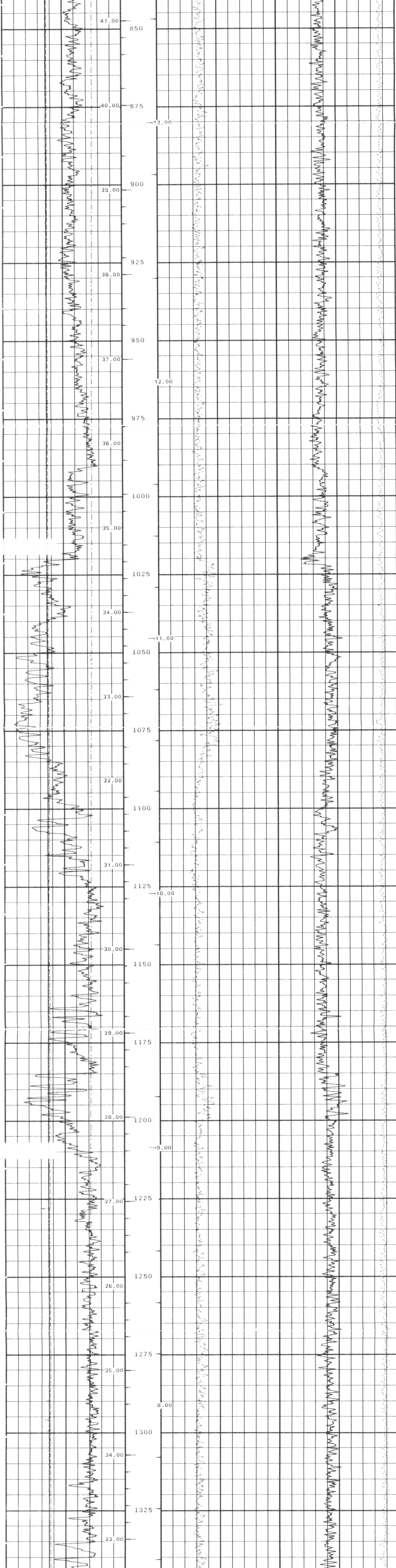
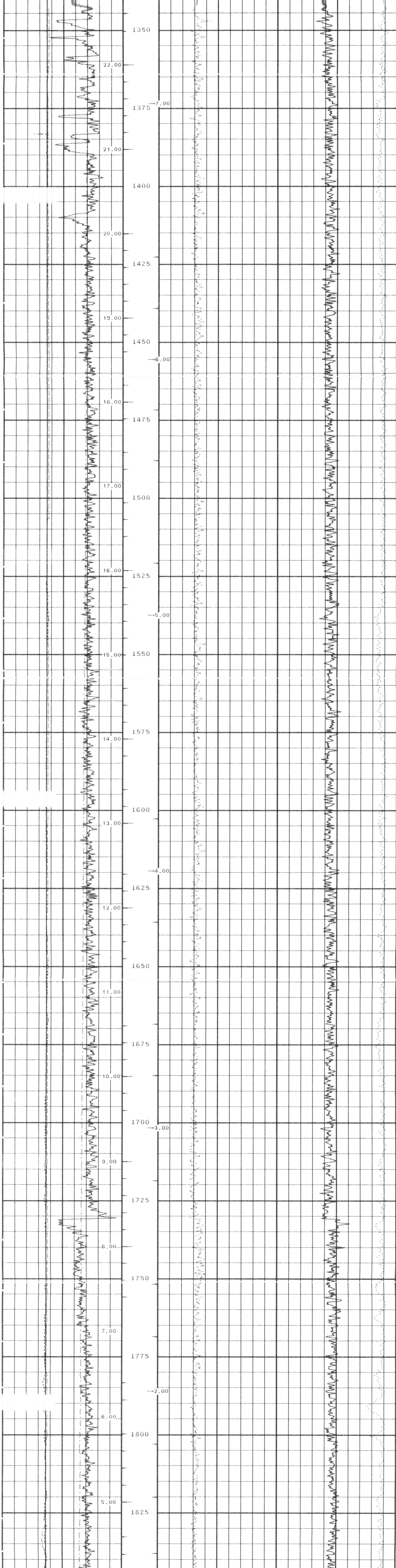
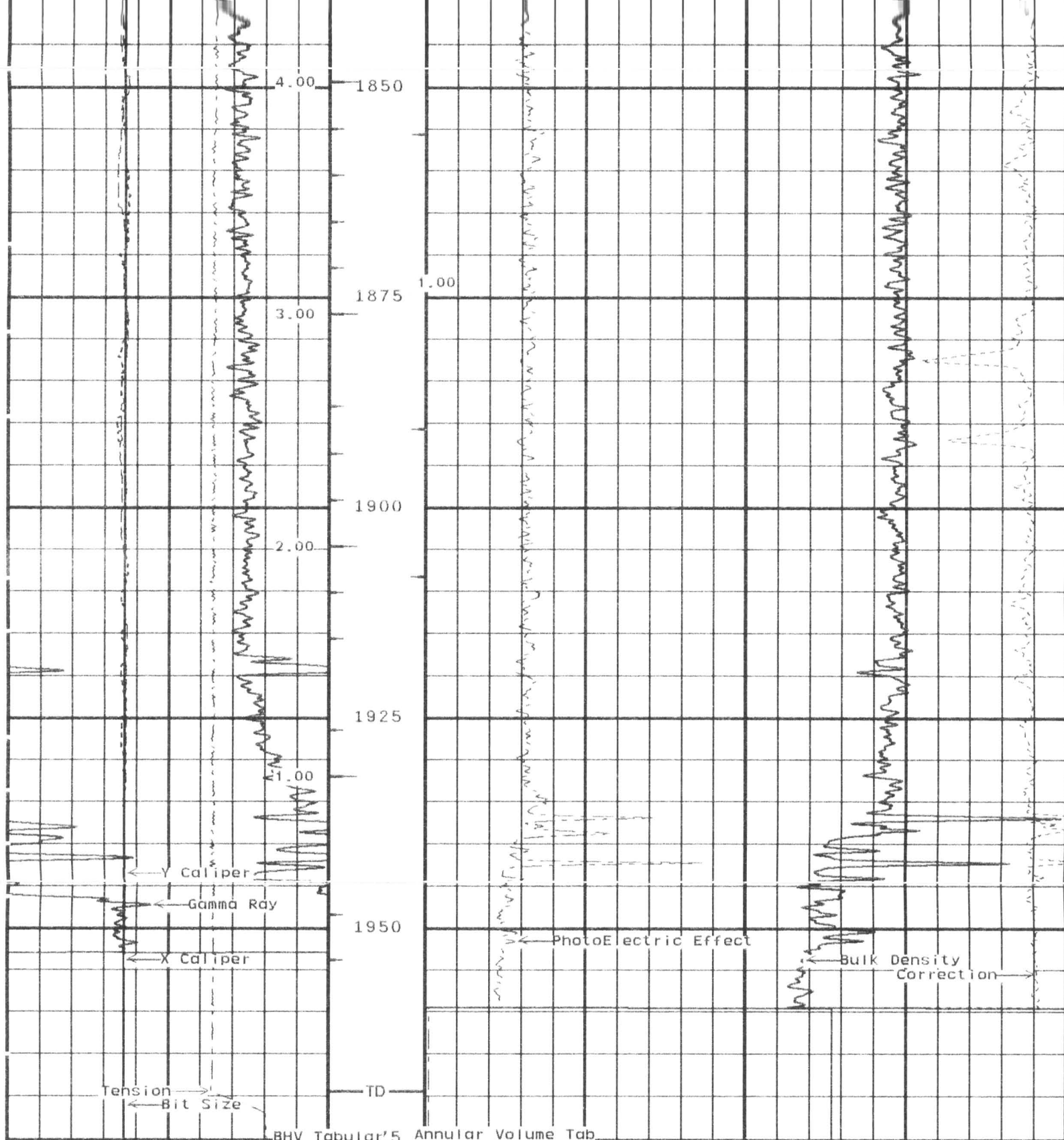








X Caliper (CALI)		Borehole		PE (PEF)		Den. Corr. (DRHO)	
Millimeters		375 0.0 0.7 0				10 450 Kilograms/Cu.Meter	
Gamma Ray (GR)		Annular		Bulk Density (RHOB)			
API		0.7 0.0 1950		Kilograms/Cu.Meter		2950	
Y Caliper (CAL2)							
Millimeters		125 375					
Tension (TENS)							
Pounds		10000 0					

START DEPTH: 1975.6 DIRECTION: UP DATE: 03/12/2004 TIME:03:29 MODE: TRACE PLAYBACK
BHV CASING SIZE: 177.80 Millimeters CALIPERS: CALI,CAL2,None
30017937 STIMP1

