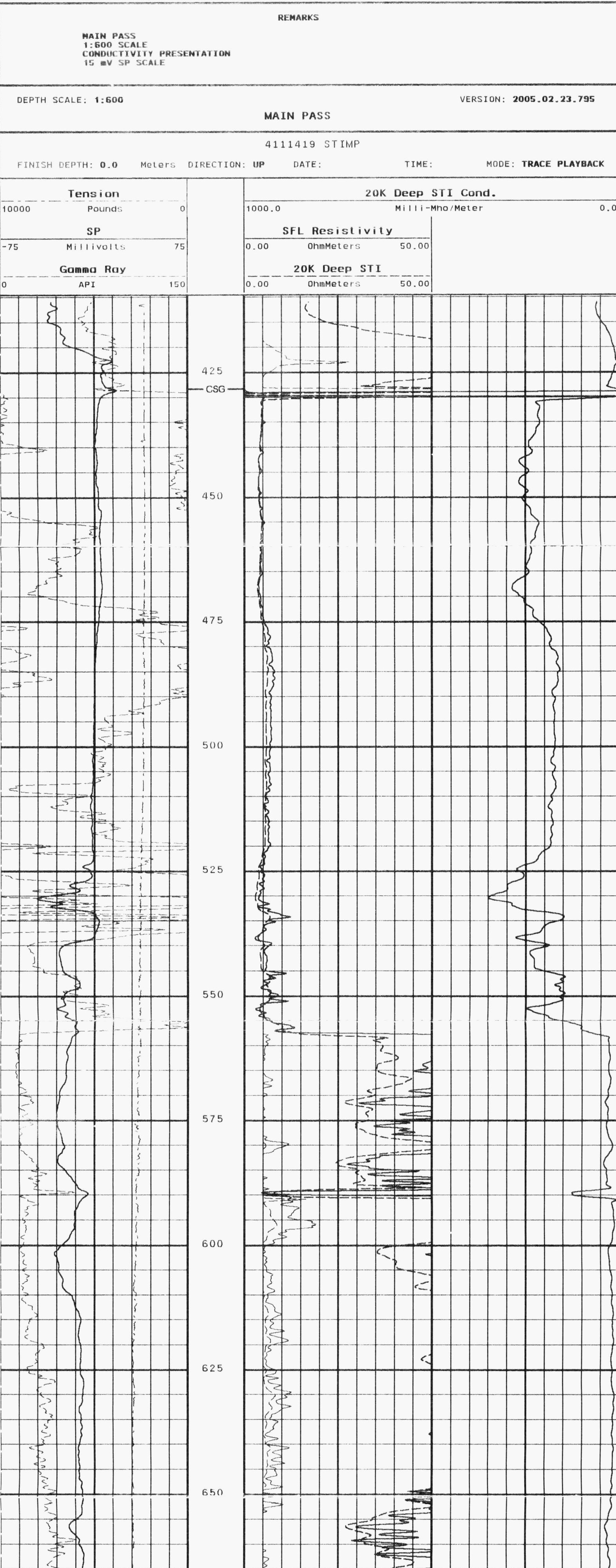
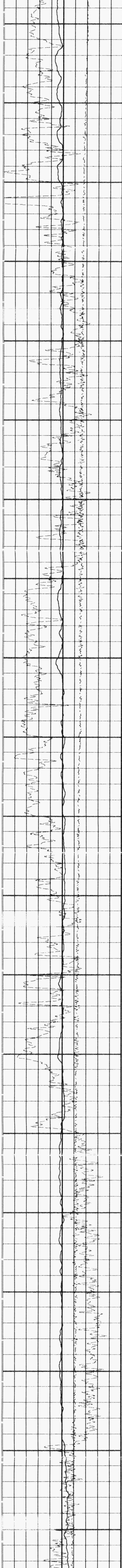


PROVINCE	NORTHWEST TERRITORIES
FIELD	CAMERON HILLS
WELL	PARA ET AL CAMERON 2M-73
COMPANY	PARAMOUNT RESOURCES LTD.
WELL	PARA ET AL CAMERON 2M-73
FIELD	CAMERON HILLS
PROVINCE	NORTHWEST TERRITORIES
LOCATION M-73	2026
LICENCE	2026
Per. Datum	GROUND LEVEL
Log measured from	K3 4.25 m above Permanent Datum.
Other Services:	SPED/CNT/UGR/MRT/UGR
HBC/UGR	MRT/UGR
ELEV. K. 9.776.05 m	G.L. 771.80 m
CBF	-----
Date	26-MAR-2005
Run No.	ONE
First Reading	1519.7 m
Last Reading	428.5 m
Meters Meas.	1091.2 m
Depth Reached	1521.8 m
Bot. Driller	1522.0 m
CS9. Logger	428.5 m
CS9. Driller	429.0 m
Fluid Type	GEL CHEMICAL
Dens. & Visc.	1130 74
Mud PH	11.0
Mud Water Loss	8.0
Mud Res. @ BHT	0.7 @ 17 °C
Mud Res. @ BHT	0.3 @ 58 °C
Rmc	0.8 @ 16 °C
Rmf	0.6 @ 17 °C
Rmf @ BHT	0.3 @ 58 °C
Bit Size	200.0 mm
Spacing	N/A
Operating Time	5.5 HRS
Unit #	349
Location	GRANDE PRAIRIE OH
Recorded By	K. POSTON
Witnessed By	P. DANG

All interpretations of log data are opinions based on inferences from electrical or other measurements. We do not guarantee the accuracy or correctness of any interpretation or recommendation and we shall not be liable or responsible for any loss, cost, damages or expenses incurred or sustained by anyone resulting from any interpretation or recommendation made by any of our employees or agents.

REMARKS		Rig: PD #247	Service Order # 4111419
Drilling Stopped 09:30/26 Circulation Stopped 21:30/26 Tool on Bottom 02:45/27 BHT 58 °C			
- STI-SP/SPED/CNT/UGR/MRT/DAC LOGGED IN COMBINATION			
- MAXIMUM DEVIATION OF 27.4° @ 915m, WITH A KICKOFF OF 470m			
- CALIPERS HAD TO BE CLOSED BRIEFLY ON THE MAIN PASS FOR 1.5m @ 1516m			
- ORINATION WAS DIFFICULT TO MAINTAIN THROUGH THE DEVIATED HOLE, SEVERAL PASSES WERE ATTEMPTED TO CORRECT			
CHANGES IN MUD TYPE OR NEW SAMPLE		SCALE CHANGES	
Date	Sample No.	Type Log	Interval
Depth - Driller			Scale
Type Fluid in Hole			
Dens.	Visc.		
PH	Water Loss		
Source of Sample		EQUIPMENT DATA	
Rm @ Meas. Temp.	@ °C	Run No.	Tool Type
Rmf @ Meas. Temp.	@ °C	Tool No.	Other
Rmc @ Meas. Temp.	@ °C	ONE	STI-AC
Source Rmf	Rmc	UGR-JB	113-113
Rm @ BHT	@ °C		191
Rmf @ BHT	@ °C		RA-20S-075
Rmc @ BHT	@ °C		





