

NEB COPY

CS400

COMPUTALOG

BOREHOLE COMPENSATED
SONIC LOGPROVINCE NORTH WEST TERRITORIES
FIELD CAMERON HILLS
WELL PARA ET AL CAMERON H-03
COMPANY PARAMOUNT RESOURCES LTD.

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WELL PARA ET AL CAMERON H-03

FIELD CAMERON HILLS

PROVINCE NORTH WEST TERRITORIES

LOCATION
H-03 60° 10', 117° 30'Other Services:
SPED/CNT/GR/DAC
STI MRTPerm. Datum GROUND LEVEL Elev. 764.50 m
Log measured from KB, 4.47 m above
Permanent Datum. ELEV. K.B. 768.97 m
G.L. 764.50 m
CBF

Date 05-MAR-2002

Run No. ONE

First Reading 1647.6 m

Last Reading 423.0 m

Meters Meas. 1224.6 m

Depth Reached 1660.7 m

Bot. Driller 1661.0 m

CS9. Logger 423.0 m

CS9. Driller 423.0 m

Fluid Type GEL CHEMICAL

Dens. & Visc. 1120 75

Mud PH 10.0

Mud Water Loss 9.0

Mud Res. @ BHT 0.5 @ 16 °C

Rmc @ Meas. Temp. 0.3 @ 49 °C

Rmf @ Meas. Temp. 0.3 @ 15 °C

Rmf @ BHT 0.2 @ 15 °C

Bit Size 222 mm

Socding 0.61 m

Operating Time 3.0 hrs.

Unit # 380

Location EDMONTON

Recorded By D. HRYNIAK

Witnessed By D. NORDBY

ALL INTERPRETATIONS ARE OPINIONS BASED ON INFERENCES FROM ELECTRICAL OR OTHER MEASUREMENTS AND WE CANNOT AND DO NOT GUARANTEE THE ACCURACY OR CORRECTNESS OF ANY INTERPRETATION, AND WE SHALL NOT, EXCEPT IN THE CASE OF GROSS OR WILLFULL NEGLIGENCE ON OUR PART, BE LIABLE OR RESPONSIBLE FOR ANY LOSS, COSTS, DAMAGES, OR EXPENSES INCURRED OR SUSTAINED BY ANYONE RESULTING FROM ANY INTERPRETATION MADE BY ANY OF OUR OFFICERS, AGENTS OR EMPLOYEES. THESE INTERPRETATIONS ARE ALSO SUBJECT TO OUR GENERAL TERMS AND CONDITIONS SET OUT IN OUR CURRENT PRICE SCHEDULE.

REMARKS Rig: PRECISION #117 Service Order # 30010823
Drilling Stopped 12:00/4th Circulation Stopped 18:30/4th Tool on Bottom 02:13/5th BHT 49 °C
STI/GR/HBC/CAL LOGGED IN COMBINATION

Prints: 2

CHANGES IN MUD TYPE OR NEW SAMPLE

Date	Sample No.	Type Log
Depth - Driller		
Type Fluid in Hole		
Dens. Visc.		
pH Water Loss		
Source of Sample		
Rm @ Meas. Temp.	@ °C	Run No.
Rmf @ Meas. Temp.	@ °C	ONE
Rmc @ Meas. Temp.	@ °C	ONE
Source Rmf	Rmc	ONE
Rm @ BHT	@ °C	
Rmf @ BHT	@ °C	
Rmc @ BHT	@ °C	

