

PRECISION

Wireline Technologies

MONOPOLE DIPOLE ACOUSTIC

N.E.B. COPY



PROVINCE NORTHWEST TERRITORIES
FIELD NETLA
WELL ANADARKO EMILE LAKE A-77
COMPANY ANADARKO CANADA CORPORATION.

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PROVINCE NORTHWEST TERRITORIES

LSD A Sec. 77 Twp. R98.
Perm. Datum GROUND LEVEL Elev. 524.70 m
Log measured from KB 5.10 m above
Permanent Datum.
Other Services:
SPED-CNT-GR-DAC
HMI STI DIL
ELEV. K.B. 530.80 m
G.L. 524.70 m
CBF -----

Date 15-MAR-2004

Run No. ONE

Bot. Driller 2265.0 m

Bot. Logger 2262.5 m

First Reading 2241.5 m

Last Reading 1966.7 m

Meters Meas. 274.9 m

CS9. Driller 1969.0 m

CS9. Logger 1966.7 m

Bit Size 155.6 mm

Fluid Type GEL CHEMICAL

Dens. Visc. 1025 47

PH Fluid Loss 10.5 N/A

Sample Source FLOWLINE

Rm @ Meas. Temp. 1.6 @ 21 °C

Rmf @ Meas. Temp. N/A @ N/A °C

Rmc @ Meas. Temp. N/A @ N/A °C

Rm @ BHT 0.6 @ 98 °C

Rmc @ BHT 98 °C

Spacing 0.61m

Operating Time 6.0 HRS

Unit # 360

Location GRANDE PRAIRIE OH

Recorded By V. LONG

Witnessed By H. COMAN

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: AKITA 37 Service Order # 30028933
Drilling Stopped 13:00/16 Circulation Stopped 13:45/16 Tool on Bottom 00:45/16 BHT 98 °C
STI-SP-HMI-MDA-CAL LOGGED IN COMBINATION

Prints: 2

PRESENTATION AS PER CUSTOMER REQUEST

CHANGES IN MUD TYPE OR NEW SAMPLE				SCALE CHANGES		
Date	Sample No.			Type Log	Interval	Scale
Depth - Driller						
Type Fluid in Hole						
Dens.	Visc.					
PH	Water Loss					
Source of Sample				EQUIPMENT DATA		
Rm @ Meas. Temp.	@	°C		Run No.	Tool Type	Tool No.
Rmf @ Meas. Temp.	@	°C		ONE	MDA-AA	001
Rmc @ Meas. Temp.	@	°C			UGR-JB	202
Source Rmf	Rmc				CAL-FA	166
Rm @ BHT	@	°C				
Rmf @ BHT	@	°C				
Rmc @ BHT	@	°C				

REMARKS

MAIN PASS 1:240 SCALE

DEPTH SCALE: 1:240

VERSION: 2004.02.11.263

MERGED PASS

30028933 MDAMP

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

Tension (TENS)

10000 Pounds 0

Gamma Ray (GR)

0 API 150

Y Caliper (CAL2)

125 Millimeters 375

DELTA TIME (COMP)

