

Company: **BILL BARRETT CORPORATION**

Well: **BRYNILDSON 24A-20-692**

Field: **MAMM CREEK**

County: **GARFIELD** State: **COLORADO**

CEMENT BOND LOG
CBL / VDL
GAMMA RAY / CCL

County: **GARFIELD**
Field: **MAMM CREEK**
Location: **SHL: 824' FSL & 420' FWL**
Well: **BRYNILDSON 24A-20-692**
Company: **BILL BARRETT CORPORATON**

	LOCATION			
	SHL: 824' FSL & 420' FWL	Elev.: K.B. 5743.00 ft		
	BHL: 200' FSL & 1977' FWL	G.L. 5726.00 ft D.F. 5742.00 ft		
	Permanent Datum: _____ Log Measured From: <u>KELLY BUSHING</u> Drilling Measured From: <u>KELLY BUSHING</u>	Elev.: <u>5726.00 ft</u>	17.00 ft above Perm. Datum	
Logging Date	API Serial No. 05-045-171 47	Section 20	Township 6S	Range 92W
Run Number	30-Mar-2009			
Depth Driller	2			
Schlumberger Depth	7636 ft			
Bottom Log Interval	7541 ft			
Top Log Interval	7525 ft			
Casing Fluid Type	4600 ft			
Salinity	WATER			
Density	8.36 lbm/gal			
Fluid Level	22 ft			
BIT/CASING/TUBING STRING				
Bit Size	7.875 in			
From	17 ft			
To	7636 ft			
Casing/Tubing Size	4.500 in			
Weight	11.6 lbm/ft			
Grade	N-80			
From	17 ft			
To	7636 ft			
Maximum Recorded Temperatures	21.1 degF			
Logger On Bottom	30-Mar-2009 14:00			
Unit Number	411 GRAND JUNCTION, CO			
Recorded By	IAN FLOYD			
Witnessed By	UNATTENDED			

PVT DATA					Run 1	Run 2	Run
Oil Density							
Water Salinity							
Gas Gravity							
Bo							
Bw							
1/Bg							
Bubble Point Pressure							
Bubble Point Temperature							
Solution GOR							
Maximum Deviation							
CEMENTING DATA							
Primary/Squeeze				Primary			
Casing String No							
Lead 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	Location						
Recorded By							
Witnessed By							

DEPTH SUMMARY LISTING

Date Created: 30-MAR-2009 14:40:40

Depth System Equipment

Depth Measuring Device		Tension Device		Logging Cable	
Type:	IDW-B	Type:	CMTD-C	Type:	1-25P
Serial Number:	3775	Serial Number:	5032	Serial Number:	411
Calibration Date:	8-JAN-2009	Calibration Date:	28-FEB-2009	Length:	13200 FT
Calibrator Serial Number:	33	Calibrator Serial Number:	1159	Conveyance Method: Wireline Rig Type: LAND	
Calibration Cable Type:	1-25P	Number of Calibration Points:	8		
Wheel Correction 1:	-5	Calibration RMS:	8		
Wheel Correction 2:	-3	Calibration Peak Error:	15		

Depth Control Parameters

Log Sequence: Subsequent Trip To the Well

Reference Log Name: COMPENSATED PHOTO DENSITY

Reference Log Run Number: RUN 1

Reference Log Date: 21-FEB-2009

Subsequent Trip Down Log Correction: 0.00 FT

Depth Control Remarks

1. SCHLUMBERGER DEPTH CONTROL POLICY DATED FEB 2008 FOLLOWED
2. IDW USED AS PRIMARY DEPTH CONTROL, Z-CHART USED AS SECONDARY DEPTH CONTROL.
3. CMTD CALIBRATION: RMS = 8, PEAK ERROR = 15
- 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 SERVICE1

OS1: NONE

OS2:

OS3:

OS4:

OS5:

OTHER SERVICE2

OS1:

OS2:

OS3:

OS4:

OS5:

REMARKS: RUN NUMBER 1

THIS LOG CORRELATED TO COMPENSATED PHOTO DENSITY

RAN ON 21-FEB-09 BY WEATHERFORD.

REMARKS: RUN NUMBER 2

TOOL STRING RAN AS PER TOOL SKETCH.

TOOL RAN AT 3600 FT/HR.





EXPECTED TT = 251 uS.

EXPECTED FPA = 81 mV.

CYCLE SKIPPING DUE TO GOOD BOND.	
TD FOUND AT 7541 FT.	
TEMP @ TD = 211 DEGF.	
PRESSURE @ TD = 3070 PSI.	
SHORT JOINTS FOUND AT: 5560 - 5580 FT & 7235 - 7264 FT.	
THANK YOU FOR CHOOSING SCHLUMBERGER	
(970) 683-4000	

RUN 1			RUN 2		
SERVICE ORDER #:			SERVICE ORDER #:		
PROGRAM VERSION:			PROGRAM VERSION:		
FLUID LEVEL:			FLUID LEVEL:		
LOGGED INTERVAL	START	STOP	LOGGED INTERVAL	START	STOP

EQUIPMENT DESCRIPTION					
RUN 1			RUN 2		

SURFACE EQUIPMENT			
WITM-A 61017 PSC_16MHZ 1862			
DOWNHOLE EQUIPMENT			
MH-22 MH-22 411			37.8
AH-38	Detail MT TelStatus CTEM		36.2
PSPT-A/B		— 35.9	35.9
PSC-A 1959			
PSPT-A 1959			
PSTC			
PBMS-A			
10k Sapphire Mano			
RTD Thermometer	GR	— 32.2	
GR			
CCL			
PBMS			
	Well Temp Manometer	29.2	
		29.0	
	CCL	28.4	
	PBMS PSTC	27.7	
SCMT-CB			27.7
SCMC-CA 8172			
SECH-CA 8172			
CMIR-AG 8275			
SCMS-CB 8275			
SCMX-CA 8275			
			
			
	DT	— 18.6	
	CBL5 DTSC	— 17.1	
	CBL3	— 16.1	
	MAP	— 15.6	
	AUX	— 14.6	

AH-JB
AH-JB 411

7.7

HV
Tension SCMT 0.0
TOOL ZERO

MAXIMUM STRING DIAMETER 3.38 IN
MEASUREMENTS RELATIVE TO TOOL ZERO
ALL LENGTHS IN FEET

Schlumberger

MAIN PASS 0 PSI

MAXIS Field Log

Company: BILL BARRETT CORPORATION

Well: BRYNILDSON 24A-20-692

Output DLIS Files

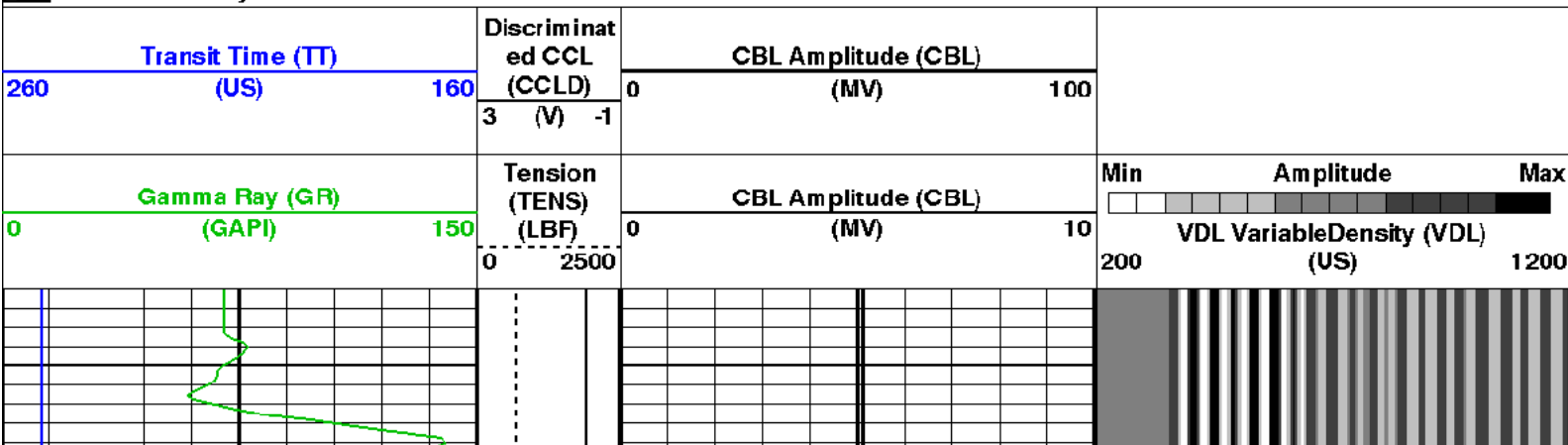
DEFAULT SCMT_PSP_030LUP FN:29 PRODUCER 30-Mar-2009 14:33

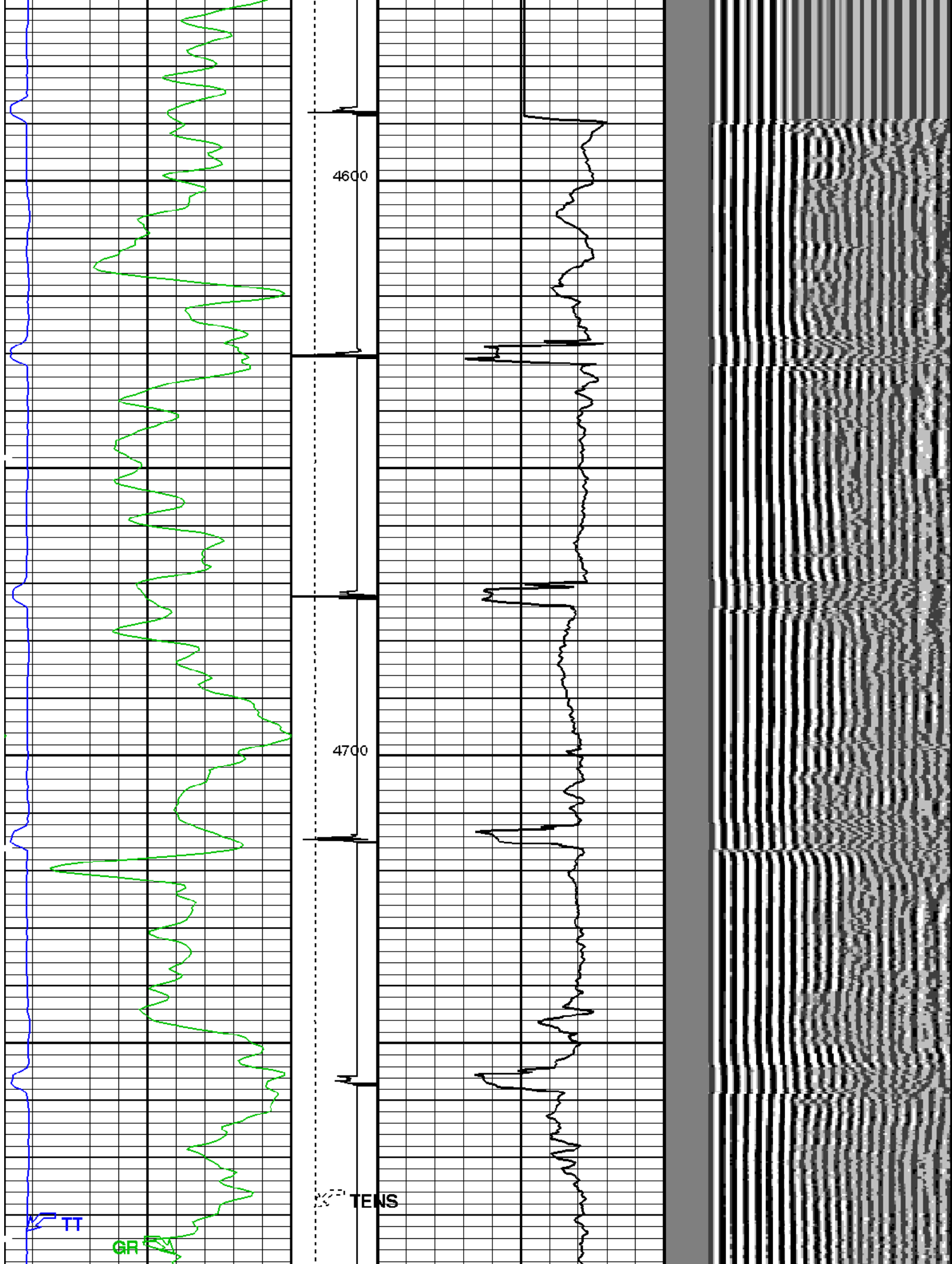
OP System Version: 17C0-154

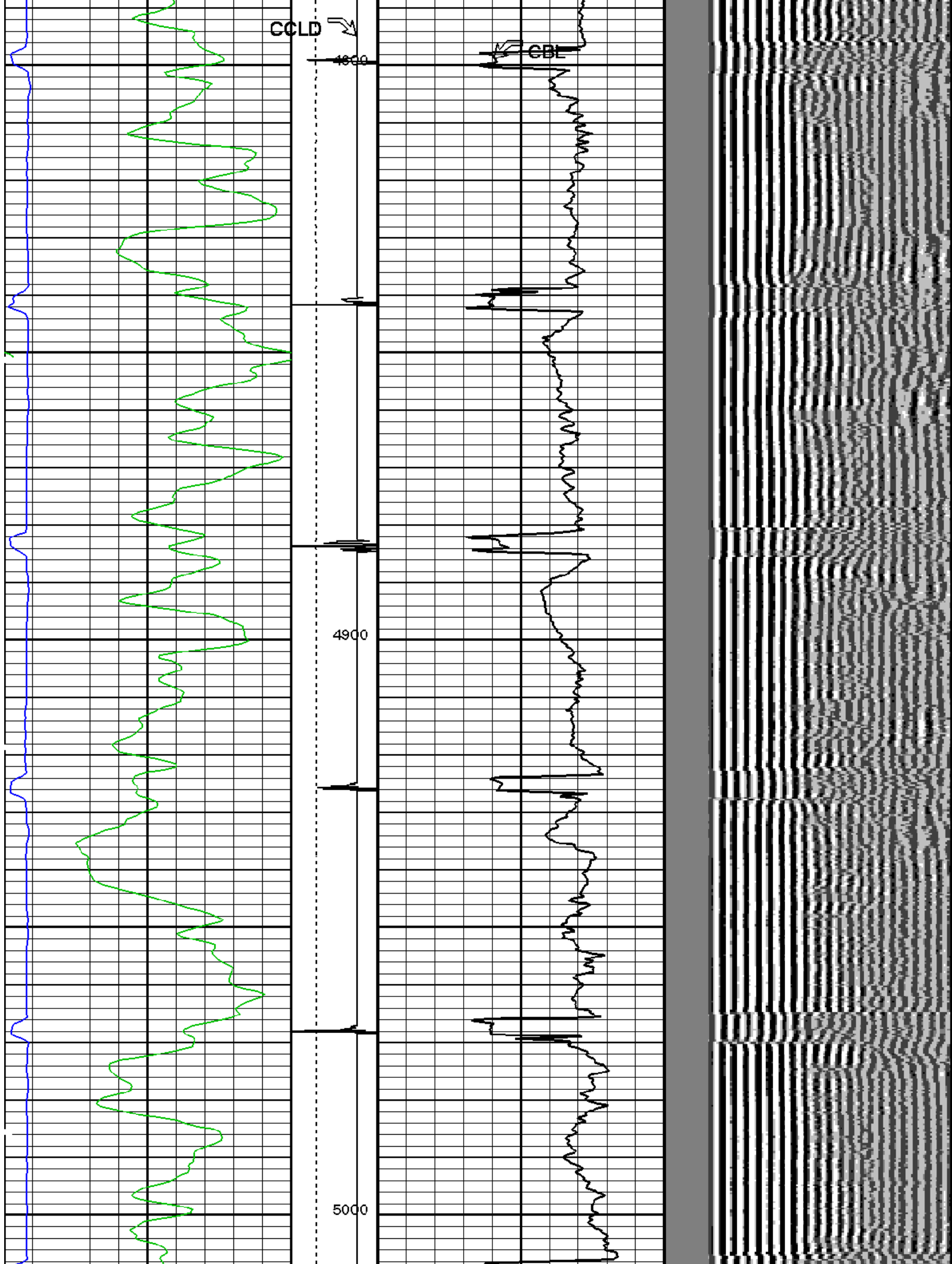
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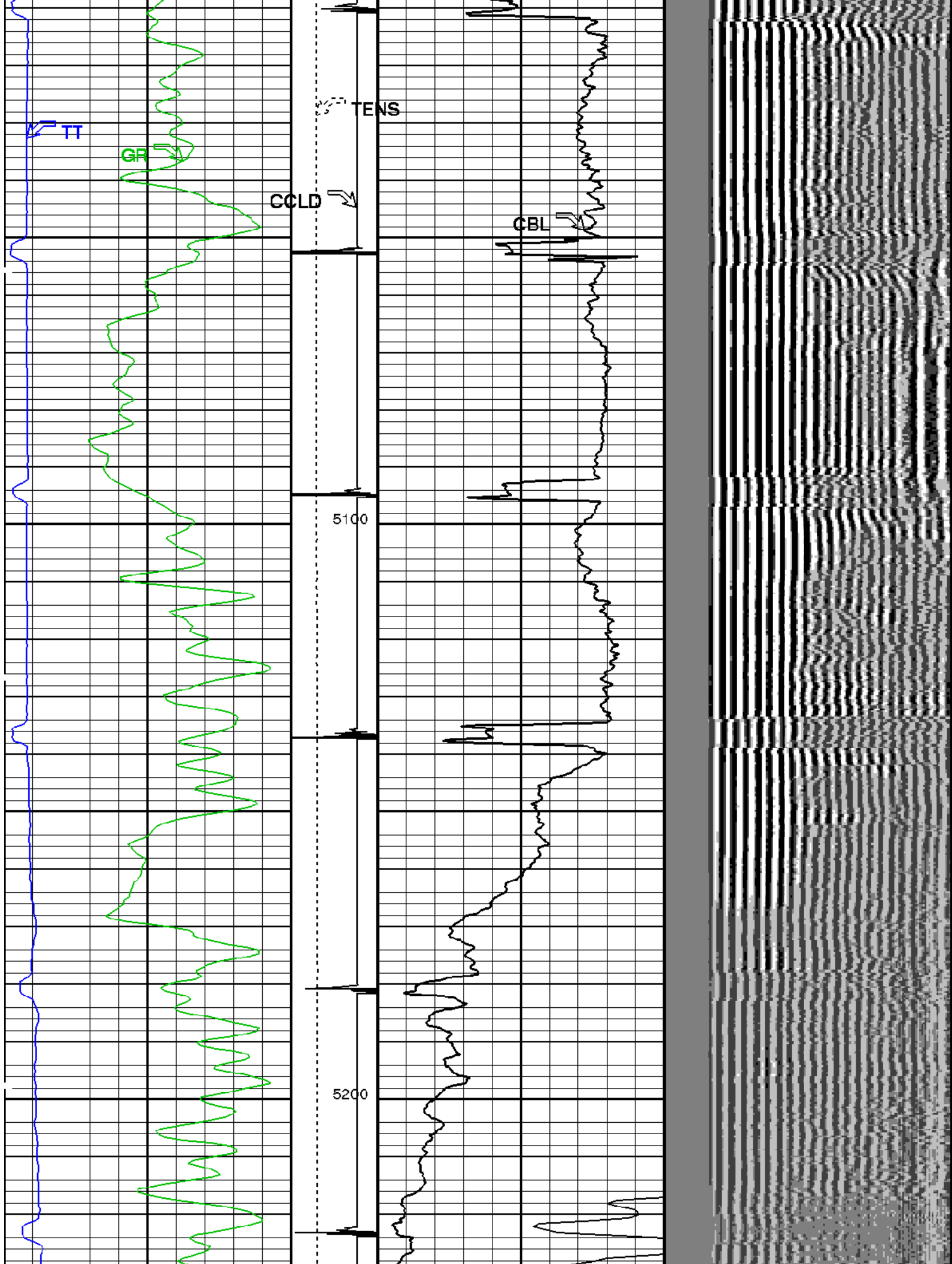
PIP SUMMARY