MAIN PASS
DEPTH SCALE: 1:600 VERSION: 2004.02.11.263

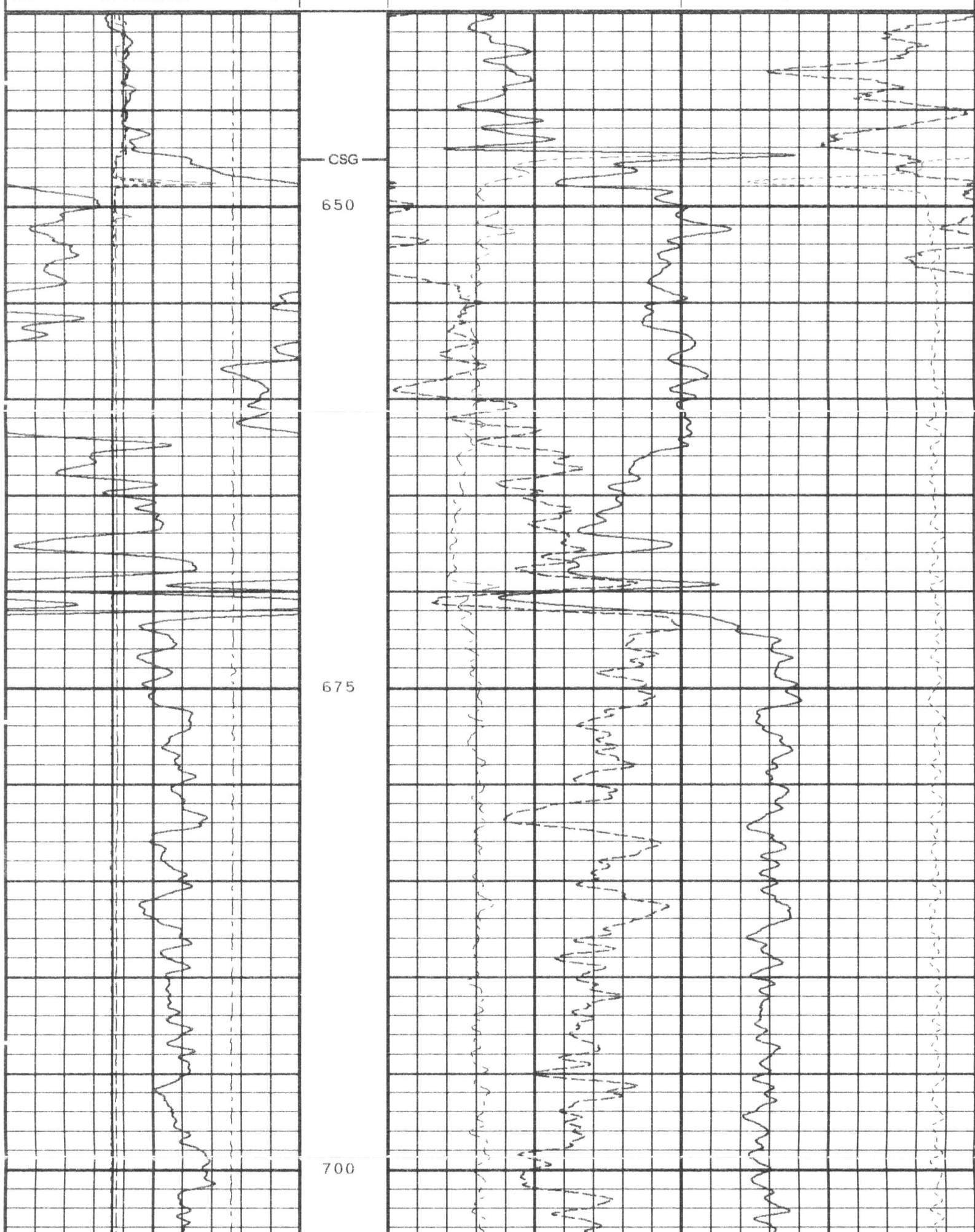
SYSTEM CONSTANTS			
NAME	DESCRIPTION	VALUE	UNITS
TDI	TD-logger	1969.40	Meters
CSIZ	Casing Size	244.5	Millimeters
CWEI	Casing Weight	59.52	Kilograms/Meter
BS	Bit Size	215.9	Millimeters
BHT	Bottom Hole Temp	80.0	DegreesCentigrade
SFT	Mean Annual Surf Temp	5.0	DegreesCentigrade
SPDD	SP Drift Corr. mV	0	Millivolts
SPBR	SP Bridle Depth Offset	0.00	Meters
SPTL	Log With SP From	STI	
STIB	STI SFL Chassis Return	ON	
STI4	STI 4 Level Average	OFF	
STIS	STI SFL Log Mode On	ON	
SACC	Accumulation Time	100	Seconds
BARI	Barite Correction	OFF	
MW	Mud Weight	950.0	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	1.000	
BHS	Open/Cased Hole	Open	
BSAL	Borehole Salinity	0	Parts/Million
FSAL	Formation Salinity	0	Parts/Million
NBCL	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	
SWAN	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	CAL2	
BHC3	BHV Caliper Source 3	None	
BDC1	BHV Diff Cal Source	CALI	
BHC6	BHV Method	Standard BHV	

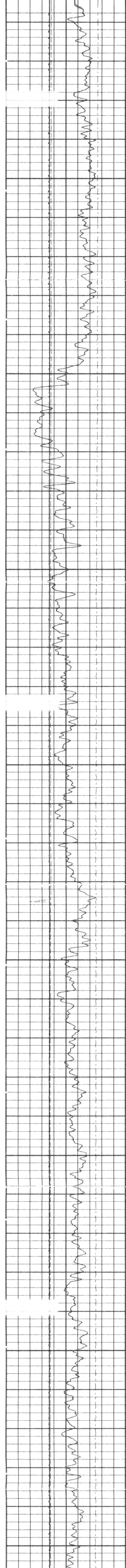
REMARKS
MAIN PASS
1:240 SCALE
LIMESTONE MATRIX (2710 Kg/m3)