675

700

725

750

775

800

825

850

875

900

925

950

975

1000

1025

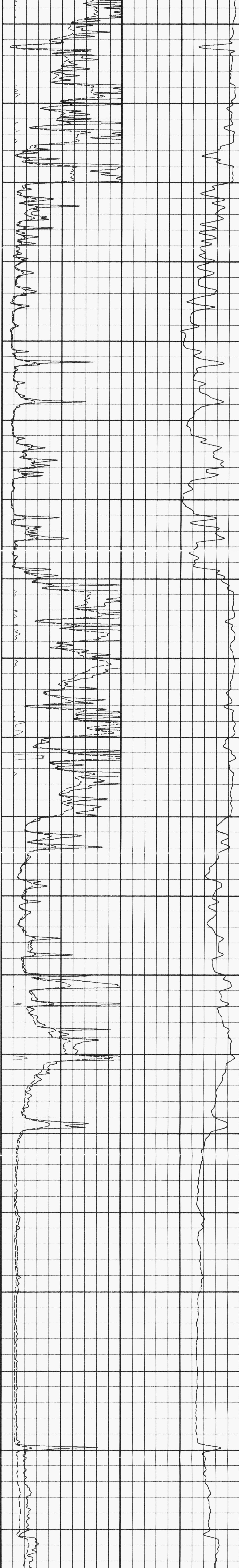
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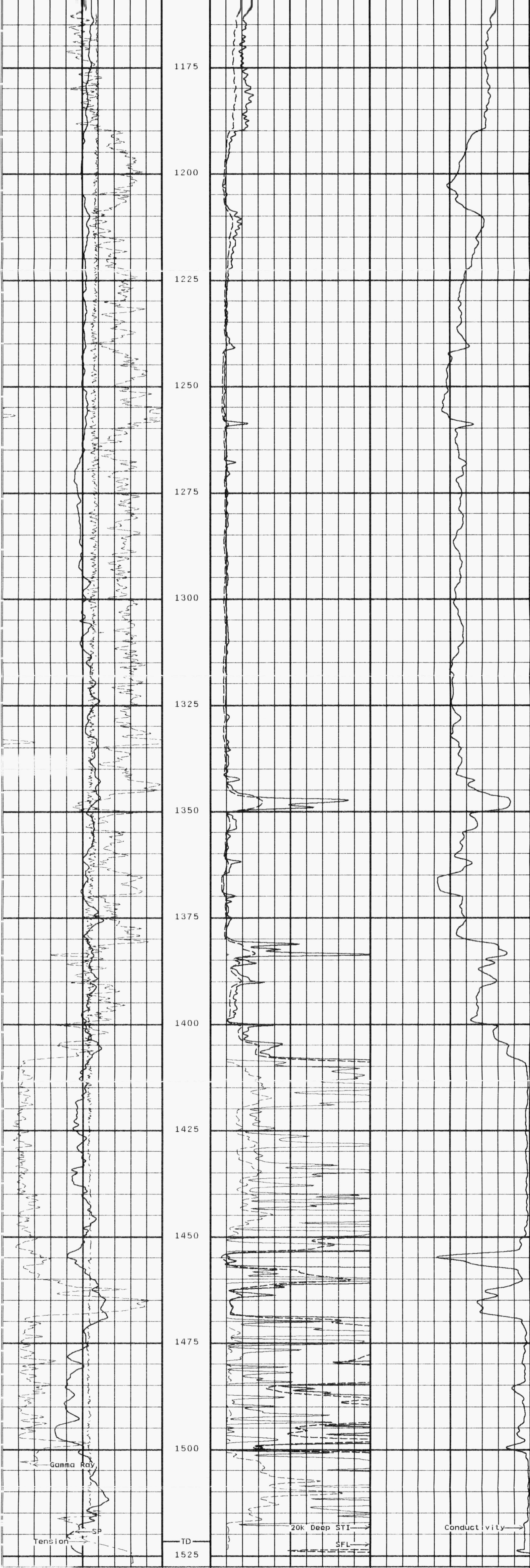
1075

1100

1125

1150





Gamma Ray		20K Deep STI	
0	API	0.00	OhmMeters
150		50.00	
SP		SFL Resistivity	
-75	Millivolts	0.00	OhmMeters
75		50.00	
Tension		20K Deep STI Cond.	
10000	Pounds	1000.0	Milli-Mho/Meter
0			0.0

START DEPTH: 1527.8 DIRECTION: UP DATE: 03/27/2005 TIME: 06:58 MODE: TRACE PLAYBACK

4111419 STIMP

MAIN PASS

DEPTH SCALE: 1:600

VERSION: 2005.02.23.795

SYSTEM CONSTANTS			
NAME	DESCRIPTION	VALUE	UNITS
TDL	TD-Logger	1521.80	Meters
BS	Bit Size	200.0	Millimeters
BHT	Bottom Hole Temp	58.0	DegreesCentigrade

