MARC)			Tot Sel CR Near (TSCN_FIL) (CPS)
100	0	0 (---- 5			30000
RST Near Effective Capture CR (RSCN_ RST)					Tot Sel CR Far (TSCF_FIL) (CPS)
45	0				12000
RST Far Effective Capture CR (RSCF_ RST)					Tension (TENS) (L RE)
					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	
CSID	Casing Size I.D.	6.875	IN	
DFPC	Depth Filter Processing Constant	One		
GCSE	Generalized Caliper Selection	BS		
GDEV	Average Angular Deviation of Borehole from Normal	21	DEG	
GGRD	Geothermal Gradient	0.018227	DC/M	
GRSE	Generalized Mud Resistivity Selection	CHART_GEN_9		
GTSE	Generalized Temperature Selection	LINEAR_ESTIMATE		
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	RST PVL Peak Signal/Noise Threshold	3		
RGAI	Near/Far Gain Calibration Ratio	1		
SHT	Surface Hole Temperature	25	DEGC	
TIER_IC	RST IC Acquisition Mode	0_CO_Yield_and_Spectrolith		
TIER_SIGM	RST Sigma Acquisition Mode	0_RST_Sigma		
WOFSL_PRST	RST Desired WFL-Off Subcycle Length	0		
WONSL_PRST	RST Desired WFL-On Subcycle Length	0		
WSCOM_PRST	RST Station Log Comment			
PSPT-A/B: Production Services Logging Platform				
BHS	Borehole Status	CASED		
BHT	Bottom Hole Temperature (used in calculations)	100	DEGC	
CSID	Casing Size I.D.	6.875	IN	
GCSE	Generalized Caliper Selection	BS		
GDEV	Average Angular Deviation of Borehole from Normal	21	DEG	
GGRD	Geothermal Gradient	0.018227	DC/M	
GRSE	Generalized Mud Resistivity Selection	CHART_GEN_9		
GTSE	Generalized Temperature Selection	LINEAR_ESTIMATE		
MATR	Rock Matrix for Neutron Porosity Corrections	SANDSTONE		
PBPO	PBMS Tool position on CAN	2		
PCCG	PBMS CCL Gain	DB36		
PSTP	PSTC Tool Position on CAN Bus	1		
SHT	Surface Hole Temperature	25	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	7.625	IN	
CWEI	Casing Weight	29.70	LB/F	
DFD	Drilling Fluid Density	-50000.00	LB/G	
DO	Depth Offset for Playback	0.0	M	
MST	Mud Sample Temperature	-50000.00	DEGF	
PBVSADP	Use alternate depth channel for playback	NO		
PP	Playback Processing	RECOMPUTE		
RMFS	Resistivity of Mud Filtrate Sample	-50000.0000	OHMM	
RW	Resistivity of Connate Water	1.0000	OHMM	
TD	Total Depth	-50000	FT	
TDD	Total Depth - Driller	-50000.00	FT	
TDL	Total Depth - Logger	-50000.00	FT	
TWS	Temperature of Connate Water Sample	100.00	DEGF	

