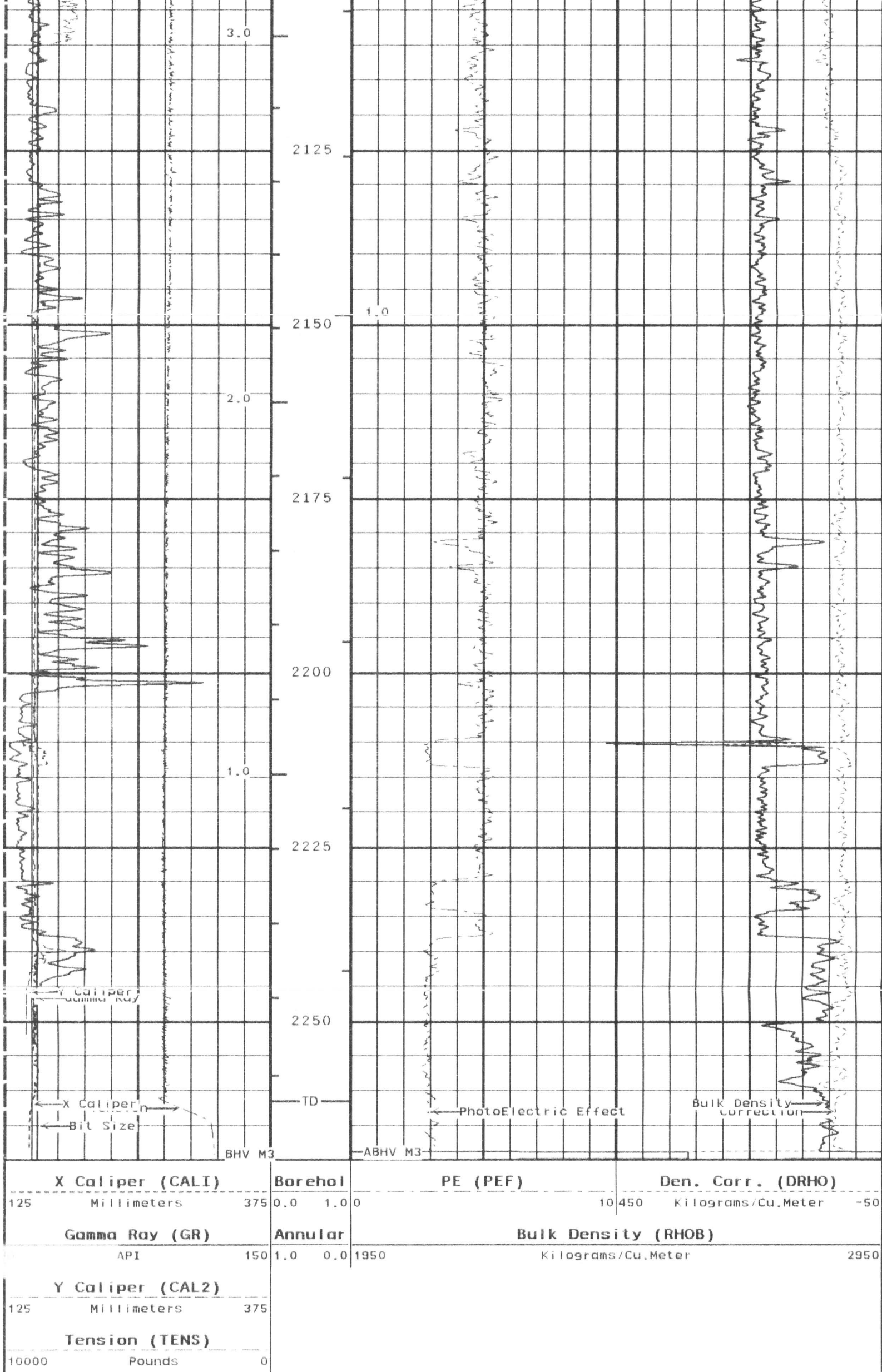


The image displays a complex scientific plot, likely a time-series or spectral analysis, spanning from 1925 to 2100. The central vertical axis is marked with years: 1925, 1950, CSG, 1975, 2000, 2025, 2050, 2075, and 2100. The plot features multiple data series, including a prominent, highly oscillatory signal on the left side and a more stable, stepped signal on the right side. Several horizontal lines and labels are present, indicating specific values or thresholds: 3.0, 6.0, CSG, 5.0, 4.0, and 2.0. The plot is overlaid with a grid, and the data series show significant fluctuations and trends over time.



START DEPTH: 2269.9 DIRECTION: UP DATE: 03/17/2004 TIME: 11:38 MODE: TRACE PLAYBACK
BHVM3 CASING SIZE: 114.30 Millimeters CALIPERS: CALI,CAL2,None
30028933 SPD1MP

MAIN PASS
DEPTH SCALE: 1:600 VERSION: 2004.02.11.263

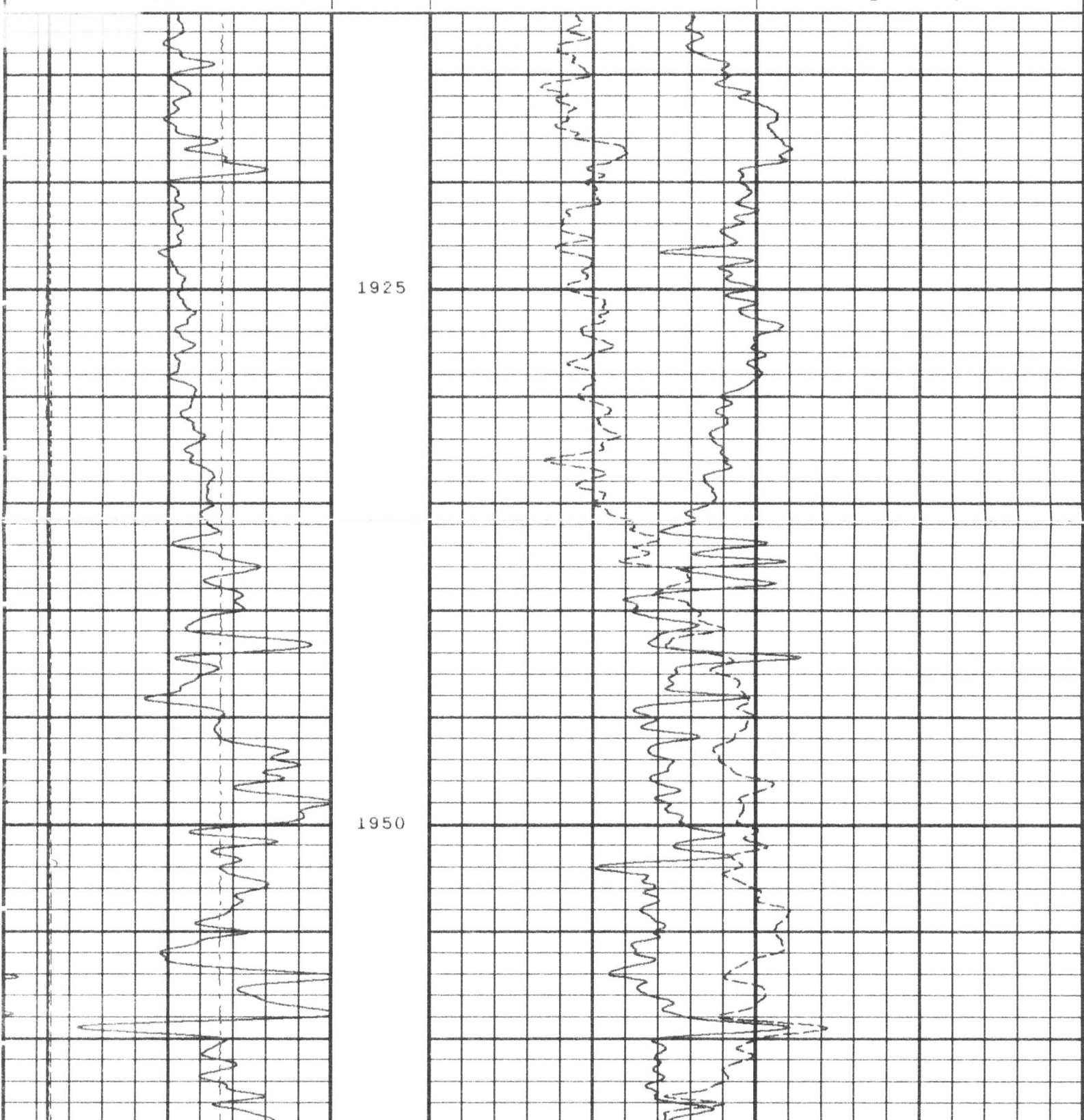
SYSTEM CONSTANTS			
NAME	DESCRIPTION	VALUE	UNITS
TDL	TD-Logger	2261.50	Meters
CSIZ	Casing Size	177.8	Millimeters
CMEI	Casing Weight	25.30	Kilograms/Meter
BS	Bit Size	155.6	Millimeters
BHT	Bottom Hole Temp	102.6	DegreesCentigrade
SFT	Mean Annual Surf Temp	5.0	DegreesCentigrade
SACC	Accumulation Time	100	Seconds
BARI	Barite Correction	OFF	
MM	Mud Weight	1025.0	Kilograms/Cu.Meter
MDEN	Matrix Density	2710	Kilograms/Cu.Meter
FD	Fluid Density	1000	Kilograms/Cu.Meter
SPVS	SPED Valve Status	IN	
NGAI	K Factor-NEU	1.026	
BHS	Open/Cased Hole	Open	
BSAL	Borehole Salinity	0	Parts/Million
FSAL	Formation Salinity	0	Parts/Million
NBCS	BitSize/Calp Sel-CNT	Caliper	
NTLS	Tool Type-CNT	CNT-S	
TGRD	Temperature Gradient	0.555	DegC/100Meters
NTMS	Temp Source-CNT	Gradient	
NCOT	Constant Temp-CNT	21.0	DegreesCentigrade
NCOR	Cnt Ch Corr Offset	OFF	
OCOR	Cnt Environ.correction	OFF	
SPTL	Log With SP From	MCS	
SPDD	SP Drift Corr. mV	0	Millivolts
SPBR	SP Bridle Depth Offset	1.60	Meters
SMAN	Sheave Wheel Angle	0.00	Degrees
NCAL	LIS Caliper Name-CNT	X Caliper	
SCAL	Density BH Diam Source	X Caliper	
BHC1	BHV Caliper Source 1	CALI	
BHC2	BHV Caliper Source 2	CALI	
BHC3	BHV Caliper Source 3	None	
BDC1	BHV Diff Cal Source	CALI	
BHC4	BHV Casing Size	114.30	Millimeters
BHC6	BHV Method	Standard BHV	
BHC5	BHV Calipers	CALI,CAL2,None	