MAIN PASS

1:240 SCALE

15 mV SP SCALE

REMARKS

DEPTH SCALE: 1:240

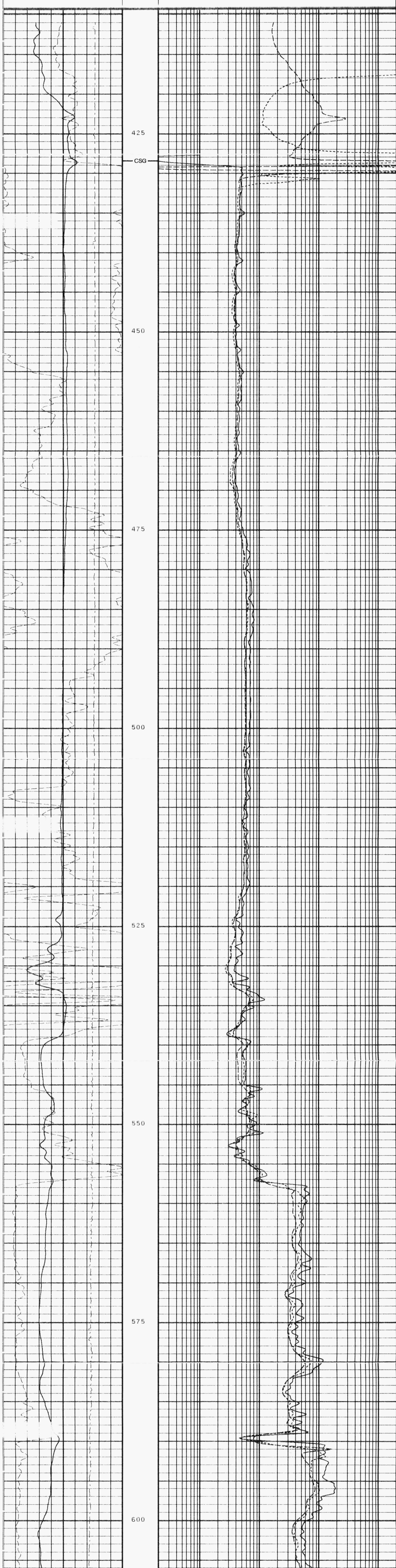
MAIN PASS

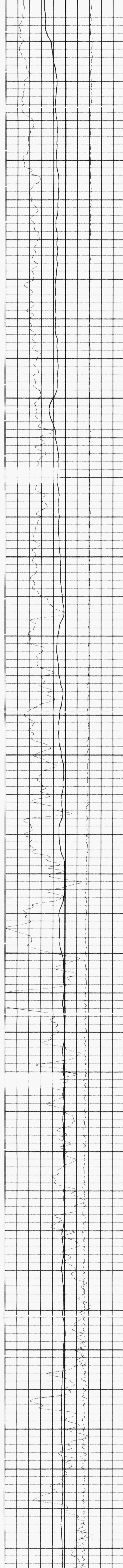
VERSION: 2005.02.23.795

4111419 STIMP

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

Tension		SFL Resistivity	
10000	Pounds	0.20	OhmMeters
0		2000.00	
SP		20K Medium STI	
-75	Millivolts	0.20	OhmMeters
75		2000.00	
Gamma Ray		20K Deep STI	
0	API	0.20	OhmMeters
150		2000.00	





625

650

675

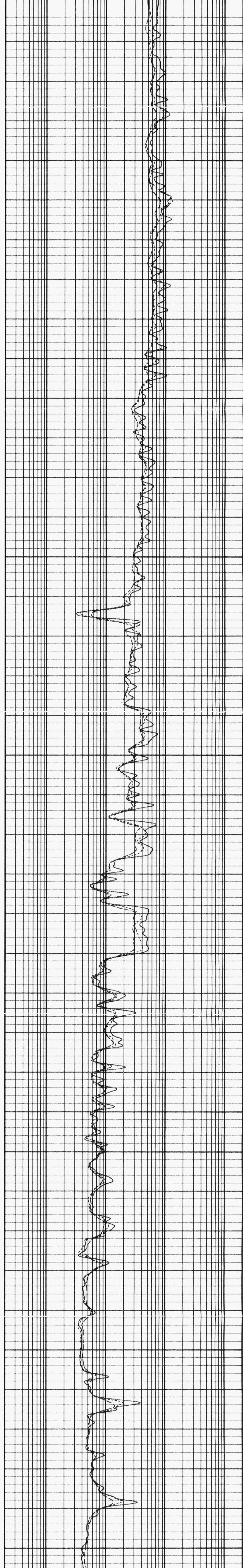
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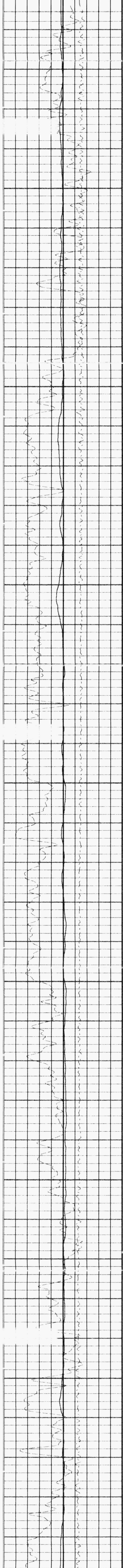
725

750

775

800





825

850

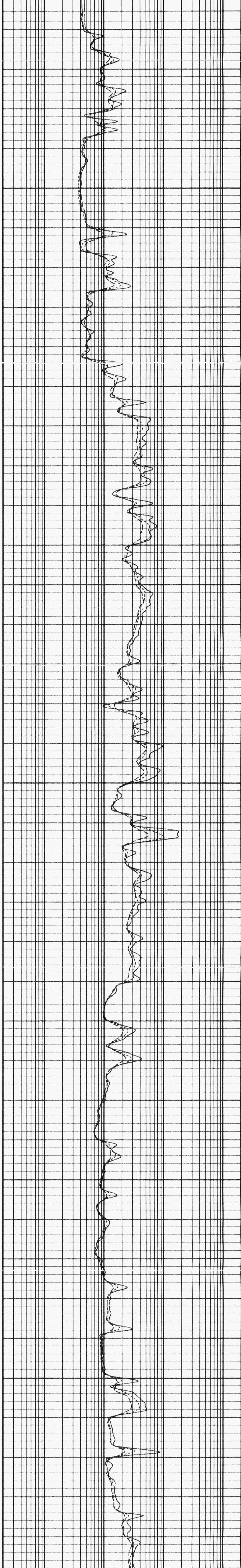
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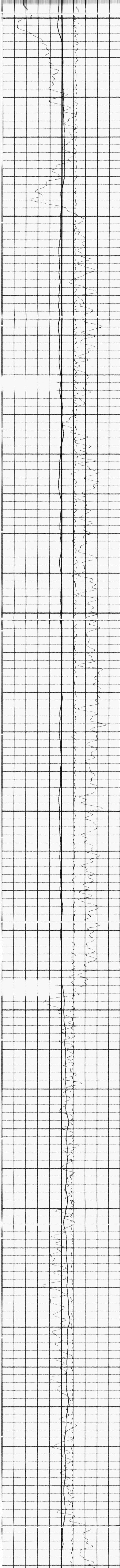
900

