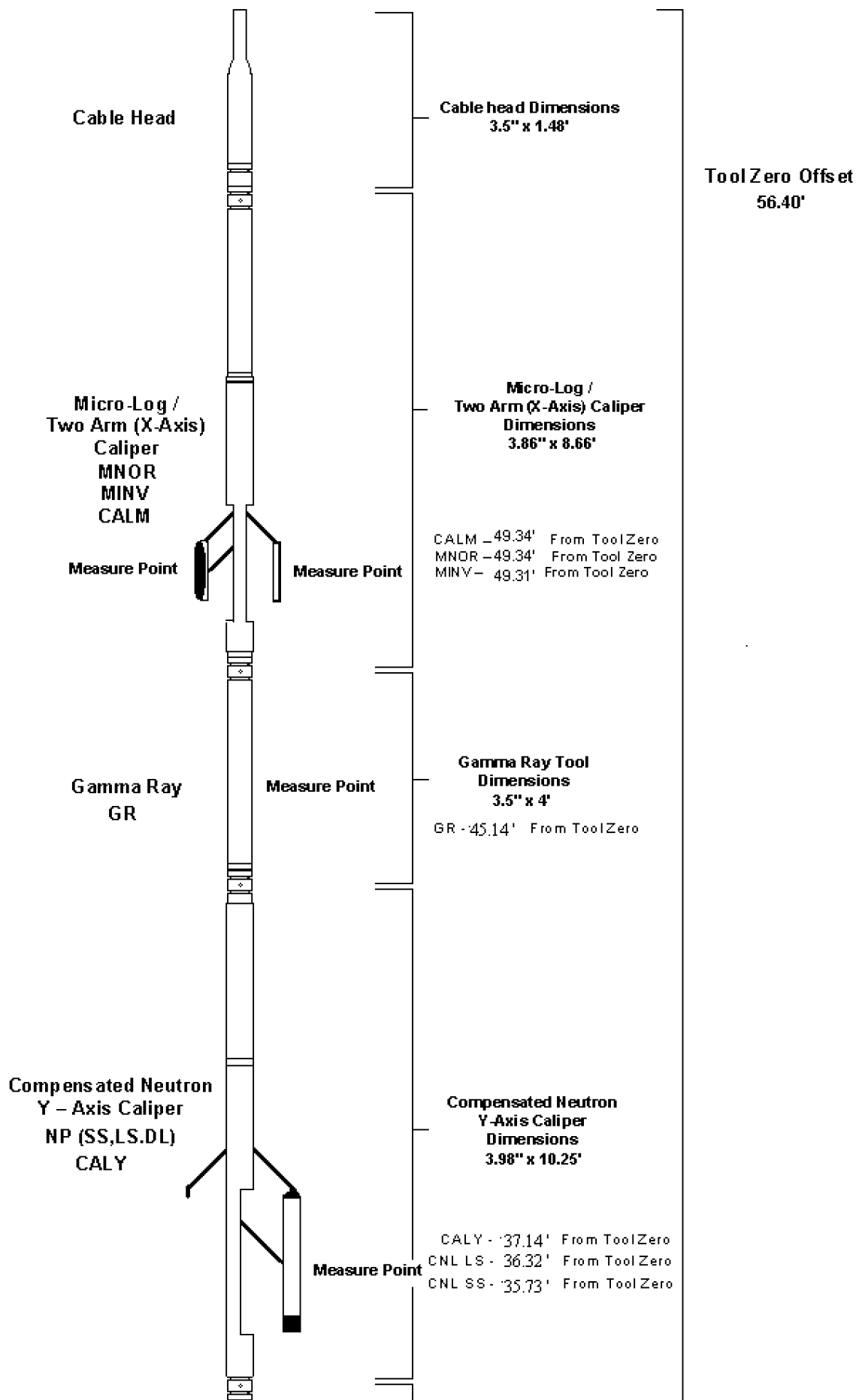


**DUAL INDUCTION – SP / GAMMA RAY /
COMPENSATED LITHO-DENSITY / X-CALIPER
COMPENSATED NEUTRON / Y-CALIPER
MICRO - LOG / M-CALIPER**



Digital Telemetry

**Digital Telemetry Section
Dimensions**
3.5" x 3.15'

**Tool String
Length Total**
57.89'

**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 - 23.20' From ToolZero
LDT w1 -
LDT w2 -
LDT w3 - 22.93' From ToolZero
LDT w4 -
LDT SS - 22.44' From ToolZero

