



Company: ExxonMobil

Well: Bream A27a

Field: BREAM

Rig: ISDL 453

Country: Australia

Sigma and IC Modes
Reservoir Saturation Log
D:200

Rig:	ISDL 453
Field:	BREAM
Location:	Gippsland Basin
Well:	Bream A27a
Company:	ExxonMobil
LOCATION	
Gippsland Basin Bass Strait	Elev.: K.B. 33.5 m G.L. -59.4 m D.F. 33.5 m
Permanent Datum: Log Measured From:	GROUND LEVEL DRILL FLOOR
Drilling Measured From:	Elev.: 0 m above Perm. Datum DRILL FLOOR
State: Victoria	Max. Well Deviation 65 deg
	Longitude 147° 46' 15" E
	Latitude 38° 30' 4" S

	Run 1	Run 2	Run 3
Oil Density			
Water Salinity			
Gas Gravity			
Bo			
Bw			
1/Bg			
Bubble Point Pressure			
Bubble Point Temperature			
Solution GOR			
Maximum Deviation	65 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			

Logging Date	14-Jan-2006
Run Number	1
Depth Driller	3582 m
Schlumberger Depth	3544 m
Bottom Log Interval	3430 m
Top Log Interval	3510 m
Casing Fluid Type	Brine
Salinity	
Density	1 g/cm3
Fluid Level	
BIT/CASING/TUBING STRING	
Bit Size	8.500 in
From	0 m
To	3617 m
Casing/Tubing Size	7.000 in
Weight	26 lbm/ft
Grade	N-80
From	0 m
To	3594.9 m
Maximum Recorded Temperatures	96 degC
Logger On Bottom	15-Jan-2006
Unit Number	94
Recorded By	D.Molokhov, O.Darby, O.Tahmisiic
Witnessed By	T.Bassett, B.Steel

DEPTH SUMMARY LISTING

Date Created: 15-JAN-2006 17:36:10

Depth System Equipment

Depth Measuring Device		Tension Device		Logging Cable	
Type:	IDW-H	Type:	CMTD-B/A	Type:	2-32ZT
Serial Number:	796	Serial Number:	1721	Serial Number:	24187
Calibration Date:	9-Jun-2005	Calibration Date:	15-Feb-2005	Length:	4400.09 M
Calibrator Serial Number:	1009	Calibrator Serial Number:	1051	Conveyance Method:	Wireline
Calibration Cable Type:	2-23ZT	Calibration Gain:	0.81	Rig Type:	Offshore_Fixed
Wheel Correction 1:	-5	Calibration Offset:	217.00		
Wheel Correction 2:	-4				

Depth Control Parameters

Log Sequence:	Subsequent Trip To the Well
Reference Log Name:	RST Sigma Interpretation
Reference Log Run Number:	
Reference Log Date:	3-Oct-2005
Subsequent Trip Down Log Correction:	16.50 M

Depth Control Remarks

1. All Schlumberger Depth Control Procedures Followed.
2. Log correlated to reference log provided by Client.
3. Gamma Ray response used for correlation.
4. IDW and Z-Chart used as per Standard Operating Procedure.

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: None	OS1:
OS2:	OS2:
OS3:	OS3:
OS4:	OS4:
OS5:	OS5:
REMARKS: RUN NUMBER 1	REMARKS: RUN NUMBER 2
Log Objectives: Determine G/W and O/W contacts	
Client provided reference log: 3-Oct-2005, RST-Sigma Interpretation, Essp	
BOPV pressure tested to 3,000 psi	
BHP: 2,800 psi BHT: 96.3 degC	
Pressure and temperature data gathered from PBMS tool.	
Tool string as per enclosed sketch.	
Logging interval was 3510 - 3430 mMD	
Two Sigma passes at 900 ft/hr. One incomplete C/O pass at 100 ft/hr	

All LQC readings within tolerances. Sigma mode repeatability is +/- 5cu in clean sands.	
Minitron Operating Time is incorrect; actual total is less than 60 hrs.	
Schlumberger crew: D. Molokhov, O. Darby, O. Tahmiscic, P. Flood, N. Simmons, K. Kerr, C. Armstrong	
Thank you for choosing Schlumberger.	

	EQUIPMENT DESCRIPTION	
RUN 1		RUN 2

WITM-A 423

DOWNHOLE EQUIPMENT

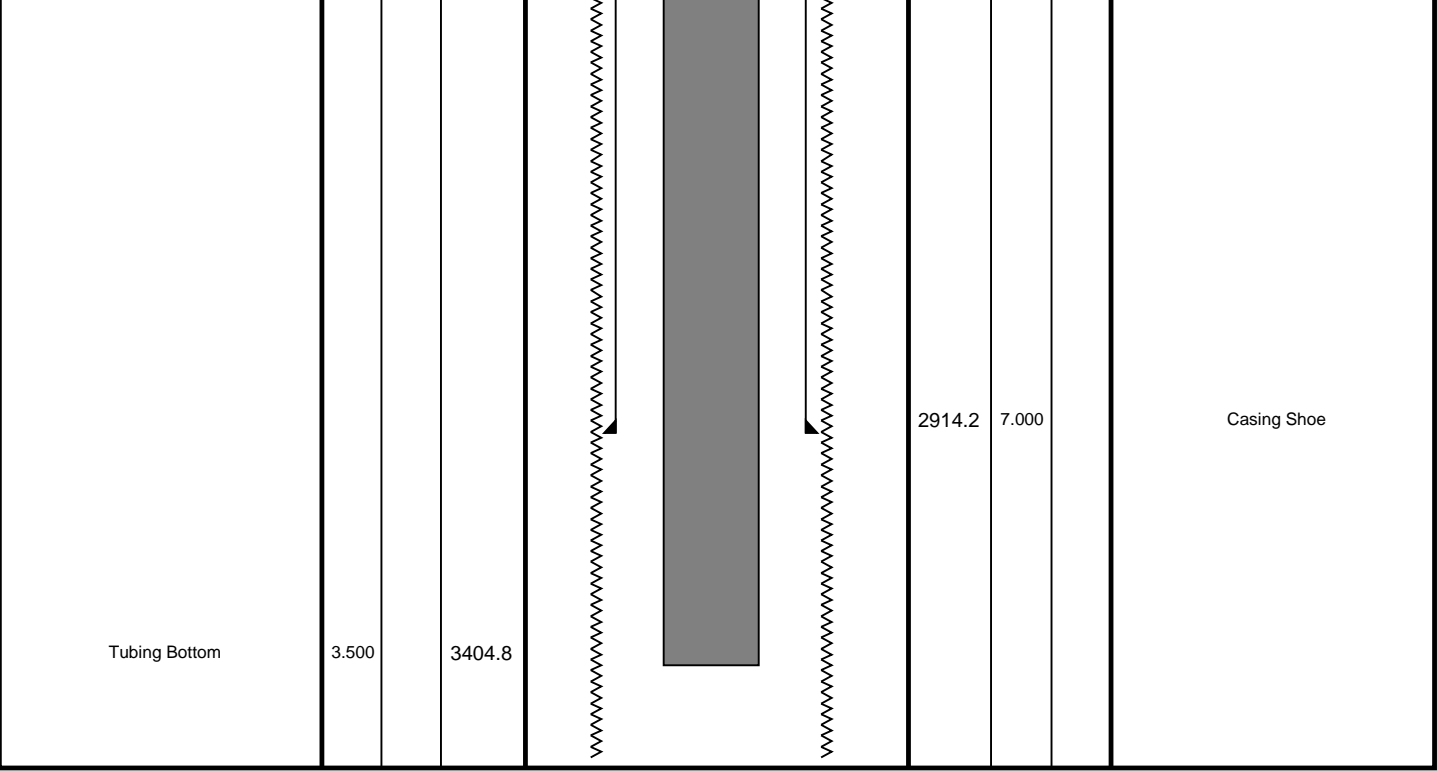
Equipment	Depth (ft)
MH-22	13.32
MH-22	
AH-38	12.84
PSPT-A/B	12.74
PSC-A	
PSPT-B 827	
PSTC 827	
PBMS-B 827	
CQG_F_Mano 827	
RTD Thermometer 827	
GR 3314	11.61
CCL 827	
PBMS	
Well Temp	10.68
CQG Manom	10.57
CCL	10.44
PBMS PSTC	10.22
RST-C	10.22
RSCH-A 45	
RSC-C 57	
RSS-A 45	
RSXH-A 63	
RSX-C 59	
RSC-A Far	7.44
RSC-A PNG	
RSC-A Nea	
RSX-A PNG	7.28