925

950

975





1000

1025

1050

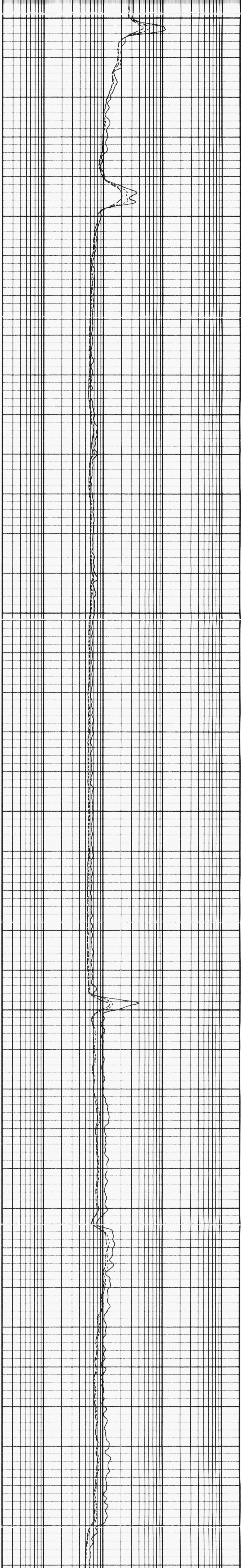
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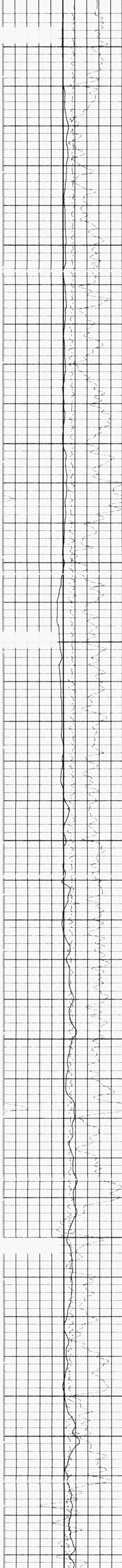
1100

1125

1150

1175





1200

1225

1250

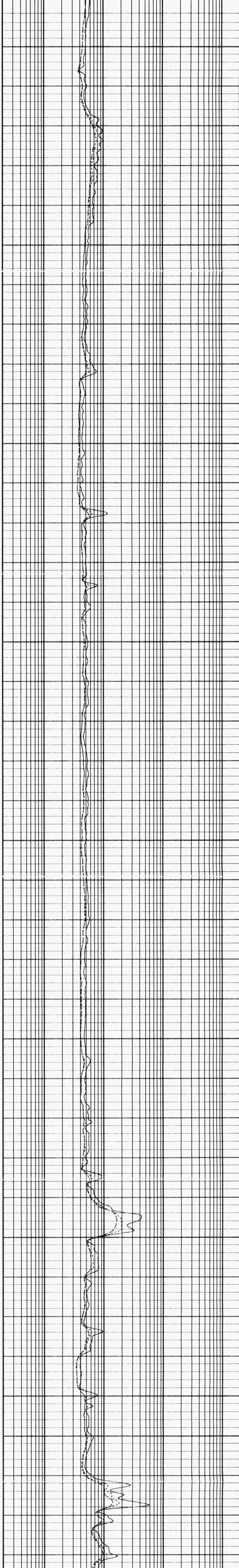
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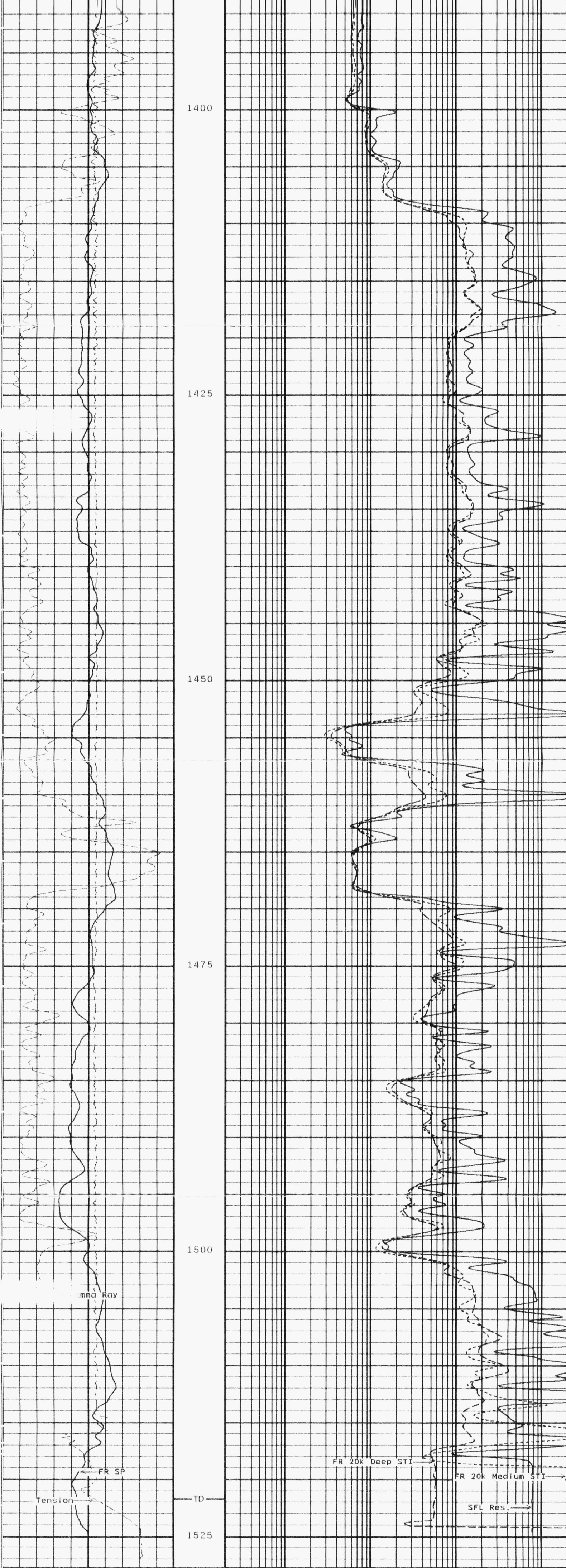
1300

1325

1350

1375





Gamma Ray		20K Deep STI	
0	API	0.20	OhmMeters
150		2000.00	
SP		20K Medium STI	
-75	Millivolts	0.20	OhmMeters
75		2000.00	
Tension		SFL Resistivity	
10000	Pounds	0.20	OhmMeters
0		2000.00	