Dual Induction

SP
ILD
ILM
LL3

**Dual Induction Tool
Dimensions**
3.62" x 21'

**S.P. / CILD
Measure Point**

SP - 10.96' From ToolZero
ILD - 10.96' From ToolZero

**CILM Measure
Point**

ILM - 7.22' From ToolZero

**Tool First Reading
Point**

**Laterolog 3
Measure Point**

LL3 - 1.67' From ToolZero

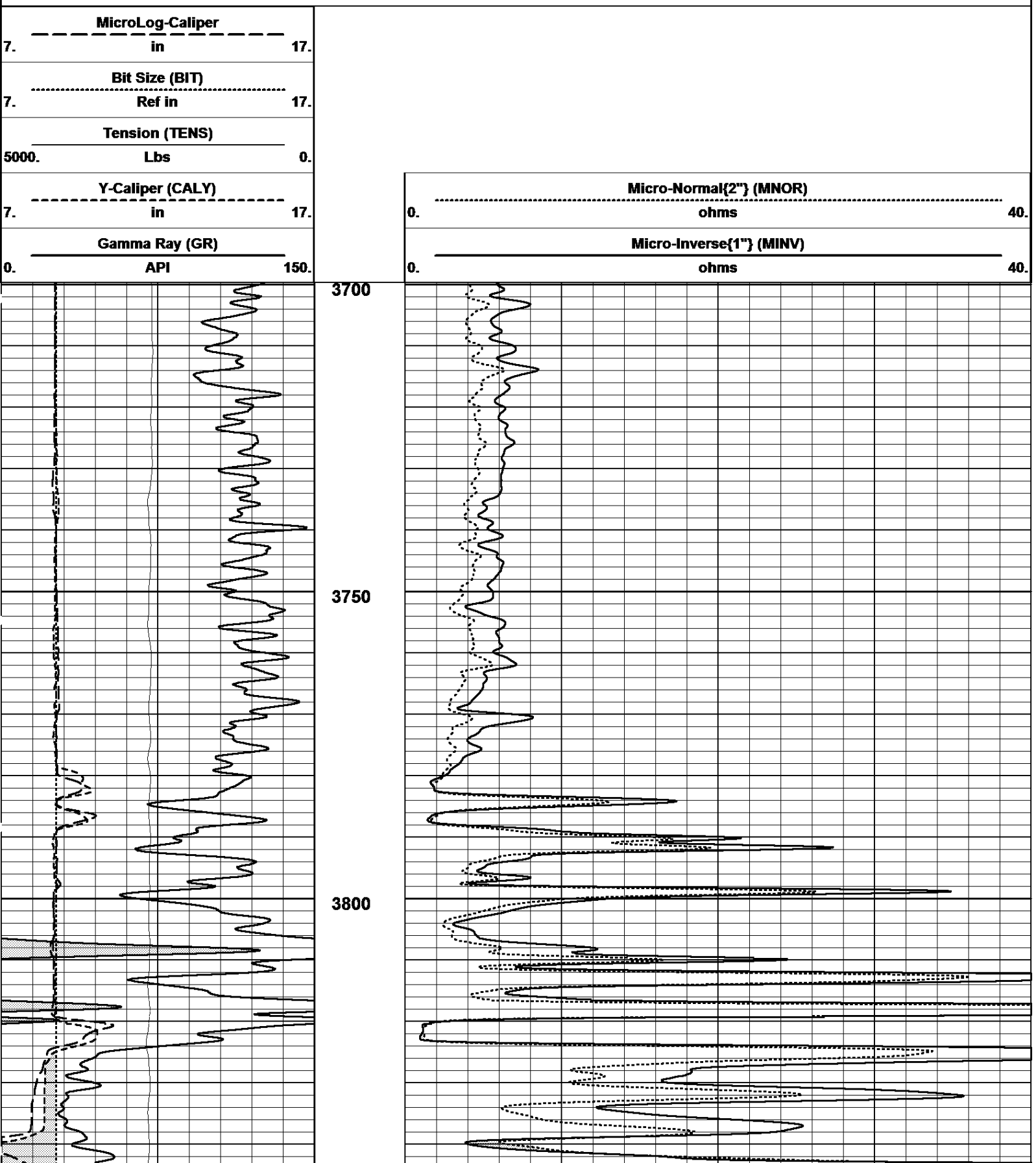
**Tool Zero Point
(Tool Bottom)**

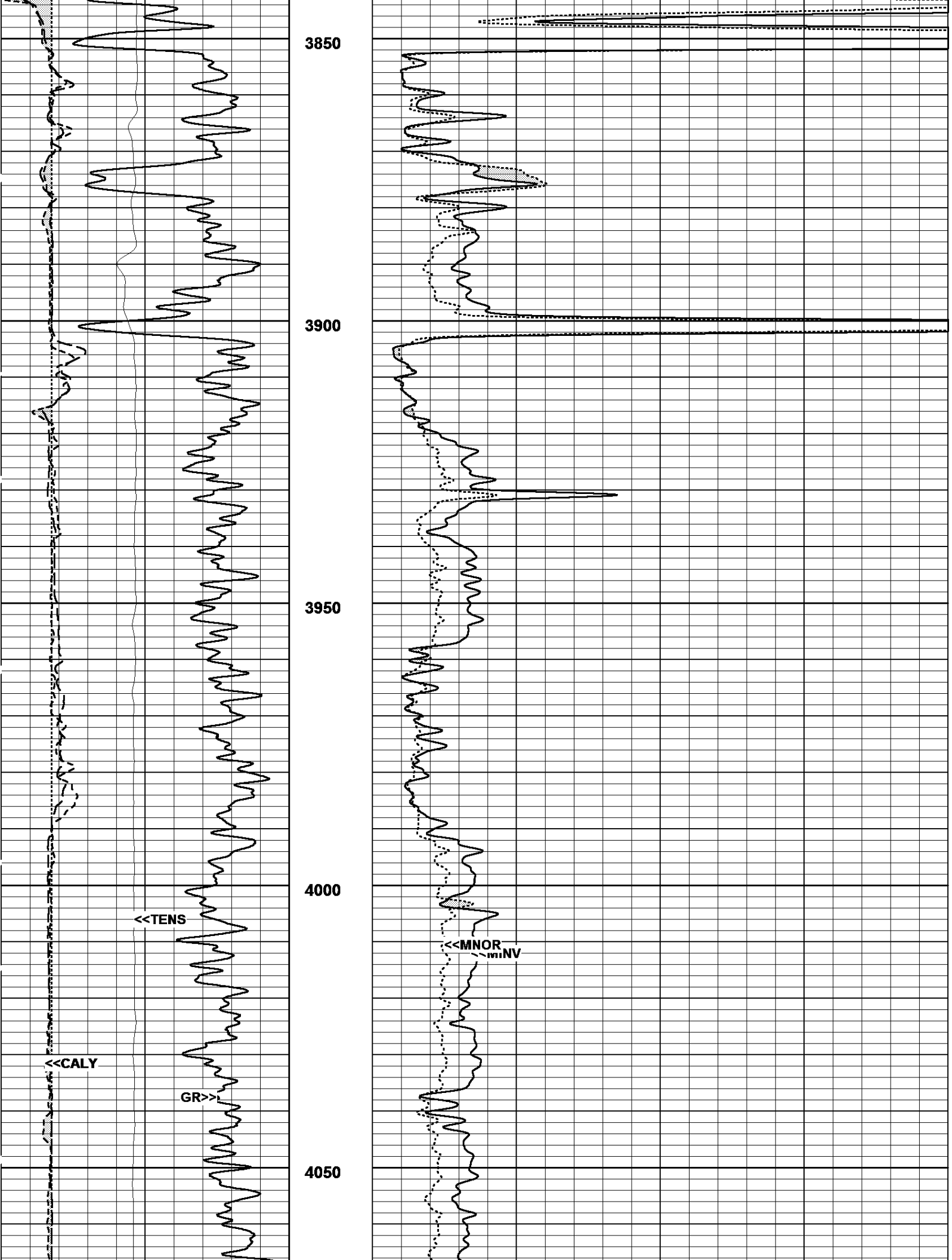
**All Measurements are
taken from Tool Zero**

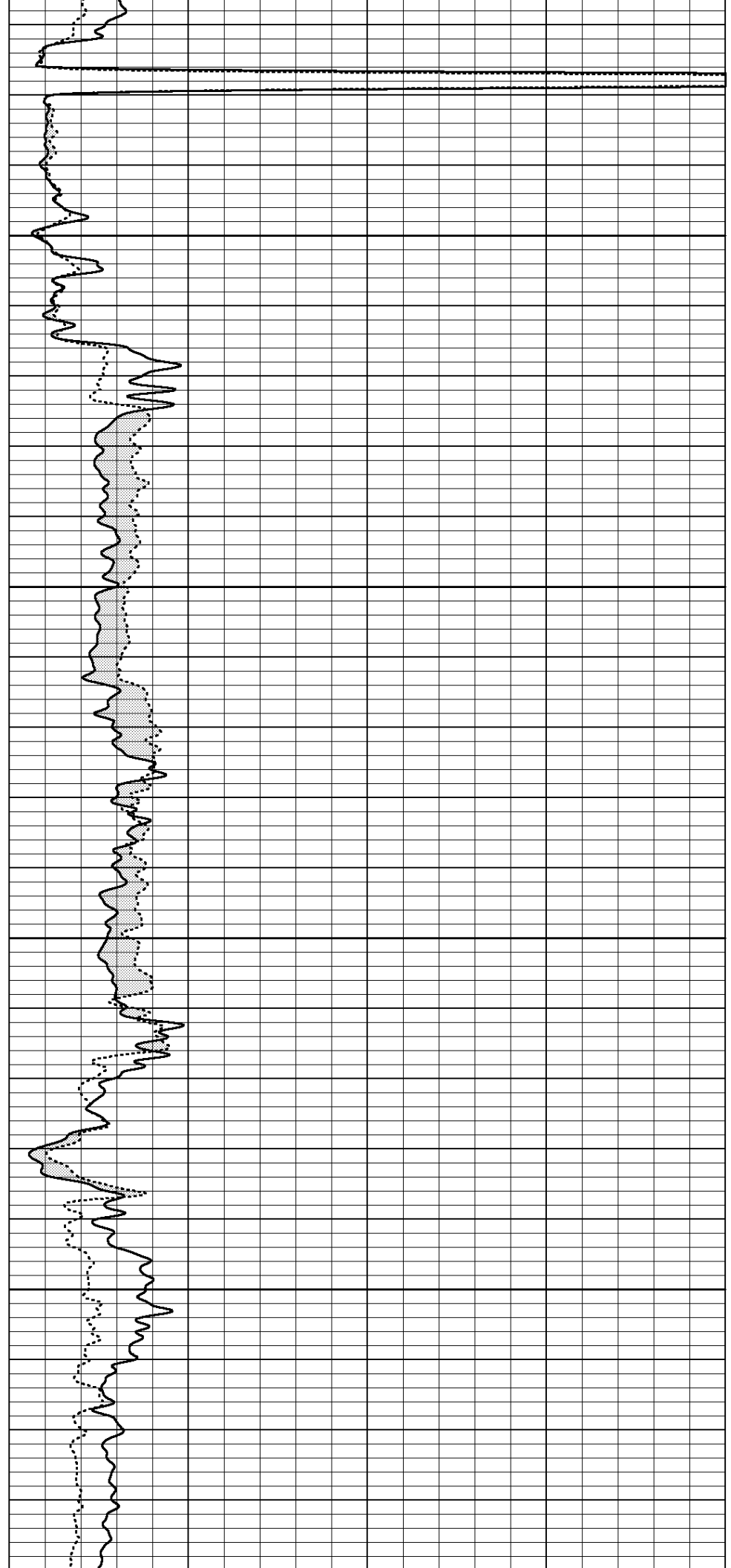
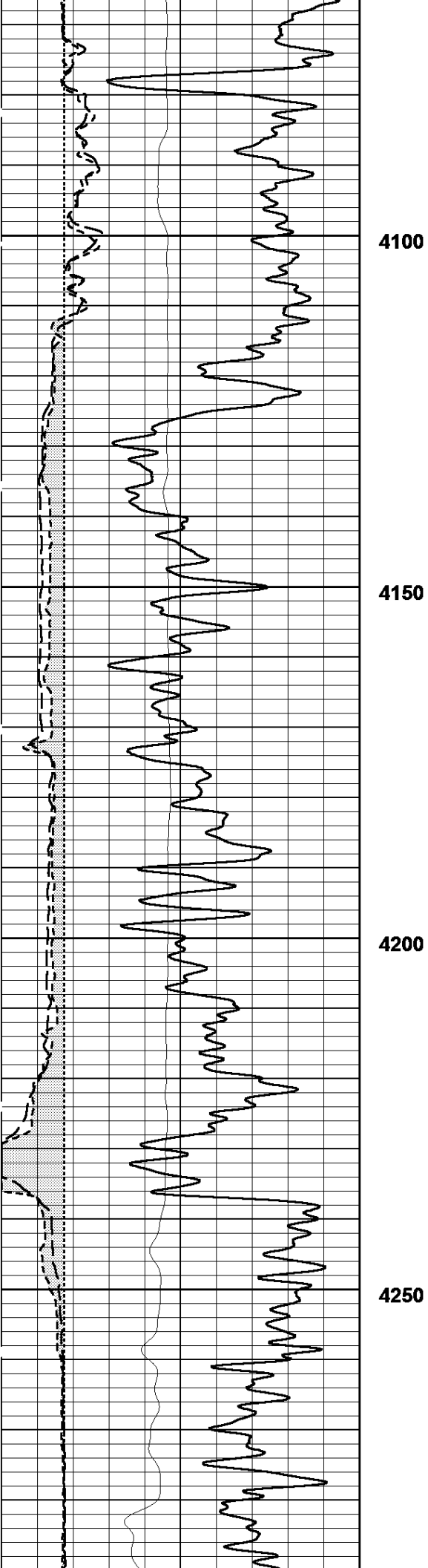
08/16/2014
18:51:26 => End Time