RSC-A Far	7.44
RSC-A PNG	
RSC-A Nea	
RSX-A PNG	7.28

Drawing Date: 1/15/2006

Rig Name:	Bream A
Reference Datum:	Mean Sea Level
Elevation:	33.5 m

Production String				Well Schematic				Casing String
	(in)	(m)			(m)	(in)		
	OD	ID	MD		MD	OD	ID	
Tubing Tubing Hanger	3.500 3.600	3.500	12.9		0.0 12.9	8.500 10.570		Borehole Segment Casing String, 60.4 kg/m, K-55
					1358.1 1358.1 1358.1	10.570 7.000 10.570	7.000	Casing Shoe Casing String Liner Hanger



PBMS Coefficients Report

MAXIS Field Log

Client:	ExxonMobil	Tool:	PSP
Field:	BREAM	Sub Type:	PBMS
Well:	Bream A27a	Sensor:	WellTemp RTD
Run date:	14-Jan-2006		

PBMS RTD Well Thermometer

Sonde Serial NB	COEFFICIENTS FOR RTD THERMOMETER PBMS-B.827 S/N:
Sensor Serial NB	827
Calib Date ddmmyy	081102
Matrix Size	16
Coeff CRC	FDC1

WT = 0.00

Wtemp Coeff

	Tt**0	Tt**1	Tt**2
Tt**0	-.107529771062E+01	-.231562951301E+03	+.125219430906E+03
	Tt**3	Tt**4	Tt**5
Tt**0	-.203814029058E+02	+.126658591475E+01	0.0

Client: ExxonMobil

Field: BREAM

Well: Bream A27a

Run date: 14-Jan-2006

Tool: PSP

Sub Type: PBMS

Sensor: CQG

PBMS Quartz Gauge type F

Sonde Serial NB

Sensor Serial NB

Calib Date ddmmyy

Matrix Size

Coeff CRC

COEFFICIENTS FOR CQG PBMS-B.827 S/N:

827

081102

66

C46C

Pres Coeff

	Fb**0	Fb**1	Fb**2
Fc**0	+.680111397678E+04	+.120782849813E-01	-.190777031362E-06
Fc**1	-.102658491254E+01	-.122997408660E-04	-.947821859003E-10
Fc**2	+.102857781380E-05	+.451140459628E-10	+.108645338870E-14
Fc**3	+.229474703087E-11	+.267043935603E-15	0.0
Fc**4	0.0	0.0	0.0
Fc**5	0.0	0.0	0.0
	Fb**3	Fb**4	Fb**5
Fc**0	-.728373610617E-10	-.117027996504E-14	-.427650821315E-19
Fc**1	-.574592682574E-15	+.626410561221E-19	0.0
Fc**2	0.0	0.0	0.0
Fc**3	0.0	0.0	0.0
Fc**4	0.0	0.0	0.0
Fc**5	0.0	0.0	0.0

PBMS Quartz Gauge type F

Sonde Serial NB :
Sensor Serial NB 827
Calib Date ddmmyy 081102
Matrix Size 66
Coeff CRC D778

Temp Coeff

	Fc**0	Fc**1	Fc**2
Fb**0	+1.117320330296E+03	-.327291380978E-03	+800273425884E-08
Fb**1	-.596633620850E-02	+1.180306224649E-07	+1.174544544846E-12
Fb**2	-.317763414682E-07	+3.16358144271E-12	+6.65615503387E-18
Fb**3	-.325475568911E-12	+1.117312053016E-16	0.0
Fb**4	0.0	0.0	0.0
Fb**5	0.0	0.0	0.0

	Fc**3	Fc**4	Fc**5
Fb**0	+1.145389553894E-12	-.240593703427E-16	-.210532380041E-20
Fb**1	-.670929322772E-17	-.768634336894E-21	0.0
Fb**2	0.0	0.0	0.0
Fb**3	0.0	0.0	0.0
Fb**4	0.0	0.0	0.0
Fb**5	0.0	0.0	0.0

PBMS Quartz Gauge type F

Sonde Serial NB :
Sensor Serial NB 827
Calib Date ddmmyy 081102
Matrix Size 16
Coeff CRC 3A10

Clock Freq Coeff

	(Fb'-Fc')**0	(Fb'-Fc')**1	(Fb'-Fc')**2
(Fb'-Fc')**0	+3.10717873229E+05	+2.83304156557E-02	+7.51184977200E-06

	(Fb'-Fc')**3	(Fb'-Fc')**4	(Fb'-Fc')**5
(Fb'-Fc')**0	-.644205958216E-10	-.659839772199E-15	+1.116231809906E-19

PBMS Quartz Gauge type F

Sonde Serial NB

Sonde Serial NB :
Sensor Serial NB 827
Calib Date ddmmyy 081102
Matrix Size 16
Coeff CRC 0720

Clock Temp Coeff

	$(Fb'-Fc')^{**0}$	$(Fb'-Fc')^{**1}$	$(Fb'-Fc')^{**2}$
$(Fb'-Fc')^{**0}$	+.116746443531E+03	-.564375768344E-02	-.272714359911E-07
	$(Fb'-Fc')^{**3}$	$(Fb'-Fc')^{**4}$	$(Fb'-Fc')^{**5}$
$(Fb'-Fc')^{**0}$	+.321430130517E-12	-.982051921677E-16	+.471244814554E-20

