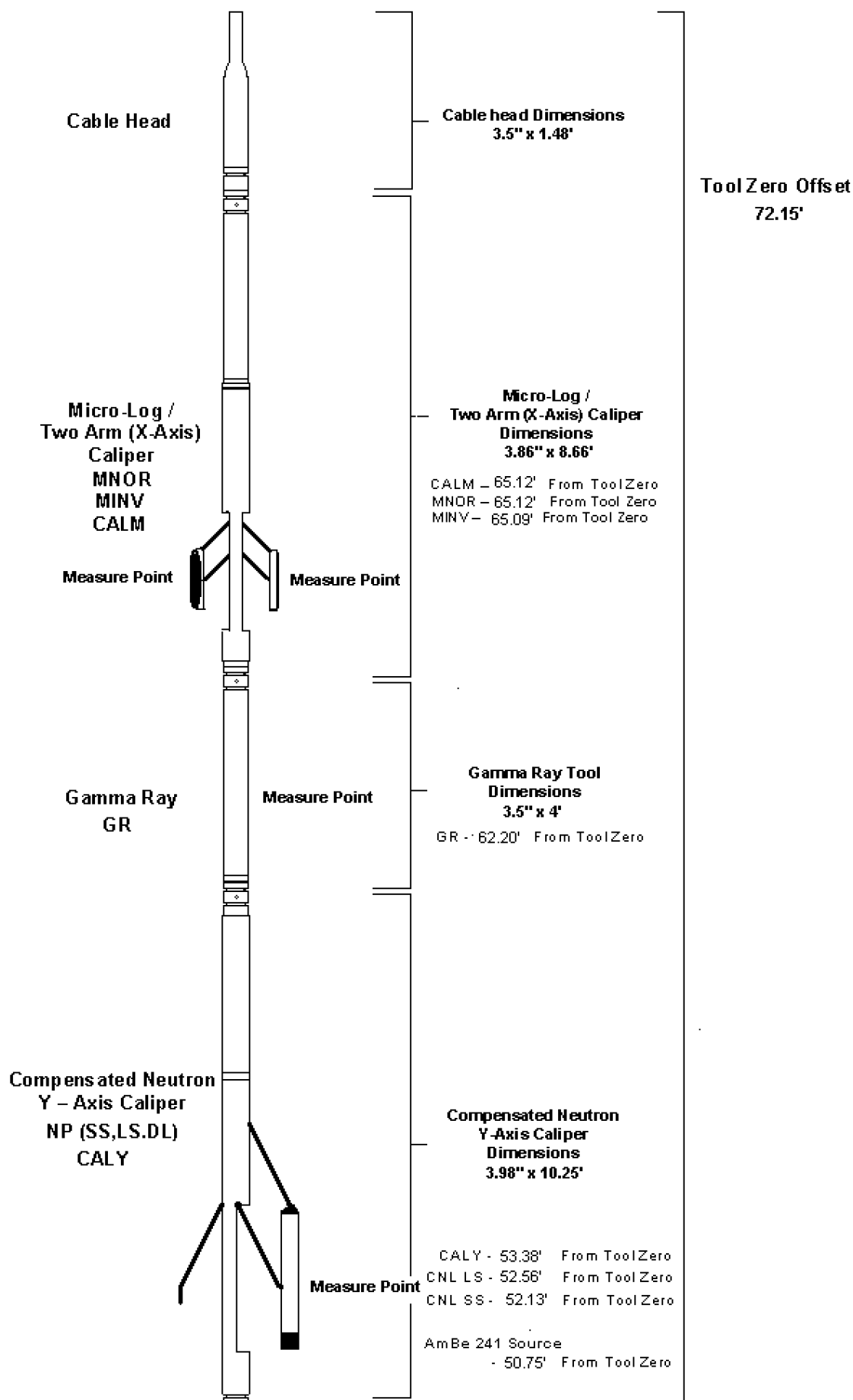


**DUAL INDUCTION – SP / BHC SONIC /
GAMMA RAY / LITHO-DENSITY / X CALIPER
COMPENSATED NEUTRON / Y-CALIPER
MICRO - LOG / M-CALIPER**



Digital Telemetry

Digital Telemetry Section
Dimensions
3.5" x 3.15'

Tool String
Length Total
75.85'

First Reading
To
Last Reading
63.42'

Compensated
Litho-Density (Pe)
X – Axis Caliper

DP(SS,LS,DL)
RHOB
DRHO
PE
CALX
Measure Point

Compensated Litho-Density
X-Axis Caliper
Dimensions
3.98" x 9.35'

CALX - 39.44' From ToolZero
LDT w1 -
LDT w2 - - 39.17' From ToolZero
LDT w3 -
LDT w4 -
LDT SS - 38.68' From ToolZero
CS 137 - 38.19' From ToolZero

Borehole
Compensated
Sonic

SP(SS,LS,DL)
DT
TTI
VDL
TT

Measure Point
Tool First Reading
Point

T-1
Transmitter 1

Borehole Compensated Sonic
Tool Dimensions
3.5" x 15.75'

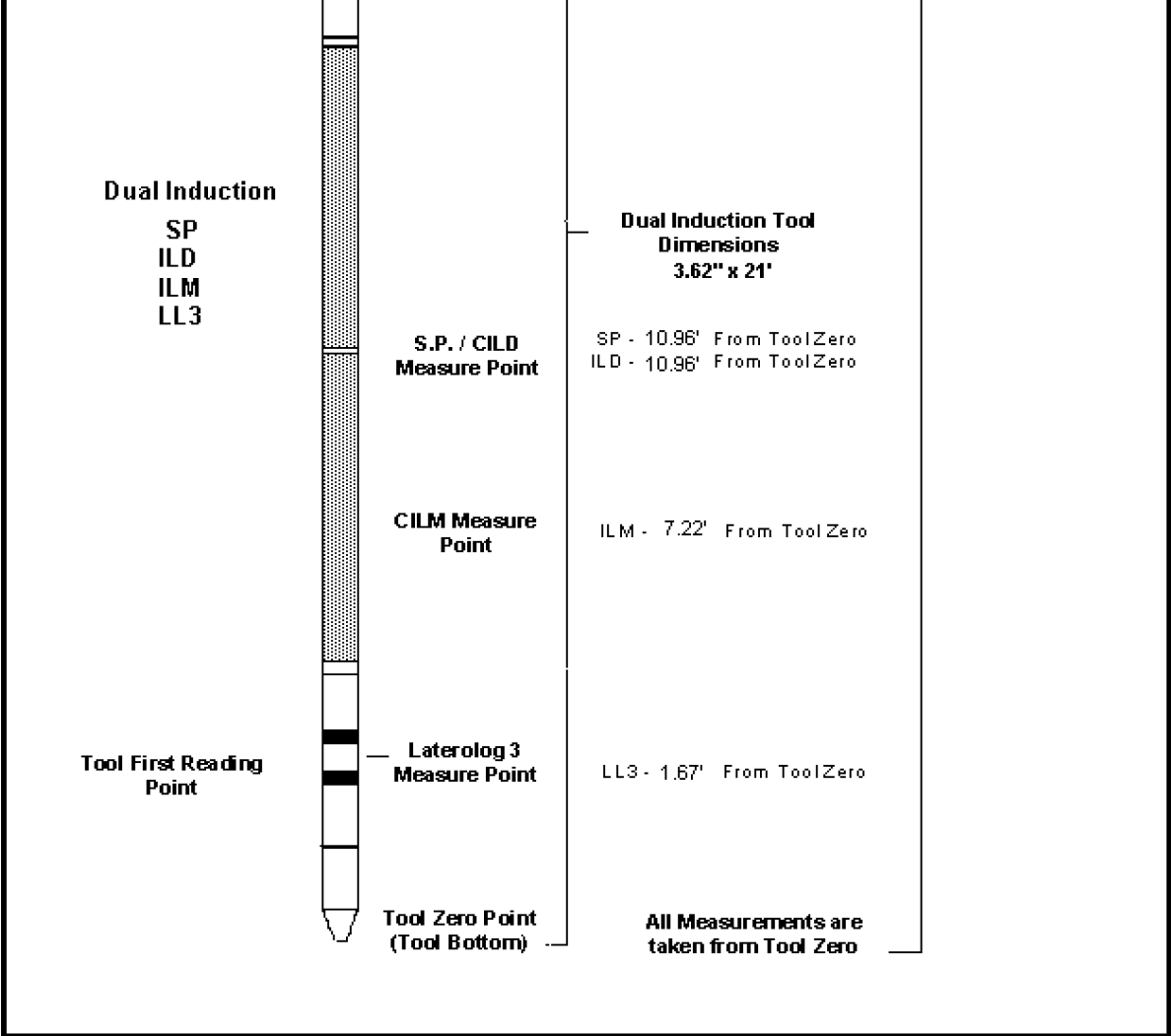
T1R1 - 32.87' From ToolZero
T1R2- 31.36' From ToolZero

R-1
Receiver 1

R-2
Receiver 2

T2R1 - 28.54' From Tool Zero
T2R2 - 27.89' From Tool Zero

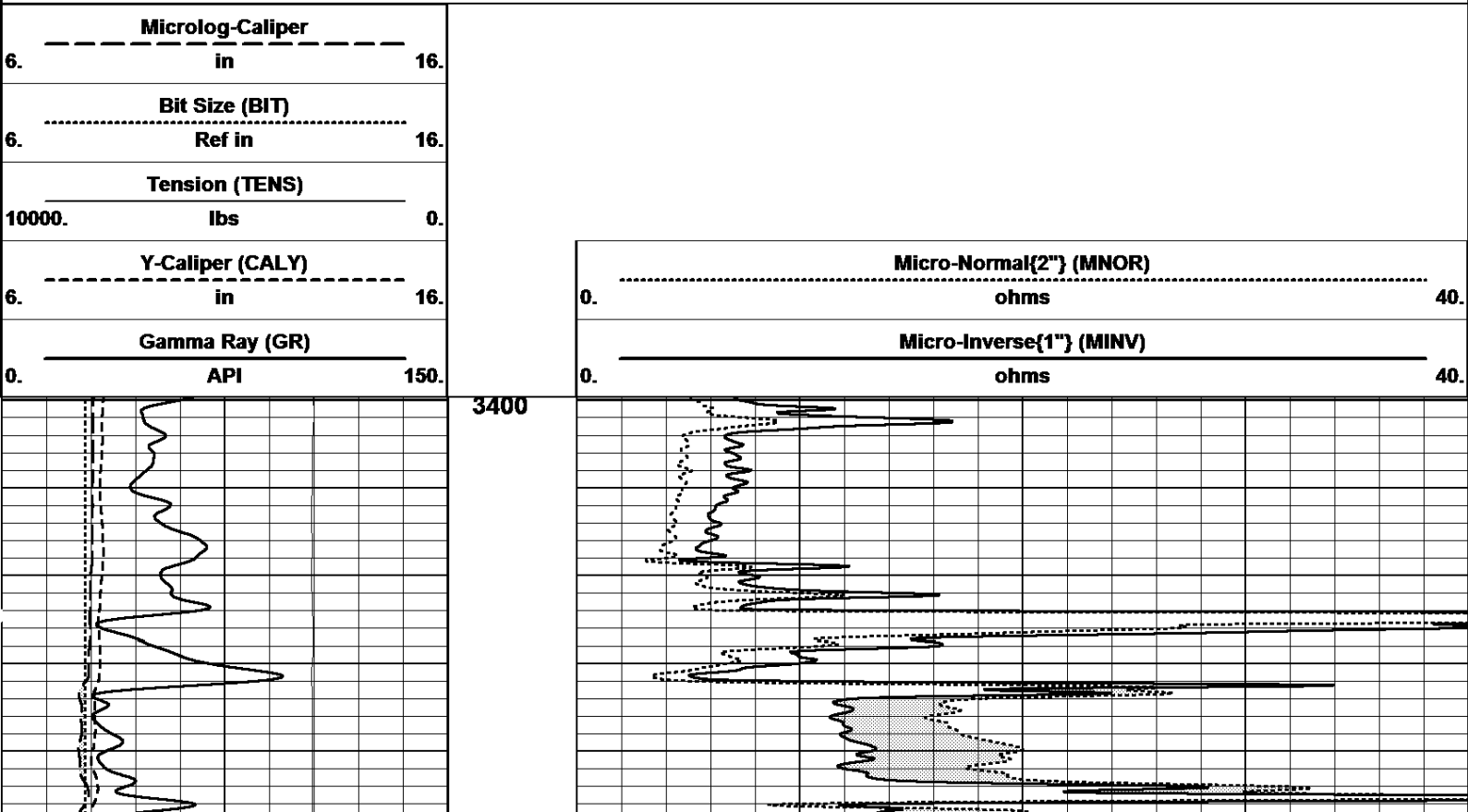
T-2
Transmitter 2



04/04/2013
01:25:28 => End Time

MAIN PASS (5"/100Ft)