DEPTH SCALE: 1:240 VERSION: 2004.02.11.263
MAIN PASS

30017937 STIMP1
FINISH DEPTH: 0.0 Meters DIRECTION: UP DATE: TIME: MODE: TRACE PLAYBACK

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





725

750

775

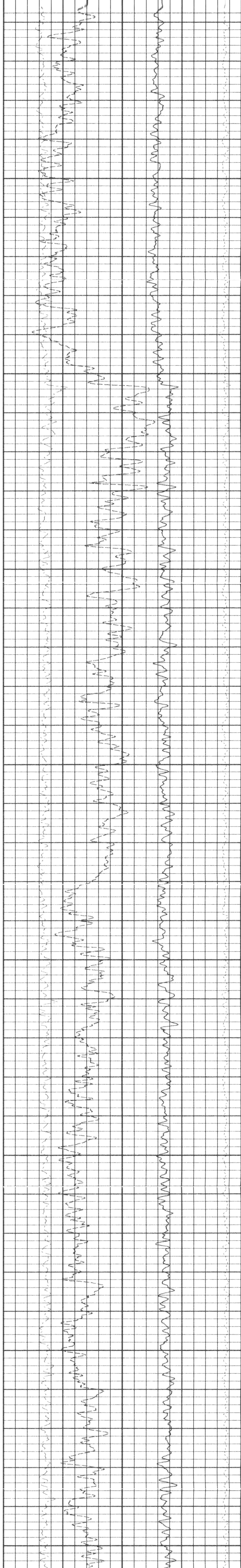
800

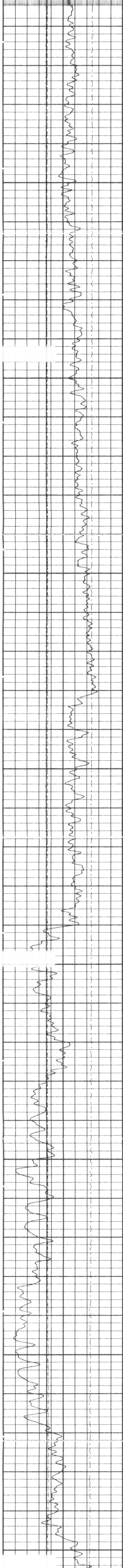
825

850

875

900





925

950

975

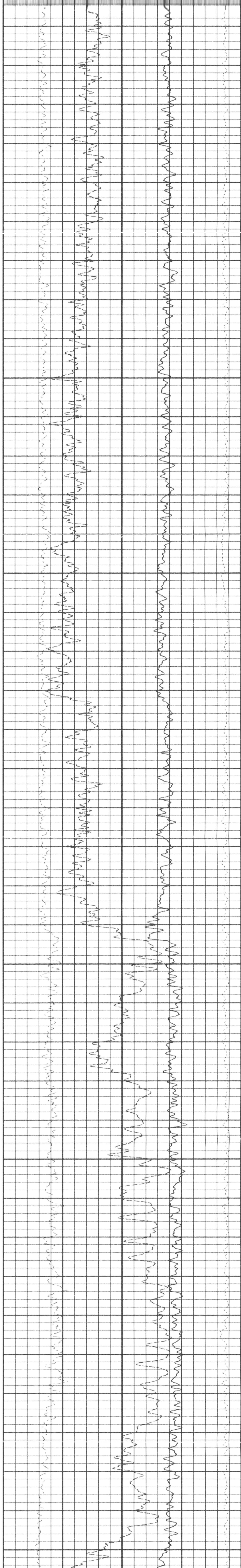
1000

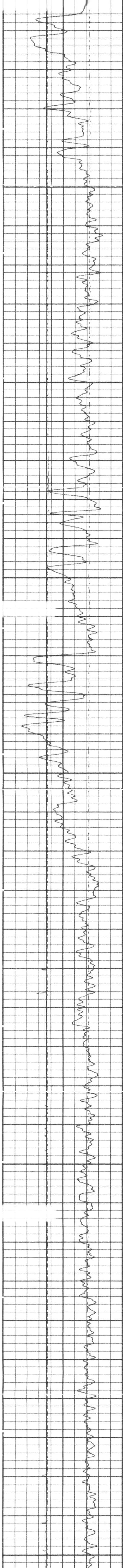
1025

1050

1075

1100





1125

1150

1175

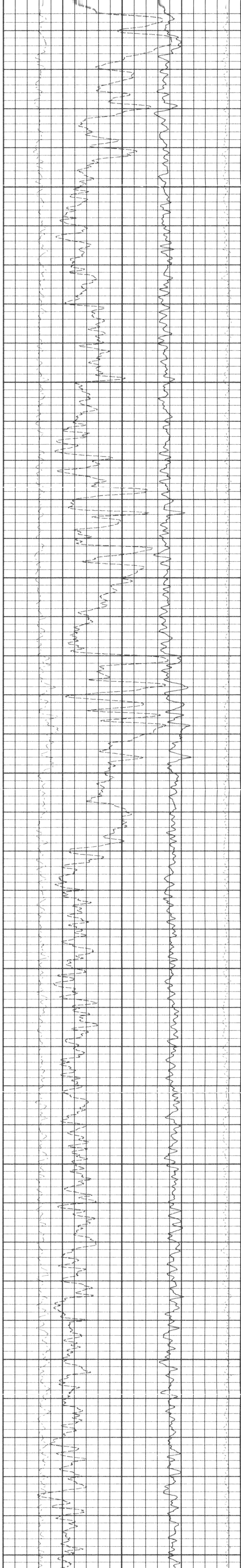
1200

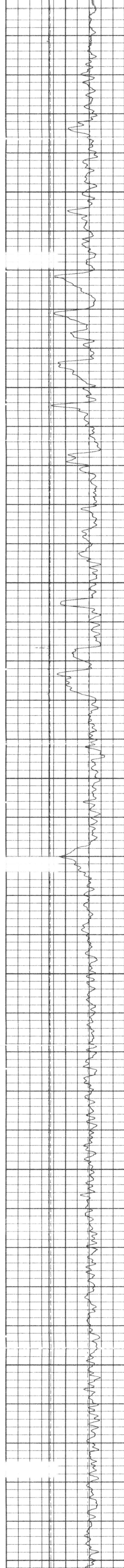
1225

1250

1275

1300





1325

1350

1375

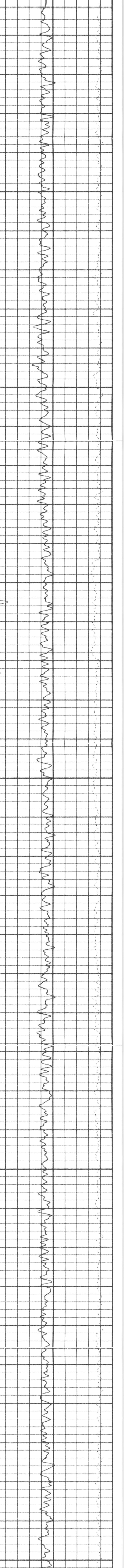
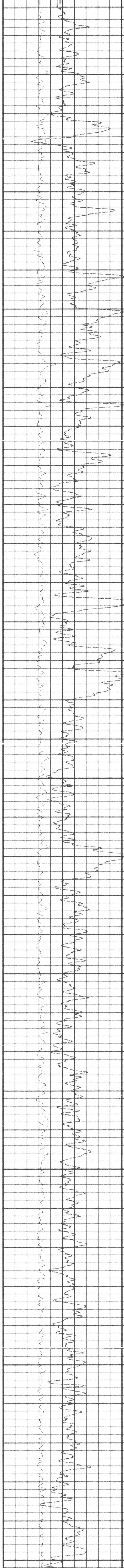
1400

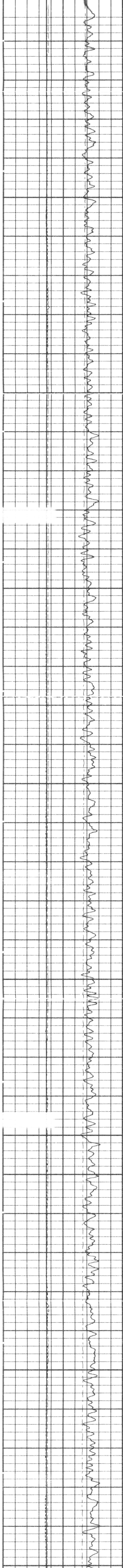
1425

1450

1475

1500





1525

1550

1575

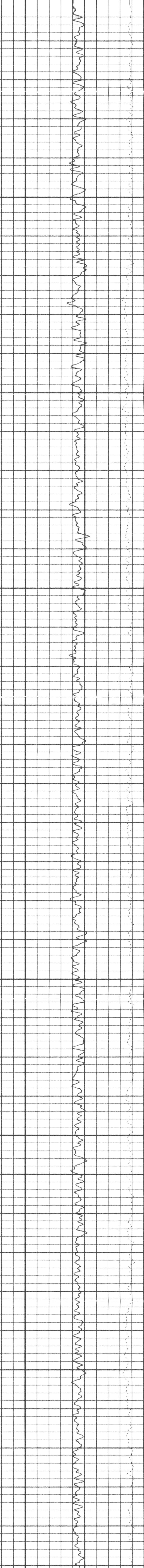
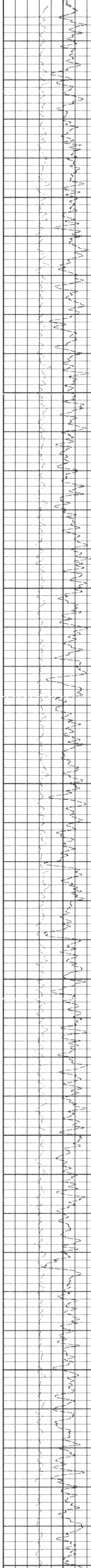
1600

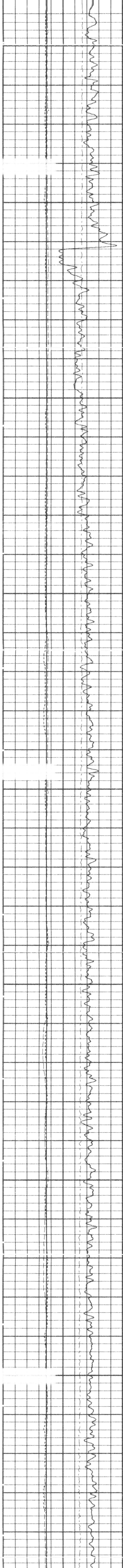
1625

1650

1675

1700





1725

1750

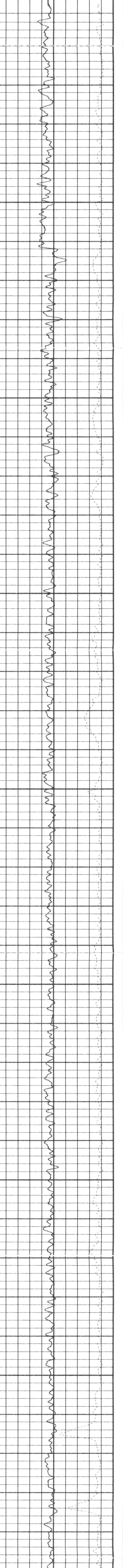
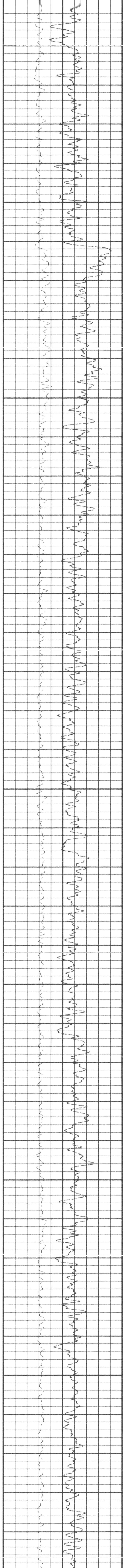
1775

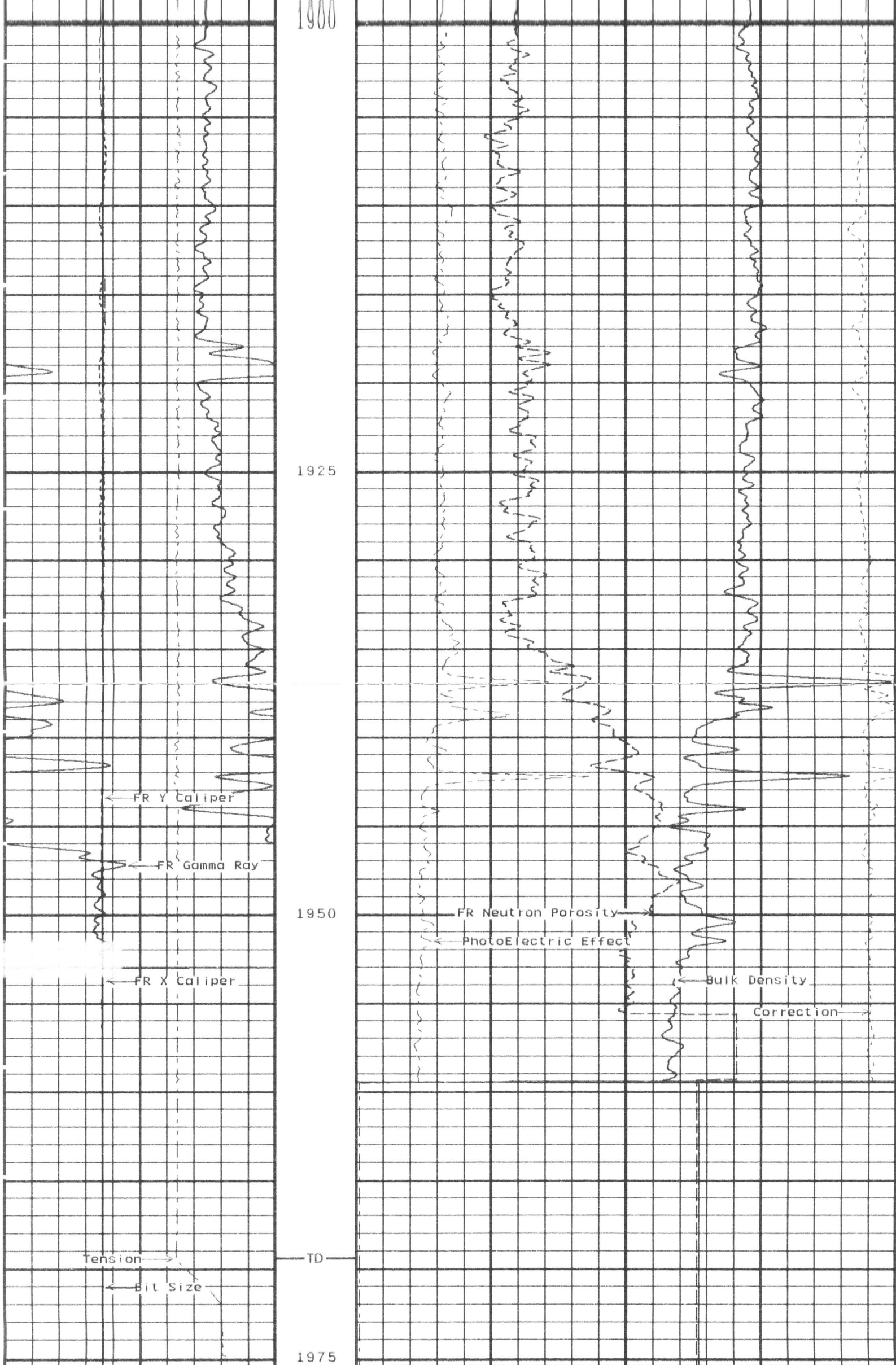
1800

1825

1850

1875





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: 1975.6 DIRECTION: UP DATE: 03/12/2004 TIME: 03:29 MODE: TRACE PLAYBACK
30017937 STIMP1

