

Company **CMX, INCORPORATED**
Well **HOMOLKA #1-35**
Field **KRAFT-PRUSA**
County **BARTON**
State **KANSAS**

RECON

MICROLOG

SEC	TWP	RGE	OTHER SERVICES:	
35	16S	11W	LDT	CNL
Location: 530' FNL & 2310' FEL		S21N/WN/WNE		
SURF. SAME		API#:	015-009-26089-00-00	
Permanent Datum		Ground Level	Elev	1919
Log Measured From		Kelly Bushing		
Drilling Measured From		Kelly Bushing		
ELEVATIONS K.B. 1932 G.L. 1919 D.F. 1930				
Date	23-MAR-2015			
Run No.	ONE			
TD Driller	3372	ft.	ft.	
TD RECON	3371	ft.	ft.	
Bot Logged Interval	3370	ft.	ft.	
Top Logged Interval	460	ft.	ft.	
Casing Depth Driller	8 5/8	in.	@	476
Casing Depth RECON	8 5/8	in.	@	478
Bit Size	7 7/8	in.	in.	
Drilling Fluid Type	WBM			
Density	9.0	Viscosity	54	
Fluid Loss	9.0	PH	11.0	
Source Of Sample	Flowline			
RM @ Measured Temp	1.26	Ohmm	@	75
RMF @ Measured Temp	0.94	Ohmm	@	75
RMC @ Measured Temp	1.57	Ohmm	@	75
RM @ MRT	0.83	Ohmm	@	113
Max Recorded Temp	113	DegF	Ohmm @	
Time Drilling Stopped	22-MAR-2015	08:30		
Time Circulation Stopped	23-MAR-2015	12:15		
Time Logger On Bottom	23-MAR-2015	15:32		
Unit Num	Location	S406	OKLAHOMA CITY, OK	
Recorded By	K.HELDERMON			
Witnessed By	K.LEBLANC			

FIELD PRINT

FIELD PRINT

All interpretations are based on inferences from electrical or other readings, and therefore, RECON cannot and will not guarantee the accuracy of any interpretations of log data. RECON shall not be liable for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from

interpretations made by any of our officers, agents or employees, except in the case of provable Gross Negligence or willfull damage. Interpretations are also subject to the terms and conditions of our Price Schedule and General Service Agreement.

RIG INFORMATION

Drill Contr/Rig#

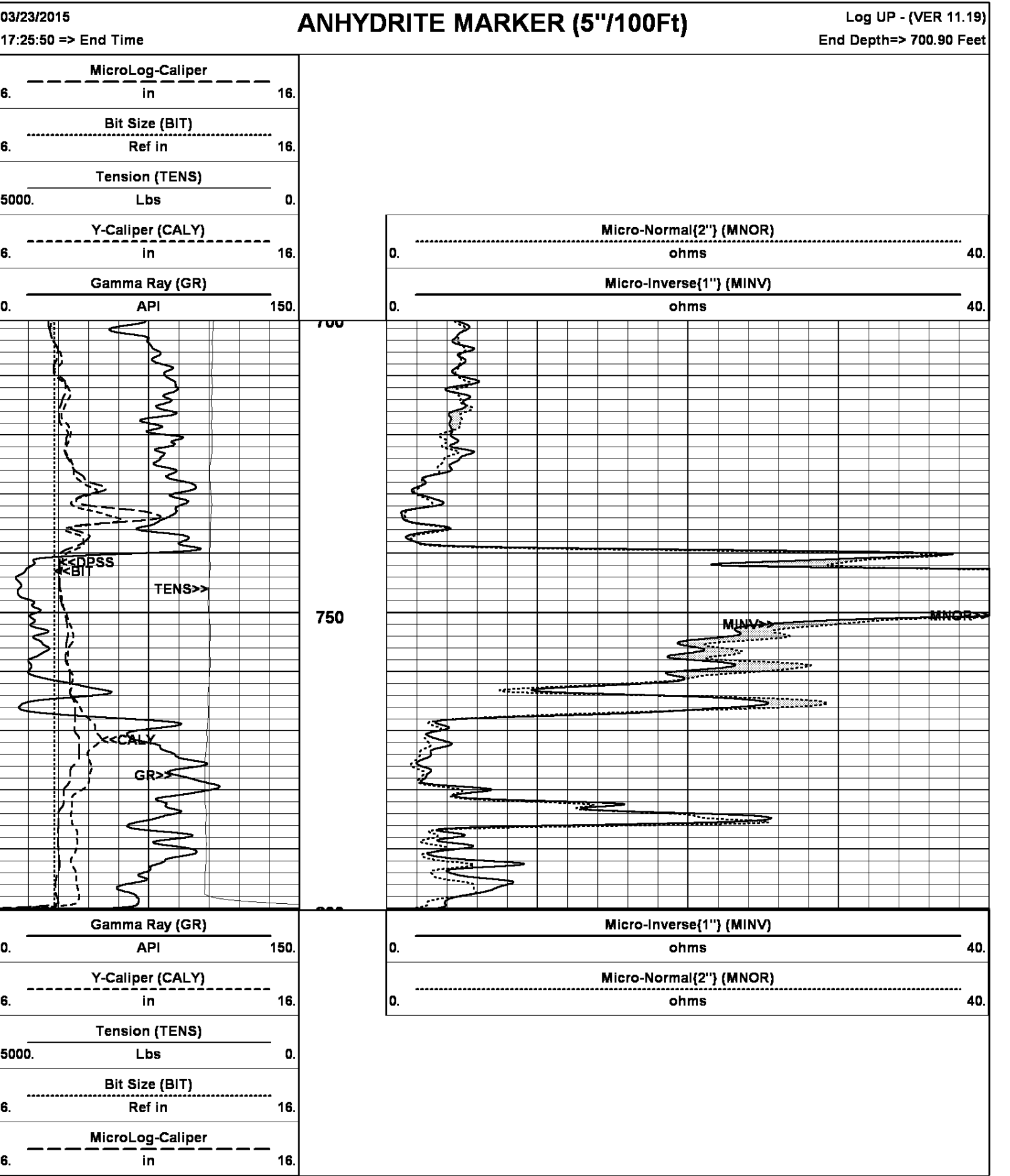
DUKE #7

GENERAL REMARKS SECTION

FIRST RUN IN THE HOLE
CNL AND LDT LOGGED IN A LIMESTONE MATRIX
TOP MARK - 499, BOTTOM MARK - 3301.6
CNL/LDT LOGGED MATRIX: 2.71 g/cc.

CHLORIDES: 3900
LCM: 4

AHV CALCULATED ON 5.5" PROD. CASING



03/23/2015

MAIN PASS (5"/100Ft)

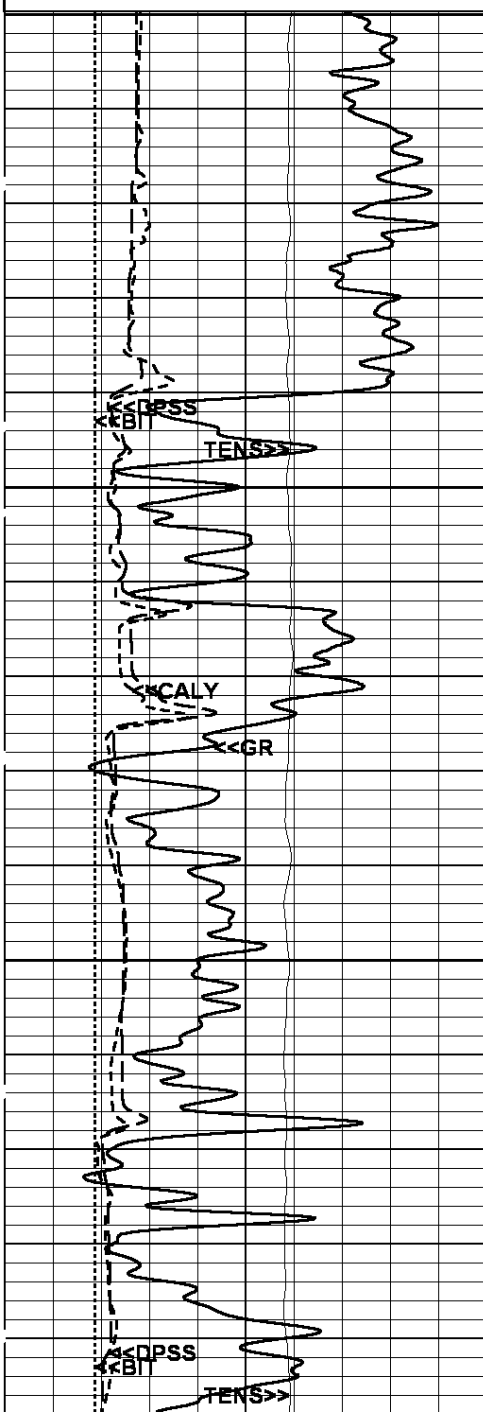
Log UP - (VER 11.19)

17:25:50 => End Time

End Depth=> 2599.90 Feet

MicroLog-Caliper		
6.	in	16.
Bit Size (BIT)		
6.	Ref in	16.
Tension (TENS)		
5000.	Lbs	0.
Y-Caliper (CALY)		
6.	in	16.
Gamma Ray (GR)		
0.	API	150.