REMARKS
MAIN PASS 1:240 SCALE
LIMESTONE MATRIX (2710 kg/m3)

DEPTH SCALE: 1:240 VERSION: 2004.02.11.263
MAIN PASS

30028933 SPD1MP
FINISH DEPTH: 0.0 Meters DIRECTION: UP DATE: TIME: MODE: TRACE PLAYBACK

Tension (TENS)		Neut. Por. (NPHI)	
10000	Pounds 0	45.0	Percent -15.0
Y Caliper (CAL2)		Den. Por. (DPHI)	
125	Millimeters 375	45.0	Percent -15.0
Gamma Ray (GR)		PE (PEF)	
0	API 150	0	10 450 Kilograms/Cu.Meter -50
X Caliper (CALI)		Den. Corr. (DRHO)	
125	Millimeters 375		



CSG

1975

2000

2025

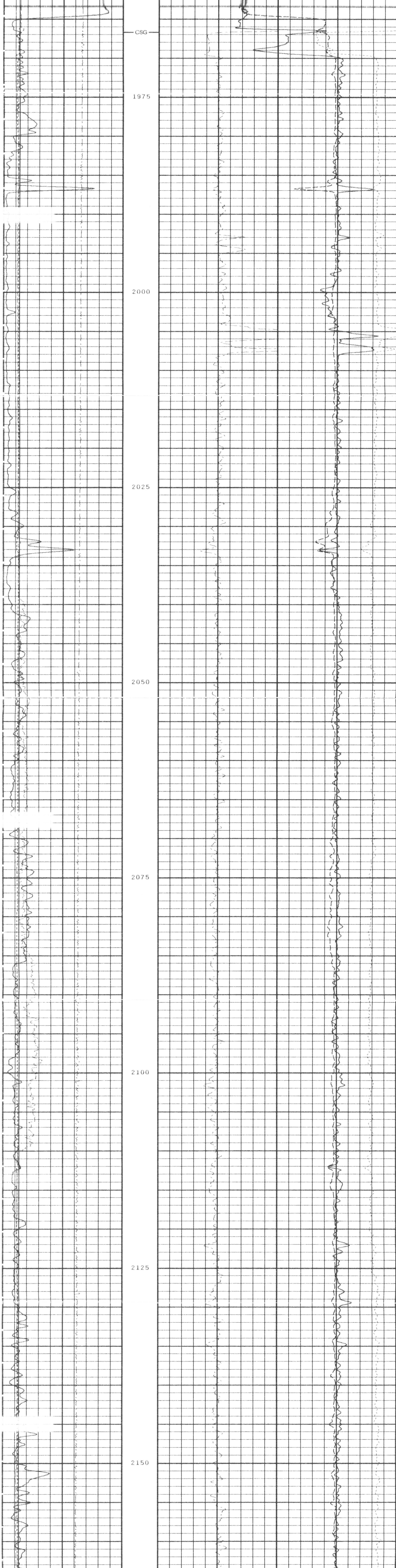
2050

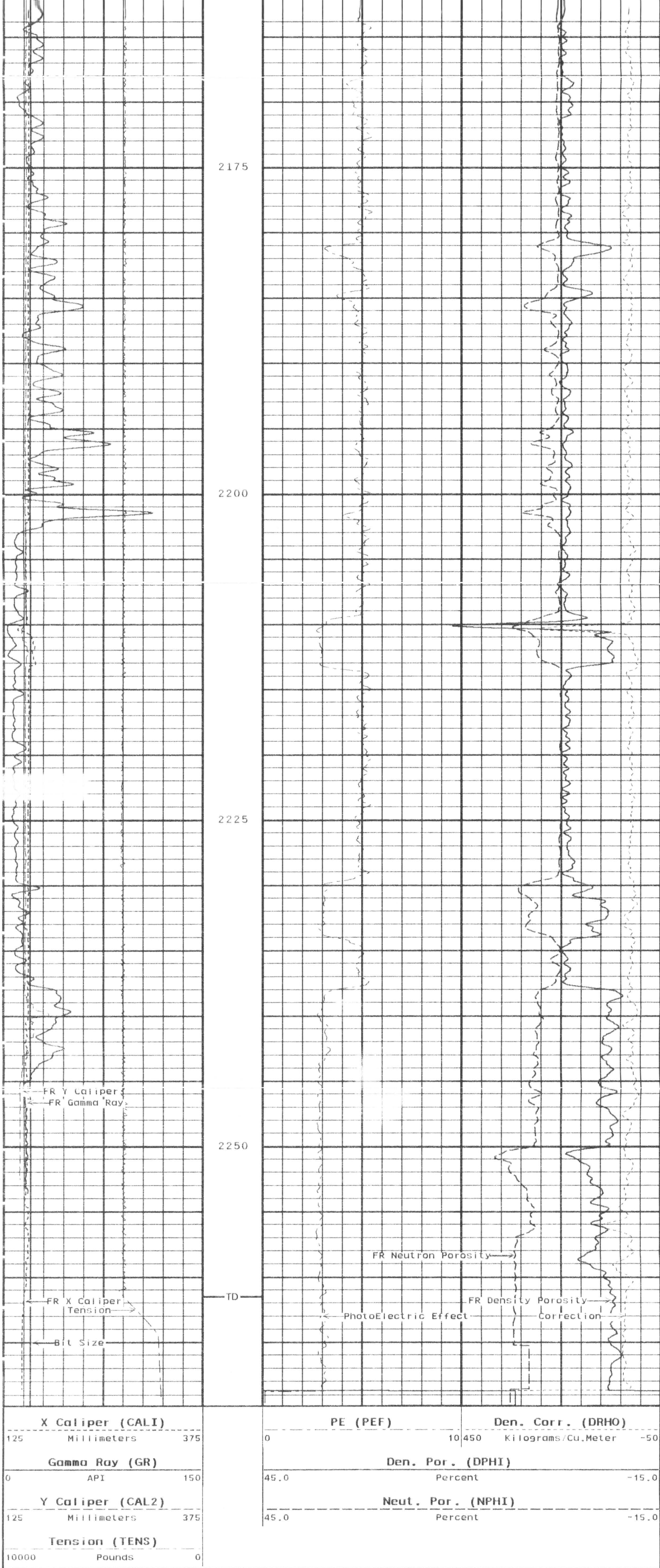
2075

2100

2125

2150





START DEPTH: 2263.5 DIRECTION: UP DATE: 03/17/2004 TIME: 11:36 MODE: TRACE PLAYBACK
30028933 SPD1MP

MAIN PASS

DEPTH SCALE: 1:240

VERSION: 2004.02.11.263

SYSTEM CONSTANTS

NAME	DESCRIPTION	VALUE	UNITS
TDL	TD-Logger	2262.50	Meters
CSIZ	Casing Size	177.8	Millimeters
CWEI	Casing Weight	25.30	Kilograms/Meter
BS	Bit Size	155.6	Millimeters
BHT	Bottom Hole Temp	102.0	DegreesCentigrade
SFT	Mean Annual Surf Temp	5.0	DegreesCentigrade
SACC	Accumulation Time	100	Seconds
BARI	Barite Correction	OFF	
MW	Mud Weight	1025.0	Kilograms/Cu.Meter
MDEN	Matrix Density	2710	Kilograms/Cu.Meter
FD	Fluid Density	1000	Kilograms/Cu.Meter
SPVS	SPed Valve Status	IN	
NGAI	K Factor-NEU	1.026	
BHS	Open/Cased Hole	Open	
BSAL	Borehole Salinity	0	Parts/Million
FSAL	Formation Salinity	0	Parts/Million
NBCS	Bitsize/Calp Sel-CNT	Caliper	
NTLS	Tool Type-CNT	CNT-S	
TGRD	Temperature Gradient	0.555	DegC/100Meters
NTMS	Temp Source-CNT	Gradient	
NCOT	Constant Temp-CNT	21.0	DegreesCentigrade
NCOR	Cnt Ch Corr Offset	OFF	
OCOR	Cnt Environ.correction	OFF	
SPTL	Log With SP From	MCS	
SPDD	SP Drift Corr. mV	0	Millivolts
SPBR	SP Bridle Depth Offset	1.60	Meters
SWAN	Sheave Wheel Angle	0.00	Degrees
NCAL	LIS Caliper Name-CNT	X Caliper	
SCAL	Density BH Diam Source	X Caliper	