START DEPTH: 1527.8 DIRECTION: UP DATE: 03/27/2005 TIME: 06:58 MODE: TRACE PLAYBACK
4111419 STIMP

MAIN PASS
DEPTH SCALE: 1:240 VERSION: 2005.02.23.795

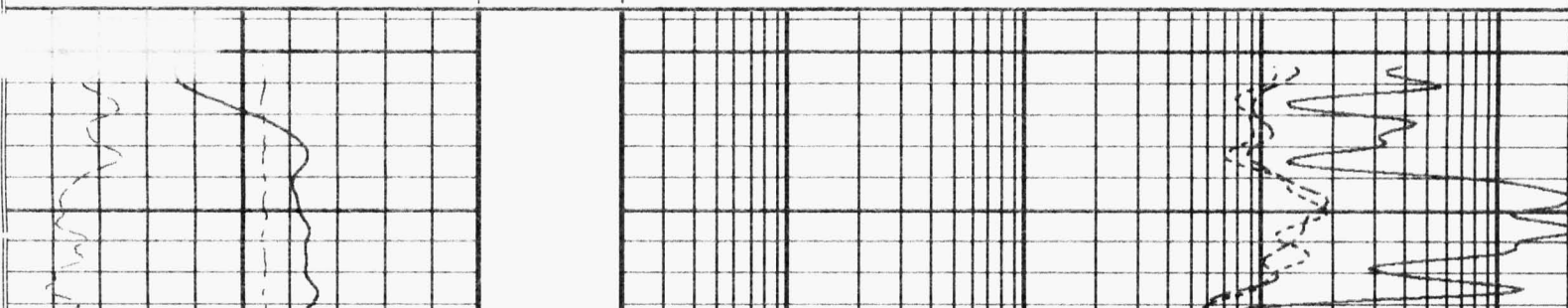
SYSTEM CONSTANTS			
NAME	DESCRIPTION	VALUE	UNITS
TDL	TD-Logger	1521.80	Meters
BS	Bit Size	200.0	Millimeters
BHT	Bottom Hole Temp	58.0	DegreesCentigrade

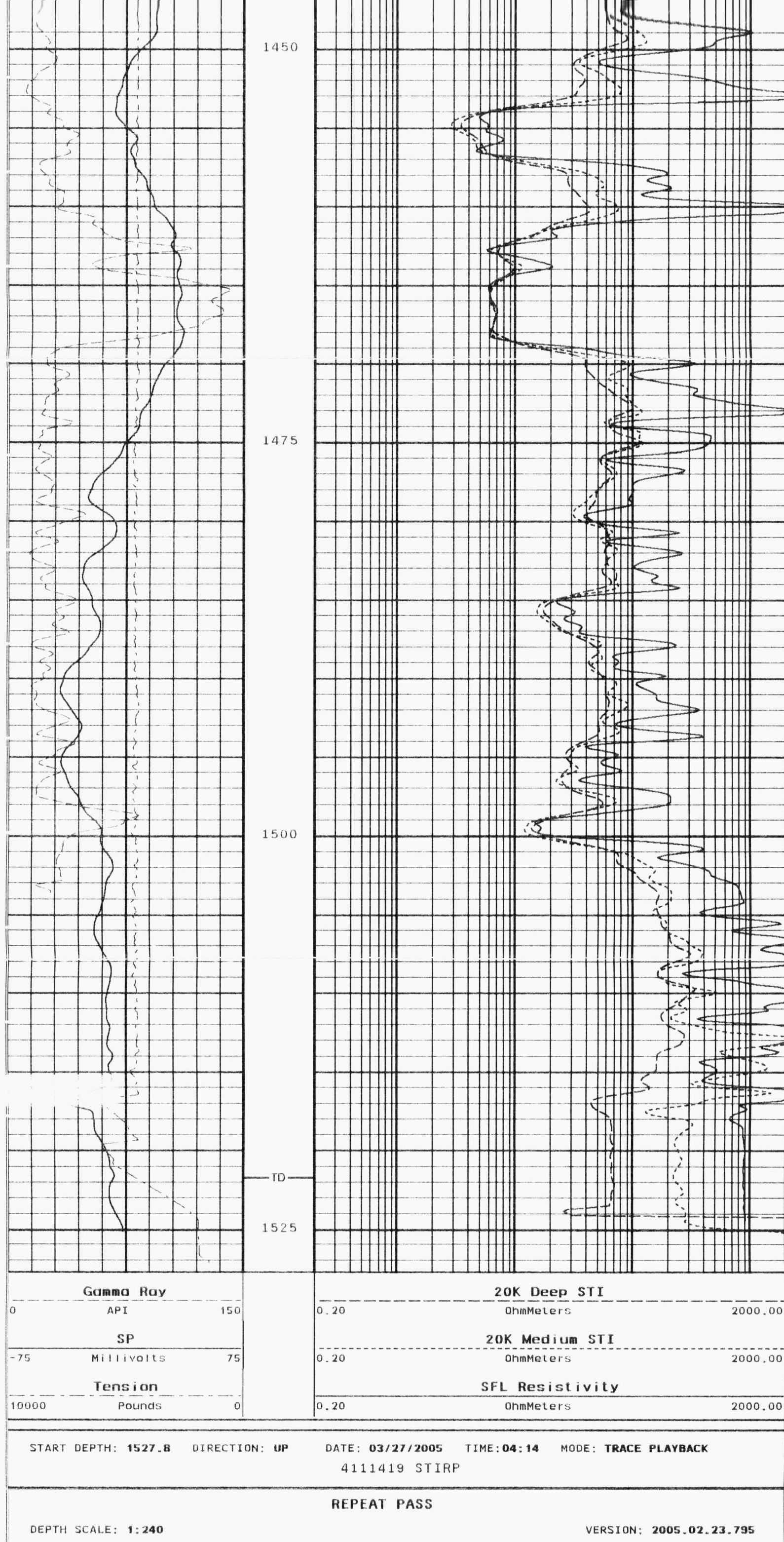
REMARKS
REPEAT PASS
1:240 SCALE
15 mV SP SCALE