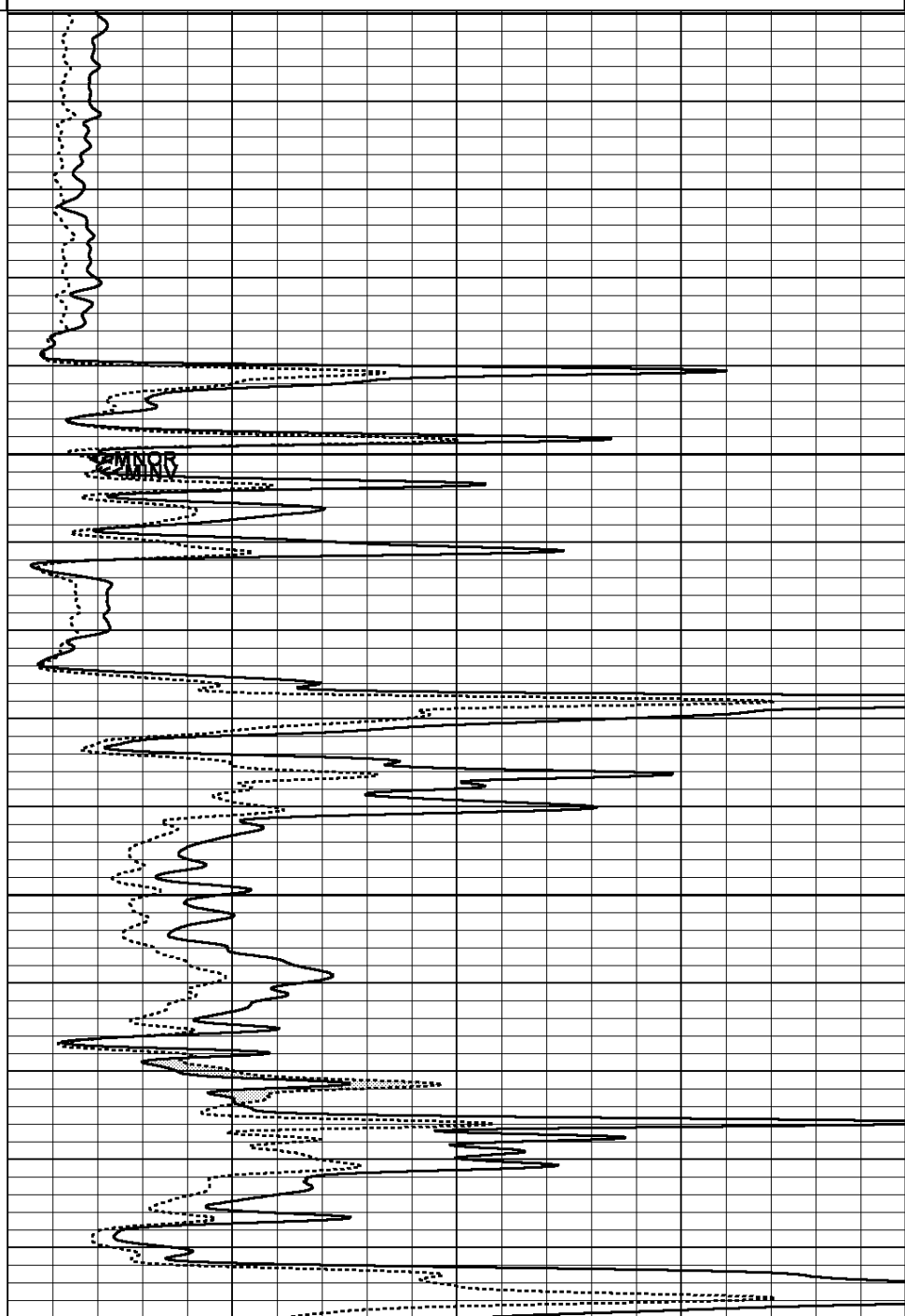
Micro-Normal{2"} (MNOR)		
0.	ohms	40.
Micro-Inverse{1"} (MINV)		
0.	ohms	40.

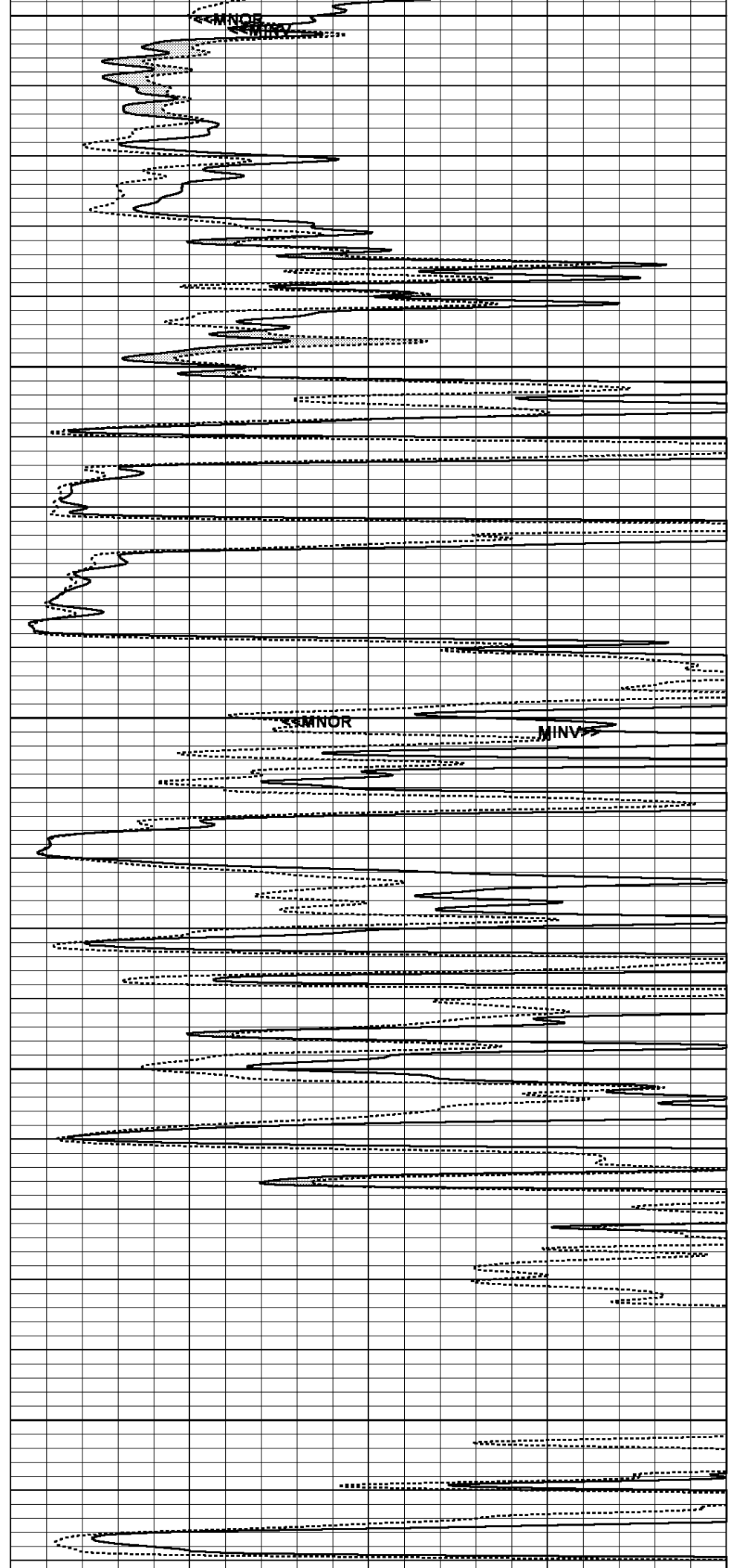
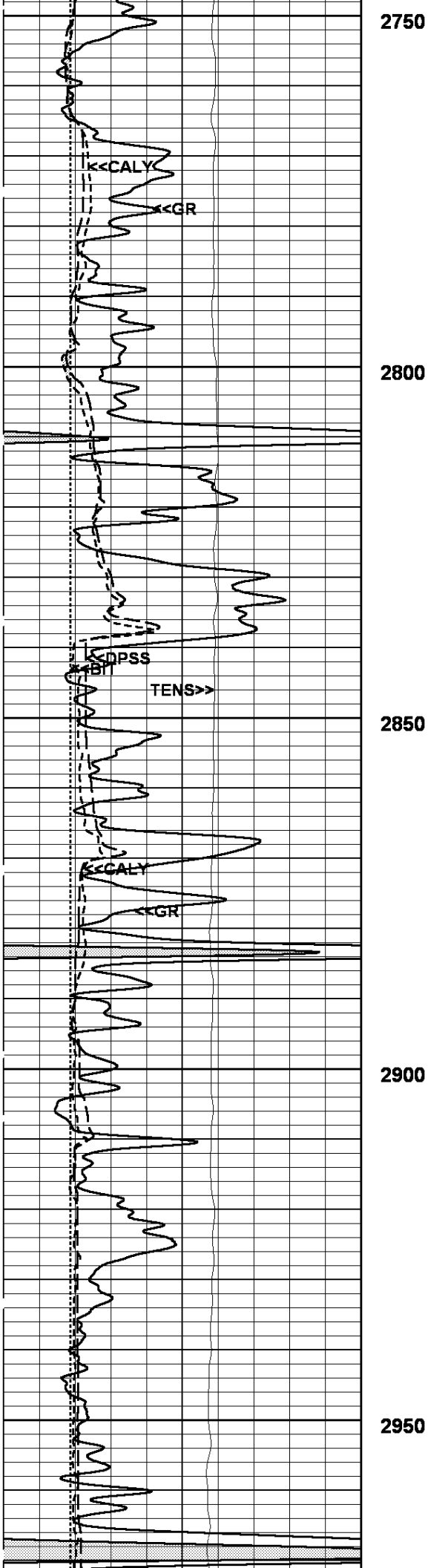