SCALE CHANGES

Interval

Scale

EQUIPMENT DATA

Tool Type	Tool No.	Other
HBC-AA	126	CENTRALIZED
UGR-JB	192	RA-20S-124
CAL-FA	117	

REMARKS

MAIN PASS
1:600 SCALE
500-100 usec/m

VERSION 2002.01.30.16

MAIN PASS

30010823 STIMP

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

Tension

10000 Pounds 0

Y Caliper

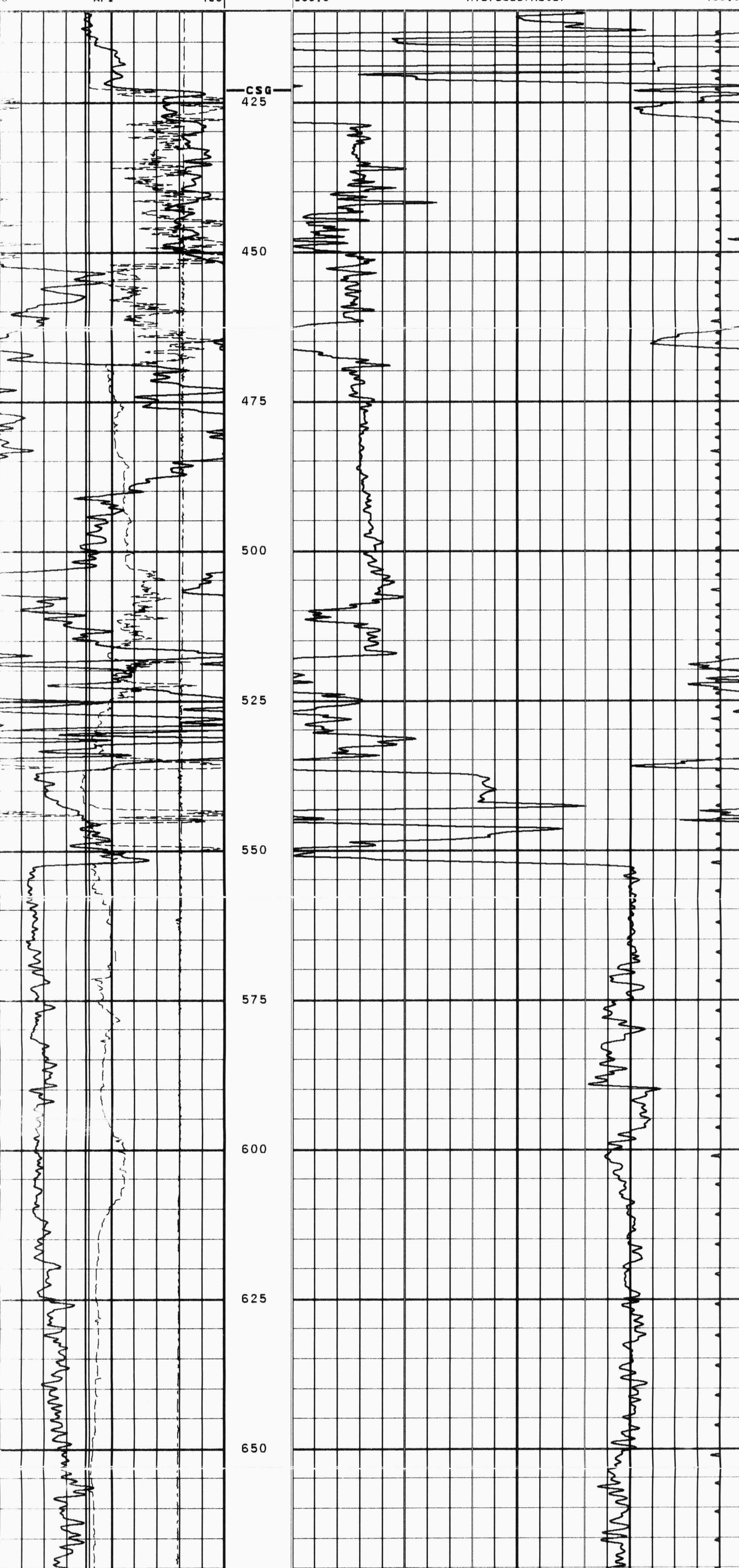
125 Millimeters 375

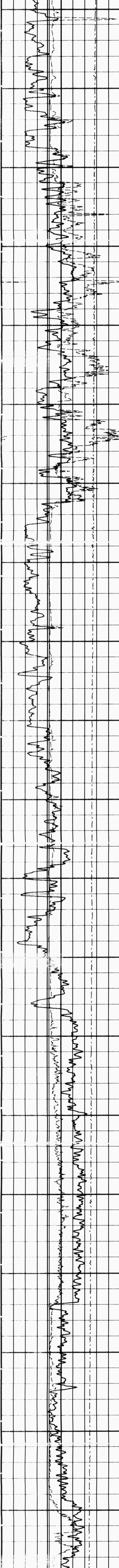
Ray

API 150

