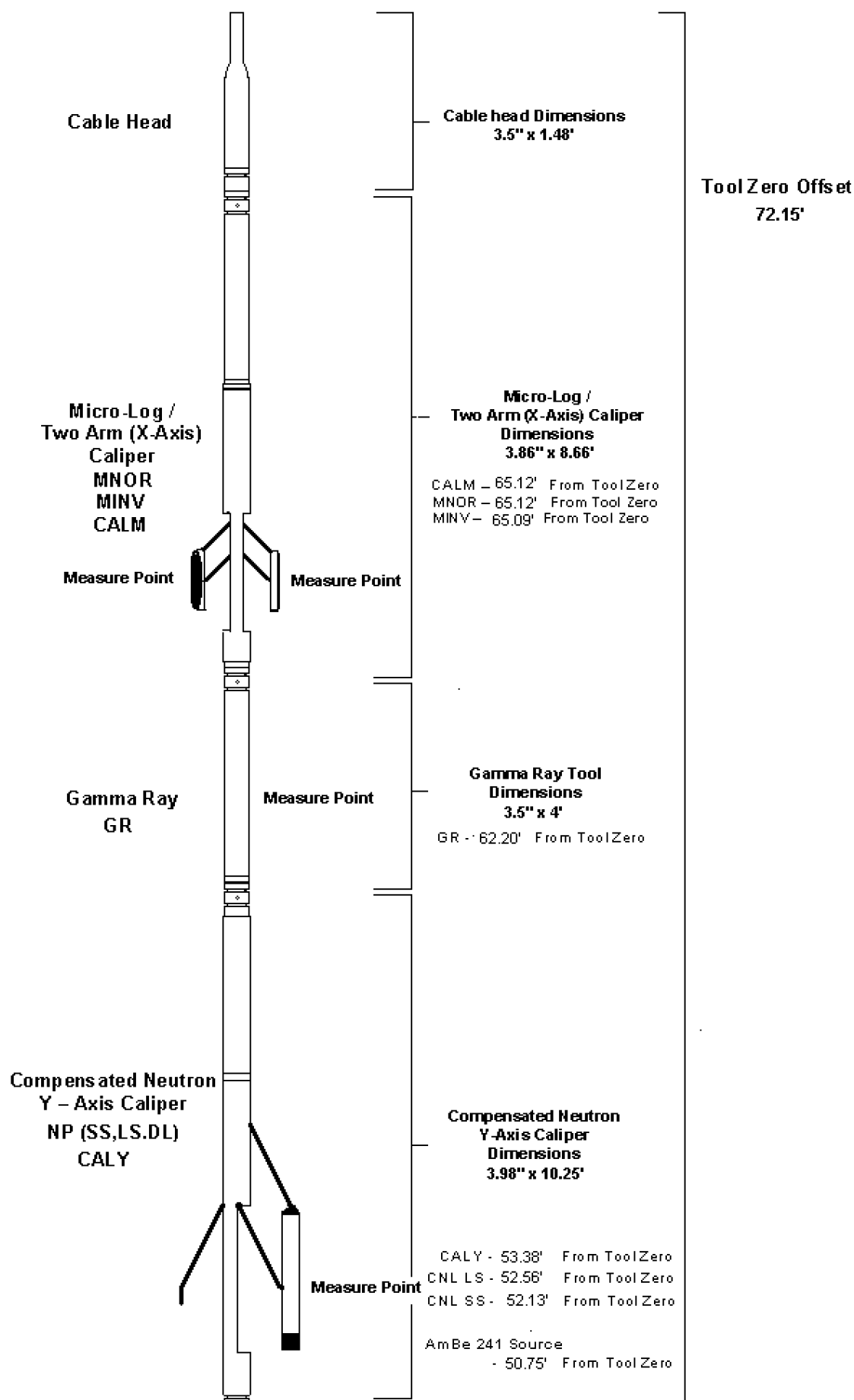


**DUAL INDUCTION – SP / BHC SONIC /
GAMMA RAY / LITHO-DENSITY / X CALIPER
COMPENSATED NEUTRON / Y-CALIPER
MICRO - LOG / M-CALIPER**



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'

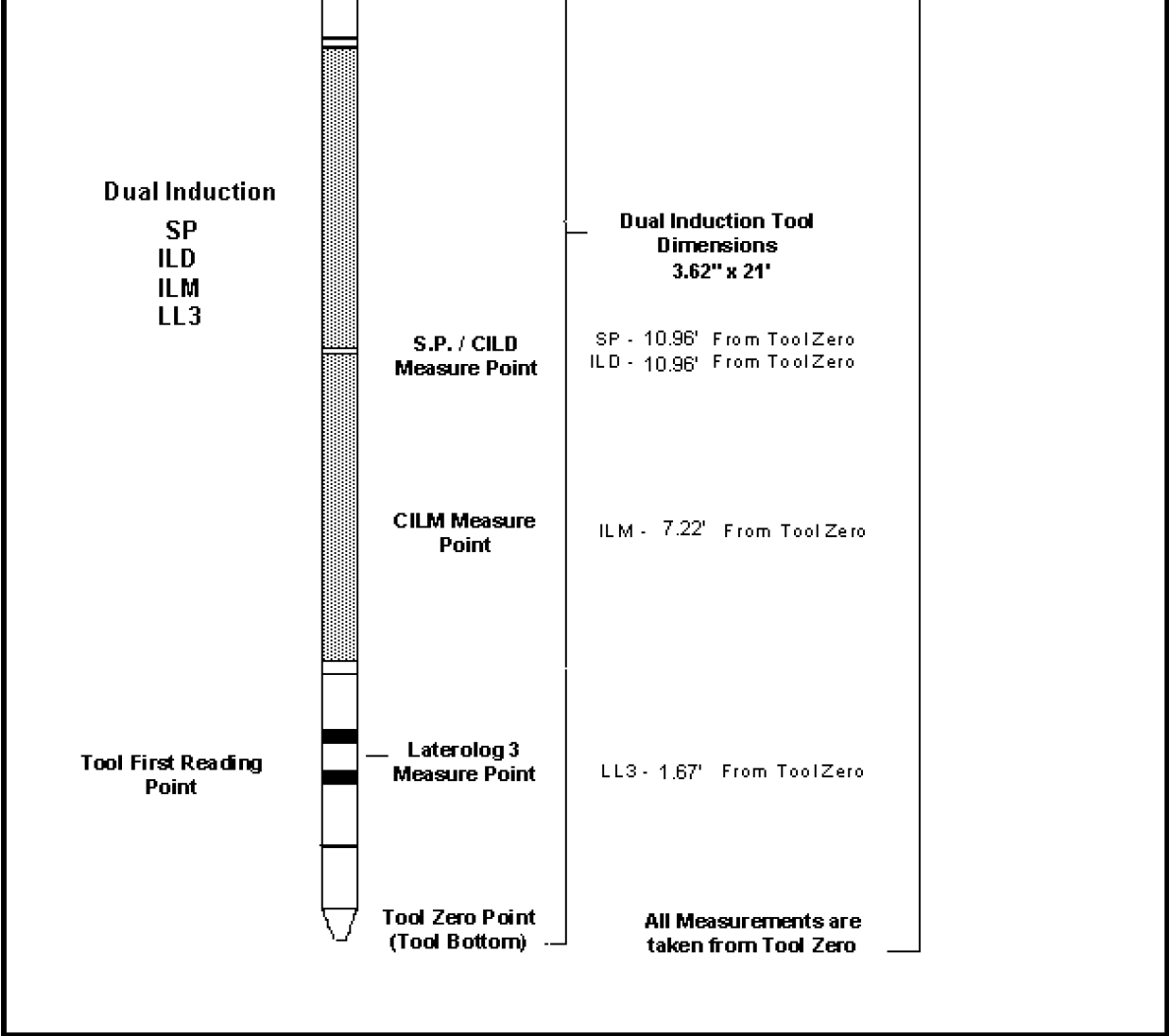
T1R1 - 32.87' From ToolZero
T1R2 - 31.36' From ToolZero