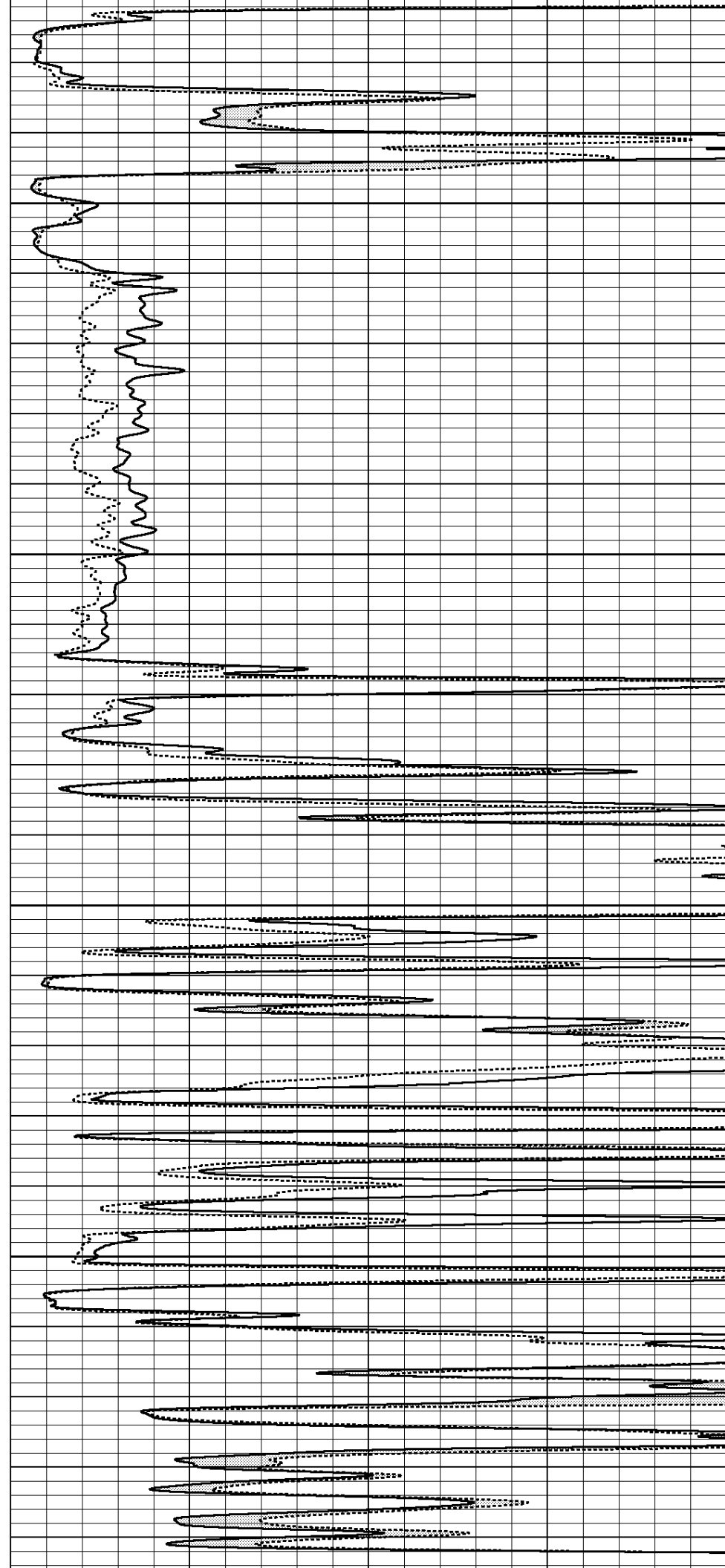
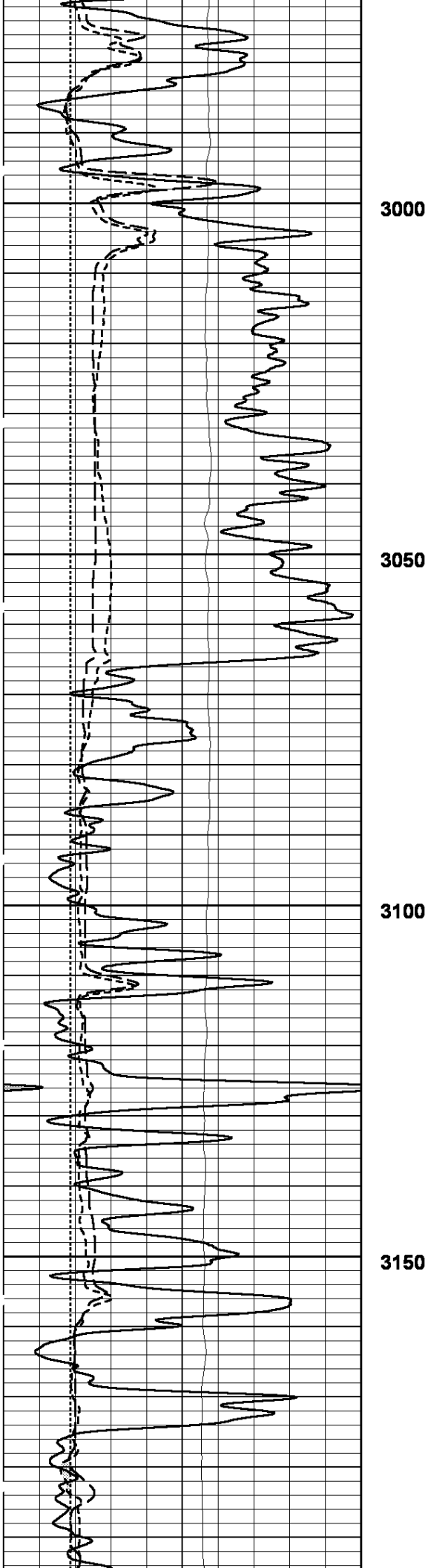
2600

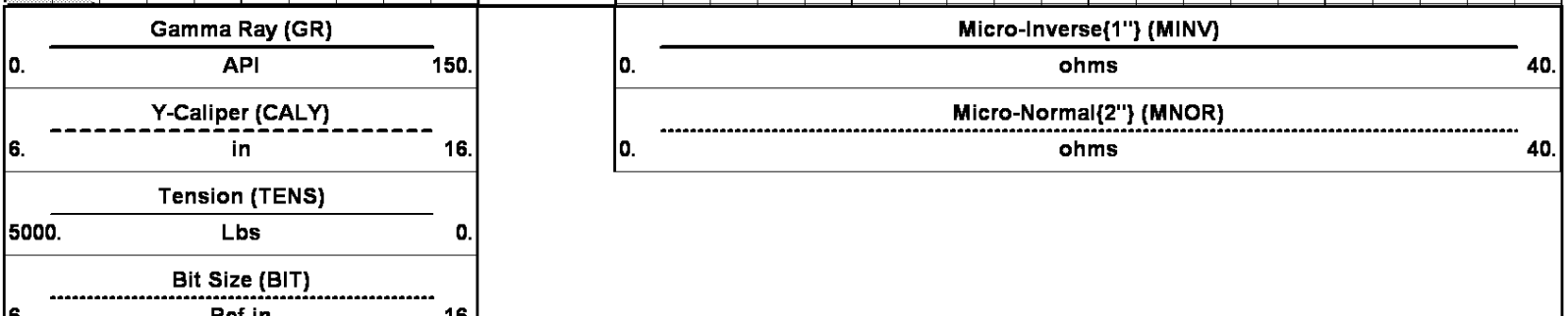
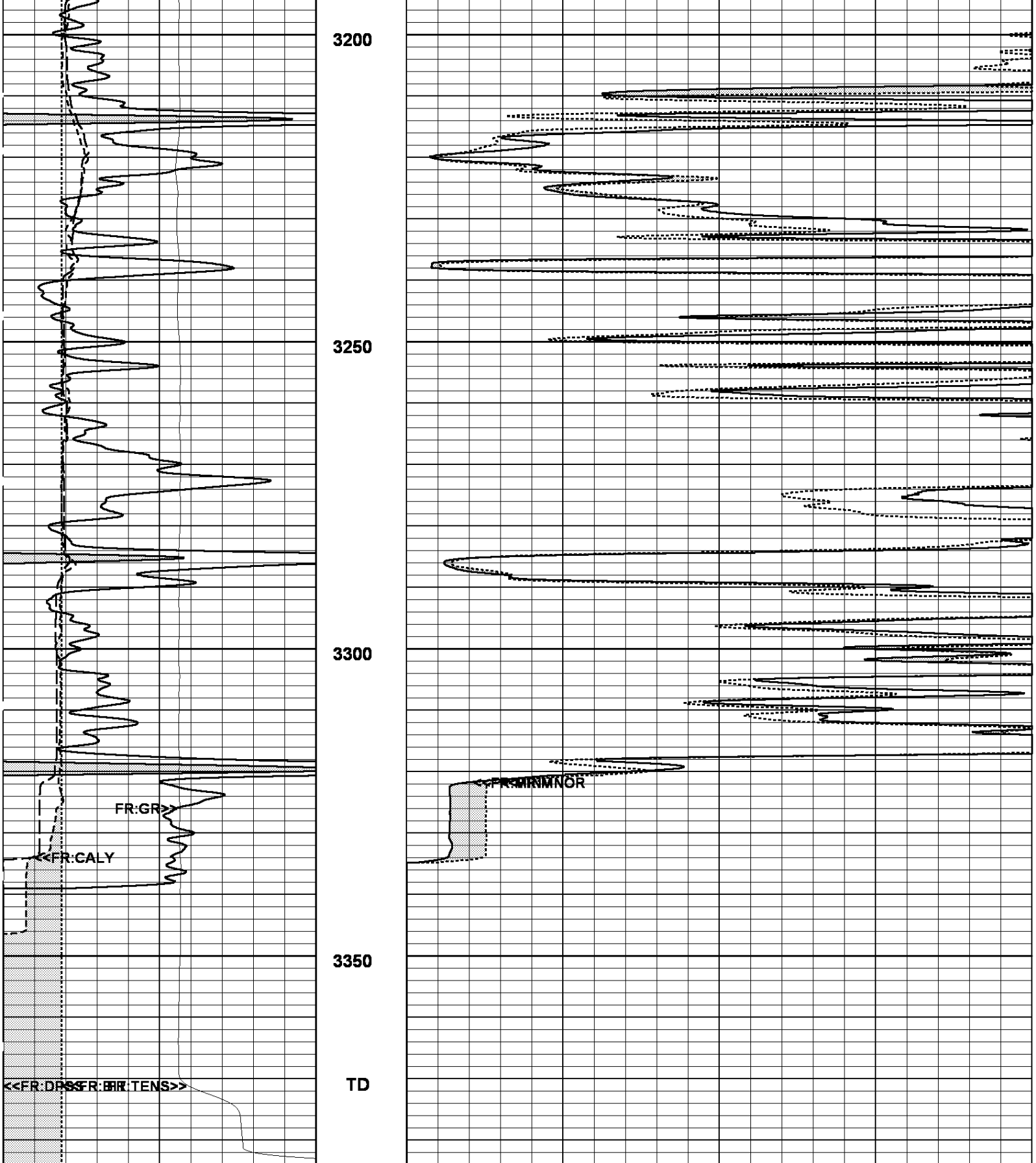
2650