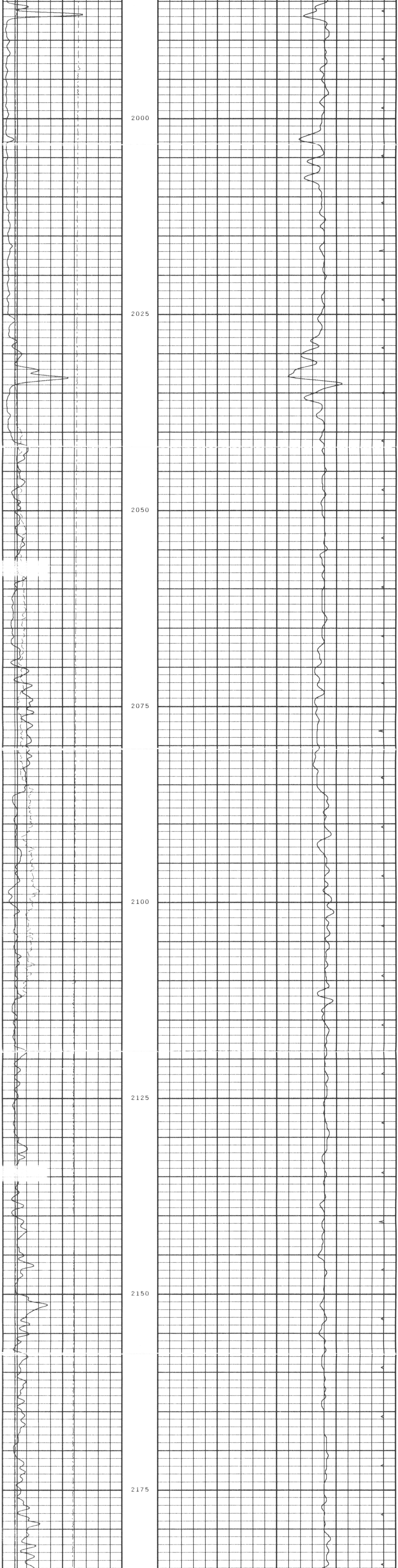
300.0 Microsec/Meter 100.0