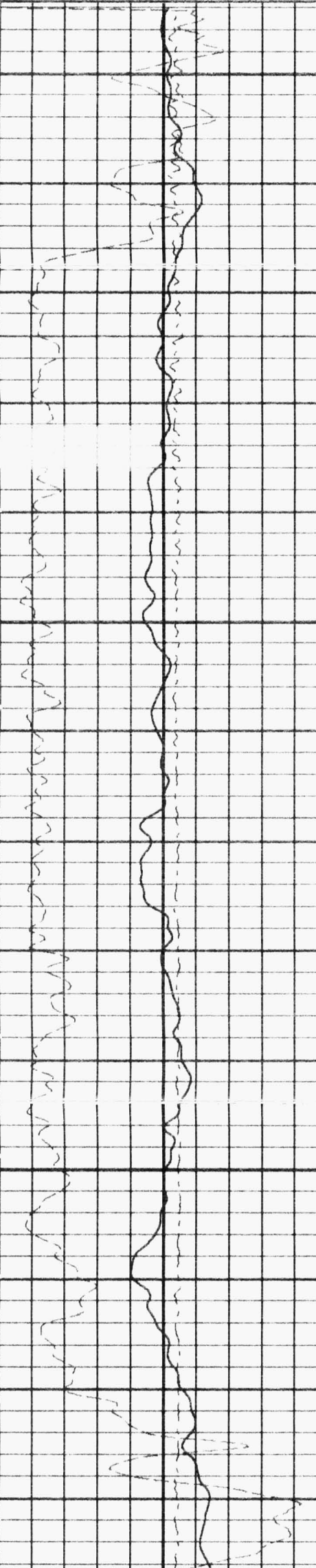
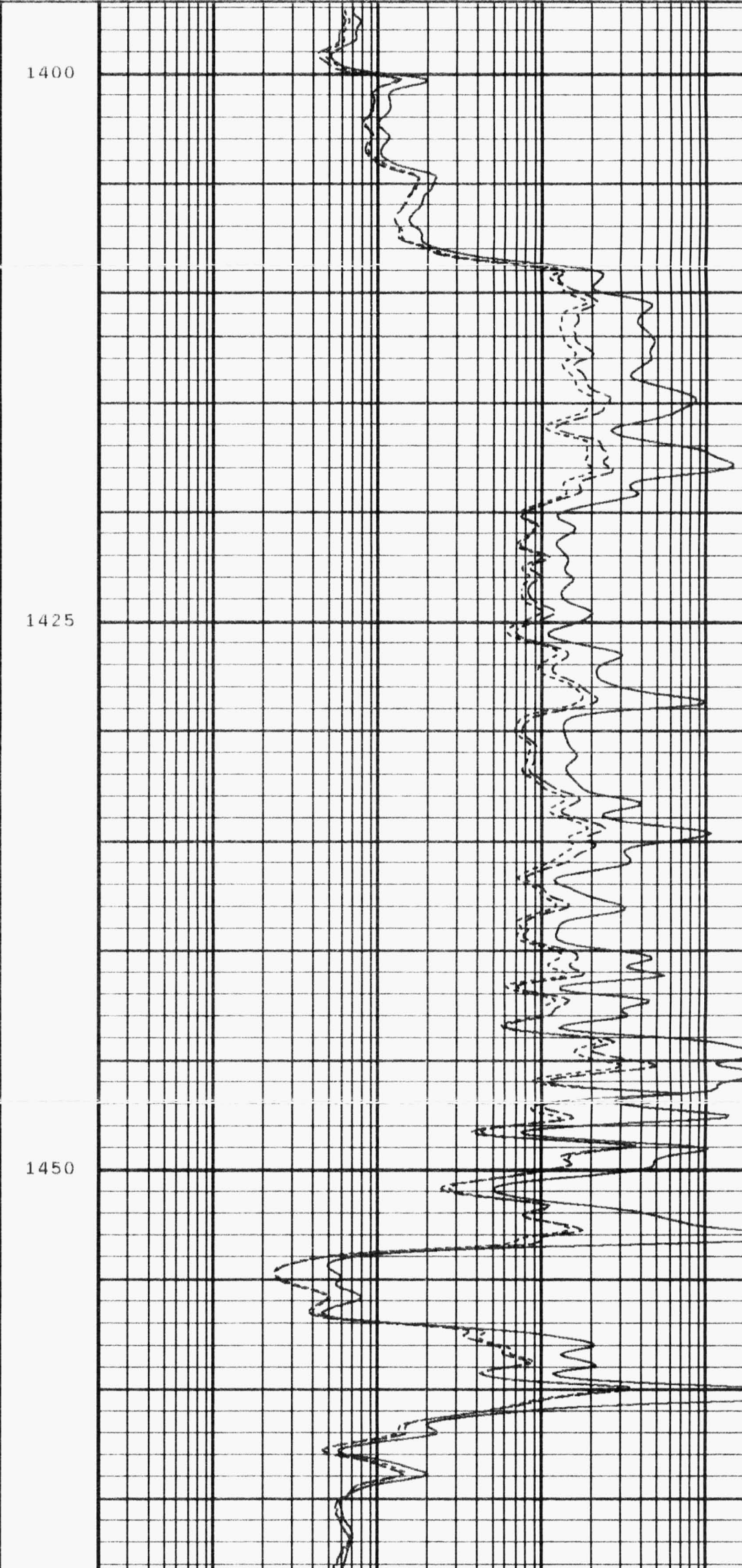
DEPTH SCALE: 1:240 VERSION: 2005.02.23.795
REPEAT PASS

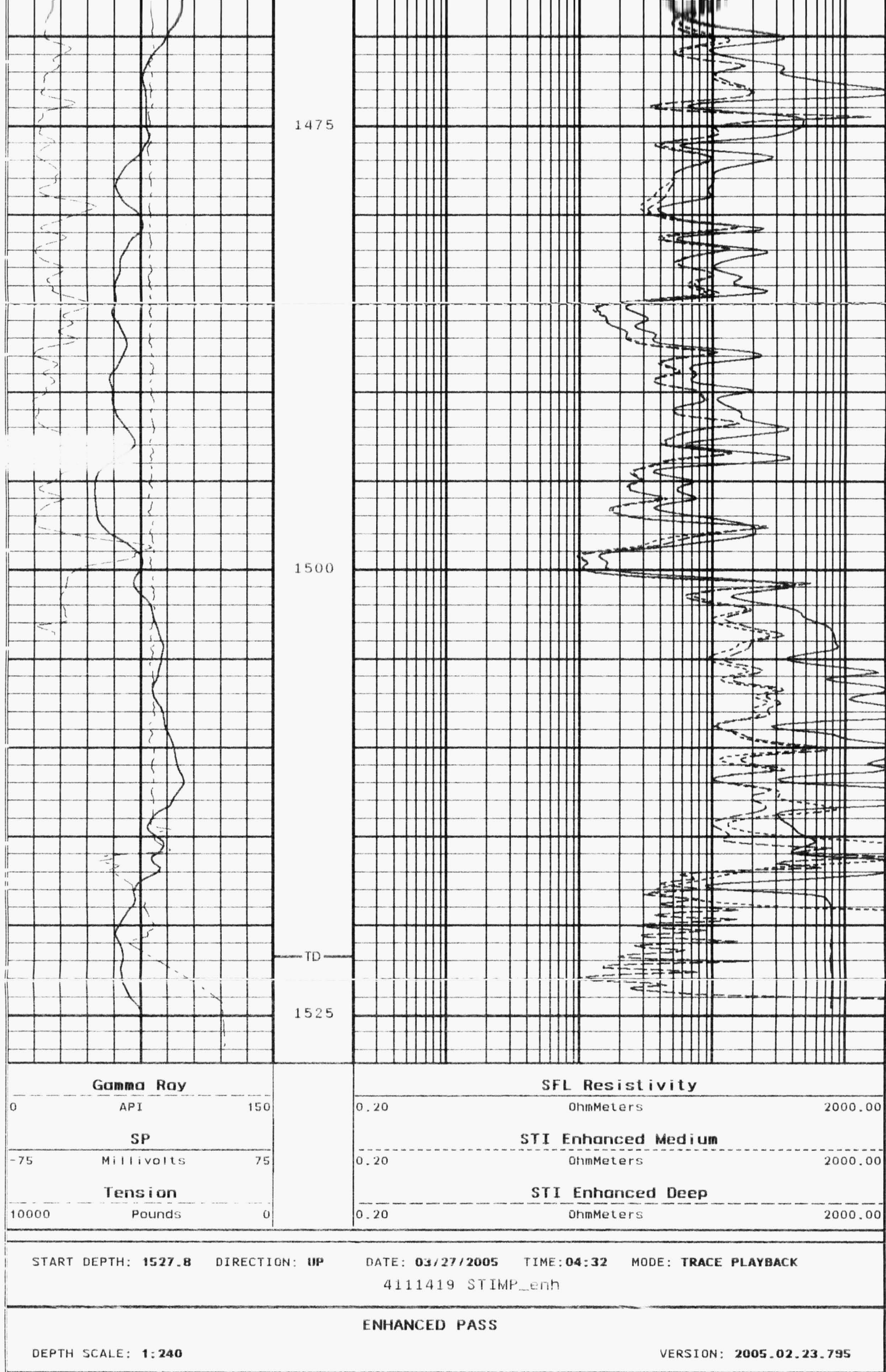
4111419 STIRP
FINISH DEPTH: 0.0 Meters DIRECTION: UP DATE: TIME: MODE: TRACE PLAYBACK