Format: RST\_TDTL\_ANSW

Vertical Scale: 1:200

Graphics File Created: 30-Mar-2006 12:59

OP System Version: 13C0-300

MCM

RST-C

13C0-300

PSPT-A/B

13C0-300

Input DLIS Files

30-Mar-2006 10:39

Output DLIS Files

DEFAULT

RST\_PSP\_015PUP

FN:1

PRODUCER

30-Mar-2006 12:59

## MAXIS Field Log

Company: Esso Australia Ltd

Well: CBA F-4

## Input DLIS Files

30-Mar-2006 10:39

## Output DLIS Files

DEFAULT RST\_PSP\_015PUP FN:1 PRODUCER 30-Mar-2006 12:59 3535.8 M 3413.2 M

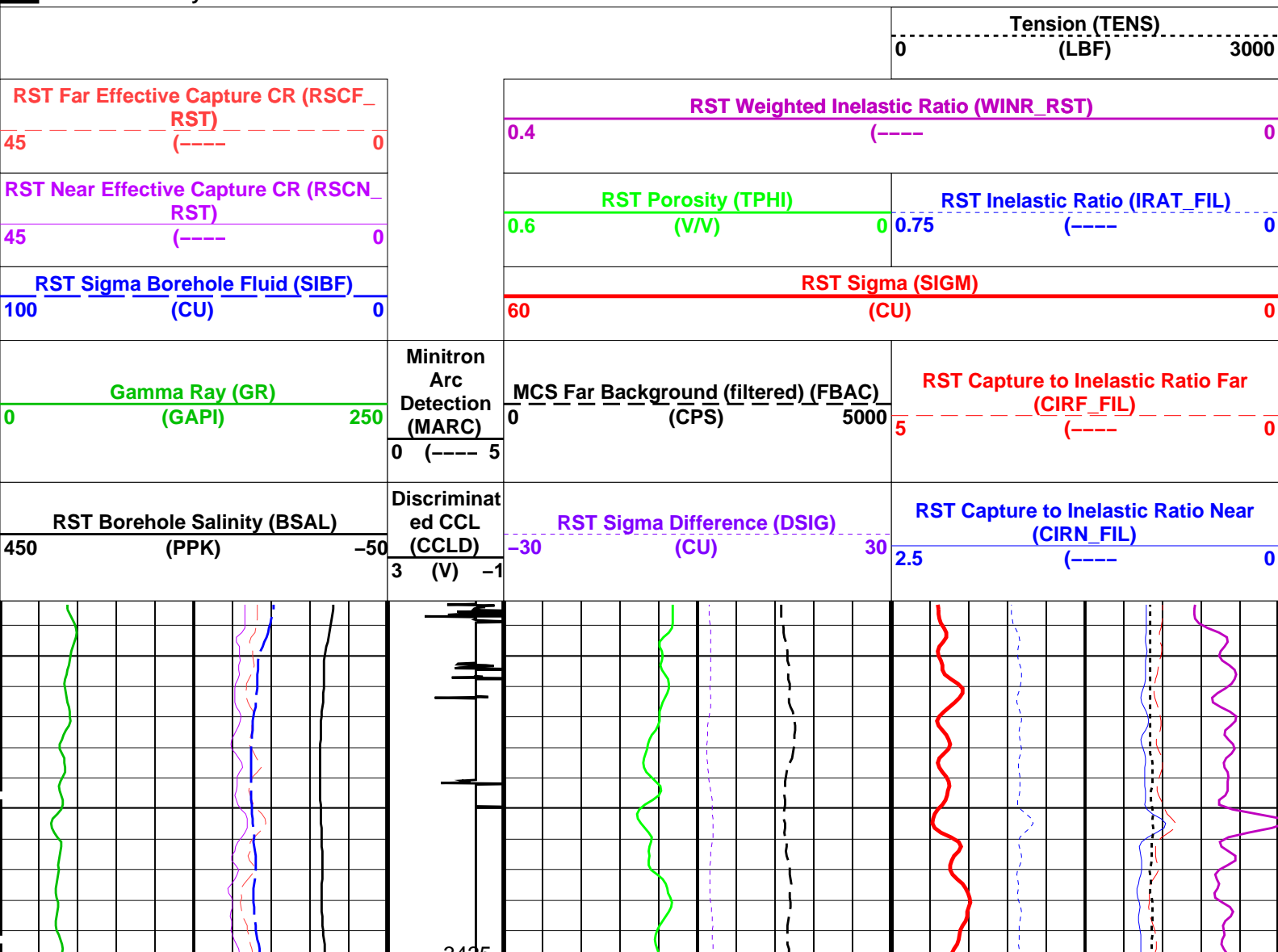
## OP System Version: 13C0-300

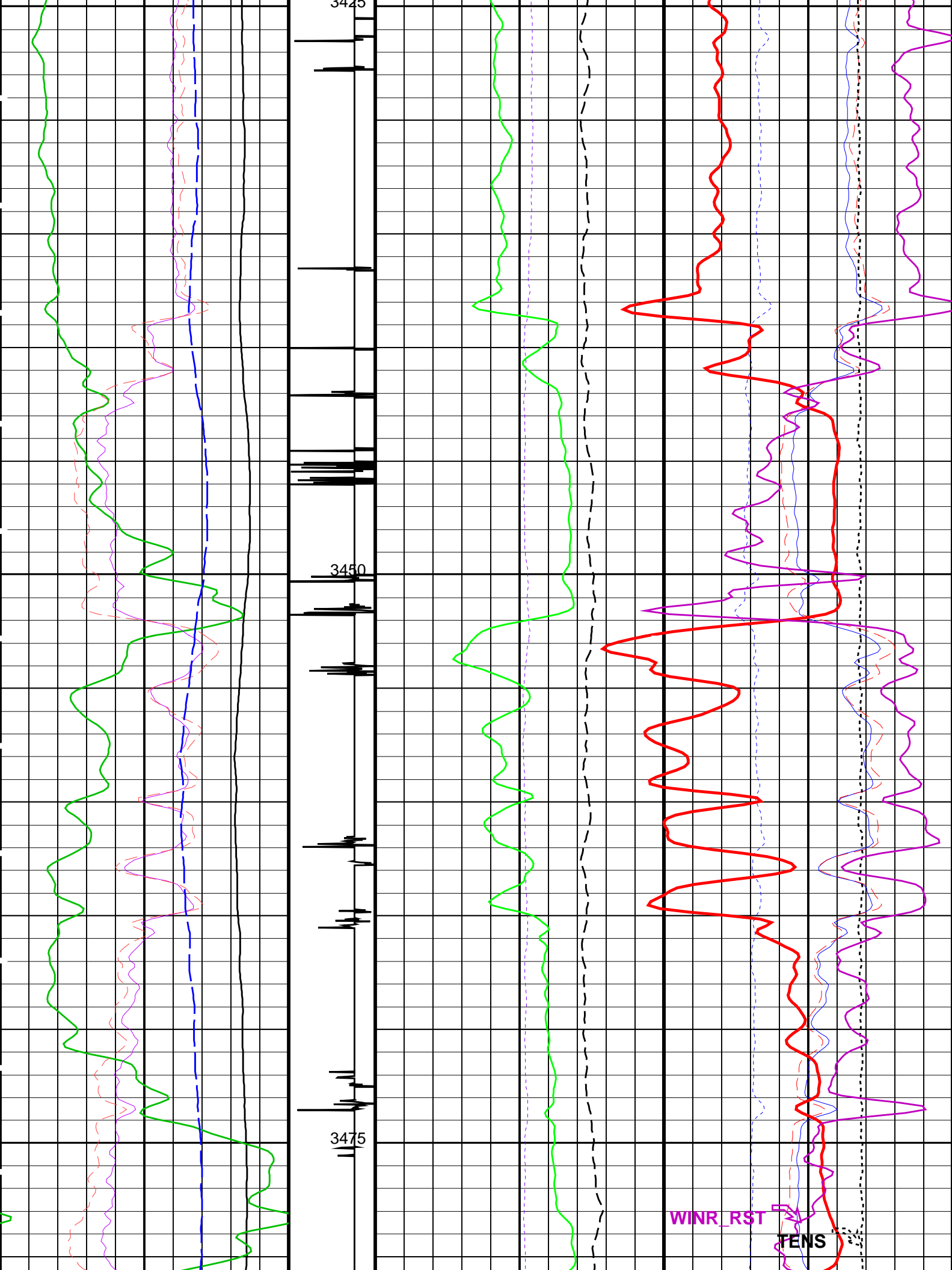
MCM

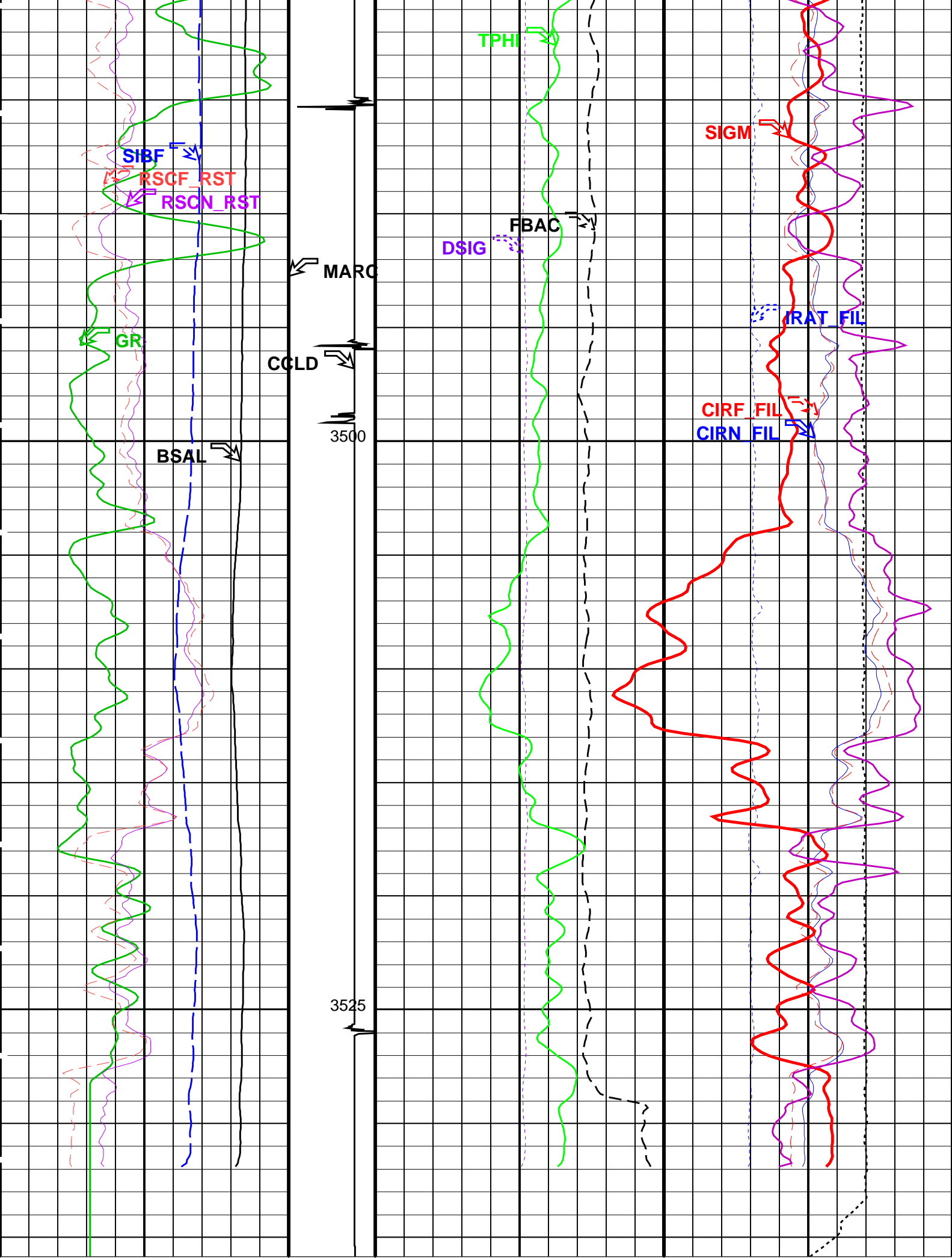
RST-C 13C0-300 PSPT-A/B 13C0-300

## PIP SUMMARY

Time Mark Every 60 S








RST Borehole Salinity (BSAL)		Discriminat ed CCL (CCLD)  3 (V) -1	RST Sigma Difference (DSIG)		RST Capture to Inelastic Ratio Near		
450	(PPK)		-30	(CU)	30	RST Capture to Inelastic Ratio Near (CIRN_FIL)	
						2.5 (----) 0	