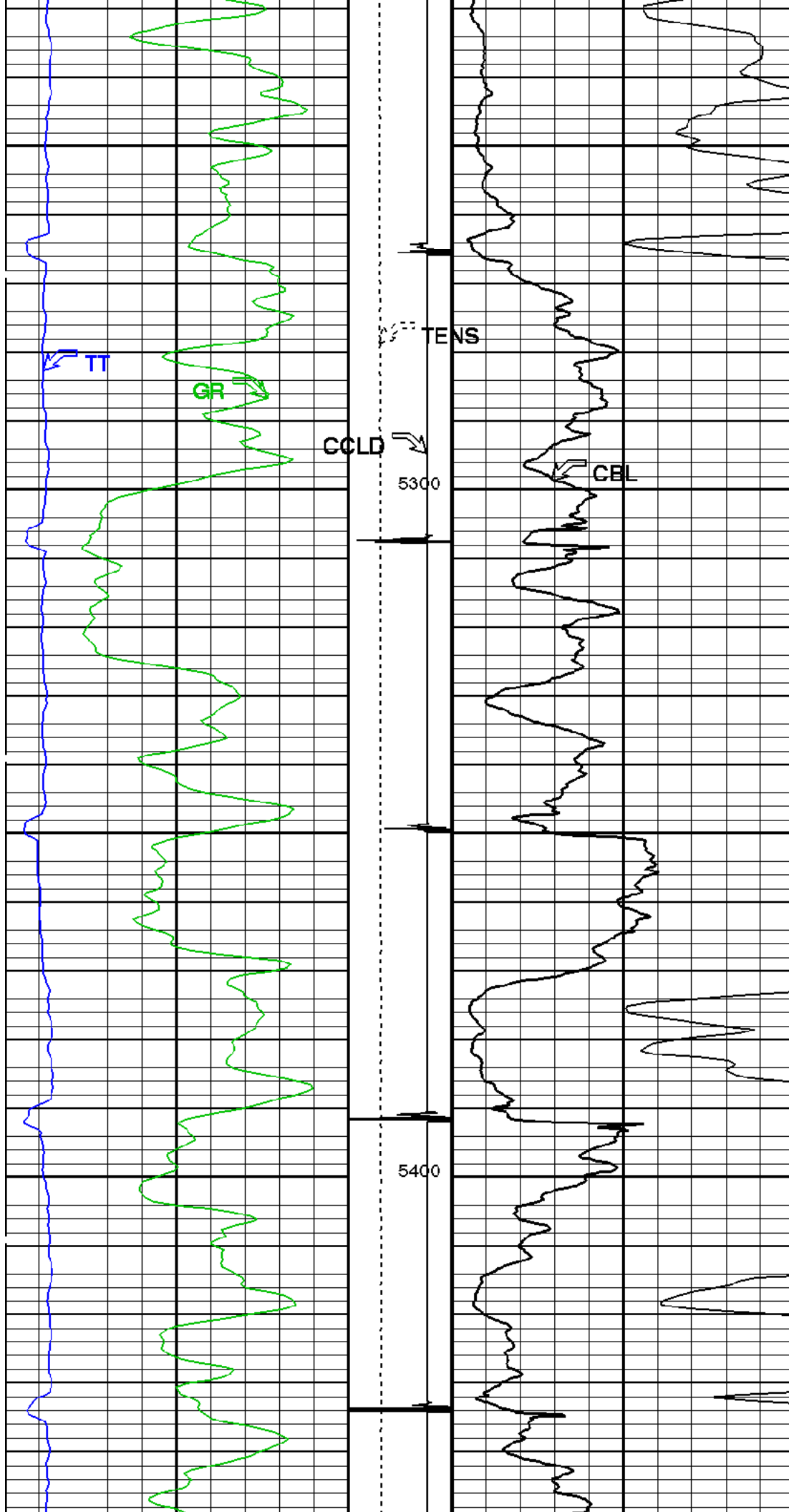
 Time Mark Every 60 S

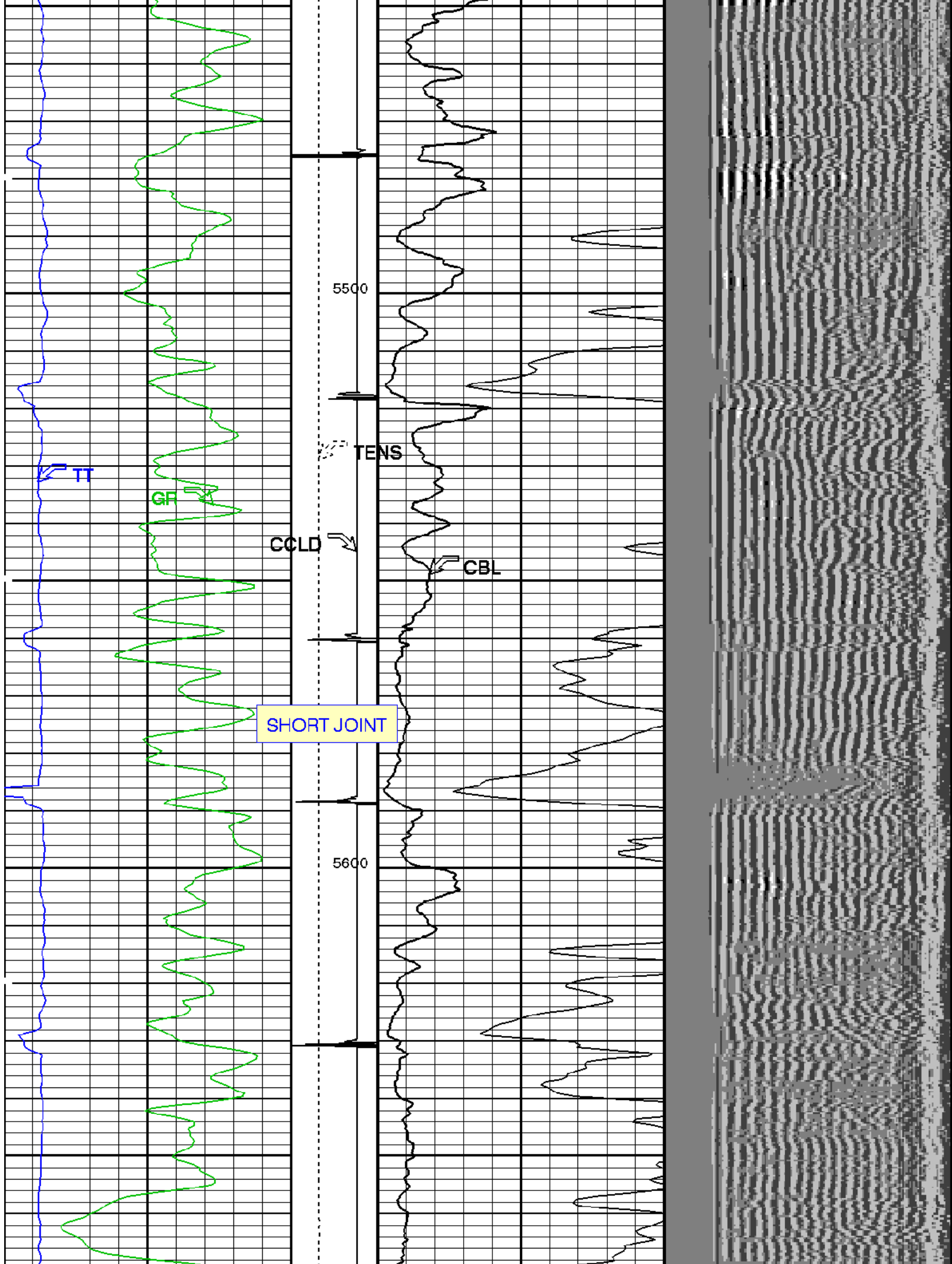


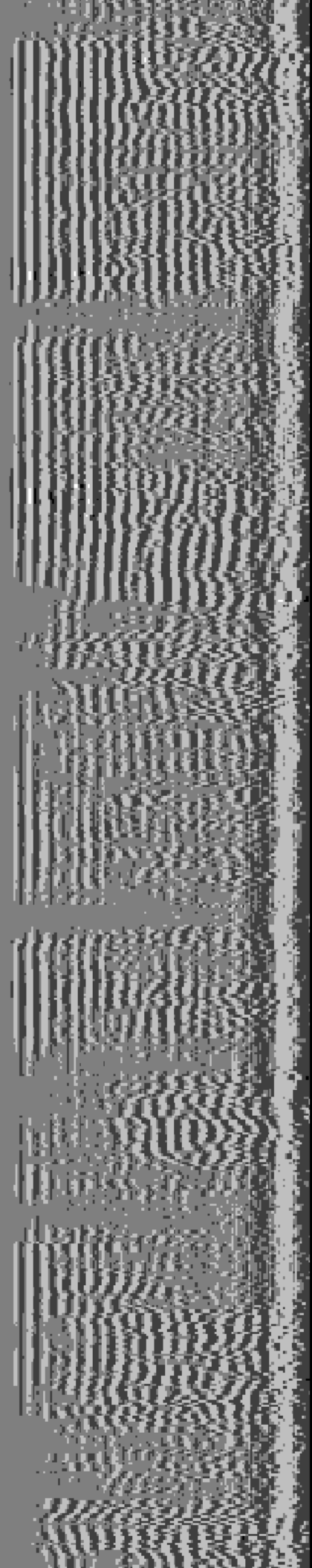
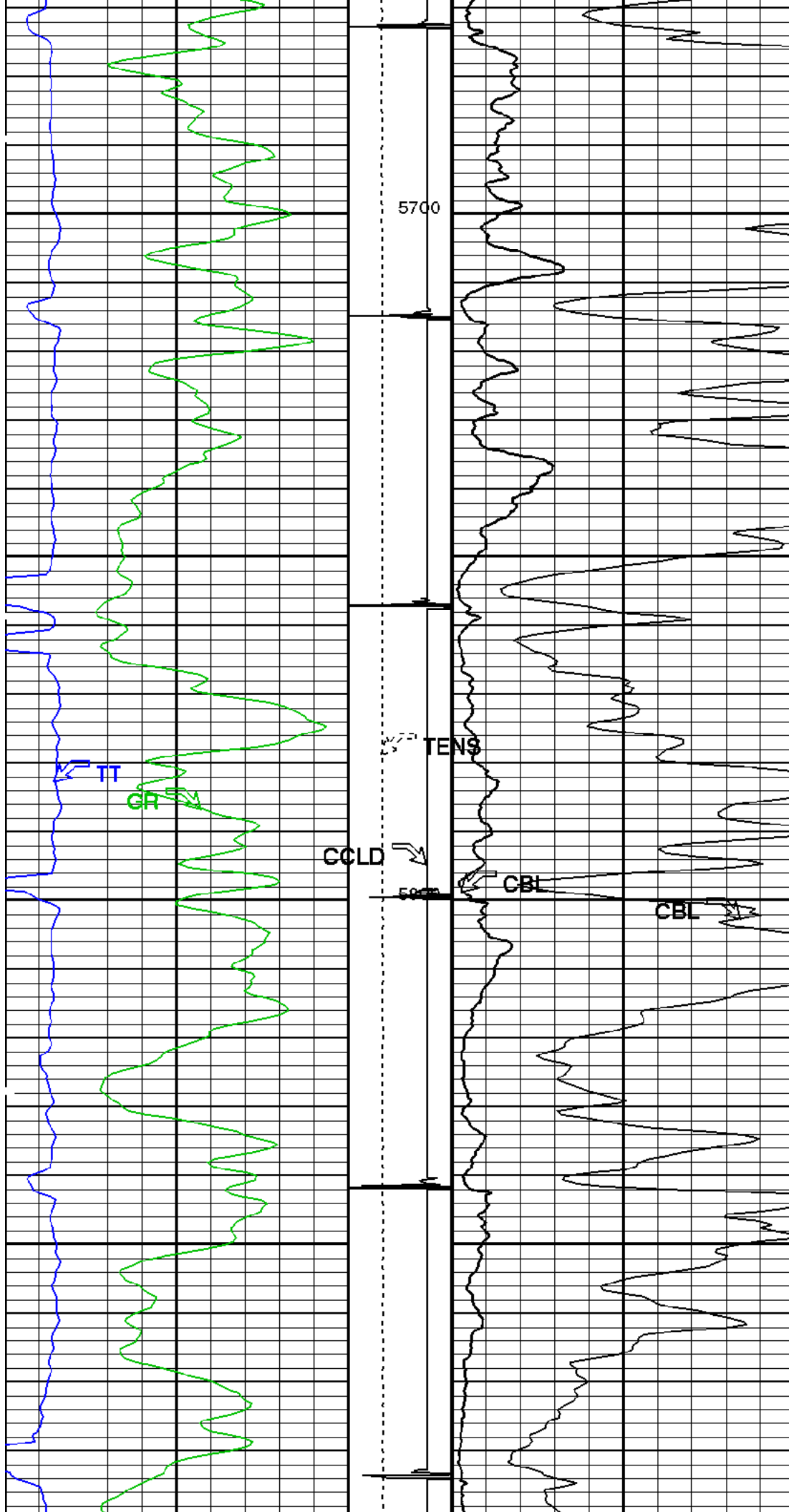