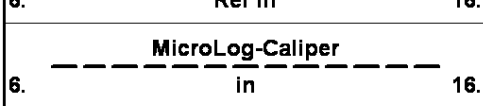
2700











03/23/2015
15:55:01 => Start Time

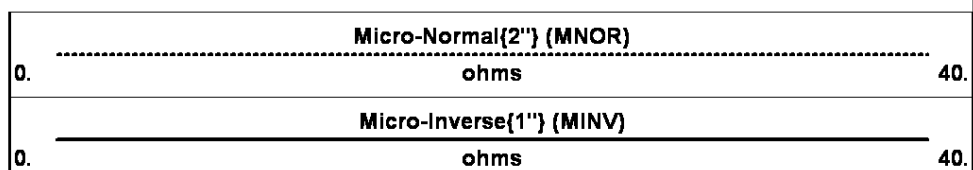
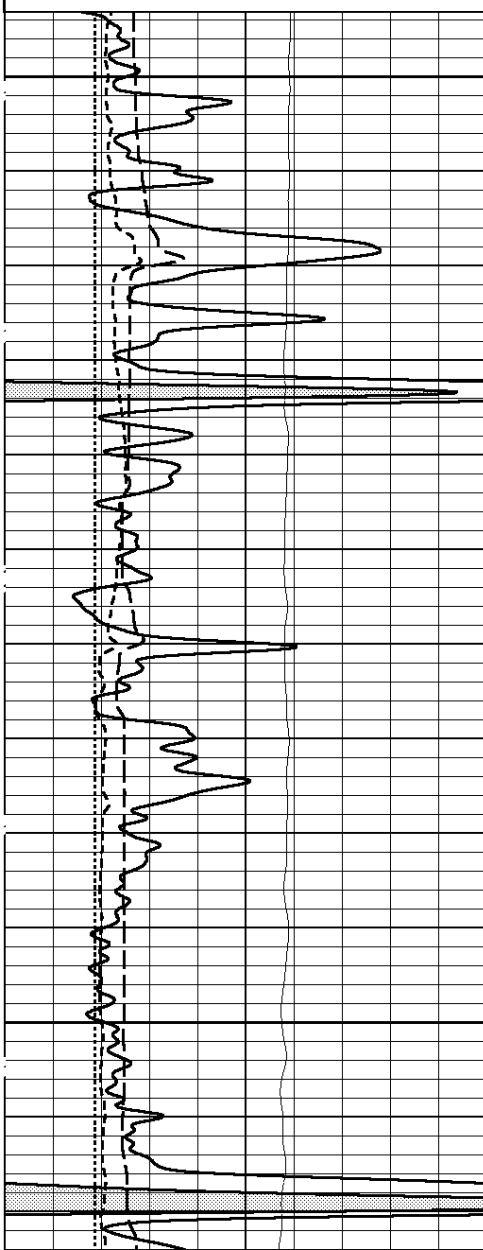
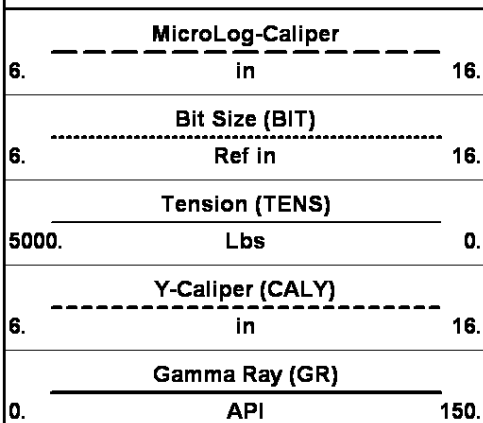
MAIN PASS (5"/100ft)

Log UP - (VER 11.19)
Start Depth=> 3384.10 Feet

03/23/2015
15:50:29 => End Time

REPEAT PASS (5"/100ft)

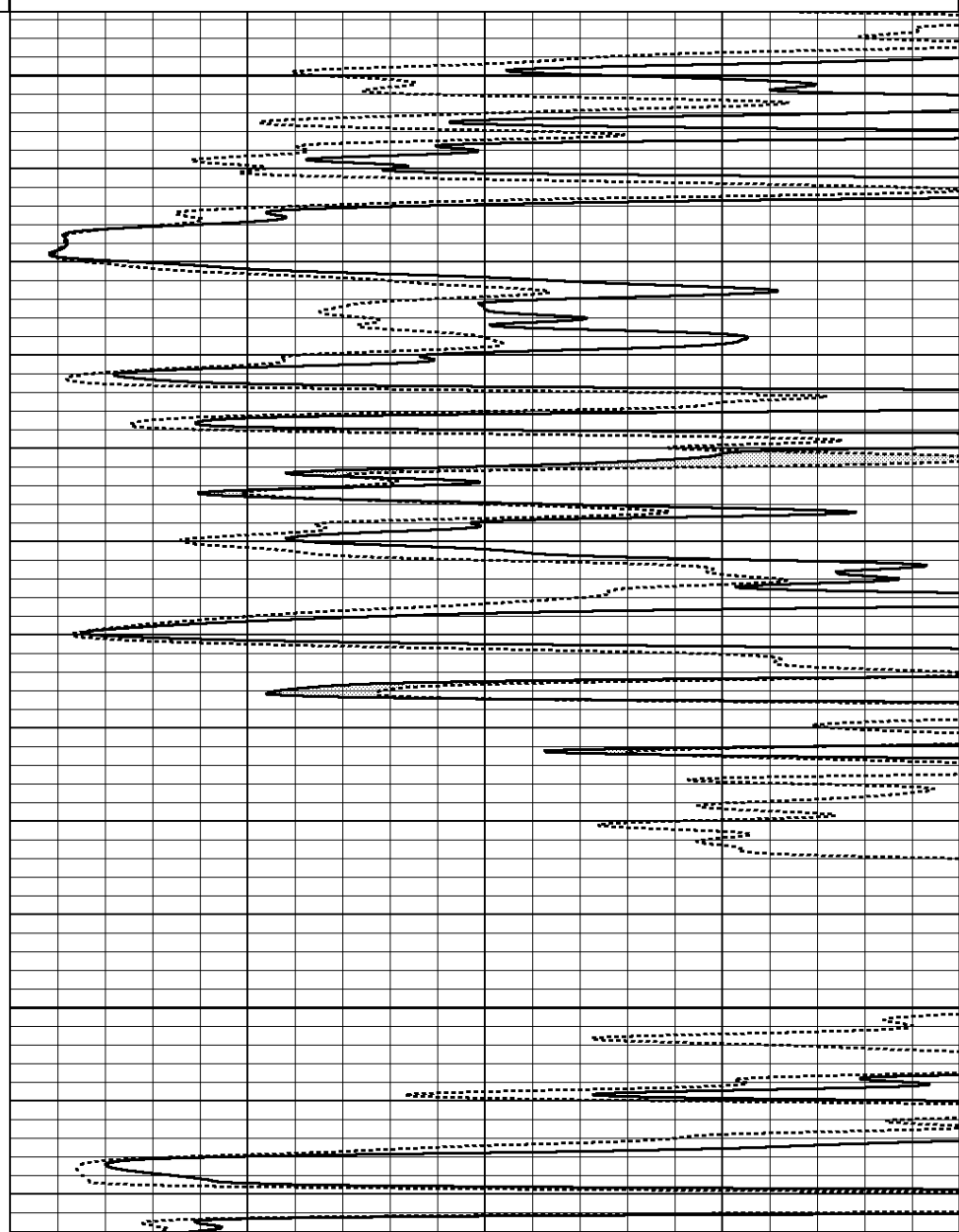
Log UP - (VER 11.19)
End Depth=> 2843.00 Feet