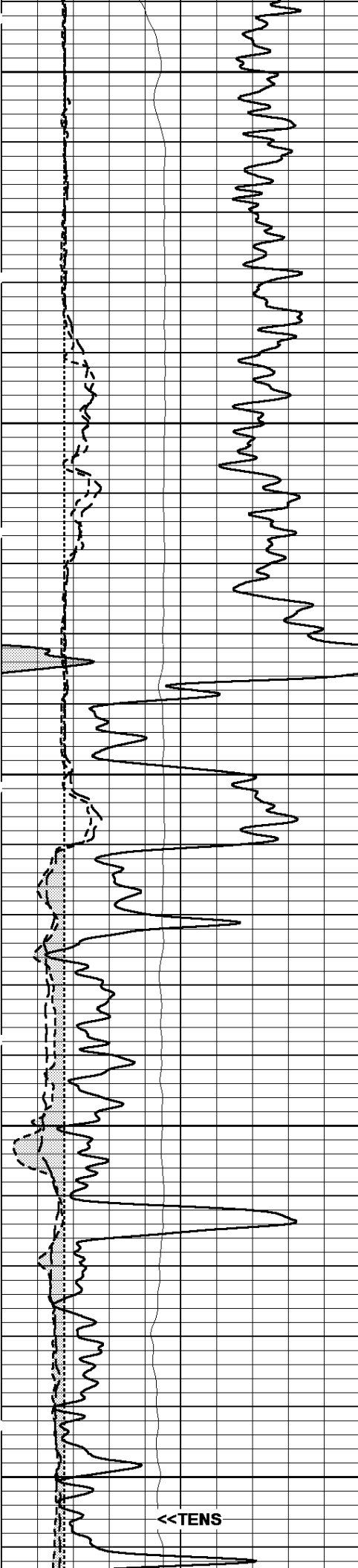
MAIN PASS (5"/100Ft)