Tension		SFL Resistivity	
10000	Pounds	0.20	OhmMeters
0		2000.00	
SP		20K Medium STI	
-75	Millivolts	0.20	OhmMeters
75		2000.00	
Gamma Ray		20K Deep STI	
0	API	0.20	OhmMeters
150		2000.00	





REMARKS		
MAIN PASS 1:240 SCALE 15 mV SP SCALE INDUCTION ENHANCEMENT TD-1400m		
DEPTH SCALE: 1:240		VERSION: 2005.02.23.795
ENHANCED PASS		
4111419 STIMP_enh		
FINISH DEPTH: 0.0 Meters DIRECTION: UP DATE: TIME: MODE: TRACE PLAYBACK		
Tension 10000 Pounds 0 SP -75 Millivolts 75 Gamma Ray 0 API 150		STI Enhanced Deep 0.20 OhmMeters 2000.00 STI Enhanced Medium 0.20 OhmMeters 2000.00 SFL Resistivity 0.20 OhmMeters 2000.00
		



03/26/05	22:56	0.0 M	Ver 50223795	Job 4111419
Gamma Ray Before Survey Calibration				
Tool Type: UGR-JA		Serial No: UGRJ191		
Calibrator No:				
Background	Calibrator	Standard	Units	
120.3	632.1	140.0	API	
Delta Counts Per Sec. 511.8		CPS/API = 3.656		

03/03/05	00:53	0.0 M	Ver 50223795	Job SHOP			
SIMULTANEOUS TRIPLE INDUCTION SHOP CALIBRATION							
TOOL TYPE:	STI-AC	SONDE SERIAL NO:		STSB113			
		ELECTRONICS SERIAL NO:		STCB113			
LOOP CALIBRATION: Gain and Phase Error of Internal Reference							
	10KHz		20KHz		40KHz		
	DEEP	MEDIUM	DEEP	MEDIUM	DEEP	MEDIUM	
Gain:	0.991	0.976	1.002	0.978	0.997	0.972	
Upper Limit:	1.100	1.100	1.100	1.100	1.100	1.100	
Lower Limit:	0.900	0.900	0.900	0.900	0.900	0.900	
Phase Error(degrees):	1.14	0.73	1.53	0.77	1.08	0.64	
Upper Limit:	10.00	10.00	10.00	10.00	10.00	10.00	
Lower Limit:	-10.00	-10.00	-10.00	-10.00	-10.00	-10.00	
SONDE ERROR:							
	10KHz		20KHz		40KHz		
	R	X	R	X	R	X	
Deep:	9.7	-36.2	-2.0	-21.6	2.9	-20.2	
Upper Limit:	20.0	100.0	20.0	100.0	20.0	100.0	
Lower Limit:	-20.0	-100.0	-20.0	-100.0	-20.0	-100.0	
Medium:	-4.1	-76.1	0.5	-63.0	3.5	-76.7	
Upper Limit:	20.0	150.0	20.0	150.0	20.0	150.0	
Lower Limit:	-20.0	-150.0	-20.0	-150.0	-20.0	-150.0	
SHOP ELECTRONICS CALIBRATION:							
	10KHz		20KHz		40KHz		
	R	X	R	X	R	X	
Zero Error(mho/m):	-14.1	2.2	DEEP -2.0	7.5	-0.3	9.4	
Upper Limit:	100.0	100.0	100.0	100.0	100.0	100.0	
Lower Limit:	-100.0	-100.0	-100.0	-100.0	-100.0	-100.0	
Gain:	1.004	0.995	1.006	0.990	1.006	0.991	
Upper Limit:	1.100	1.100	1.100	1.100	1.100	1.100	
Lower Limit:	0.900	0.900	0.900	0.900	0.900	0.900	
Phase Error(degrees):	-0.14	0.54	0.46	0.14	1.01	0.50	
Upper Limit:	10.00	10.00	10.00	10.00	10.00	10.00	
Lower Limit:	-10.00	-10.00	-10.00	-10.00	-10.00	-10.00	
			MEDIUM				
Zero Error(mho/m):	-13.6	2.2	-2.4	7.8	-0.9	9.8	
Upper Limit:	100.0	100.0	100.0	100.0	100.0	100.0	
Lower Limit:	-100.0	-100.0	-100.0	-100.0	-100.0	-100.0	
Gain:	1.004	0.995	1.003	0.990	1.005	0.991	
Upper Limit:	1.100	1.100	1.100	1.100	1.100	1.100	
Lower Limit:	0.900	0.900	0.900	0.900	0.900	0.900	
Phase Error(degrees):	-0.14	0.53	0.76	0.17	1.64	0.50	
Upper Limit:	10.00	10.00	10.00	10.00	10.00	10.00	
Lower Limit:	-10.00	-10.00	-10.00	-10.00	-10.00	-10.00	
SFL CALIBRATIONS:							
	OFFSET	MIN	MAX	UNITS	GAIN	MIN	MAX
Voltage:	-1.2	-100.0	100.0	uV	1.001	0.800	1.200
Current:	-0.2	-25.0	25.0	uA	0.998	0.800	1.200