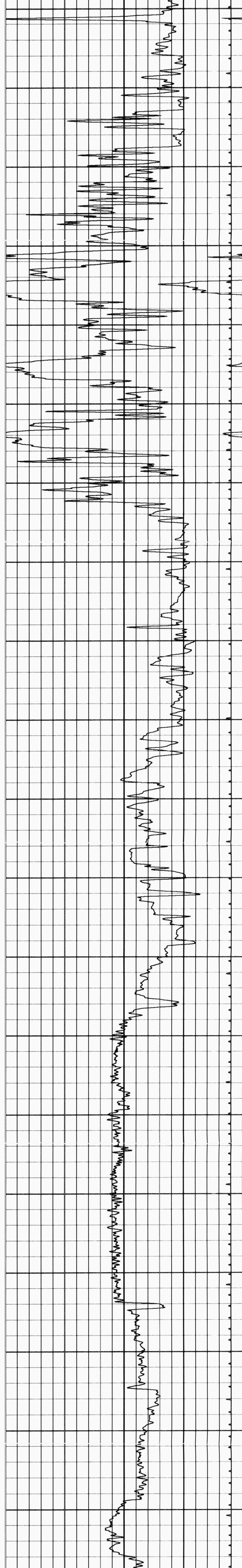
BCS Delta Time

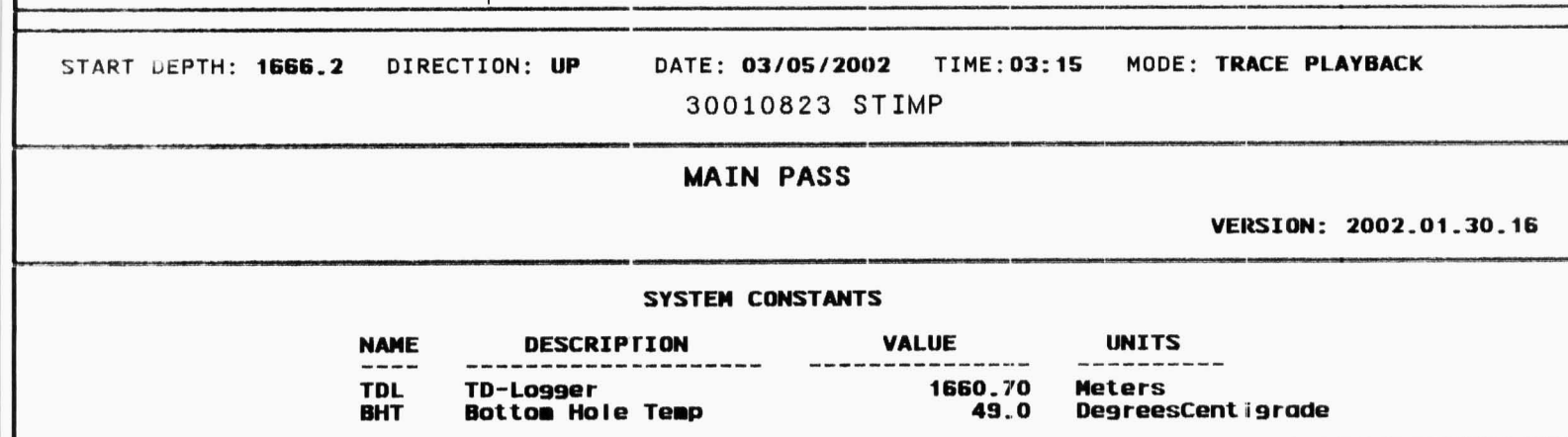
500.0 Microsec/Meter 100.0





675
700
725
750
775
800
825
850
875
900
925
950
975
1000
1025
1050
1075
1100
1125
1150



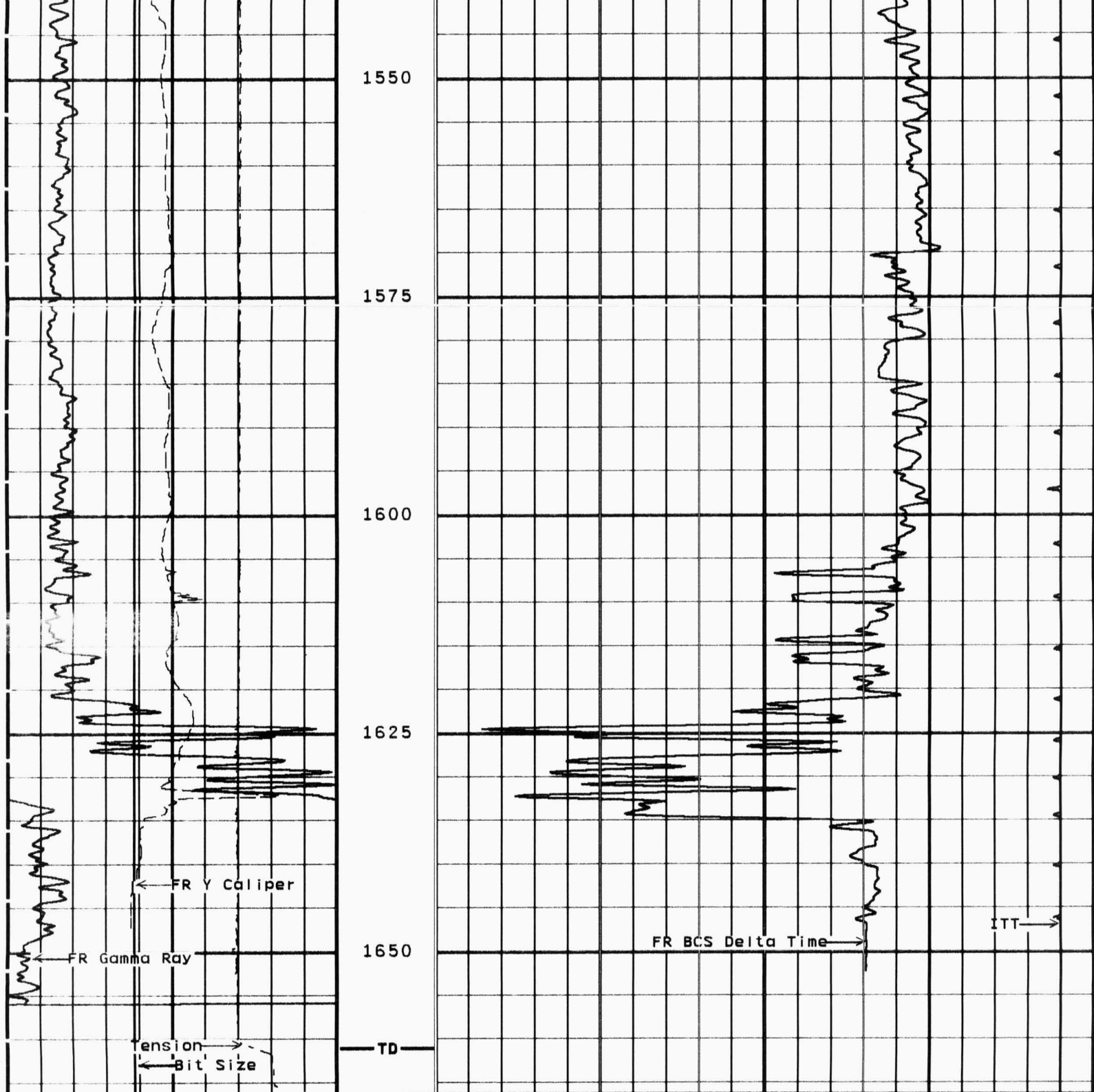


VERSION 2002.01.30.16

MAIN PASS

30010823 STIMP

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



Gamma Ray		BCS Delta Time	
0	API	300.0	Microsec/Meter
125	Millimeters		100.0
Tension			
10000	Pounds		0