Client: ExxonMobil
Field: BREAM
Well: Bream A27a
Run date: 14-Jan-2006

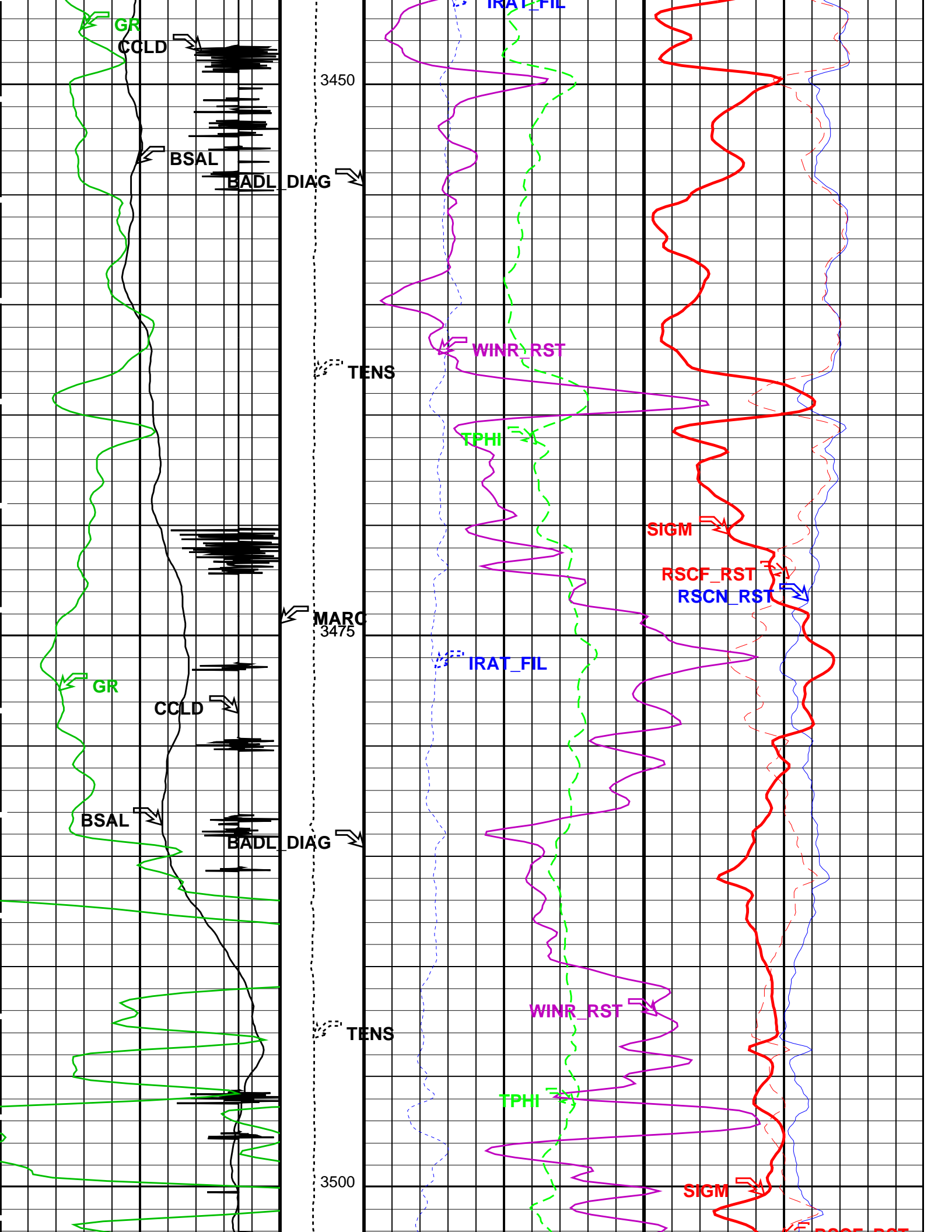
Tool: PSP
Sub Type: PBMS
Sensor: GR

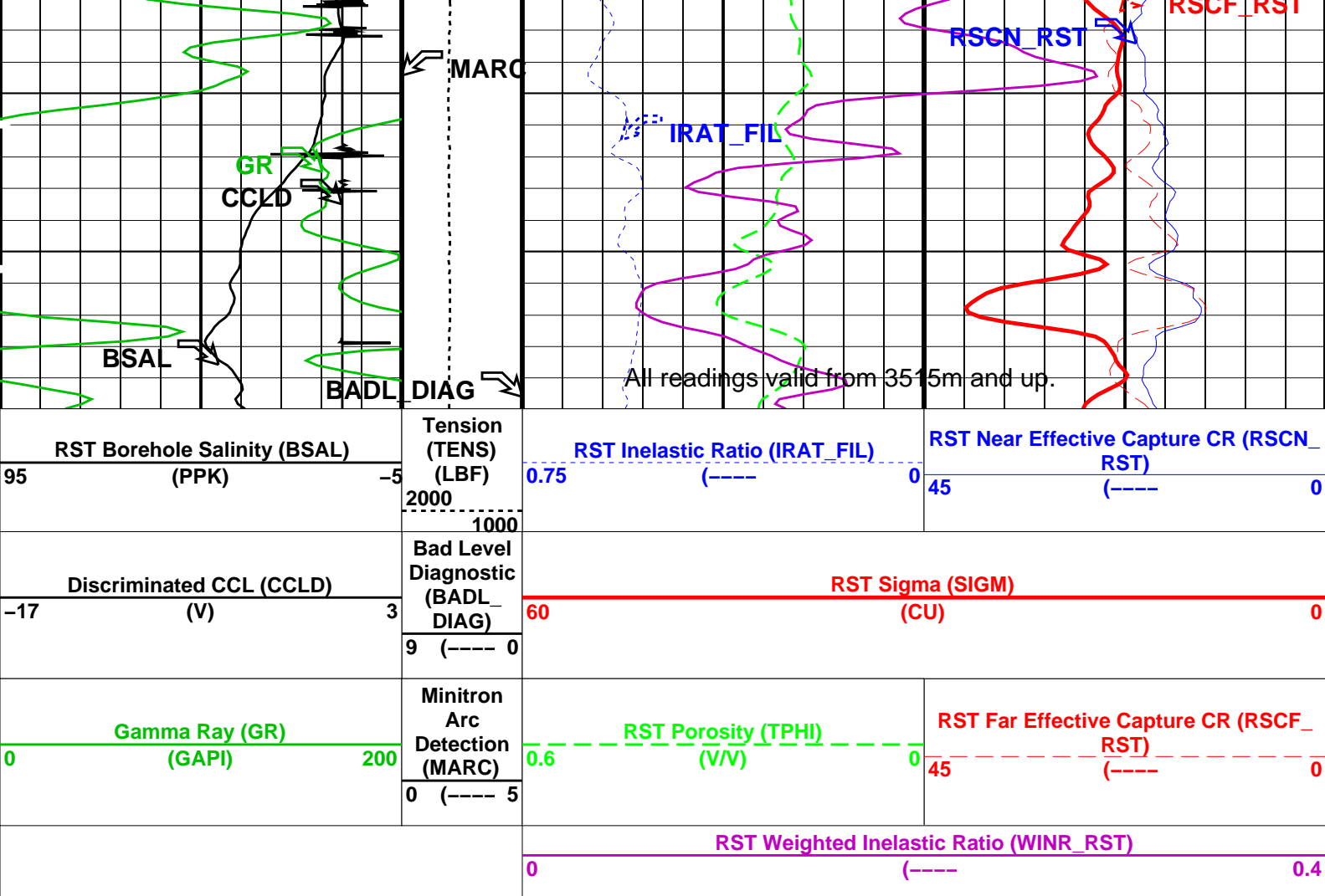
PBMS Gamma Ray

Sonde Serial NB RESISTORS FOR GR SENSOR N.33143, TOOL PBMS-BA0827. SENSOR S/N:
Sensor Serial NB 33143
Calib Date ddmmyy 170399
Matrix Size 12
Coeff CRC 7B0B

GR HV Rt

	Rt^{**0}	Rt^{**1}
Rt^{**0}	+.147000000000e+04	+.332000000000e+04





Time Mark Every 60 S

PIP SUMMARY

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)	96.3	DEGC
BSALOPT	RST Borehole Salinity Option	Unknown	
BSFL	RST Borehole Salinity Filter Length	51	
CSID	Casing Size I.D.	6.276	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	55	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	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-A/B: Production Services Logging Platform			
BHS	Borehole Status	CASED	
BHT	Bottom Hole Temperature (used in calculations)	96.3	DEGC
CSID	Casing Size I.D.	6.276	IN
GCSE	Generalized Caliper Selection	BS	

GDEV	Average Angular Deviation of Borehole from Normal	55	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	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	26.00	LB/F
DFD	Drilling Fluid Density	1.00	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	3582	M
TDD	Total Depth - Driller	3582.00	M
TDL	Total Depth - Logger	3544.00	M
TWS	Temperature of Connate Water Sample	37.78	DEGC

Format: RST_SIG_ANSW Vertical Scale: 1:200 Graphics File Created: 15-Jan-2006 17:12