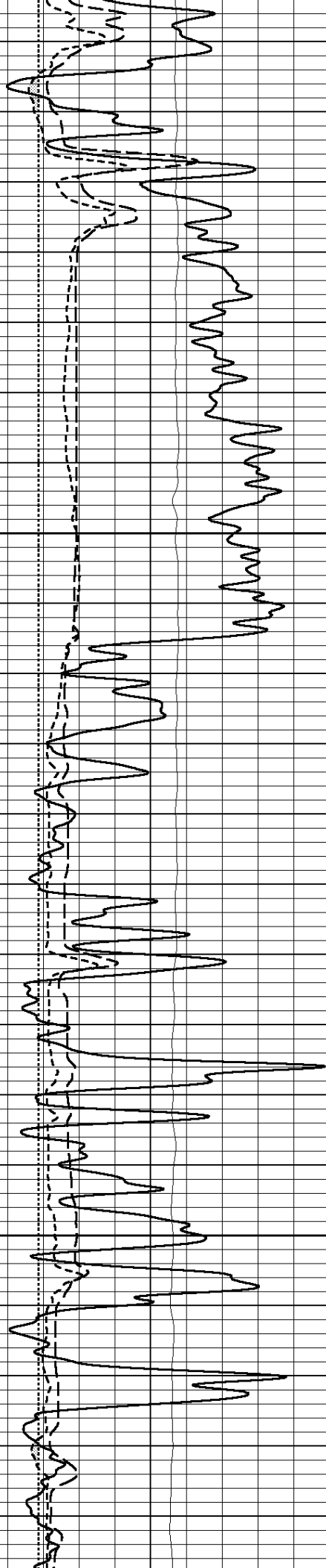


2850

2900

2950



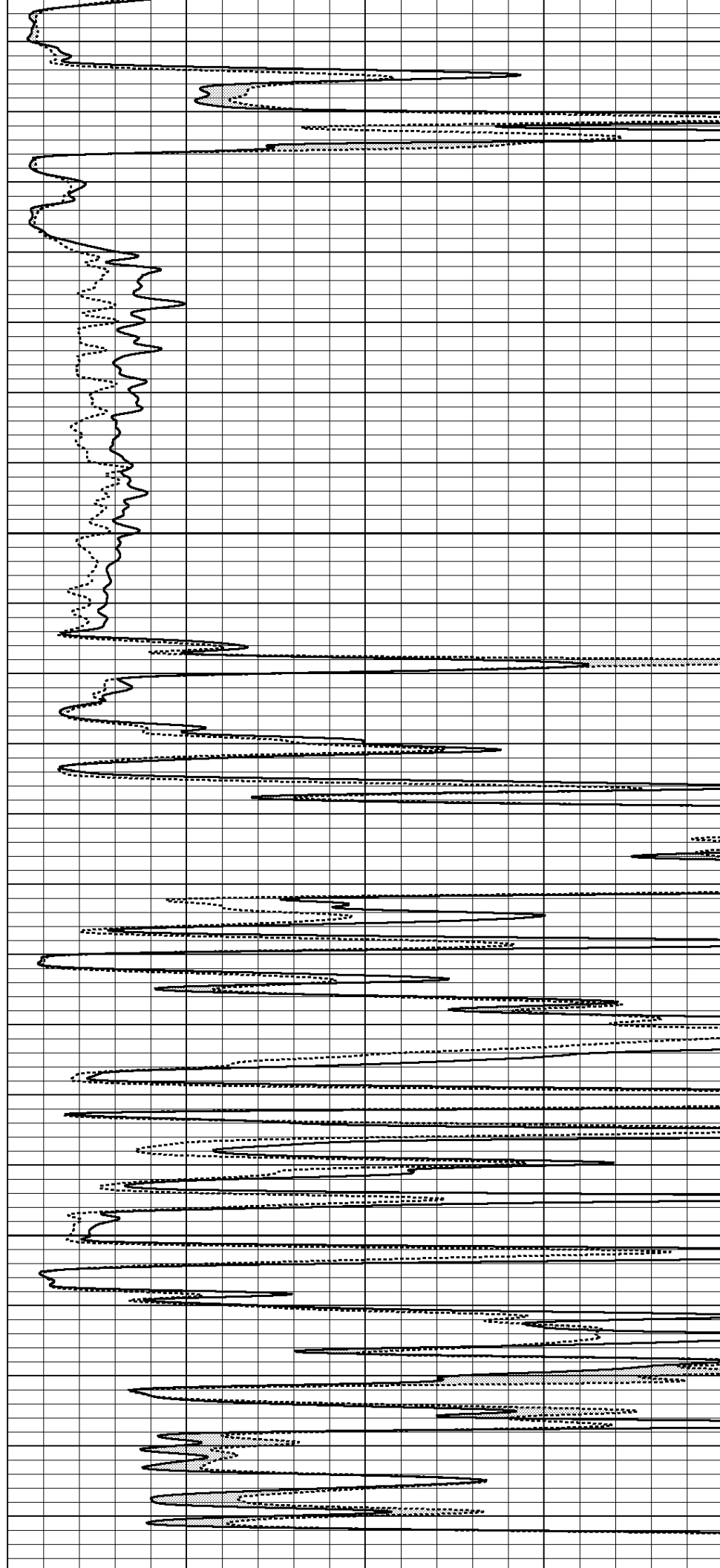


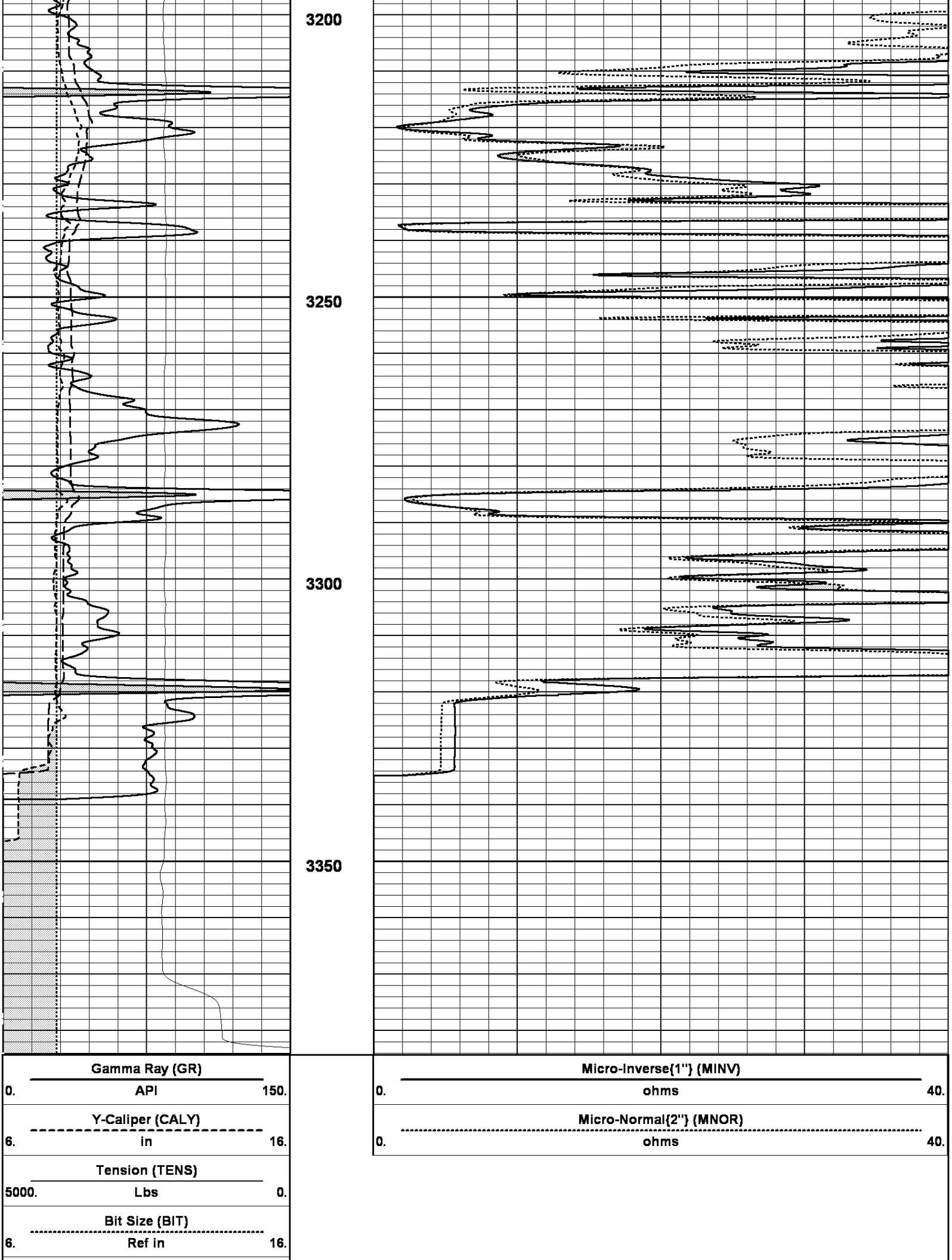
3000

3050

3100

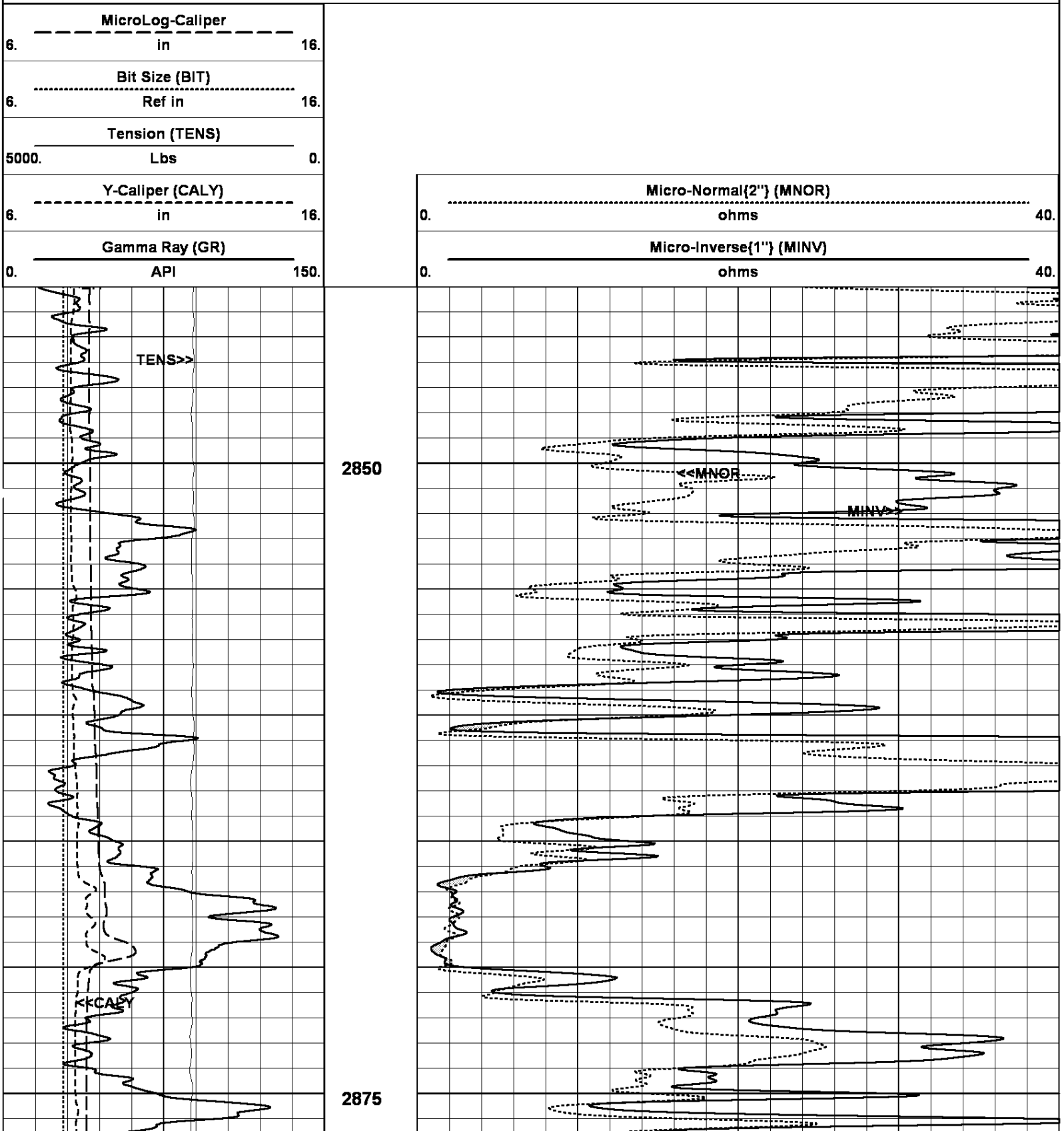
3150

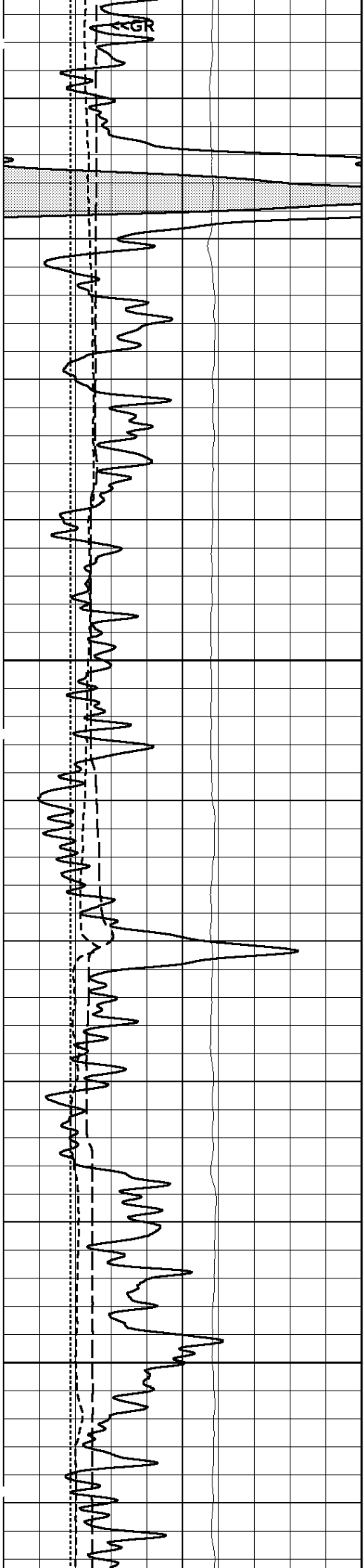




MicroLog-Caliper	