START DEPTH: 1666.2 DIRECTION: UP DATE: 03/05/2002 TIME: 03:15 MODE: TRACE PLAYBACK
30010823 STIMP

MAIN PASS
VERSION: 2002.01.30.16

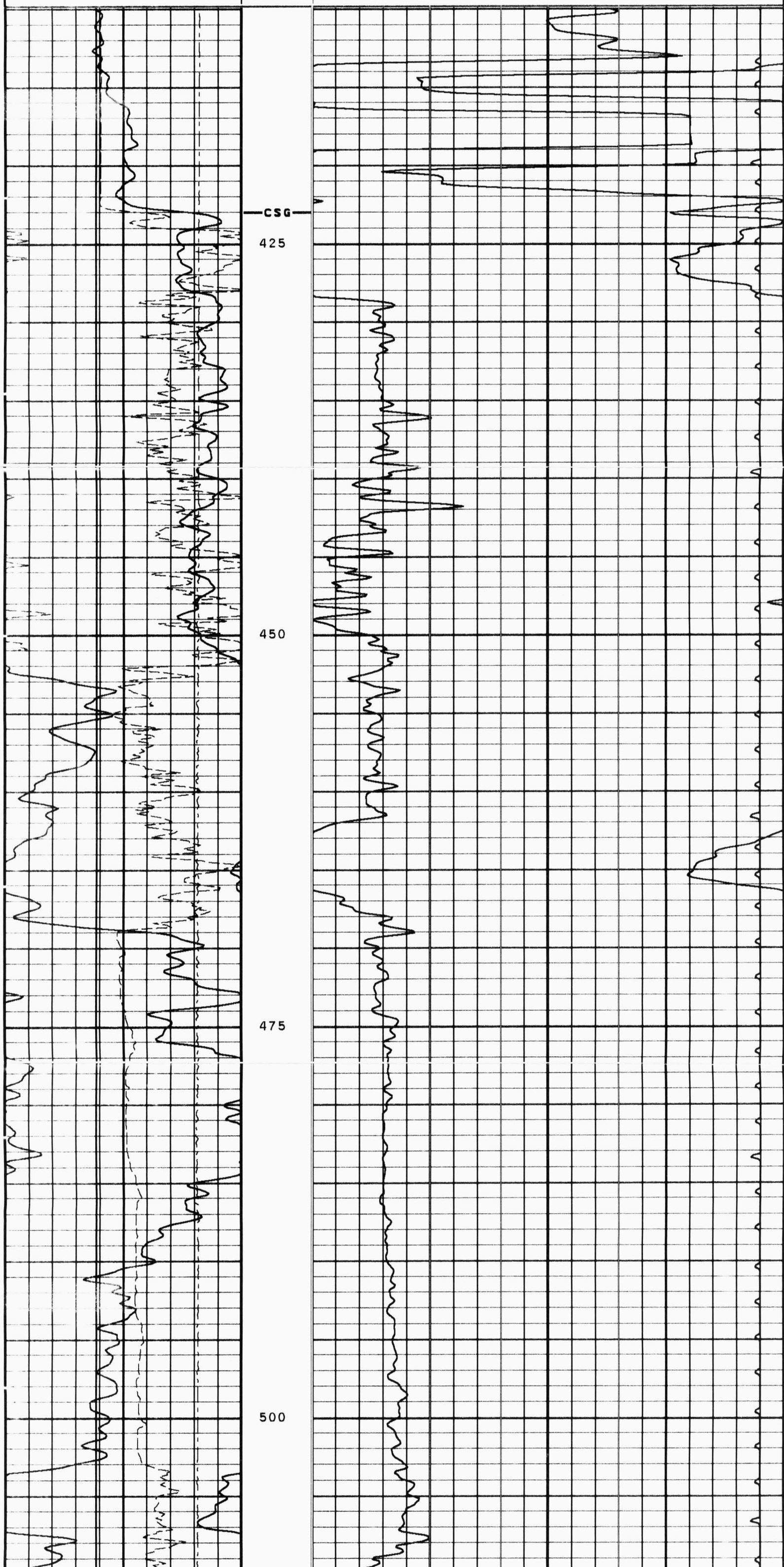
SYSTEM CONSTANTS			
NAME	DESCRIPTION	VALUE	UNITS
TDL	TD-Logger	1660.70	Meters
BHT	Bottom Hole Temp	49.0	DegreesCentigrade

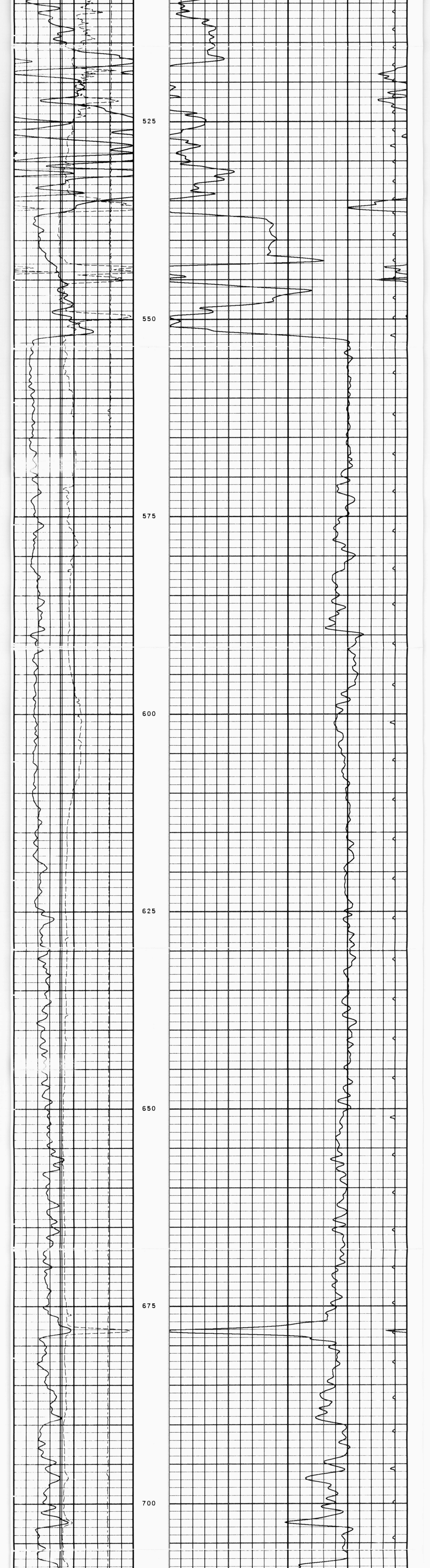
REMARKS
MAIN PASS
1:240 SCALE
500-100 usec/m