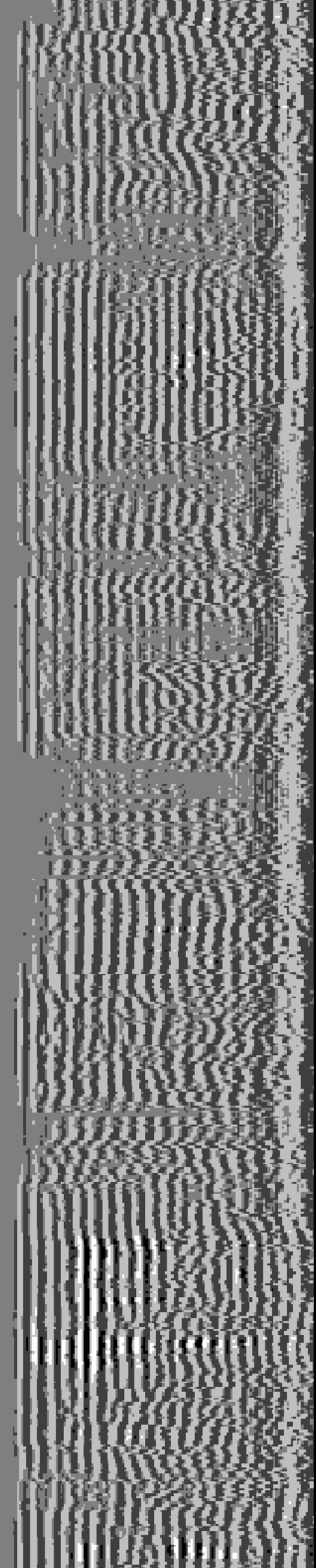
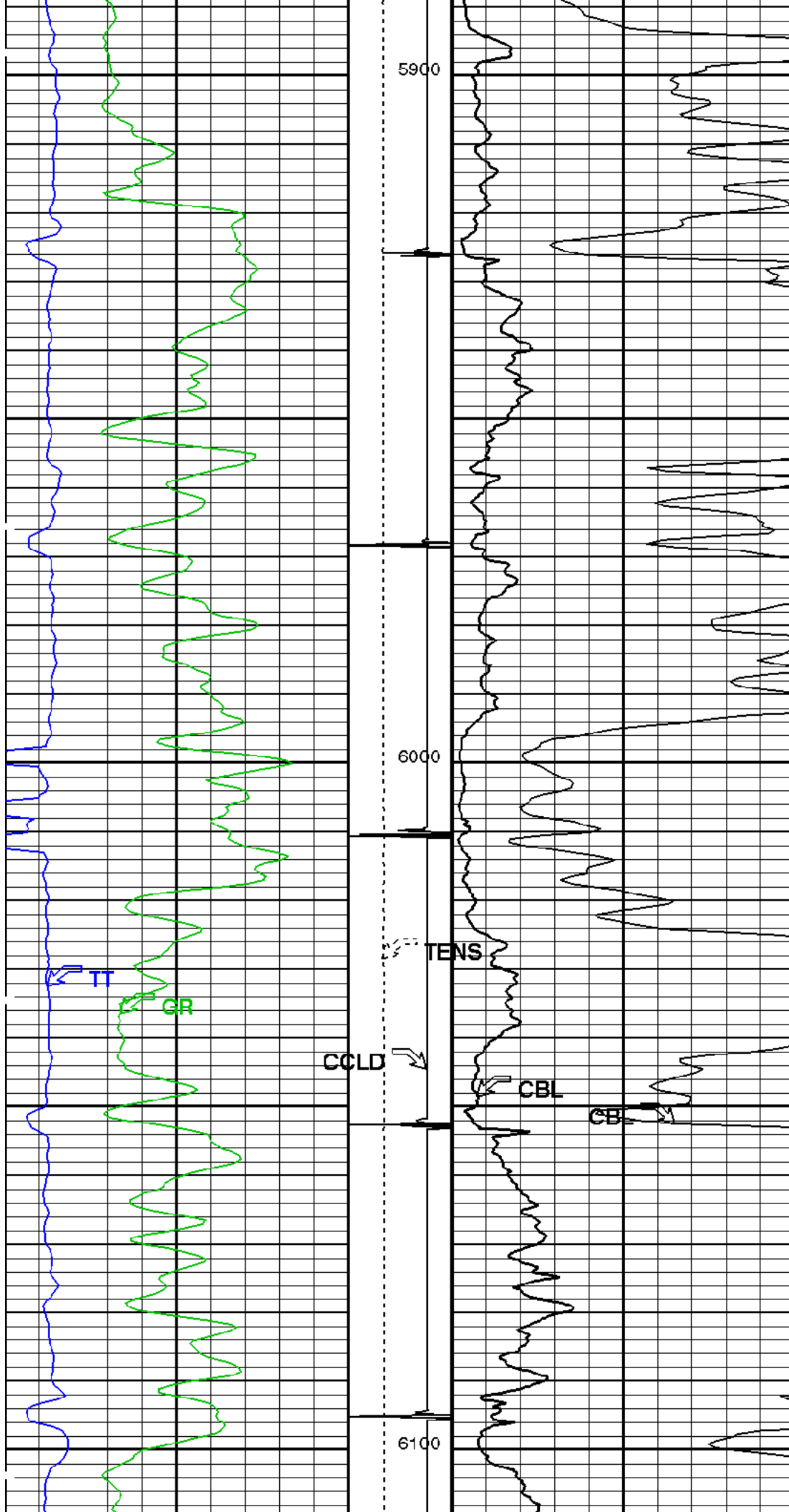


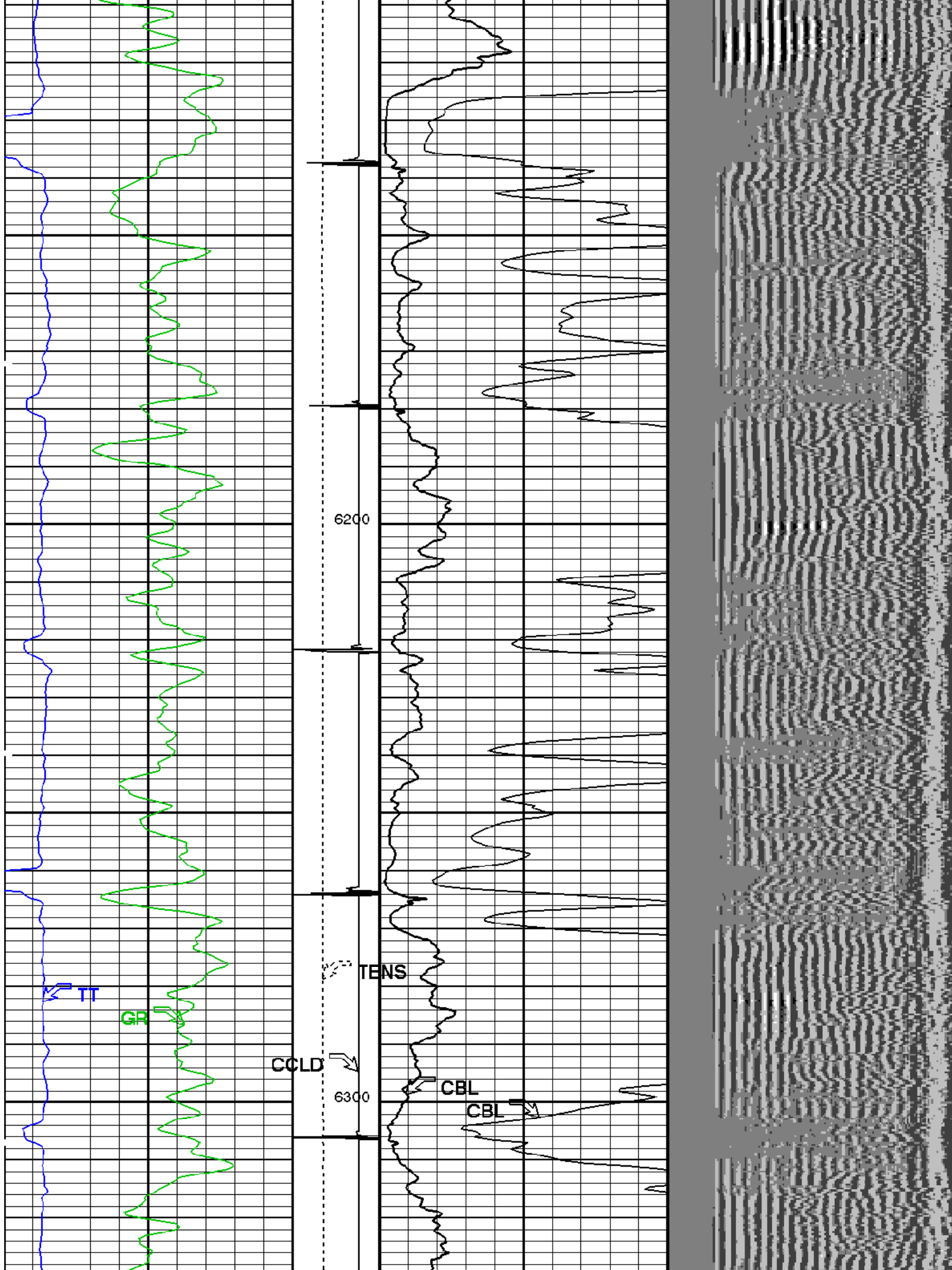


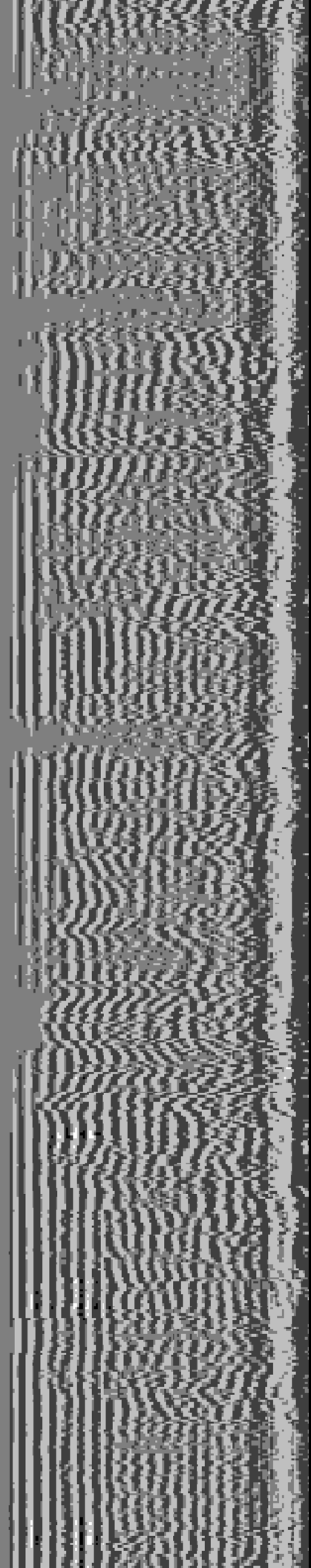
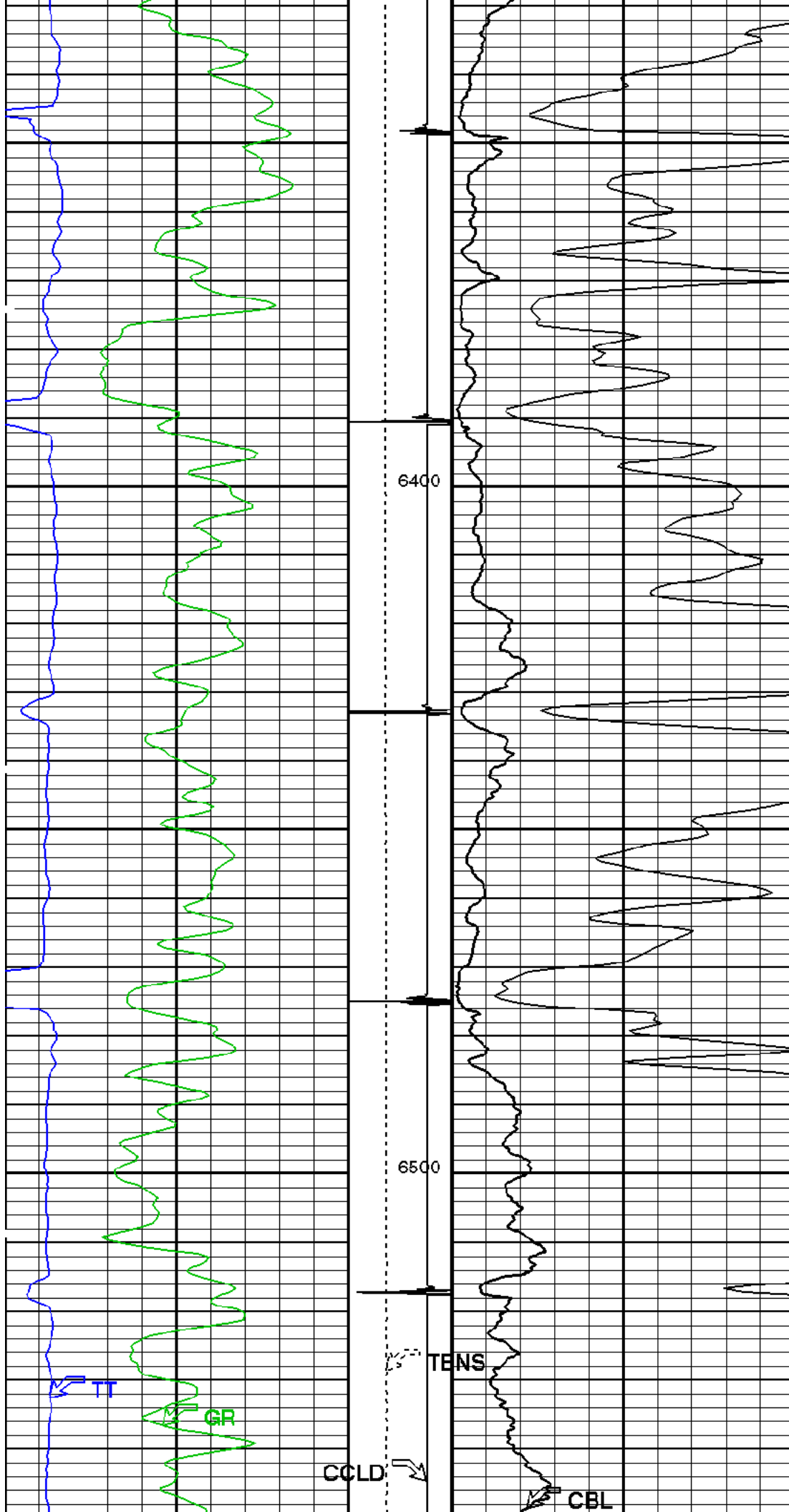