R-1
Receiver 1

R-2
Receiver 2

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

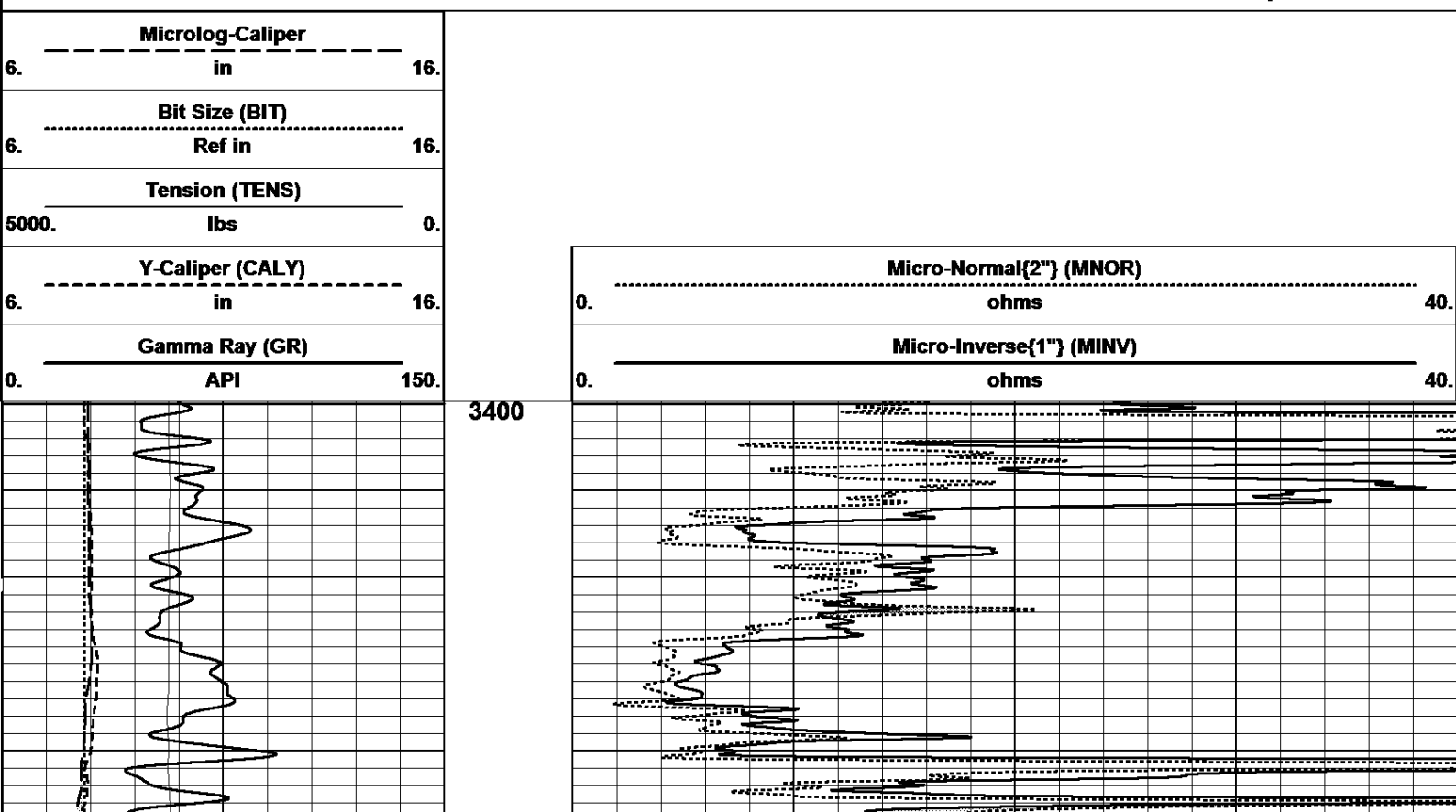
T-2
Transmitter 2

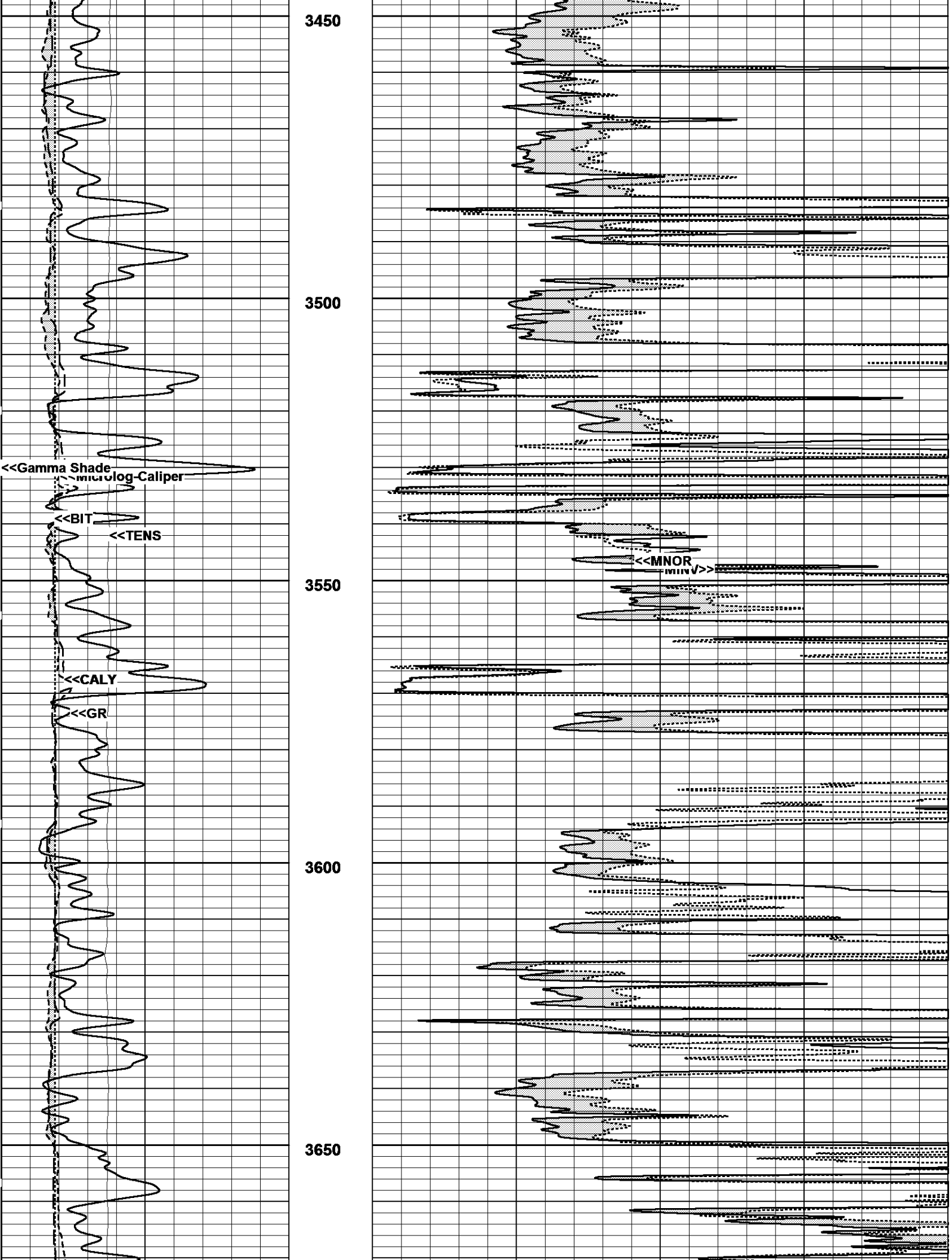


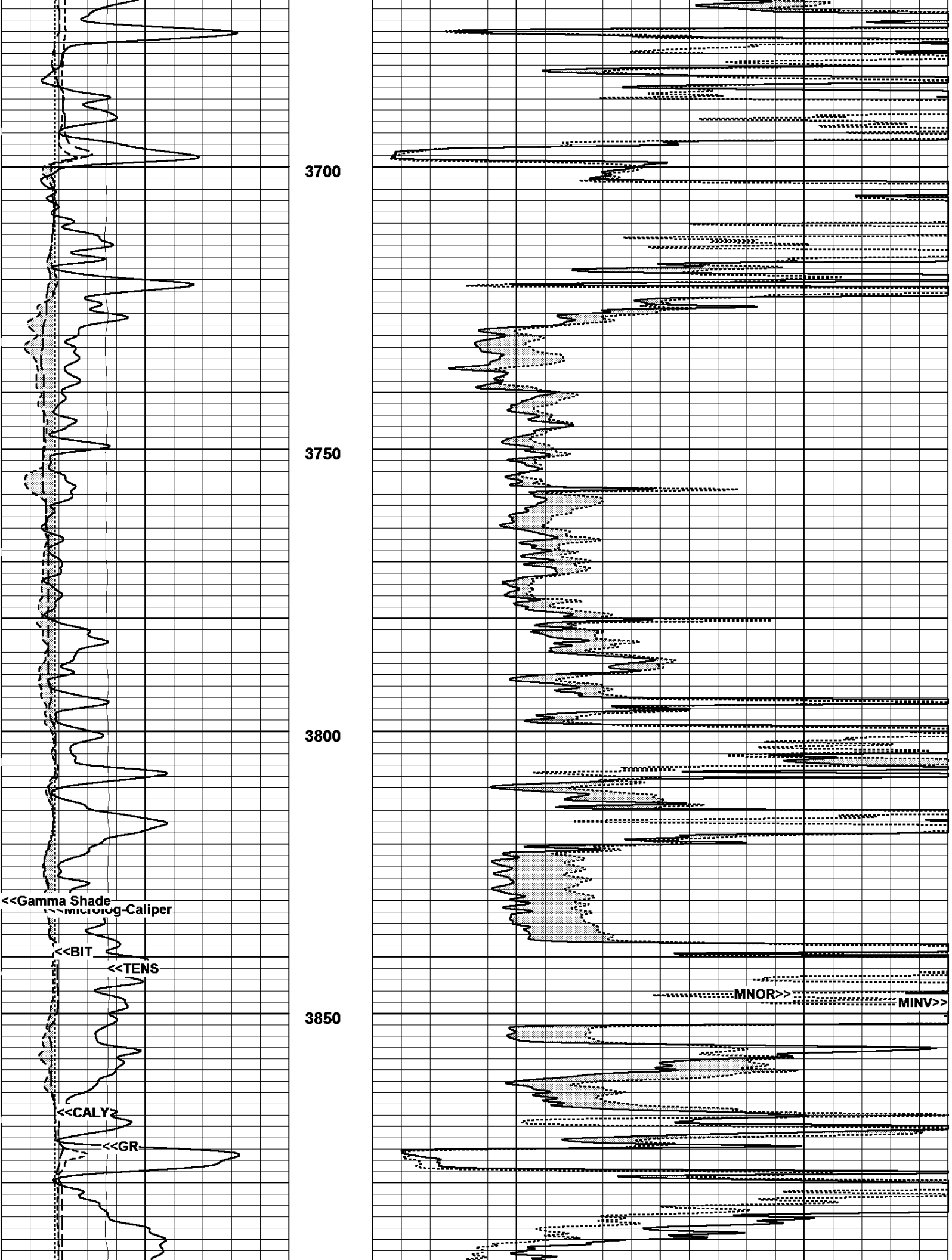
02/14/2014
13:23:48 => End Time

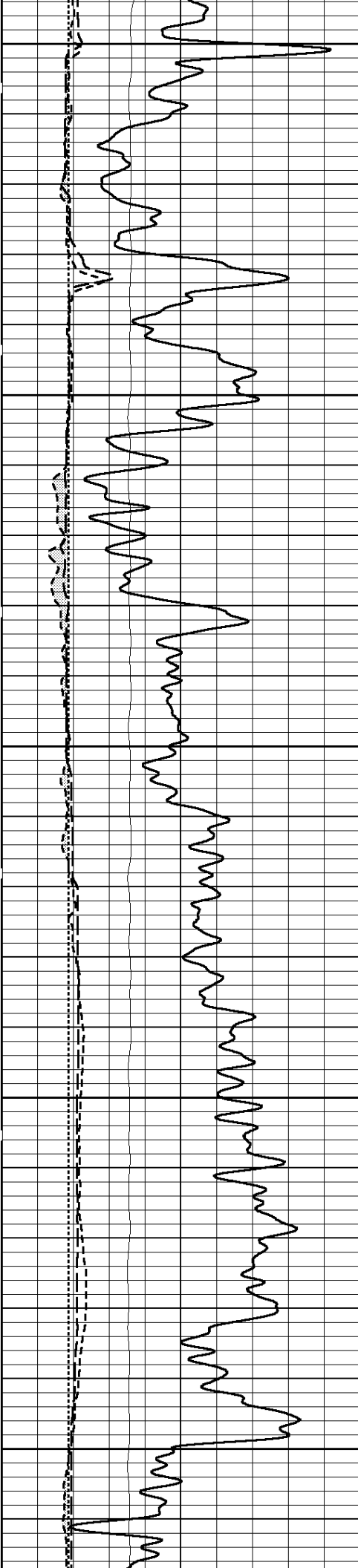
MAIN PASS (5"/100Ft)