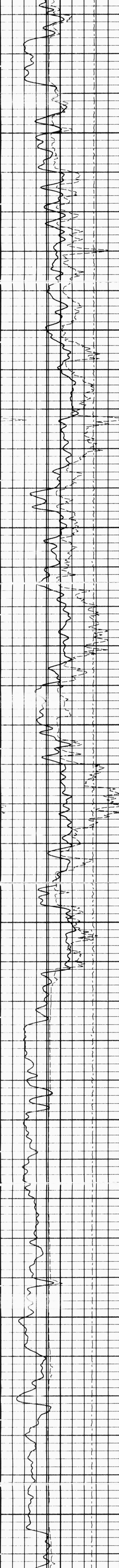
MAIN PASS
VERSION 2002.01.30.16

30010823 STIMP
FINISH DEPTH: 0.0 Meters DIRECTION: UP DATE: TIME: MODE: TRACE PLAYBACK

Tension		BCS Delta Time	
10000	Pounds	500.0	Microsec/Meter
125	Millimeters		100.0
Y Caliper			
0	API		
150			







725

750

775

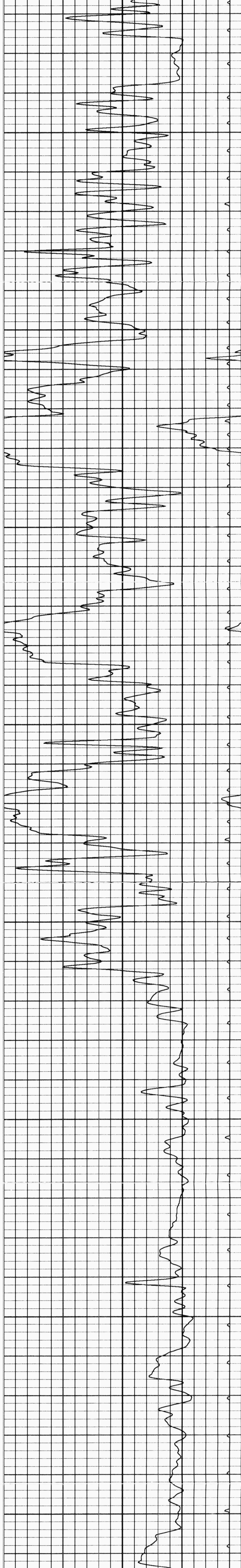
800

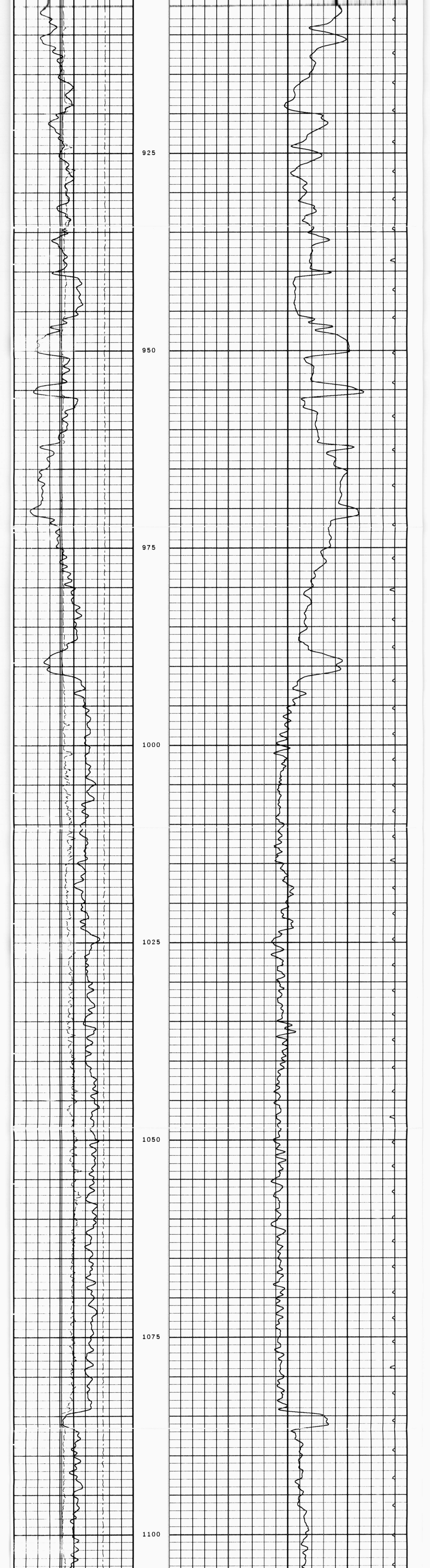
825

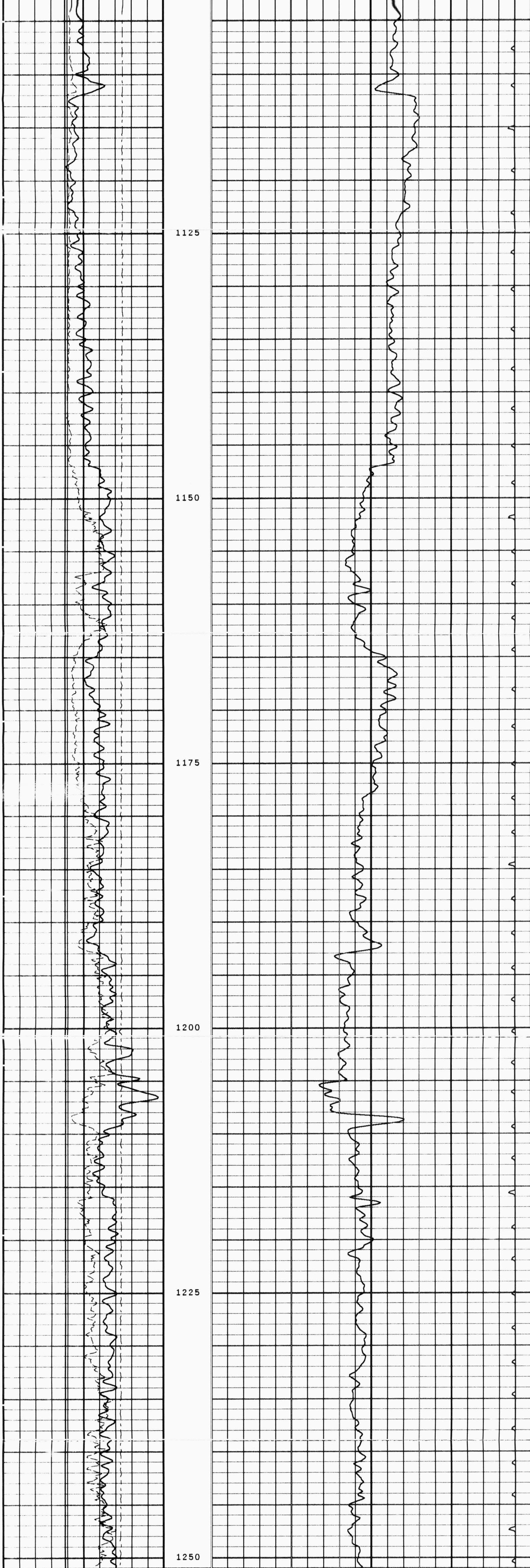
850

875

900







Gamma Ray		BCS Delta Time	
0	API 150	500.0	Microsec/Meter 100.0
Y Caliper			
125	Millimeters 375		
Tension			
10000	Pounds 0		

START DEPTH: 1666.2	DIRECTION: UP	DATE: 03/05/2002	TIME: 03:15	MODE: TRACE PLAYBACK
30010823 STIMP				

MAIN PASS			VERSION: 2002.01.30.16
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SYSTEM CONSTANTS			
NAME	DESCRIPTION	VALUE	UNITS
TDL	TD-Logger	1660.70	Meters
BHT	Bottom Hole Temp	49.0	DegreesCentigrade

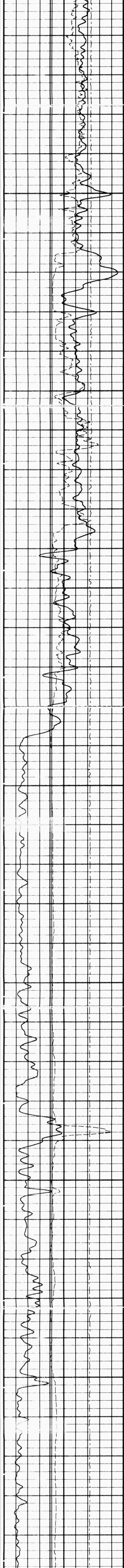
REMARKS	
MAIN PASS 1:240 SCALE 300-100 usec/m	

MAIN PASS		VERSION 2002.01.30.16
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30010823 STIMP	
FINISH DEPTH: 1477.6 Meters	DIRECTION: UP
DATE: 03/05/2002	TIME: 02:53
MODE: TRACE PLAYBACK	

Tension		BCS Delta Time	
10000	Pounds 0	300.0	Microsec/Meter 100.0
Y Caliper			
125	Millimeters 375		
Gamma Ray			
0	API 150		