Log UP - (VER 11.19)
End Depth=> 3699.90 Feet









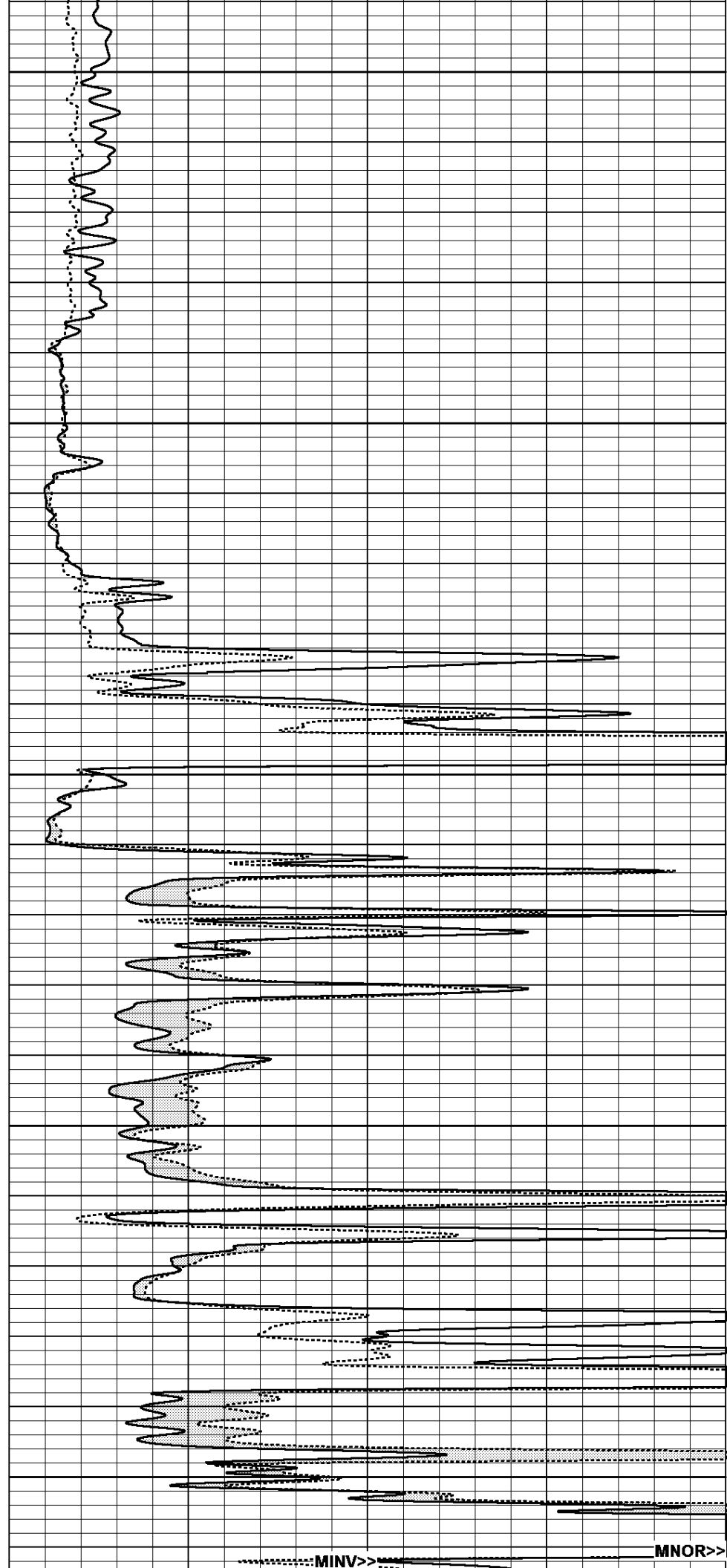
4300

4350

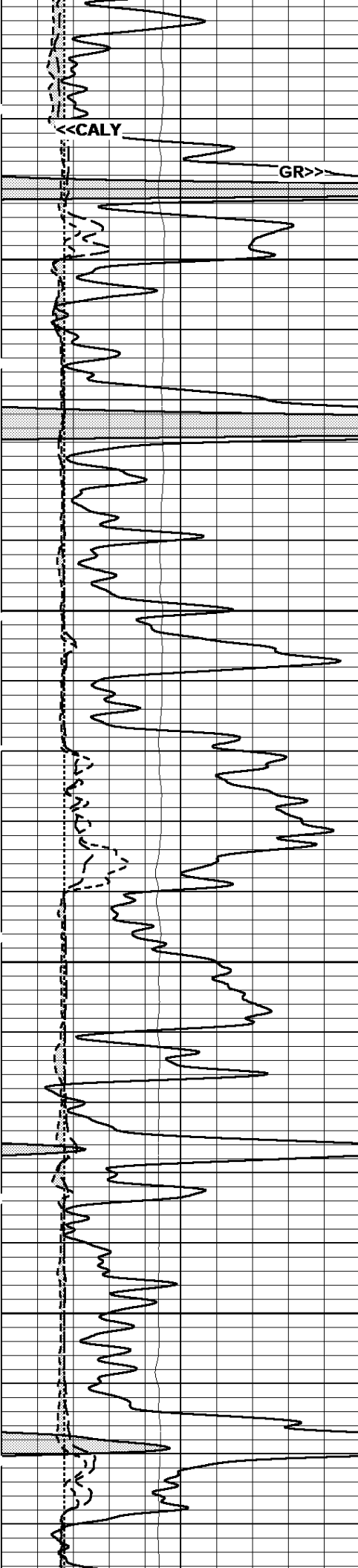
4400

4450

4500



MNOR>>

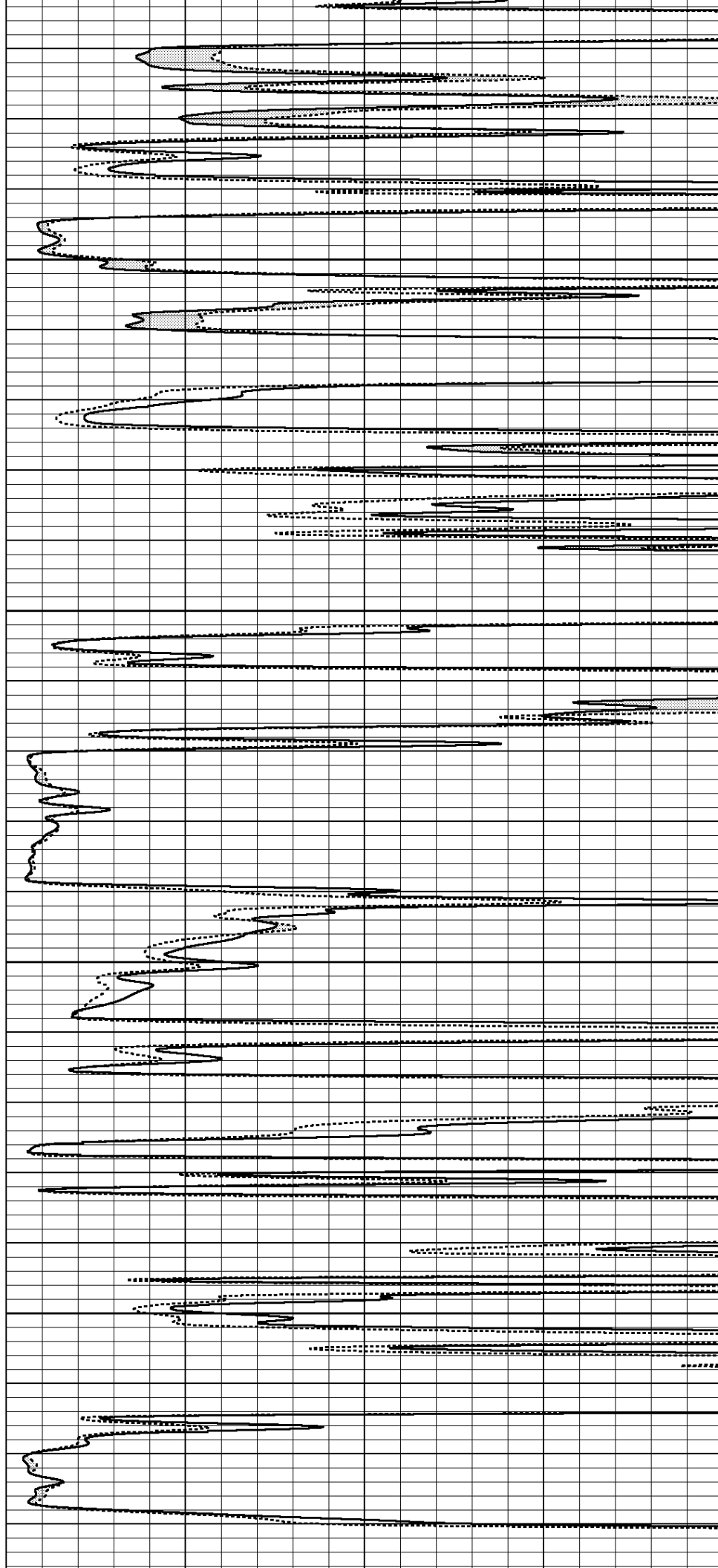