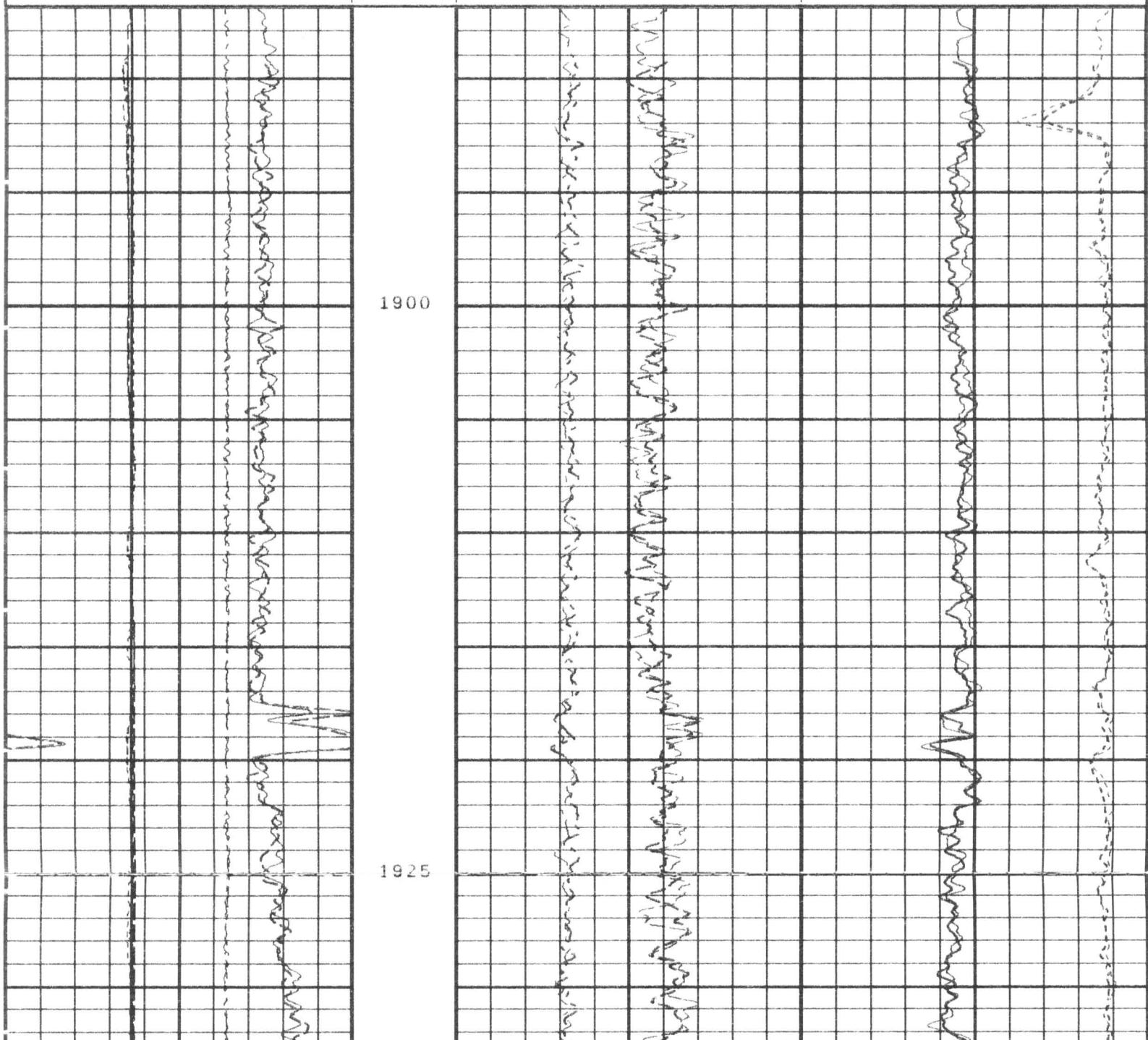
MAIN PASS
DEPTH SCALE: 1:240 VERSION: 2004.02.11.263

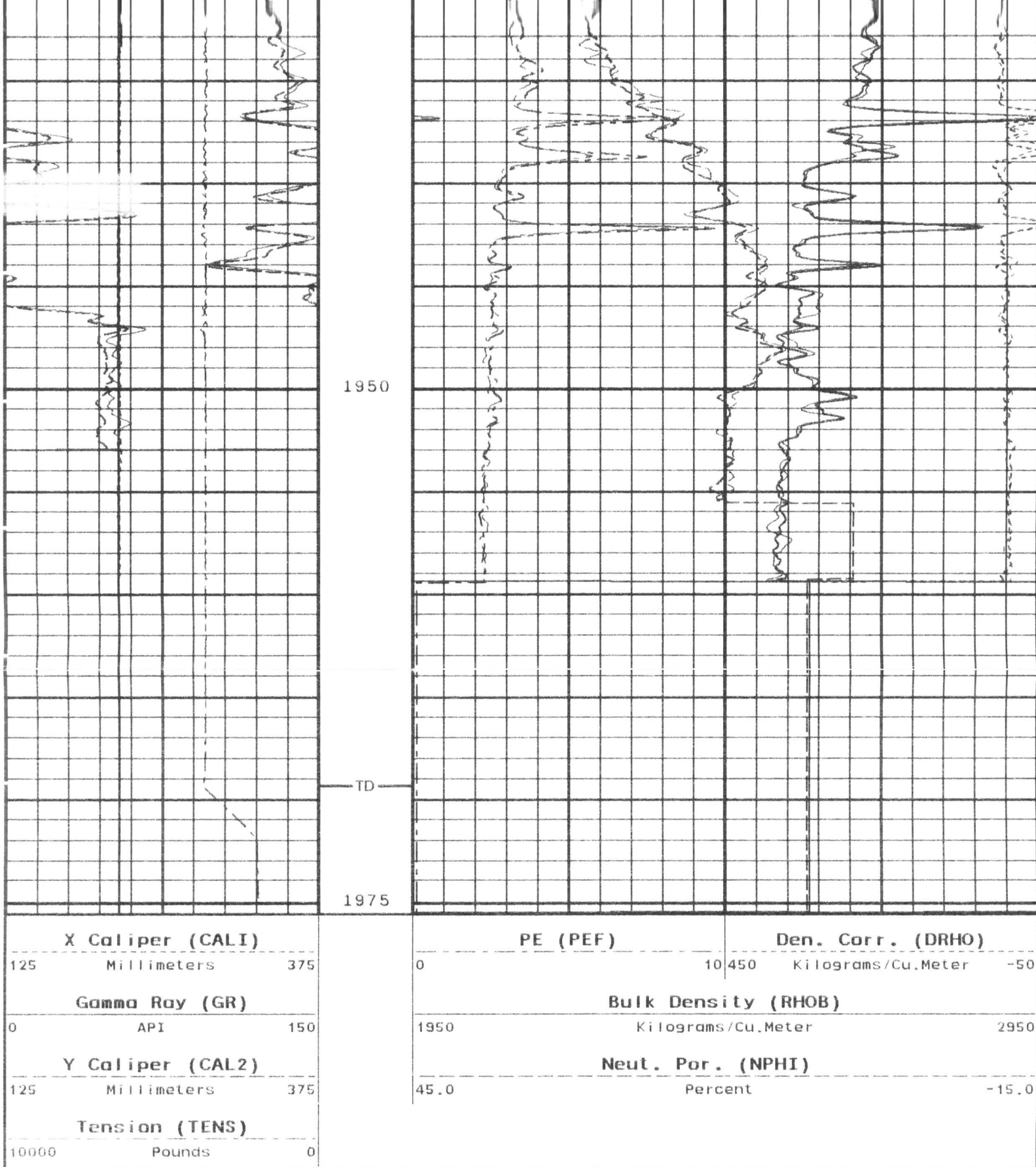
SYSTEM CONSTANTS			
NAME	DESCRIPTION	VALUE	UNITS
TDL	TD-Logger	1969.40	Meters
CSIZ	Casing Size	244.5	Millimeters
CWEI	Casing Weight	59.52	Kilograms/Meter
BS	Bit Size	215.9	Millimeters
BHT	Bottom Hole Temp	80.0	DegreesCentigrade
SFT	Mean Annual Surf Temp	5.0	DegreesCentigrade
SPDD	SP Drift Corr. mV	0	Millivolts
SPBR	SP Bridle Depth Offset	0.00	Meters
SPTL	Log With SP From	STI	
STIB	STI SFL Chassis Return	ON	
STI4	STI 4 Level Average	OFF	
STIS	STI SFL Log Mode On	ON	
SACC	Accumulation Time	100	Seconds
BARI	Barite Correction	OFF	
MM	Mud Weight	950.0	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	1.000	
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
NTWS	Temp Source-CNT	Gradient	
NCOT	Constant Temp-CNT	21.0	DegreesCentigrade
NCOR	Cnt Ch Corr Offset	OFF	
OCOR	Cnt Environ.correction	OFF	
SWAN	Sheave Wheel Angle	0.00	Degrees
NCAL	LIS Caliper Name-CNT	X Caliper	
SCAL	Density BH Diam Source	X Caliper	