		1250	
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1275

1300

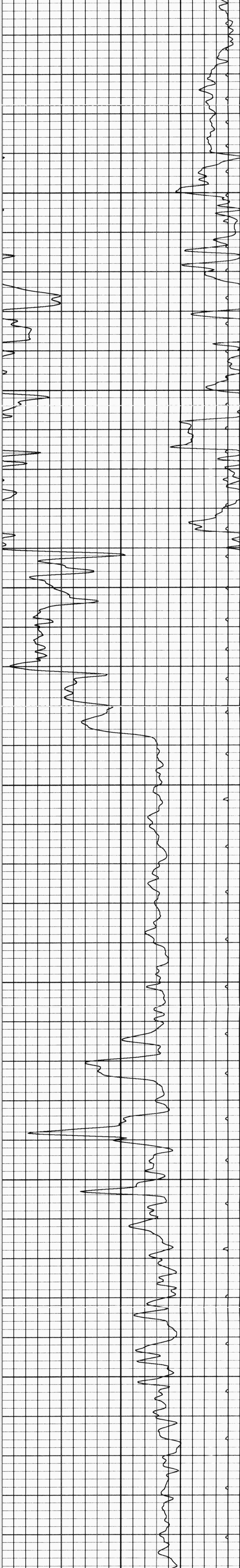
1325

1350

1375

1400

1425



1450

1475