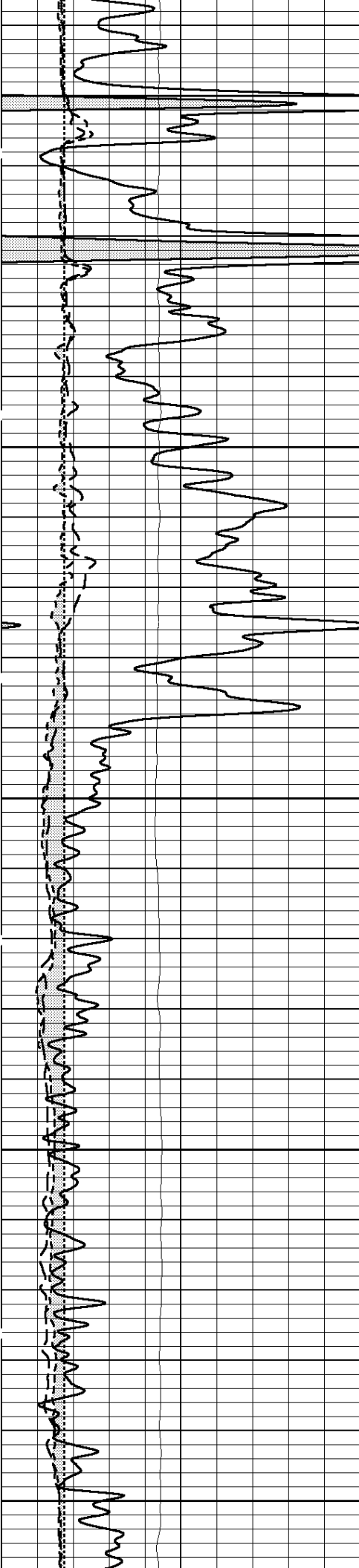
4550

4600

4650

4700





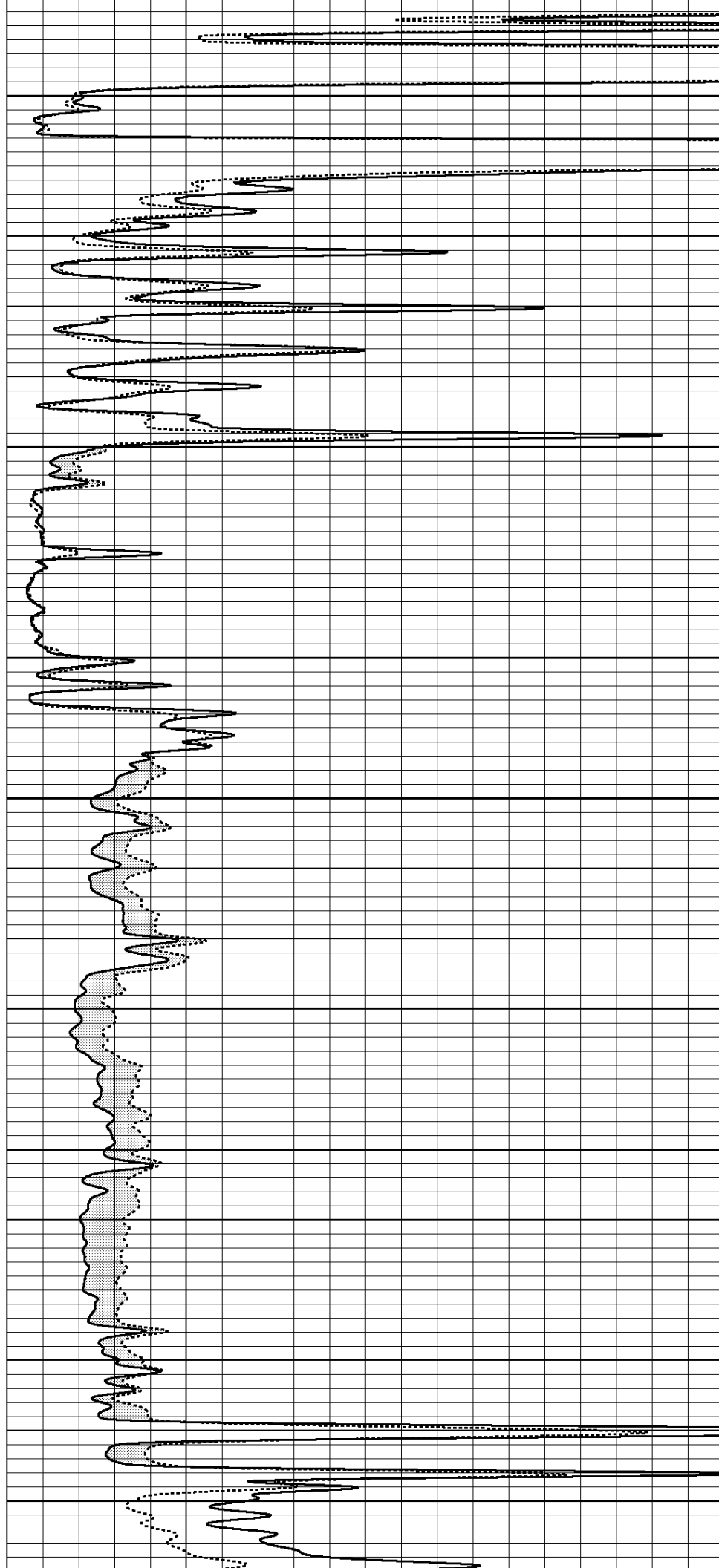
4750

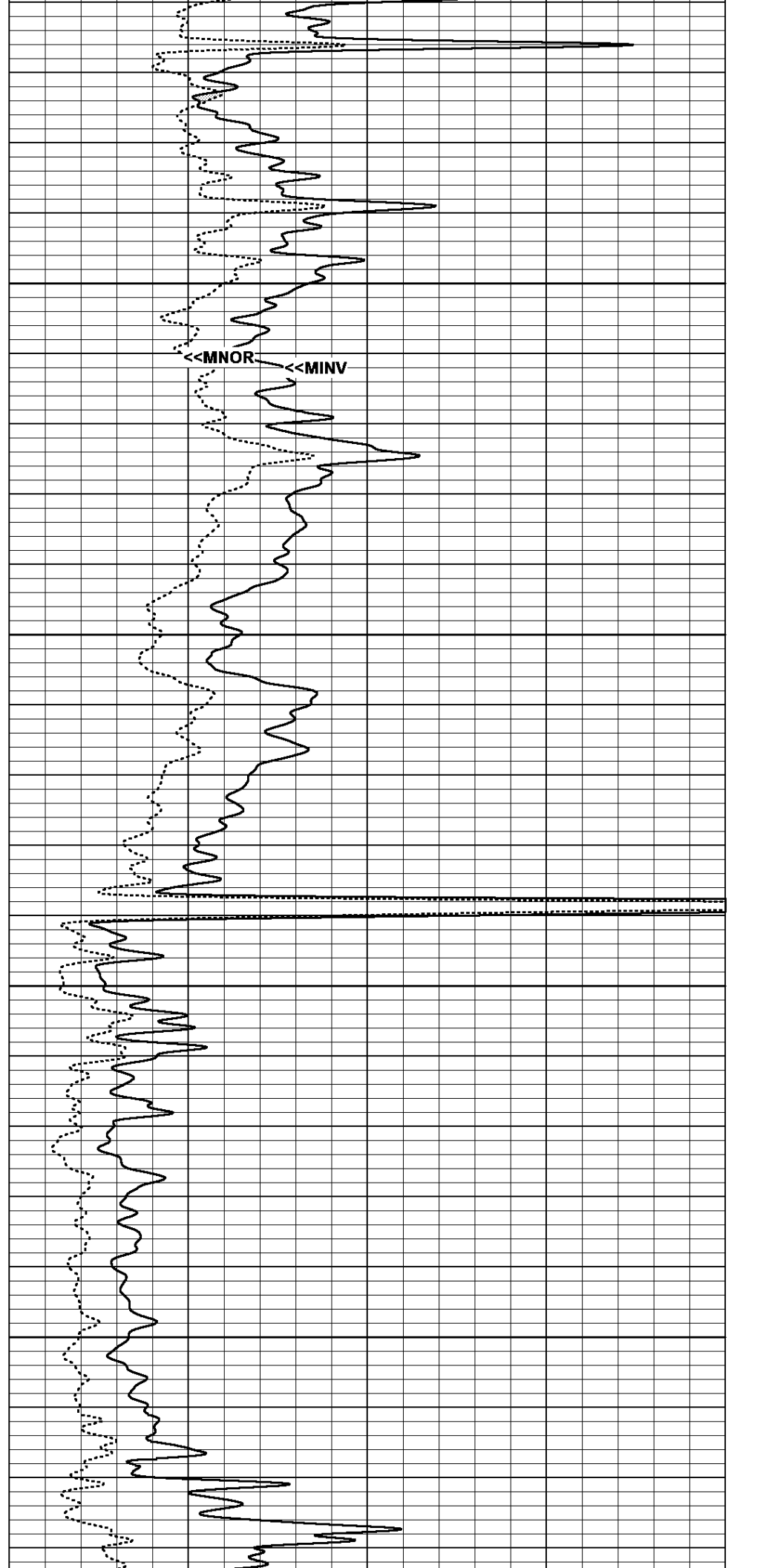
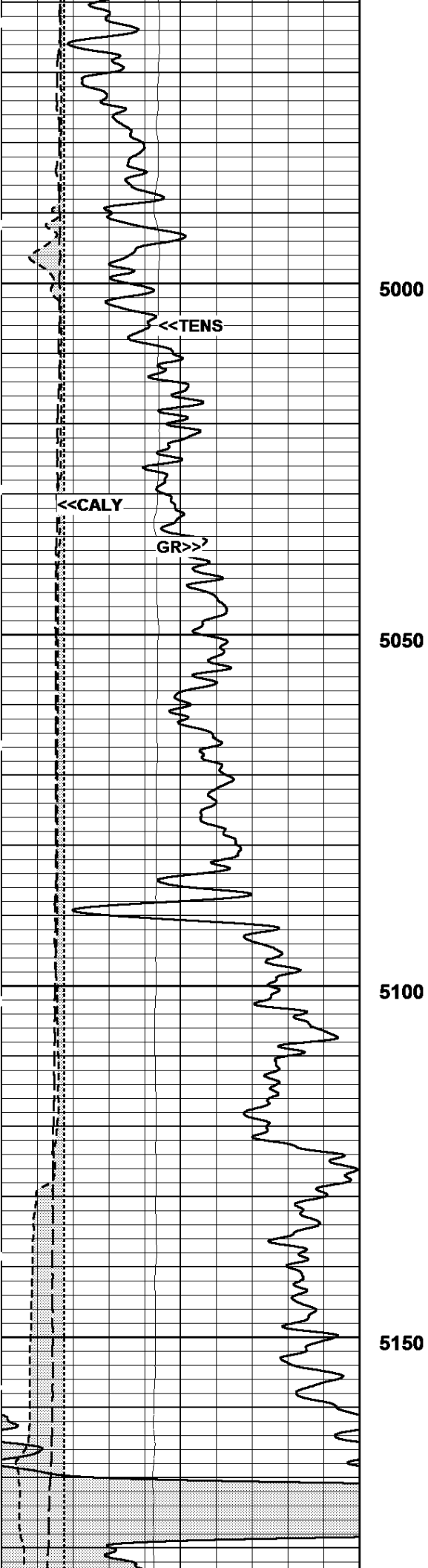
4800