Gamma Ray (GR)		Minitron Arc Detection (MARC)	MCS Far Background (filtered) (FBAC)		RST Capture to Inelastic Ratio Far		
0	(GAPI)		250	0	(CPS)	5000	RST Capture to Inelastic Ratio Far (CIRF_FIL)
		0 (---- 5				5 (----) 0	
RST Sigma Borehole Fluid (SIBF)			RST Sigma (SIGM)				
100	(CU)		0	60	(CU)	0	
RST Near Effective Capture CR (RSCN_ RST)			RST Porosity (TPHI)		RST Inelastic Ratio (IRAT_FIL)		
45	(----)		0	0.6	(V/V)	0	0.75 (----) 0
RST Far Effective Capture CR (RSCF_ RST)			RST Weighted Inelastic Ratio (WINR_RST)				
45	(----)		0	0.4	(----)	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			
	Tractor Available in Tool String	NO	
AIRB	RST Air Borehole	No	
BHS	Borehole Status	CASED	
BHT	Bottom Hole Temperature (used in calculations)	100	DEGC
CSID	Casing Size I.D.	6.875	IN
DFPC	Depth Filter Processing Constant	One	
GCSE	Generalized Caliper Selection	BS	
GDEV	Average Angular Deviation of Borehole from Normal	21	DEG
GGRD	Geothermal Gradient	0.018227	DC/M
GRSE	Generalized Mud Resistivity Selection	CHART_GEN_9	