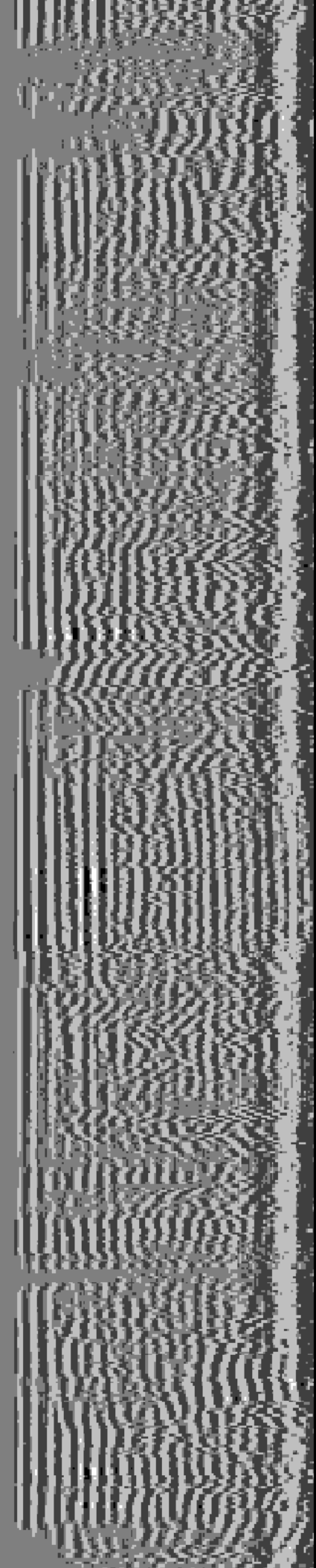
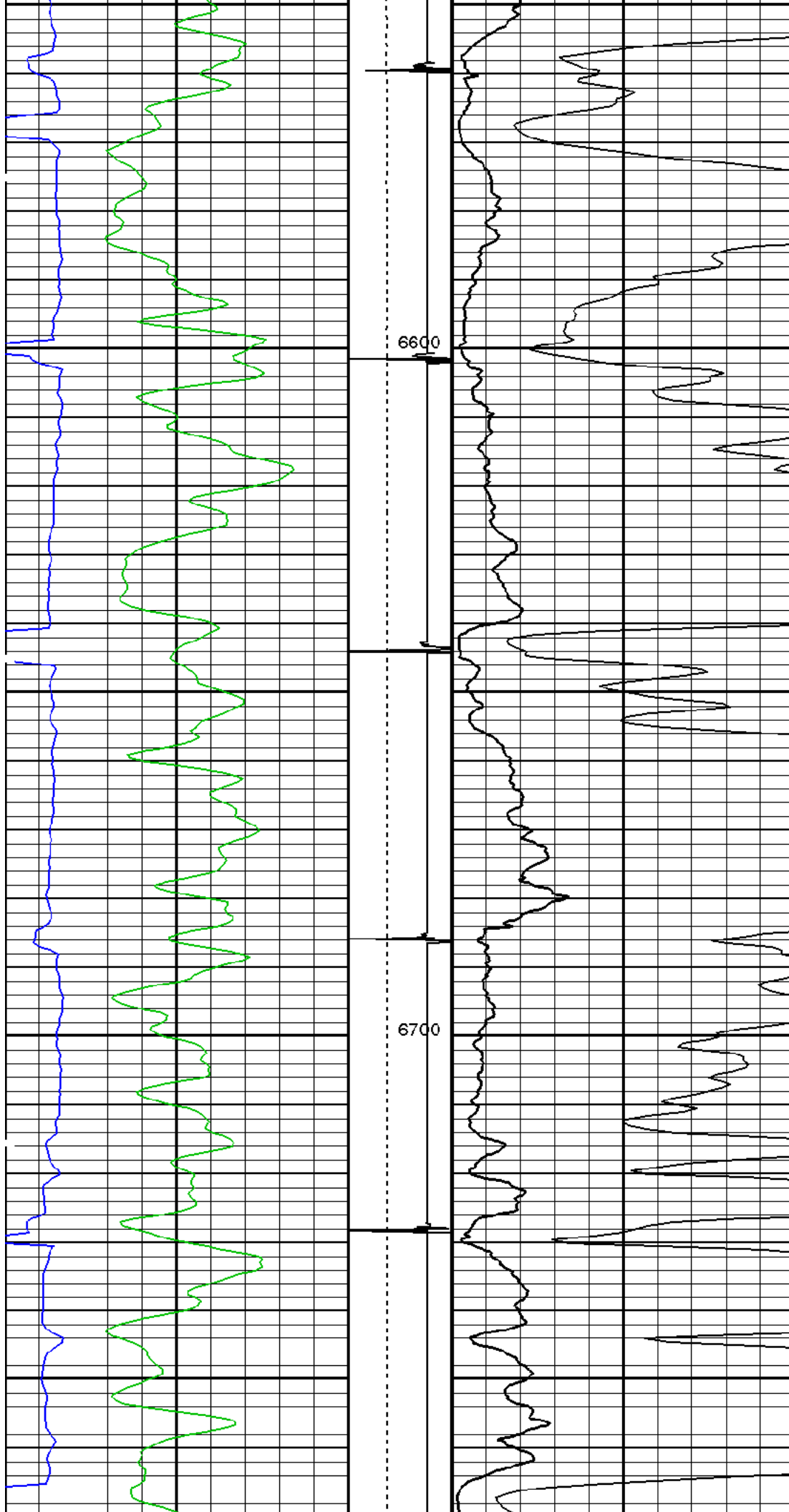


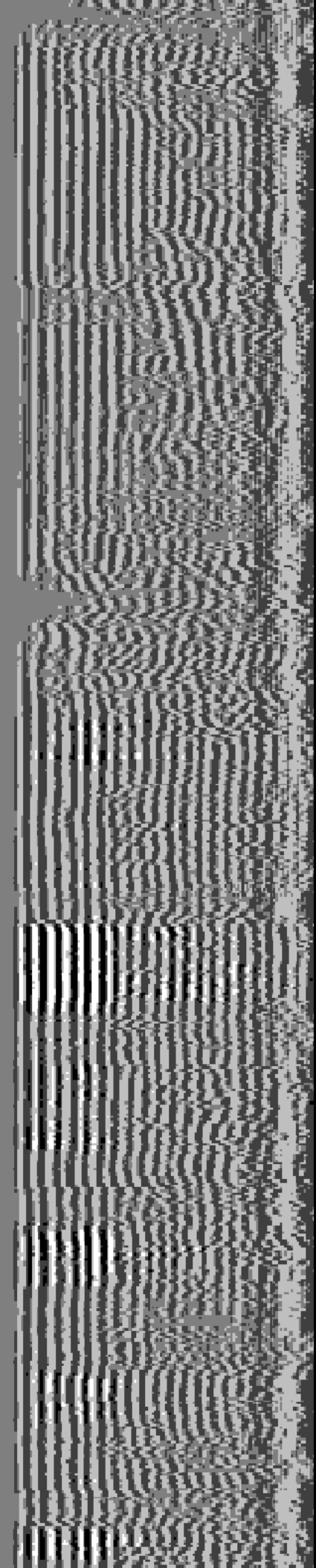
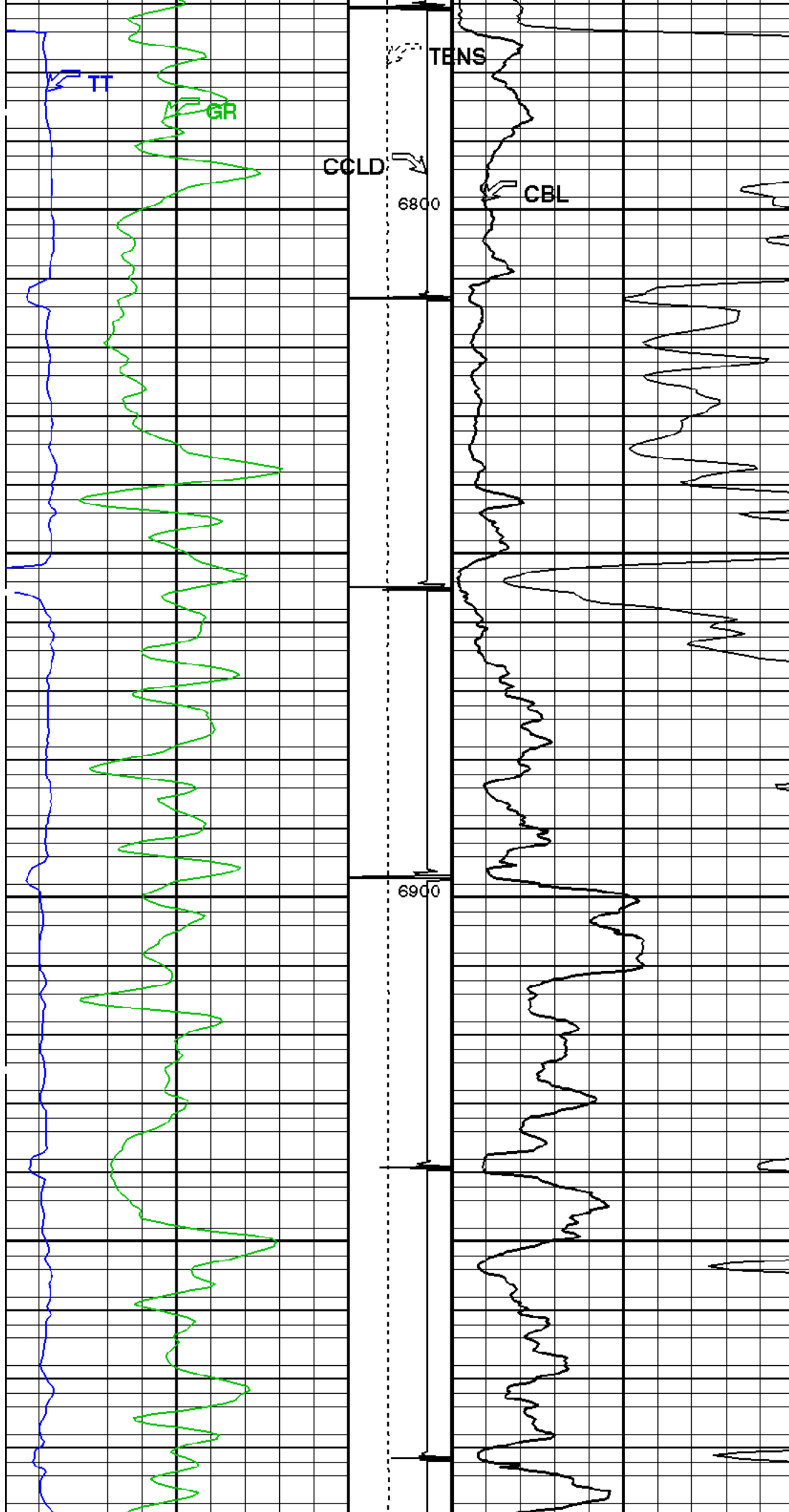


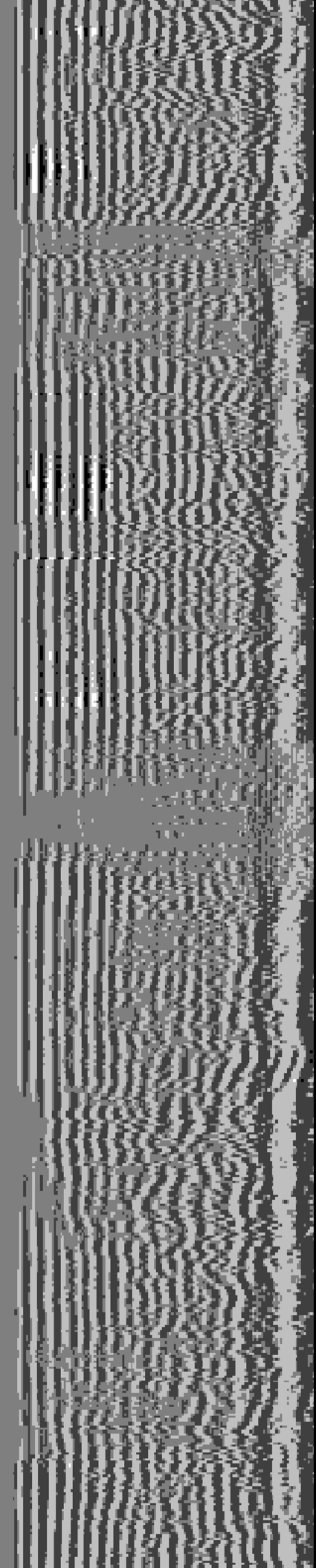
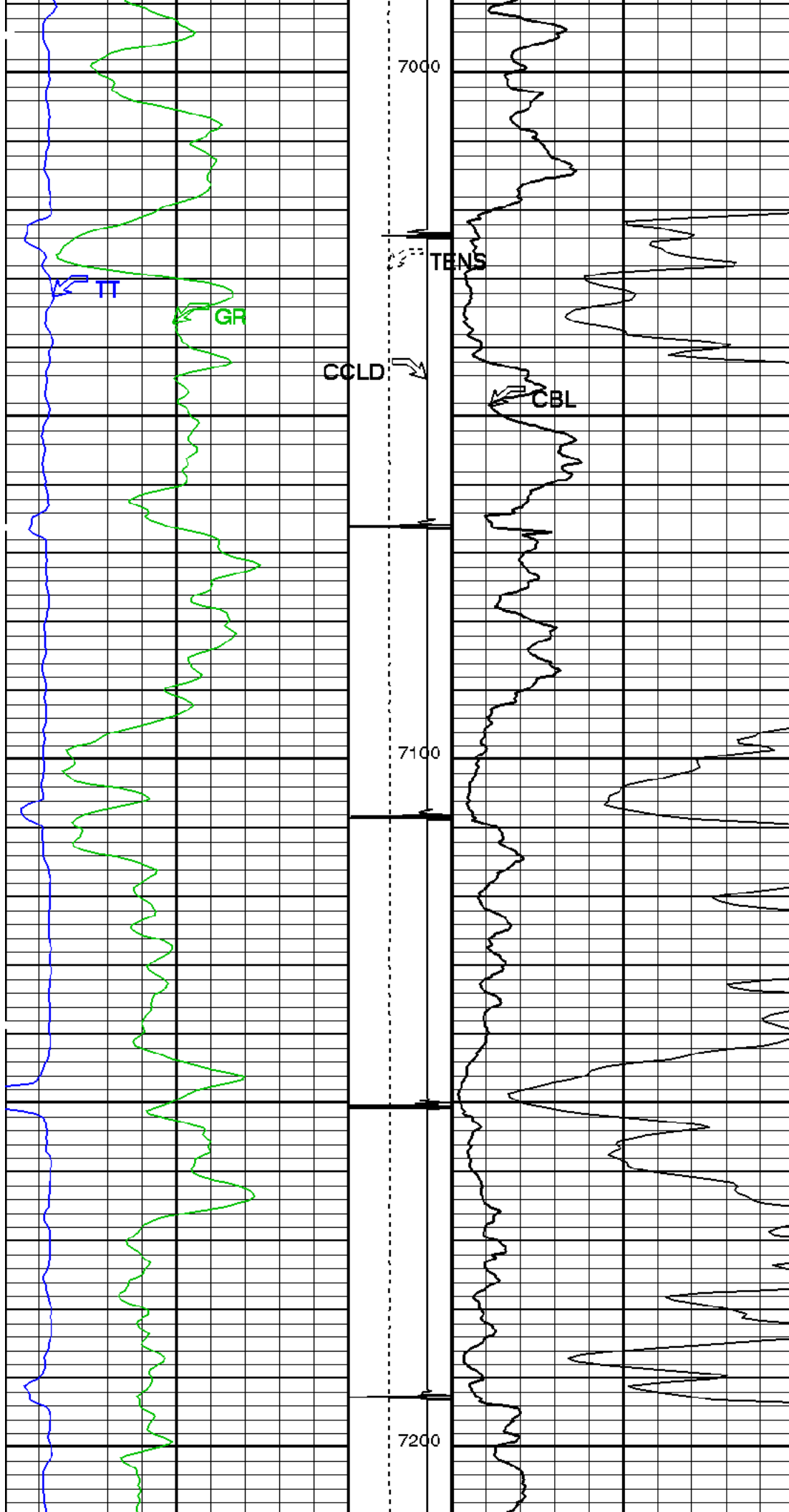