REMARKS

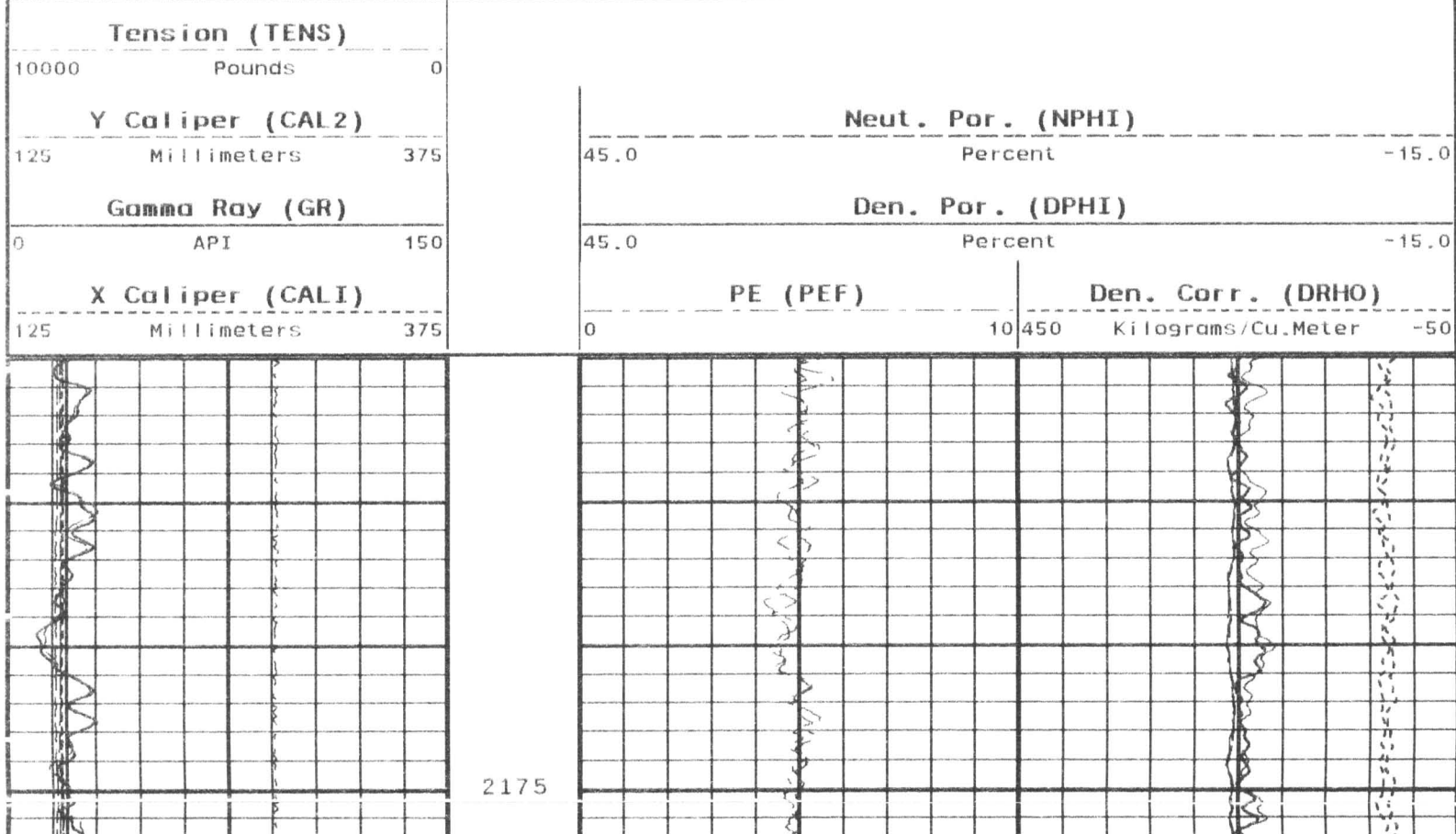
REPEAT PASS 1:240 SCALE
LIMESTONE MATRIX (2710 kg/m3)

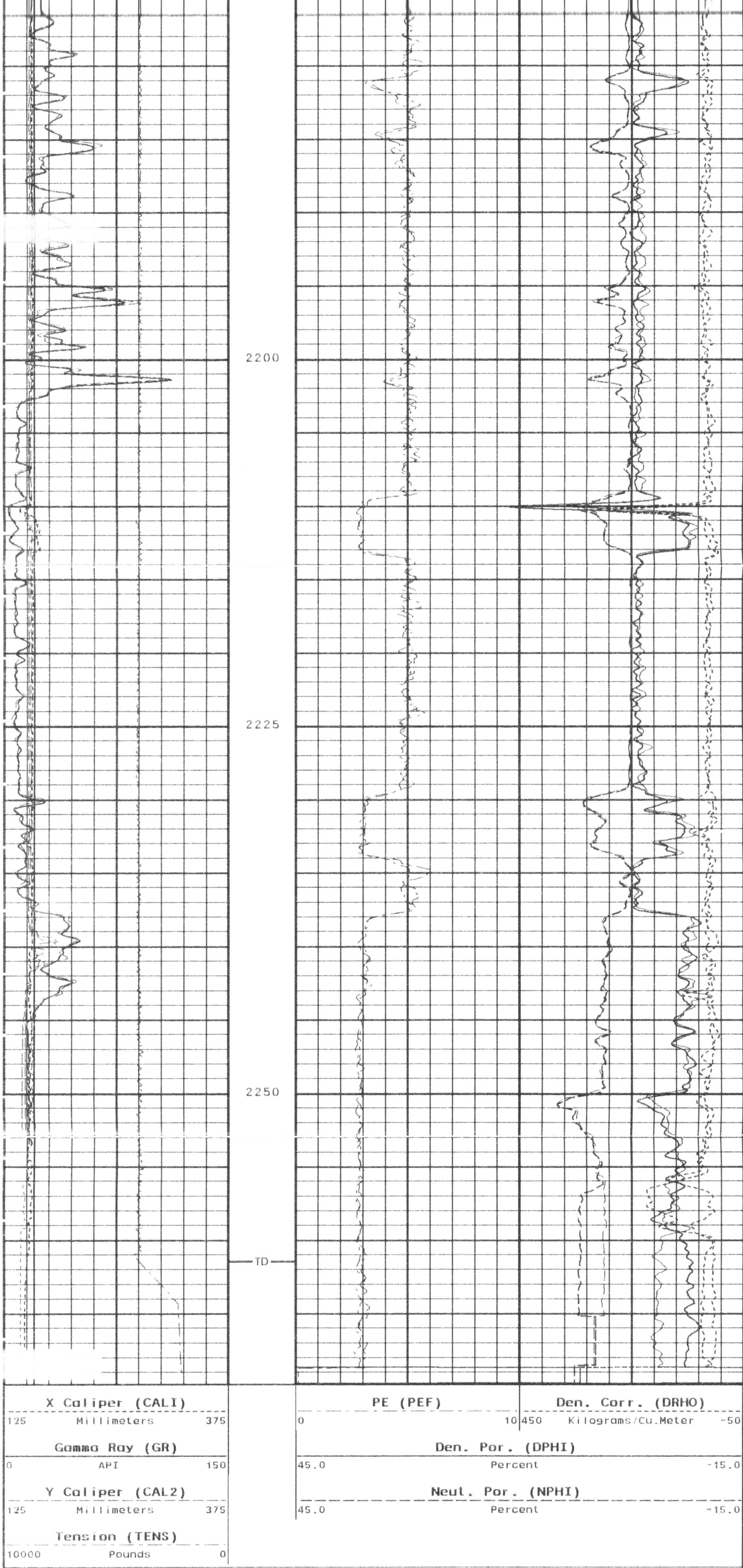
DEPTH SCALE: 1:240

VERSION: 2004.02.11.263

30028933

FINISH DEPTH: 2162.5 Meters DIRECTION: UP DATE: 03/17/2004 TIME: 12:52 MODE: TRACE PLAYBACK





START DEPTH: 2269.9 DIRECTION: UP DATE: 03/17/2004 TIME: 12:52 MODE: TRACE PLAYBACK

DEPTH SCALE: 1:240 VERSION: 2004.02.11.263

SYSTEM CONSTANTS			
NAME	DESCRIPTION	VALUE	UNITS
TDL	TD-Logger	2261.50	Meters
CSIZ	Casing Size	177.8	Millimeters
CMEI	Casing Weight	25.30	Kilograms/Meter
BS	Bit Size	155.6	Millimeters
BHT	Bottom Hole Temp	102.0	DegreesCentigrade
SFT	Mean Annual Surf Temp	5.0	DegreesCentigrade
SACC	Accumulation Time	100	Seconds
BARI	Barite Correction	OFF	
MW	Mud Weight	1025.0	Kilograms/Cu.Meter
MDEN	Matrix Density	2710	Kilograms/Cu.Meter
FD	Fluid Density	1000	Kilograms/Cu.Meter
SPVS	SPed Valve Status	IN	
NGAI	K Factor-NEU	1.026	
BHS	Open/Cased Hole	Open	
BSAL	Borehole Salinity	0	Parts/Million
FSAL	Formation Salinity	0	Parts/Million
NBCS	Bitsize/Calp Sel-CNT	Caliper	
NTLS	Tool Type-CNT	CNT-S	
TGRD	Temperature Gradient	0.555	DegC/100Meters
NTMS	Temp Source-CNT	Gradient	
NCOT	Constant Temp-CNT	21.0	DegreesCent igrade
NCOR	Cnt Ch Corr Offset	OFF	
OCOR	Cnt Environ.correction	OFF	
SPTL	Log With SP From	MCS	
SPDD	SP Drift Corr. mV	0	Millivolts
SPBR	SP Bridle Depth Offset	1.60	Meters
SWAN	Sheave Wheel Angle	0.00	Degrees
NCAL	LIS Caliper Name-CNT	X Caliper	
SCAL	Density BH Diam Source	X Caliper	