6.	16.
in	
03/23/2015	
REPEAT PASS (5"/100Ft)	
Log UP - (VER 11.19)	
15:27:06 => Start Time	
Start Depth=> 3384.10 Feet	

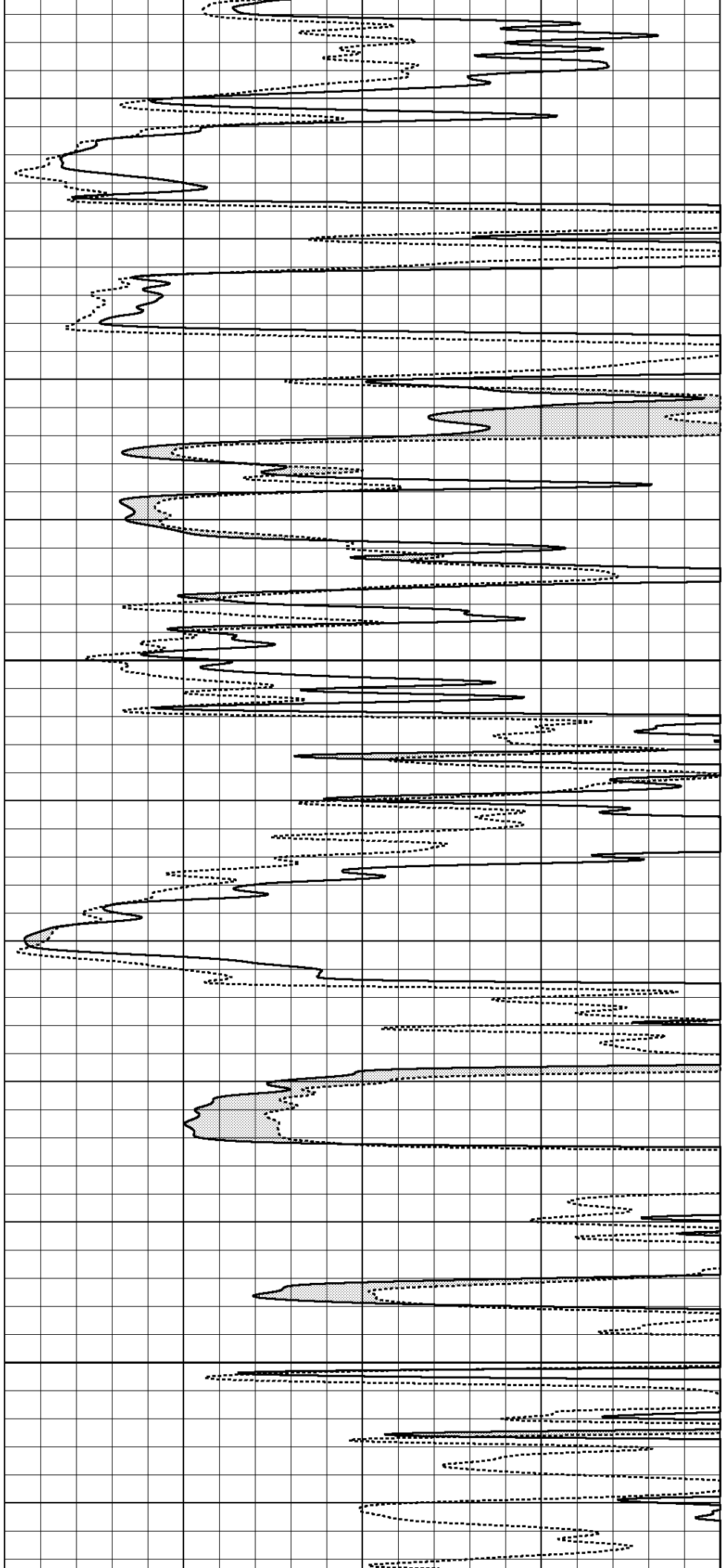
03/23/2015	
HIGH DEFINITION PASS (20"/100Ft)	
Log UP - (VER 11.19)	
15:50:29 => End Time	
End Depth=> 2843.07 Feet	