Log UP - (VER 11.17)
End Depth=> 3399.90 Feet









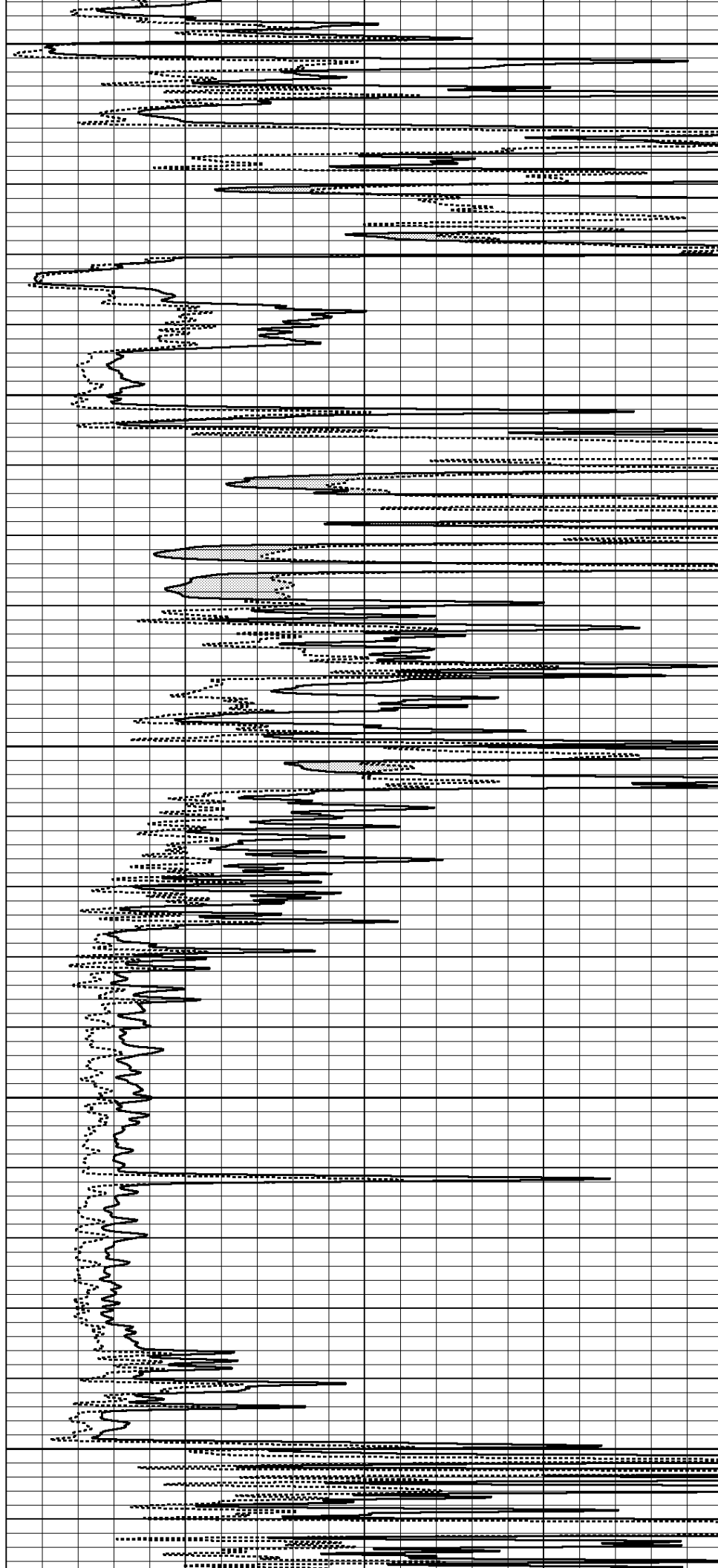
3900

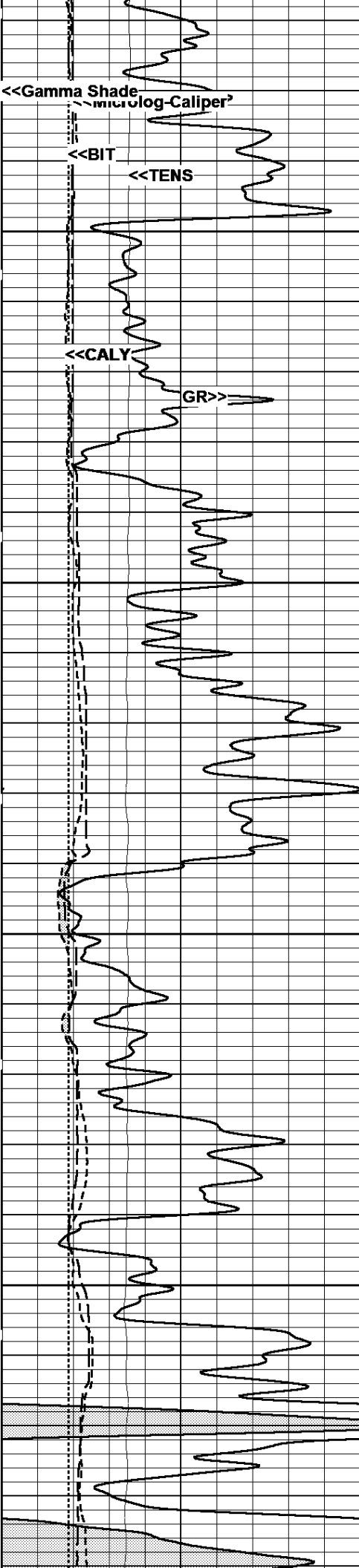
3950

4000

4050

4100



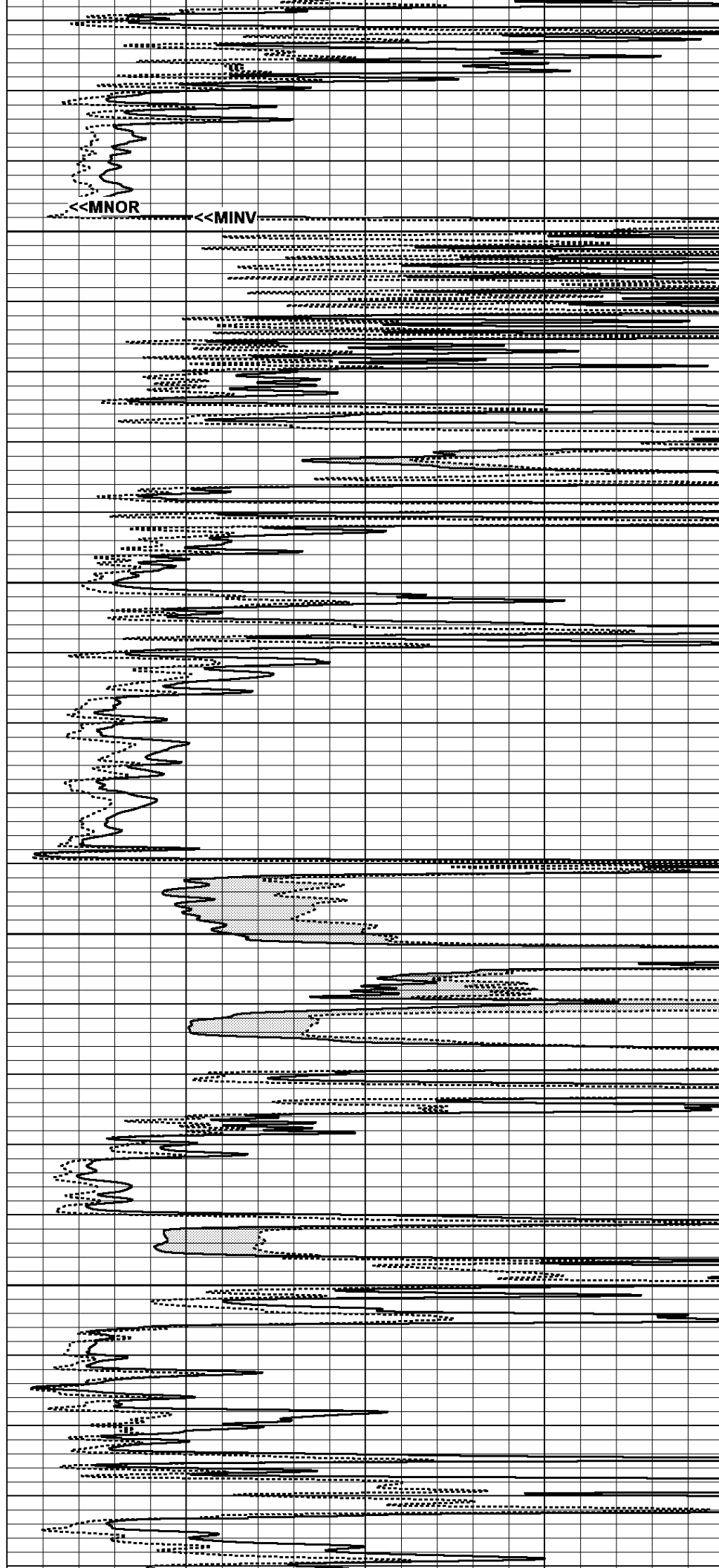


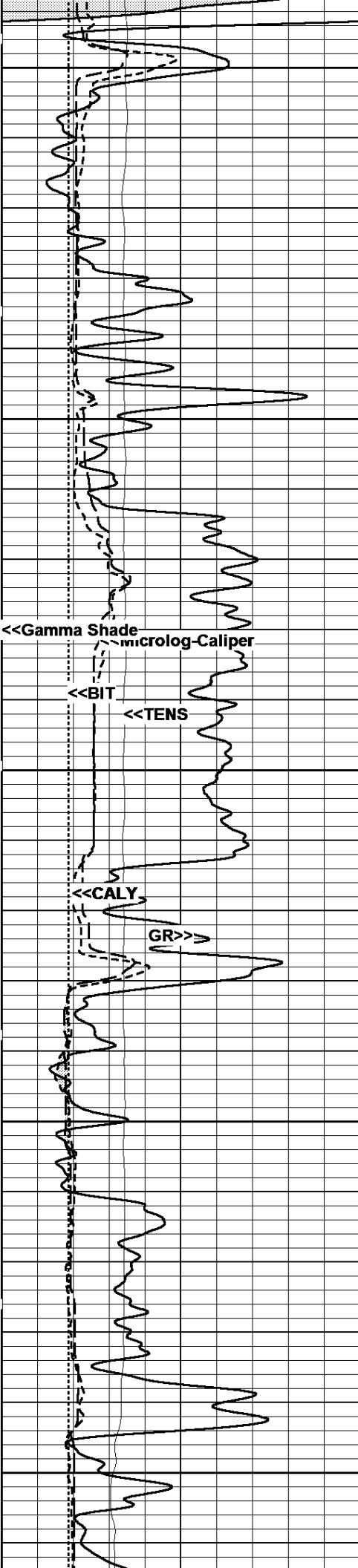
4150

4200

4250

4300