OP System Version: 13C0-300

MCM

RST-C PTC-2789-NUCL PSPT-A/B 13C0-300

Input DLIS Files

RTBU RST_PSP_011LUP FN:14 PRODUCER 15-Jan-2006 12:44 3535.1 M 3414.7 M

Output DLIS Files

DEFAULT RST_PSP_011PUP FN:18 PRODUCER 15-Jan-2006 17:12
CUSTOMER RST_PSP_011PUC FN:19 CUSTOMER 15-Jan-2006 17:12

Schlumberger

Sigma Pass No 1

MAXIS Field Log

Company: ExxonMobil

Well: Bream A27a

Input DLIS Files

RTBU RST_PSP_010LUP FN:12 PRODUCER 15-Jan-2006 11:55 3536.6 M 3417.1 M

Output DLIS Files

DEFAULT RST_PSP_008PUP FN:12 PRODUCER 15-Jan-2006 17:02 3515.0 M 3425.3 M
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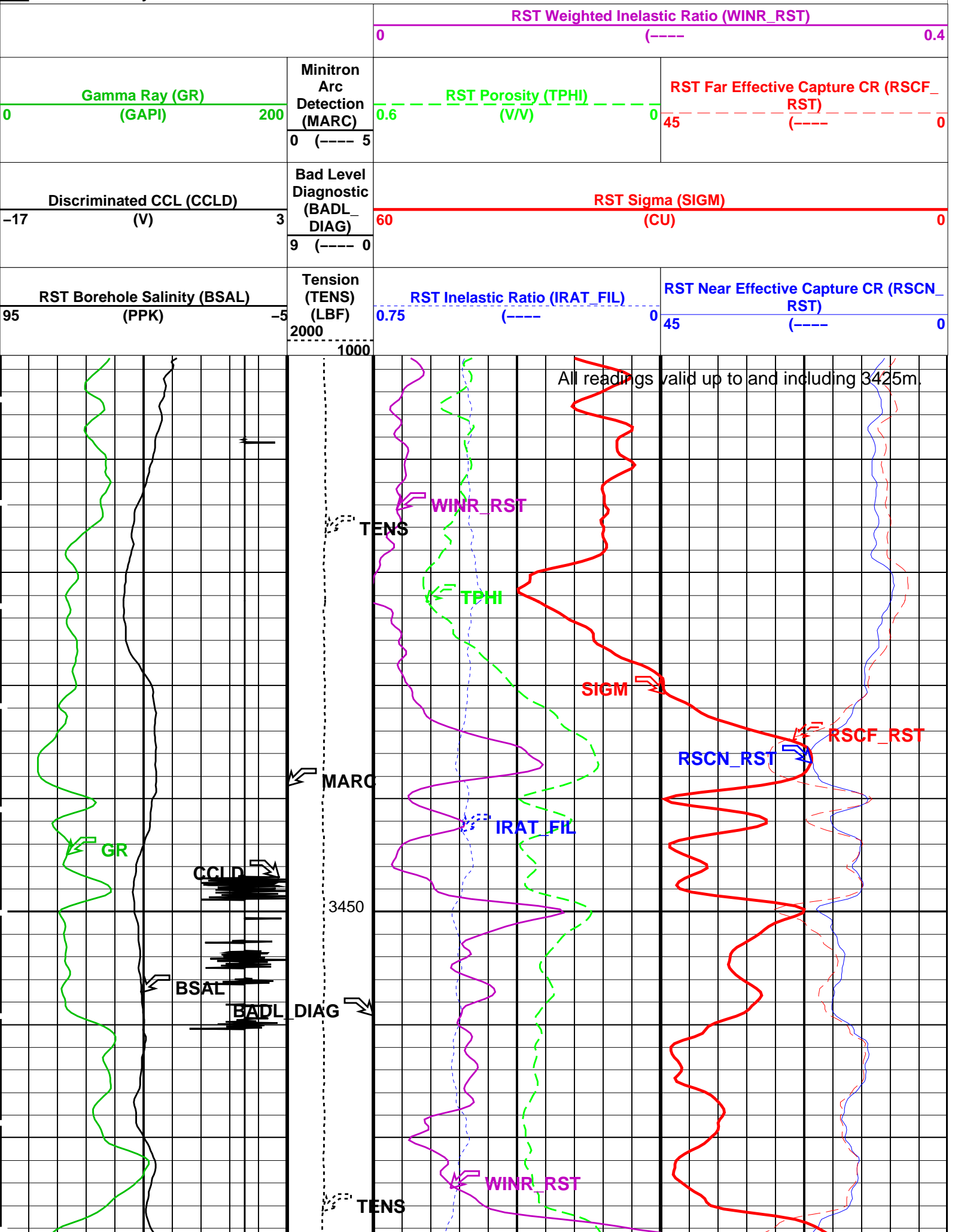
OP System Version: 13C0-300

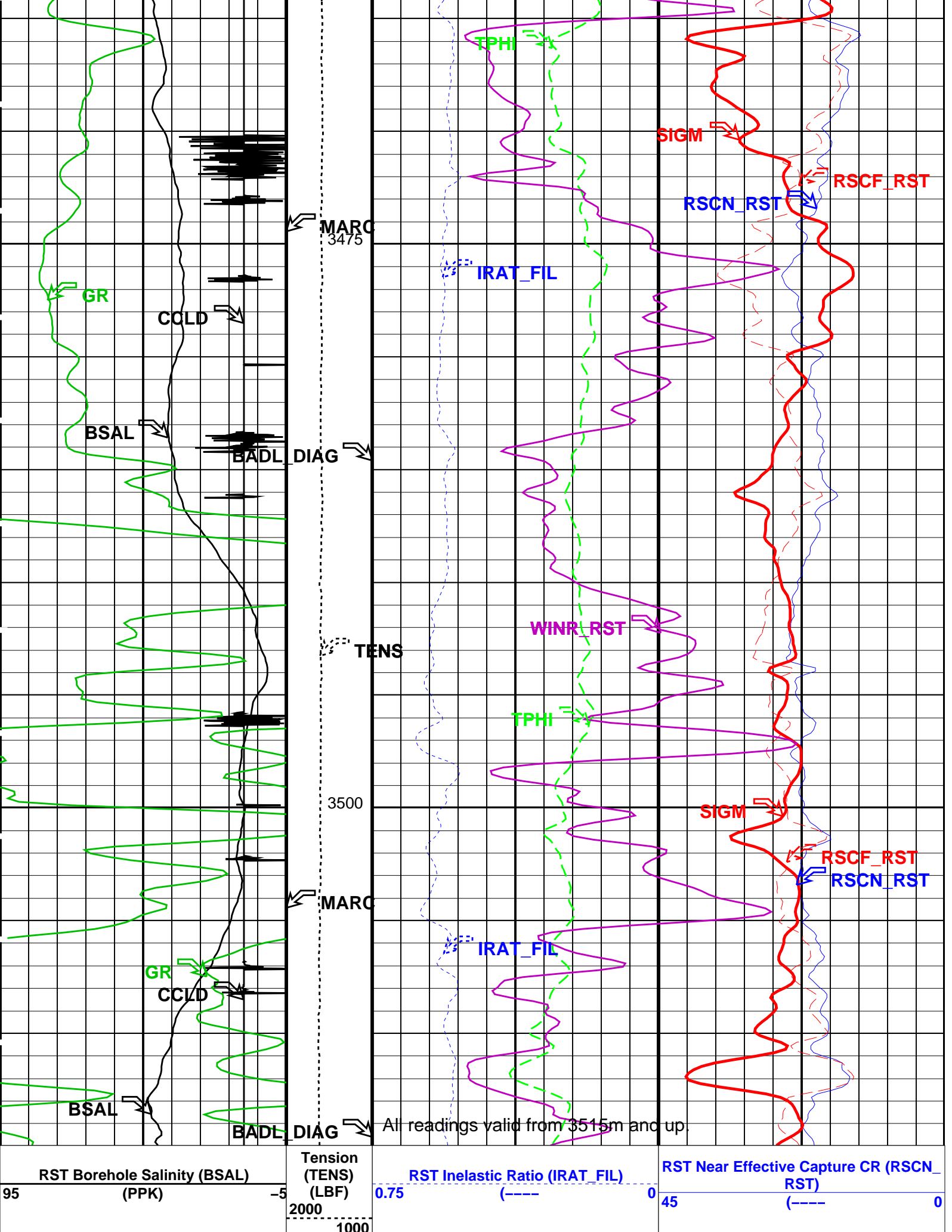
MCM

RST-C PTC-2789-NUCL PSPT-A/B 13C0-300

DIP SUMMARY

Time Mark Every 60 S





RST Borehole Salinity (BSAL)	Tension (TENS) (LBF)	RST Inelastic Ratio (IRAT_FIL)	RST Near Effective Capture CR (RSCN_RST)
95 (PPK)	2000	0.75	45
-5	1000	(---	0