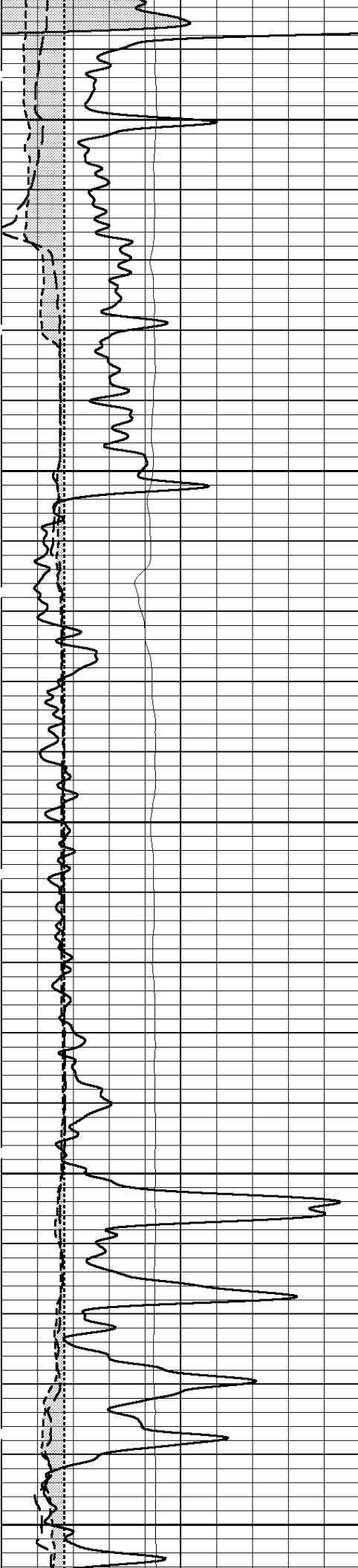
4850

4900

4950







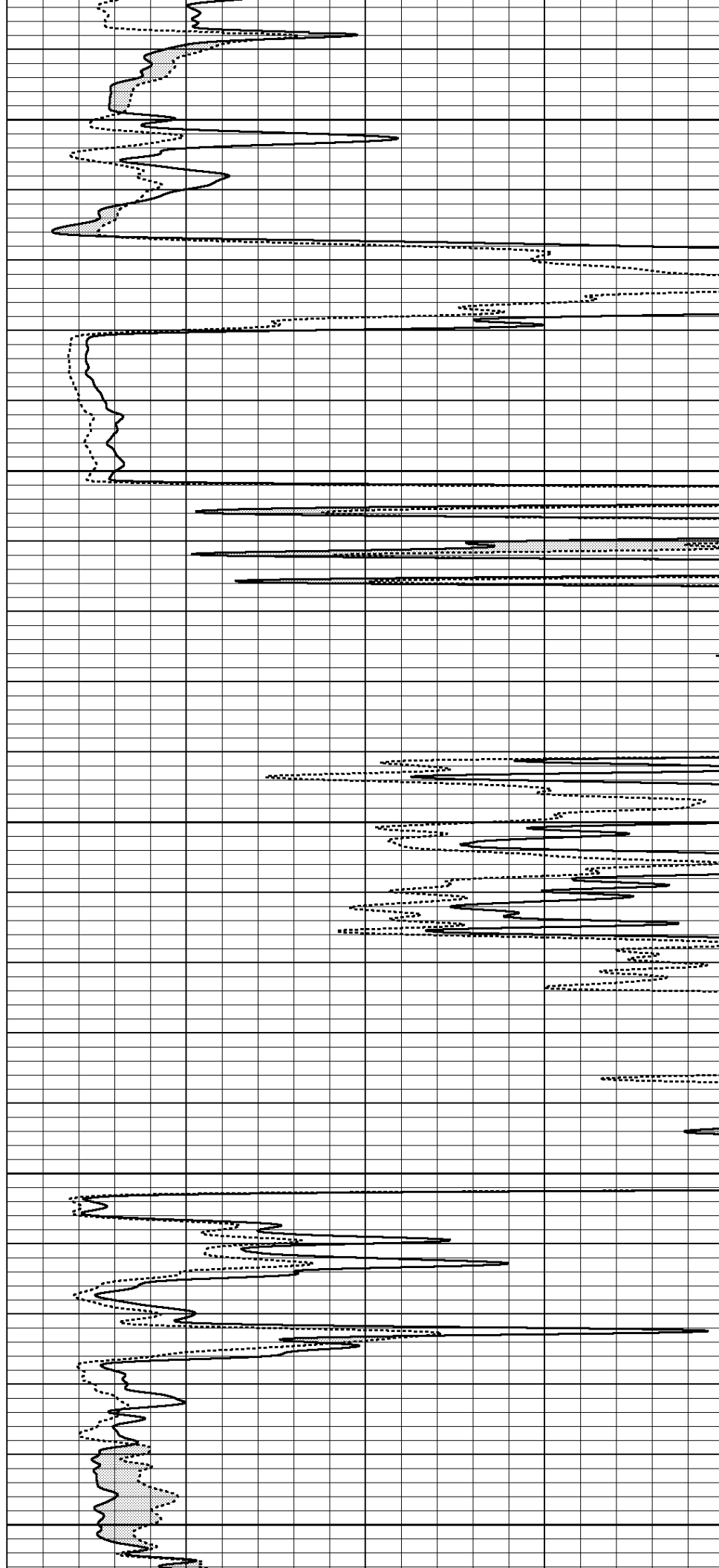
5200

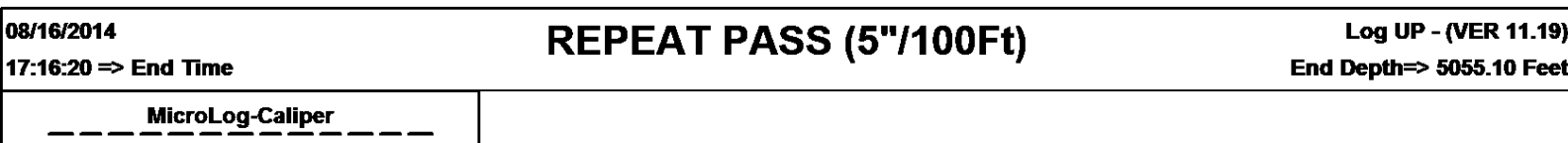
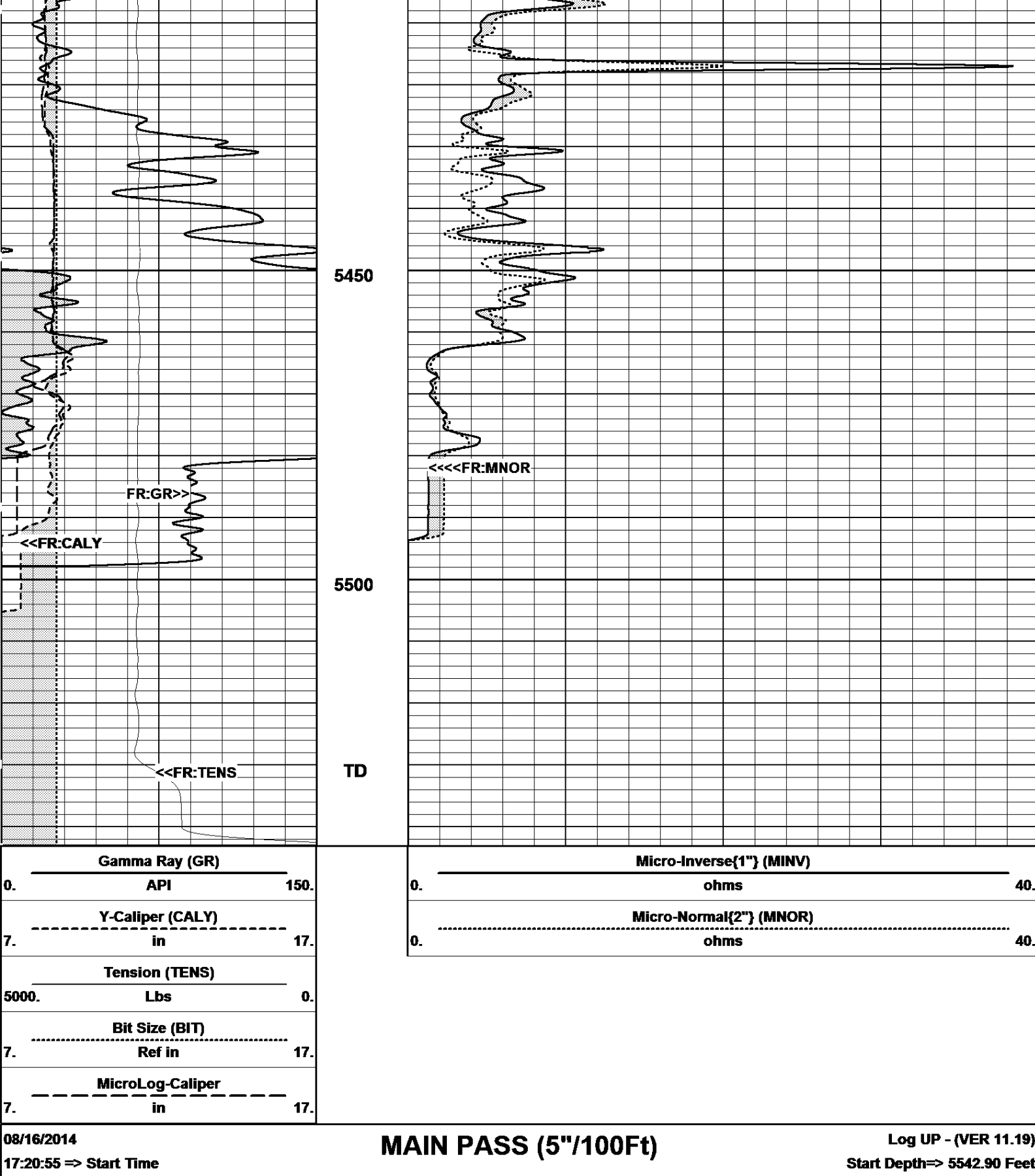
5250