REMARKS
REPEAT PASS/MAIN PASS OVERLAY
1:240 SCALE
LIMESTONE MATRIX (2710 Kg/m3)
MAIN PASS = LIGHT LINES
REPEAT PASS = MEDIUM LINES

DEPTH SCALE: 1:240 VERSION: 2004.02.11.263

30017937					
FINISH DEPTH: 1889.4 Meters DIRECTION: UP DATE: 03/12/2004 TIME: 02:09 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	125	Millimeters	375
X Caliper (CALI)					
125	Millimeters	375	0	10.450	Kilograms/Cu.Meter





START DEPTH: 1975.6 DIRECTION: UP DATE: 03/12/2004 TIME:02:09 MODE: TRACE PLAYBACK

DEPTH SCALE: 1:240 VERSION: 2004.02.11.263

SYSTEM CONSTANTS			
NAME	DESCRIPTION	VALUE	UNITS
TDL	TD-Logger	1969.40	Meters
CSIZ	Casing Size	244.5	Millimeters
CNEI	Casing Weight	59.52	Kilograms/Meter
BS	Bit Size	215.9	Millimeters
BHT	Bottom Hole Temp	74.0	DegreesCentigrade
SFT	Mean Annual Surf Temp	5.0	DegreesCentigrade
SPDD	SP Drift Corr. mV	0	Millivolts
SPBR	SP Bridle Depth Offset	0.00	Meters
SPTL	Log With SP From	STI	
STIB	STI SFL Chassis Return	ON	
STI4	STI 4 Level Average	OFF	
STIS	STI SFL Log Made On	ON	
SACC	Accumulation Time	100	Seconds
BARI	Barite Correction	OFF	
MM	Mud Weight	950.0	Kilograms/Cu.Meter
MDEN	Matrix Density	2710	Kilograms/Cu.Meter
FD	Fluid Density	1000	Kilograms/Cu.Meter
SPVS	SPeD Valve Status	OUT	
NGAI	K Factor-NEU	1.000	
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	
SMAN	Sheave Wheel Angle	0.00	Degrees
NCAL	LIS Caliper Name-CNT	X Caliper	
SCAL	Density BH Diam Source	X Caliper	

REMARKS

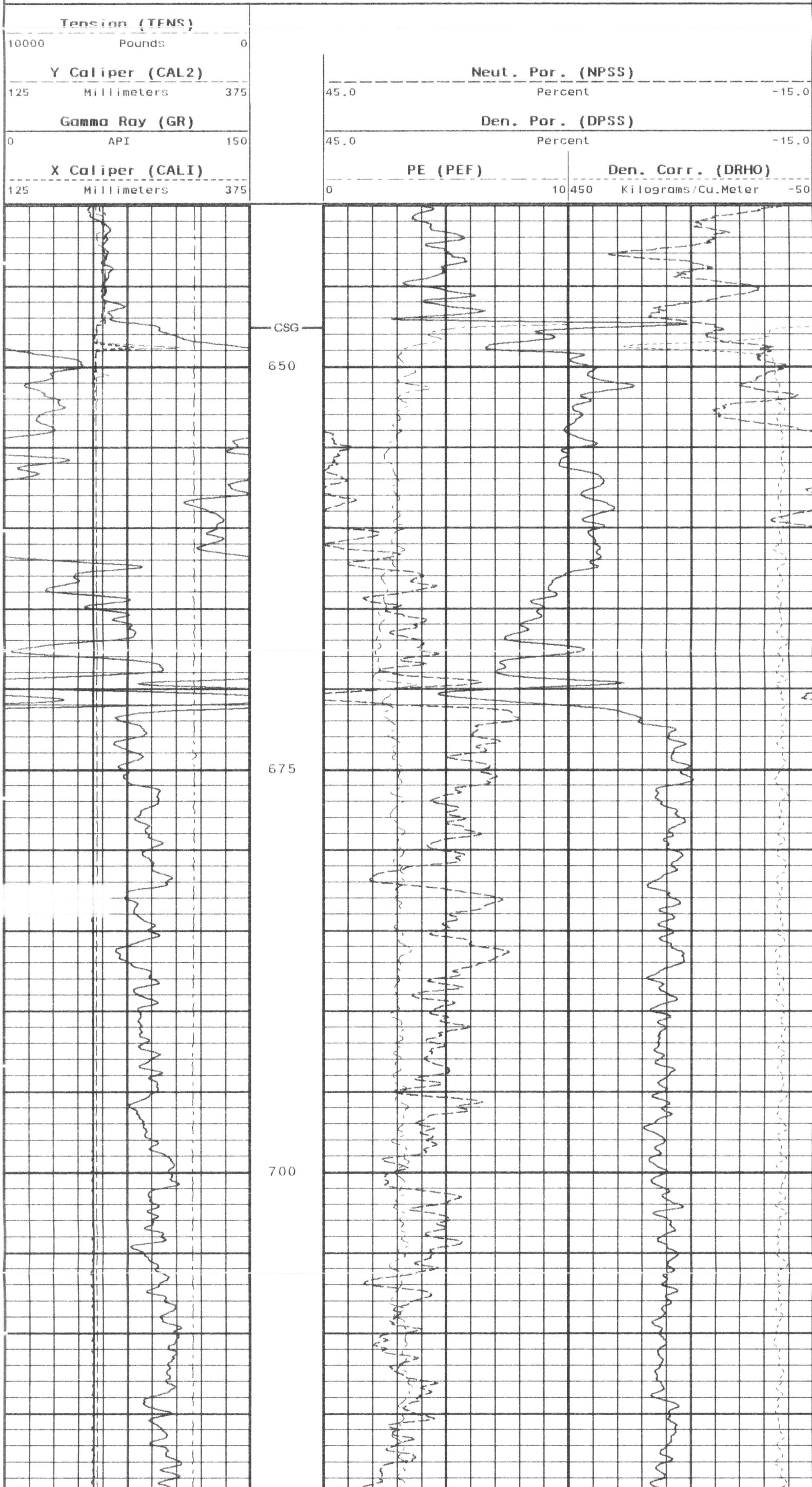
MAIN PASS
1:240 SCALE
SANDSTONE MATRIX (2650 Kg/m3)