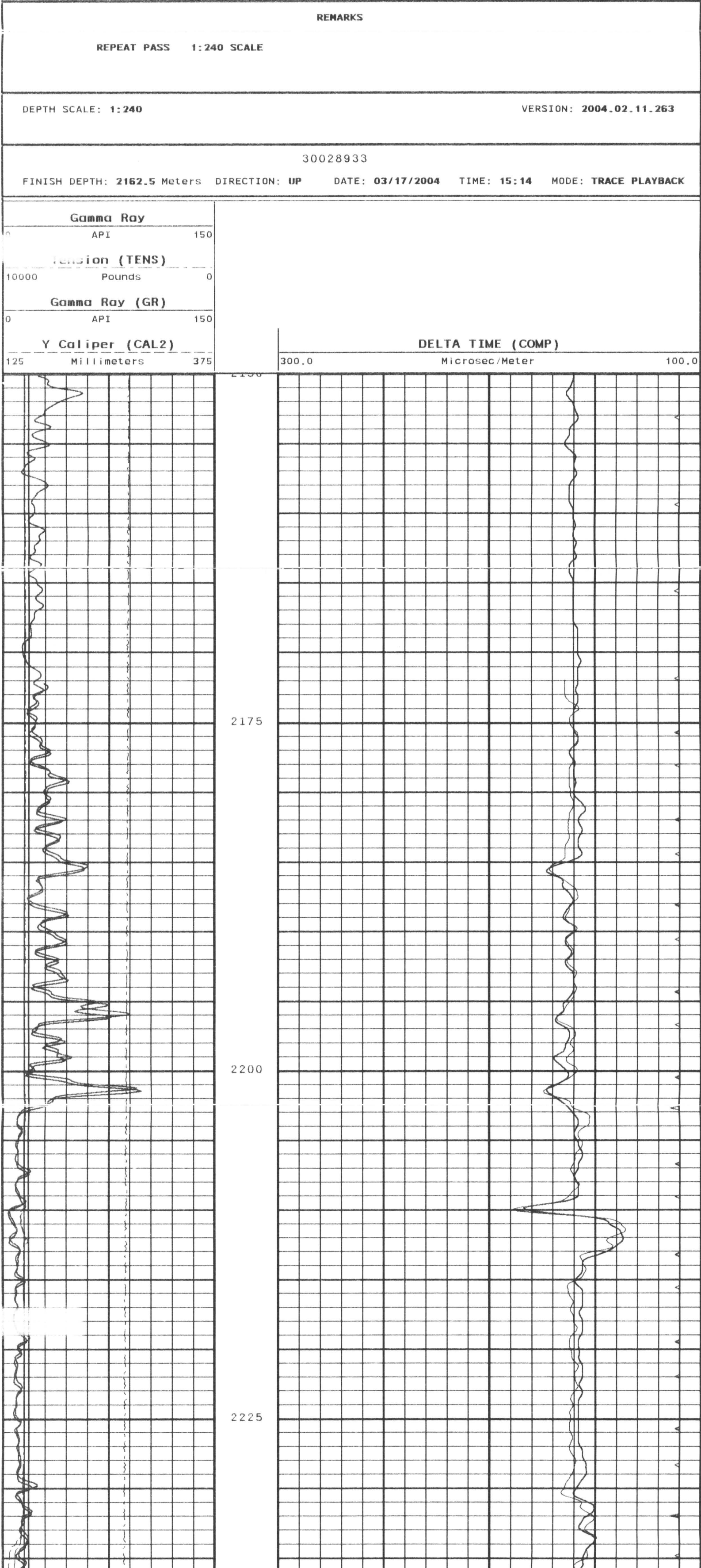
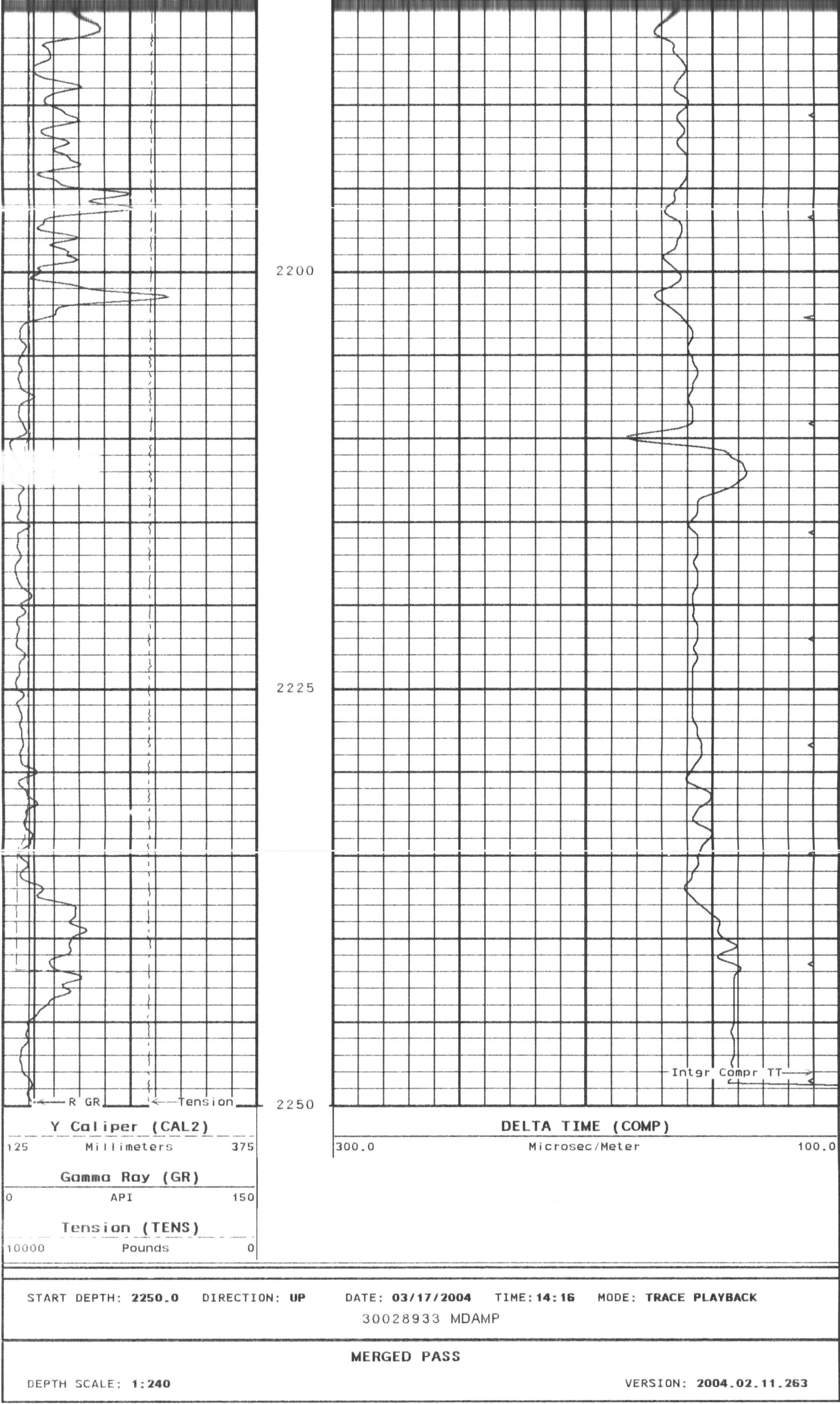
1925