Discriminated CCL (CCLD)		3	Diagnostic (BADL_DIAG)	RST Sigma (SIGM)		
-17	(V)		9 (---- 0	60	(CU) 0	
Gamma Ray (GR)		200	Minitron Arc Detection (MARC)	RST Porosity (TPHI)	RST Far Effective Capture CR (RSCF_RST)	
0	(GAPI)		0 (---- 5	0.6 (V/V) 0	45 (---- 0	
				RST Weighted Inelastic Ratio (WINR_RST)		
				0	(---- 0.4	

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	
BSALOPT	Bottom Hole Temperature (used in calculations)	96.3	DEGC
BSFL	RST Borehole Salinity Option	Unknown	
CSID	RST Borehole Salinity Filter Length	51	
DFPC	Casing Size I.D.	6.276	IN
DFPC_TDTL	RST Depth Filter Processing Constant	One	
GCSE	RST Depth Filter Processing Constant (TDT-like)	Two	
GDEV	Generalized Caliper Selection	BS	
GGRD	Average Angular Deviation of Borehole from Normal	55	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	PVL Peak Signal/Noise Threshold	3	
SHT	Near/Far Gain Calibration Ratio	1	
SMBMO	Surface Hole Temperature	20	DEGC
TIER_IC	RST Sigma Mode Background Minitron Off	No	
TIER_SIGM	RST IC Acquisition Mode	0_CO_Yield_and_Spectrolith	
WOFSL_PRST	RST Sigma Acquisition Mode	0_RST_Sigma	
WONSL_PRST	RST WFL-Off Subcycle Length	0	
WSCOM_PRST	RST WFL-On Subcycle Length	0	
PSPT-A/B: Production Services Logging Platform			
BHS	Borehole Status	CASED	
BHT	Bottom Hole Temperature (used in calculations)	96.3	DEGC
CSID	Casing Size I.D.	6.276	IN
GCSE	Generalized Caliper Selection	BS	
GDEV	Average Angular Deviation of Borehole from Normal	55	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	DB24	
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	26.00	LB/F
DFD	Drilling Fluid Density	1.00	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	3582	M
TDD	Total Depth - Driller	3582.00	M
TDL	Total Depth - Logger	3544.00	M
TWS	Temperature of Connate Water Sample	37.78	DEGC

OP System Version: 13C0-300						
MCM						
RST-C	PTC-2789-NUCL	PSPT-A/B		13C0-300		
Input DLIS Files						
RTBU	RST_PSP_010LUP	FN:12	PRODUCER	15-Jan-2006 11:55	3536.6 M	3417.1 M
Output DLIS Files						
DEFAULT	RST_PSP_008PUP	FN:12	PRODUCER	15-Jan-2006 17:02		
CUSTOMER	RST_PSP_008PUC	FN:13	CUSTOMER	15-Jan-2006 17:02		