5300

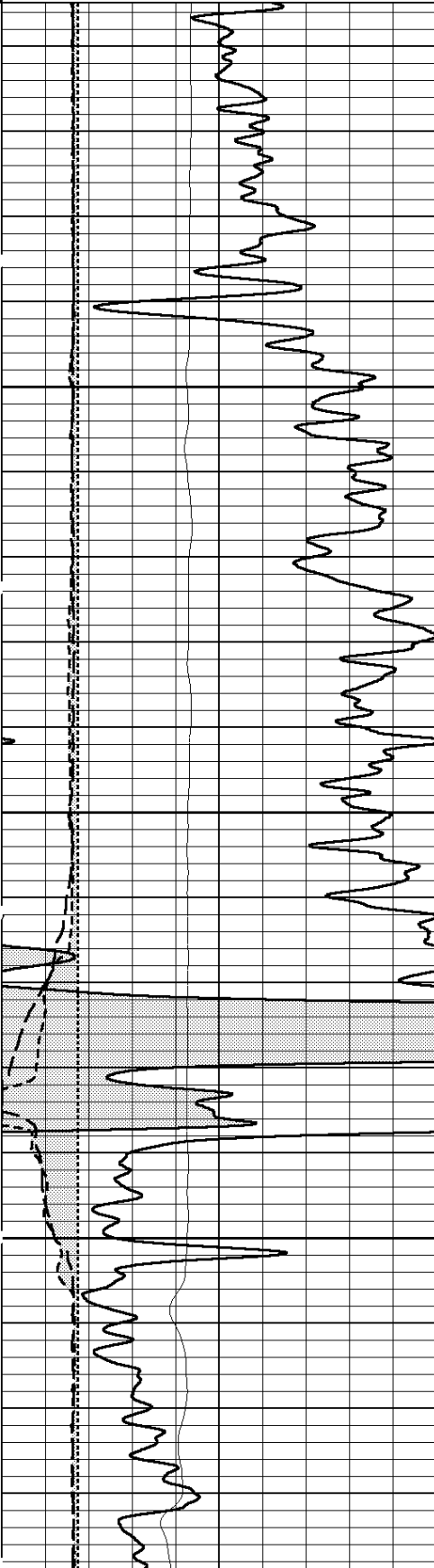
5350

5400

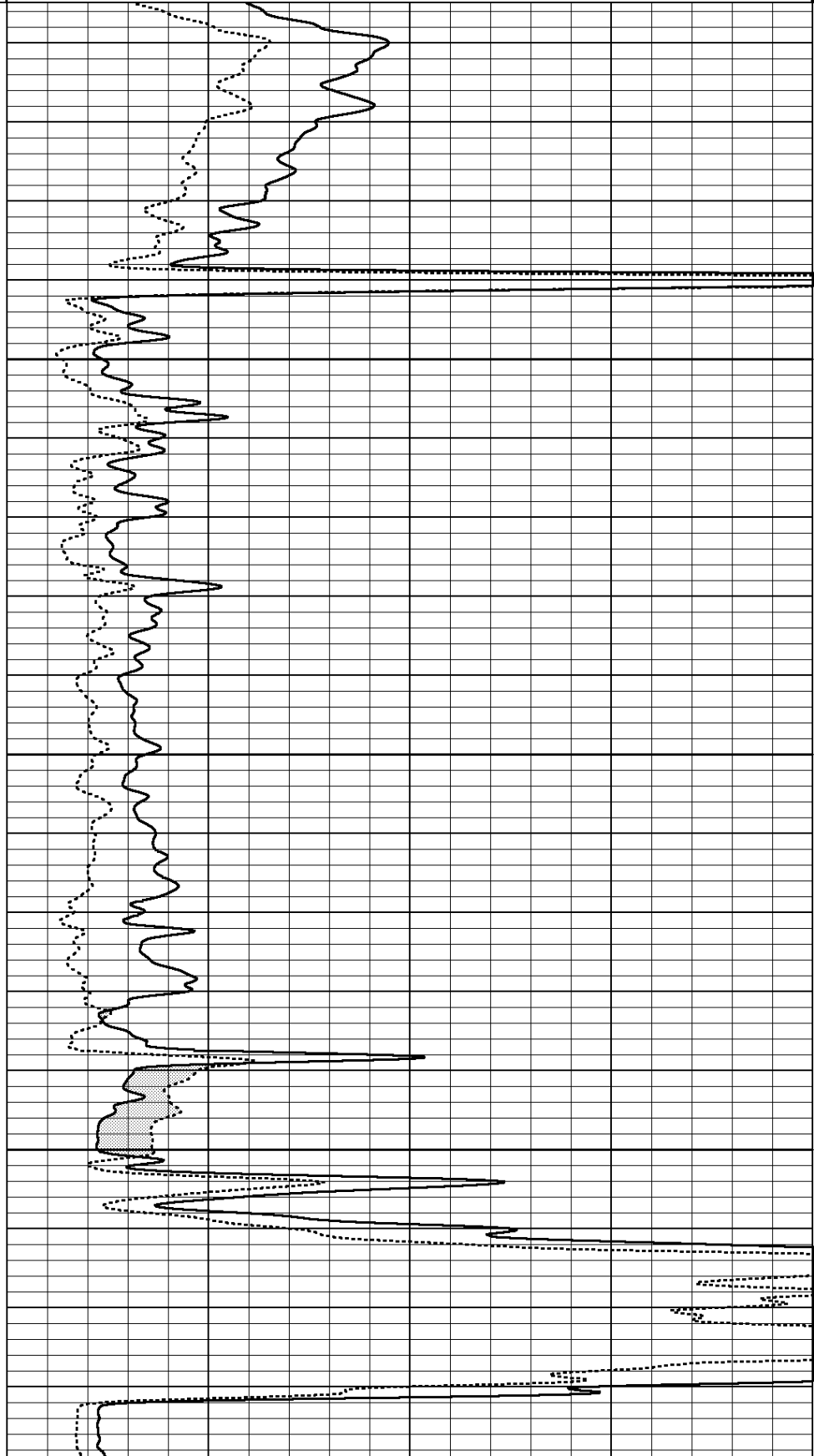


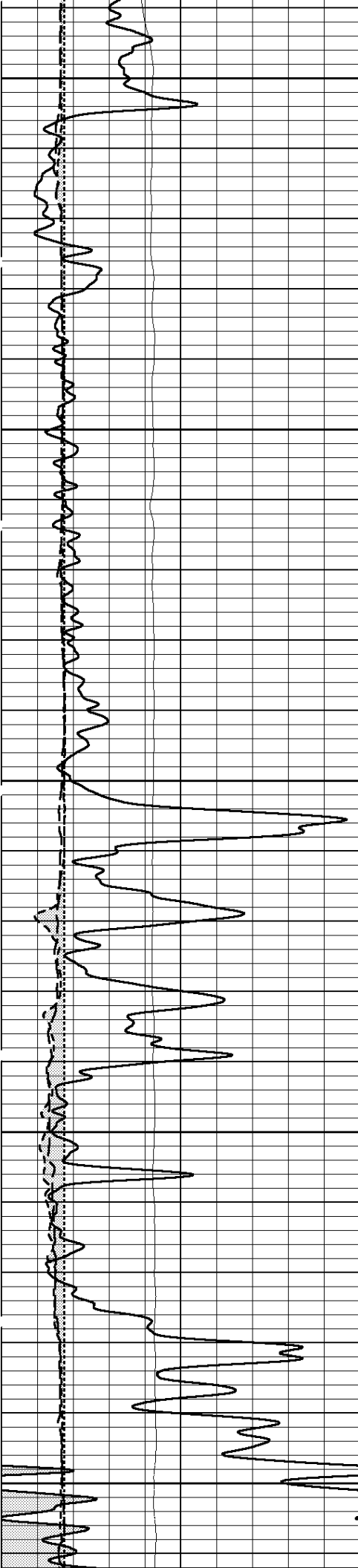


17.	in	17.
Bit Size (BIT)		
7.	Ref in	17.
Tension (TENS)		
5000.	Lbs	0.
Y-Caliper (CALY)		
7.	in	17.
Gamma Ray (GR)		
0.	API	150.