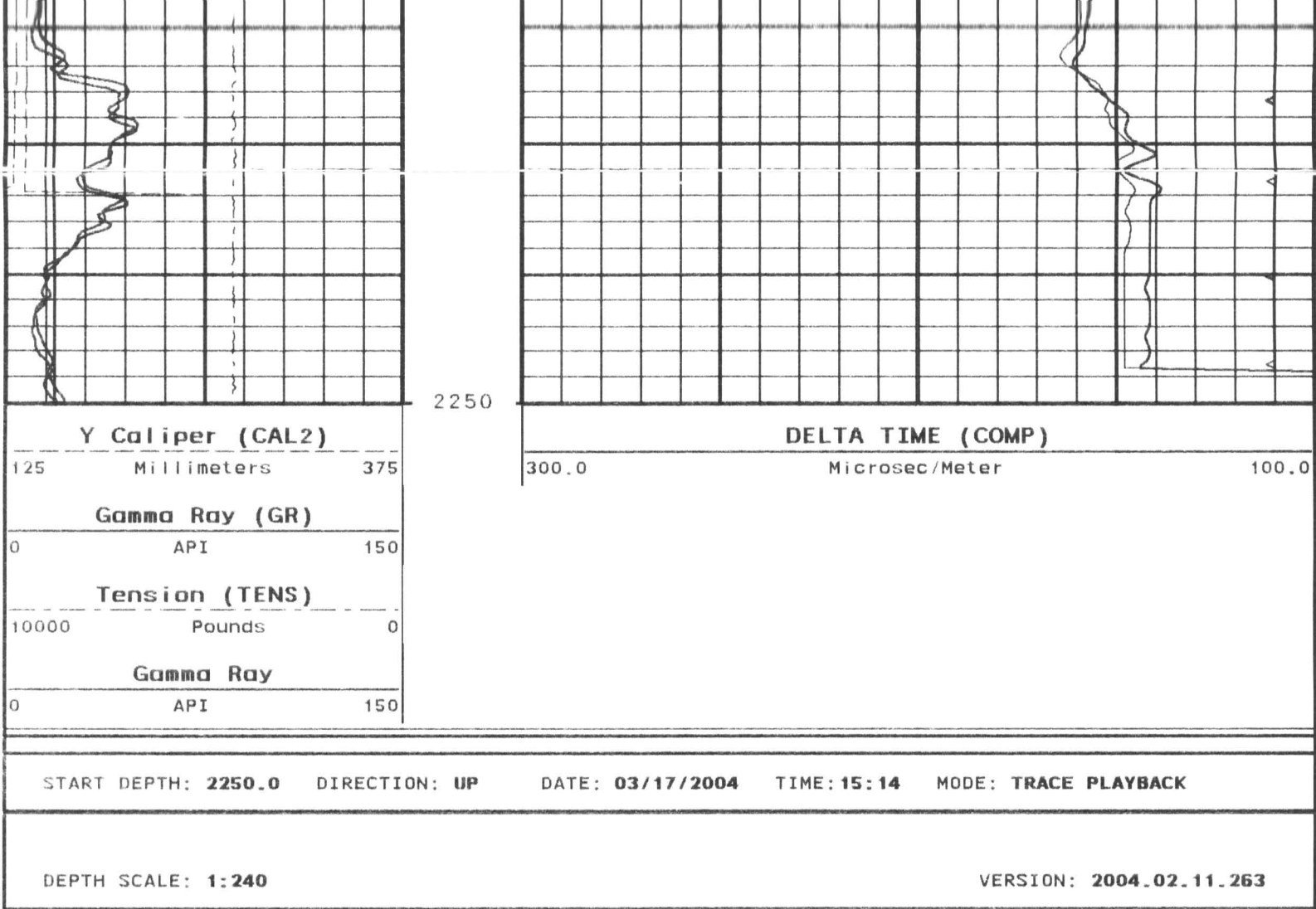
1950

CSG

1975







REMARKS