REMARKS

MAIN PASS 1:240 SCALE

LIMESTONE MATRIX (2710 kg/m3)

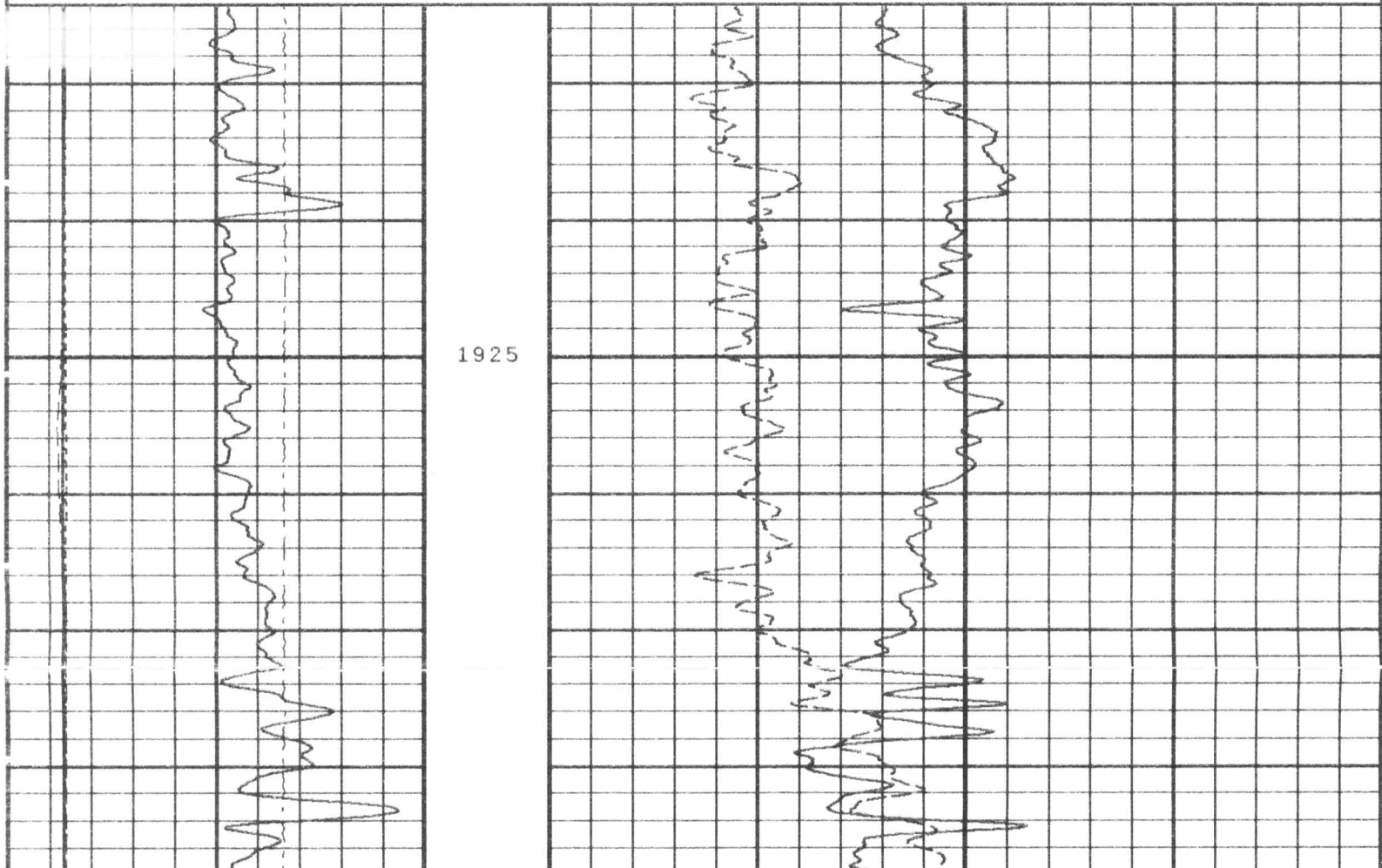
DEPTH SCALE: 1:240 VERSION: 2004.02.11.263

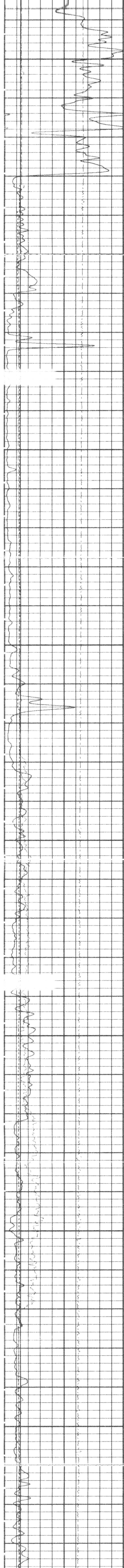
MAIN PASS

30028933 SPD1MP

FINISH DEPTH: 0.0 Meters DIRECTION: UP DATE: TIME: MODE: TRACE PLAYBACK

Tension (TENS)	Neut. Por. (NPHI)
Y Caliper (CAL2)	Bulk Density (RHOB)
Gamma Ray (GR)	PE (PEF)
X Caliper (CALI)	Den. Corr. (DRHO)