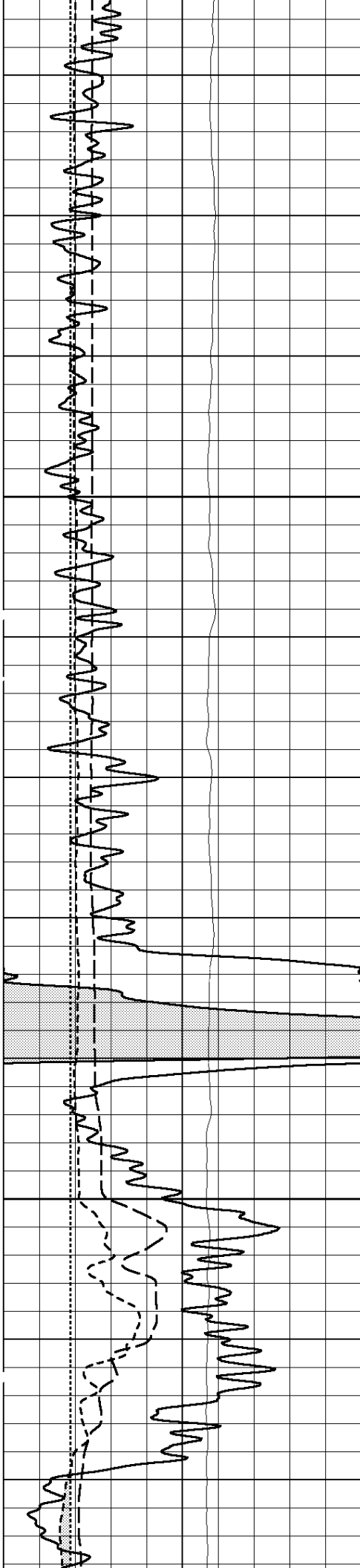




2900

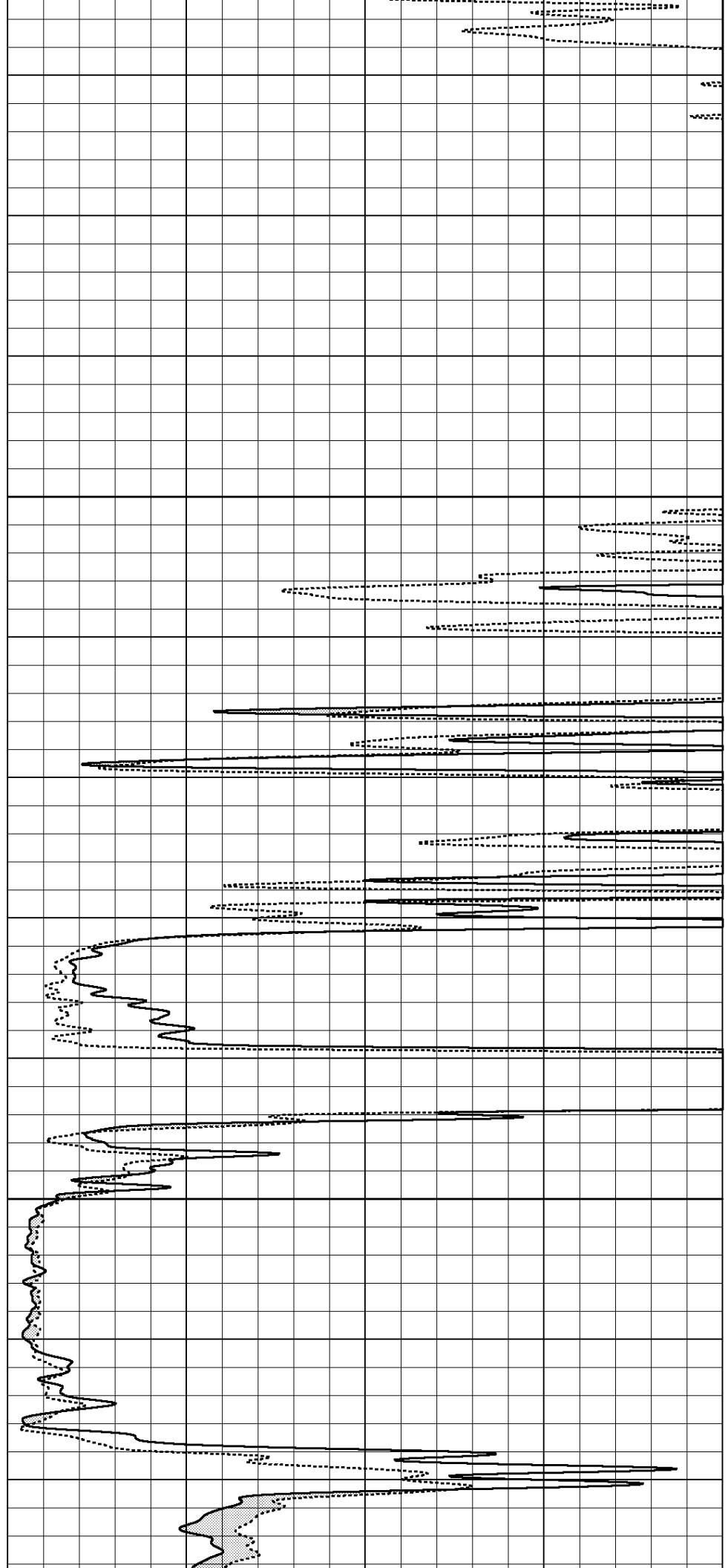
2925

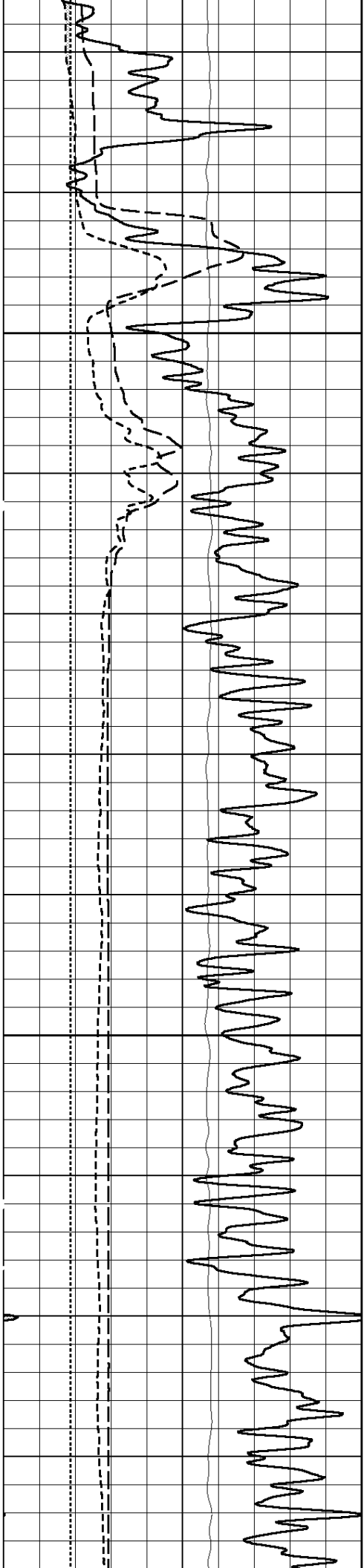




2950

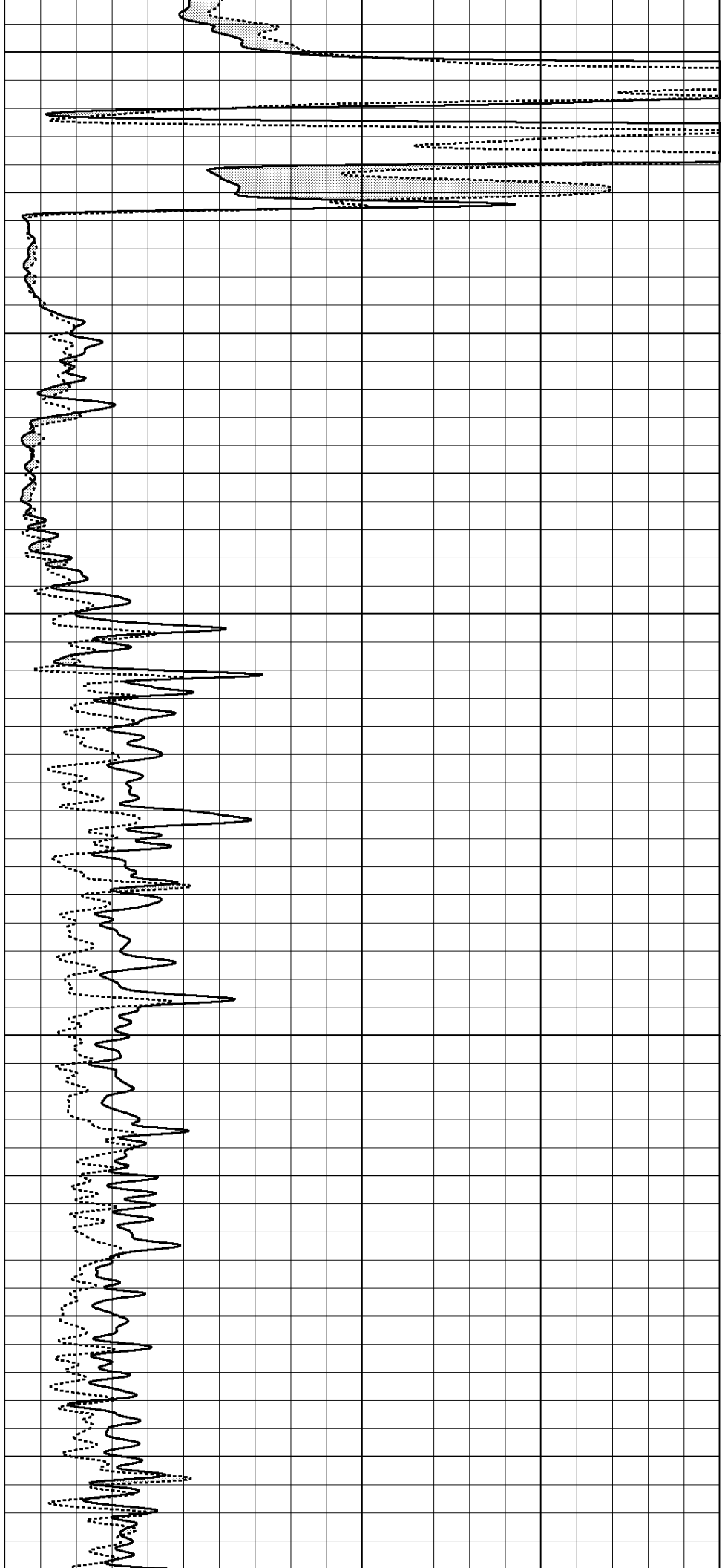