DEPTH SCALE: 1:240 VERSION: 2004.02.11.263

MAIN PASS

30017937 STIMP1

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



725

750

775

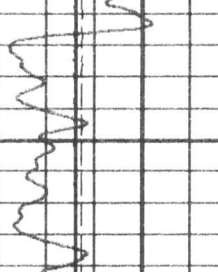
800

825

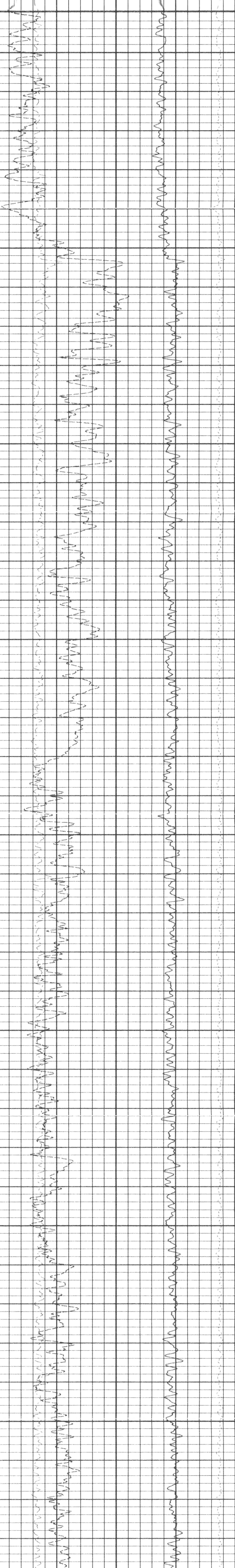
850

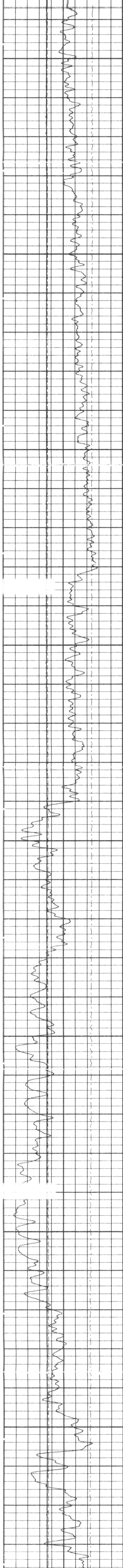
875

900



100





925

950

975

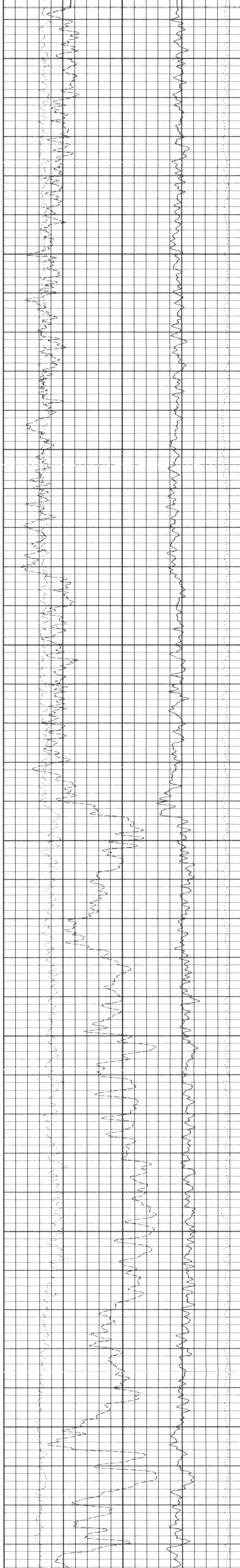
1000

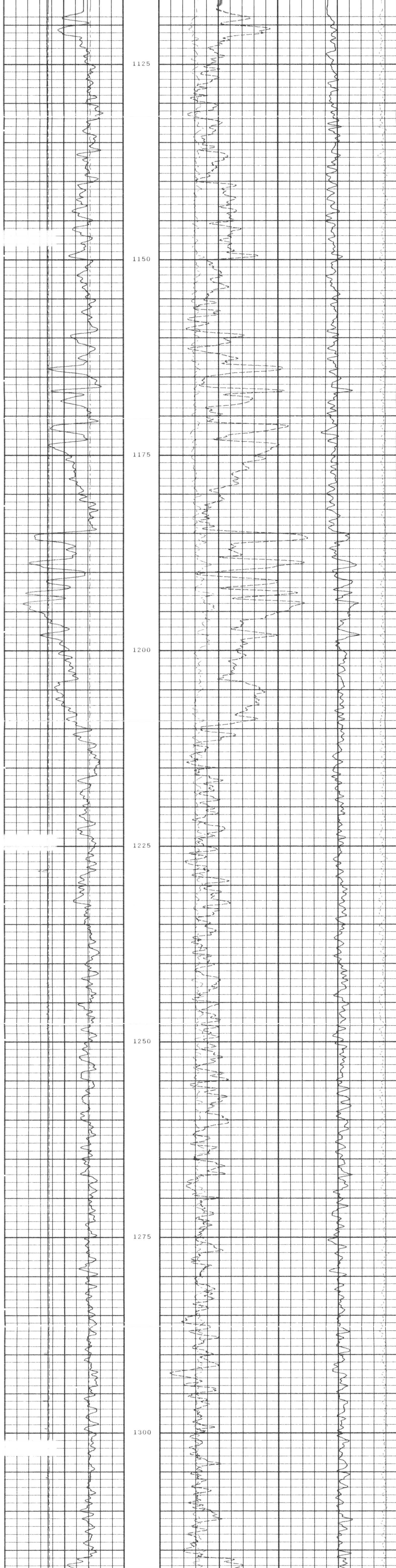
1025

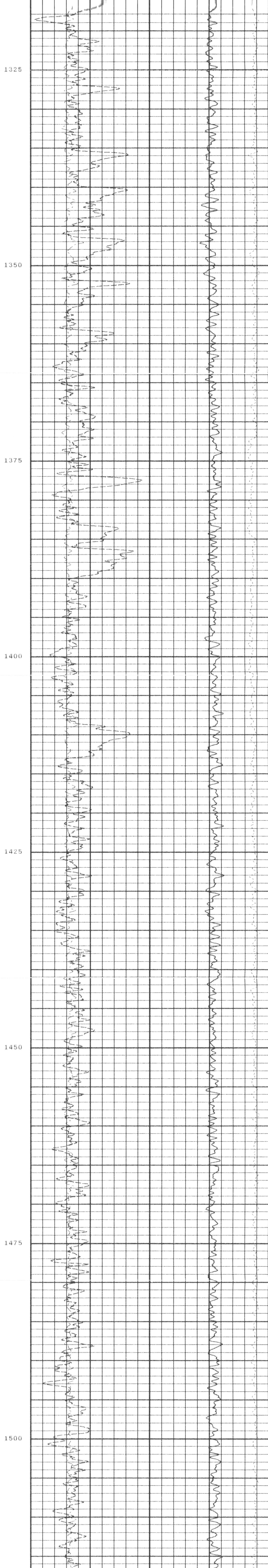
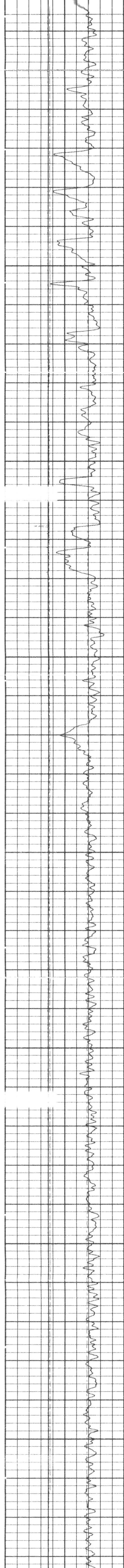
1050