1950

CSG

1975

2000

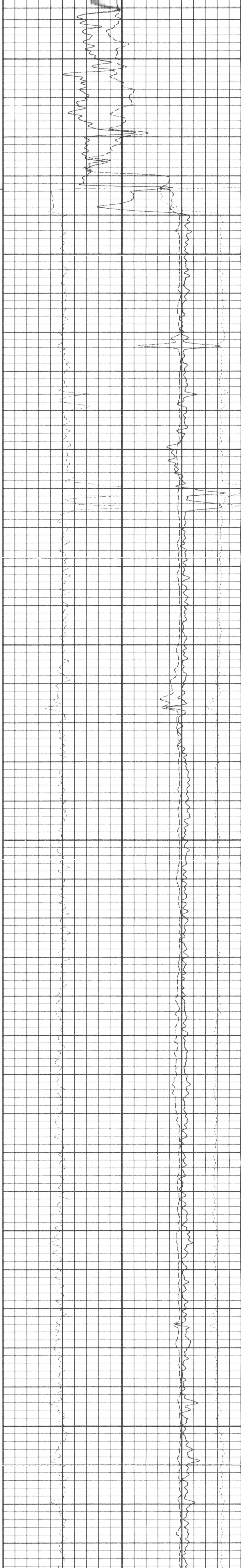
2025

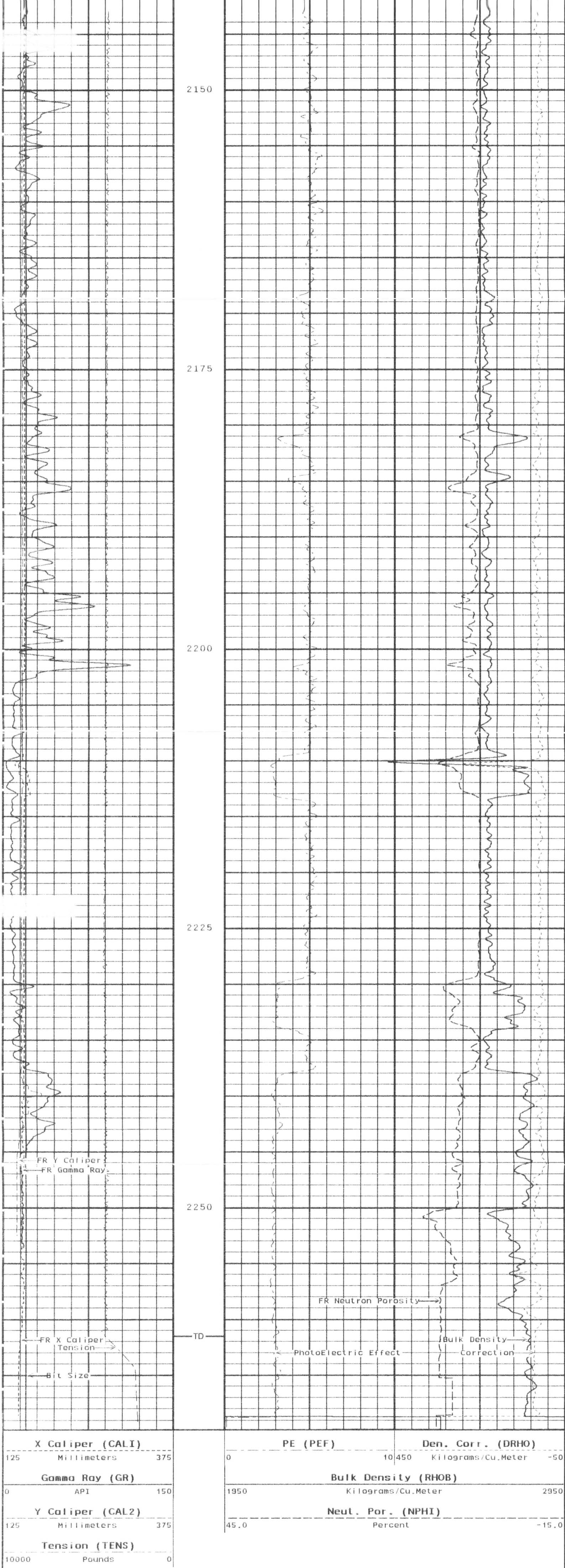
2050

2075

2100

2125





START DEPTH: 2269.9 DIRECTION: UP DATE: 03/17/2004 TIME: 11:38 MODE: TRACE PLAYBACK
30028933 SPD1MP

MAIN PASS

DEPTH SCALE: 1:240

VERSION: 2004.02.11.263

SYSTEM CONSTANTS

NAME	DESCRIPTION	VALUE	UNITS
TDL	TD-Logger	2262.50	Meters
CSIZ	Casing Size	177.8	Millimeters
CWEI	Casing Weight	25.30	Kilograms/Meter
BS	Bit Size	155.6	Millimeters
BHT	Bottom Hole Temp	102.0	DegreesCentigrade
SFT	Mean Annual Surf Temp	5.0	DegreesCentigrade
SACC	Accumulation Time	100	Seconds
BARI	Barite Correction	OFF	
MW	Mud Weight	1025.0	Kilograms/Cu.Meter
MDEN	Matrix Density	2710	Kilograms/Cu.Meter
FD	Fluid Density	1000	Kilograms/Cu.Meter
SPVS	SPed Valve Status	IN	
NGAI	K Factor-NEU	1.026	
BHS	Open/Cased Hole	Open	
BSAL	Borehole Salinity	0	Parts/Million
FSAL	Formation Salinity	0	Parts/Million
NBCS	Bitsize/Calp Sel-CNT	Caliper	
NTLS	Tool Type-CNT	CNT-S	
TGRD	Temperature Gradient	0.555	DegC/100Meters
NTMS	Temp Source-CNT	Gradient	
NCOT	Constant Temp-CNT	21.0	DegreesCentigrade
NCOR	Cnt Ch Corr Offset	OFF	
OCOR	Cnt Environ.correction	OFF	
SPTL	Log With SP From	MCS	
SPDD	SP Drift Corr. mV	0	Millivolts
SPBR	SP Bridle Depth Offset	1.60	Meters
SWAN	Sheave Wheel Angle	0.00	Degrees
NCAL	LIS Caliper Name-CNT	X Caliper	
SCAL	Density BH Dia Source	X Caliper	

REMARKS

MAIN PASS 1:240 SCALE

DOLOMITE MATRIX (2870 kg/m3)

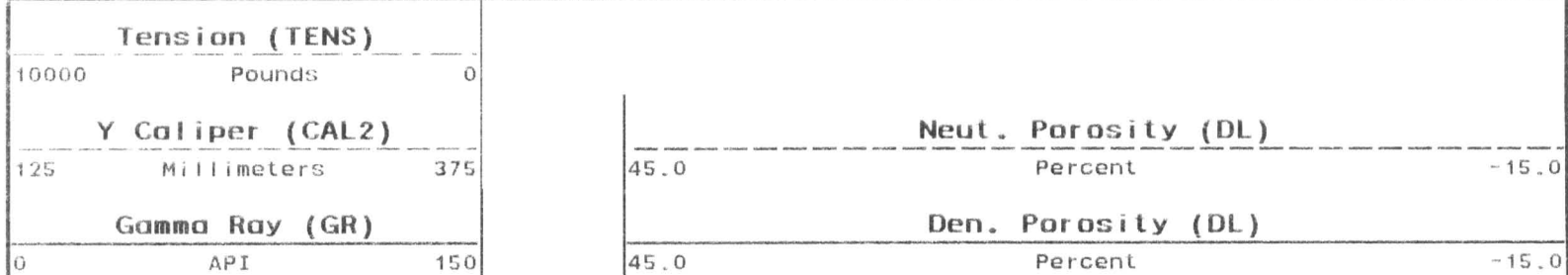
DEPTH SCALE: 1:240

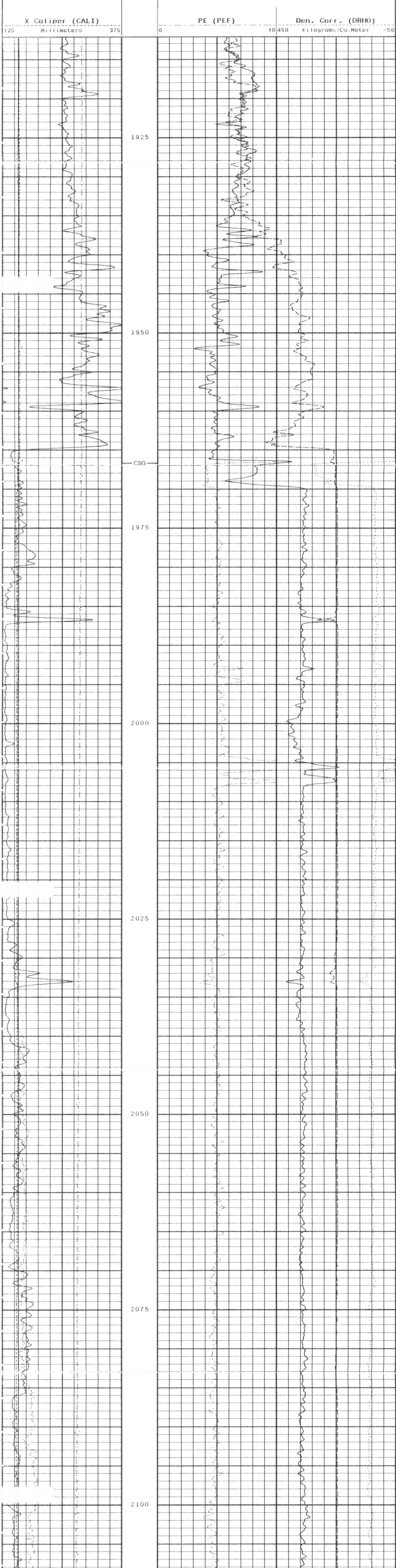
VERSION: 2004.02.11.263

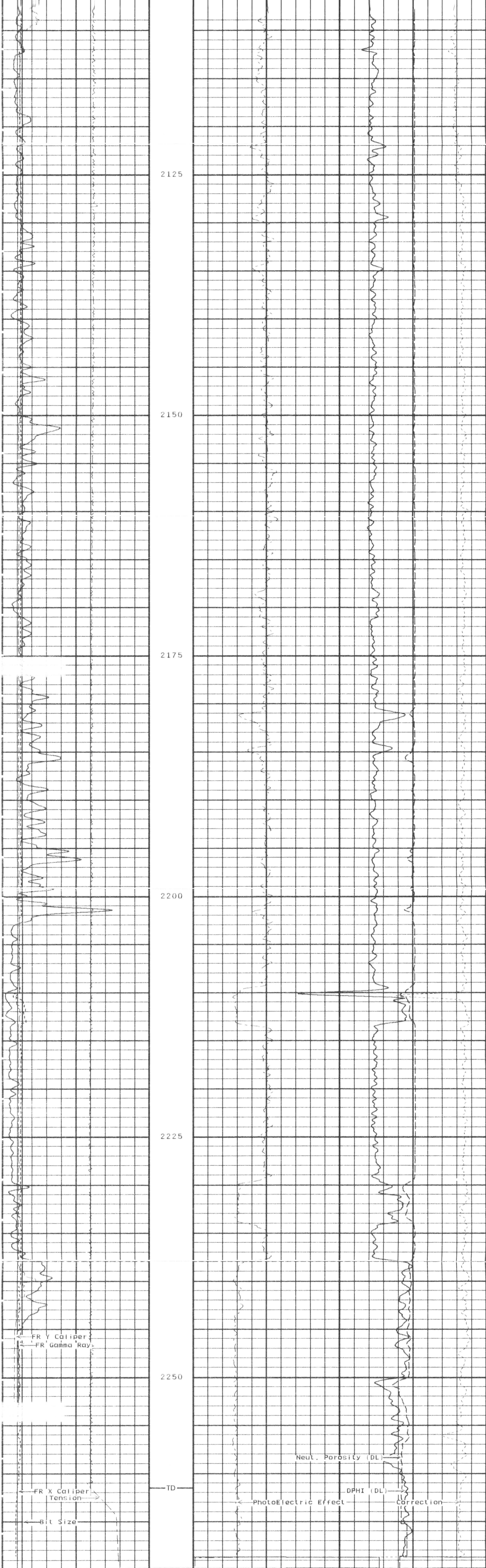
MAIN PASS

30028933 SPD1MP

FINISH DEPTH: 0.0 Meters DIRECTION: UP DATE: TIME: MODE: TRACE PLAYBACK







X Caliper (CALI)		PE (PEF)		Den. Corr. (DRHO)	
125	Millimeters	375	0	10.450	Kilograms/Cu.Meter
Gamma Ray (GR)		Den. Porosity (DL)			
0	API	150	45.0	Percent	-15.0
Y Caliper (CAL2)		Neut. Porosity (DL)			
125	Millimeters	375	45.0	Percent	-15.0
Tension (TENS)					
10000	Pounds	0			