SHORT JOINT

TENS

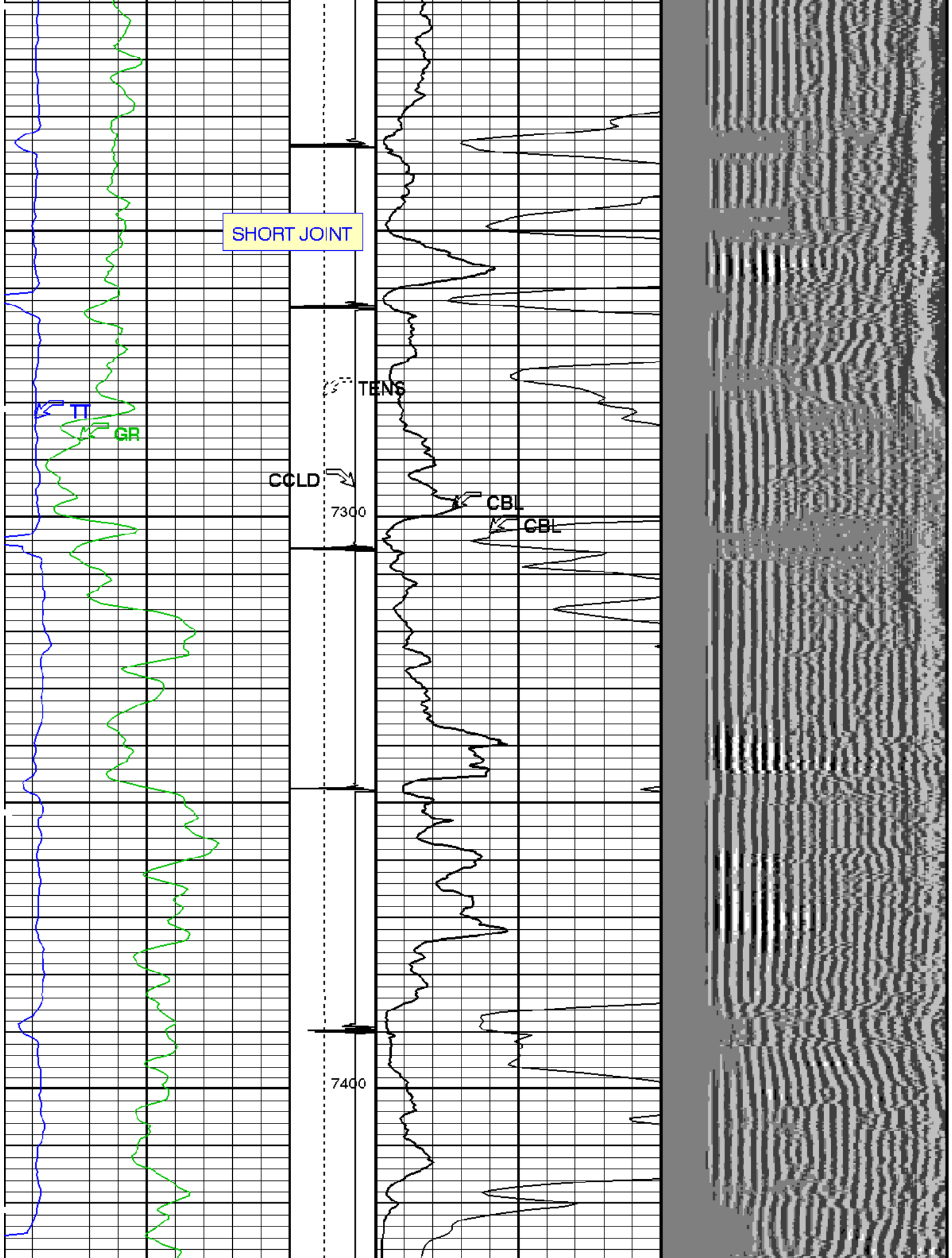
CCLD

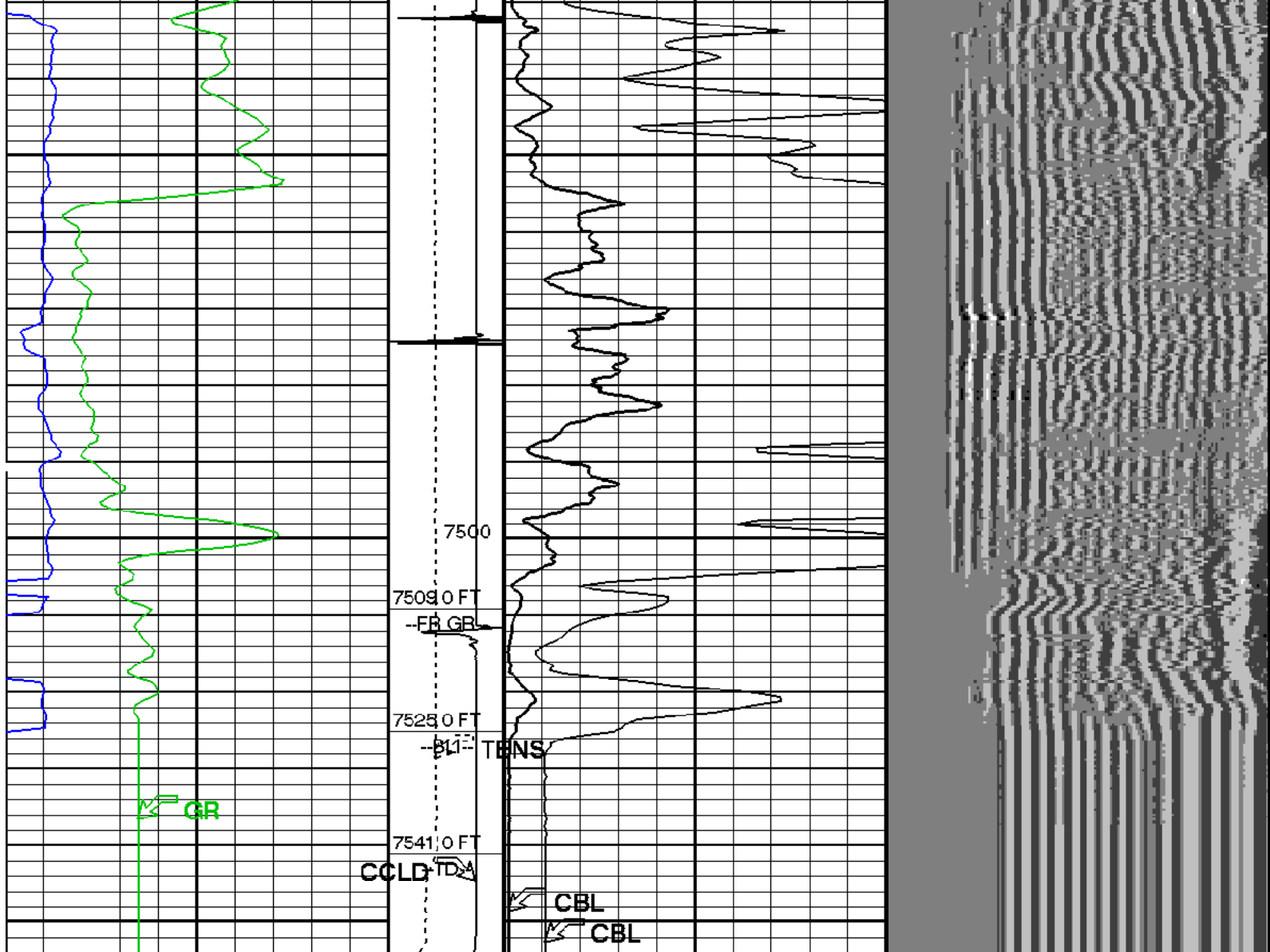
7300

CBL

CBL

7400





Gamma Ray (GR) (GAPI)		Tension (TENS) (LBF)	CBL Amplitude (CBL) (MV)	Min 200	Amplitude Max	Max 1200
0	150	0 2500	0 10	VDL VariableDensity (VDL) (US)		
Transit Time (TT) (US)		Discriminat ed CCL (CCLD) (V)	CBL Amplitude (CBL) (MV)			
260	160	3 -1	0 100			

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
SCMT-CB: Slim Cement Mapping Tool, 1-11/16 OD			
BILI	Bond Index Level for Zone Isolation	0.8	
BISS	Bond Index Source Selection for BIQL	BI	
CB3D	SCMT CBL 3 ft Peak Detection Mode	PEAK	
CB3G	SCMT CBL 3 ft Peak Detection T0_Delay and Noise Gate	232	US
CB3T	SCMT CBL 3 ft Fixed Threshold Level	20	MV
CB5D	SCMT CBL 5 ft Peak Detection Mode	PEAK	
CB5G	SCMT CBL 5 ft Peak Detection T0_Delay and Noise Gate	355	US
CB5T	SCMT CBL 5 ft Fixed Threshold Level	20	MV
CBLG	CBL Gate Width	40	US
CBRA	CBL LQC Reference Amplitude in Free Pipe	80	MV
CMCF	CBL Cement Type Compensation Factor	1	
CMTc	SCMT Slow Channel Multiplexer Mode	SCAN	
CMTM	SCMT Operating Mode	LOG	
CMTP	SCMT Tool position on CAN	3	
CSCS	SCMT Slow Channel Index	VCC	
CTHI	Casing Thickness	0.255617	IN

DTF	Delta-T Fluid	204.5	US/F
FATT	Acoustic Attenuation due to Fluid	0	DB/F
FCF	CBL Fluid Compensation Factor	1	
GOBO	Good Bond	1.53811	MV
MAPD	SCMT MAP Peak Detection Mode	PEAK	
MAPG	SCMT MAP Peak Detection T0_Delay and Noise Gate	171.424	US
MAPT	SCMT MAP Fixed Threshold Level	30	MV
MATT	Maximum Attenuation	16.5449	DB/F
MCCF	MAP Cement Type Compensation Factor	1	
MCI	Minimum Cemented Interval for Isolation	10	FT
MMSA	MAP Minimum Sonic Amplitude	4.27504	MV
MSA	Minimum Sonic Amplitude	0.572744	MV
PEDE	Peak Detection On/Off Switch in Playback	OFF	
RBC	Relative Bearing Correction Allow/Disallow	DISALLOW	
VDLG	VDL Manual Gain	5	
ZCMT	Acoustic Impedance of Cement	6.8	MRAY
PSPT-A/B: Production Services Logging Platform			
BHS	Borehole Status	CASED	
BHT	Bottom Hole Temperature (used in calculations)	211	DEGF
CSID	Casing Size I.D.	6.5	IN
GCSE	Generalized Caliper Selection	BS	
GDEV	Average Angular Deviation of Borehole from Normal	0	DEG
GGRD	Geothermal Gradient	0.01	DF/F
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	DB36	
PSTP	PSTC Tool Position on CAN Bus	1	
SHT	Surface Hole Temperature	30	DEGF
System and Miscellaneous			
ALTDPCAN	Name of alternate depth channel	SpeedCorrectedDepth	
BS	Bit Size	7.875	IN
BSAL	Borehole Salinity	-50000.00	PPM
CSIZ	Current Casing Size	4.500	IN
CWEI	Casing Weight	11.60	LB/F
DFD	Drilling Fluid Density	8.35	LB/G
FLEV	Fluid Level	22.00	FT
MST	Mud Sample Temperature	-50000.00	DEGF
PBVSADP	Use alternate depth channel for playback	NO	
RMFS	Resistivity of Mud Filtrate Sample	-50000.0000	OHMM
RW	Resistivity of Connate Water	1.0000	OHMM
TD	Total Depth	7541	FT
TDD	Total Depth - Driller	7636.00	FT
TDL	Total Depth - Logger	7541.00	FT
TWS	Temperature of Connate Water Sample	100.00	DEGF

Format: CBL_VDL Vertical Scale: 5" per 100' Graphics File Created: 30-Mar-2009 14:33

OP System Version: 17C0-154

SCMT-CB SRPC-3779-Q1_2009_OP17_b PSPT-A/B 17C0-154

Output DLIS Files

DEFAULT SCMT_PSP_030LUP FN:29 PRODUCER 30-Mar-2009 14:33

Schlumberger

REPEAT PASS 0 PSI

MAXIS Field Log

Company: BILL BARRETT CORPORATION Well: BRYNILDSON 24A-20-692

Input DLIS Files

DEFAULT SCMT_PSP_028LUP FN:27 PRODUCER 30-Mar-2009 14:19 7553.5 FT 7156.0 FT

Output DLIS Files

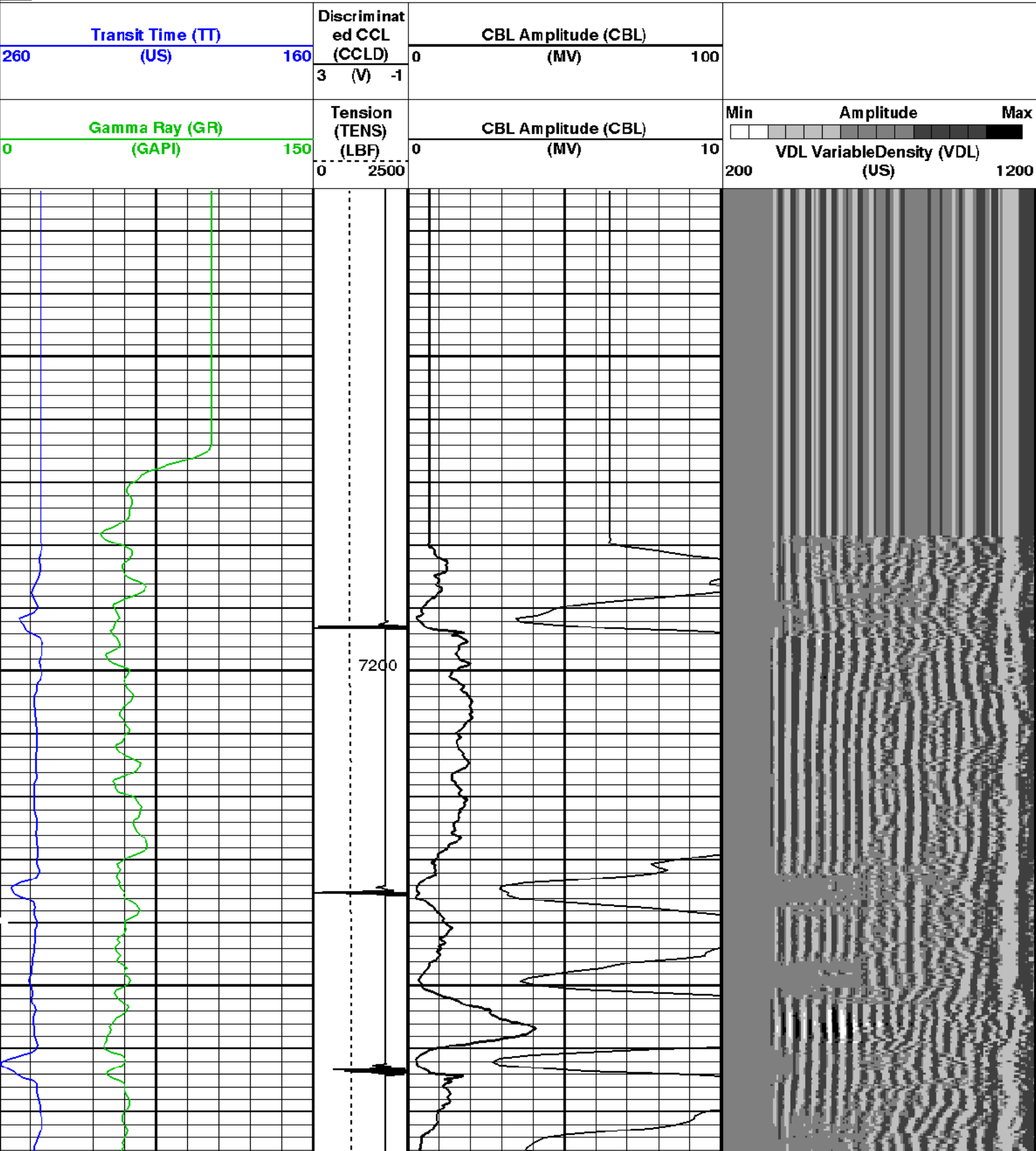
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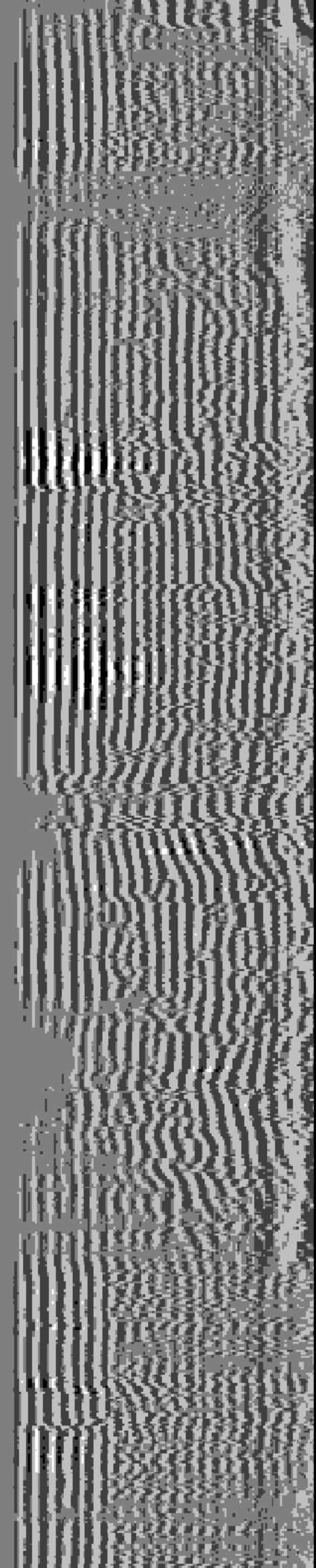
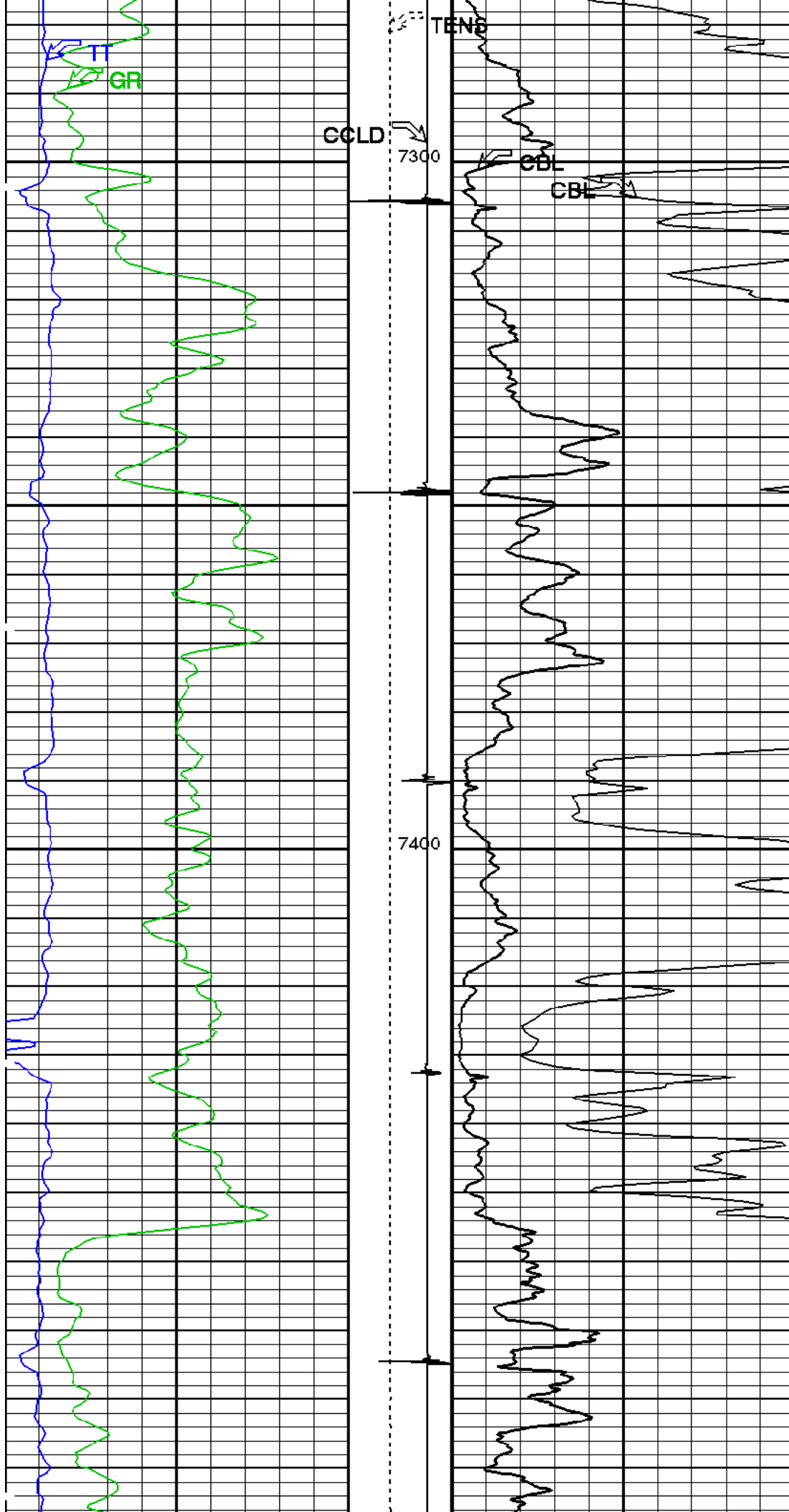
OP System Version: 17C0-154