Sigma Pass Repeat Analysis

MAXIS Field Log

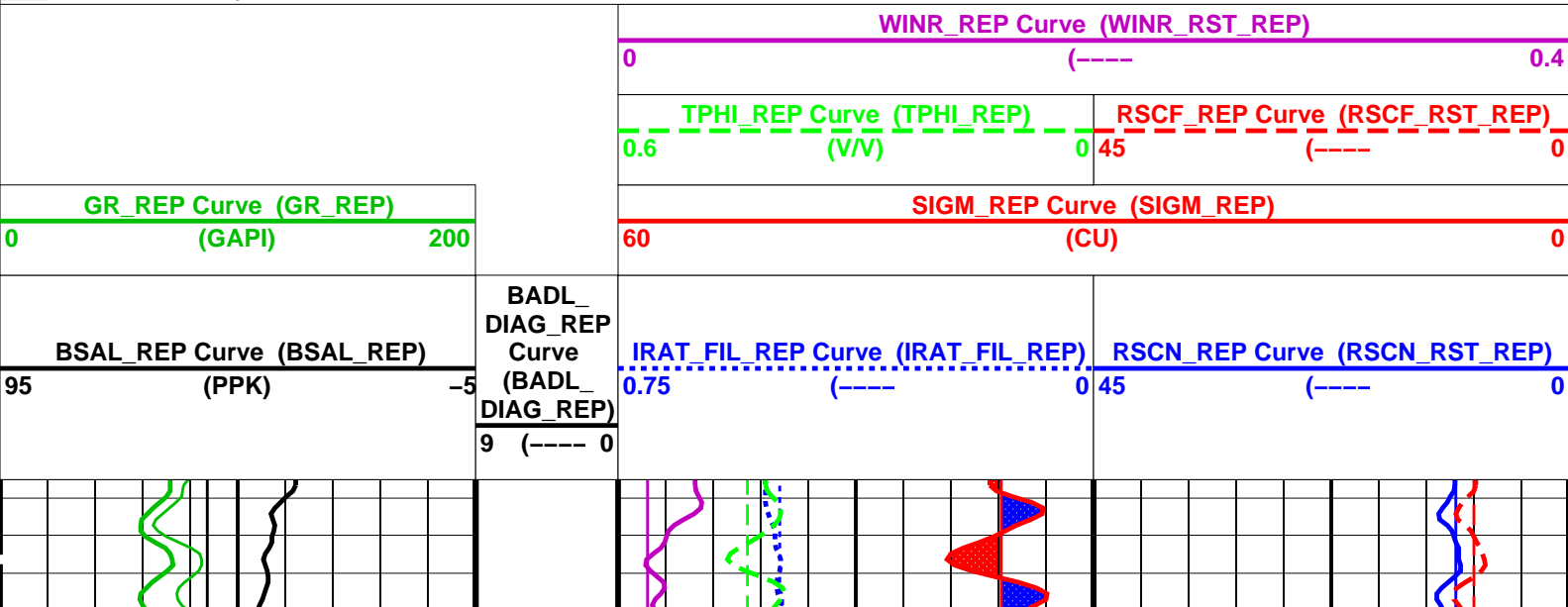
Company: ExxonMobil Well: Bream A27a

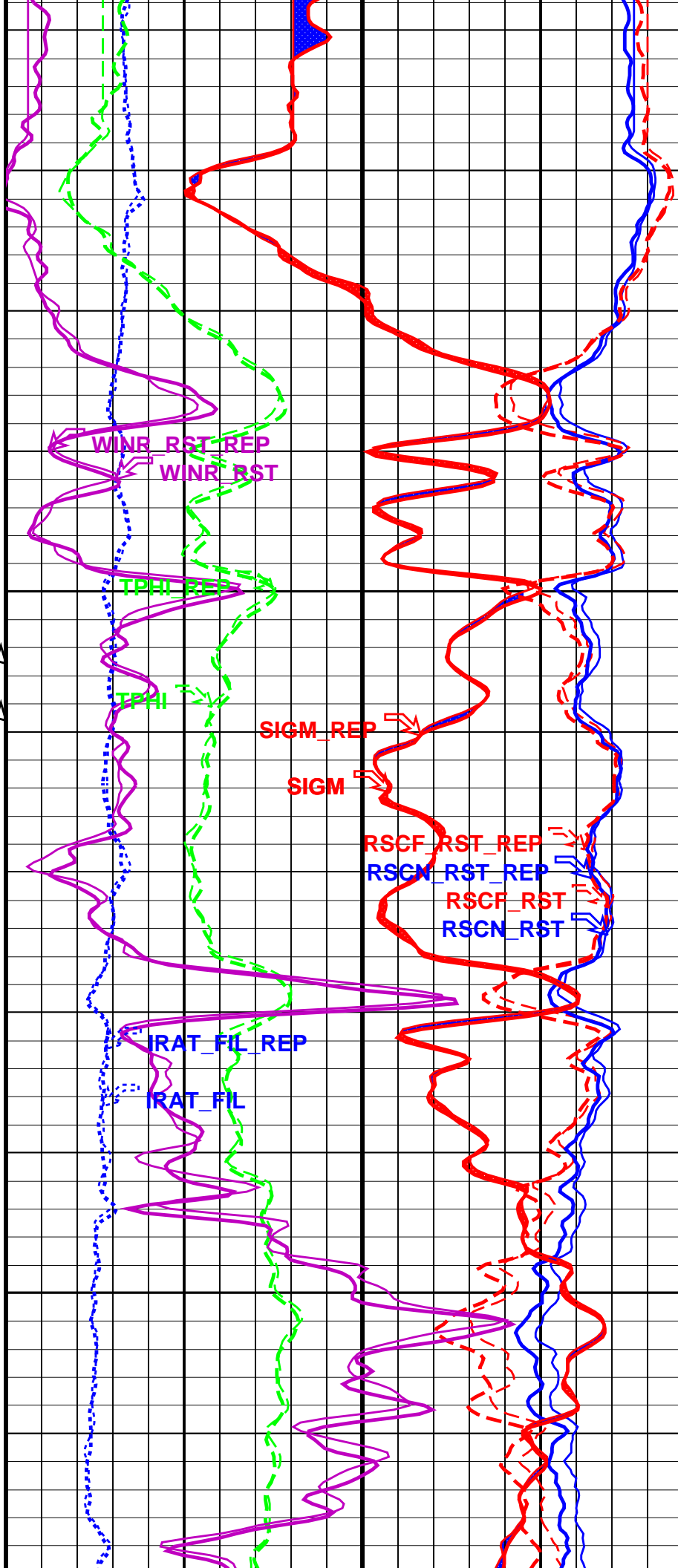
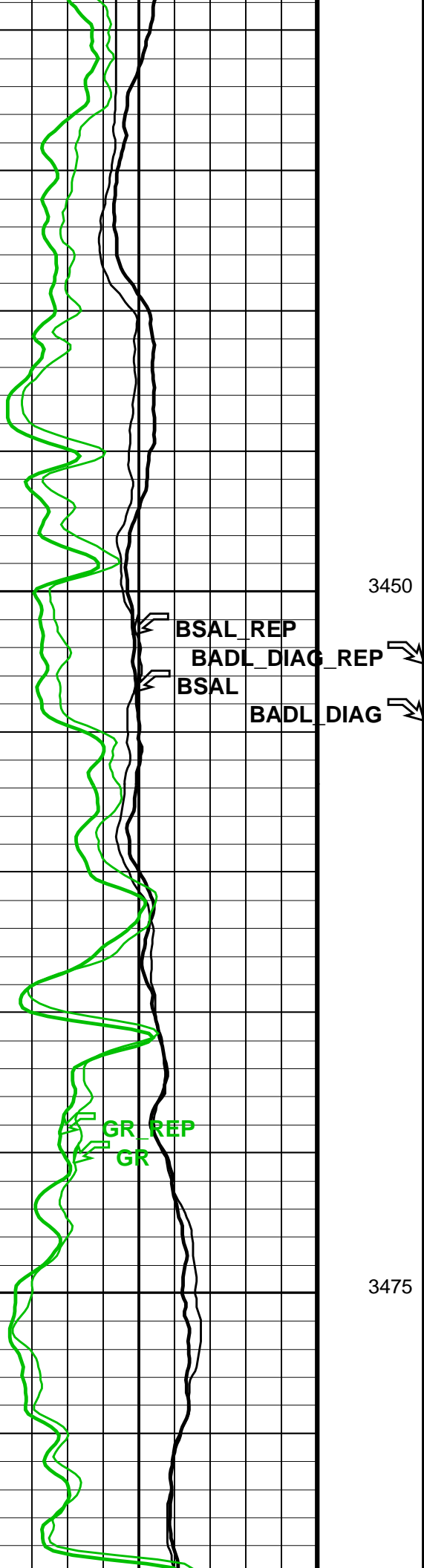
Input DLIS Files					
RTBU	RST_PSP_011LUP	FN:14	PRODUCER	15-Jan-2006 12:44	3535.1 M 3414.7 M
CUSTOMER	RST_PSP_008PUC	FN:13	CUSTOMER	15-Jan-2006 17:02	3515.0 M 3425.3 M
Output DLIS Files					
DEFAULT	RST_PSP_011PUP	FN:18	PRODUCER	15-Jan-2006 17:12	3515.0 M 3425.3 M
CUSTOMER	RST_PSP_011PUC	FN:19	CUSTOMER	15-Jan-2006 17:12	3515.0 M 3425.3 M

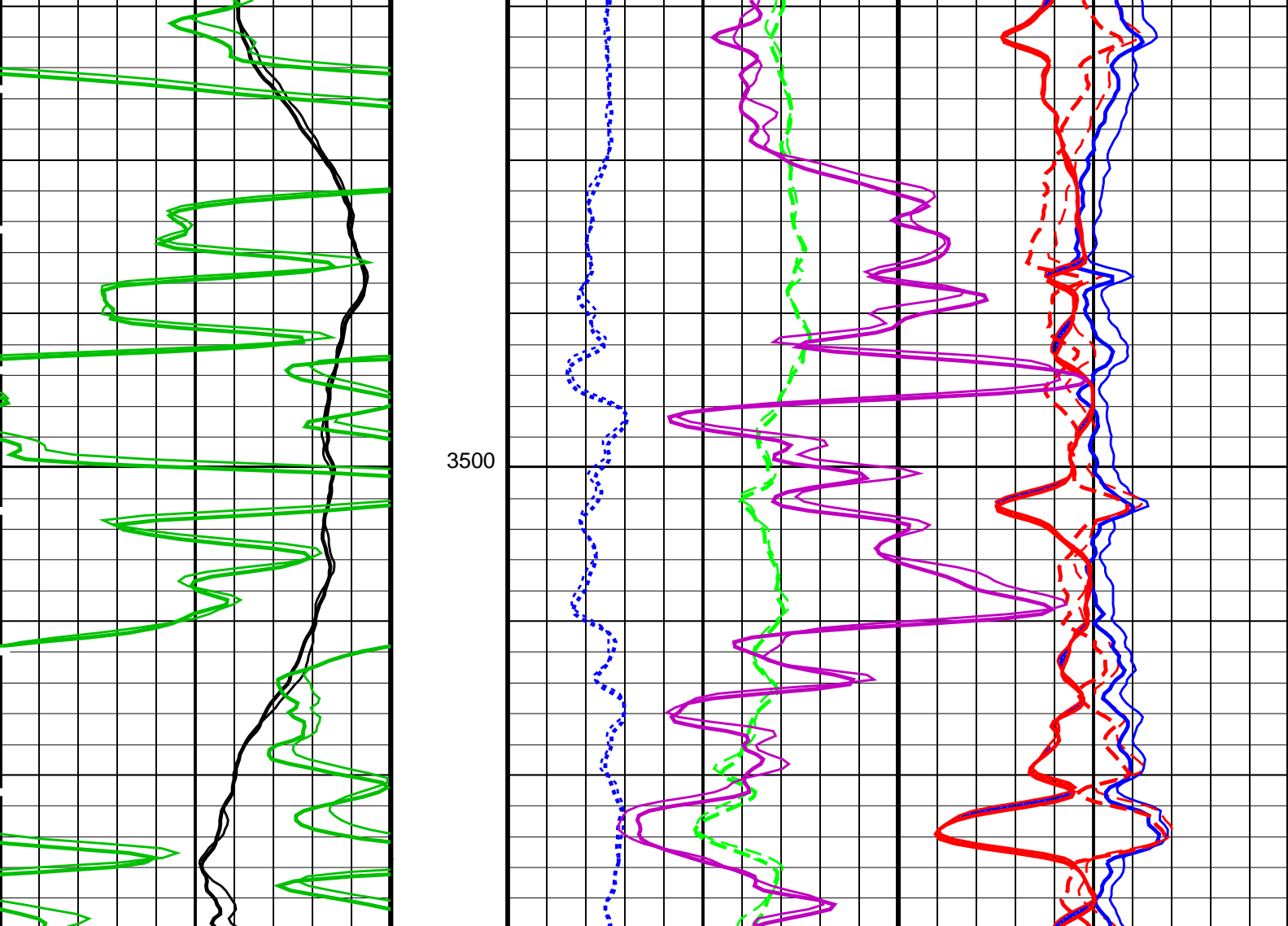
OP System Version: 13C0-300					
MCM					
RST-C	PTC-2789-NUCL	PSPT-A/B		13C0-300	