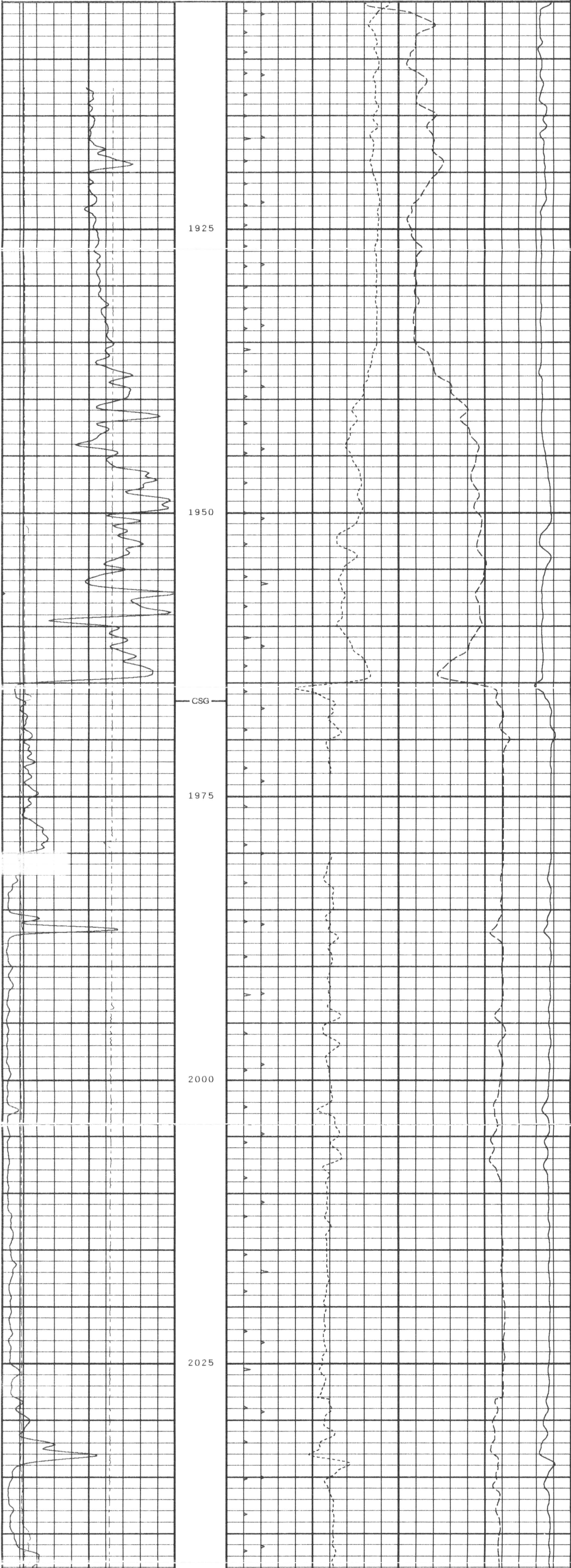
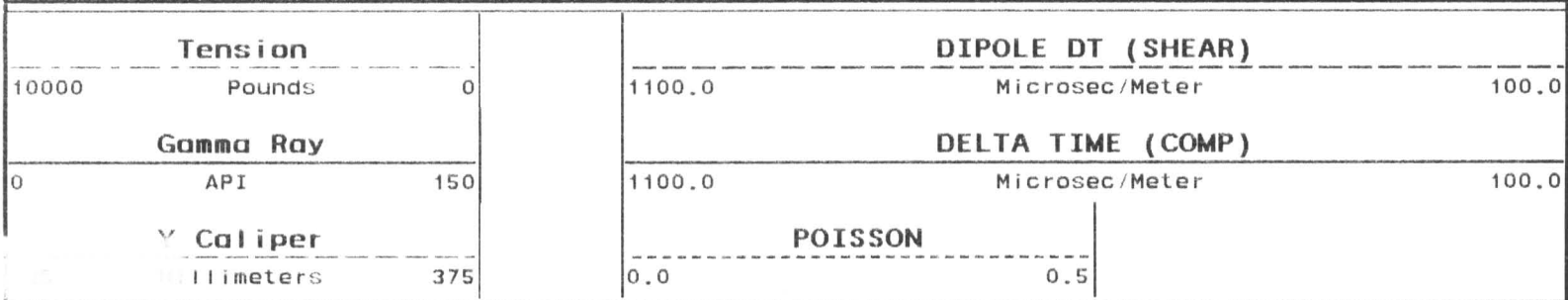
MAIN PASS 1:240 SCALE