1500

1525

1550

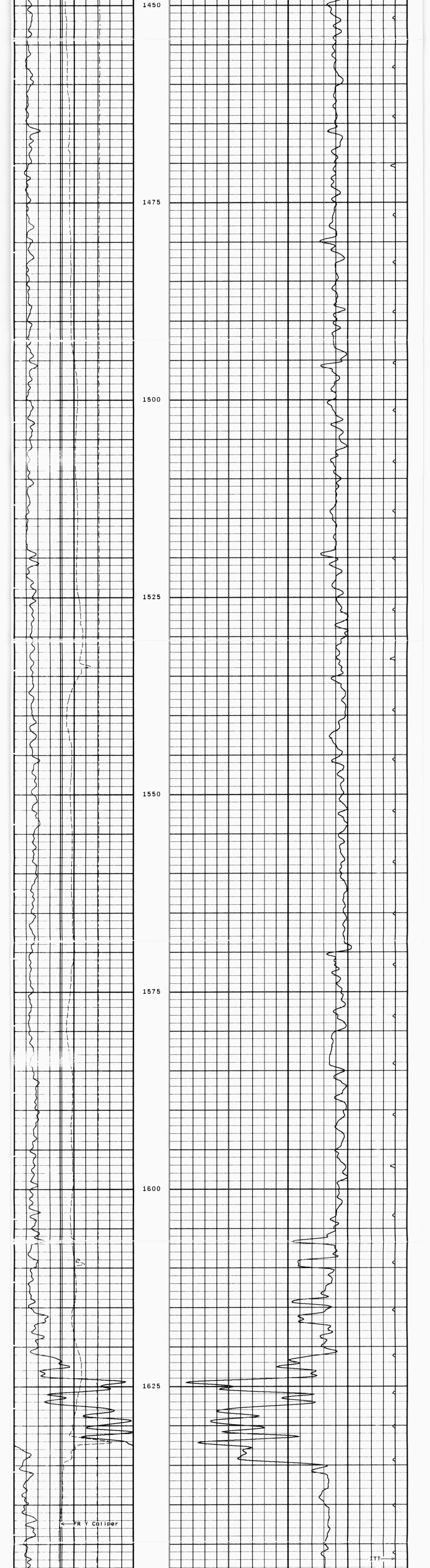
1575

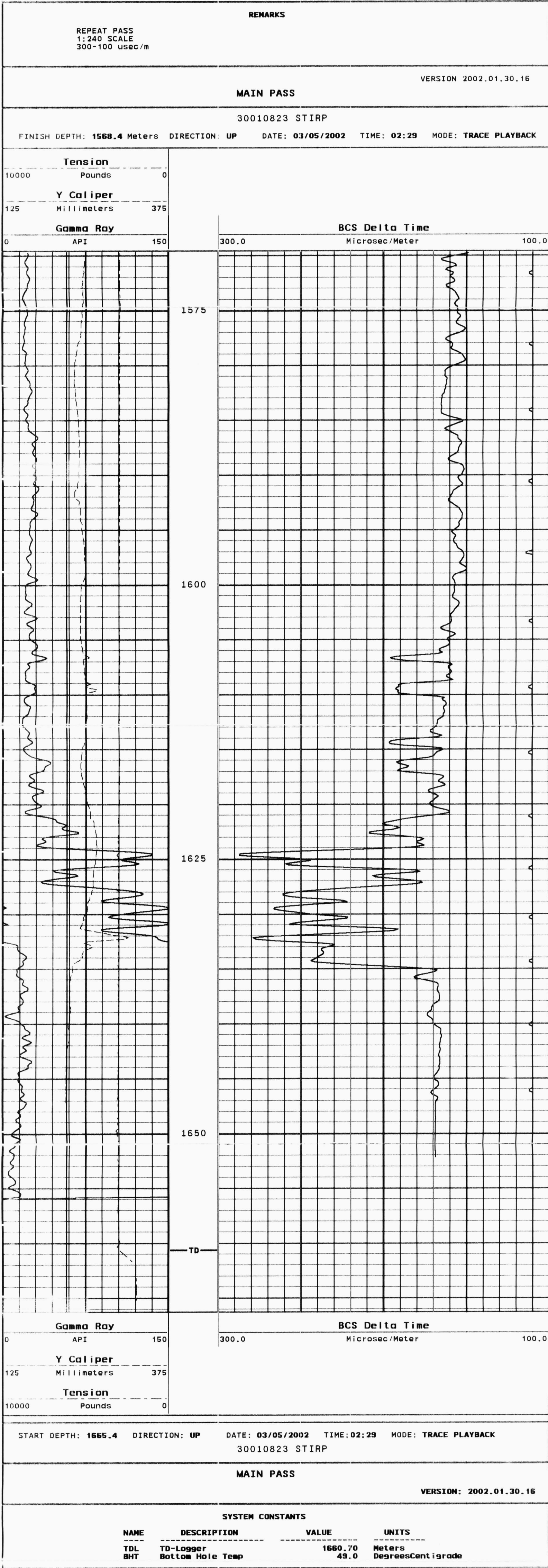
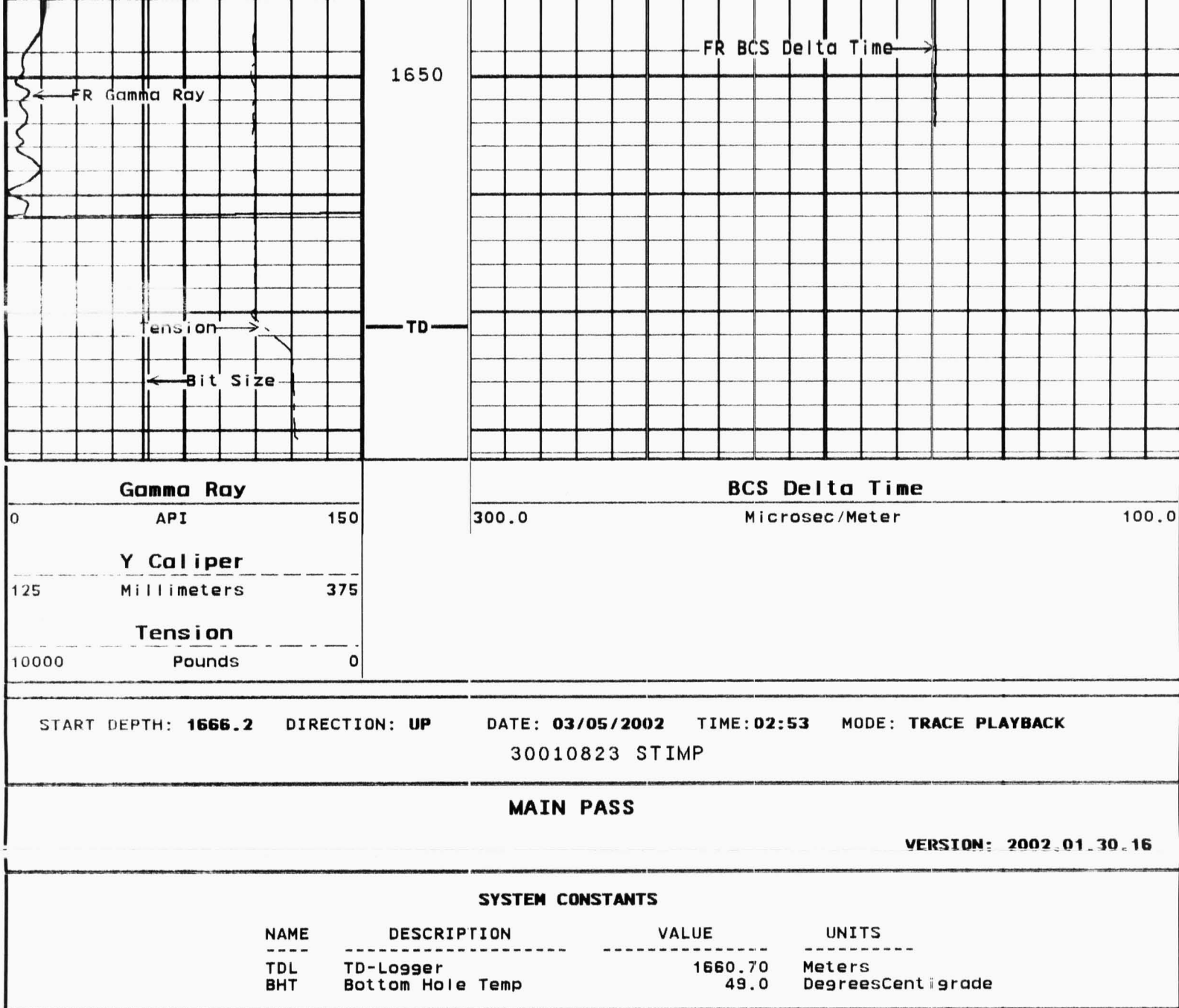
1600