Log UP - (VER 11.08)
End Depth=> 3399.90 Feet



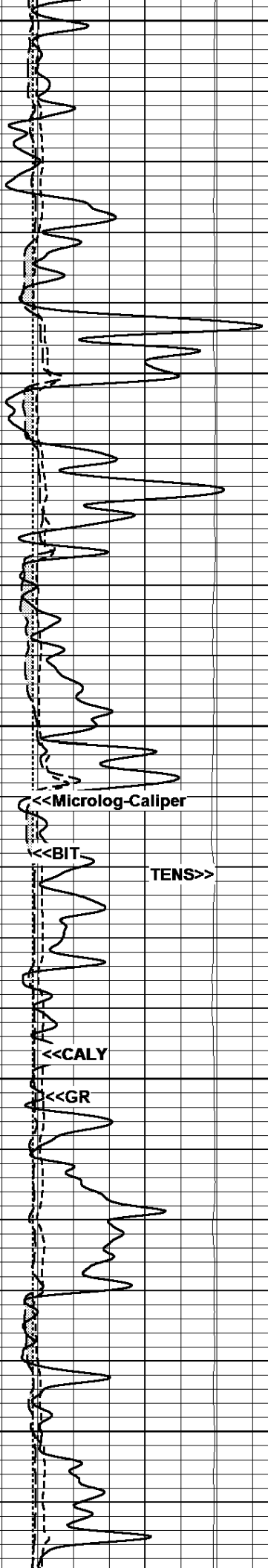
3450

3500

3550

3600

3650



<<Microlog-Caliper

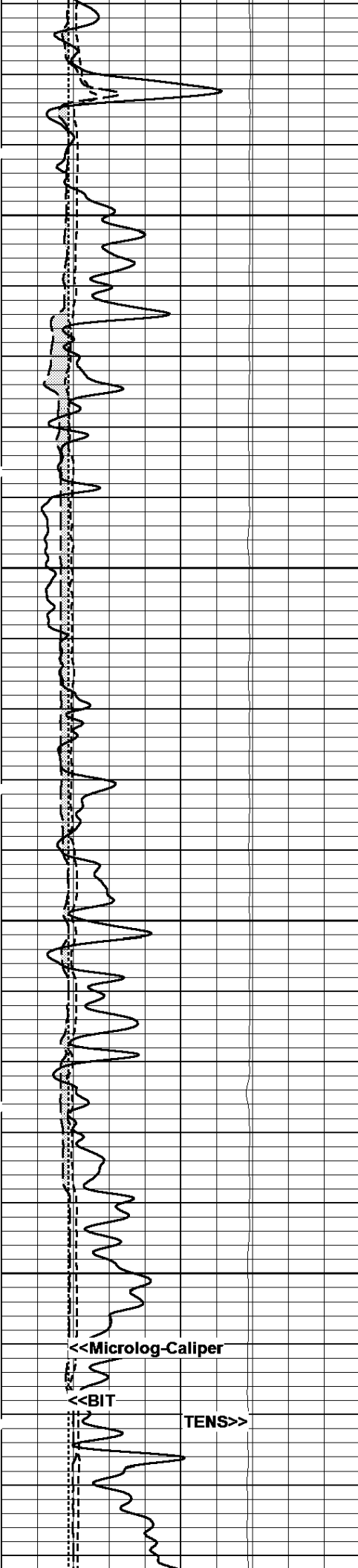
<<BIT

TENS>>

<<CALY

<<GR

MNOR>>

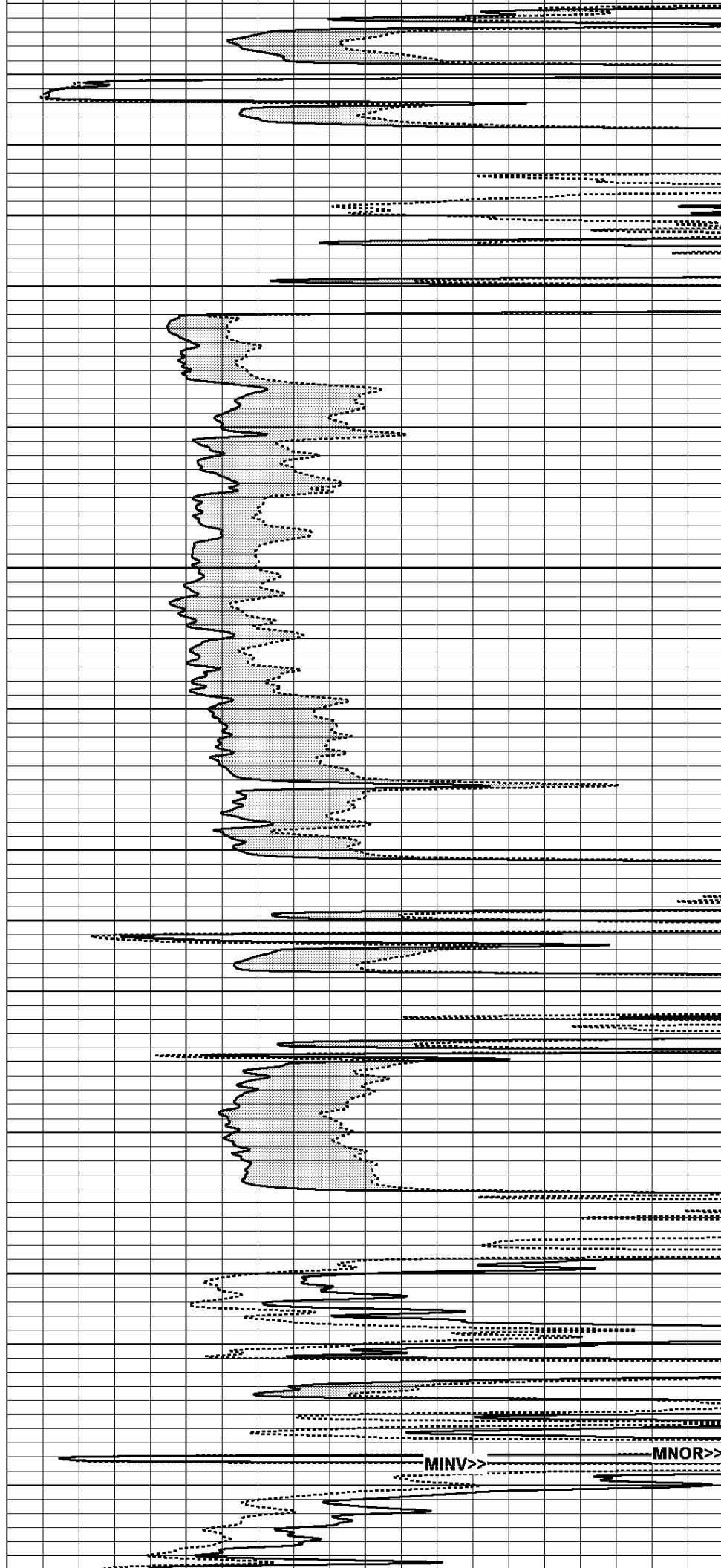


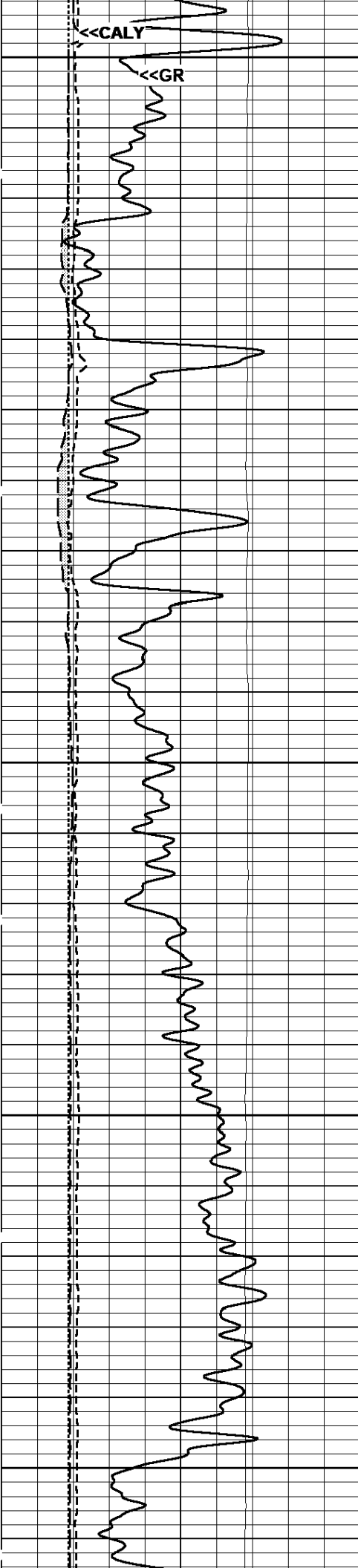
3700

3750

3800

3850





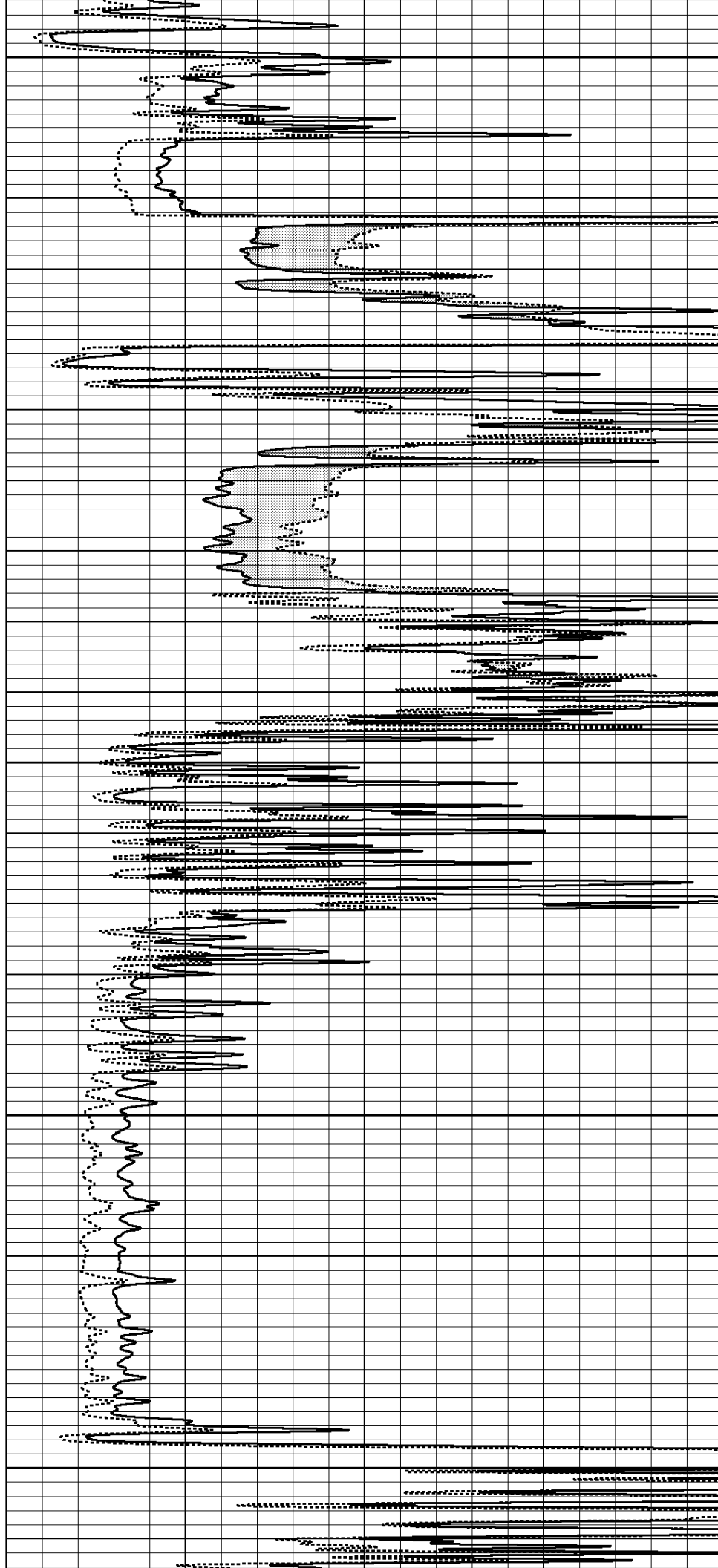
3900

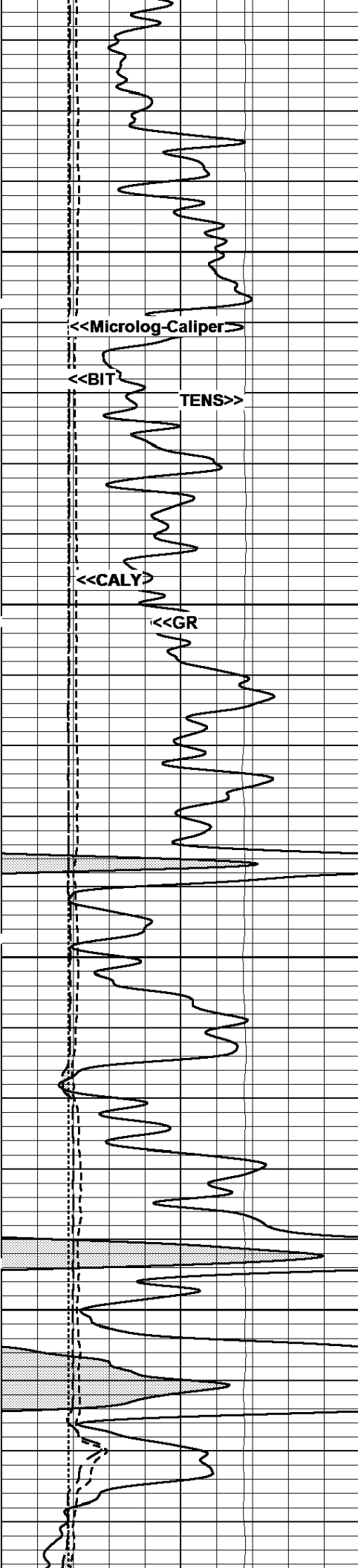
3950

4000

4050

4100