PIP SUMMARY

Time Mark Every 60 S







BSAL_REP Curve (BSAL_REP) 95 (PPK) -5	DIAG_REP Curve (BADL_DIAG_REP) 9 (---- 0)	IRAT_FIL_REP Curve (IRAT_FIL_REP) 0.75 (----) 0	RSCN_REP Curve (RSCN_RST_REP) 0 45 (----) 0
GR_REP Curve (GR_REP) 0 (GAPI) 200		SIGM_REP Curve (SIGM_REP) 60 (CU) 0	
		TPHI_REP Curve (TPHI_REP) 0.6 (V/V) 0	RSCF_REP Curve (RSCF_RST_REP) 0 45 (----) 0
		WINR_REP Curve (WINR_RST_REP) 0 (----) 0.4	

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
RGAI	Near/Far Gain Calibration Ratio	1
		CU

SMBMO	RST Sigma Mode Background Minित्रon 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	0.0 M
DORL	Depth Offset for Repeat Analysis	0.0 M
PP	Playback Processing	NORMAL

Format: RST_SIG_ANSW_REP

Vertical Scale: 1:200

Graphics File Created: 15-Jan-2006 17:12

OP System Version: 13C0-300						
MCM						
RST-C	PTC-2789-NUCL	PSPT-A/B		13C0-300		
Input DLIS Files						
RTBU	RST_PSP_011LUP	FN:14	PRODUCER	15-Jan-2006 12:44	3535.1 M	3414.7 M
CUSTOMER	RST_PSP_008PUC	FN:13	CUSTOMER	15-Jan-2006 17:02	3515.0 M	3425.3 M
Output DLIS Files						
DEFAULT	RST_PSP_011PUP	FN:18	PRODUCER	15-Jan-2006 17:12		
CUSTOMER	RST_PSP_011PUC	FN:19	CUSTOMER	15-Jan-2006 17:12		