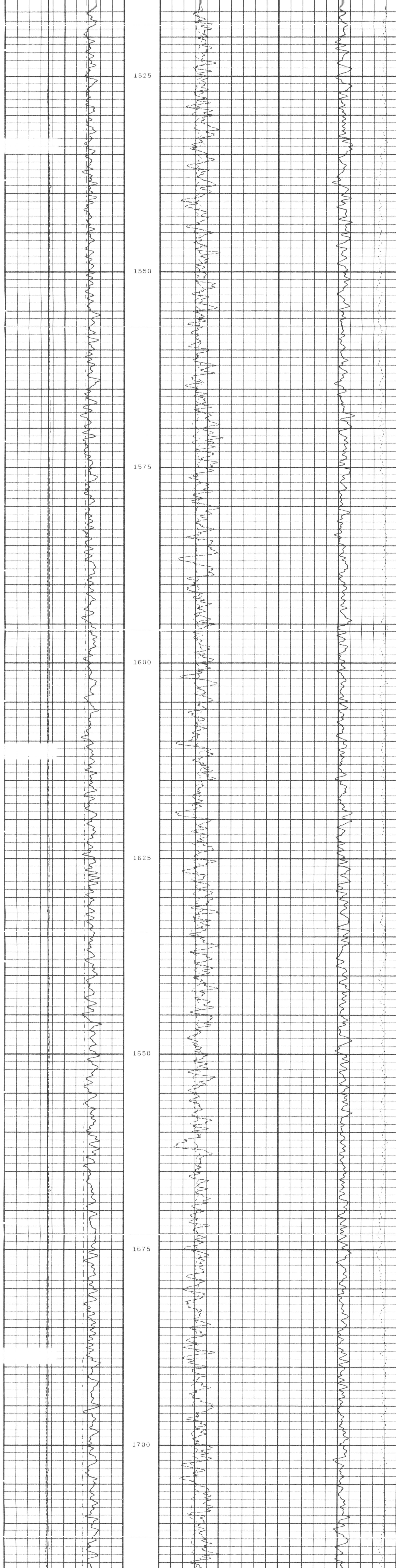
1075

1100









1725

1750

1775

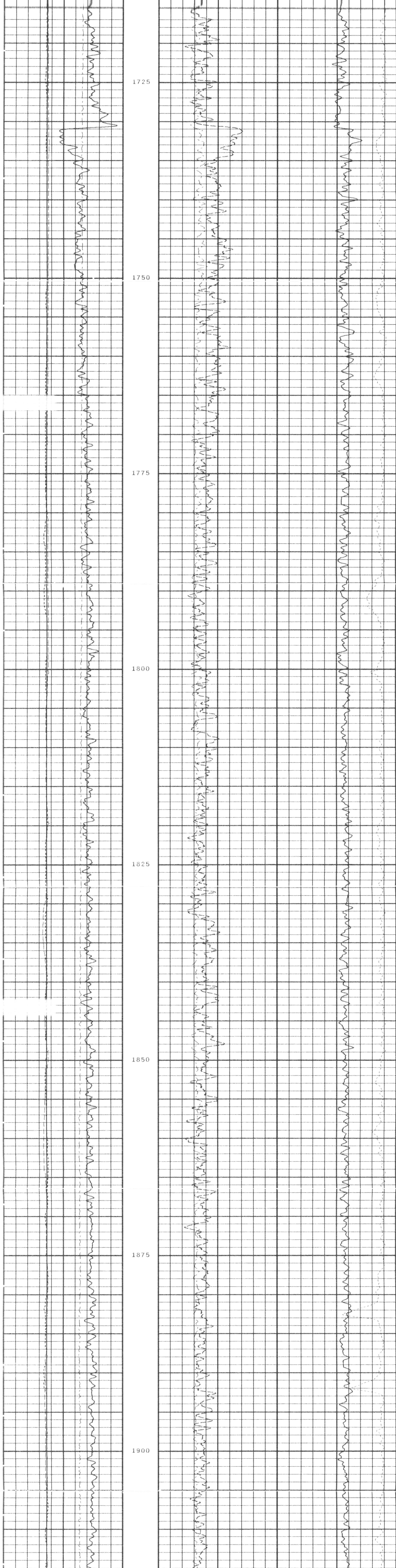
1800

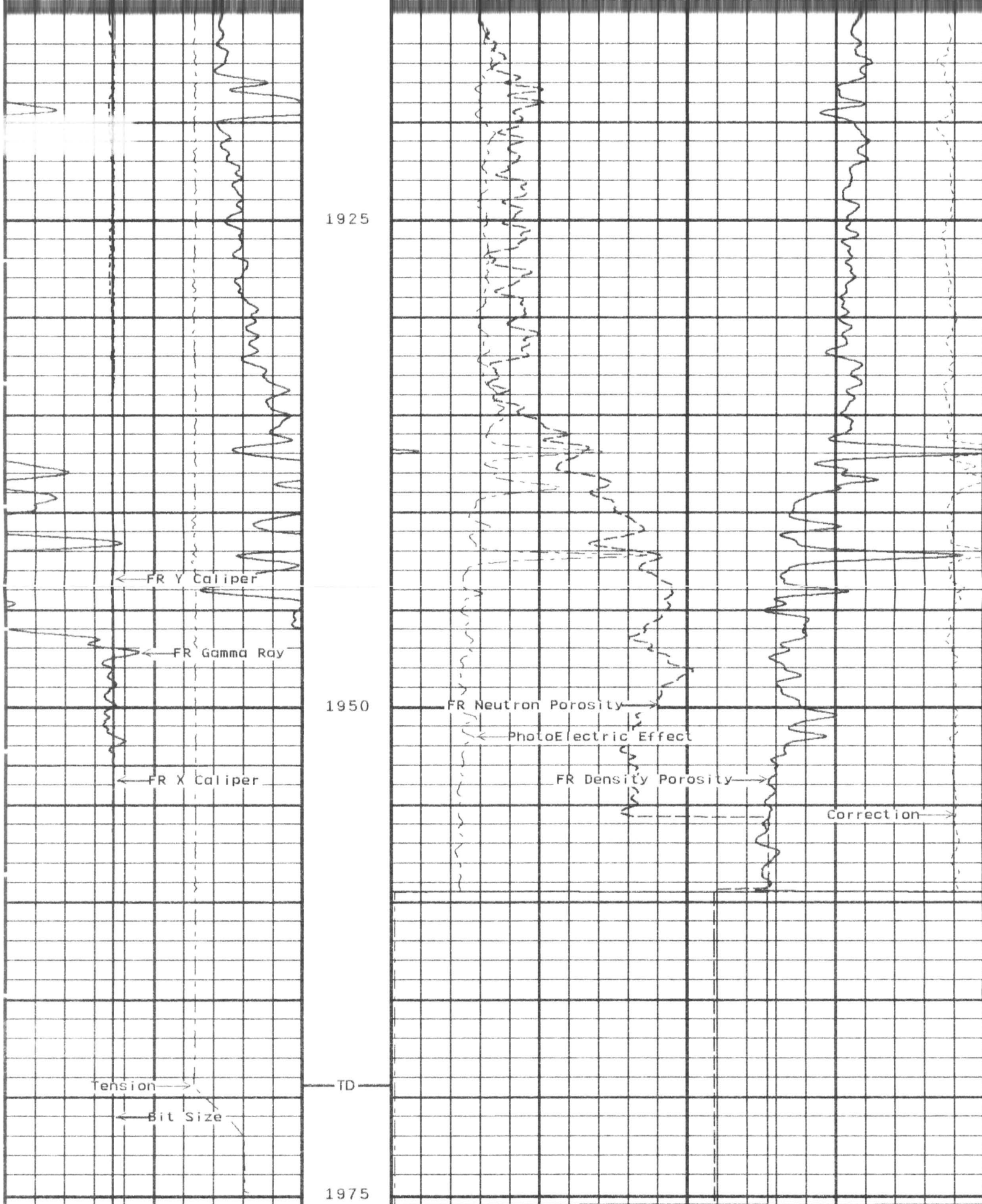
1825

1850

1875

1900





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

START DEPTH: 1975.6 DIRECTION: UP DATE: 03/12/2004 TIME:03:29 MODE: TRACE PLAYBACK
30017937 STIMP1

MAIN PASS
DEPTH SCALE: 1:240 VERSION: 2004.02.11.263

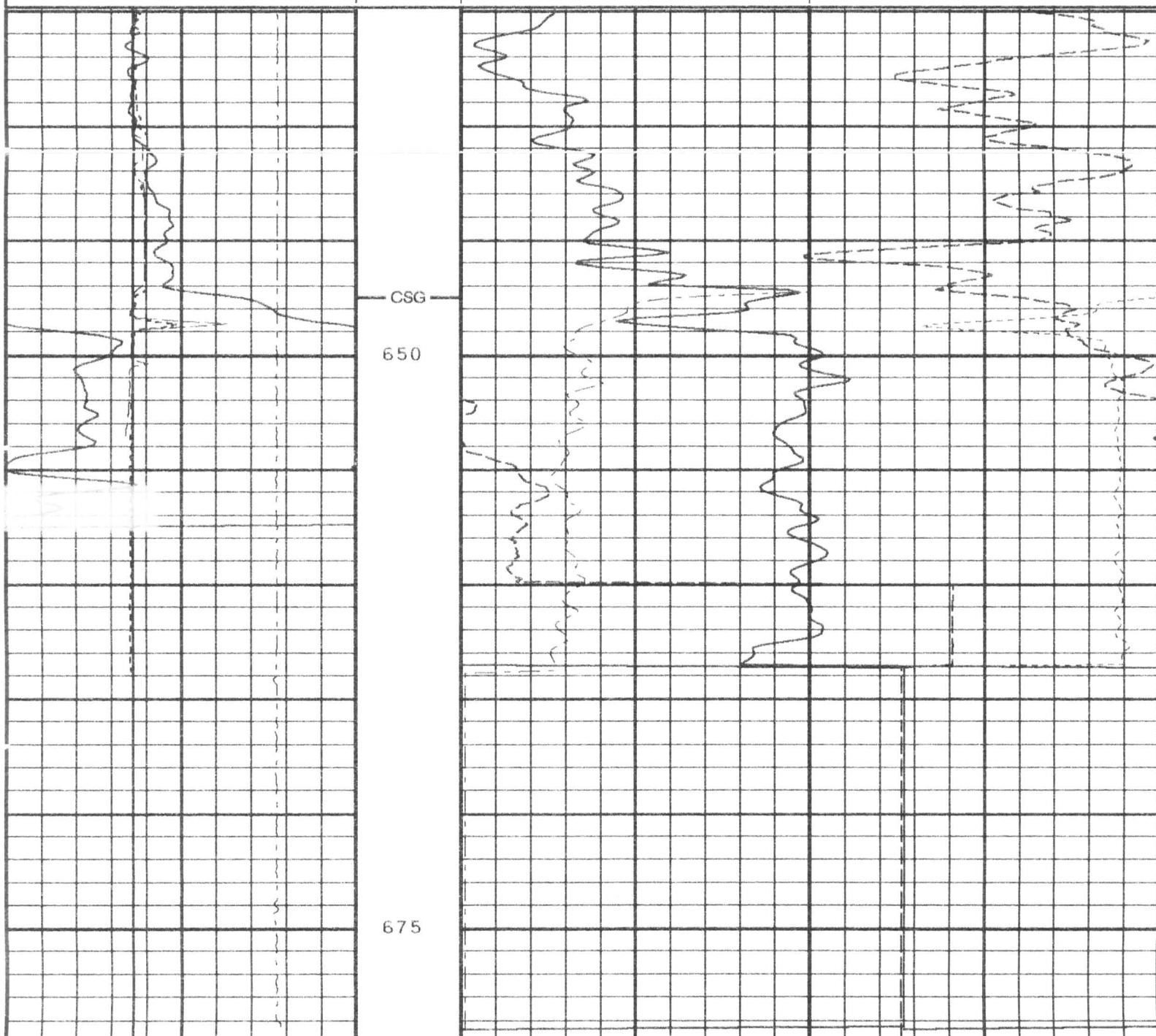
SYSTEM CONSTANTS				
NAME	DESCRIPTION	VALUE	UNITS	
TDL	TD-Logger	1969.40	Meters	
CSIZ	Casing Size	244.5	Millimeters	
CWEI	Casing Weight	59.52	Kilograms/Meter	
BS	Bit Size	215.9	Millimeters	
BHT	Bottom Hole Temp	80.0	DegreesCentigrade	
SFT	Mean Annual Surf Temp	5.0	DegreesCentigrade	
SPDD	SP Drift Corr. mV	0	Millivolts	
SPBR	SP Bridle Depth Offset	0.00	Meters	
SPTL	Log With SP From	STI		
STIB	STI SFL Chassis Return	ON		
STI4	STI 4 Level Average	OFF		
STIS	STI SFL Log Mode On	ON		
SACC	Accumulation Time	100	Seconds	
BARI	Barite Correction	OFF		
MM	Mud Weight	950.0	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	1.000		
BHS	Open/Cased Hole	Open		
BSAL	Borehole Salinity	0	Parts/Million	
FSAL	Formation Salinity	0	Parts/Million	
NBSC	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		
SWAN	Sheave Wheel Angle	0.00	Degrees	
NCAL	LIS Caliper Name-CNT	X Caliper		
SCAL	Density BH Diam Source	X Caliper		

REMARKS
CASING CHECK
1:240 SCALE
LIMESTONE MATRIX (2710 Kg/m3)

DEPTH SCALE: 1:240 VERSION: 2004.02.11.263
MAIN PASS

30017937 CSGCHK
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)		Bulk Density (RHOB)	
125	Millimeters	375	1950 Kilograms/Cu.Meter 2950
Gamma Ray (GR)		PE (PEF)	
0	API	150	0 10 450 Kilograms/Cu.Meter -50
X Caliper (CALI)		Den. Corr. (DRHO)	
125	Millimeters	375	



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: 679.1 DIRECTION: UP DATE: 03/12/2004 TIME:01:40 MODE: TRACE PLAYBACK
30017937 CSGCHK

MAIN PASS			
DEPTH SCALE: 1:240		VERSION: 2004.02.11.263	
SYSTEM CONSTANTS			
NAME	DESCRIPTION	VALUE	UNITS
TDL	TD-Logger	1969.40	Meters
CSIZ	Casing Size	244.5	Millimeters
CWEI	Casing Weight	59.52	Kilograms/Meter
BS	Bit Size	215.9	Millimeters
BHT	Bottom Hole Temp	74.0	DegreesCentigrade
SFT	Mean Annual Surf Temp	5.0	DegreesCentigrade
SPDD	SP Drift Corr. mV	0	Millivolts
SPBR	SP Bridle Depth Offset	0.00	Meters
SPTL	Log With SP From	STI	
STIB	STI SFL Chassis Return	ON	
STIA	STI 4 Level Average	OFF	
STIS	STI SFL Log Mode On	ON	
SACC	Accumulation Time	100	Seconds
BARI	Barite Correction	OFF	
MM	Mud Weight	950.0	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	1.000	
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	
SWAN	Sheave Wheel Angle	0.00	Degrees
NCAL	LIS Caliper Name-CNT	X Caliper	
SCAL	Density BH Diam Source	X Caliper	

03/11/04	21:31	0.0 M	Ver 40211263	Job 30017937		
Caliper Before Survey Calibration						
Tool Type: CAL-FA			Serial No:CALF169			
	Measured			Calibrated		
	Small	Large	Units	Small	Large	Units
MCL0	773.9	1419.6	mm	177.8	355.6	mm