40.	Micro-Normal{2"} (MNOR)	40.
0.	ohms	40.
Micro-Inverse{1"} (MINV)		
0.	ohms	40.





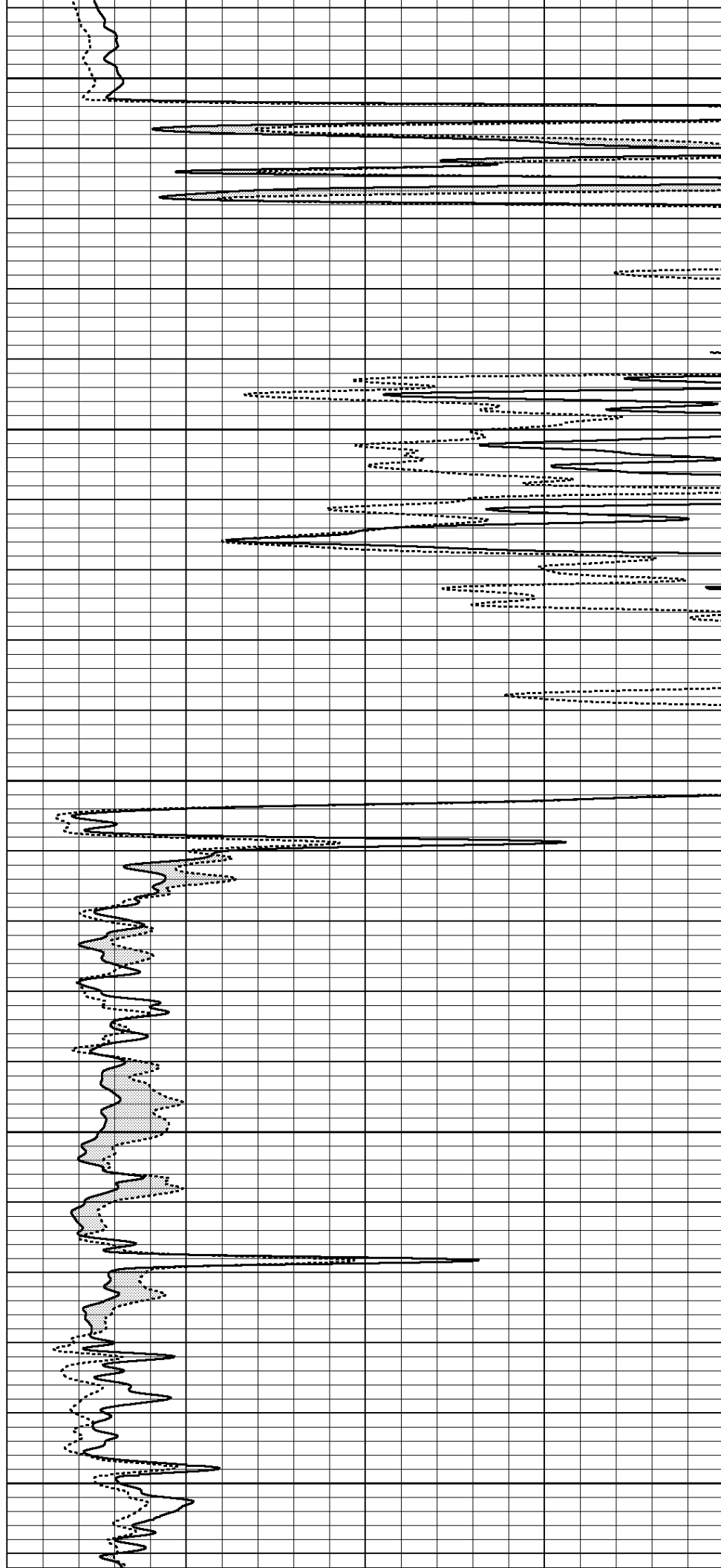
5250

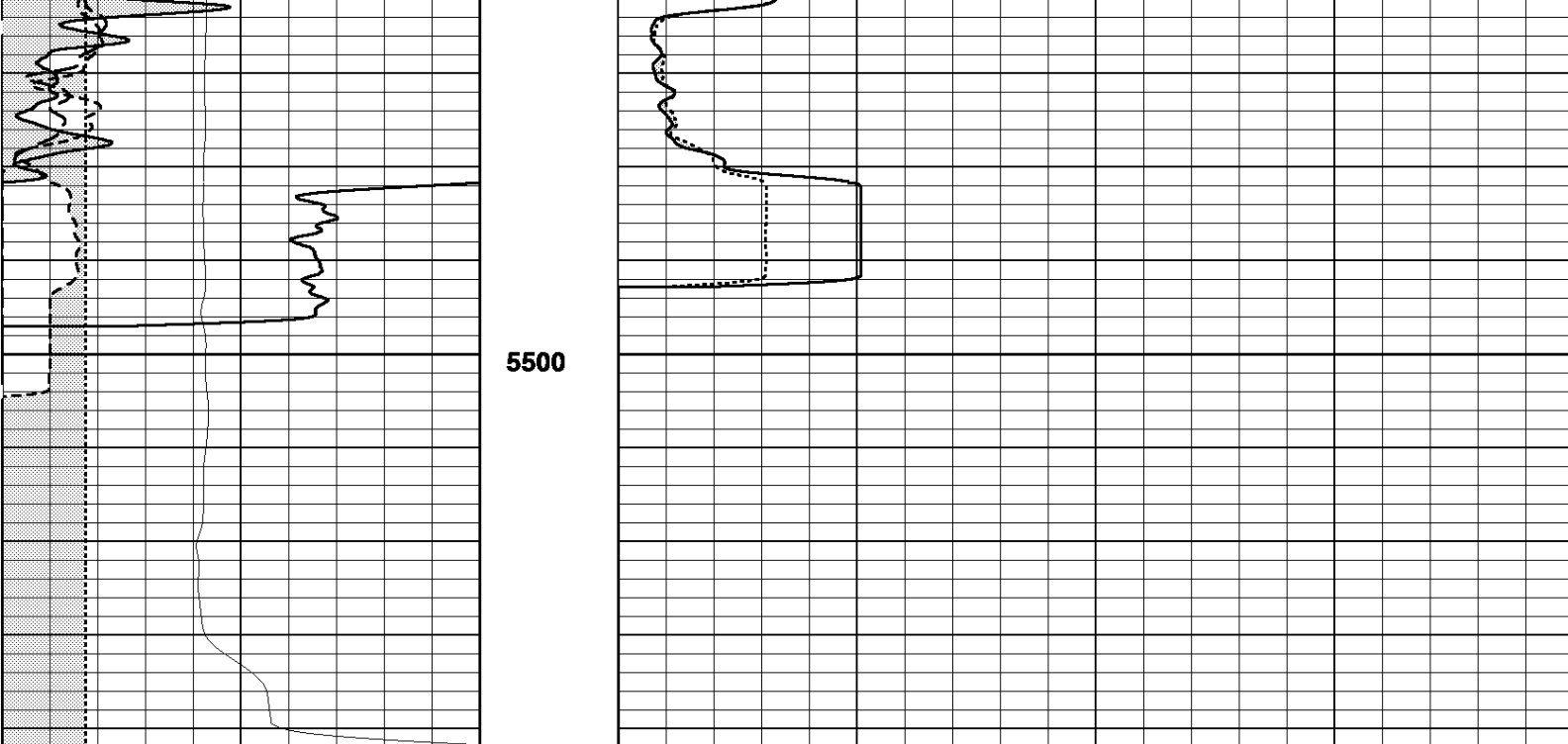
5300

5350

5400

5450





Gamma Ray (GR)		Micro-Inverse{1"} (MINV)	
0.	API	150.	40.
Y-Caliper (CALY)		ohms	
7.	in	17.	40.
Tension (TENS)		Micro-Normal{2"} (MNOR)	
5000.	Lbs	0.	40.
Bit Size (BIT)		ohms	
7.	Ref in	17.	40.
MicroLog-Caliper			
7.	in	17.	

08/16/2014 REPEAT PASS (5"/100ft) Log UP - (VER 11.19)
 17:03:31 ⇒ Start Time Start Depth⇒ 5542.10 Feet

MICRO INVERSE CALIBRATIONS

SERIAL NUM

RM8005

MASTER CALIBRATIONS

	ZeroVal: 0.020 ohmm	CalVal: 10.000 ohmm	Gain/Offset	CALIBRATION DATE	CALIBRATION TIME
BASE CALS	16.240 - raw	288.748 - raw	0.037 - gain -0.575 - off	M/D/Y> 7/17/2014	H:M:S> 16:53:30

MICRO NORMAL CALIBRATIONS

SERIAL NUM

RM8005

MASTER CALIBRATIONS

	ZeroVal: 0.020 ohmm	CalVal: 10.000 ohmm	Gain/Offset	CALIBRATION DATE	CALIBRATION TIME

BASE CALS	33.779 - raw	370.390 - raw	0.030 - gain -0.982 - off	M/D/Y> 7/17/2014	H:M:S> 17:4:14
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GAMMA RAY CALIBRATION

SERIAL NUM
BLANKET NUM

RG3011
1A

MASTER CALIBRATIONS

	BackGrnd	CalVal: 159.000 API	Gain/Offset	CALIBRATION DATE	CALIBRATION TIME
BASE CALS	62.520 - raw	342.001 - raw	0.569 - gain 0.000 - off	M/D/Y> 8/5/2014	H:M:S> 9:6:0

WELL SITE CALIBRATIONS

	BackGrnd	CalVal: 100.000 Mknu	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

RN2016

MASTER CALIBRATIONS

	ZeroVal: 6.000 IN	CalVal: 10.000 IN	Gain/Offset	CALIBRATION DATE	CALIBRATION TIME
BASE CALS	701.687 - raw	1398.393 - raw	0.006 - gain 1.971 - off	M/D/Y> 7/17/2014	H:M:S> 19:54:39

MICRO CALIPER CALIBRATIONS

SERIAL NUM

RM8005

MASTER CALIBRATIONS

	ZeroVal: 6.000 in	CalVal: 10.000 in	Gain/Offset	CALIBRATION DATE	CALIBRATION TIME
BASE CALS	2187.499 - raw	4211.979 - raw	0.002 - gain 1.678 - off	M/D/Y> 7/17/2014	H:M:S> 17:13:24

Company

CMX, INC.

Well

BARTENDER SWD #1-18

Field

STRANATHAN

County

BARBER

State

KANSAS

RECON

MICROLOG
GAMMA RAY
X-Y CALIPER



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