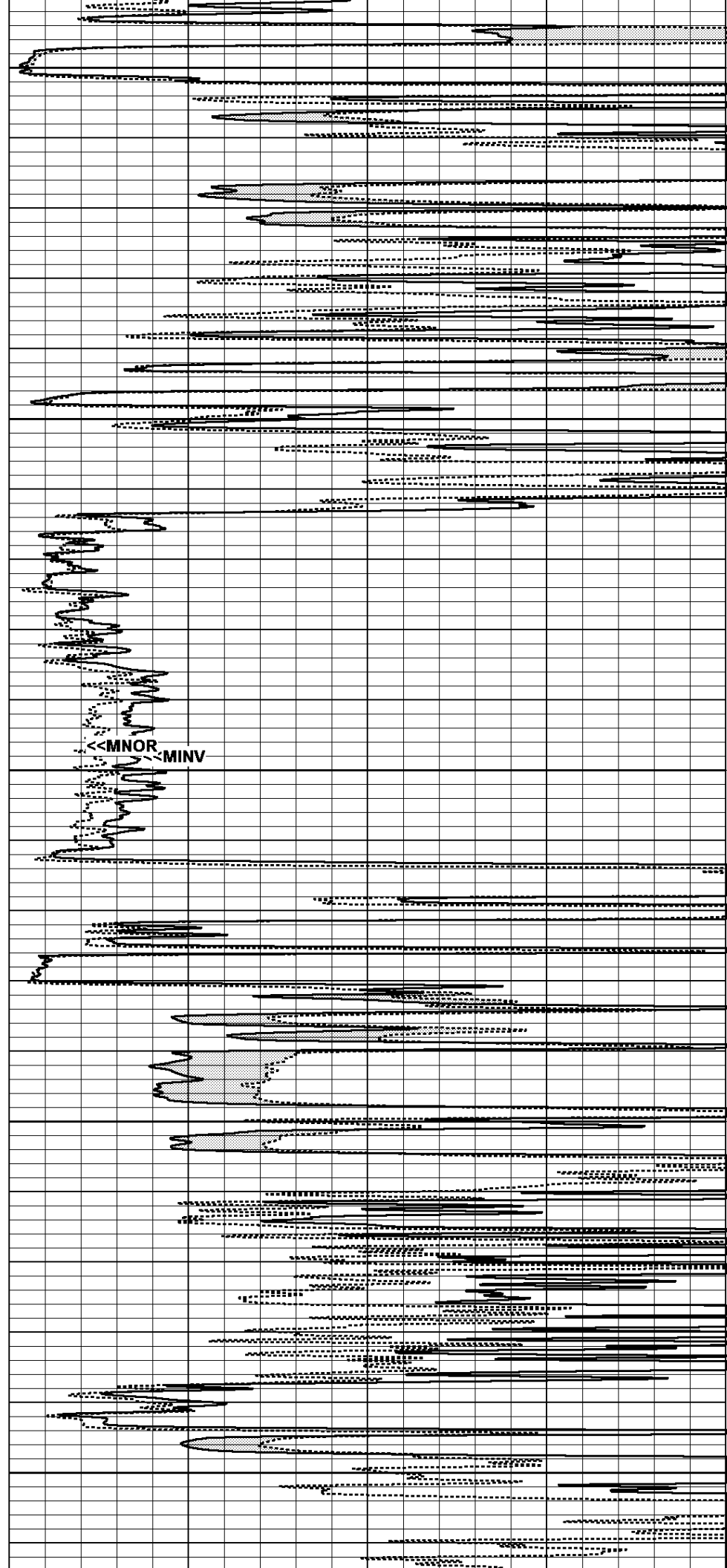
4350

4400

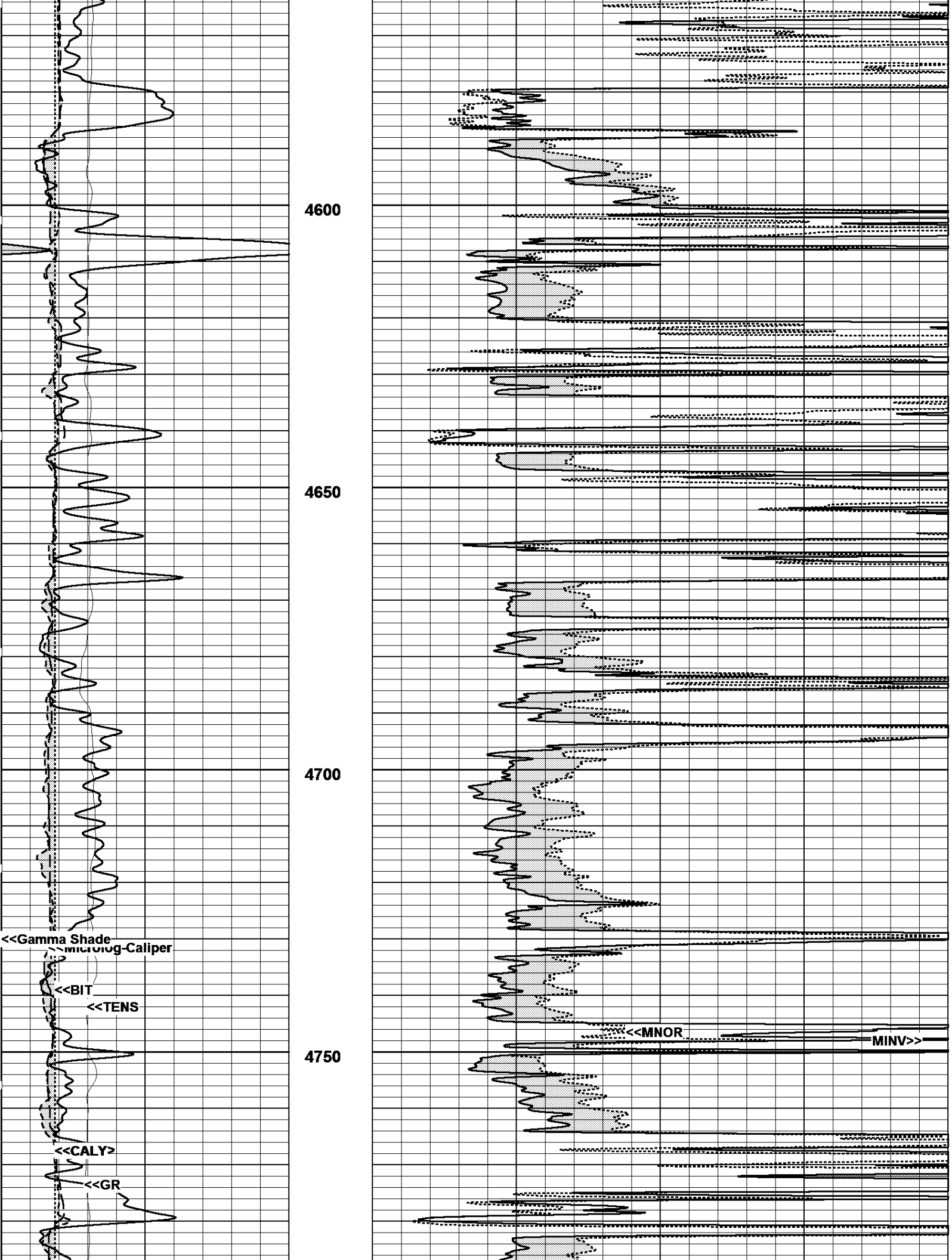
4450

4500

4550



MNOR MINV





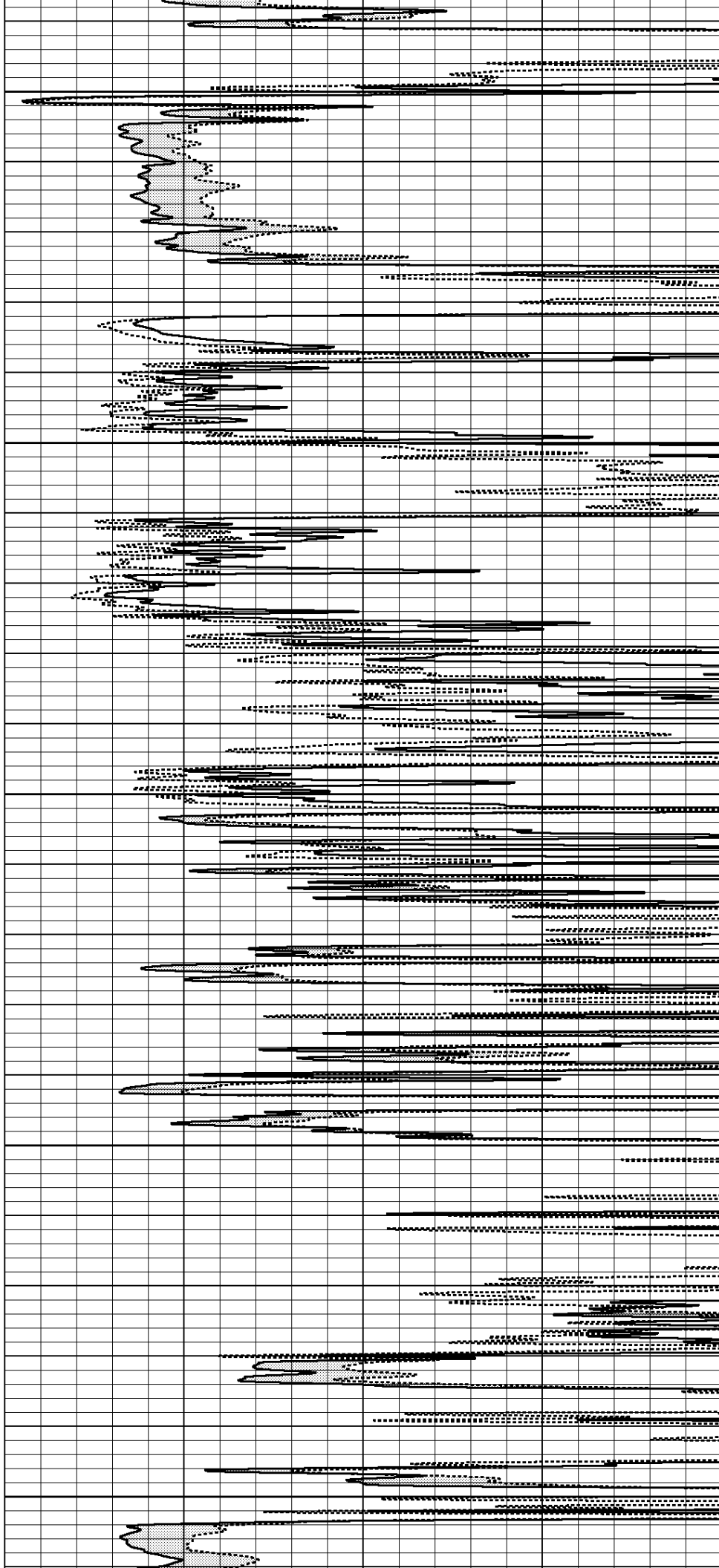
4800

4850

4900

4950

5000



<<Gamma Shade
Microlog-Caliper

<<BIT
<<TENS

<<CALY*

<<GR

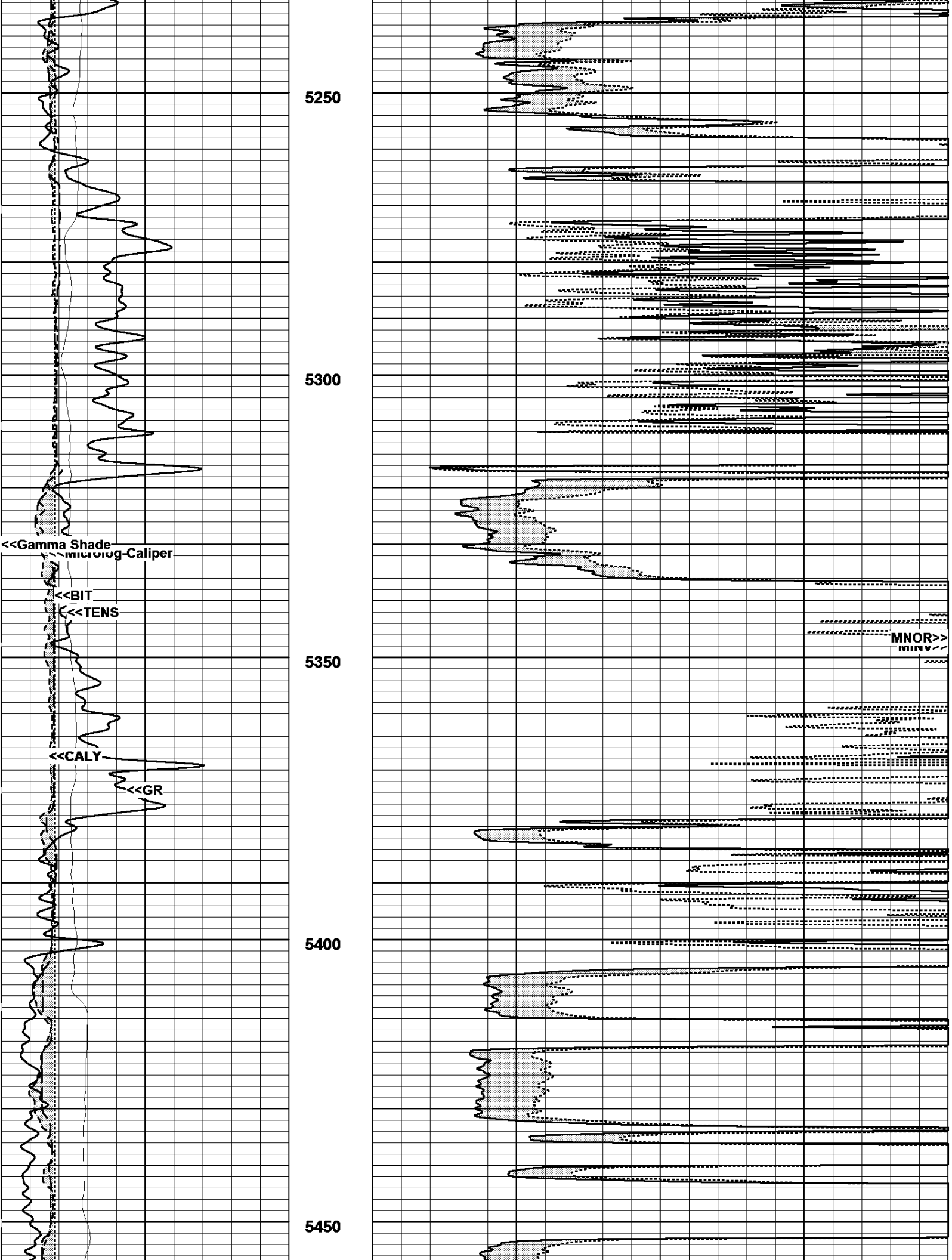
5050