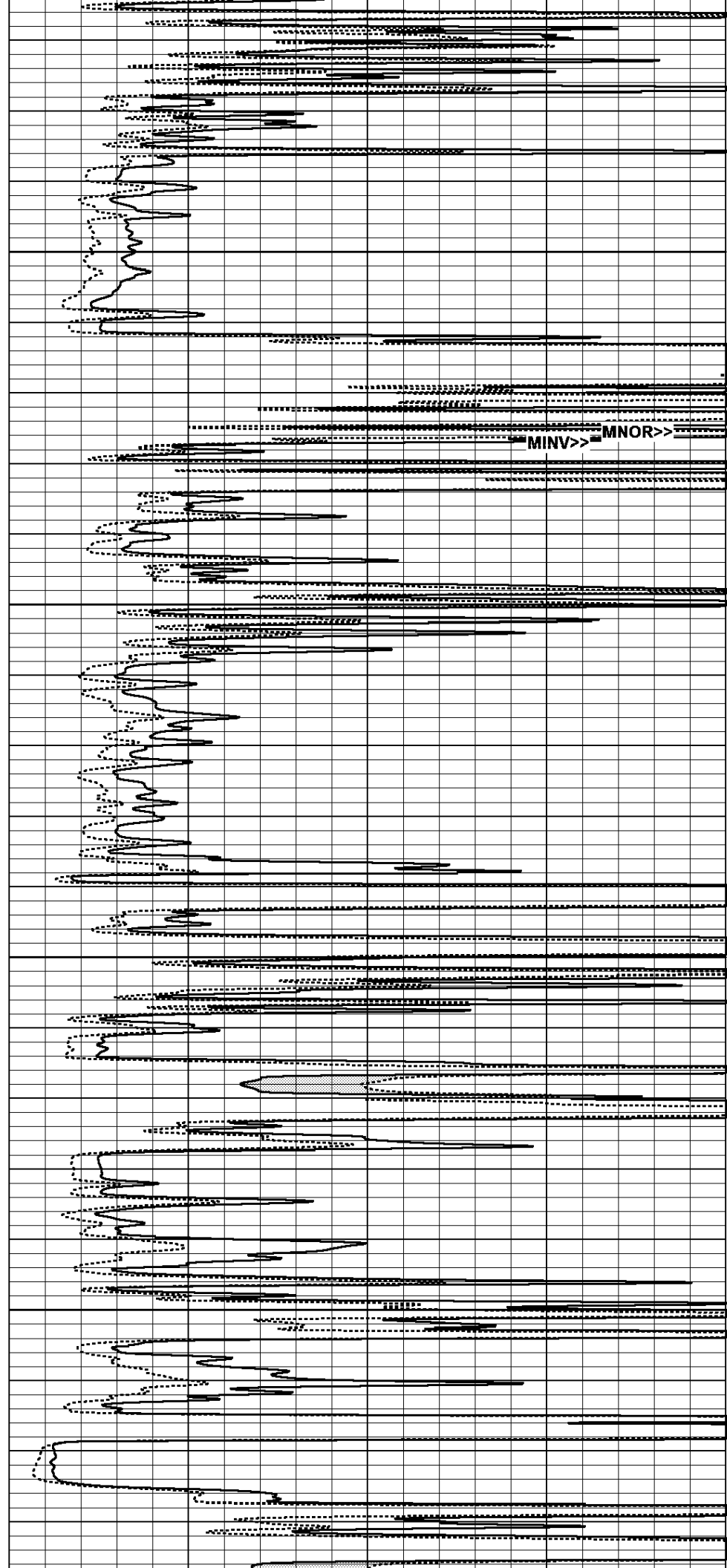


4150

4200

4250

4300



4350

4400

4450

4500

4550

<<Microlog-Caliper

<<BIT

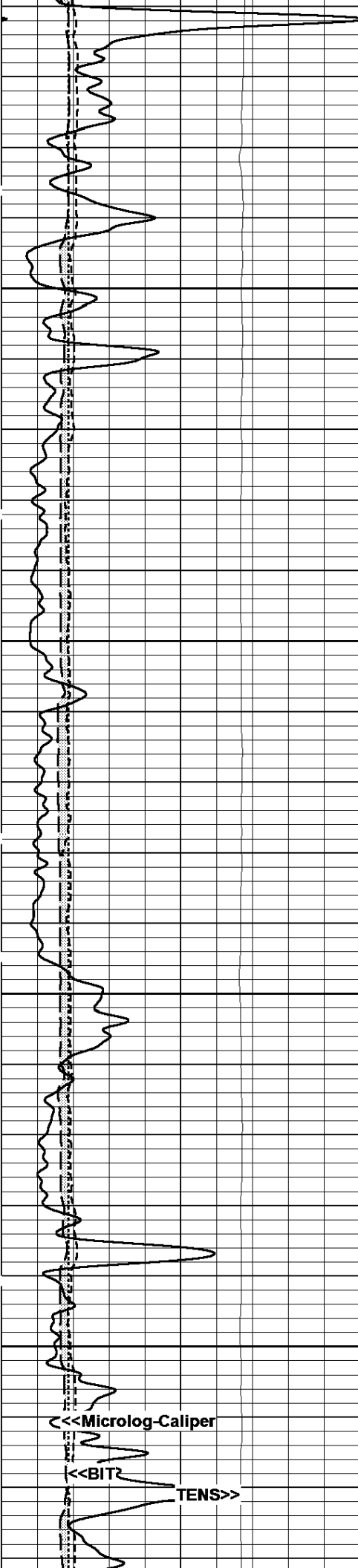
TENS>>

<<CALY

<<GR

<<MNOR

MIN V



4600

4650

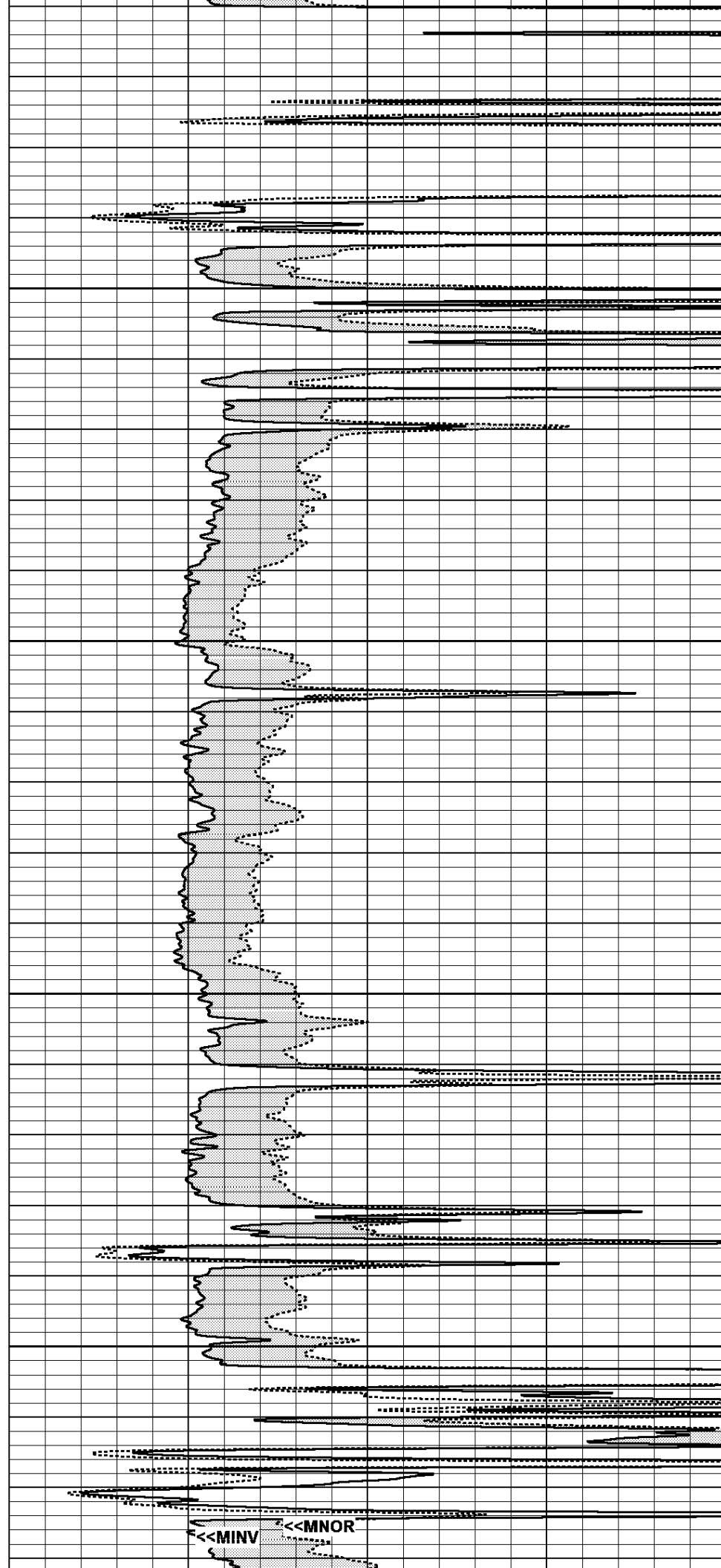
4700

4750

<<Microlog-Caliper

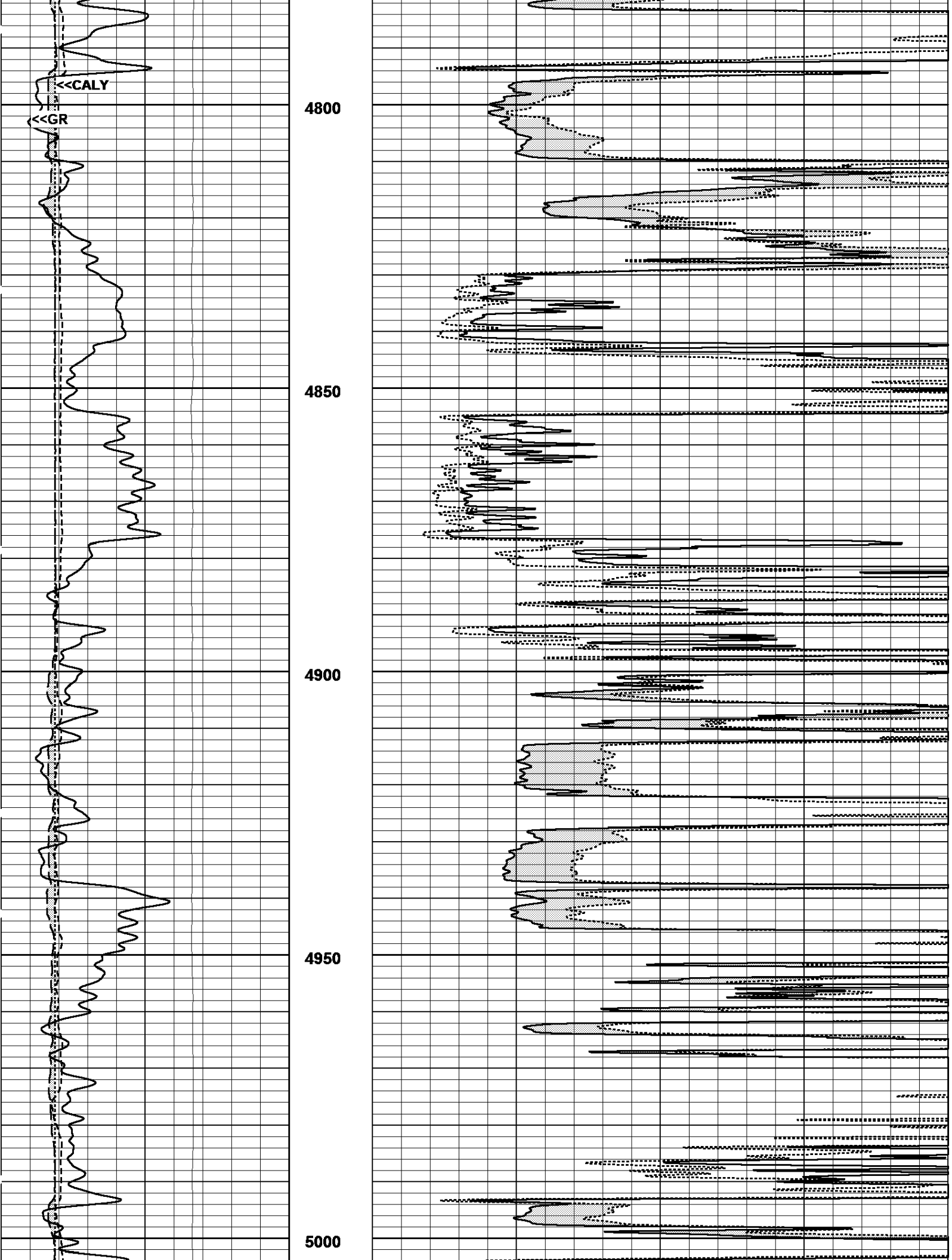
<<BIT

TENS>>



<<MINV

<<MNOR

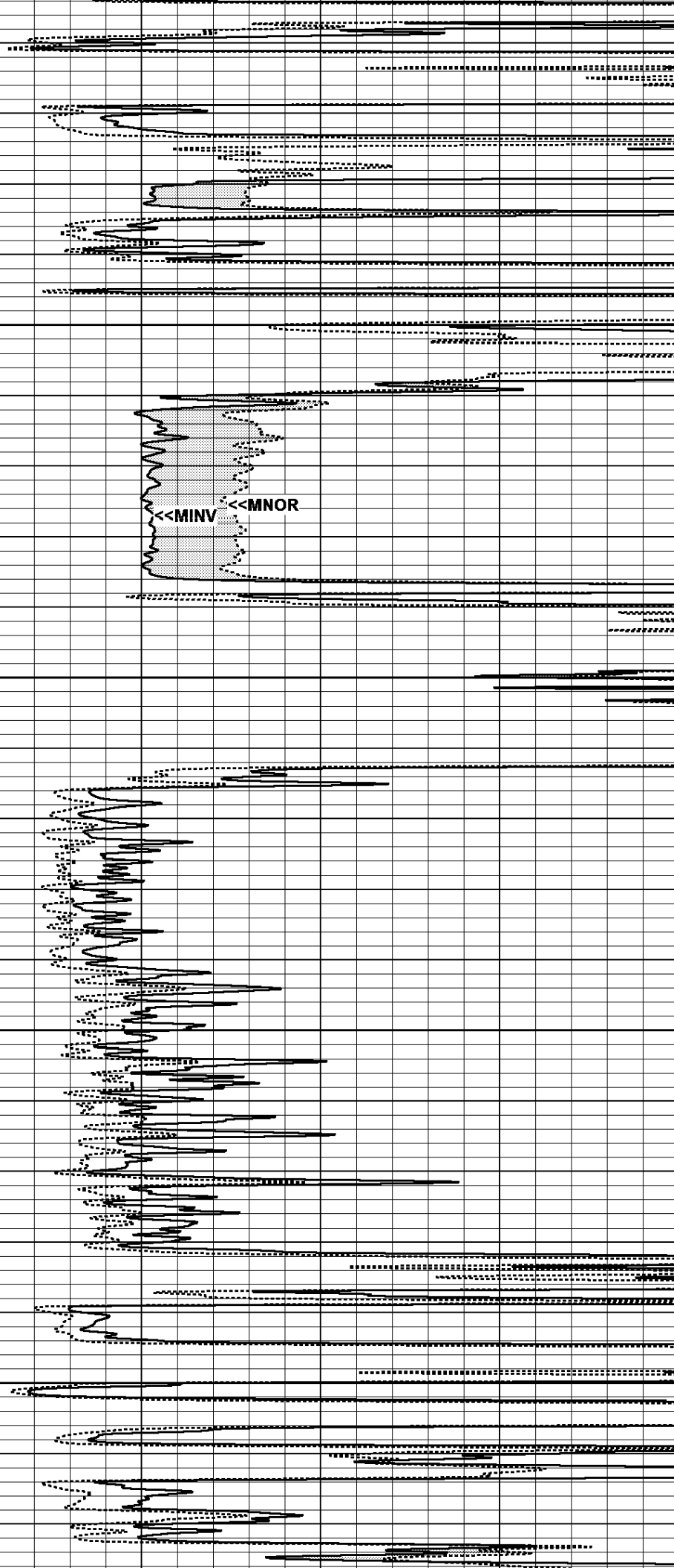
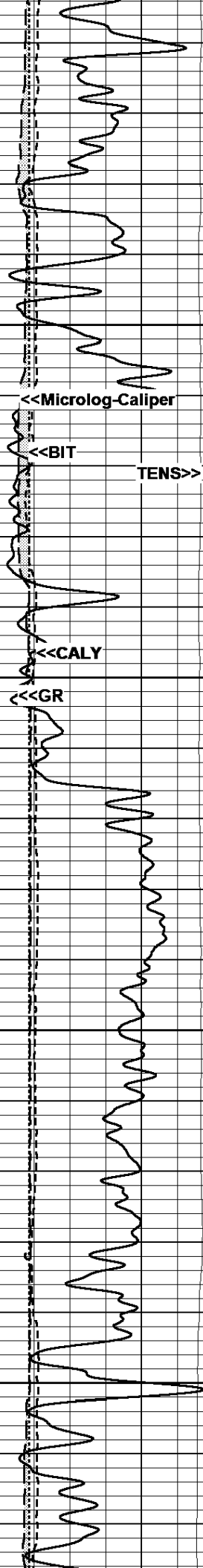