GTSE	Generalized Temperature Selection	LINEAR_ESTIMATE	
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	RST PVL Peak Signal/Noise Threshold	3	
RGAI	Near/Far Gain Calibration Ratio	1	
SHT	Surface Hole Temperature	25	DEGC
TIER_IC	RST IC Acquisition Mode	0_CO_Yield_and_Spectrolith	
TIER_SIGM	RST Sigma Acquisition Mode	0_RST_Sigma	
WOFSL_PRST	RST Desired WFL-Off Subcycle Length	0	
WONSL_PRST	RST Desired WFL-On Subcycle Length	0	
WSCOM_PRST	RST Station Log Comment		
PSPT-A/B: Production Services Logging Platform			
BHS	Borehole Status	CASED	
BHT	Bottom Hole Temperature (used in calculations)	100	DEGC
CSID	Casing Size I.D.	6.875	IN
GCSE	Generalized Caliper Selection	BS	
GDEV	Average Angular Deviation of Borehole from Normal	21	DEG
GGRD	Geothermal Gradient	0.018227	DC/M
GRSE	Generalized Mud Resistivity Selection	CHART_GEN_9	
GTSE	Generalized Temperature Selection	LINEAR_ESTIMATE	
MATR	Rock Matrix for Neutron Porosity Corrections	SANDSTONE	
PBPO	PBMS Tool position on CAN	2	