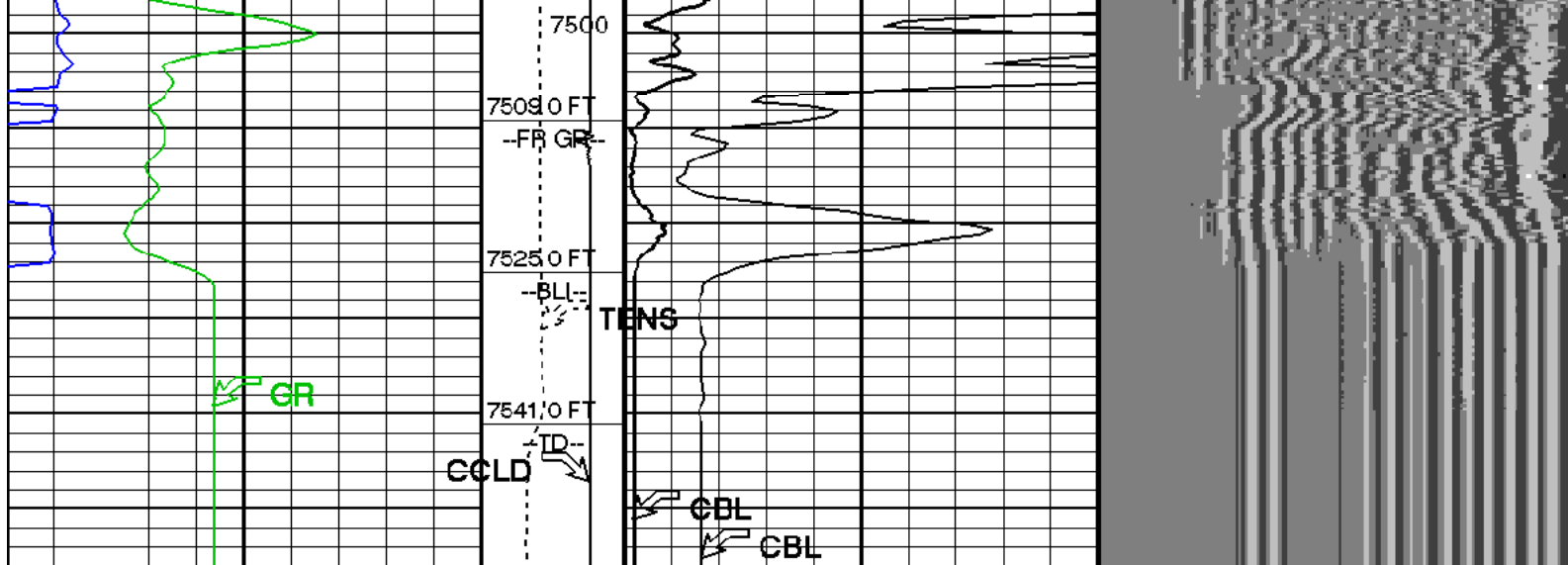
SCMT-CB SRPC-3779-Q1_2009_OP17_b PSPT-A/B 17C0-154

PIP SUMMARY

Time Mark Every 60 S







Gamma Ray (GR) (GAPI)	Tension (TENS) (LBF)	CBL Amplitude (CBL) (MV)	Min 200	Amplitude Max 1200
0 150	0 2500	0 10	VDL Variable Density (VDL) (US)	
Transit Time (TT) (US)	Discriminated CCL (CCLD) (V)	CBL Amplitude (CBL) (MV)		
260 160	3 -1	0 100		

PIP SUMMARY

Time Mark Every 60 S

Parameters


DLIS Name	Description	Value
SCMT-CB: Slim Cement Mapping Tool, 1-11/16 OD		
BILI	Bond Index Level for Zone Isolation	0.8
BISS	Bond Index Source Selection for BIQL	BI
CB3D	SCMT CBL 3 ft Peak Detection Mode	PEAK
CB3G	SCMT CBL 3 ft Peak Detection T0 Delay and Noise Gate	232 US
CB3T	SCMT CBL 3 ft Fixed Threshold Level	20 MV
CB5D	SCMT CBL 5 ft Peak Detection Mode	PEAK
CB5G	SCMT CBL 5 ft Peak Detection T0 Delay and Noise Gate	355 US
CB5T	SCMT CBL 5 ft Fixed Threshold Level	20 MV
CBLG	CBL Gate Width	40 US
CBRA	CBL LQC Reference Amplitude in Free Pipe	80 MV
CMCF	CBL Cement Type Compensation Factor	1
CMTC	SCMT Slow Channel Multiplexer Mode	SCAN
CMTM	SCMT Operating Mode	LOG
CMTF	SCMT Tool position on CAN	3
CSCS	SCMT Slow Channel Index	VCC
CTHI	Casing Thickness	0.255617 IN
DTF	Delta-T Fluid	204.5 US/F
FATT	Acoustic Attenuation due to Fluid	0 DB/F
FCF	CBL Fluid Compensation Factor	1
GOBO	Good Bond	1.53811 MV
MAPD	SCMT MAP Peak Detection Mode	PEAK
MAPG	SCMT MAP Peak Detection T0 Delay and Noise Gate	171.424 US
MAPT	SCMT MAP Fixed Threshold Level	30 MV
MATT	Maximum Attenuation	16.5449 DB/F
MCCF	MAP Cement Type Compensation Factor	1
MCI	Minimum Cemented Interval for Isolation	10 FT
MMSA	MAP Minimum Sonic Amplitude	4.27504 MV
MSA	Minimum Sonic Amplitude	0.572744 MV
PEDE	Peak Detection On/Off Switch in Playback	OFF
RBC	Relative Bearing Correction Allow/Disallow	DISALLOW
VDLG	VDL Manual Gain	5
ZCMT	Acoustic Impedance of Cement	6.8 MRAY
PSPT-A/B: Production Services Logging Platform		
BHS	Borehole Status	CASED
BHT	Bottom Hole Temperature (used in calculations)	211 DEGF
CSID	Casing Size I.D.	6.5 IN
GCSE	Generalized Caliper Selection	BS
GDEV	Average Angular Deviation of Borehole from Normal	0 DEG
GGRD	Geothermal Gradient	0.01 DF/F
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	DB36	
PSTP	PSTC Tool Position on CAN Bus	1	
SHT	Surface Hole Temperature	30	DEGF
System and Miscellaneous			
ALTDCHAN	Name of alternate depth channel	SpeedCorrectedDepth	
BS	Bit Size	7.875	IN
BSAL	Borehole Salinity	-50000.00	PPM
CSIZ	Current Casing Size	4.500	IN
CWEI	Casing Weight	11.60	LB/F
DFD	Drilling Fluid Density	8.35	LB/G
DO	Depth Offset for Playback	3.0	FT
FLEV	Fluid Level	22.00	FT
MST	Mud Sample Temperature	-50000.00	DEGF
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	7541	FT
TDD	Total Depth - Driller	7636.00	FT
TDL	Total Depth - Logger	7541.00	FT
TWS	Temperature of Connate Water Sample	100.00	DEGF

Format: CBL_VDL
Vertical Scale: 5" per 100'
Graphics File Created: 30-Mar-2009 14:29

OP System Version: 17C0-154						
SCMT-CB	SRPC-3779-Q1_2009_OP17_b	PSPT-A/B	17C0-154			
Input DLIS Files						
DEFAULT	SCMT_PSP_028LUP	FN:27	PRODUCER	30-Mar-2009 14:19	7553.5 FT	7156.0 FT
Output DLIS Files						
DEFAULT	SCMT_PSP_029PUP	FN:28	PRODUCER	30-Mar-2009 14:29		