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Correlation Pass

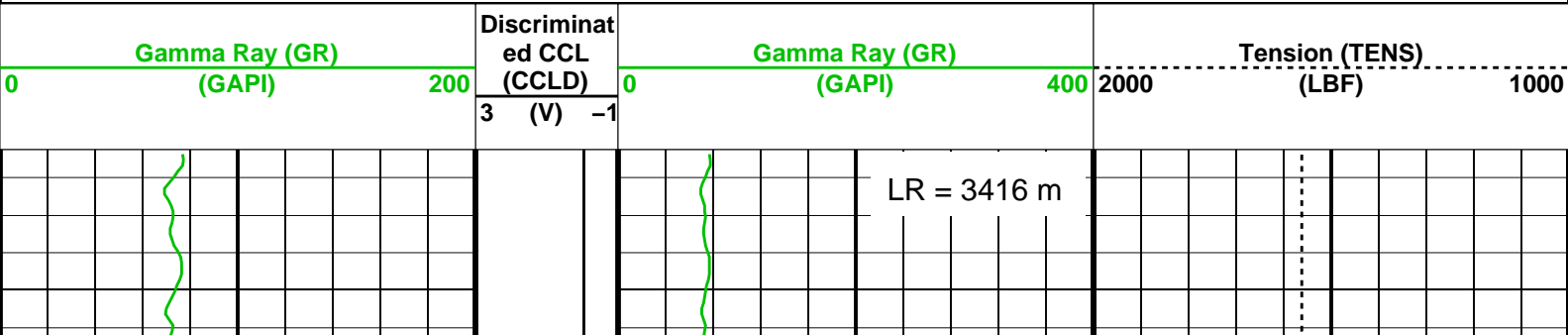
MAXIS Field Log

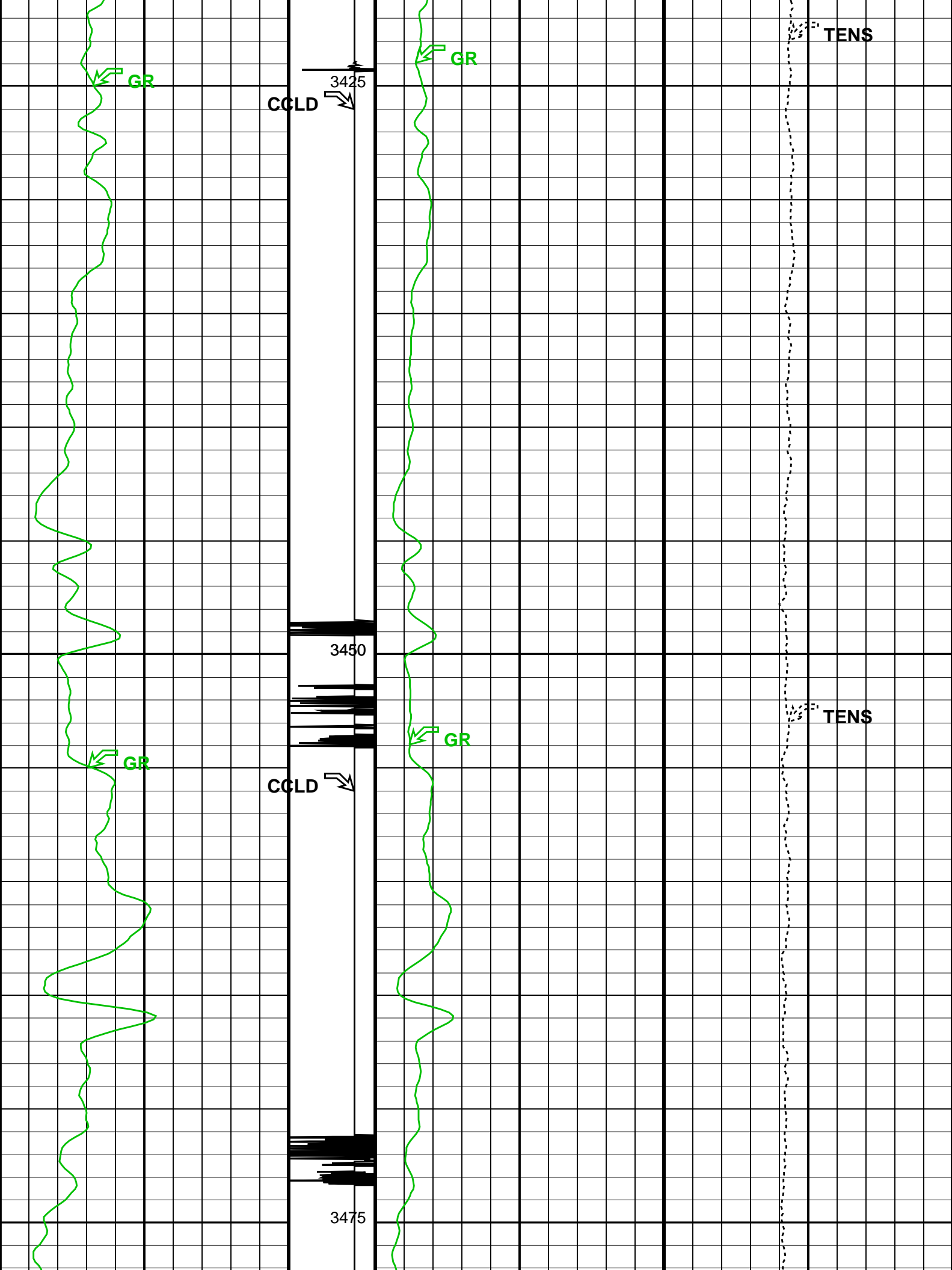
Company: ExxonMobil

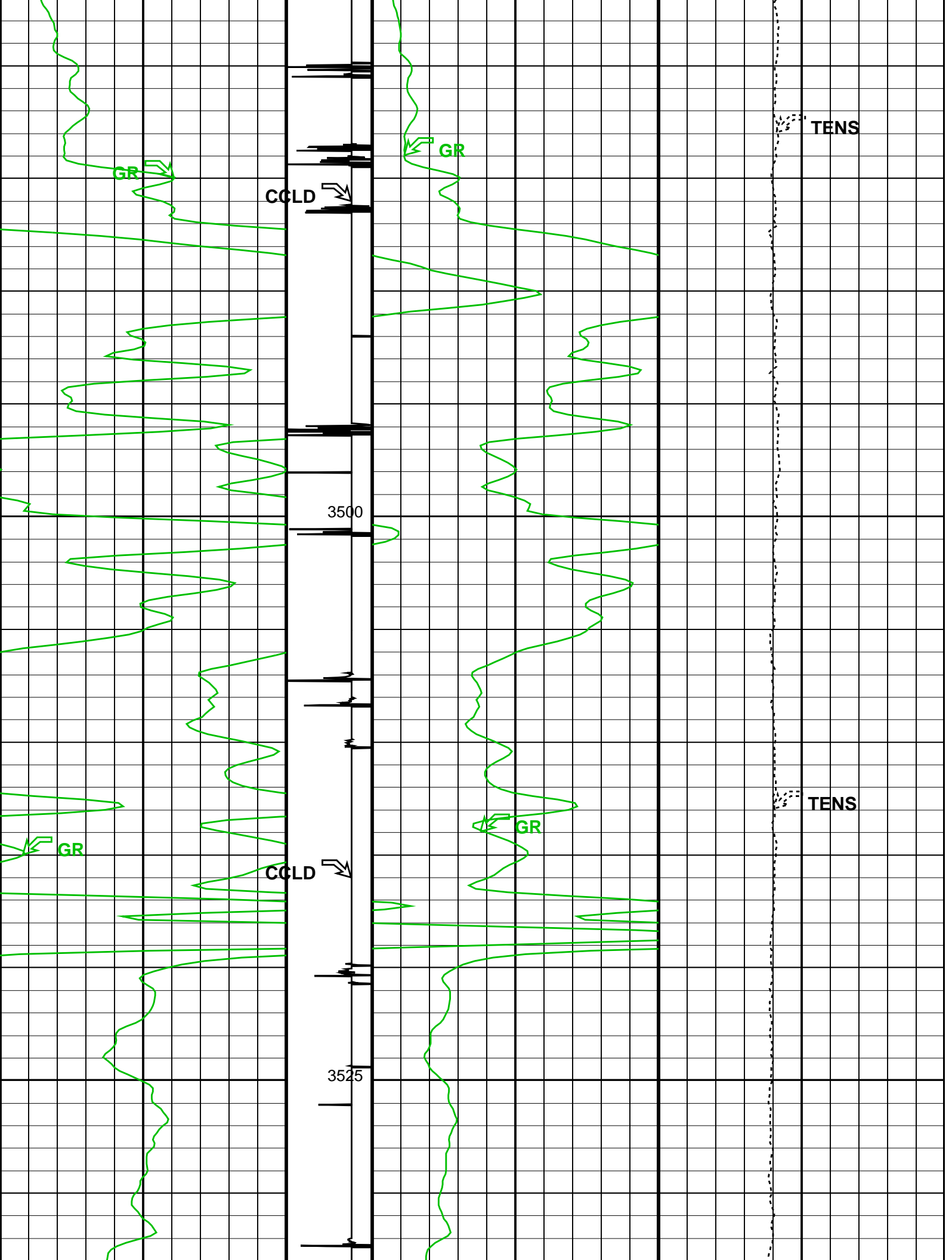
Well: Bream A27a

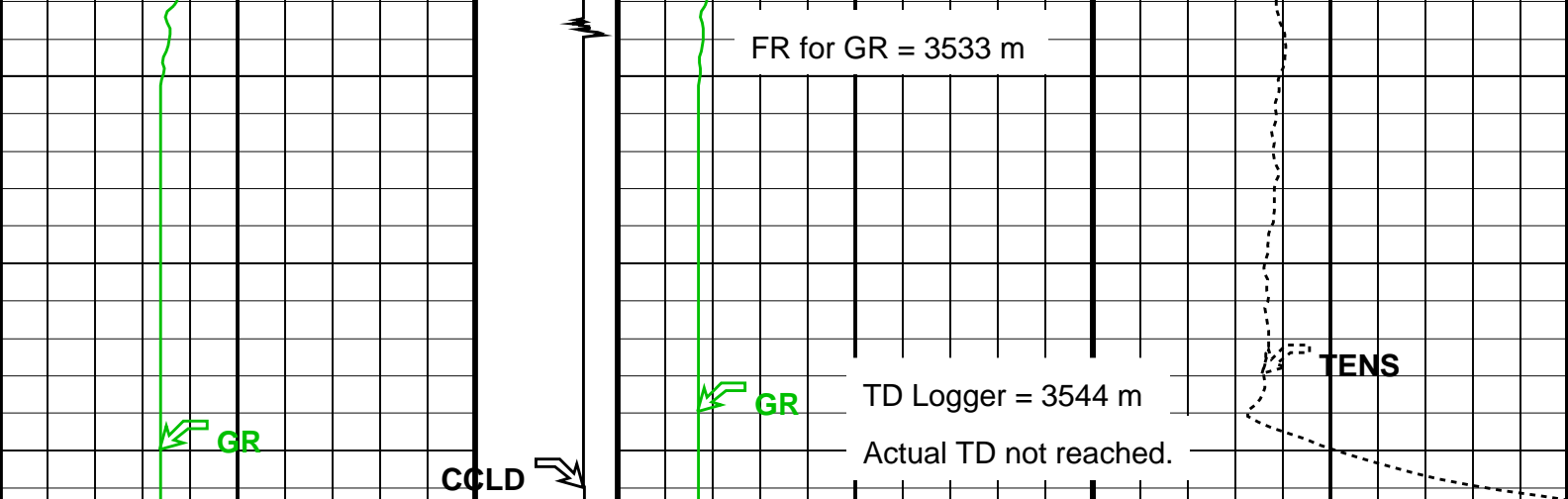
Input DLIS Files					
RTBU	RST_PSP_008LUP	FN:8	PRODUCER	15-Jan-2006 11:04	3529.9 M 3399.3 M
Output DLIS Files					
DEFAULT	RST_PSP_003PUP	FN:2	PRODUCER	15-Jan-2006 16:20	3546.3 M 3416.2 M
CUSTOMER	RST_PSP_003PUC	FN:3	CUSTOMER	15-Jan-2006 16:20	3546.3 M 3416.2 M

OP System Version: 13C0-300					
MCM					
RST-C	PTC-2789-NUCL	PSPT-A/B	13C0-300		









Gamma Ray (GR) (GAPI)	Discriminat ed CCL (CCLD)	Gamma Ray (GR) (GAPI)	Tension (TENS) (LBF)
0 200	3 (V) -1	0 400 2000	1000

Parameters

DLIS Name	Description	Value
DO	System and Miscellaneous	
PP	Depth Offset for Playback Playback Processing	16.5 M NORMAL

Format: CORRELATION Vertical Scale: 1:200 Graphics File Created: 15-Jan-2006 16:20

OP System Version: 13C0-300

MCM

RST-C	PTC-2789-NUCL	PSPT-A/B	13C0-300
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Input DLIS Files

RTBU	RST_PSP_008LUP	FN:8	PRODUCER	15-Jan-2006 11:04	3529.9 M	3399.3 M
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Output DLIS Files

DEFAULT	RST_PSP_003PUP	FN:2	PRODUCER	15-Jan-2006 16:20
CUSTOMER	RST_PSP_003PUC	FN:3	CUSTOMER	15-Jan-2006 16:20

Company: **ExxonMobil**

Schlumberger

Well: **Bream A27a**

Field: **BREAM**

Rig: **ISDL 453**

Country: **Australia**

Sigma and IC Modes
Reservoir Saturation Log
D:200