PCCG	PBMS CCL Gain	DB36	
PSTP	PSTC Tool Position on CAN Bus	1	
SHT	Surface Hole Temperature	25	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	7.625	IN
CWEI	Casing Weight	29.70	LB/F
DFD	Drilling Fluid Density	-50000.00	LB/G
DO	Depth Offset for Playback	0.0	M
MST	Mud Sample Temperature	-50000.00	DEGF
PRVSCADD	Use alternate depth channel for playback	NO	

PBV5ADP	Use alternate depth channel for playback	NO	
PP	Playback Processing	RECOMPUTE	
RMFS	Resistivity of Mud Filtrate Sample	-50000.0000	OHMM
RW	Resistivity of Connate Water	1.0000	OHMM
TD	Total Depth	-50000	FT
TDD	Total Depth - Driller	-50000.00	FT
TDL	Total Depth - Logger	-50000.00	FT
TWS	Temperature of Connate Water Sample	100.00	DEGF

Format: RST_SIG_ANSW		Vertical Scale: 1:200		Graphics File Created: 30-Mar-2006 12:59	
OP System Version: 13C0-300					
MCM					
RST-C	13C0-300	PSPT-A/B		13C0-300	
Input DLIS Files					
30-Mar-2006 10:39					
Output DLIS Files					
DEFAULT	RST_PSP_015PUP	FN:1	PRODUCER	30-Mar-2006 12:59	