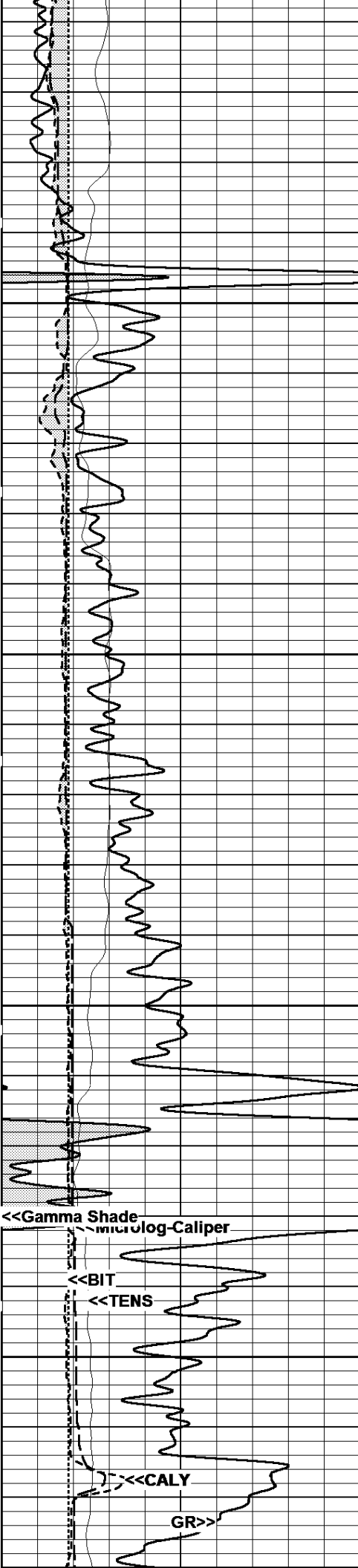
5100

5150

5200

<<MINV <<MNOR



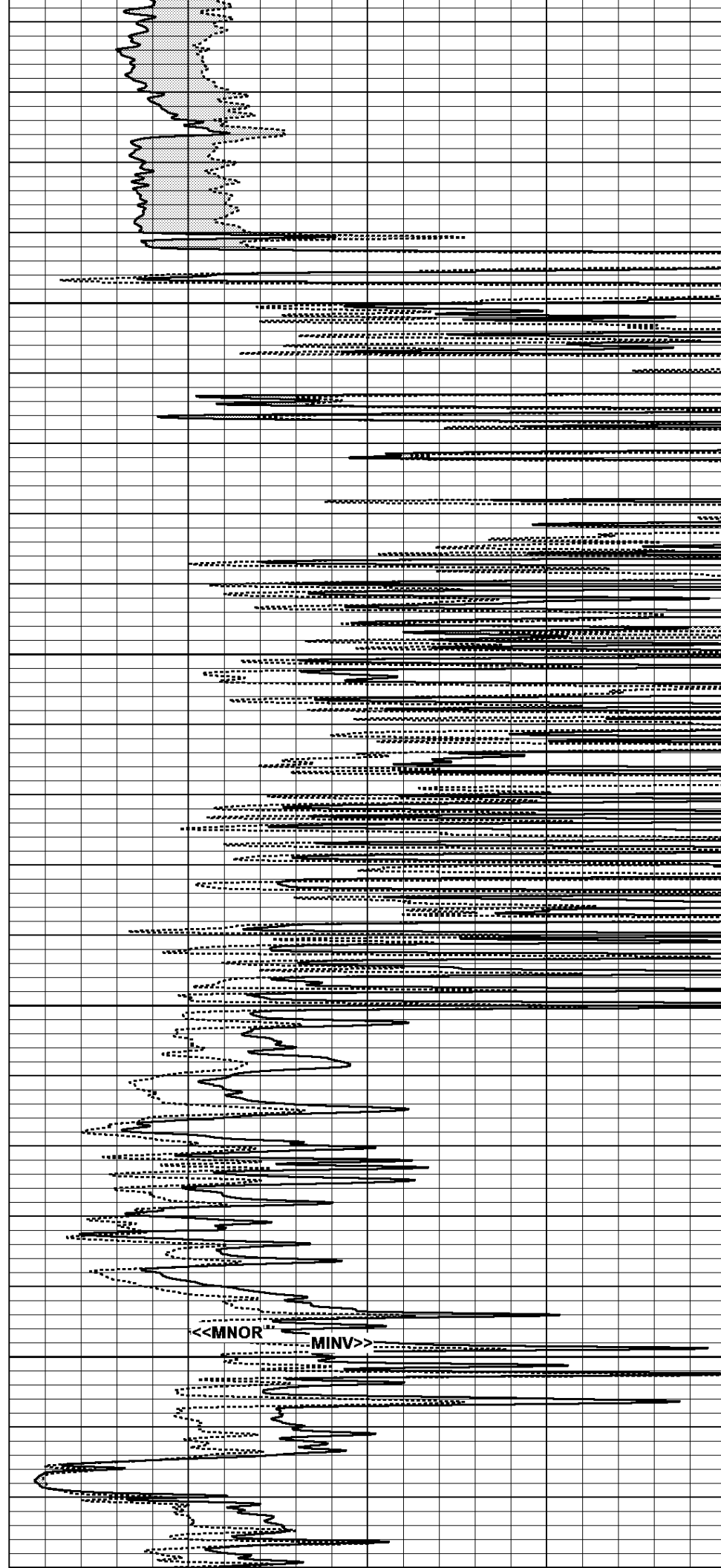


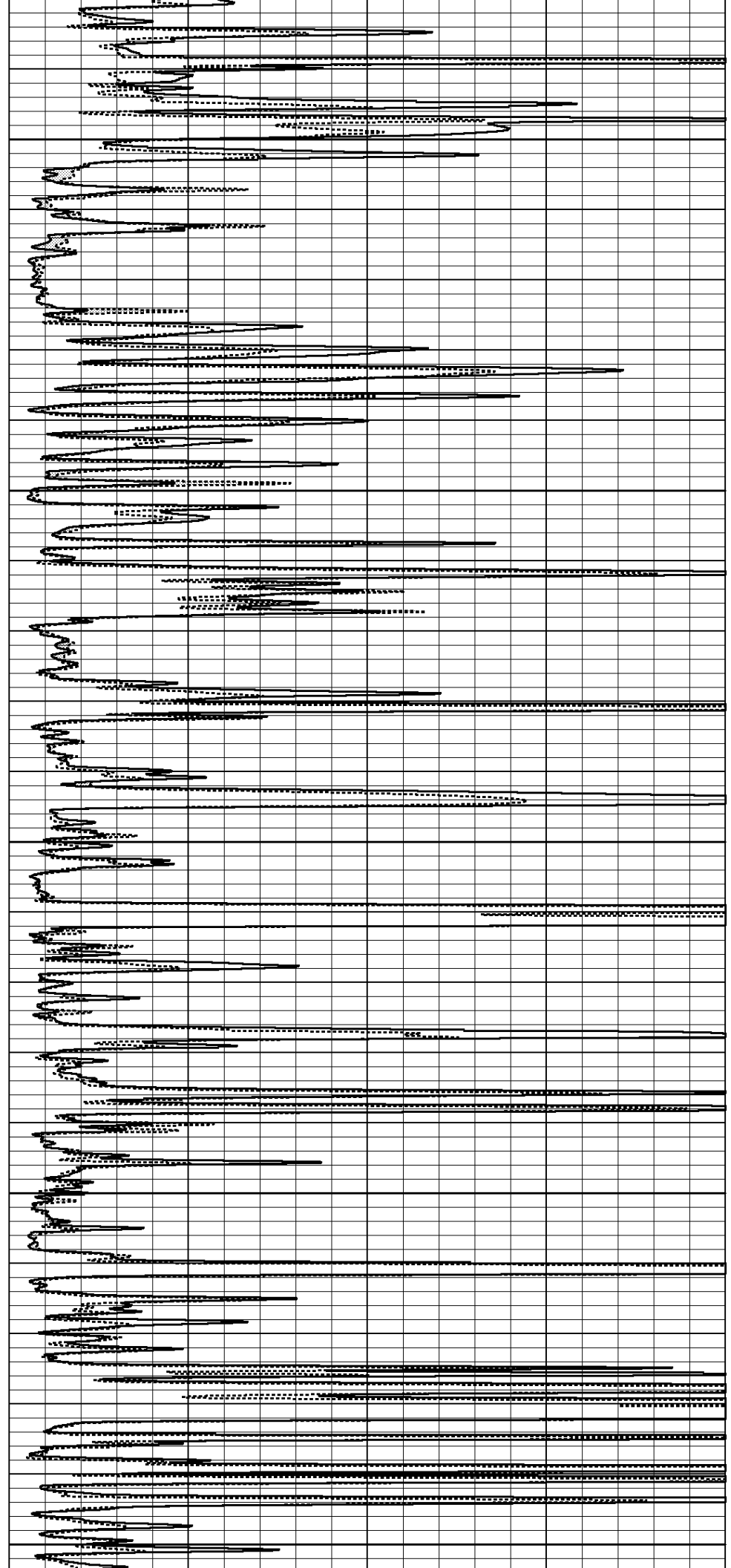
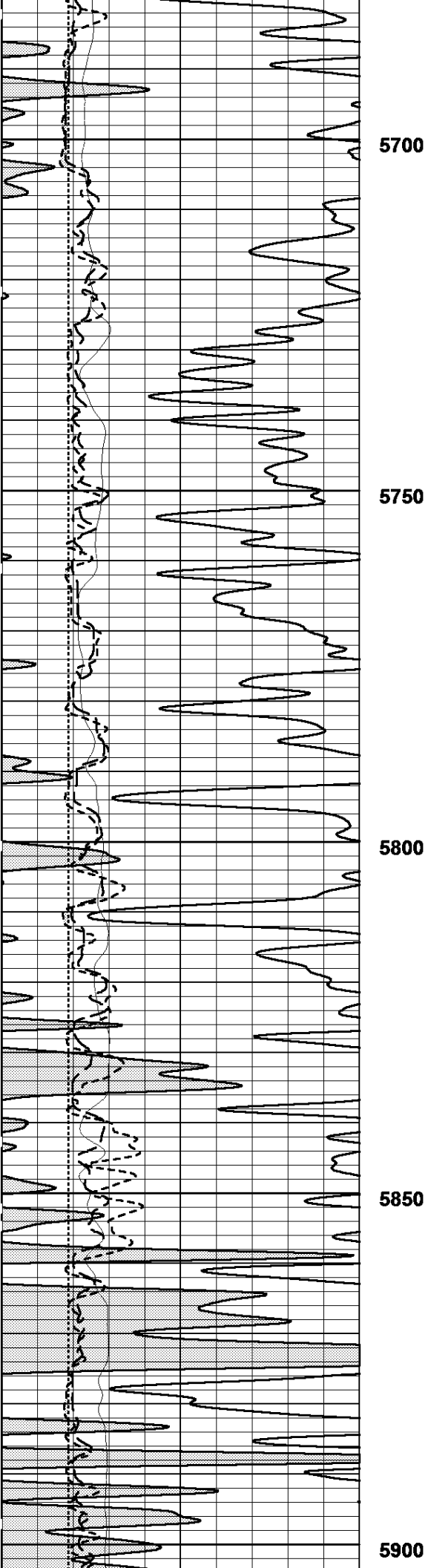
5500

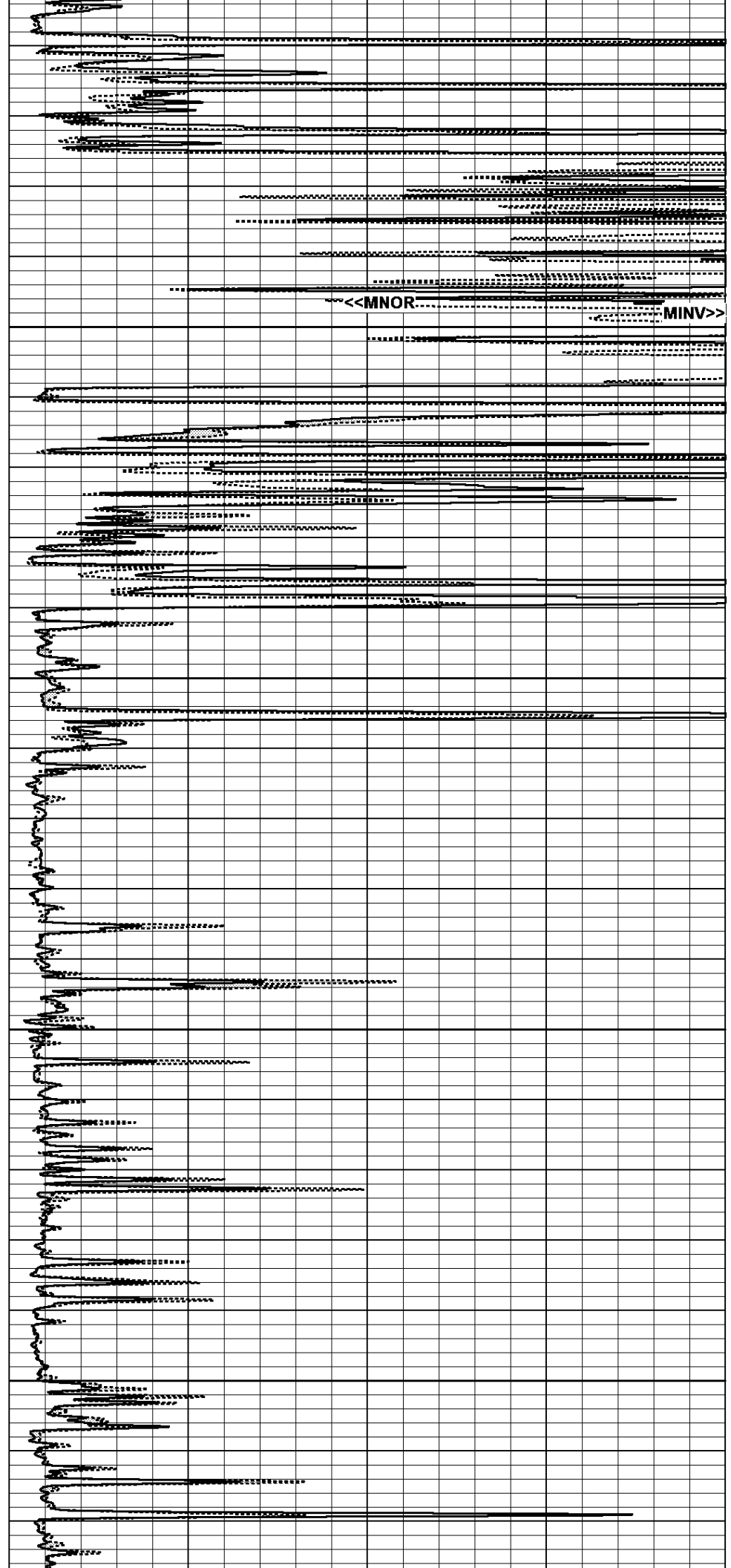
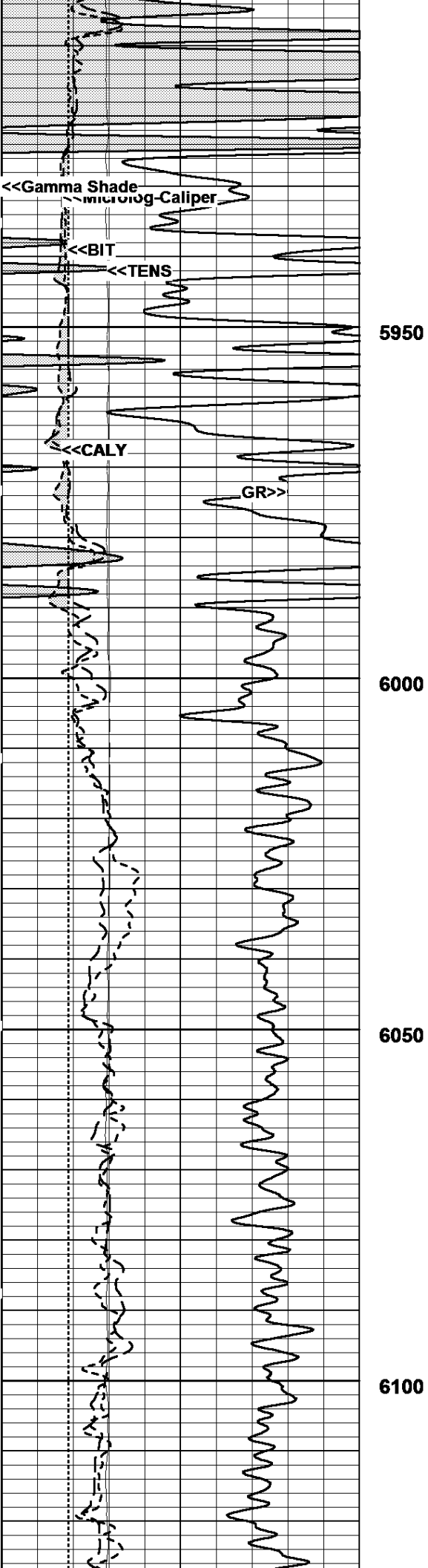
5550