03/11/04	21:42	0.0 M	Ver 40211263	Job 30017937
Gamma Ray Before Survey Calibration				
Tool Type: UGR-JA		Serial No: UGRJ211		
Calibrator No: RA-20S-335				
Background	Calibrator	Standard	Units	
118.6	734.7	140.0	API	
Delta Counts Per Sec: 616.1		CPS/API = 4.401		

02/15/04	15:02	0.0 M	Ver 30725245	Job shop
Compensated Neutron Shop Calibration				
Tool Type: CNT-S		Serial No: CNTS203		
Verifier No: MSV-089		Source No: 6036-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:	1391.5	333.4	140.1	CPS
SS Detector:	978.2	491.0	324.4	CPS
Tool Ratio:	0.703	1.473	2.315	SS/LS
Tool Porosity:	-0.95	10.25	25.66	LM-PU
Tool Constant: 1.000				
Surface Temperature: 21 DegC				
SS Detector	LS Detector	Ratio	Porosity	
299.3 CPS	183.2 CPS	1.634	13.04	

03/11/04	21:46	0.0 M	Ver 40211263	Job 30017937
Compensated Neutron Before Survey Calibration				
Tool Type: CNT-S		Serial No: CNTS203		
Verifier No: MSV-089		Source No: 6036-NE		
LS Detector:	Verifier Check	Units		
	183.9	CPS		
SS Detector:	297.6	CPS		
Tool Ratio:	1.618	SS/LS		
Tool Porosity:	13.07	LM-PU		
Tool Constant:	1.000			

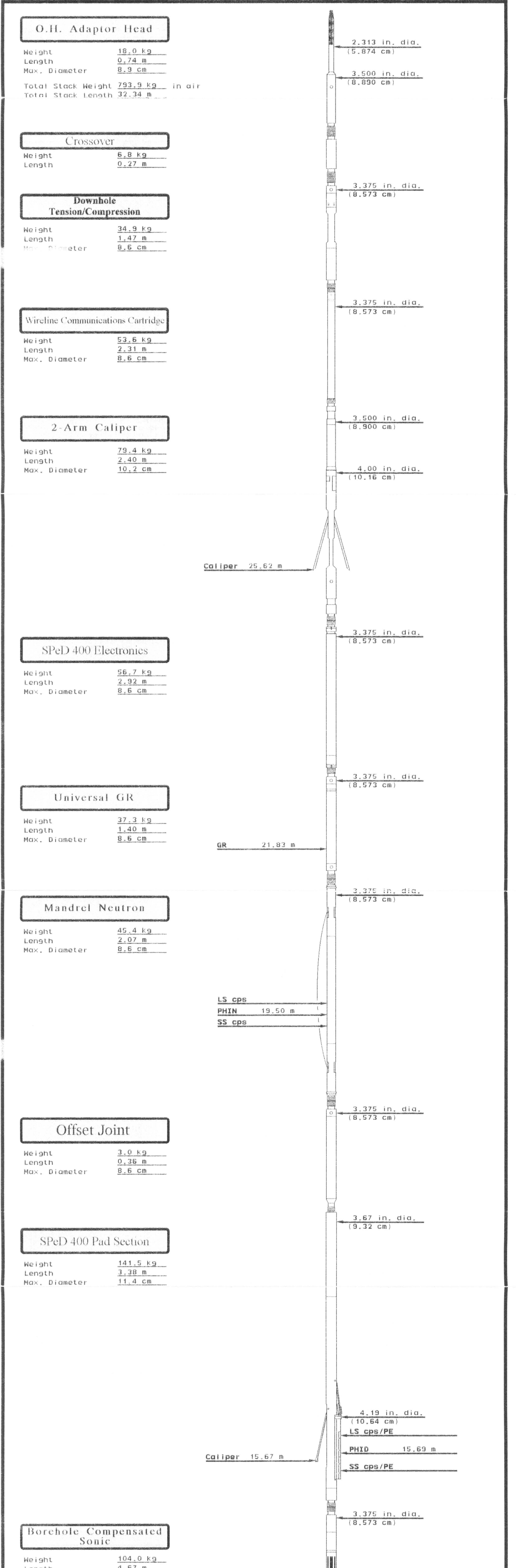
03/12/04	04:47	0.0 M	Ver 40211263	Job 30017937
Compensated Neutron After Survey Calibration				
Tool Type: CNT-S		Serial No: CNTS203		
Verifier No: MSV-089		Source No: 6036-NE		
	Verifier Check			
	Before	After	Units	
LS Detector:	183.9	182.9	CPS	
SS Detector:	297.6	297.1	CPS	
Tool Ratio:	1.618	1.624	SS/LS	
Tool Porosity:	13.07	13.18	LM-PU	
Tool Constant:	1.000			

02/26/04	21:55	0.0 M	Ver 40211263	Job SHOP	
Spectral Pe Density Shop Calibration					
Tool Type: SPS-AB		Sonde No: SPSB209			
Firmware Ver: . 0		Electronics No: SPCB209			
Aluminum Blk No: ALBA110		Source No: 2068-GN			
		Magnesium Blk No: MGBA110			
	Bkg	Al	Al+Fe	Mg	Units
Cs Pk	110.43	110.36	110.45	110.47	Ch
Gain	0.167	0.166	0.167	0.167	Ch/Kev
Tng Pk	11.73				
Off	0.241				
Res	9.02	9.02	9.25	9.18	%
LLPE	226	1292	840	8607	cps
LUPE	122	953	727	5876	cps
LSUC	716	975	874	5578	cps
LCMP	1438	3722	3250	21770	cps
Cs Pk	110.43	110.30	110.36	110.34	Ch
Gain	0.167	0.167	0.167	0.167	Ch/Kev
Tng Pk	11.57				
Off	0.062				
Res	8.66	8.71	8.88	8.79	%
SLPE	229	2680	1804	4057	cps
SUPE	123	1926	1452	2801	cps
SSUC	665	4571	4106	6426	cps
SCMP	1392	10896	9561	16082	cps
Acc	250	250	250	250	Secs
Density Calibration					
		Fresh	Barite		
Spine Angle =		77.57	78.95		
Spine Length =		199.52	196.03		
Pe Calibration					
		Fresh	Barite		
LS Slope =		1.7444	0.3982		
LS Intercept =		-0.2419	-0.1641		

03/11/04	21:35	0.0 M	Ver 40211263	Job 30017937
Spectral Pe Density Before Survey Tool Check				
Tool Type: SPS-AB		Sonde No: SPSB209		
Firmware Ver: . 0		Electronics No: SPCB209		
Aluminum Blk No: ALBA110		Source No: 2068-GN		
		Magnesium Blk No: MGBA110		
	Shop	Before	Units	
Cs Pk	110.49	110.19	Ch	
Gain	0.167	0.167	Ch/Kev	
Tng Pk	11.73	11.69	Ch	
Off	0.241	0.184	Ch	
Res	9.02	9.08	%	
LLPE	226	227		
LUPE	122	125		
LSUC	716	720		
LCMP	1438	1441		
Cs Pk	110.43	110.21	Ch	
Gain	0.167	0.167	Ch/Kev	
Tng Pk	11.57	11.56	Ch	
Off	0.062	0.071	Ch	
Res	8.66	8.65	%	
SLPE	229	230		
SUPE	123	124		
SSUC	665	668		
SCMP	1392	1395		
Acc	250	100	Secs	

03/12/04	04:42	0.0 M	Ver 40211263	Job 30017937
Spectral Pe Density After Survey Tool Check				
Tool Type: SPS-AB		Sonde No: SPSB209		
Firmware Ver: . 0		Electronics No: SPCB209		
Aluminum BIK No: ALBA110		Source No: 2068-GM		
		Magnesium BIK No: MGBA110		
	Shop	Before	After	Units
Cs Pk	110.49	110.19	109.94	Ch
Gain	0.167	0.167	0.166	Ch/Kev
Tng Pk	11.73	11.69	11.67	Ch
Off	0.241	0.184	0.148	Ch
Res	5.32	5.33	5.35	%
LLPE	226	227	225	cps
LUPE	122	125	121	cps
LSUC	716	720	714	cps
LCMP	1438	1441	1435	cps
Cs Pk	110.43	110.21	110.64	Ch
Gain	0.167	0.167	0.167	Ch/Kev
Tng Pk	11.57	11.56	11.56	Ch
Off	0.062	0.071	0.051	Ch
Res	8.66	8.65	8.68	%
SLPE	229	230	230	cps
SUPE	123	124	125	cps
SSUC	665	668	667	cps
SCMP	1392	1395	1394	cps
Acc	250	100	100	Secs

03/11/04	21:31	0.0 M	Ver 40211263	Job 30017937		
Caliper Before Survey Calibration						
Tool Type: SPD-CL		Serial No:SPSB209				
	Measured		Calibrated			
	Small	Large	Units	Small	Large	Units
MCL2	1464.6	2845.4	mm	177.8	355.6	mm



Length 4.07 m
Max. Diameter 8.6 cm

TOP RX 12.47 m

Delta T 12.16 m

BOT RX 11.87 m

Centralizer

Weight 30.9 kg
Length 1.39 m
Max. Diameter 8.9 cm

Simultaneous Triple Induction

Weight 176.9 kg
Length 8.75 m
Max. Diameter 10.2 cm

3.500 in. dia.
(8.890 cm)

4.00 in. dia.
(10.16 cm)

3.375 in. dia.
(8.573 cm)

4.00 in. dia.
(10.16 cm)

ILD 3.28 m

SFL 2.65 m

SP 2.41 m

ILM 2.10 m

Stand - Off

Weight 5.5 kg
Length 0.20 m

COMPANY ANADARKO CANADA CORPORATION

WELL ANADARKO EMILE LAKE A-77

FIELD NETLA PROVINCE N.W.T.

PRECISION

Wireline Technologies