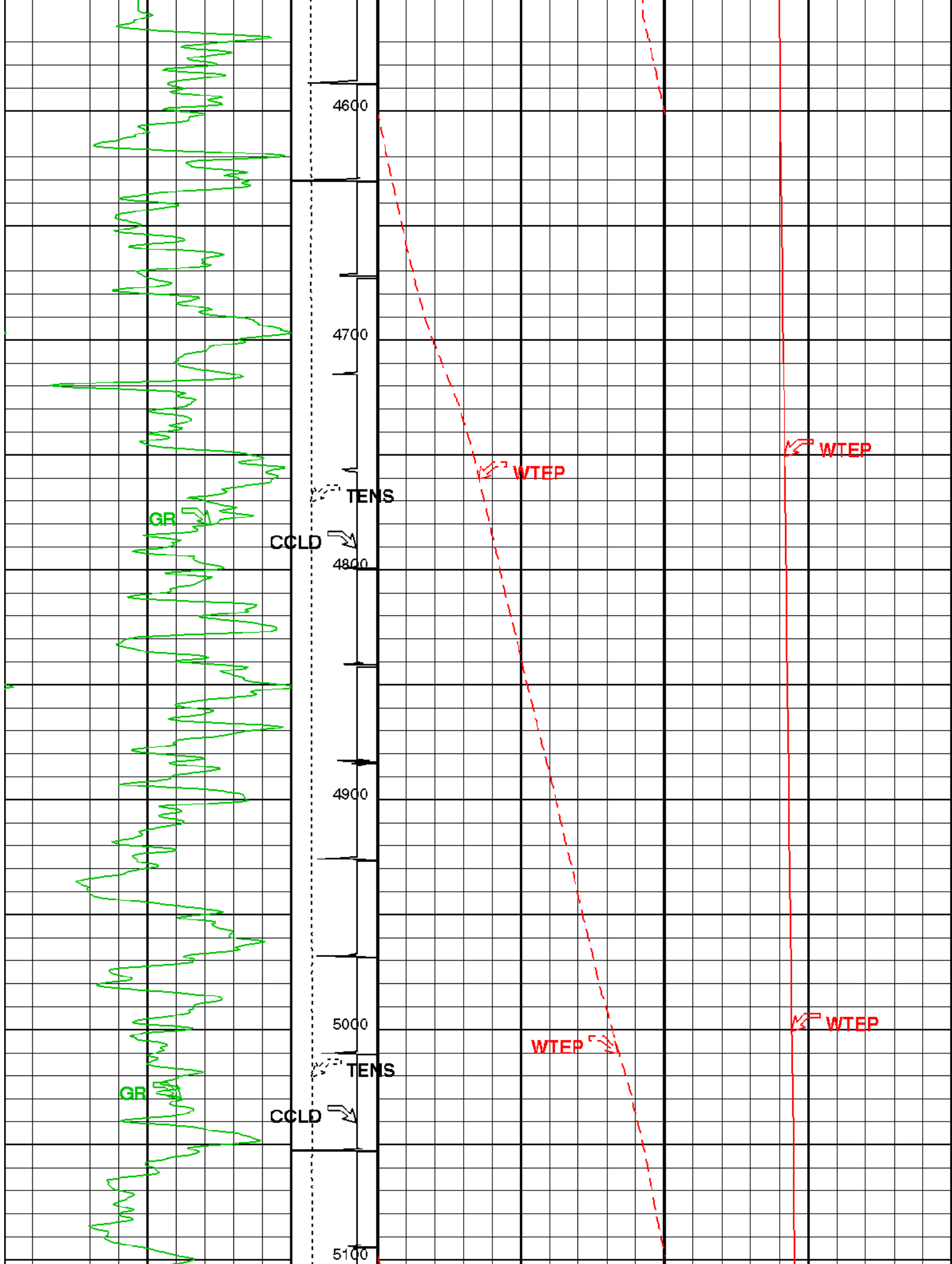


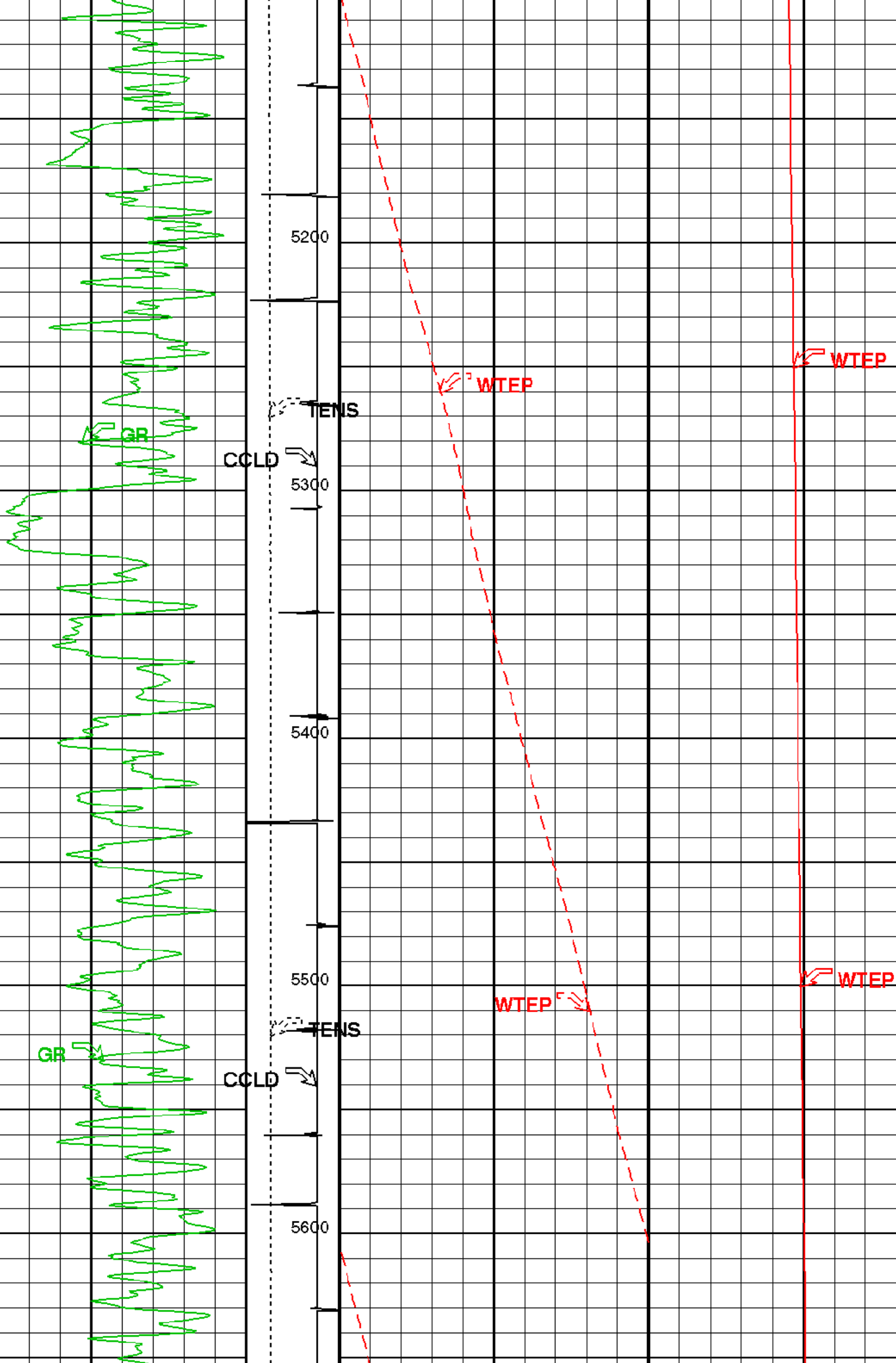
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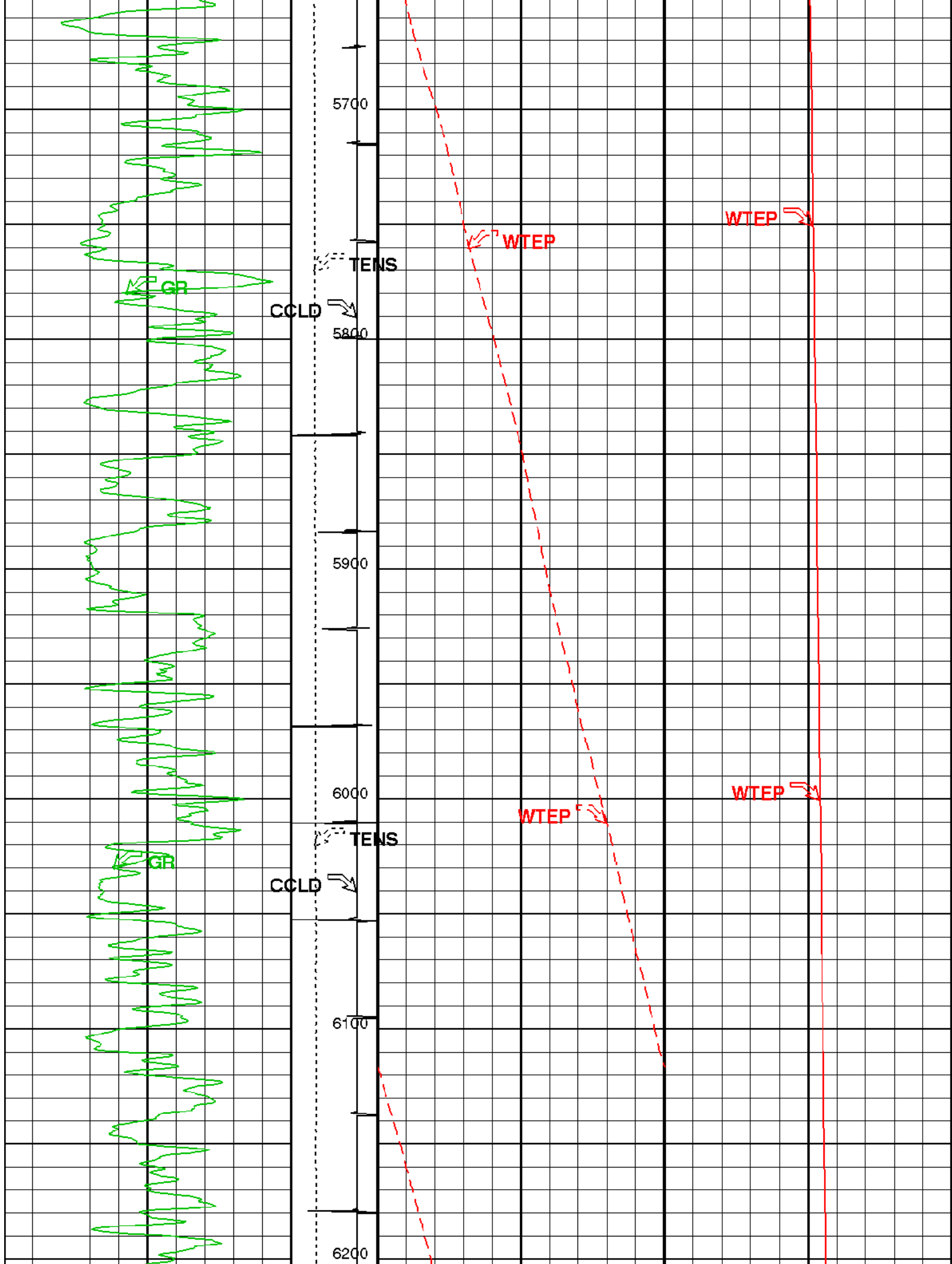
MAXIS Field Log

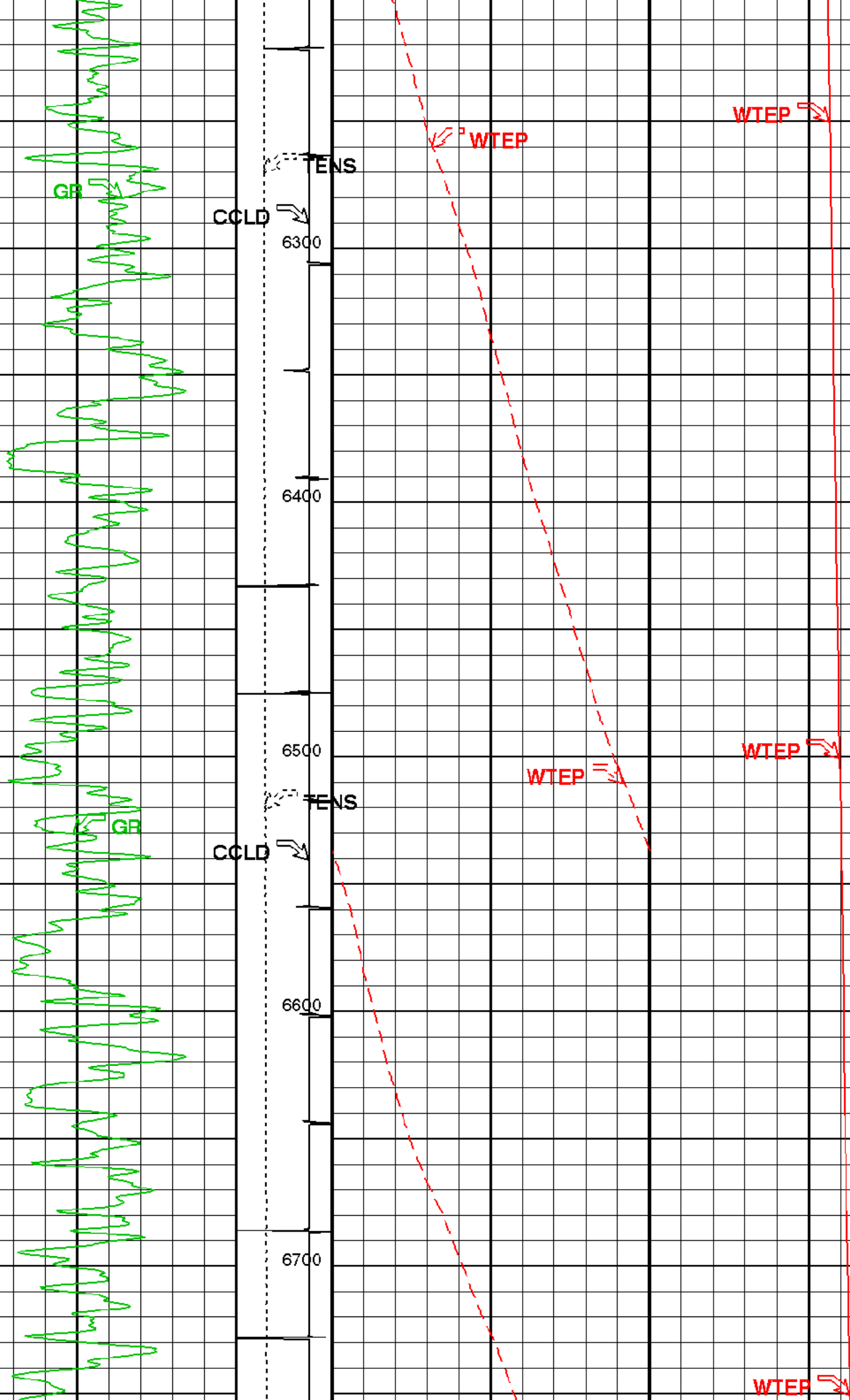
Company: BILL BARRETT CORPORATION
Well: BRYNILDSON 24A-20-692

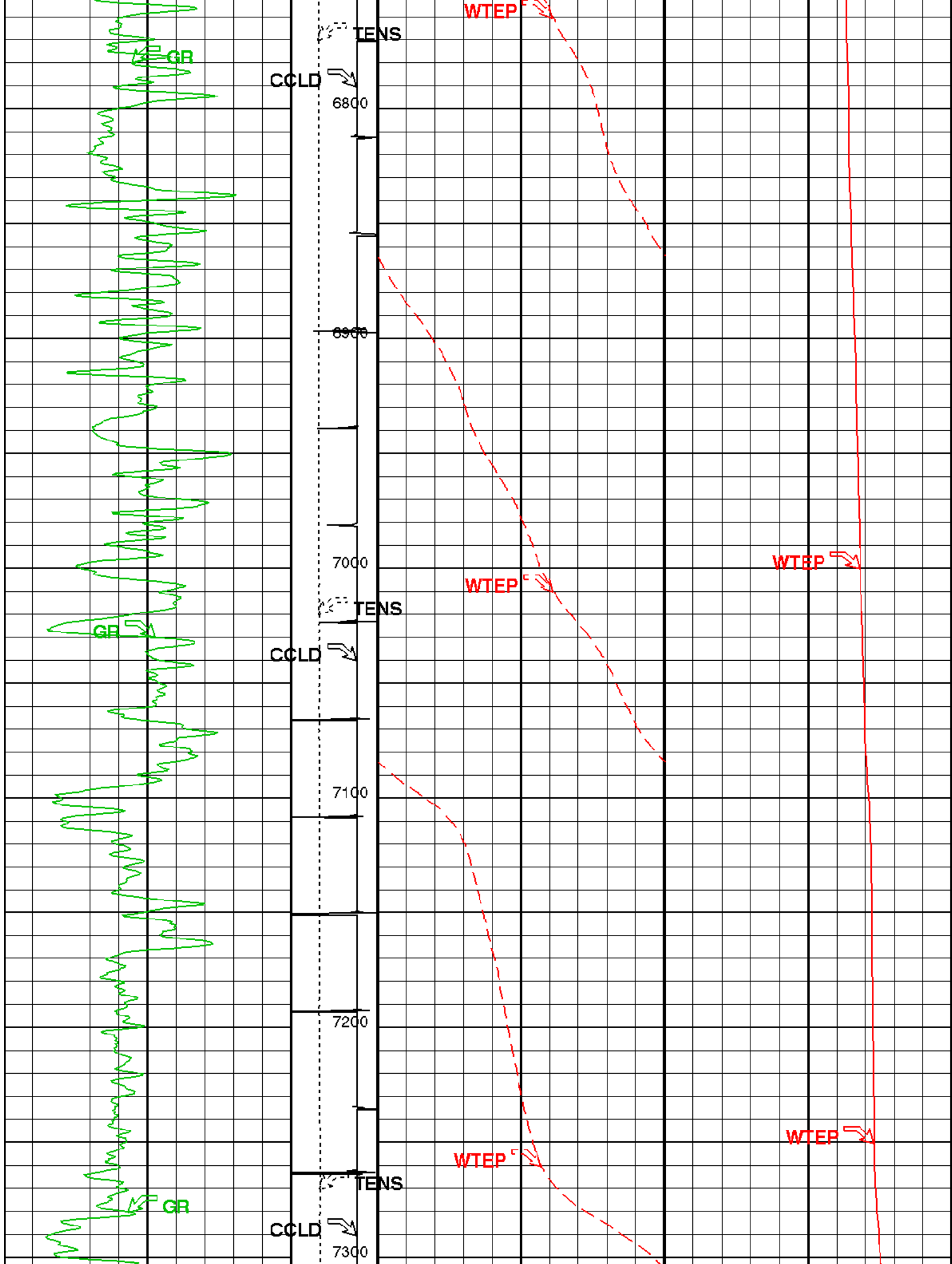
Output DLIS Files					
DEFAULT	SCMT_PSP_030LUP	FN:29	PRODUCER	30-Mar-2009 14:33	
OP System Version: 17C0-154					
SCMT-CB	SRPC-3779-Q1_2009_OP17_b	PSPT-A/B	17C0-154		
		Discriminat ed CCL (CCLD)			
		3 (V) -1			
Gamma Ray (GR)		Tension	Well Temperature (WTEP)		Well Temperature (WTEP)
0	(GAPI) 150	(TENS) (LBF)	(DEGF) 10 50		(DEGF) 250
		0 3000			