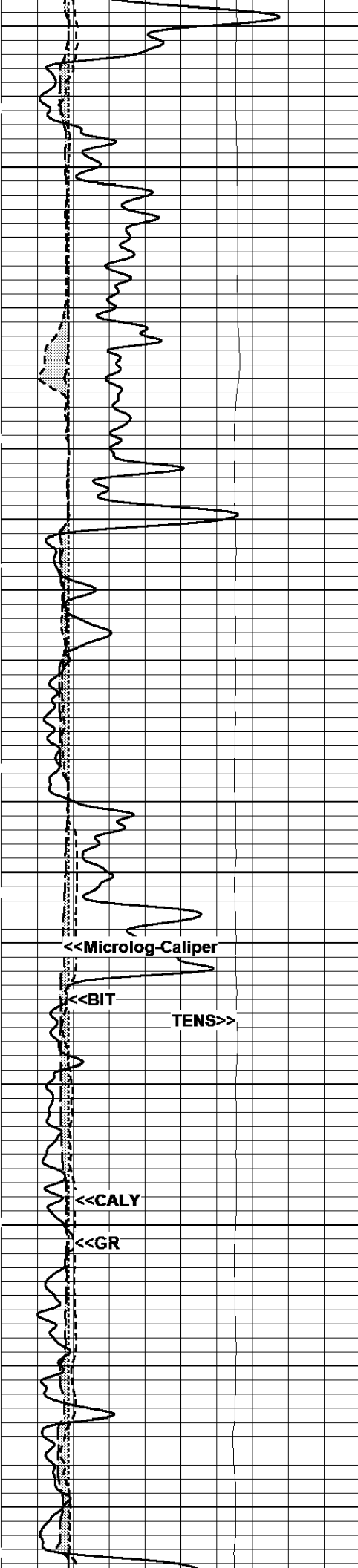
5050

5100

5150

5200





5250

5300

5350

5400

<<Microlog-Caliper

<<BIT

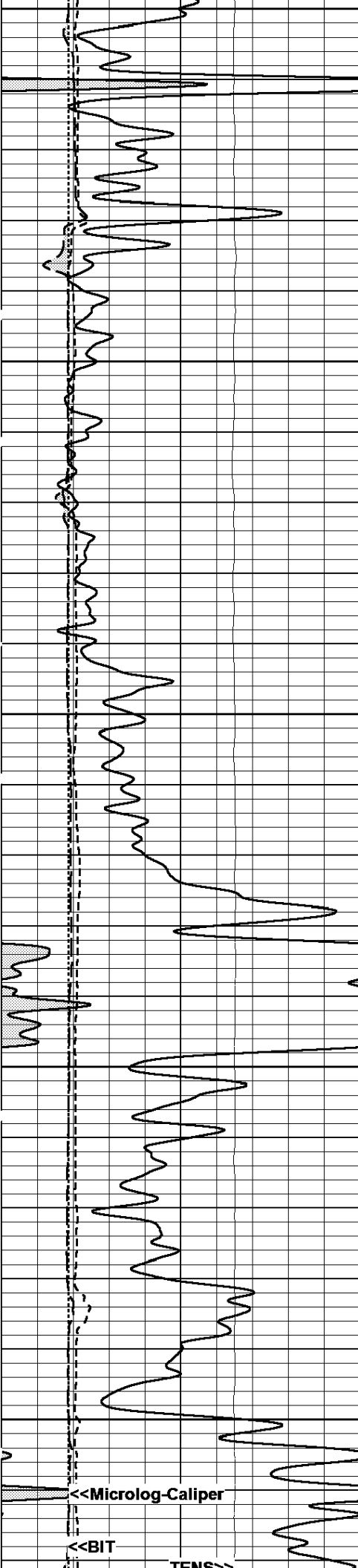
TENS>>

<<CALY

<<GR

<<MINV

MNOR>>



5450

5500

5550

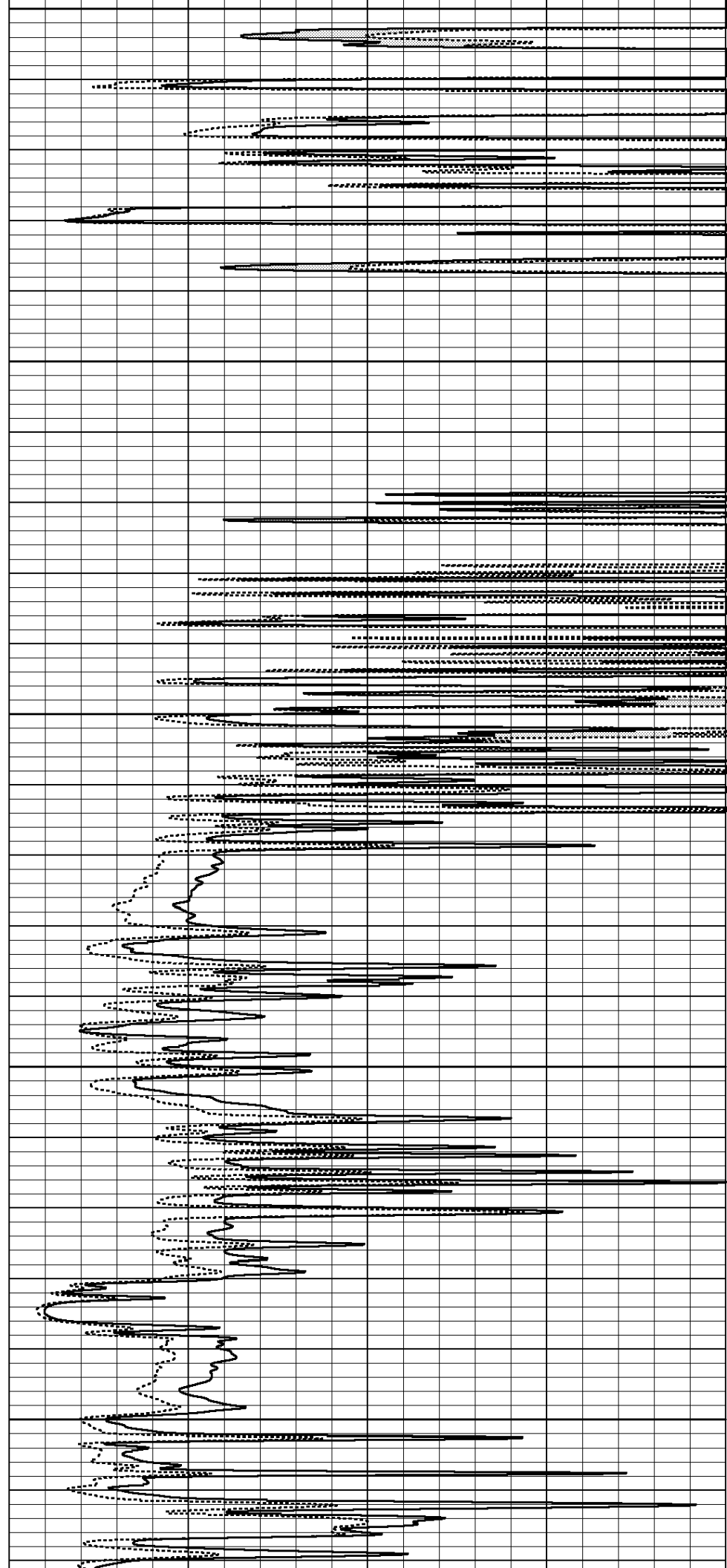
5600

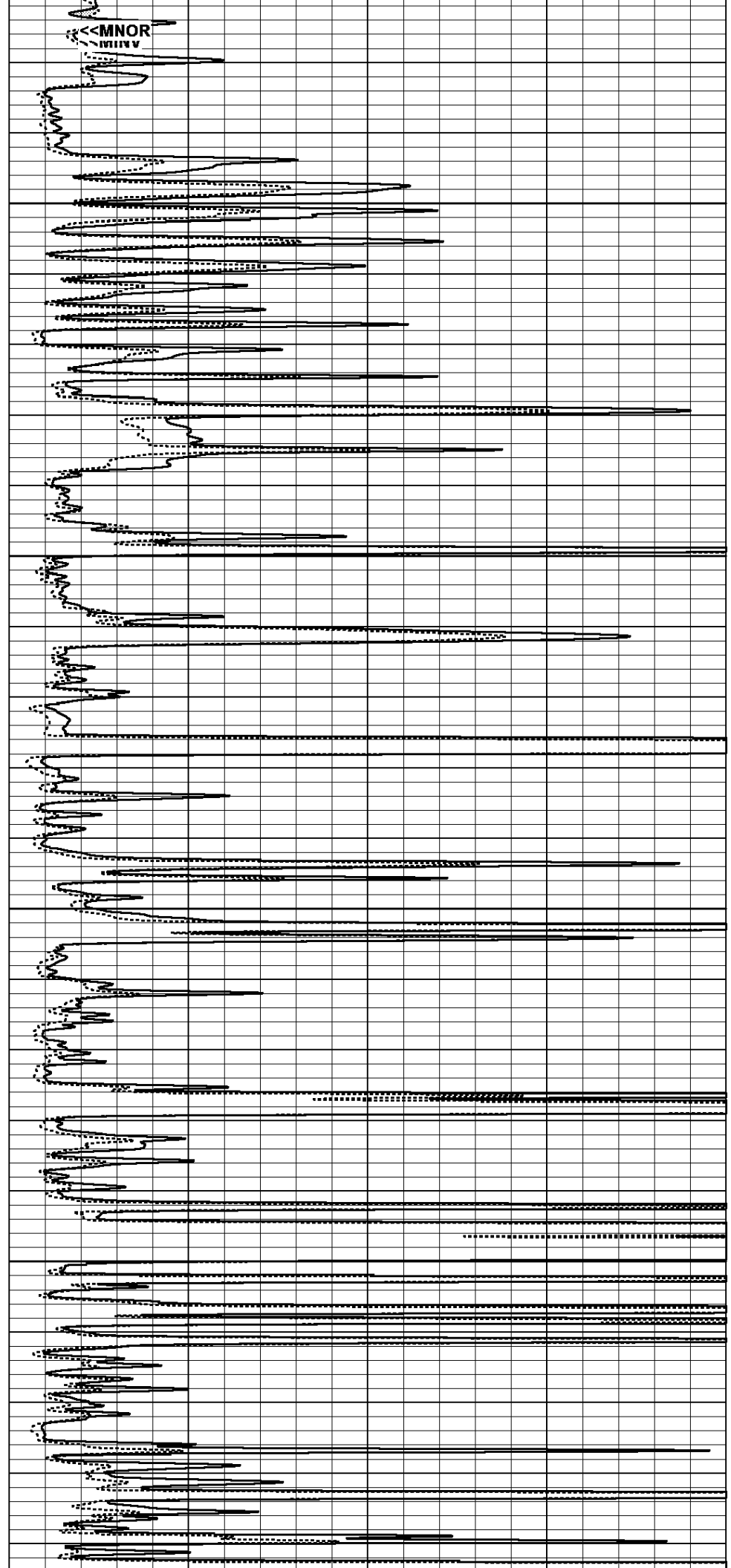
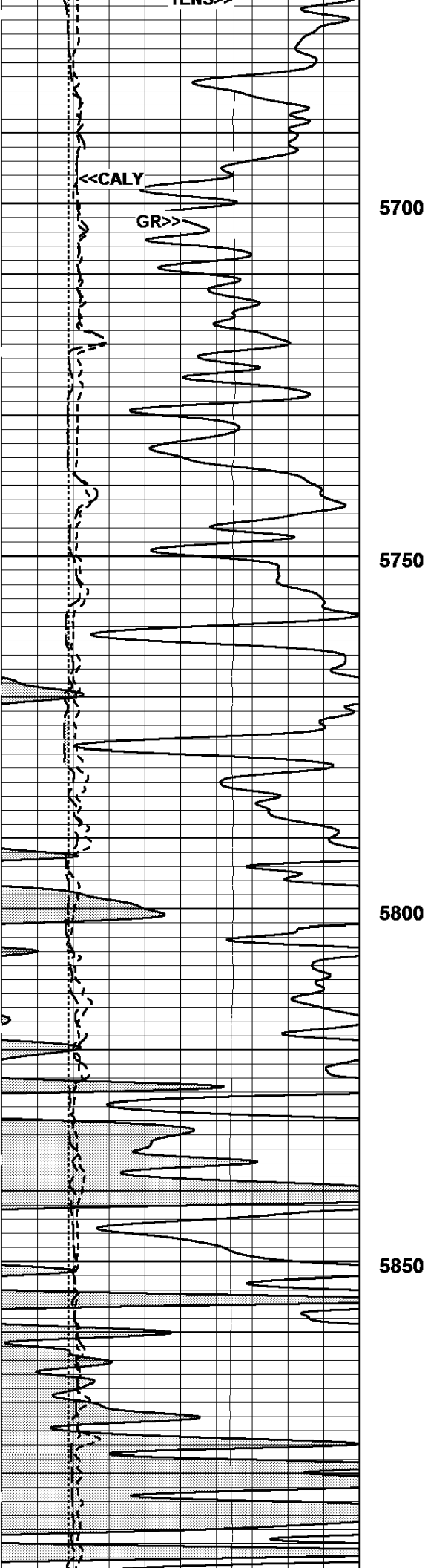
5650