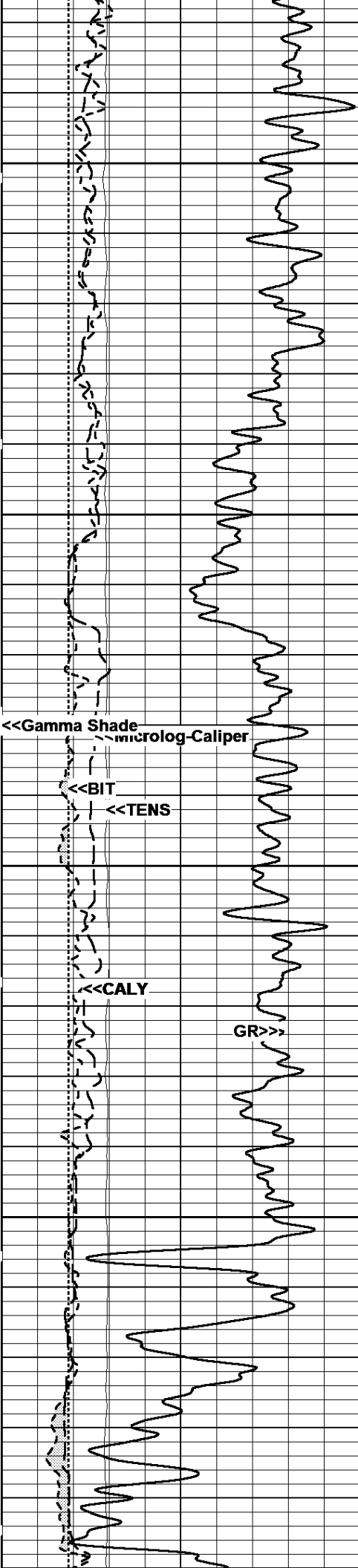
5600

5650







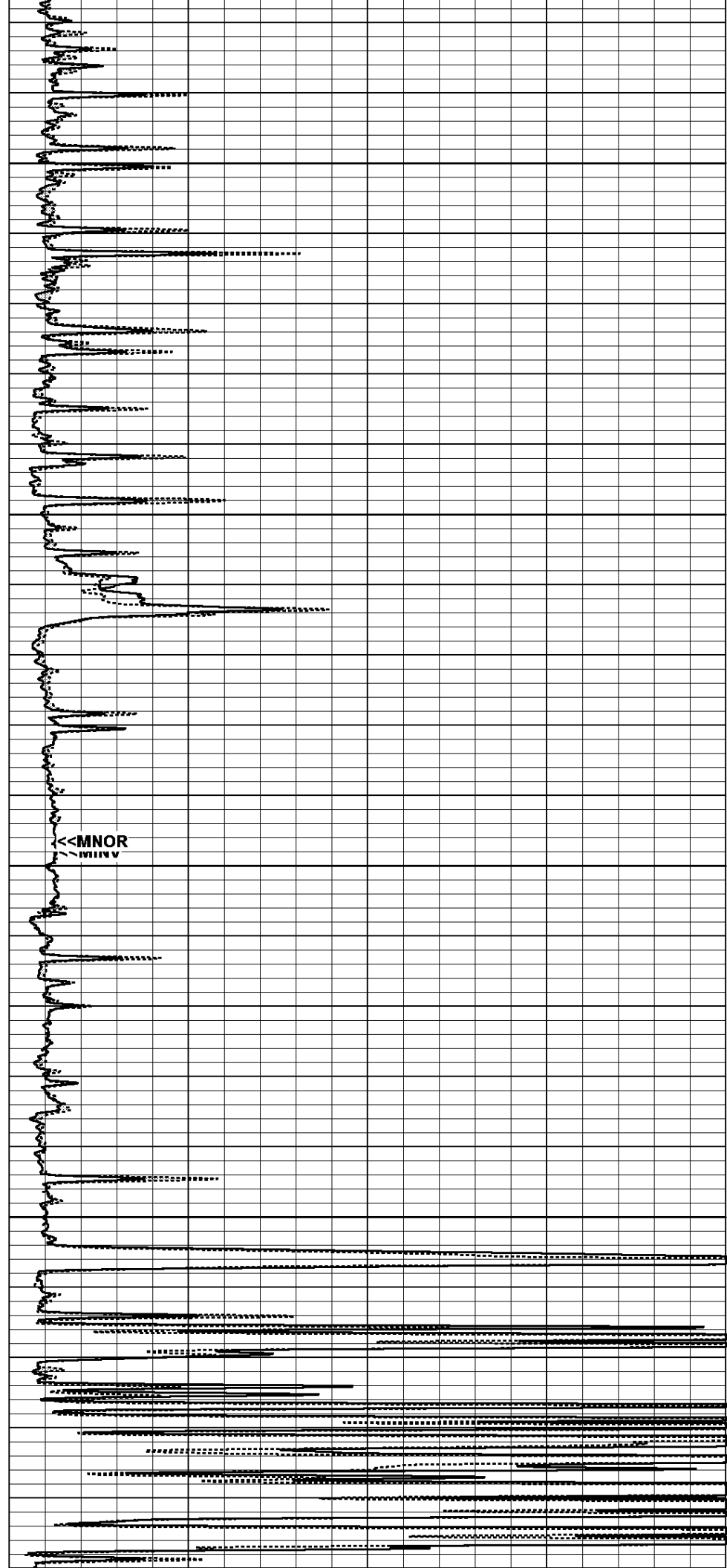


6150

6200

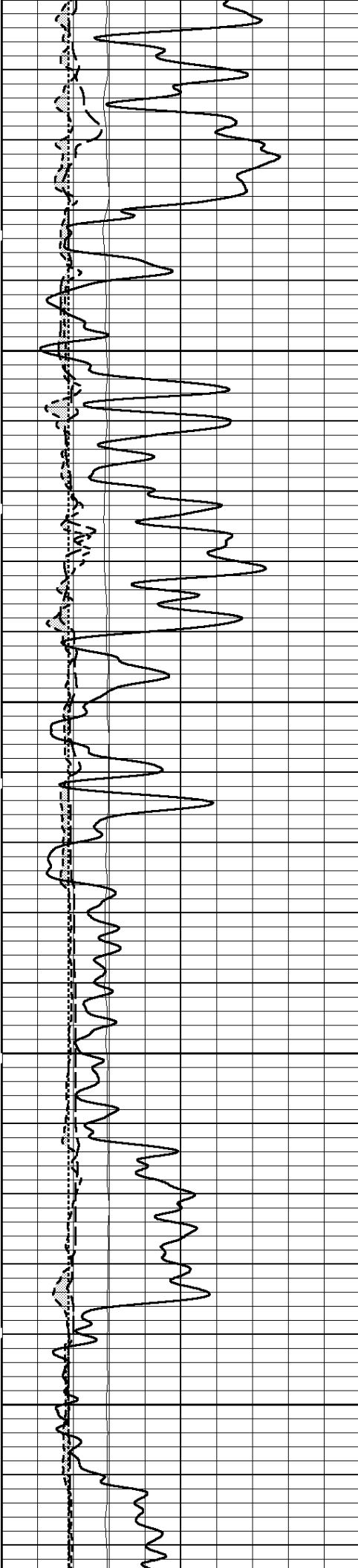
6250

6300



<<MNOR

MNOR



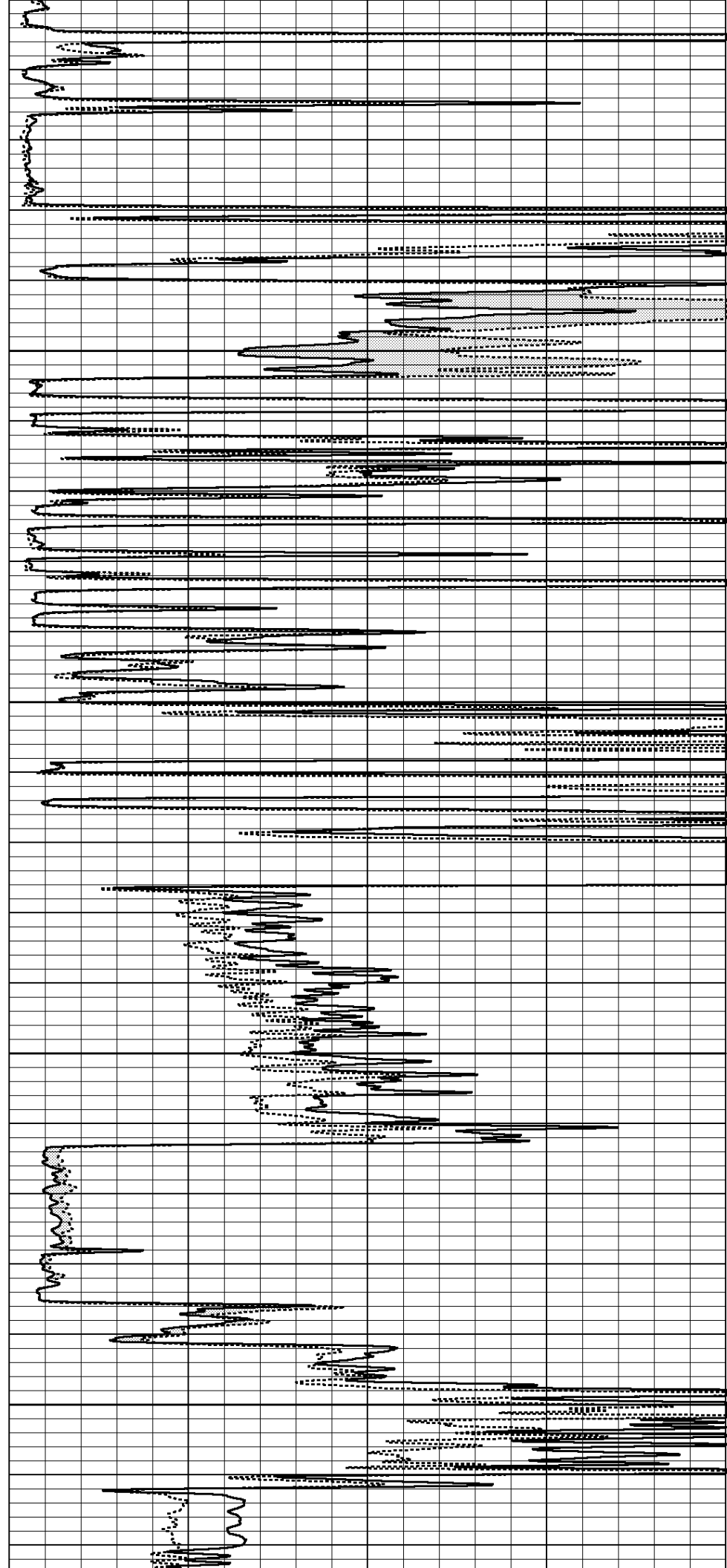
6350

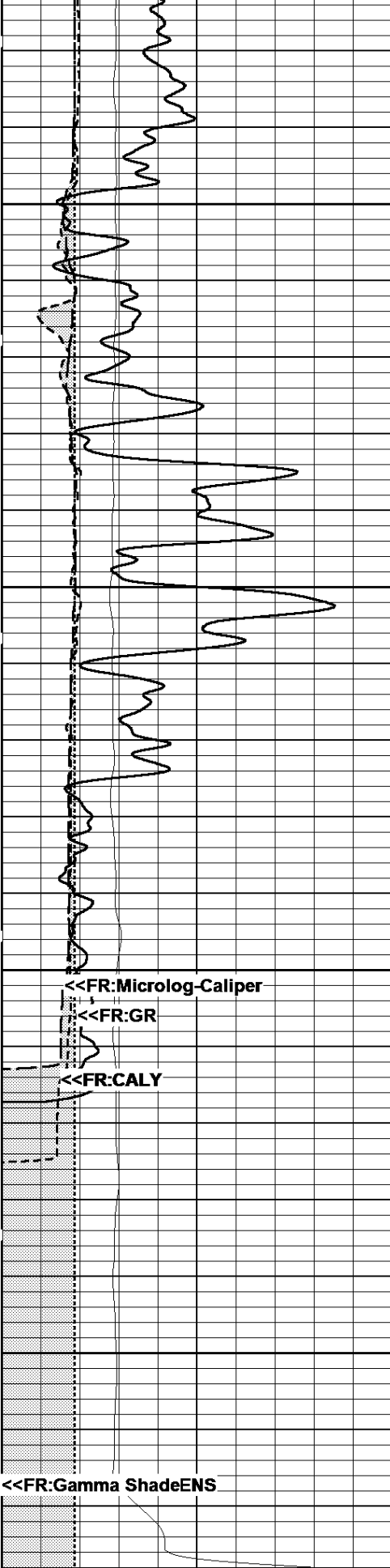
6400

6450

6500

6550





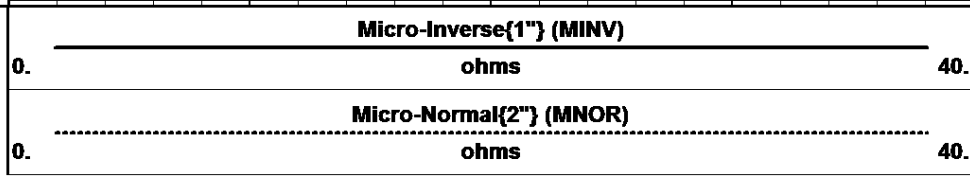
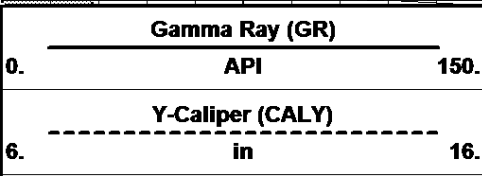