Correlation Pass

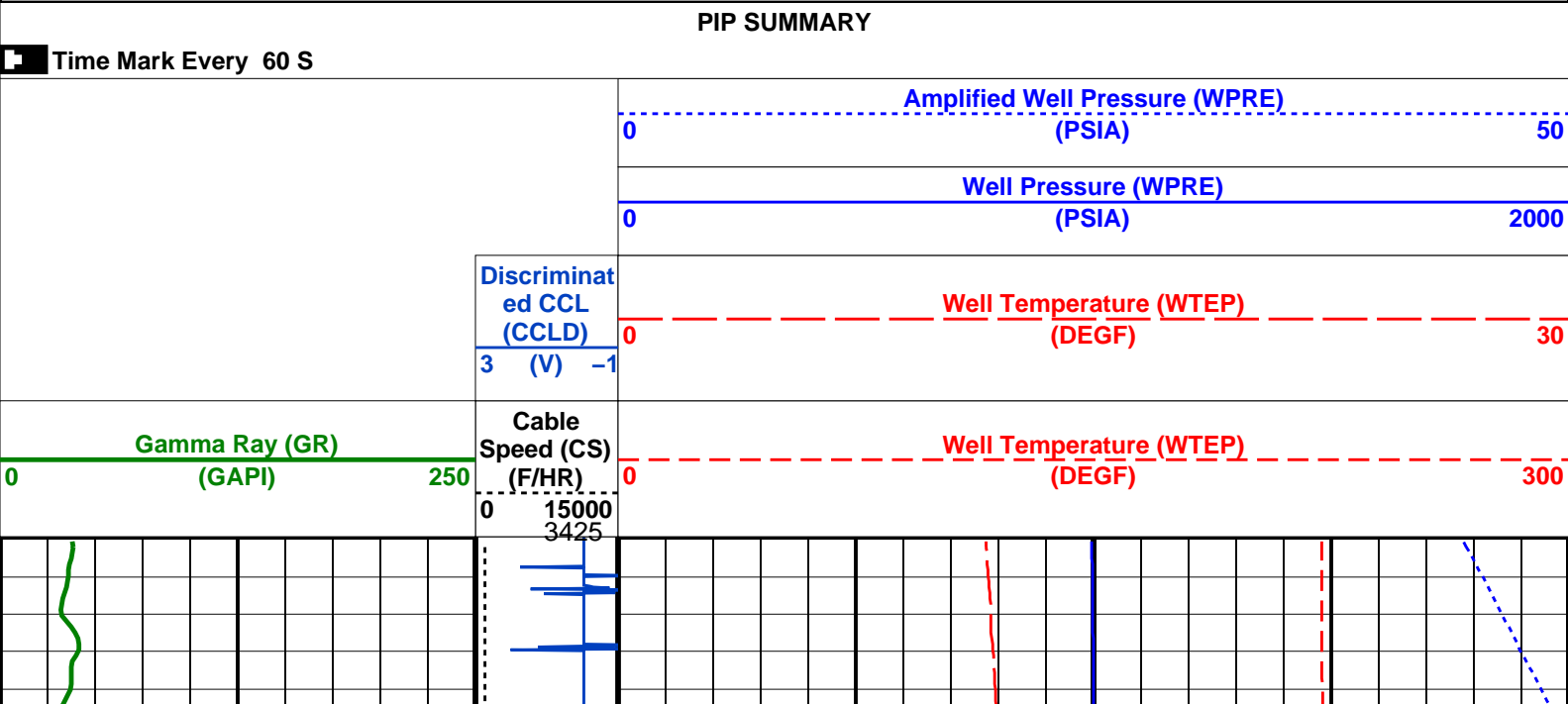
Gamma Ray Baseline

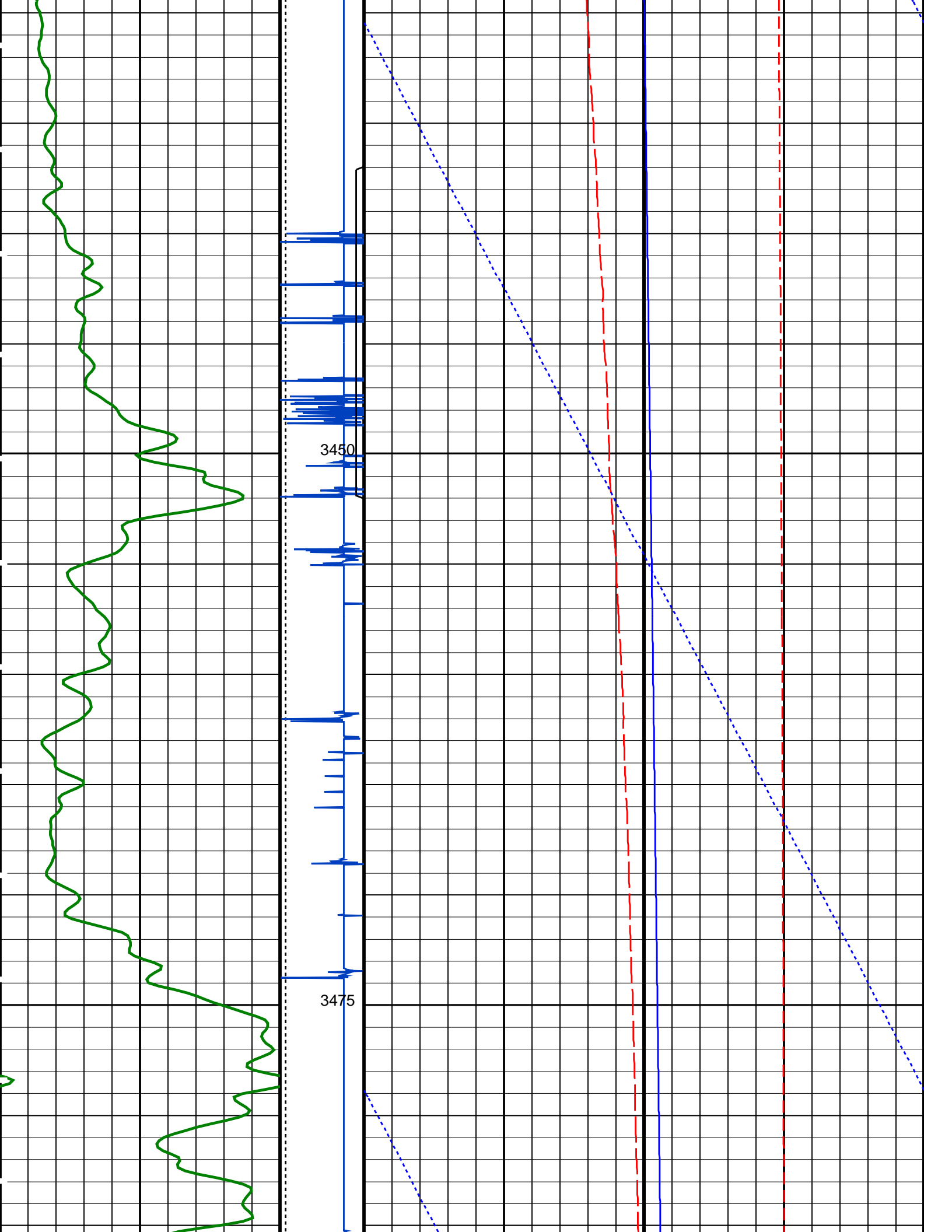
MAXIS Field Log

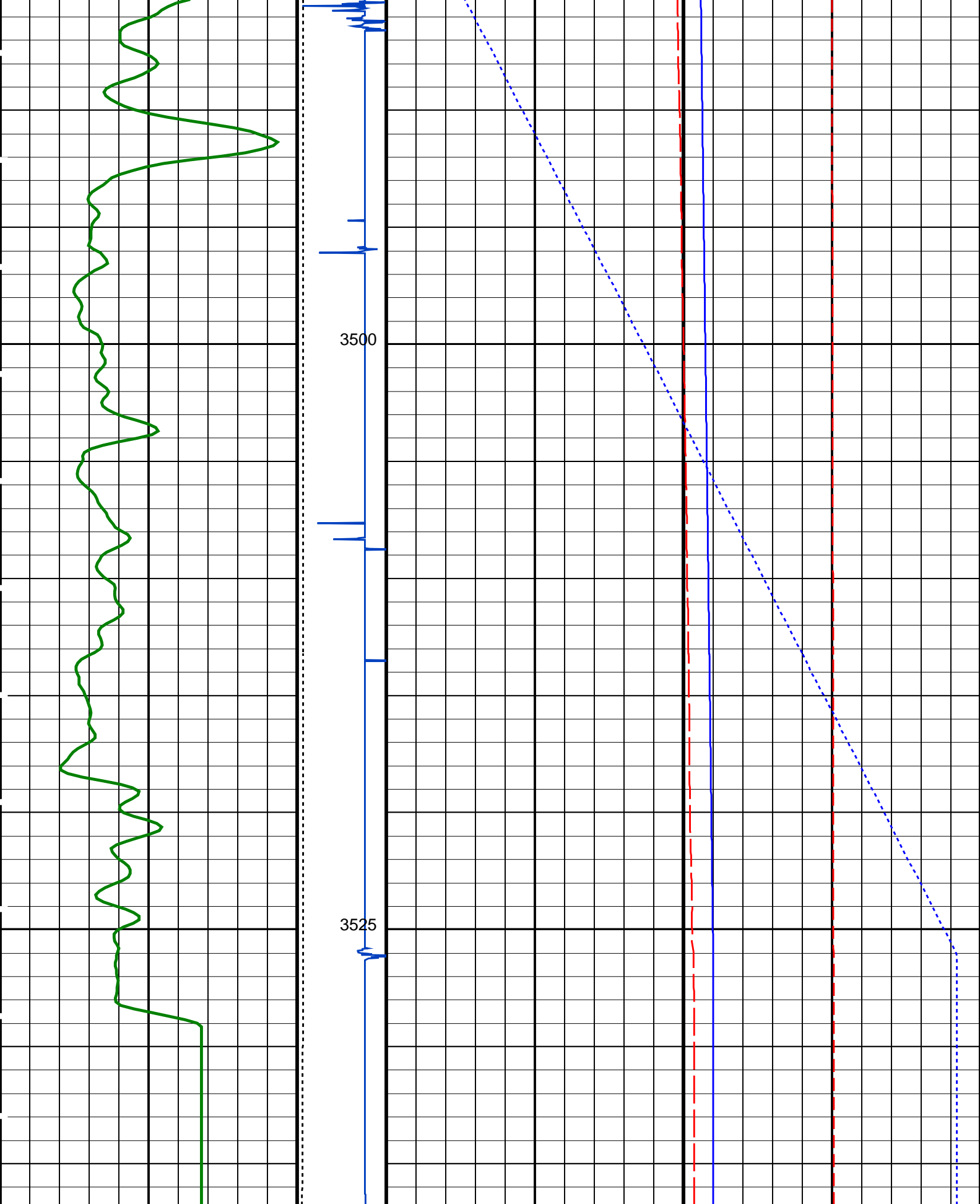
Company: Esso Australia Ltd	Well: CBA F-4
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Output DLIS Files					
DEFAULT	RST_PSP_007LUP	FN:6	PRODUCER	12-Mar-2006 12:33	3536.7 M
					3424.9 M

OP System Version: 13C0-300					
MCM					
RST-C	PTC-2716-NUCL	PSPT-A/B	13C0-300		







Gamma Ray (GR) (GAPI)	Cable Speed (CS) (F/HR)	Well Temperature (WTEP) (DEGF)
0	0	0
250	15000	300