START DEPTH: 2269.9 DIRECTION: UP DATE: 03/17/2004 TIME: 11:38 MODE: TRACE PLAYBACK
30028933 SPD1MP

MAIN PASS
DEPTH SCALE: 1:240
VERSION: 2004.02.11.263

SYSTEM CONSTANTS			
NAME	DESCRIPTION	VALUE	UNITS
TDL	TDL-Logger	2262.50	Meters
CSIZ	Casing Size	177.8	Millimeters
CWEI	Casing Weight	25.30	Kilograms/Meter
BS	Bit Size	155.6	Millimeters
BHT	Bottom Hole Temp	102.0	DegreesCentigrade
SFT	Mean Annual Surf Temp	5.0	DegreesCentigrade
SACC	Accumulation Time	100	Seconds
BARI	Barite Correction	OFF	
MM	Mud Weight	1025.0	Kilograms/Cu.Meter
MDEN	Matrix Density	2710	Kilograms/Cu.Meter
FD	Fluid Density	1000	Kilograms/Cu.Meter
SPVS	SPed Valve Status	IN	
NGAI	K Factor-NEU	1.026	
BHS	Open/Cased Hole	Open	
BSAL	Borehole Salinity	0	Parts/Million
FSAL	Formation Salinity	0	Parts/Million
NBCS	Bitsize/Calp Sel-CNT	Caliper	
NTLS	Tool Type-CNT	CNT-S	

Temp	Temperature	Gradient	0.555	deg/100meters
NTMS	Temp Source-CNT	Gradient	21.0	DegreesCentigrade
NCOT	Constant Temp-CNT		OFF	
NCOR	Cnt Ch Corr Offset		OFF	
OCOR	Cnt Environ.correction		WCS	
SPTL	Log With SP From		0	Millivolts
SPDD	SP Drift Corr. mV		1.60	Meters
SPBR	SP Bridle Depth Offset		0.00	Degrees
SWAN	Sheave Wheel Angle		X Caliper	
NCAL	LIS Caliper Name-CNT		X Caliper	
SCAL	Density BH Dia Source			

REMARKS

HIGH RESOLUTION PASS
LOGGED AT 40 SAMPLES/METRE
1:120 SCALE

DEPTH SCALE: 1:120

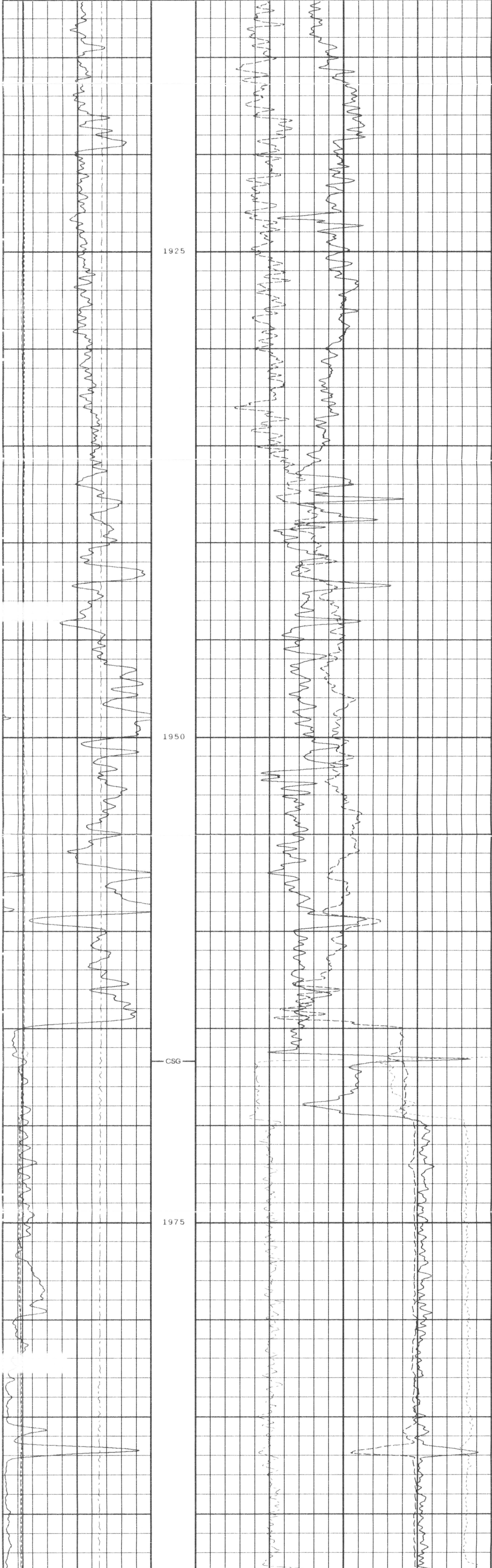
VERSION: 2004.02.11.263

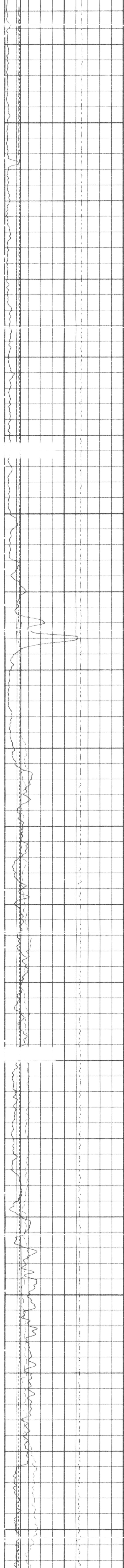
HIGH RESOLUTION PASS

30028933 SPD2HRES

DEPTH: 0.0 Meters DIRECTION: UP DATE: TIME: MODE: TRACE PLAYBACK

Tension (TENS)		Neut. Por. (NPHI)	
10000 Pounds 0		45.0 Percent -15.0	
Y Caliper (CAL2)		Bulk Density (RHOB)	
125 Millimeters 375		1950 Kilograms/Cu.Meter 2950	
Gamma Ray (GR)		PE (PEF)	Den. Corr. (DRHO)
0 API 150		0 10 450 Kilograms/Cu.Meter -50	
X Caliper (CALI)			
125 Millimeters 375			