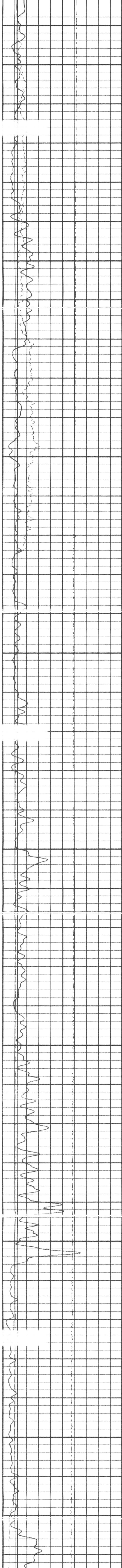
DEPTH SCALE: 1:240 VERSION: 2004.02.11.263

MERGED PASS

30028933 MDAMP

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





2050

2075

2100

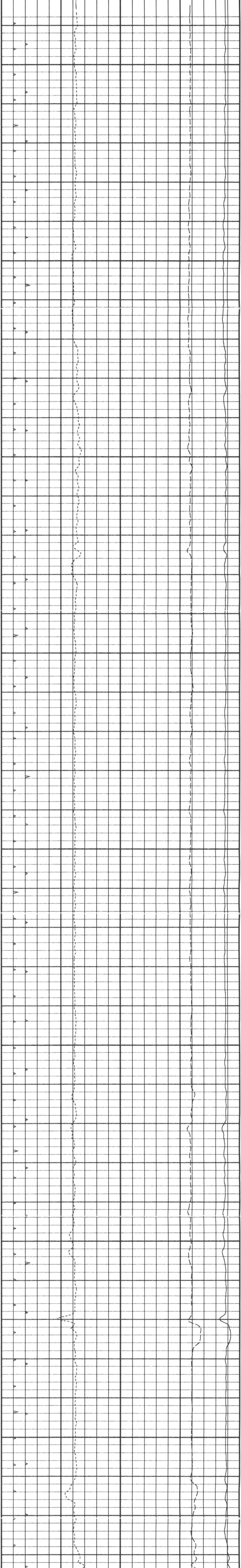
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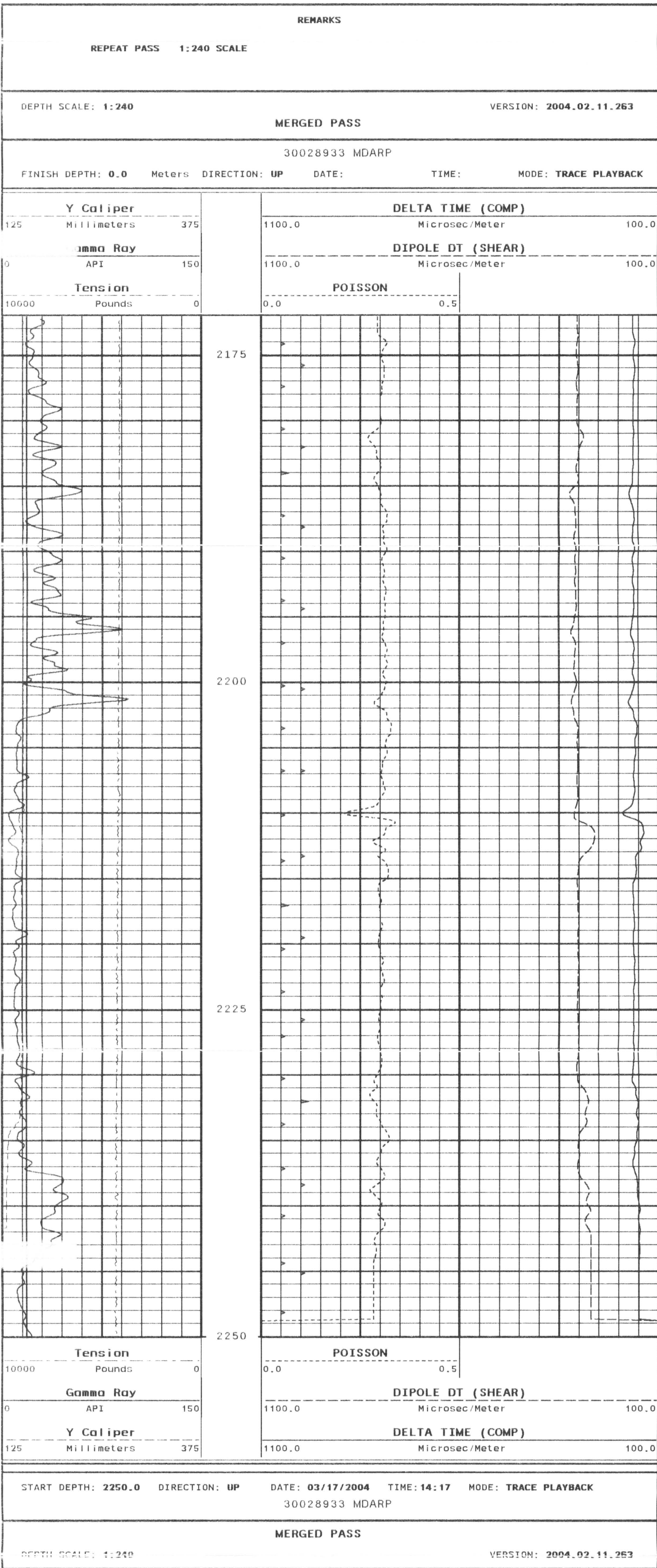
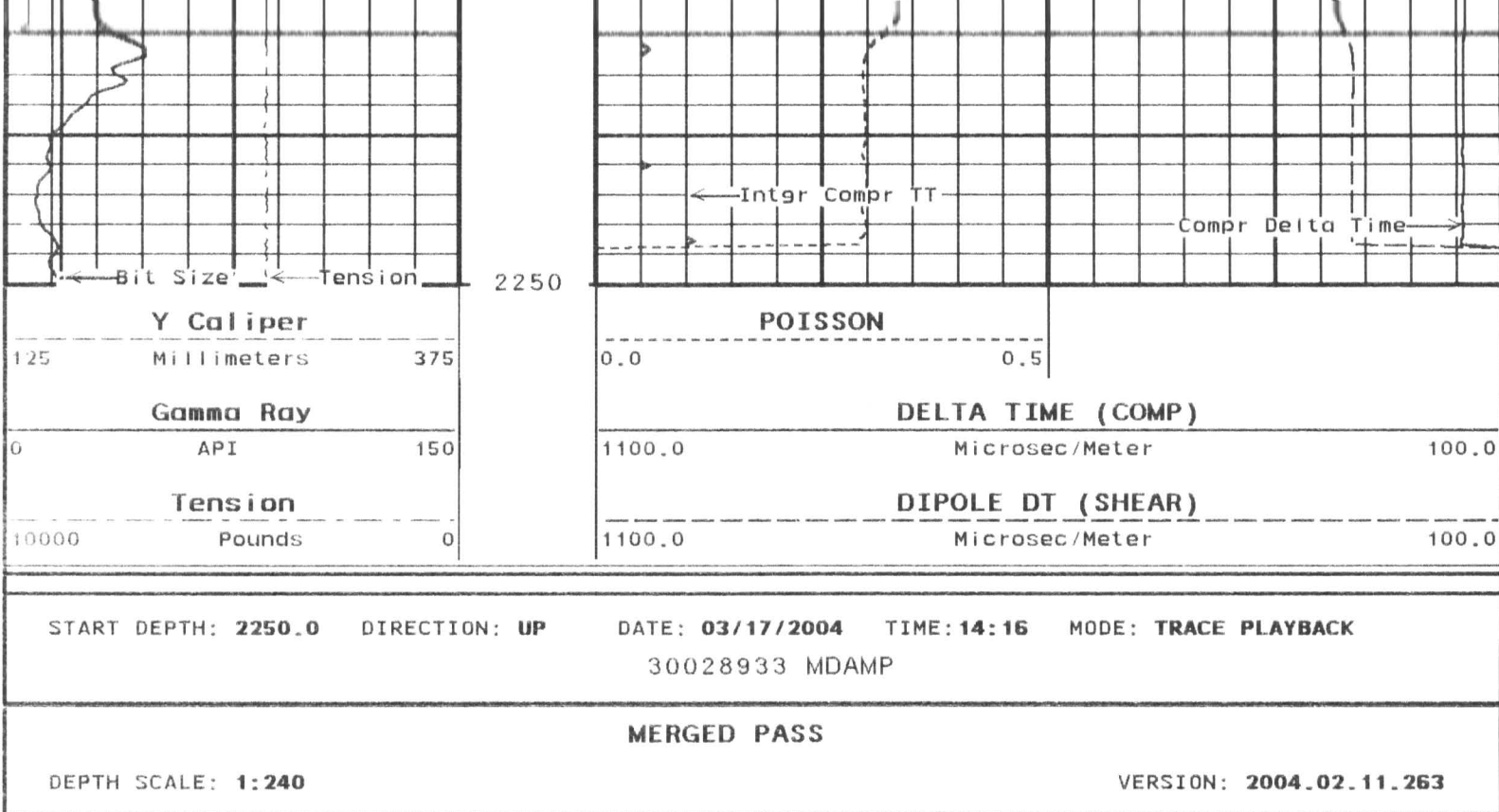
2150