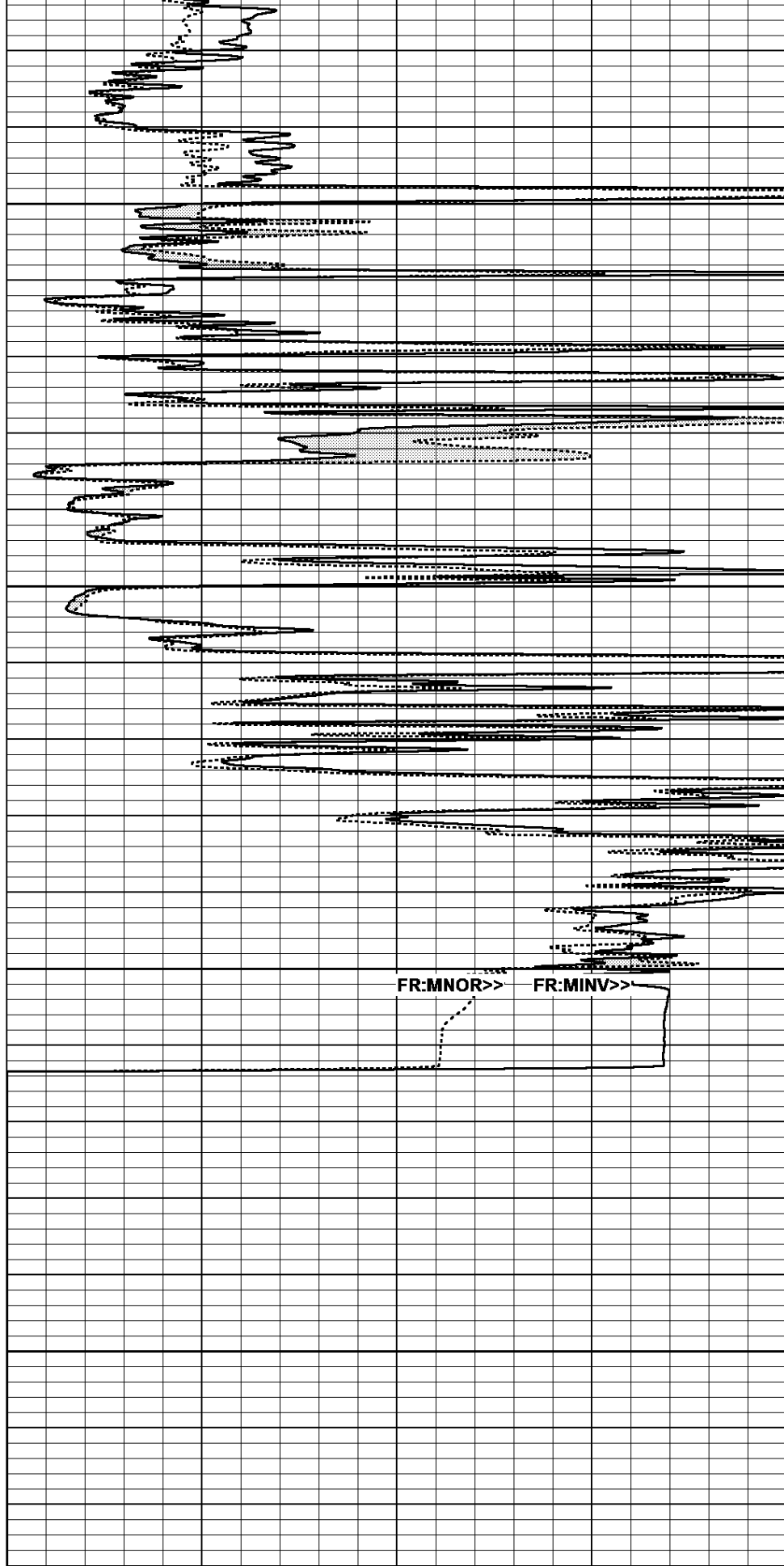
6600

6650

6700

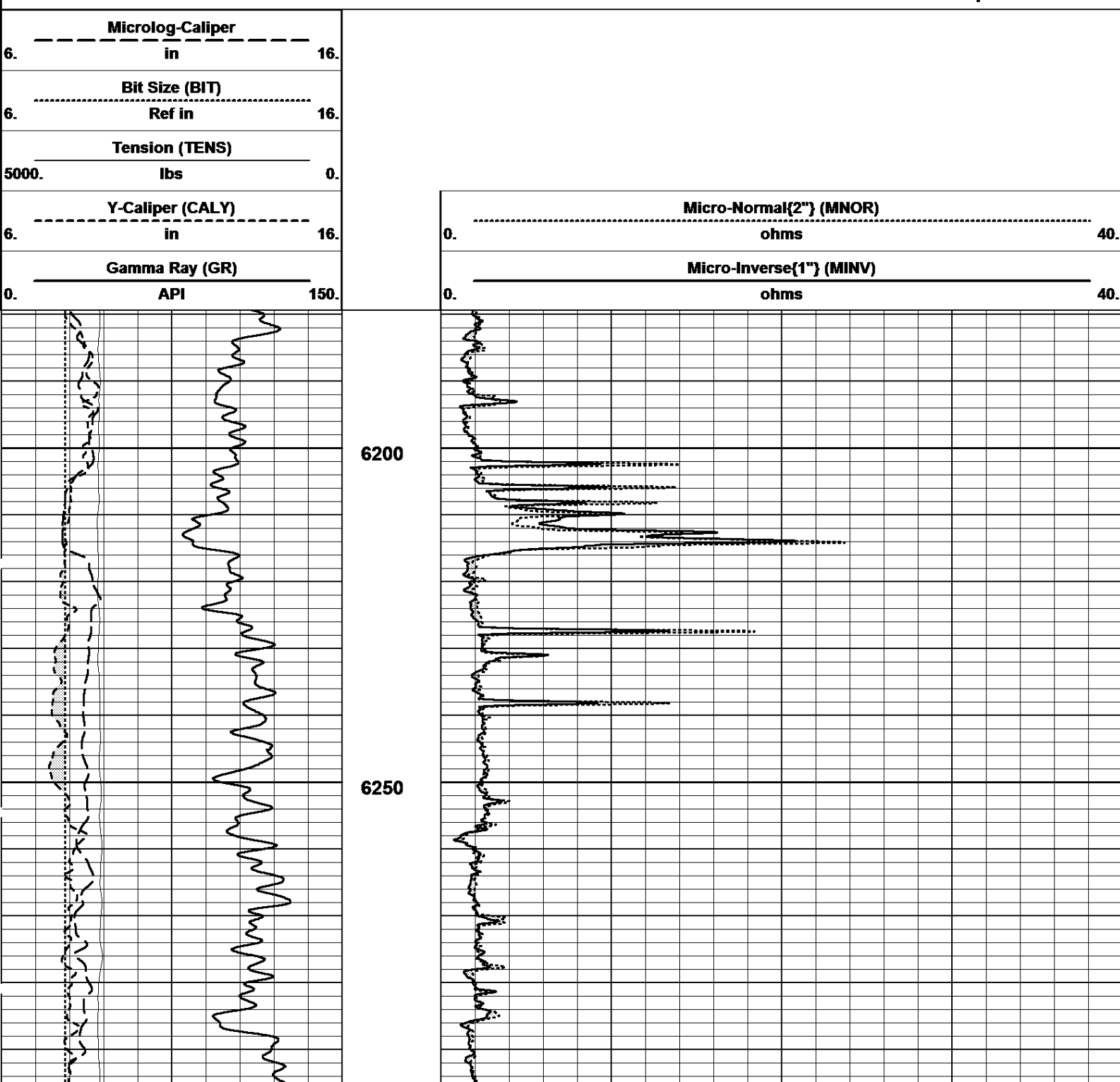
6750

TD



Tension (TENS)		
5000.	lbs	0.
Bit Size (BIT)		
6.	Ref in	16.
Microlog-Caliper		
6.	in	16.
02/14/2014		
11:18:00 ⇒ Start Time		Log UP - (VER 11.17)
MAIN PASS (5"/100ft)		Start Depth⇒ 6778.40 Feet

02/14/2014		
11:11:32 ⇒ End Time		Log UP - (VER 11.17)
REPEAT PASS (5"/100ft)		End Depth⇒ 6179.60 Feet