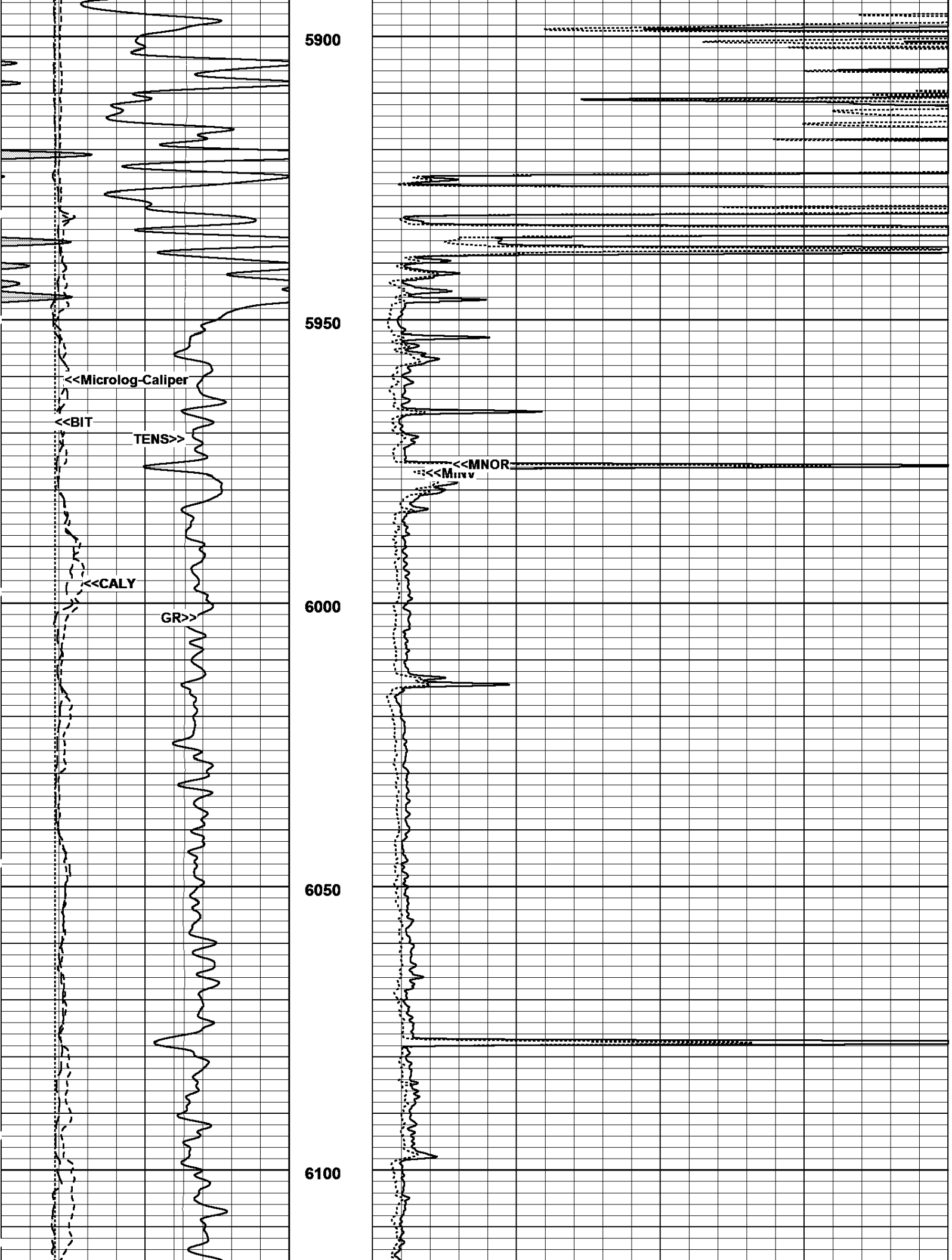
<<Microlog-Caliper

<<BIT

TENS>>





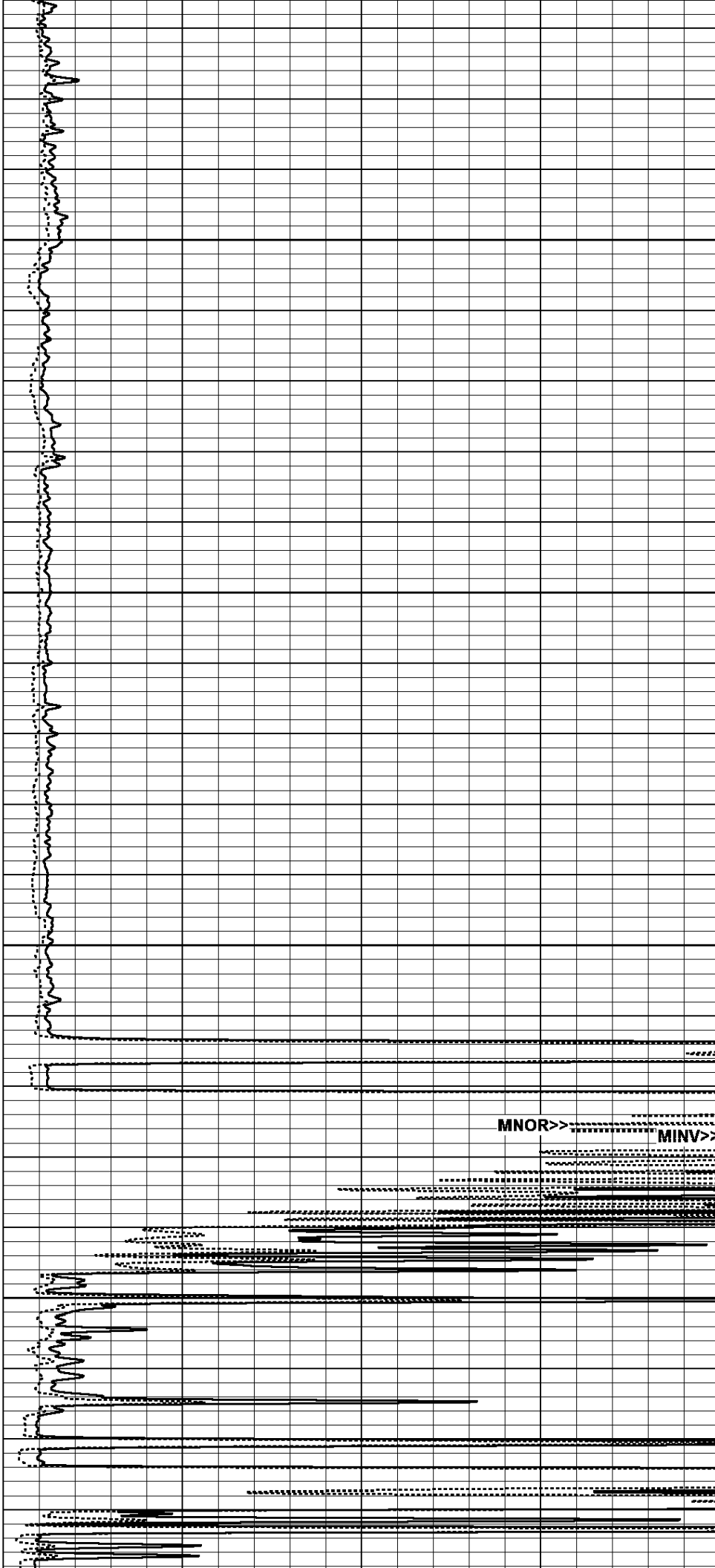
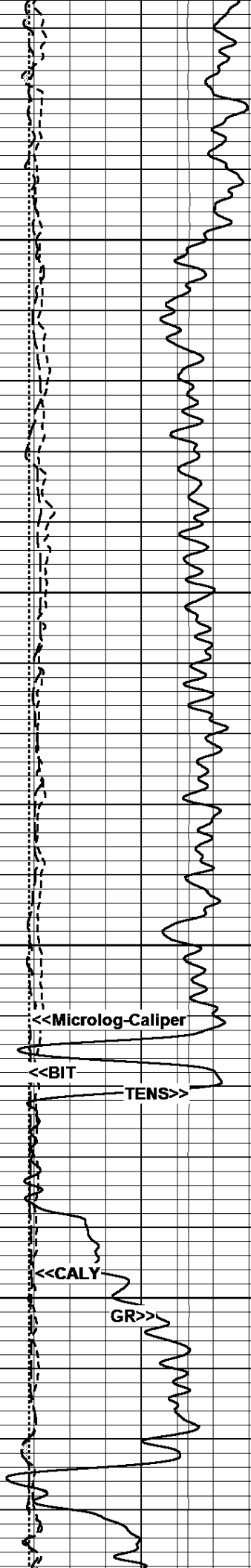