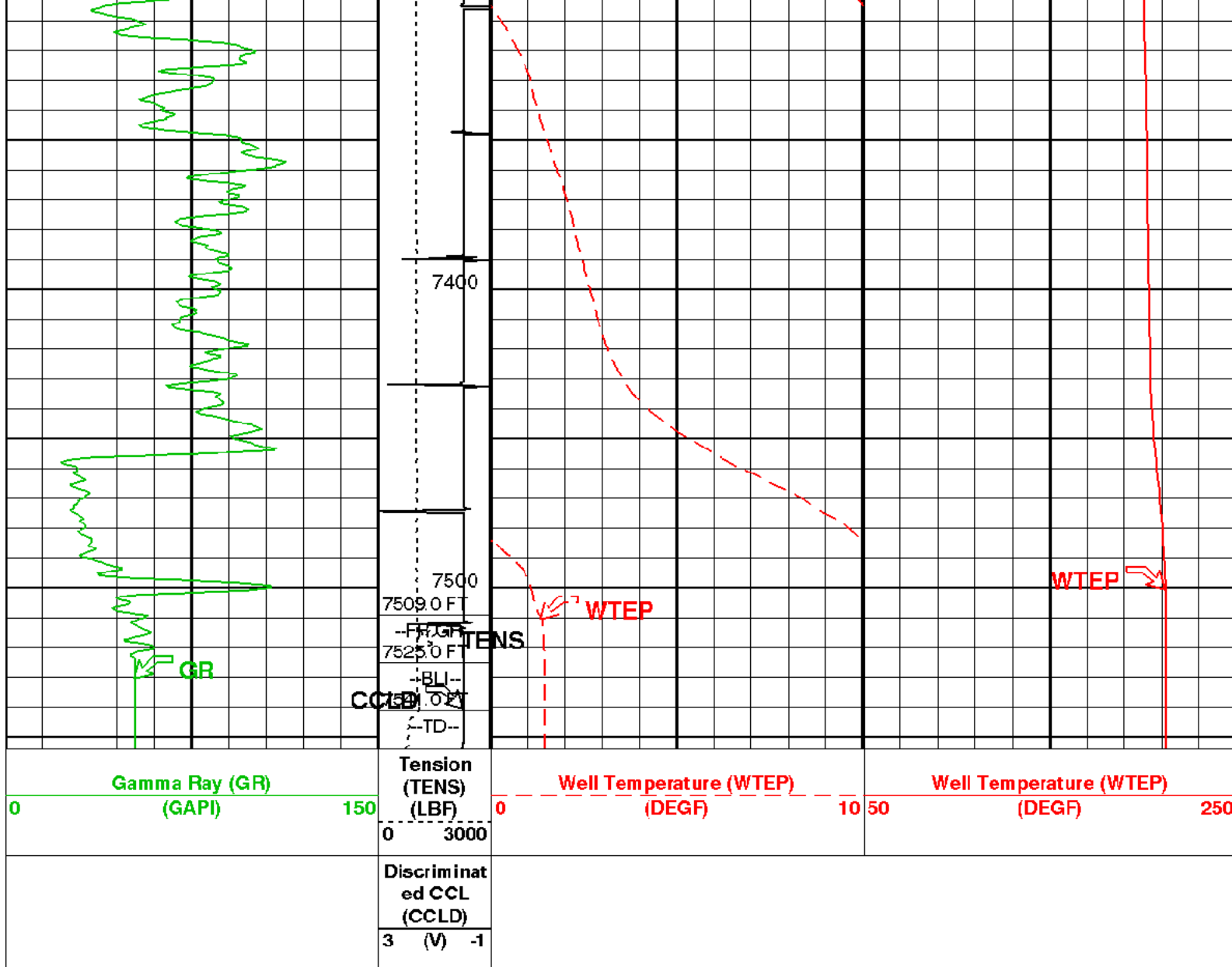












Parameters

DLIS Name	Description	Value
SCMT-CB: Slim Cement Mapping Tool, 1-11/16 OD		
BILI	Bond Index Level for Zone Isolation	0.8
BISS	Bond Index Source Selection for BIQL	BI
CB3D	SCMT CBL 3 ft Peak Detection Mode	PEAK
CB3G	SCMT CBL 3 ft Peak Detection T0 Delay and Noise Gate	232 US
CB3T	SCMT CBL 3 ft Fixed Threshold Level	20 MV
CB5D	SCMT CBL 5 ft Peak Detection Mode	PEAK
CB5G	SCMT CBL 5 ft Peak Detection T0 Delay and Noise Gate	355 US
CB5T	SCMT CBL 5 ft Fixed Threshold Level	20 MV
CBLG	CBL Gate Width	40 US
CBRA	CBL LQC Reference Amplitude in Free Pipe	80 MV
CMCF	CBL Cement Type Compensation Factor	1
CMTC	SCMT Slow Channel Multiplexer Mode	SCAN
CMTM	SCMT Operating Mode	LOG
CMTF	SCMT Tool position on CAN	3
CSCS	SCMT Slow Channel Index	VCC
CTHI	Casing Thickness	0.255617 IN
DTF	Delta-T Fluid	204.5 US/F
FATT	Acoustic Attenuation due to Fluid	0 DB/F
FCF	CBL Fluid Compensation Factor	1
GOBO	Good Bond	1.53811 MV
MAPD	SCMT MAP Peak Detection Mode	PEAK
MAPG	SCMT MAP Peak Detection T0 Delay and Noise Gate	171.424 US
MAPT	SCMT MAP Fixed Threshold Level	30 MV
MATT	Maximum Attenuation	16.5449 DB/F
MCCF	MAP Cement Type Compensation Factor	1
MCI	Minimum Cemented Interval for Isolation	10 FT
MMSA	MAP Minimum Sonic Amplitude	4.27504 MV
MSA	Minimum Sonic Amplitude	0.572744 MV

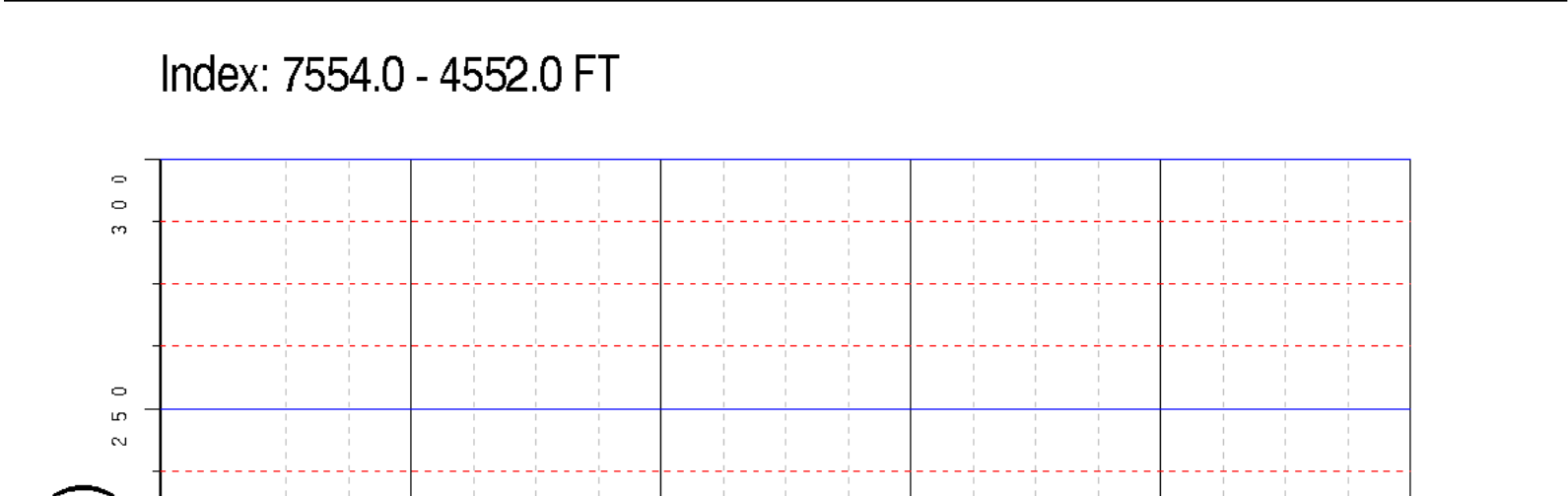
PEDE	Peak Detection On/Off Switch in Playback	OFF	
RBC	Relative Bearing Correction Allow/Disallow	DISALLOW	
VDLG	VDL Manual Gain	5	
ZCMT	Acoustic Impedance of Cement	6.8	MRAY
PSPT-A/B: Production Services Logging Platform			
BHS	Borehole Status	CASED	
BHT	Bottom Hole Temperature (used in calculations)	211	DEGF
CSID	Casing Size I.D.	6.5	IN
GCSE	Generalized Caliper Selection	BS	
GDEV	Average Angular Deviation of Borehole from Normal	0	DEG
GGRD	Geothermal Gradient	0.01	DF/F
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	DB36	
PSTP	PSTC Tool Position on CAN Bus	1	
SHT	Surface Hole Temperature	30	DEGF
System and Miscellaneous			
ALTDPCAN	Name of alternate depth channel	SpeedCorrectedDepth	
BS	Bit Size	7.875	IN
BSAL	Borehole Salinity	-50000.00	PPM
CSIZ	Current Casing Size	4.500	IN
CWEI	Casing Weight	11.60	LB/F
DFD	Drilling Fluid Density	8.35	LB/G
FLEV	Fluid Level	22.00	FT
MST	Mud Sample Temperature	-50000.00	DEGF
PBVSADP	Use alternate depth channel for playback	NO	
RMFS	Resistivity of Mud Filtrate Sample	-50000.0000	OHMM
RW	Resistivity of Connate Water	1.0000	OHMM
TD	Total Depth	7541	FT
TDD	Total Depth - Driller	7636.00	FT
TDL	Total Depth - Logger	7541.00	FT
TWS	Temperature of Connate Water Sample	100.00	DEGF

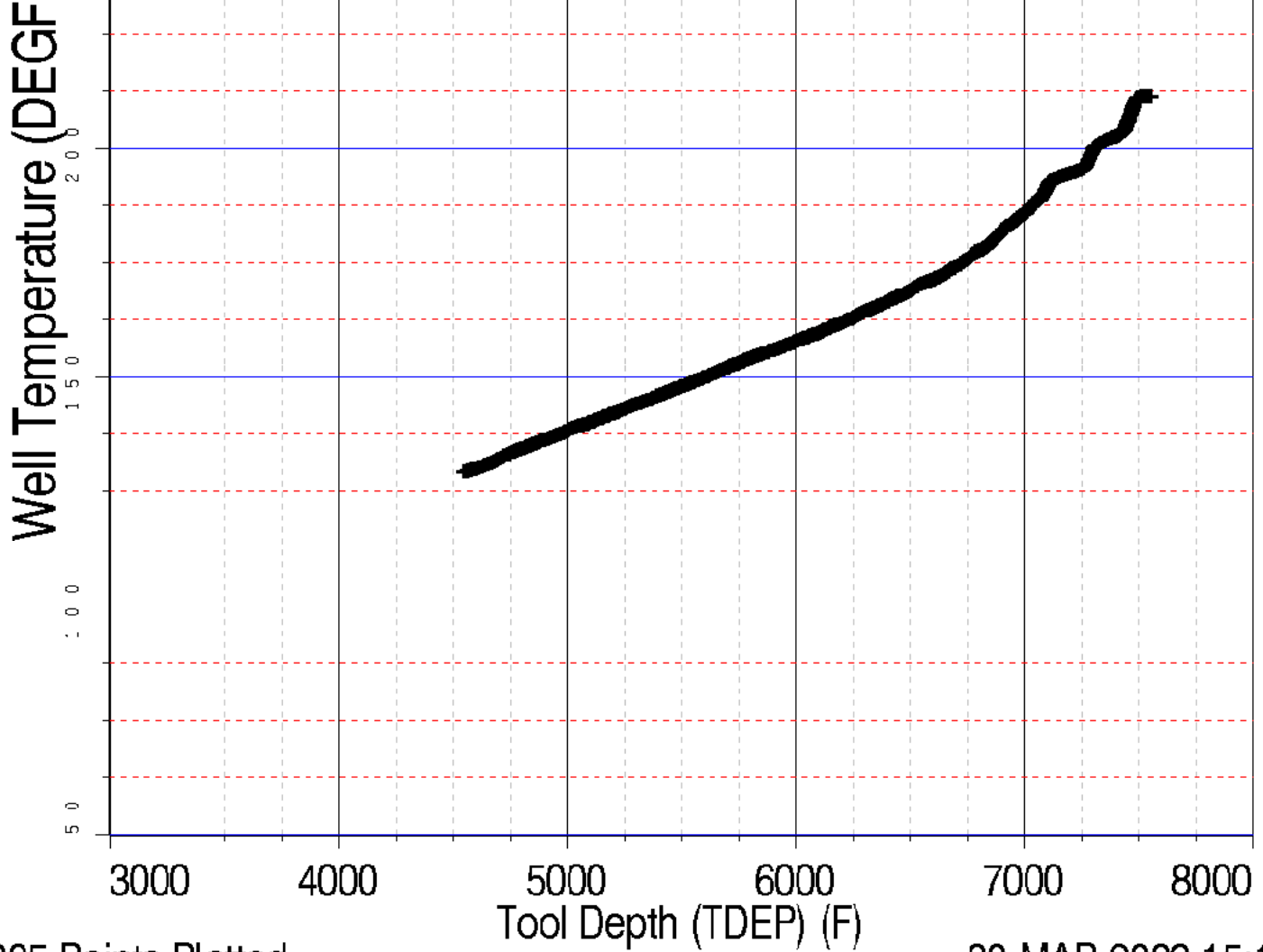
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OP System Version: 17C0-154					
SCMT-CB	SRPC-3779-Q1_2009_OP17_b	PSPT-A/B	17C0-154		
Output DLIS Files					
DEFAULT	SCMT_PSP_030LUP	FN:29	PRODUCER	30-Mar-2009 14:33	

Schlumberger

TEMPERATURE PLOT

MAXIS Field Log





6005 Points Plotted

30-MAR-2009 15:16

Schlumberger

COEFFICIENTS

MAXIS Field Log

Client: BILL BARRETT CORPORATON
Field: MAMM CREEK
Well: BRYNILDSON 14A-20-692
Run date: 30-Mar-2009

Tool: PSP
Sub Type: PBMS
Sensor: GR

PBMS Gamma Ray
Sonde Serial NB
Sensor Serial NB
Calib Date ddmmyy
Matrix Size
Coeff CRC
GR HV Rt

RESISTORS FOR GR SENSOR N.33659, TOOL PBMS-AA1959. SENSOR S/N:
33659
090703
12
EE95

Rt**0	+.200000000000e+04	+.364000000000e+04
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Client:	BILL BARRETT CORPORATON	Tool:	PSP
Field:	MAMM CREEK	Sub Type:	PBMS
Well:	BRYNILDSON 14A-20-692	Sensor:	WellTemp RTD
Run date:	30-Mar-2009		

PBMS RTD Well Thermometer

Sonde Serial NB

Sensor Serial NB

Calib Date ddmmyy

Matrix Size

Coeff CRC

COEFFICIENTS FOR RTD THERMOMETER PBMS-A.1959 S/N:

1959

140104

16

9845

WTemp Coeff

	Tt**0	Tt**1	Tt**2
Tt**0	-.172864575497E+02	-.199358370151E+03	+.102875069491E+03
	Tt**3	Tt**4	Tt**5
Tt**0	-.153744880398E+02	+.872847925617E+00	0.0

Client:	BILL BARRETT CORPORATON	Tool:	PSP
Field:	MAMM CREEK	Sub Type:	PBMS
Well:	BRYNILDSON 14A-20-692	Sensor:	Sapphire
Run date:	30-Mar-2009		

PBMS Sapphire 10kPsi Gauge

Sonde Serial NB

Sensor Serial NB

Calib Date ddmmyy

Matrix Size

Coeff CRC

COEFFICIENTS FOR SAPPHIRE PBMS-A.1959 S/N:

1959

140104

66

F6D7

Pres Coeff

	Tt**0	Tt**1	Tt**2
Tp**0	-1.79946431836E+04	+.157952253855E+04	-.947625837418E+03
Tp**1	+.414976314890E+04	-.295985436742E+04	+.136170348775E+04
Tp**2	+.193869599540E+00	+.515158896341E+01	-.238425240944E+01
Tp**3	-.202031312476E+01	+.577072059311E+00	0.0
Tp**4	0.0	0.0	0.0
Tp**5	0.0	0.0	0.0

	Tt**3	Tt**4	Tt**5
Tp**0	+.163188944621E+03	-.103123569623E+02	0.0
Tp**1	-.228614519693E+03	+.142071259710E+02	0.0
Tp**2	0.0	0.0	0.0
Tp**3	0.0	0.0	0.0
Tp**4	0.0	0.0	0.0
Tp**5	0.0	0.0	0.0

PBMS Sapphire 10kPsi Gauge

Sonde Serial NB

Sensor Serial NB

Calib Date ddmmyy

Matrix Size

Coeff CRC

:

1959

140104

66

F31E

Temp Coeff

	Tp**0	Tp**1	Tp**2
Tt**0	-.281186128814E+03	+.311007587327E+01	+.101585411967E+01
Tt**1	+.565215827289E+02	-.335488632479E+01	-.217801978672E+00
Tt**2	+.111120964101E+02	+.942638183292E+00	-.514397688032E-02
Tt**3	-.737109754204E+00	-.752457642311E-01	0.0
Tt**4	0.0	0.0	0.0
Tt**5	0.0	0.0	0.0

	Tp**3	Tp**4	Tp**5

Tt**0	-.236048804565E+00	+.180201234373E-01	0.0
Tt**1	+.585143975251E-01	-.480102368779E-02	0.0
Tt**2	0.0	0.0	0.0
Tt**3	0.0	0.0	0.0
Tt**4	0.0	0.0	0.0
Tt**5	0.0	0.0	0.0

Company: **BILL BARRETT CORPORATION**

Schlumberger

Well: **BRYNILDSON 24A-20-692**

Field: **MAMM CREEK**

County: **GARFIELD**

State: **COLORADO**

CEMENT BOND LOG

CBL / VDL

GAMMA RAY / CCL

Schlumberger BlueView : converted PDS file