03/27/05	02:00	35.0 M	Ver 50223795	Job 4111419			
SIMULTANEOUS TRIPLE INDUCTION BEFORE SURVEY CALIBRATION							
TOOL TYPE: STI-AC		SONDE SERIAL NO:		STSB113			
		ELECTRONICS SERIAL NO:		STCB113			
	10KHz		20KHz		40KHz		
	R	X	R	X	R	X	
Zero Error(mho/m):	-11.4	12.2	DEEP -6.4	11.9	-1.2	9.0	
Upper Limit:	100.0	100.0	100.0	100.0	100.0	100.0	
Lower Limit:	-100.0	-100.0	-100.0	-100.0	-100.0	-100.0	
Gain:	1.005	0.997	1.007	0.990	1.005	0.992	
Upper Limit:	1.100	1.100	1.100	1.100	1.100	1.100	
Lower Limit:	0.900	0.900	0.900	0.900	0.900	0.900	
Phase Error(degrees):	-0.35	0.46	0.00	0.09	0.16	0.34	
Upper Limit:	10.00	10.00	10.00	10.00	10.00	10.00	
Lower Limit:	-10.00	-10.00	-10.00	-10.00	-10.00	-10.00	
			MEDIUM				
Zero Error(mho/m):	-13.9	15.8	-5.5	10.0	-1.7	9.0	
Upper Limit:	100.0	100.0	100.0	100.0	100.0	100.0	
Lower Limit:	-100.0	-100.0	-100.0	-100.0	-100.0	-100.0	
Gain:	1.008	0.995	1.004	0.992	1.006	0.992	
Upper Limit:	1.100	1.100	1.100	1.100	1.100	1.100	
Lower Limit:	0.900	0.900	0.900	0.900	0.900	0.900	
Phase Error(degrees):	-0.26	0.55	0.34	0.05	1.04	0.33	
Upper Limit:	10.00	10.00	10.00	10.00	10.00	10.00	
Lower Limit:	-10.00	-10.00	-10.00	-10.00	-10.00	-10.00	
SFL CALIBRATIONS:							
	OFFSET	MIN	MAX	UNITS	GAIN	MIN	MAX
Voltage:	-1.5	-100.0	100.0	uV	0.995	0.800	1.200
Current:	-0.2	-25.0	25.0	uA	0.992	0.800	1.200

03/27/05	07:00	395.0 M	Ver 50223795	Job 4111419
SIMULTANEOUS TRIPLE INDUCTION AFTER SURVEY CALIBRATION				
TOOL TYPE: STI-AC		SONDE SERIAL NO: STSB113		ELECTRONICS SERIAL NO: STCB113
10KHz 20KHz 40KHz				
R	X	R	X	R X
DEEP				

Zero Error(mmho/m):	-21.9	8.2	-7.6	9.4	0.1	10.0	
Upper Limit:	100.0	100.0	100.0	100.0	100.0	100.0	
Lower Limit:	-100.0	-100.0	-100.0	-100.0	-100.0	-100.0	
Gain:	1.003	0.993	1.004	0.988	1.002	0.988	
Upper Limit:	1.100	1.100	1.100	1.100	1.100	1.100	
Lower Limit:	0.900	0.900	0.900	0.900	0.900	0.900	
Phase Error(degrees):	-0.26	0.62	0.22	0.20	0.75	0.55	
Upper Limit:	10.00	10.00	10.00	10.00	10.00	10.00	
Lower Limit:	-10.00	-10.00	-10.00	-10.00	-10.00	-10.00	
MEDIUM							
Zero Error(mmho/m):	-22.0	8.4	-7.6	9.7	0.3	10.0	
Upper Limit:	100.0	100.0	100.0	100.0	100.0	100.0	
Lower Limit:	-100.0	-100.0	-100.0	-100.0	-100.0	-100.0	
Gain:	1.003	0.993	1.002	0.988	1.002	0.989	
Upper Limit:	1.100	1.100	1.100	1.100	1.100	1.100	
Lower Limit:	0.900	0.900	0.900	0.900	0.900	0.900	
Phase Error(degrees):	-0.25	0.63	0.47	0.21	1.32	0.53	
Upper Limit:	10.00	10.00	10.00	10.00	10.00	10.00	
Lower Limit:	-10.00	-10.00	-10.00	-10.00	-10.00	-10.00	
SFL CALIBRATIONS:							
	OFFSET	MIN	MAX	UNITS	GAIN	MIN	MAX
Voltage:	-1.1	-100.0	100.0	uV	0.997	0.800	1.200
Current:	-0.2	-25.0	25.0	uA	0.994	0.800	1.200

O.H. Adaptor Head

Weight	18.0 kg
Length	0.74 m
Max. Diameter	8.9 cm
Total Stack Weight	877.5 kg in air
Total Stack Length	34.50 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

Borehole Compensated Sonic

Weight	104.0 kg
Length	4.62 m
Max. Diameter	8.6 cm

Centralizer

Weight	30.9 kg
Length	1.38 m
Max. Diameter	8.6 cm

MRT 400

Weight	121.5 kg
Length	4.04 m
Max. Diameter	12.7 cm

SPeD 400 Electronics

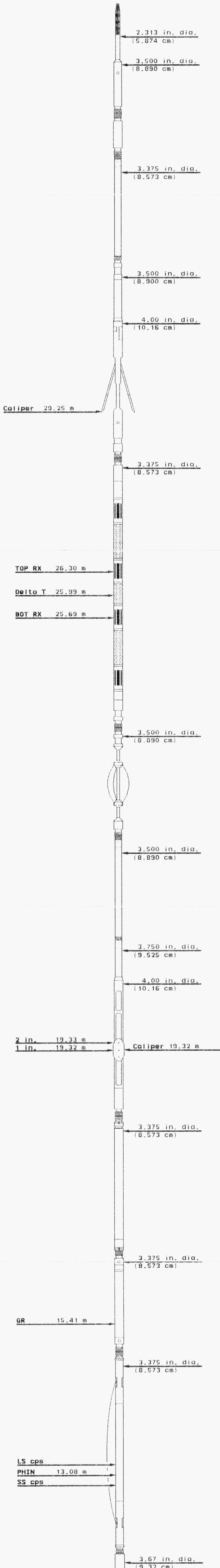
Weight	56.7 kg
Length	2.92 m
Max. Diameter	8.6 cm

Universal GR

Weight	37.3 kg
Length	1.40 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 9.61 m
 4.19 in. dia.
 (10.64 cm)
 LS cps/PE
 PHID 9.63 m
 SS cps/PE

Simultaneous Triple Induction

Weight 176.9 kg
 Length 8.75 m
 Max. Diameter 10.2 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 PARAMOUNT RESOURCES LTD.

WELL PARA ET AL CAMERON 2M-73

FIELD CAMERON HILLS PROVINCE N.T.