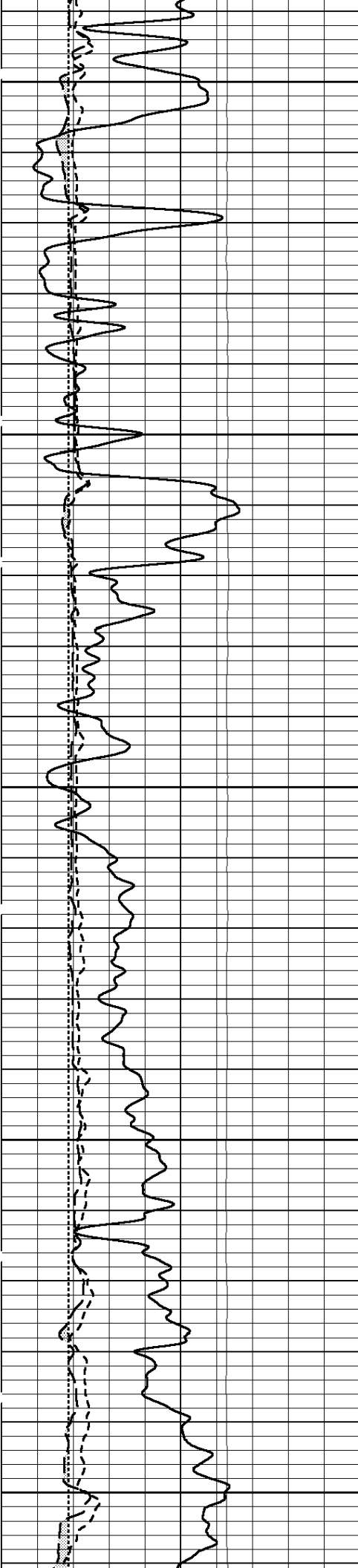
6150

6200

6250

6300





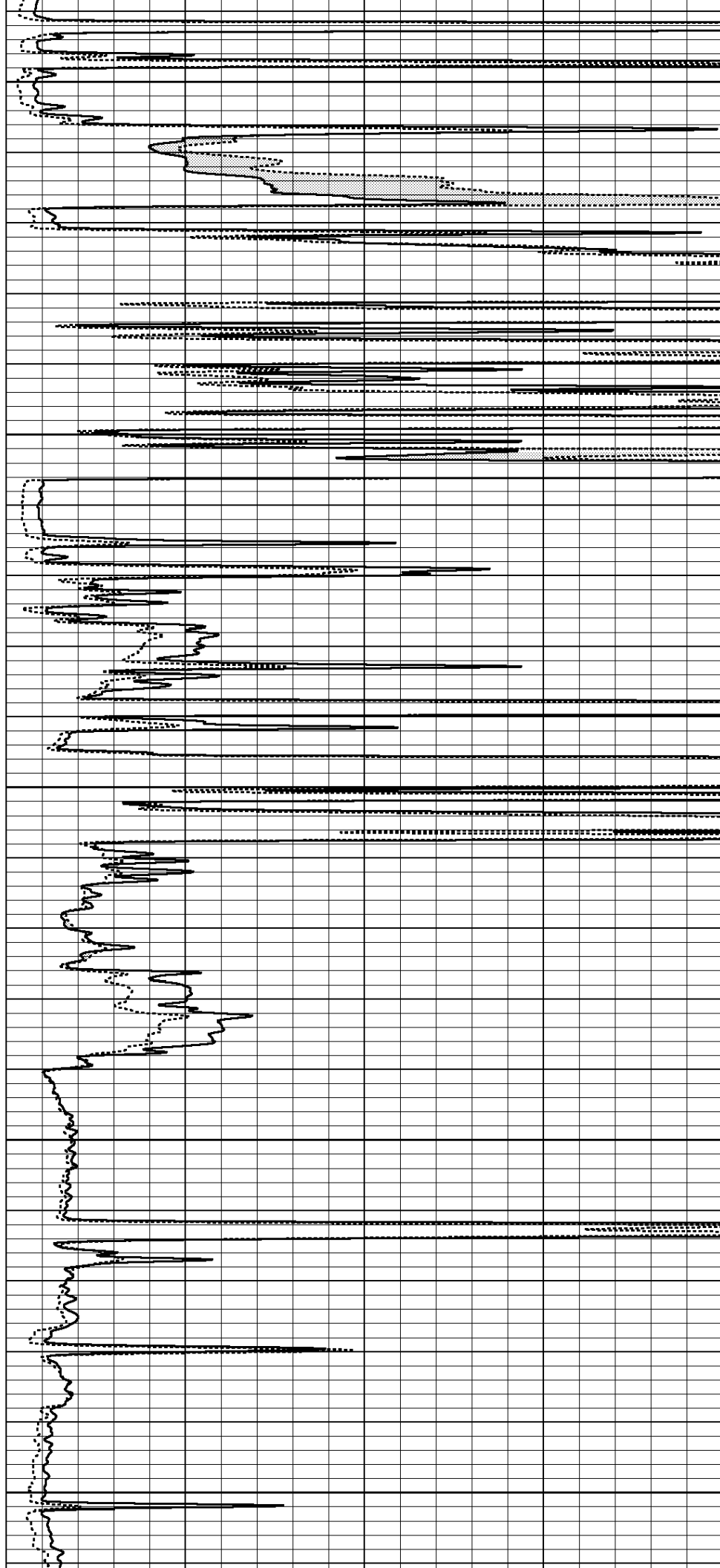
6350

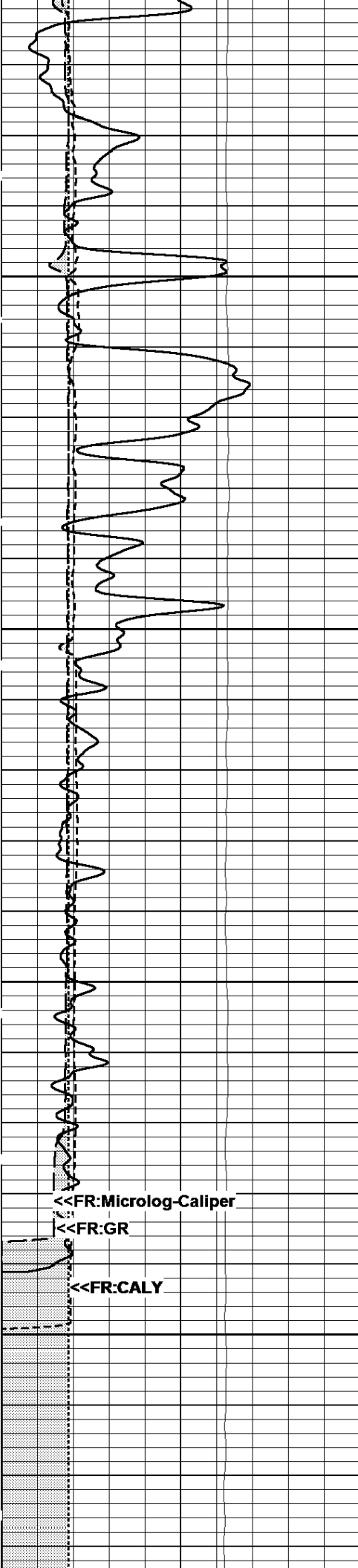
6400

6450

6500

6550



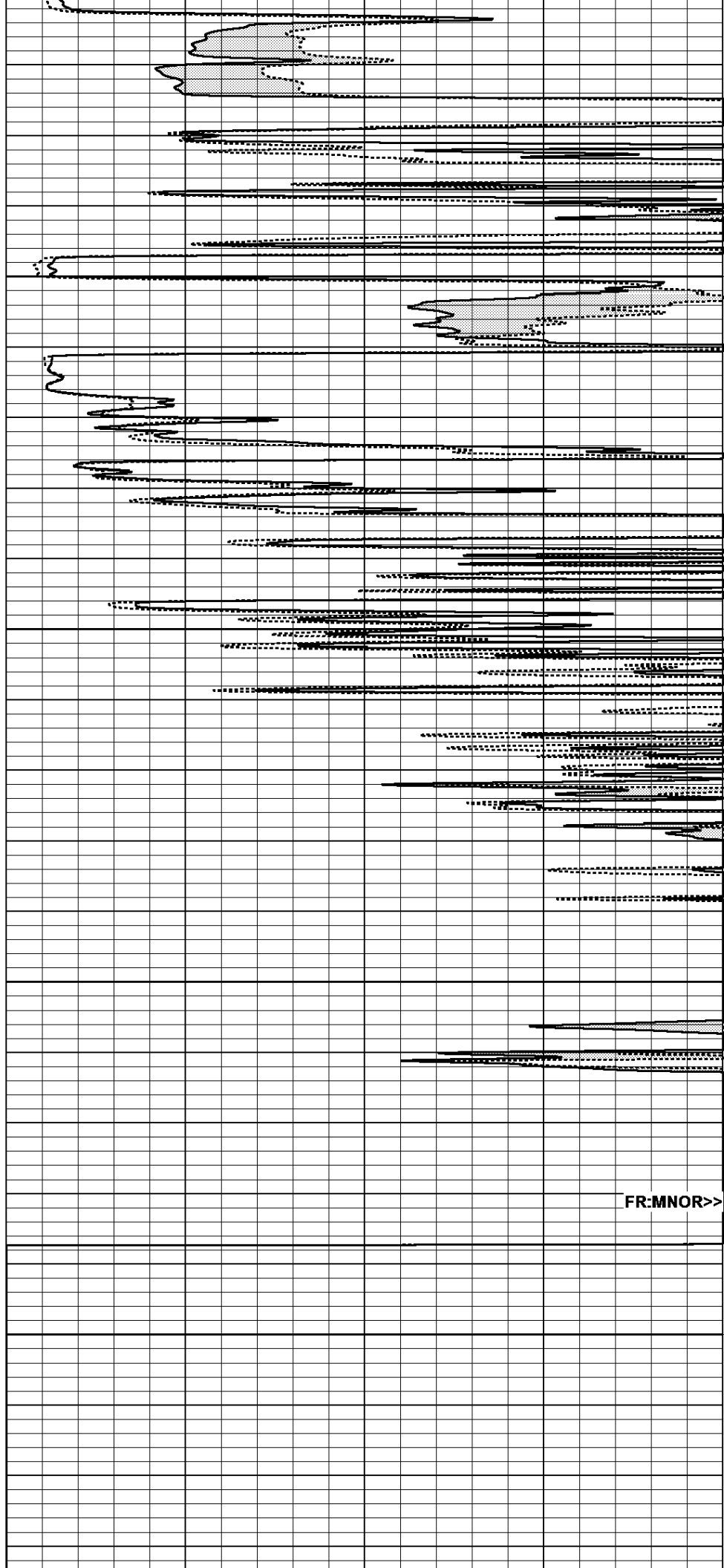


6600

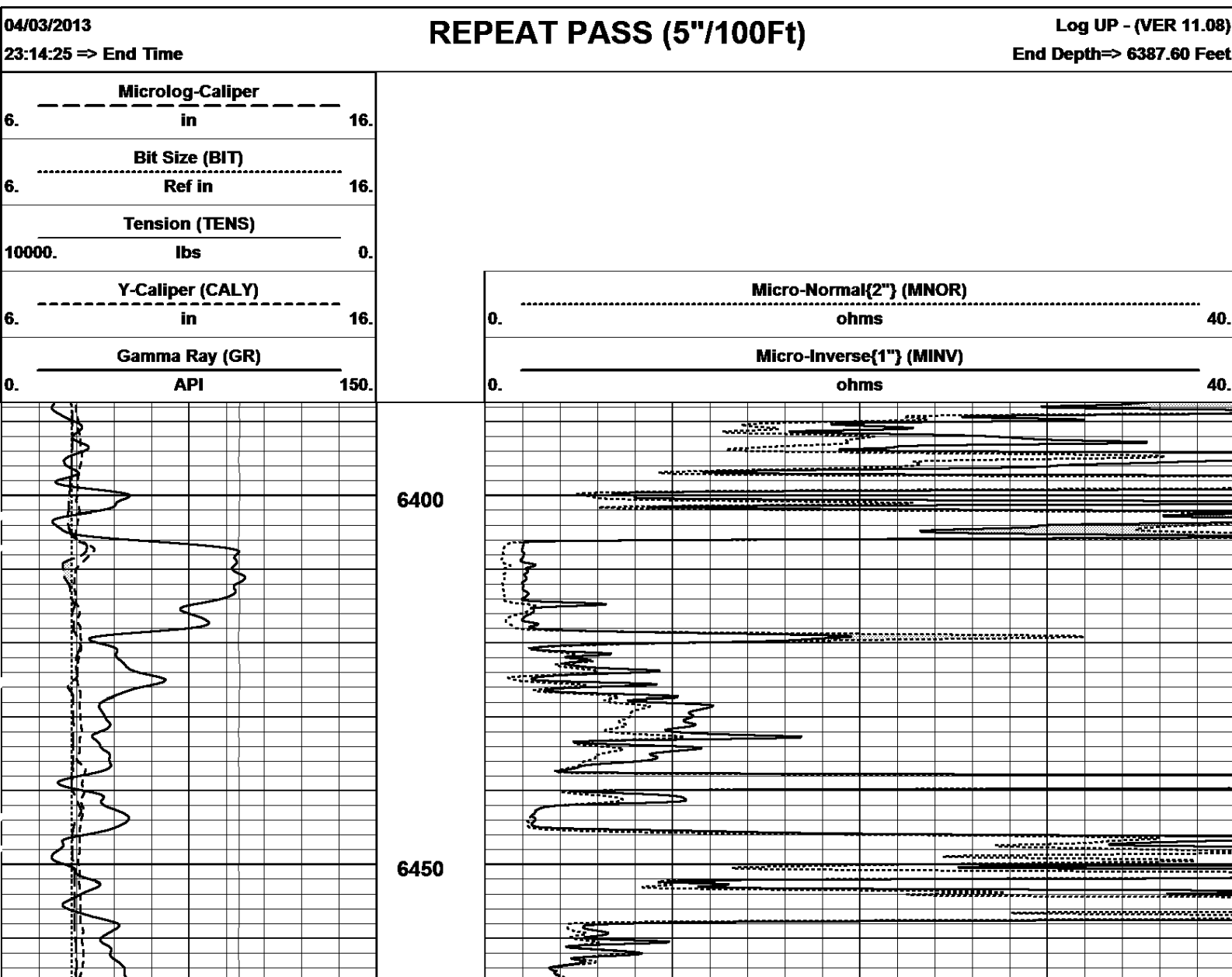
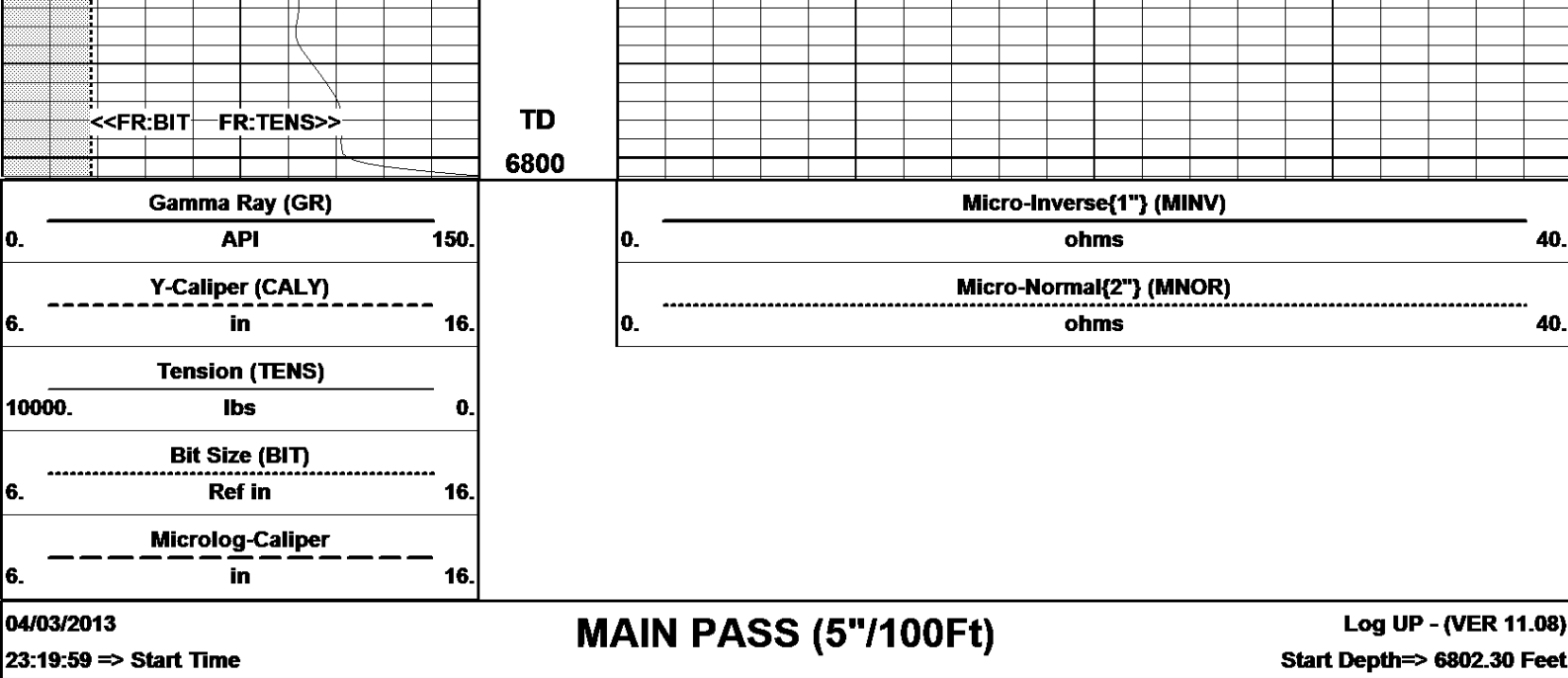
6650