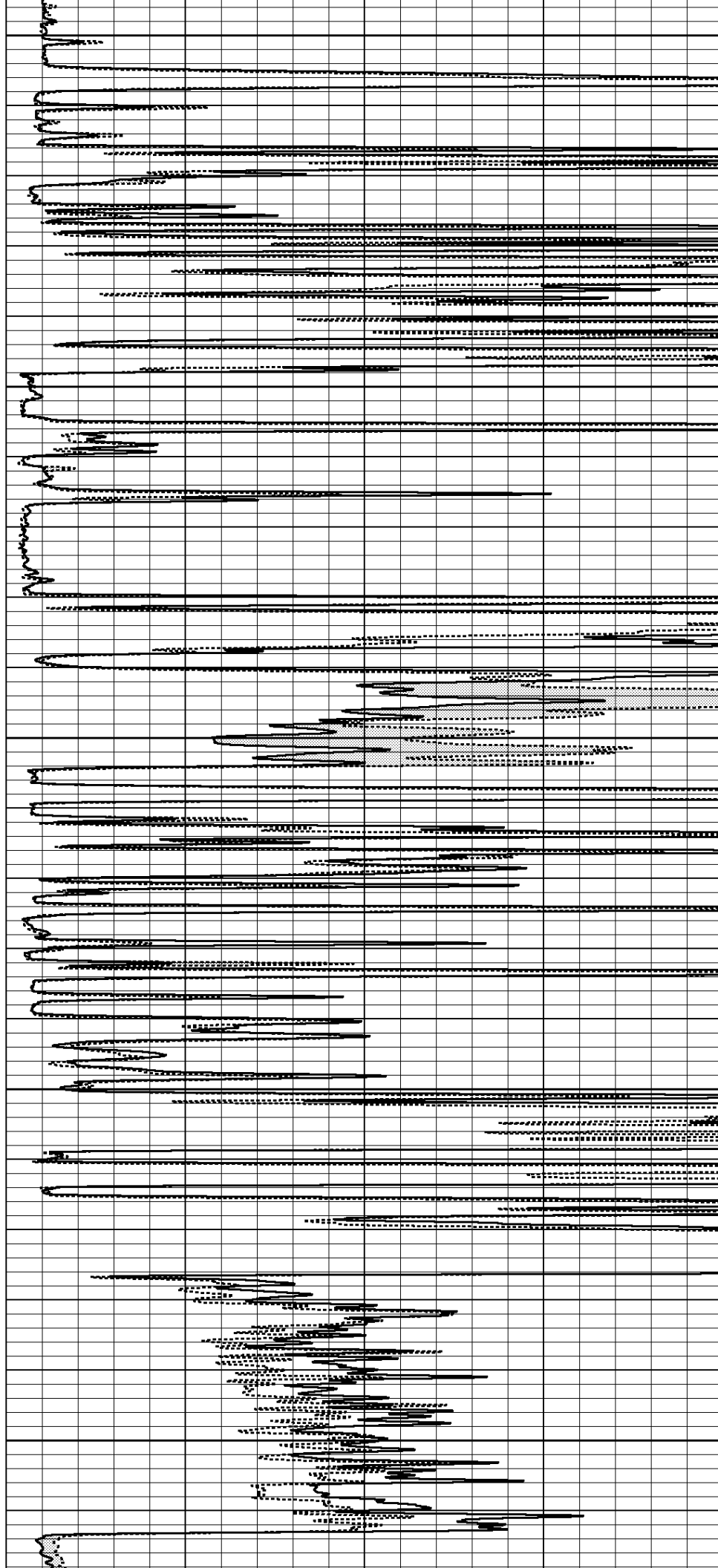
6300

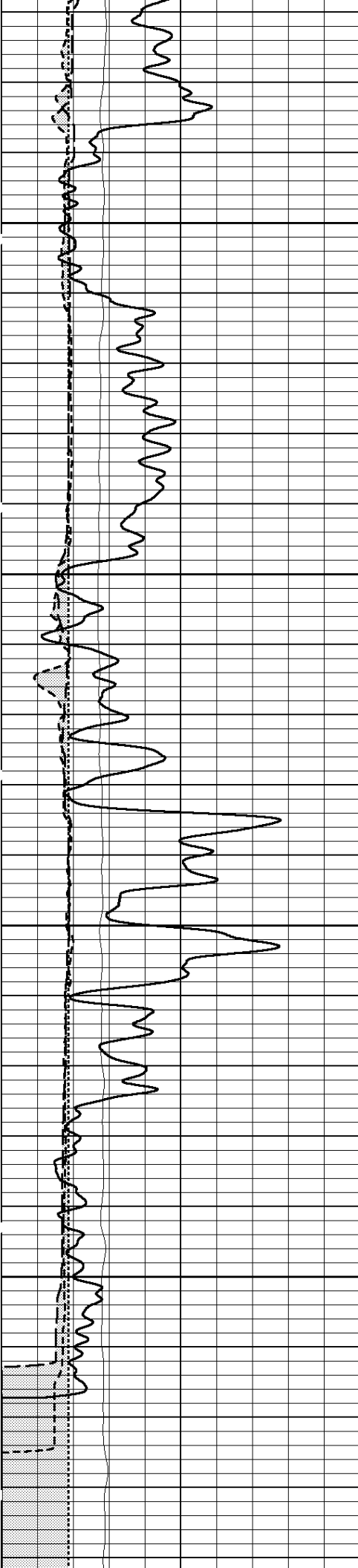
6350

6400

6450

6500



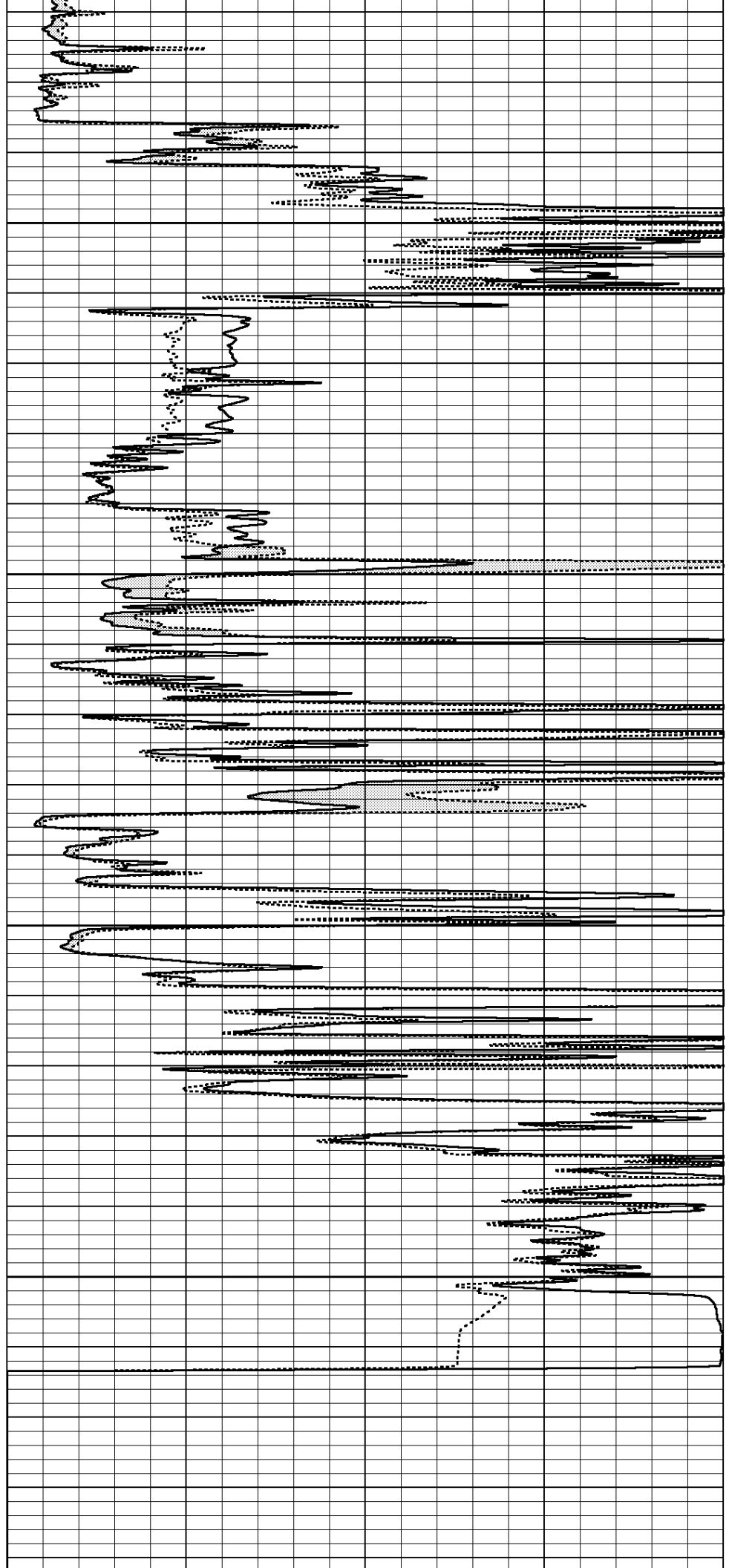


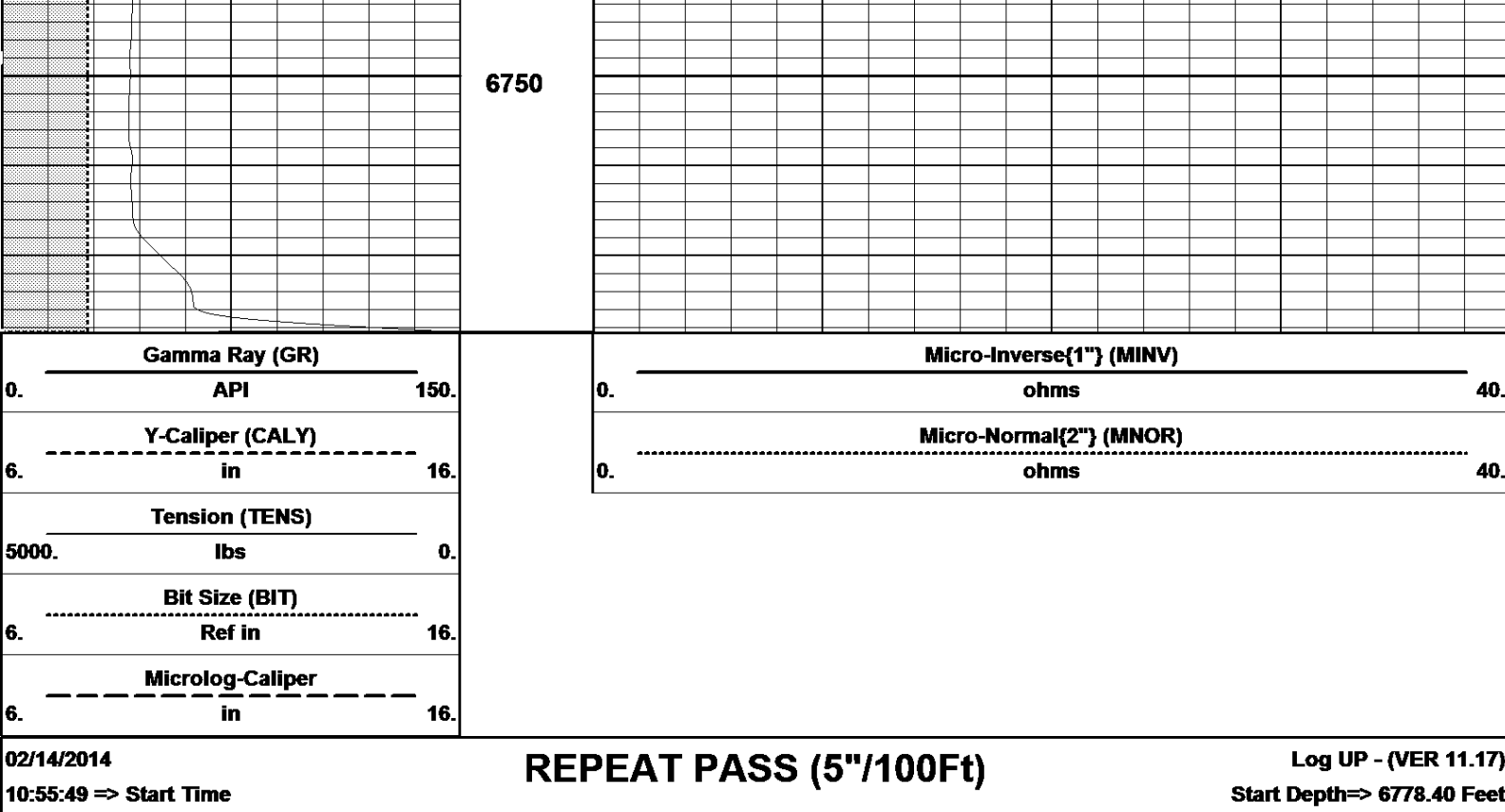
6550

6600

6650

6700





MICRO INVERSE CALIBRATIONS

SERIAL NUM

RM8002

MASTER CALIBRATIONS

	ZeroVal: 0.020 ohmm	CalVal: 10.000 ohmm	Gain/Offset	CALIBRATION DATE	CALIBRATION TIME
BASE CALS	20.349 - raw	235.360 - raw	0.046 - gain -0.925 - off	M/D/Y> 2/12/2014	H:M:S> 13:9:2

MICRO NORMAL CALIBRATIONS

SERIAL NUM

RM8002

MASTER CALIBRATIONS

	ZeroVal: 0.020 ohmm	CalVal: 10.000 ohmm	Gain/Offset	CALIBRATION DATE	CALIBRATION TIME
BASE CALS	23.480 - raw	367.380 - raw	0.029 - gain -0.661 - off	M/D/Y> 2/12/2014	H:M:S> 13:14:44

GAMMA RAY CALIBBRATIONS

SERIAL NUM

RG3007

BLANKET NUM

1A

MASTER CALIBRATIONS

	BackGrnd	CalVal: 135.000 API	Gain/Offset	CALIBRATION DATE	CALIBRATION TIME

BASE CALS	33.583 - raw	217.987 - raw	0.732 - gain 0.000 - off	M/D/Y> 2/12/2014	H:M:S> 16:16:1
WELL SITE CALIBRATIONS					
	BackGrnd	CalVal: 100.000 Mknuts	Gain/Offset	CALIBRATION DATE	CALIBRATION TIME
PRE CAL	-0.059 - raw	26.967 - raw	3.700 - gain	M/D/Y> 11/12/2004	H:M:S> 12:40:27

Y CALIPER CALIBRATIONS

SERIAL NUM

RN2002

MASTER CALIBRATIONS					
	ZeroVal: 6.000 mm	CalVal: 10.000 mm	Gain/Offset	CALIBRATION DATE	CALIBRATION TIME
BASE CALS	1237.107 - raw	1865.787 - raw	0.006 - gain -1.871 - off	M/D/Y> 2/12/2014	H:M:S> 16:4:47

MICRO CALIPER CALIBRATIONS

SERIAL NUM

RM8002

MASTER CALIBRATIONS					
	ZeroVal: 6.000 In	CalVal: 10.000 In	Gain/Offset	CALIBRATION DATE	CALIBRATION TIME
BASE CALS	1960.417 - raw	4032.497 - raw	0.002 - gain 2.216 - off	M/D/Y> 2/12/2014	H:M:S> 13:21:10

Company	MIDWESTERN EXPLORATION COMPANY
Well	GARMAN #2-18
Field	GOOCH
County	STEVENS
State	KANSAS



MICROLOG
GAMMA RAY
X-Y CALIPER



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