2175

2200

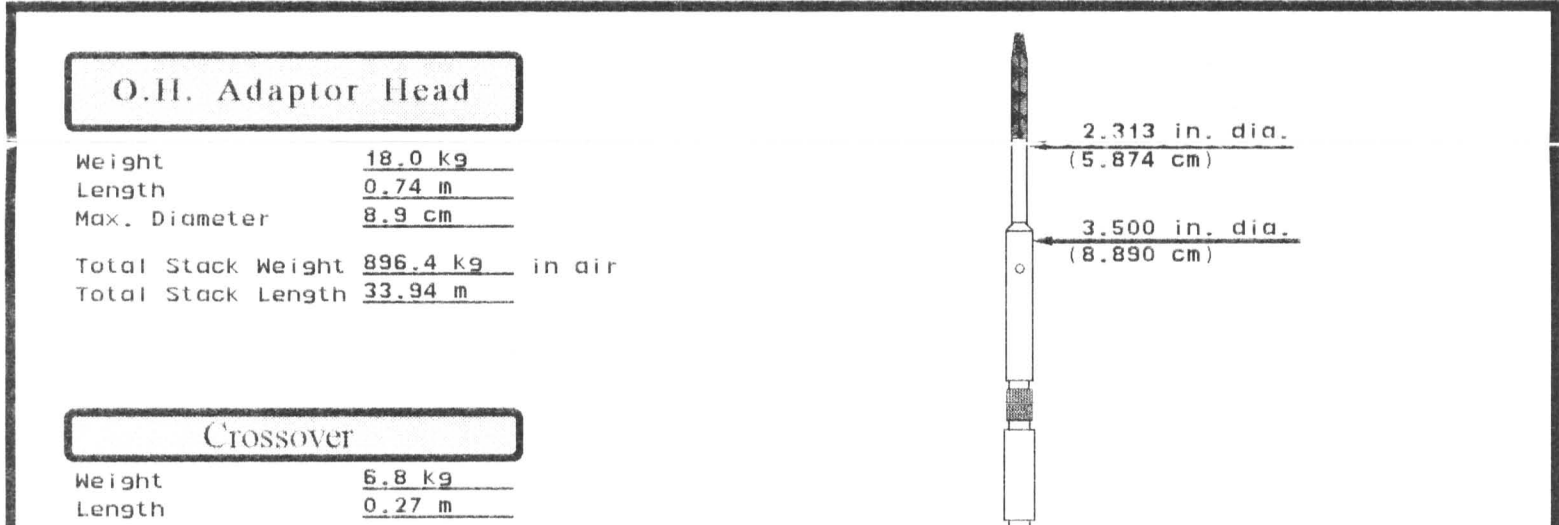
2225





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	Units	
	Small	Large	Small	Large
WCLO	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		



Downhole Tension/Compression

Weight	34.9 kg
Length	0.92 m
Max. Diameter	8.6 cm

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

Monopole Dipole Array

Weight	274.0 kg
Length	10.46 m
Max. Diameter	8.6 cm

Dipole Tx 24.33 m

Dipole Tx 24.33 m

Monopole Tx 23.64 m

Receiver #1 20.90 m

High Resolution Micro Imager

Weight	196.5 kg
Length	5.88 m
Head Diameter	13.3 cm

INSTRUMENT / ELECTRONICS PACKAGING

Pads/Calipers/Dir	12.05 m
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Mass Isolator

Weight	<u>19.0 kg</u>
Length	<u>0.81 m</u>
Max. Diameter	<u>8.6 cm</u>

Universal GR

Weight	37.3 kg
Length	1.40 m
Max. Diameter	8.6 cm

GR 9.75 m

Simultaneous Triple Induction

Weight	176.9 kg
Length	8.75 m
Max. Diameter	10.2 cm

ILD 3.08 m

SFL 2.45 m

SP 2.21 m

ILM 1.90 m

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