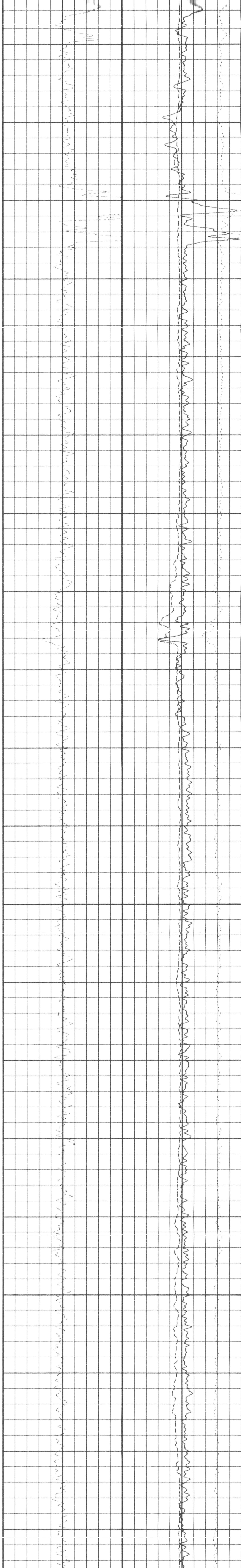


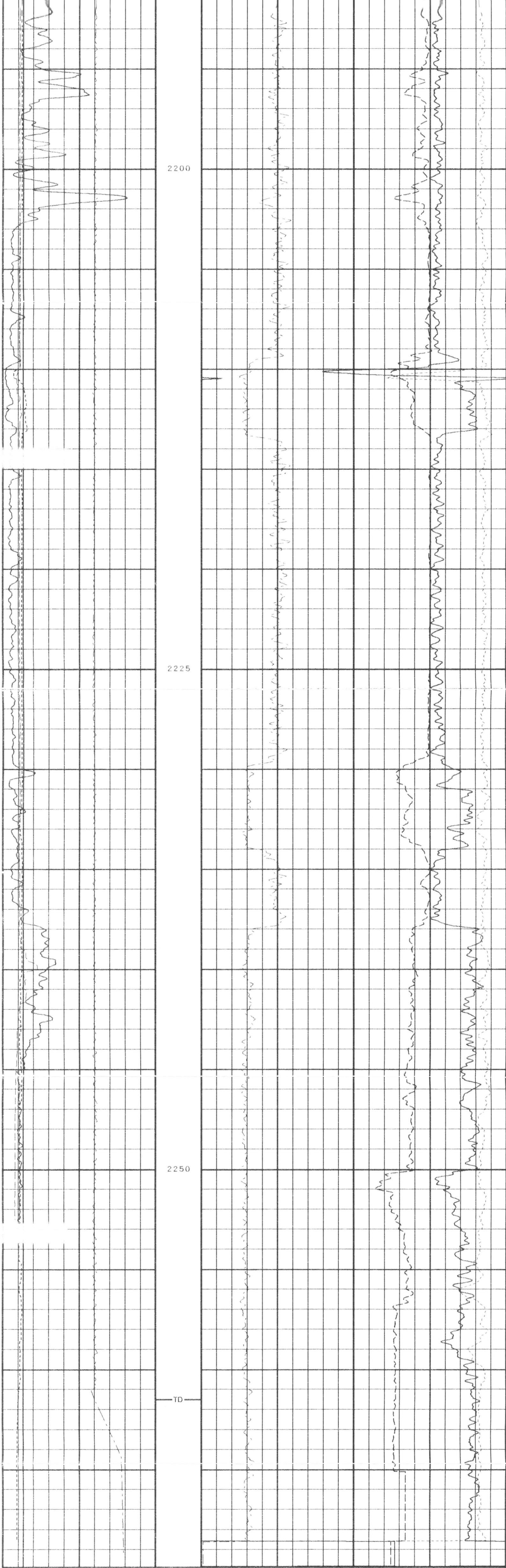
2000

2025

2050

2075



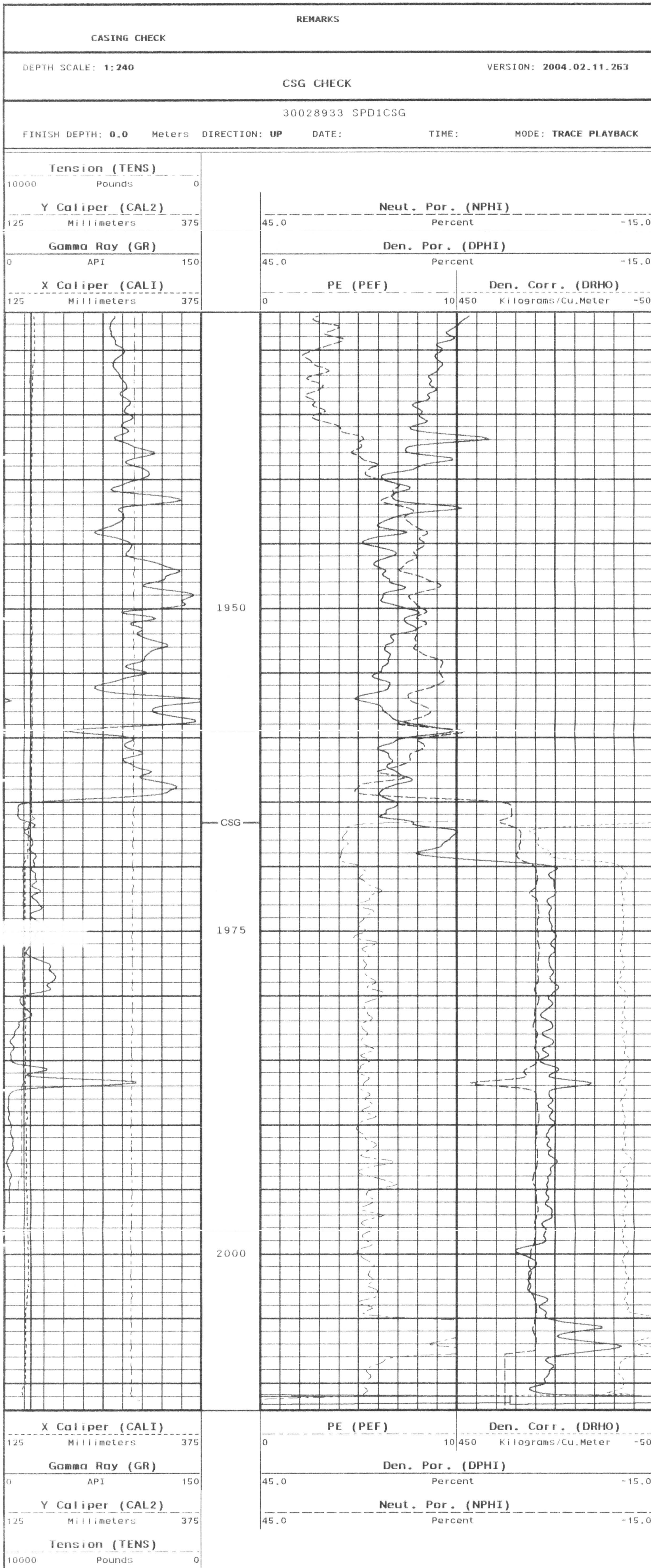


X Caliper (CALI)		PE (PEF)		Den. Corr. (DRHO)	
125	Millimeters	375	0	10.450	Kilograms/Cu.Meter
Gamma Ray (GR)		Bulk Density (RHOB)			
0	API	150	1950	Kilograms/Cu.Meter	2950
Y Caliper (CAL2)		Neut. Por. (NPHI)			
125	Millimeters	375	45.0	Percent	-15.0
Tension (TENS)					
10000	Pounds	0			

START DEPTH: 2269.9 DIRECTION: UP DATE: 03/17/2004 TIME: 11:52 MODE: TRACE PLAYBACK
30028933 SPD2HRES

HIGH RESOLUTION PASS
DEPTH SCALE: 1:120 VERSION: 2004.02.11.263

SYSTEM CONSTANTS			
NAME	DESCRIPTION	VALUE	UNITS
TDL	TD-Logger	2261.50	Meters
CSIZ	Casing Size	177.8	Millimeters
CWEI	Casing Weight	25.30	Kilograms/Meter
BS	Bit Size	155.6	Millimeters
BHT	Bottom Hole Temp	102.0	DegreesCentigrade
SFT	Mean Annual Surf Temp	5.0	DegreesCentigrade
SACC	Accumulation Time	100	Seconds
BARI	Barite Correction	OFF	
MW	Mud Weight	1025.0	Kilograms/Cu.Meter
MDEN	Matrix Density	2710	Kilograms/Cu.Meter
FD	Fluid Density	1000	Kilograms/Cu.Meter
SPVS	SPed Valve Status	IN	
NGAI	K Factor-NEU	1.026	
BHS	Open/Cased Hole	Open	
BSAL	Borehole Salinity	0	Parts/Million
FSAL	Formation Salinity	0	Parts/Million
NBCS	Bitsize/Calp Sel-CNT	Caliper	
NTLS	Tool Type-CNT	CNT-S	
TGRD	Temperature Gradient	0.555	DegC/100Meters
NTMS	Temp Source-CNT	Gradient	
NCOT	Constant Temp-CNT	21.0	DegreesCentigrade
NCOR	Cnt Ch Corr Offset	OFF	
OCOR	Cnt Environ.correction	OFF	
SPTL	Log With SP From	MCS	
SPDD	SP Drift Corr. mV	0	Millivolts
SPBR	SP Bridle Depth Offset	1.60	Meters
SWAN	Sheave Wheel Angle	0.00	Degrees



START DEPTH: 2012.1 DIRECTION: UP DATE: 03/17/2004 TIME: 10:31 MODE: TRACE PLAYBACK
30028933 SPD1CSG

CSG CHECK

DEPTH SCALE: 1:240

VERSION: 2004.02.11.263

SYSTEM CONSTANTS

NAME	DESCRIPTION	VALUE	UNITS
TDL	TD-Logger	2262.50	Meters
CSIZ	Casing Size	177.8	Millimeters
CWEI	Casing Weight	25.30	Kilograms/Meter
BS	Bit Size	155.6	Millimeters
BHT	Bottom Hole Temp	98.0	DegreesCentigrade
SFT	Mean Annual Surf Temp	5.0	DegreesCentigrade
SACC	Accumulation Time	100	Seconds
BARI	Barite Correction	OFF	
MW	Mud Weight	1025.0	Kilograms/Cu.Meter
MDEN	Matrix Density	2710	Kilograms/Cu.Meter
FD	Fluid Density	1000	Kilograms/Cu.Meter
SPVS	SPeD Valve Status	IN	
NGAI	K Factor-NEU	1.026	
BHS	Open/Cased Hole	Open	
BSAL	Borehole Salinity	0	Parts/Million
FSAL	Formation Salinity	0	Parts/Million
NBCS	Bitsize/Calp Sel-CNT	Caliper	
NTLS	Tool Type-CNT	CNT-S	
TGRD	Temperature Gradient	0.555	DegC/100Meters
NTMS	Temp Source-CNT	Gradient	
NCOT	Constant Temp-CNT	21.0	DegreesCentigrade
NCOR	Cnt Ch Corr Offset	OFF	
OCOR	Cnt Environ.correction	OFF	
SPTL	Log With SP From	WCS	
SPDD	SP Drift Corr. mV	0	Millivolts
SPBR	SP Bridle Depth Offset	1.60	Meters
SWAN	Sheave Wheel Angle	0.00	Degrees
NCAL	LIS Caliper Name-CNT	X Caliper	
SCAL	Density BH Diam Source	X Caliper	