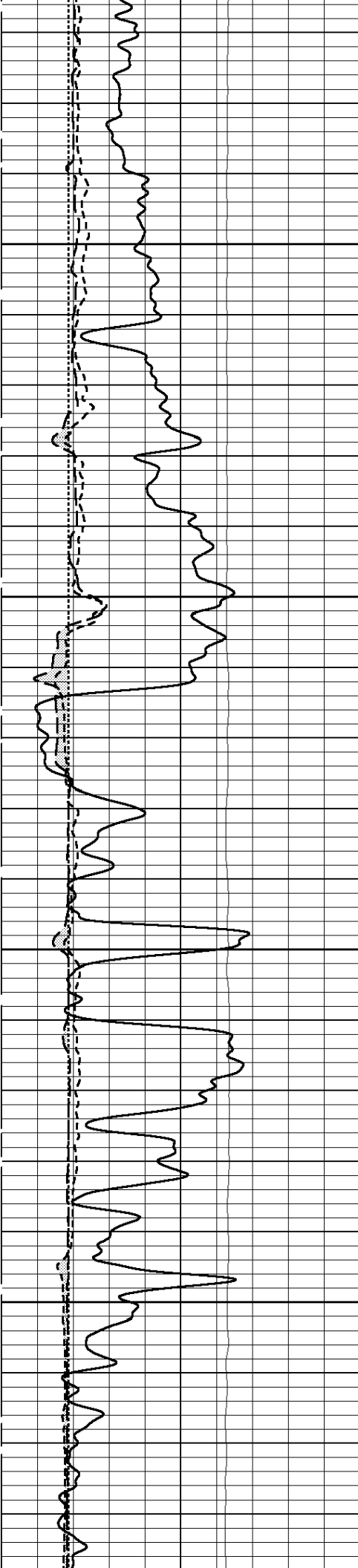
6700

6750



FR:MNOR>>



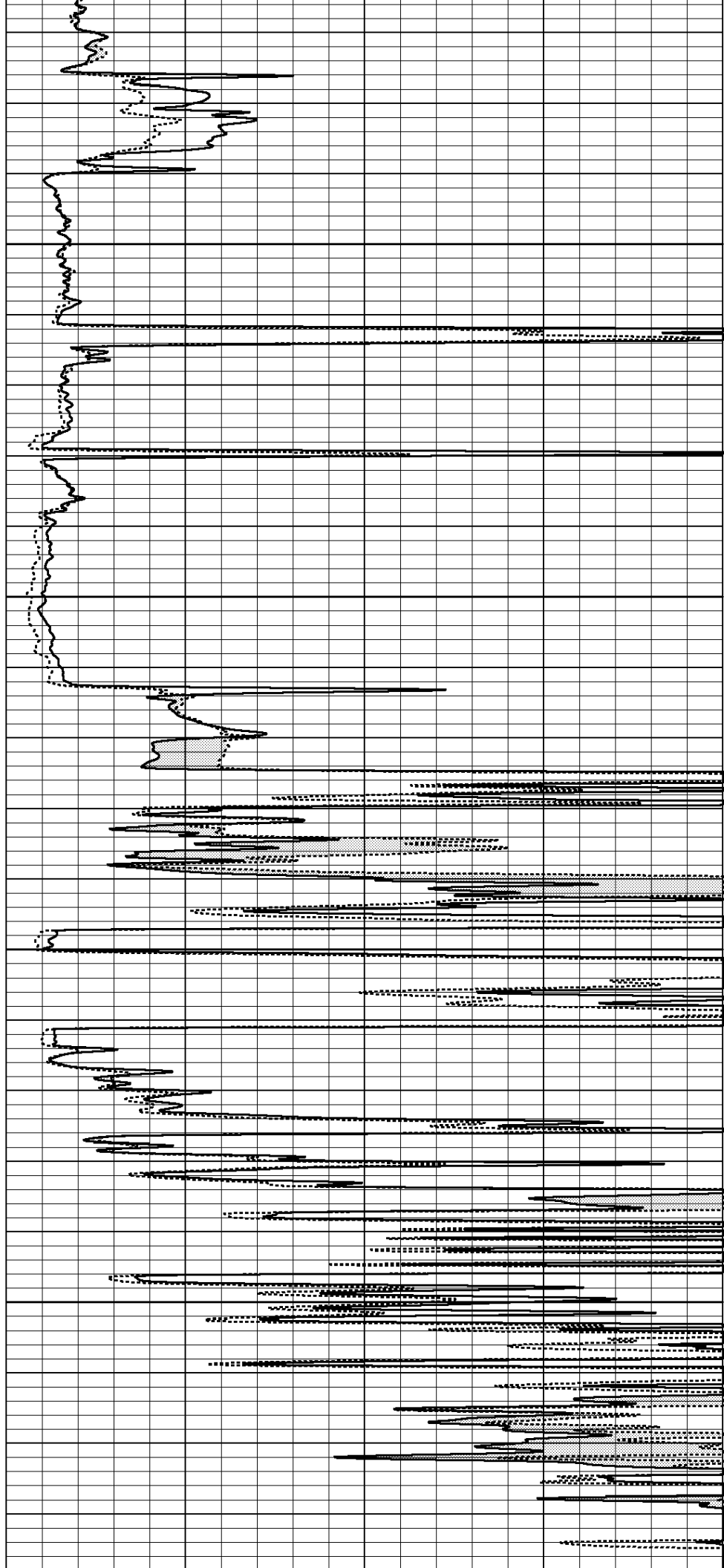


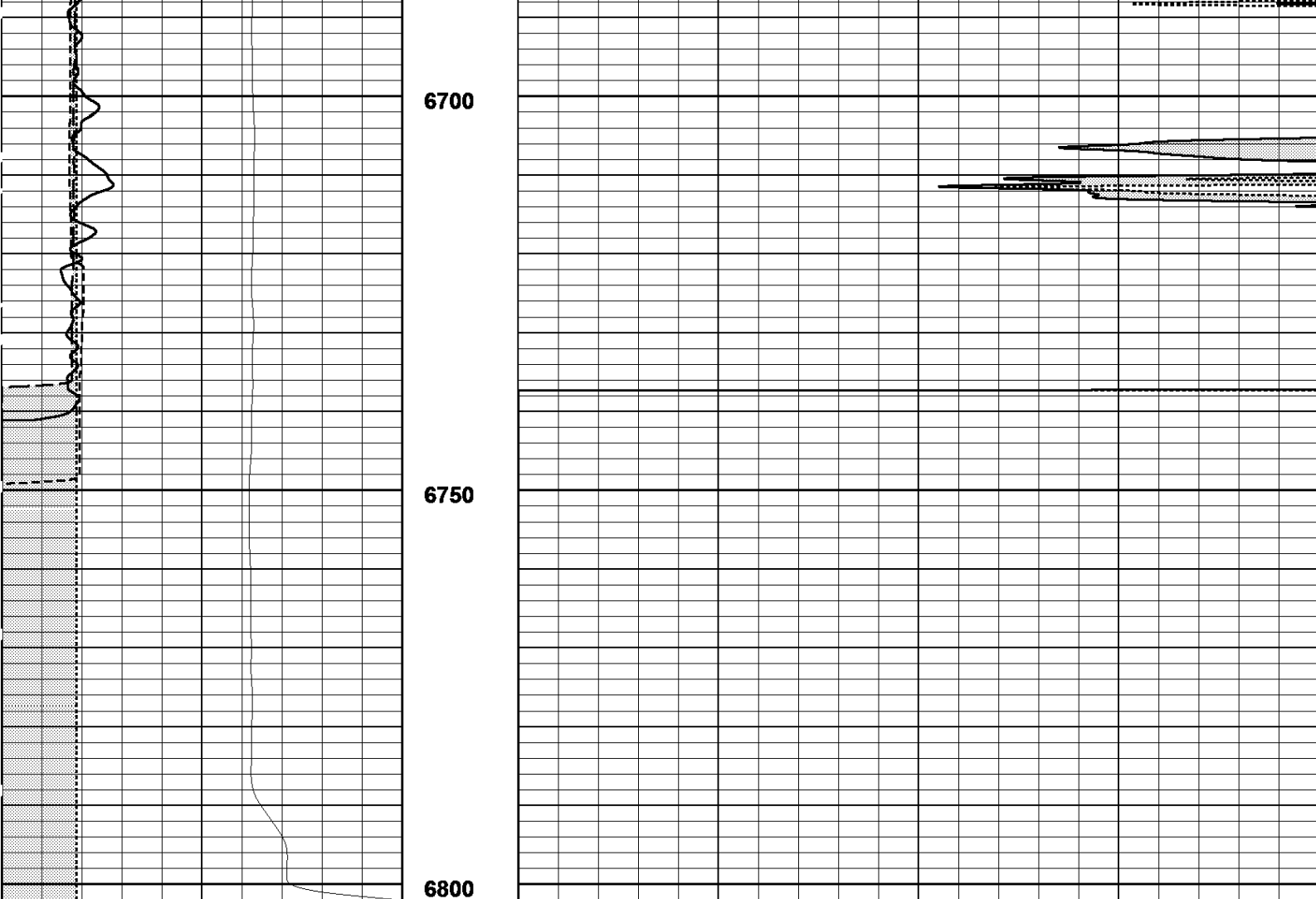
6500

6550

6600

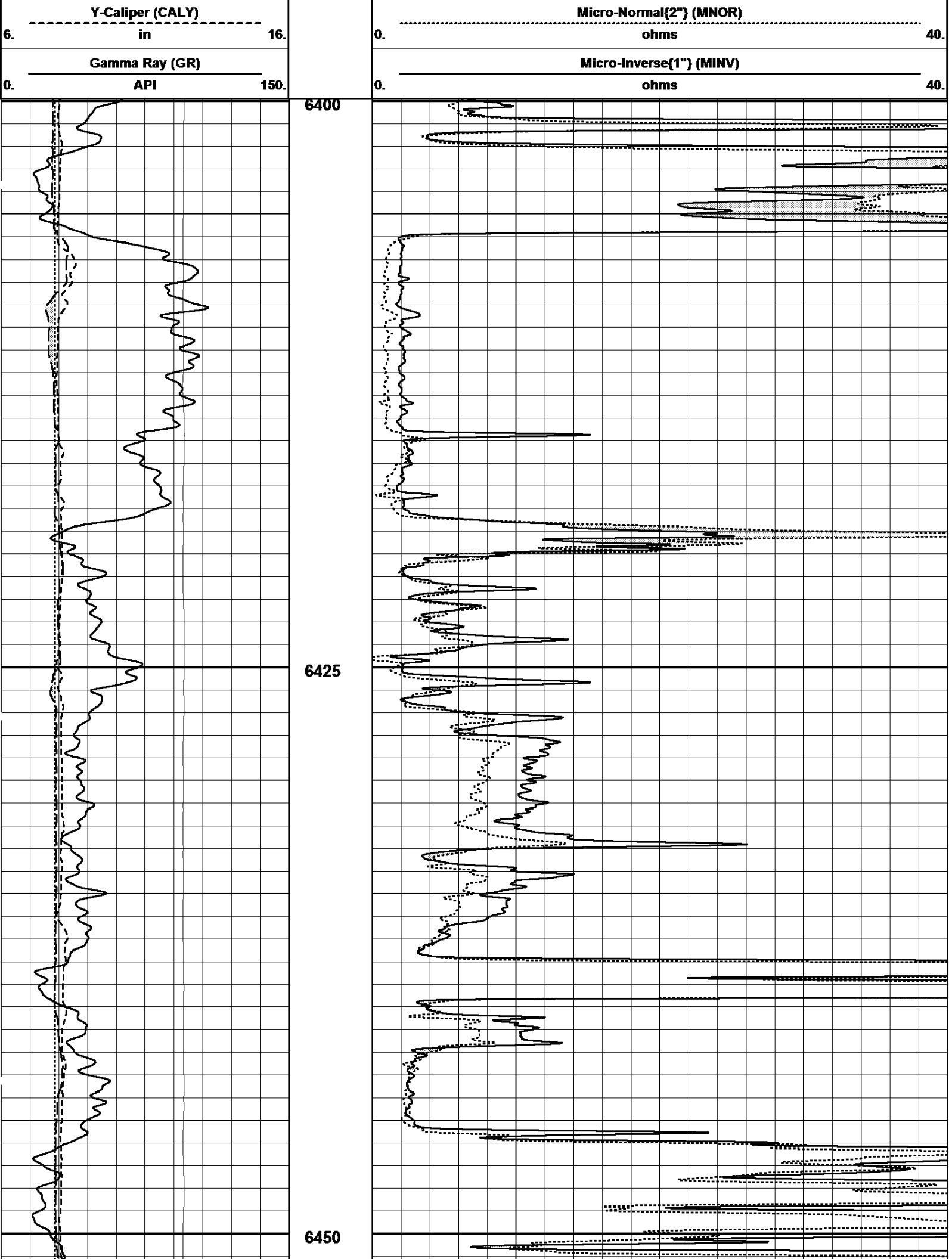
6650

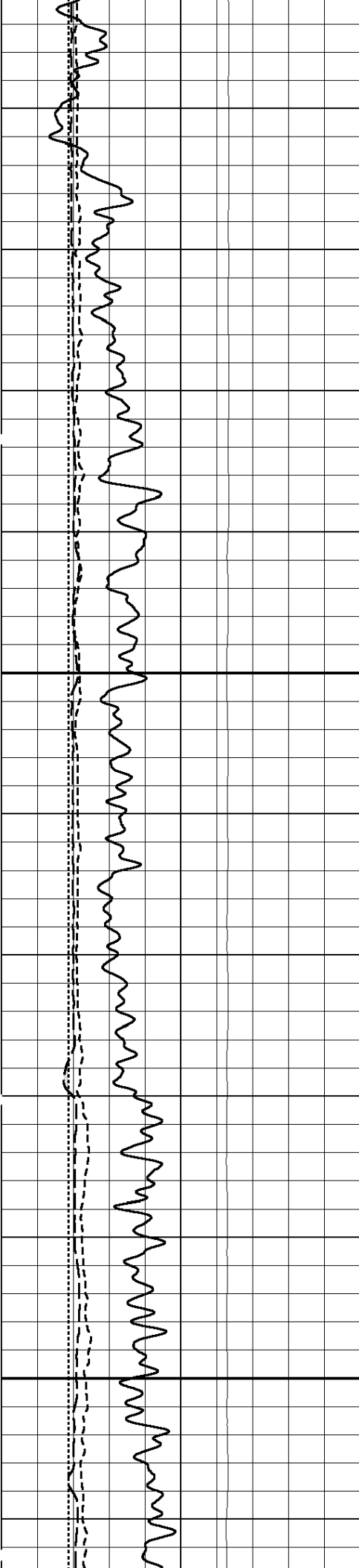




Gamma Ray (GR)			Micro-Inverse{1"} (MINV)		
0.	API	150.	0.	ohms	40.
Y-Caliper (CALY)			Micro-Normal{2"} (MNOR)		
6.	in	16.	0.	ohms	40.
Tension (TENS)					
10000.	lbs	0.			
Bit Size (BIT)					
6.	Ref in	16.			
Microlog-Caliper					
6.	in	16.			
04/03/2013			REPEAT PASS (5"/100Ft)		
22:53:24 => Start Time			Log UP - (VER 11.08)		
			Start Depth=> 6802.30 Feet		

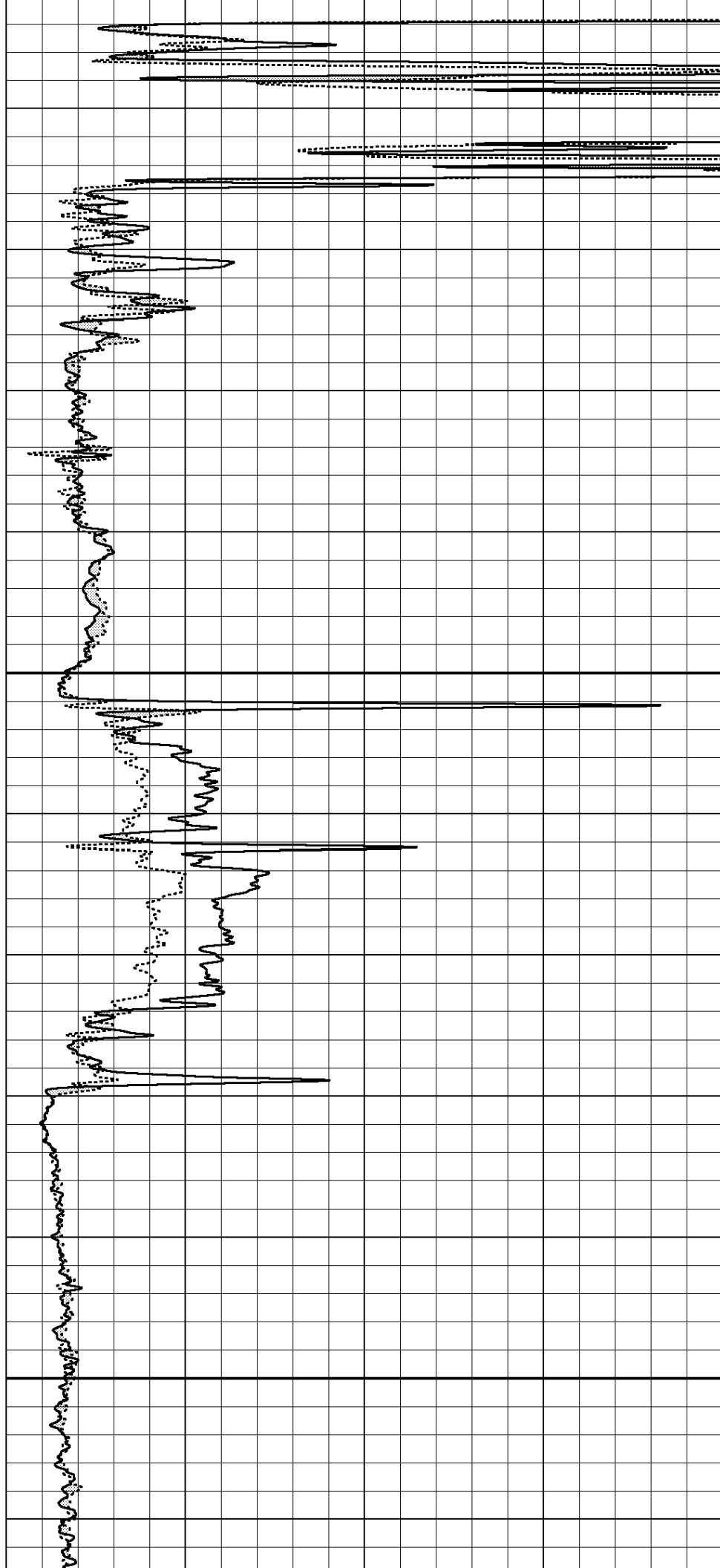
04/03/2013			HIGH DEFINITION PASS (20"/100Ft)		
23:14:25 => End Time			Log UP - (VER 11.08)		
			End Depth=> 6399.98 Feet		
Microlog-Caliper					
6.	in	16.			
Bit Size (BIT)					
6.	Ref in	16.			
Tension (TENS)					
10000.	lbs	0.			