1625

FR Y Caliper

ITT





Tool Type: CAL-FA Serial No: calf117

	Measured		Units	Calibrated		Units
	Small	Large		Small	Large	
WCL0	822.5	1478.6	mv	177.0	355.0	mm

03/04/02 23:42 0.0 M Ver 2.0b-2.0b Job 30010823

Gamma Ray Before Survey Calibration

Tool Type: UGR-JA Serial No: ugrj192
Calibrator No: RA-20S-124

Background	Calibrator	Standard	Units
185.3	669.0	140.0	API
Delta Counts Per Sec: 433.7		CPS/API = 3.455	

O.H. Adaptor Head

Weight 18.0 kg
Length 0.74 m
Max. Diameter 8.9 cm
Total Stack Weight 543.3 kg in air
Total Stack Length 23.52 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

Centralizer

Weight 30.9 kg
Length 1.39 m
Max. Diameter 8.9 cm

Borehole Compensated Sonic

Weight 104.0 kg
Length 4.67 m
Max. Diameter 8.6 cm

Centralizer

Weight 30.9 kg
Length 1.39 m
Max. Diameter 8.9 cm

Universal GR

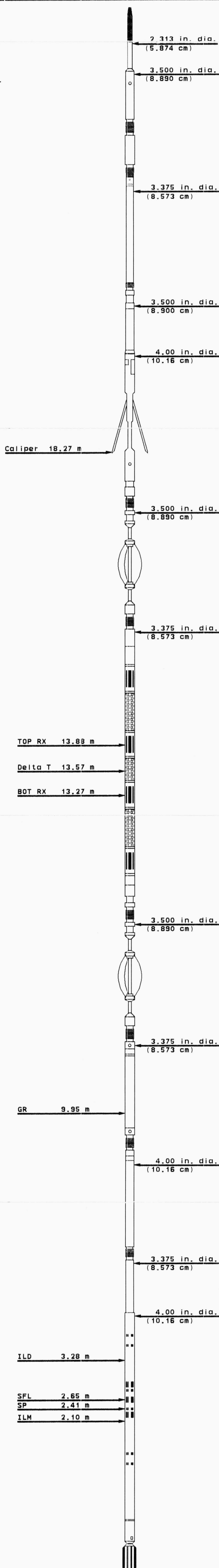
Weight 37.3 kg
Length 1.40 m
Max. Diameter 8.6 cm

Simultaneous Triple Induction

Weight 176.9 kg
Length 8.75 m
Max. Diameter 10.2 cm

Stand - Off

Weight 5.5 kg
Length 0.20 m



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