03/16/04 07:08 0.0 M Ver 40211263 Job 30028933

Caliper Before Survey Calibration

Tool Type: CAL-FA Serial No: calf166

	Measured		Calibrated	
Small	Large	Units	Small	Large
WCL0	811.7 1448.6	mV	177.8 355.6	mm

03/16/04 07:06 0.0 M Ver 40211263 Job 30028933

Gamma Ray Before Survey Calibration

Tool Type: UGR-JA Serial No: ugrj202
Calibrator No: RA20S-677

Background	Calibrator	Standard	Units
107.8	615.9	140.0	API
Delta Counts Per Sec: 508.1		CPS/API = 3.629	

02/23/04 19:56 0.0 M Ver 40211263 Job shop

Compensated Neutron Shop Calibration

Tool Type: CNT-S Serial No: cnts112
Verifier No: 196 Source No: 5763-NE
Tank Type: NCT-AA

	Low Porosity	Med Porosity	High Porosity	Units
Tank Ratio:	0.713	1.457	2.294	SS/LS
Tank Porosity:	-0.76	10.25	25.73	LM-PU
LS Detector:	1481.5	359.3	147.9	CPS
SS Detector:	1022.8	510.2	340.7	CPS
Tool Ratio:	0.690	1.420	2.303	SS/LS
Tool Porosity:	-0.81	10.25	27.19	LM-PU
Tool Constant: 1.026				
Surface Temperature: 21 DegC				
SS Detector LS Detector Ratio Porosity				
284.0 CPS 172.5 CPS 1.646 14.39				

03/16/04	07:06	0.0 M	Ver 40211263	Job 30028933
Compensated Neutron Before Survey Calibration				
Tool Type: CNT-S		Serial No: cnts112		
Verifier No: 196		Source No: 5763-NE		
LS Detector:	Verifier Check	Units		
	182.5	CPS		
SS Detector:	293.1	CPS		
Tool Ratio:	1.606	SS/LS		
Tool Porosity:	13.59	LM-PU		
Tool Constant:	1.026			

03/17/04	13:39	0.0 M	Ver 40211263	Job 30028933
Compensated Neutron After Survey Calibration				
Tool Type: CNT-S		Serial No: cnts112		
Verifier No: 196		Source No: 5763-NE		
	Verifier Check			
	Before	After	Units	
LS Detector:	182.5	181.5	CPS	
SS Detector:	293.1	293.7	CPS	
Tool Ratio:	1.606	1.618	SS/LS	
Tool Porosity:	13.59	13.82	LM-PU	
Tool Constant:	1.026			

02/23/04	19:06	0.0 M	Ver 40211263	Job SHOP
Spectral Pe Density Shop Calibration				
Tool Type: SPS-AB		Sonde No: SPSB134		
Firmware Ver: 0		Electronics No: SPCB134		
Aluminum Blk No: ALBA109		Source No: 1904-GM		
		Magnesium Blk No: MGBA109		
	BK9	Al	Al+Fe	Mg Units
Cs Pk	109.79	110.51	110.39	110.04 Ch
Gain	0.166	0.167	0.167	0.166 Ch/Kev
Tng Pk	11.43			
Off	-0.015			
Res	9.62	9.54	9.59	9.69 %
LLPE	173	1450	989	9644 cps
LUPE	93	1101	878	6704 cps
LSUC	551	1021	941	5866 cps
LCMP	1112	3981	3593	23276 cps
Cs Pk	110.01	109.90	110.76	109.97 Ch
Gain	0.167	0.166	0.168	0.166 Ch/Kev
Tng Pk	11.26			
Off	-0.231			
Res	9.46	9.70	9.52	9.96 %
SLPE	167	2288	1599	3482 cps
SUPE	87	1698	1297	2485 cps
SSUC	489	4102	3722	5773 cps
SCMP	1028	9926	8798	14701 cps
Acc	250	250	250	250 Secs
Density Calibration				
Spine Angle =		Fresh	Barite	
Spine Length =		77.46	78.94	
		199.56	196.52	
Pe Calibration				
LS Slope =		Fresh	Barite	
LS Intercept =		1.7312	0.3889	
		-0.2669	-0.1886	

03/16/04	07:06	0.0 M	Ver 40211263	Job 30028933
Spectral Pe Density Before Survey Tool Check				
Tool Type: SPS-AB		Sonde No: SPSB134		
Firmware Ver: 0		Electronics No: SPCB134		
Aluminum Blk No: ALBA109		Source No: 1904-GM		
		Magnesium Blk No: MGBA109		
	Shop	Before		Units
Cs Pk	109.79	111.04		Ch
Gain	0.166	0.168		Ch/Kev
Tng Pk	11.43	11.42		Ch
Off	-0.015	-0.168		Ch
Res	9.62	9.32		%
LLPE	173	173		
LUPE	93	92		
LSUC	551	559		
LCMP	1112	1122		
Cs Pk	110.01	110.90		Ch
Gain	0.167	0.168		Ch/Kev
Tng Pk	11.26	11.18		Ch
Off	-0.231	-0.201		Ch
Res	9.46	9.25		%
SLPE	167	166		
SUPE	87	87		
SSUC	489	497		
SCMP	1028	1038		
Acc	250	100		Secs

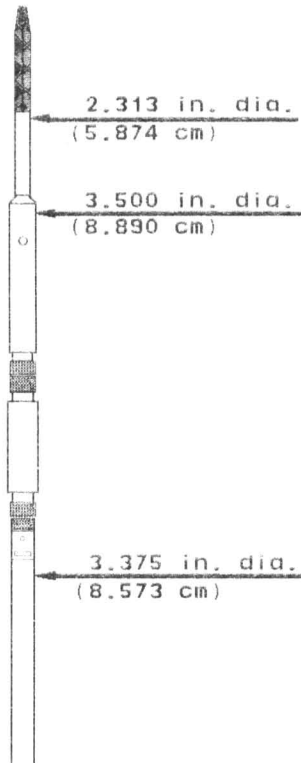
03/17/04	13:39	0.0 M	Ver 40211263	Job 30028933
Spectral Pe Density After Survey Tool Check				
Tool Type: SPS-AB		Sonde No: SPSB134		
Firmware Ver: 0		Electronics No: SPCB134		
Aluminum Blk No: ALBA109		Source No: 1904-GM		
		Magnesium Blk No: MGBA109		
	Shop	Before	After	Units
Cs Pk	109.79	111.04	110.66	Ch
Gain	0.166	0.168	0.167	Ch/Kev
Tng Pk	11.43	11.42	11.64	Ch
Off	-0.015	-0.168	0.122	Ch
Res	9.62	9.32	9.73	%
LLPE	173	173	173	cps
LUPE	93	92	94	cps
LSUC	551	559	556	cps
LCMP	1112	1122	1115	cps
Cs Pk	110.01	110.90	111.27	Ch
Gain	0.167	0.168	0.168	Ch/Kev
Tng Pk	11.26	11.18	11.49	Ch
Off	-0.231	-0.201	-0.124	Ch
Res	9.46	9.25	9.67	%
SLPE	167	166	167	cps
SUPE	87	87	87	cps
SSUC	489	497	493	cps
SCMP	1028	1038	1035	cps
Acc	250	100	100	Secs

03/16/04	07:08	0.0 M	Ver 40211263	Job 30028933
Caliper Before Survey Calibration				
Tool Type: SPD-CL		Serial No: spsb134		
	Measured		Calibrated	
	Small Large Units		Small Large Units	
MCL2	2241.5 3580.6	mm	177.8 355.6	mm

O.H. Adaptor Head	
Weight	18.0 kg
Length	0.74 m
Max. Diameter	8.9 cm
Total Stack Weight 597.5 kg in air	
Total Stack Length 21.28 m	

Crossover	
Weight	6.8 kg
Length	0.27 m

Wireline Communications Cartridge	
Weight	53.6 kg
Length	2.31 m
Max. Diameter	8.6 cm



2-Arm Caliper

Weight 79.4 kg
Length 2.40 m
Max. Diameter 10.2 cm

Universal GR

Weight 37.3 kg
Length 1.40 m
Max. Diameter 8.6 cm

SPeD 400 Electronics

Weight 56.7 kg
Length 2.92 m
Max. Diameter 8.6 cm

Mandrel Neutron

Weight 45.4 kg
Length 2.07 m
Max. Diameter 8.6 cm

SPeD 400 Pad Section

Weight 141.5 kg
Length 3.38 m
Max. Diameter 11.4 cm

Caliper 16.03 m

GR 15.8 m

LLD/LLS 11.3 m

LS cps
PHIN 4.13 m
SS cps

Caliper 0.66 m

Tool Zero

3.500 in. dia.
(8.900 cm)

4.00 in. dia.
(10.16 cm)

3.375 in. dia.
(8.573 cm)

3.500 in. dia.
(8.890 cm)

3.375 in. dia.
(8.573 cm)

3.375 in. dia.
(8.573 cm)

3.67 in. dia.
(9.32 cm)

4.19 in. dia.
(10.64 cm)

LS cps/PE

PHID 0.68 m

SS cps/PE

COMPANY ANADARKO CANADA CORPORATION

WELL ANADARKO EMILE LAKE A-77

FIELD NETLA PROVINCE N.W.T.

PRECISION

Wireline Technologies