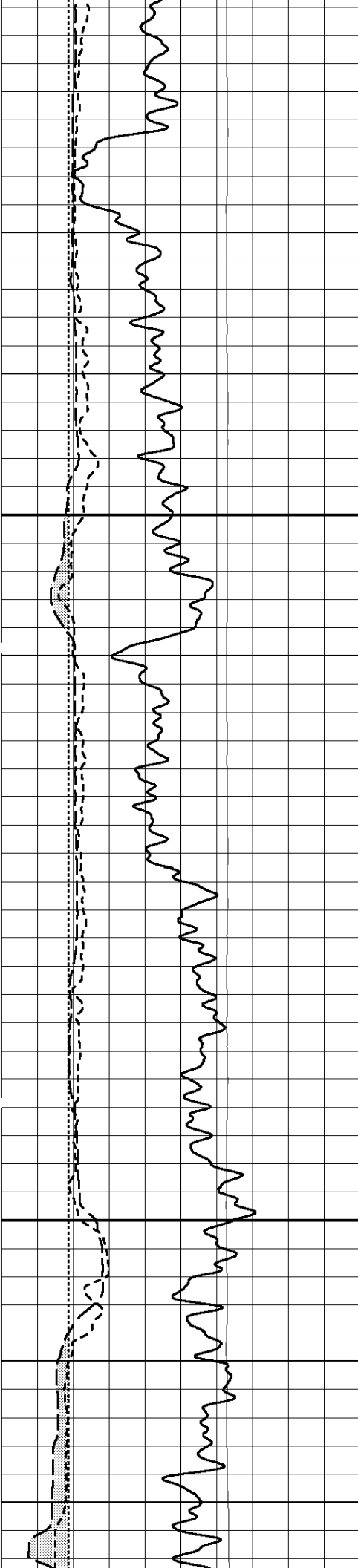




6475

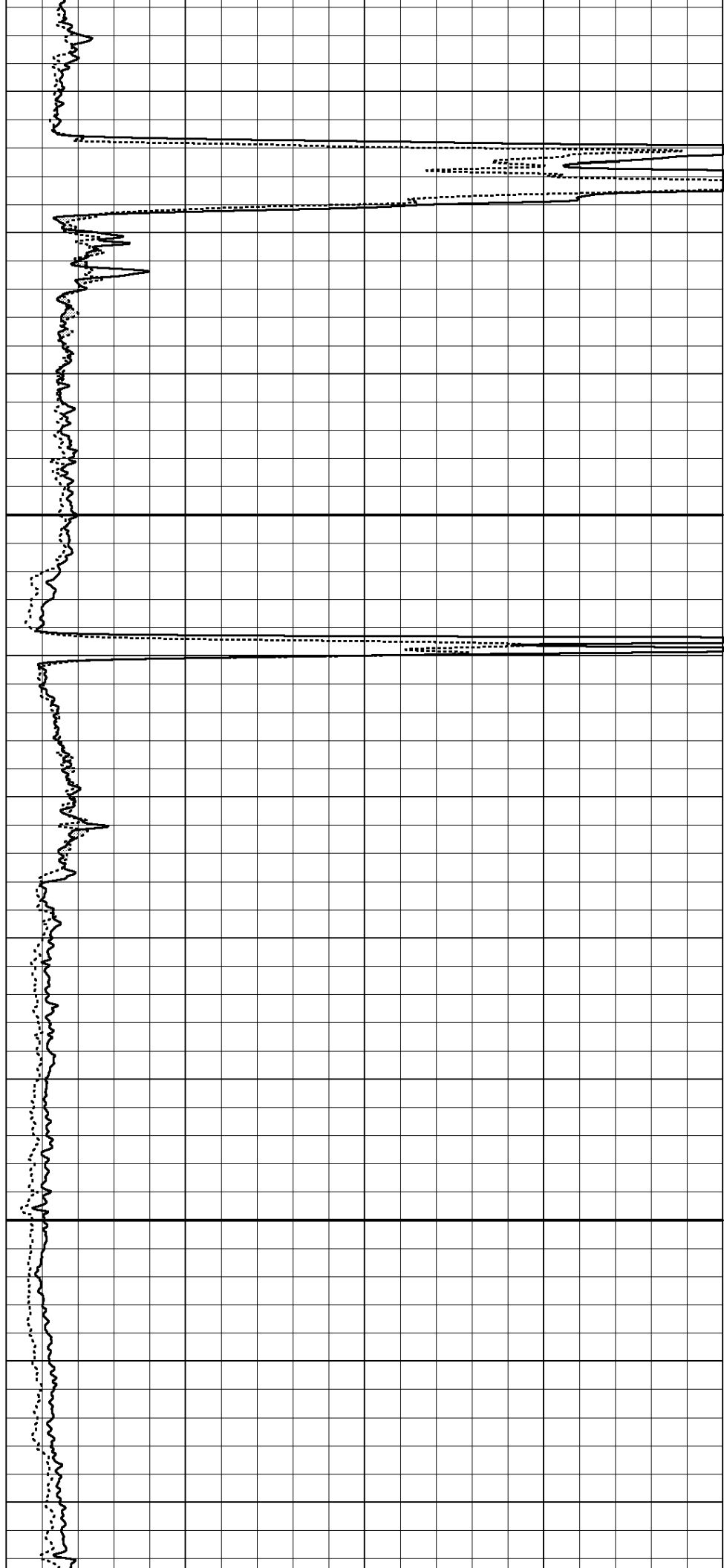
6500

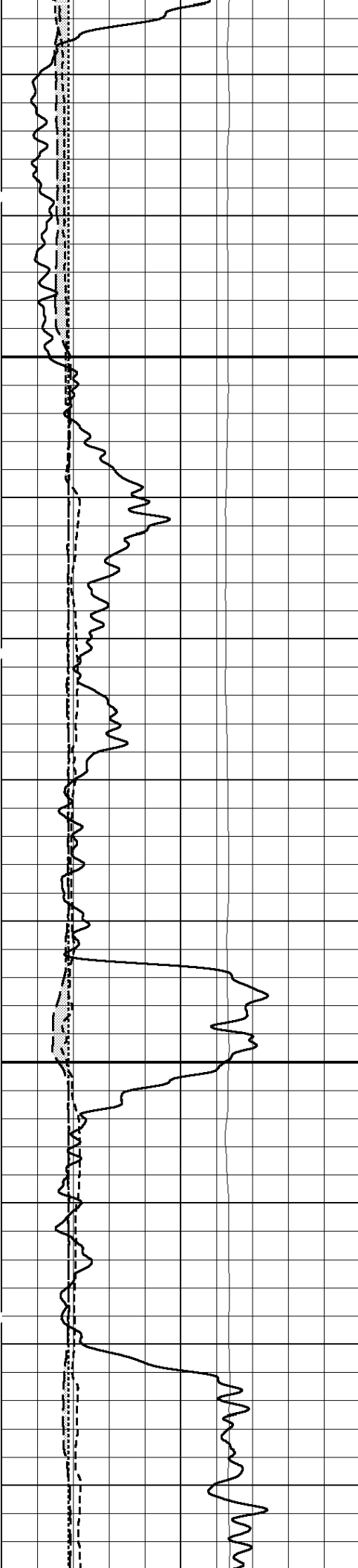




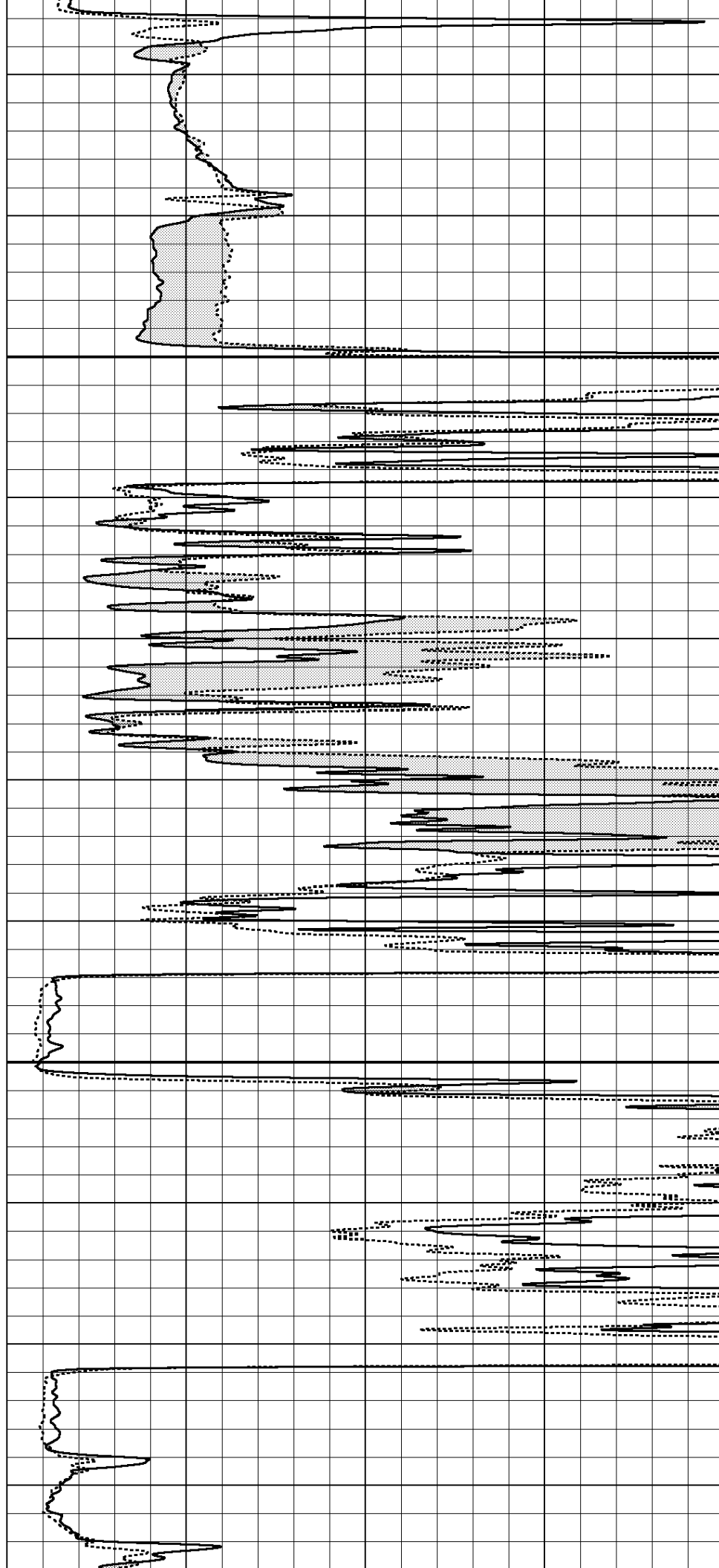
6525

6550

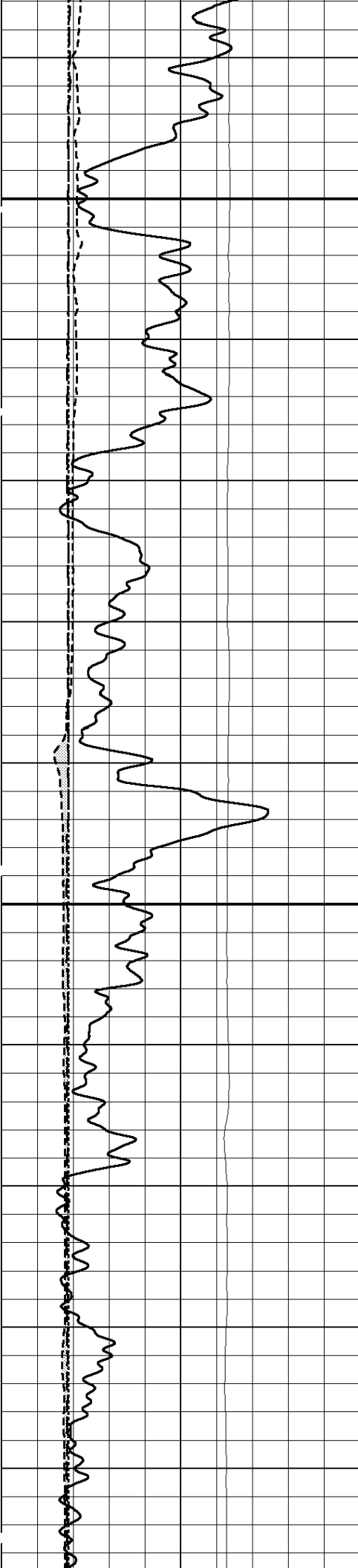




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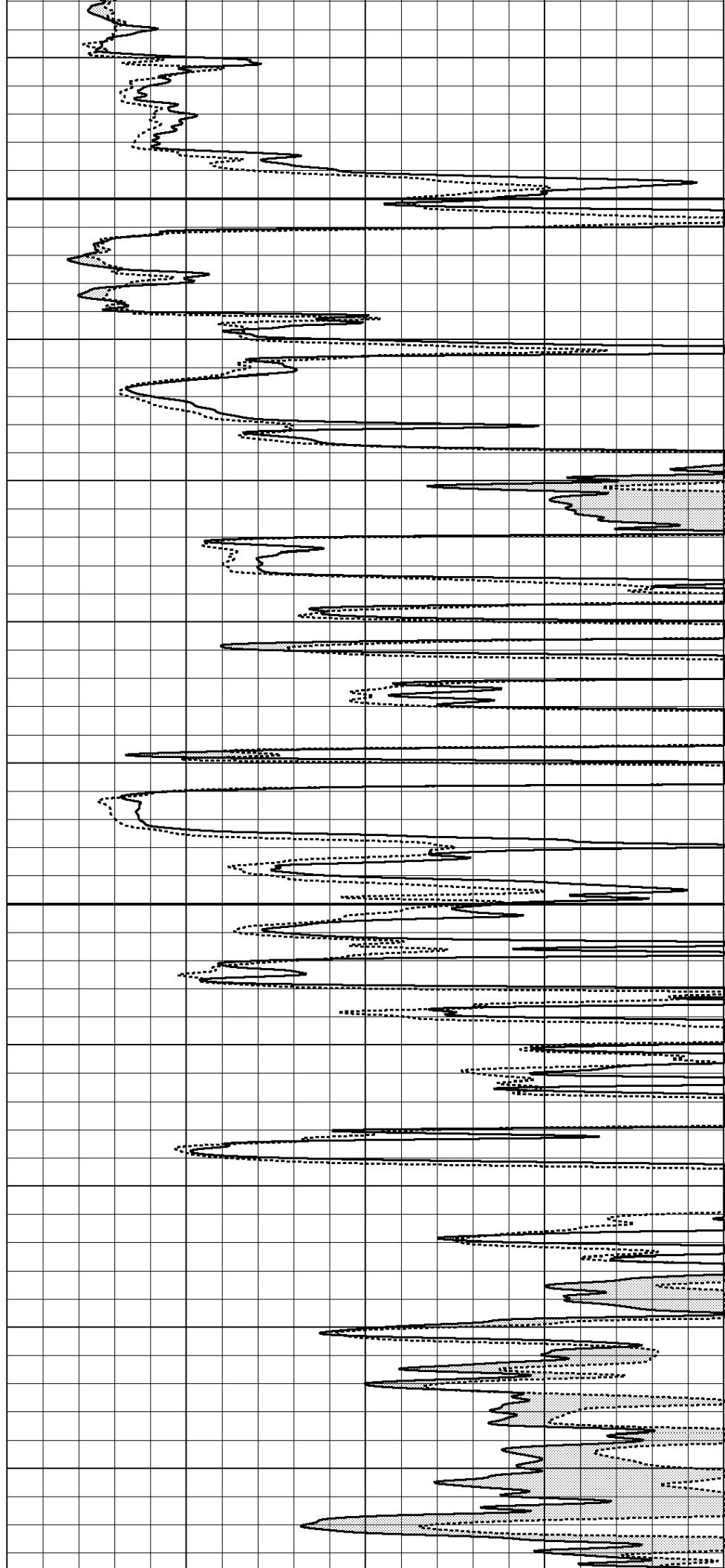


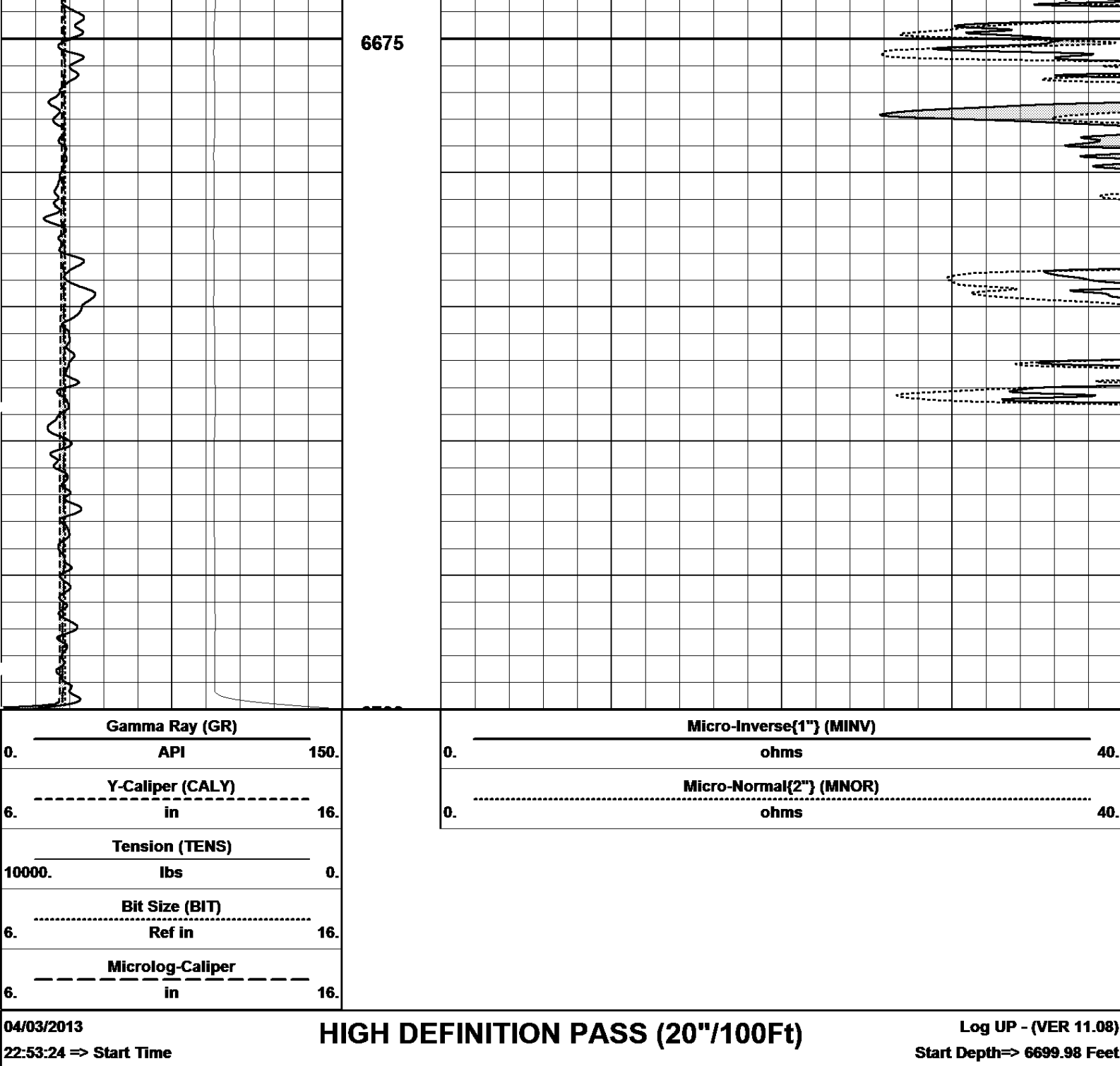
6600



6625

6650





MICRO INVERSE CALIBRATIONS

SERIAL NUM

RM8005

MASTER CALIBRATIONS

	ZeroVal: 0.020 ohmm	CalVal: 10.000 ohmm	Gain/Offset	CALIBRATION DATE	CALIBRATION TIME
BASE CALS	22.467 - raw	300.000 - raw	0.036 - gain -0.788 - off	M/D/Y> 2/8/2013	H:M:S> 11:17:7

MICRO NORMAL CALIBRATIONS

SERIAL NUM

RM8005

MASTER CALIBRATIONS

ZeroVal: 0.020 ohmm

CalVal: 10.000 ohmm

Gain/Offset

CALIBRATION DATE

CALIBRATION TIME

BASE CALS

38.493 - raw

379.236 - raw

0.029 - gain
-1.107 - off

M/D/Y> 2/8/2013

H:M:S> 11:23:22

GAMMA RAY CALIBRATION

SERIAL NUM

RG3011

BLANKET NUM

1A

MASTER CALIBRATIONS

BackGrnd

CalVal: 135.000 API

Gain/Offset

CALIBRATION DATE

CALIBRATION TIME

BASE CALS

60.734 - raw

435.140 - raw

0.361 - gain
0.000 - off

M/D/Y> 2/7/2013

H:M:S> 14:15:20

Y CALIPER CALIBRATIONS

SERIAL NUM

RN2007

MASTER CALIBRATIONS

ZeroVal: 6.000 in

CalVal: 10.000 in

Gain/Offset

CALIBRATION DATE

CALIBRATION TIME

BASE CALS

734.921 - raw

1470.267 - raw

0.005 - gain
2.002 - off

M/D/Y> 2/7/2013

H:M:S> 15:16:2

MICRO CALIPER CALIBRATIONS

SERIAL NUM

RM8005

MASTER CALIBRATIONS

ZeroVal: 6.000 in

CalVal: 10.000 in

Gain/Offset

CALIBRATION DATE

CALIBRATION TIME

BASE CALS

2060.785 - raw

3997.474 - raw

0.002 - gain
1.744 - off

M/D/Y> 2/7/2013

H:M:S> 16:6:48

Company

MIDWESTERN EXPLORATION, LLC.

Well

GOOCH #1-8

Field

GOOCH

County

STEVENS

State

KANSAS

RECONMICROLOG
GAMMA RAY
X-Y CALIPER



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