2975





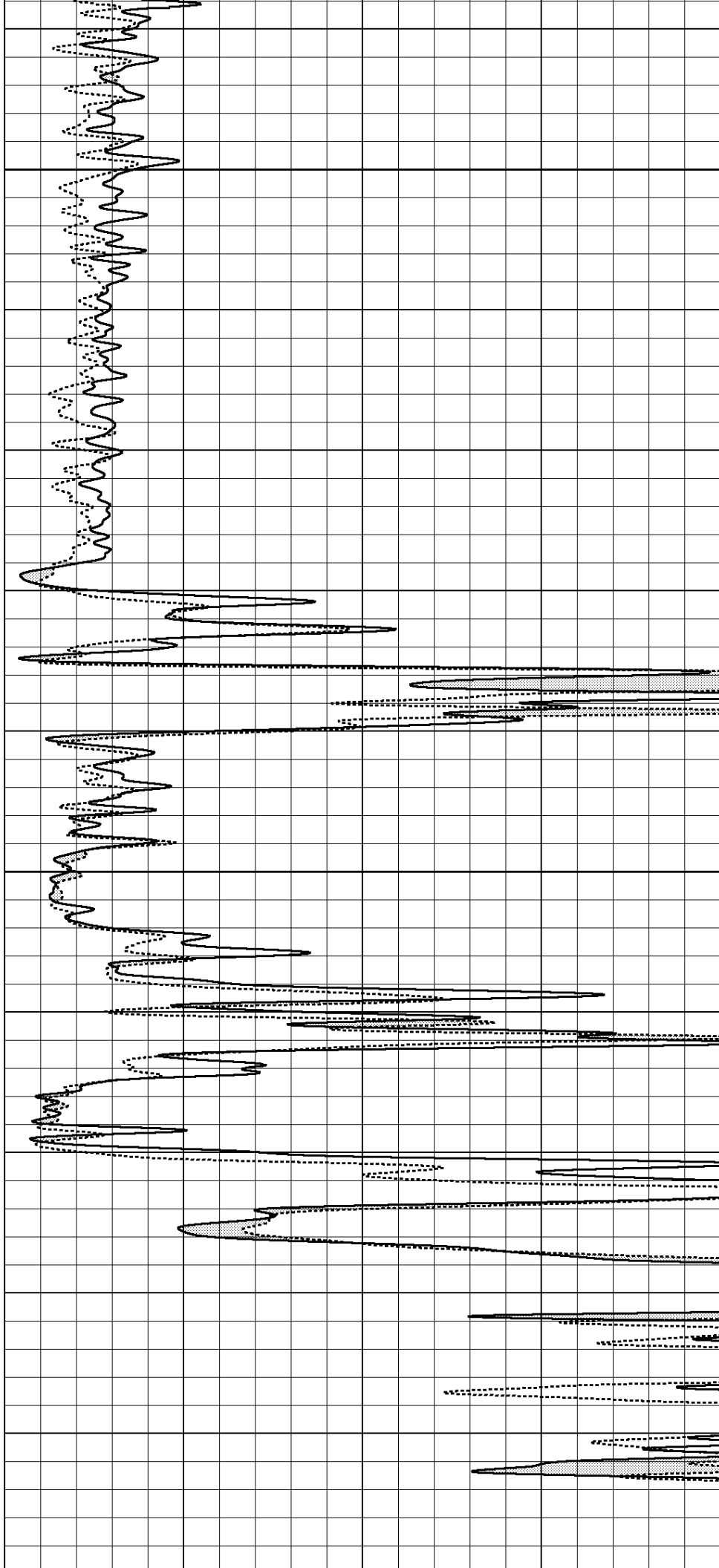
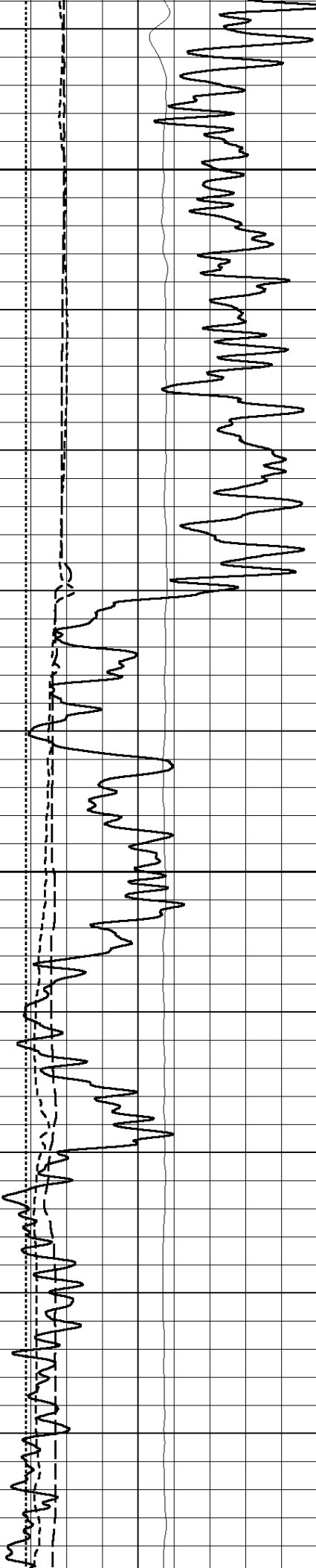
3000

3025

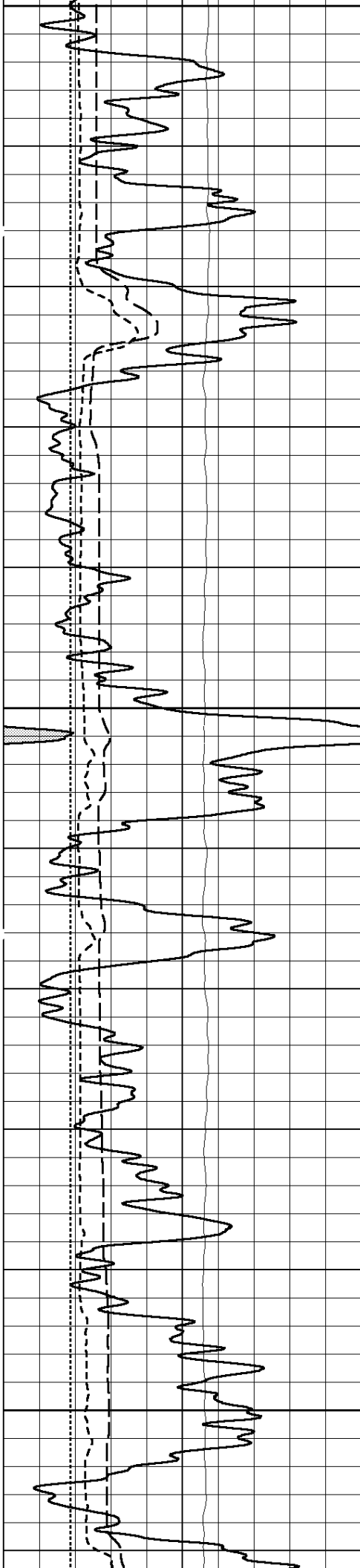


3050

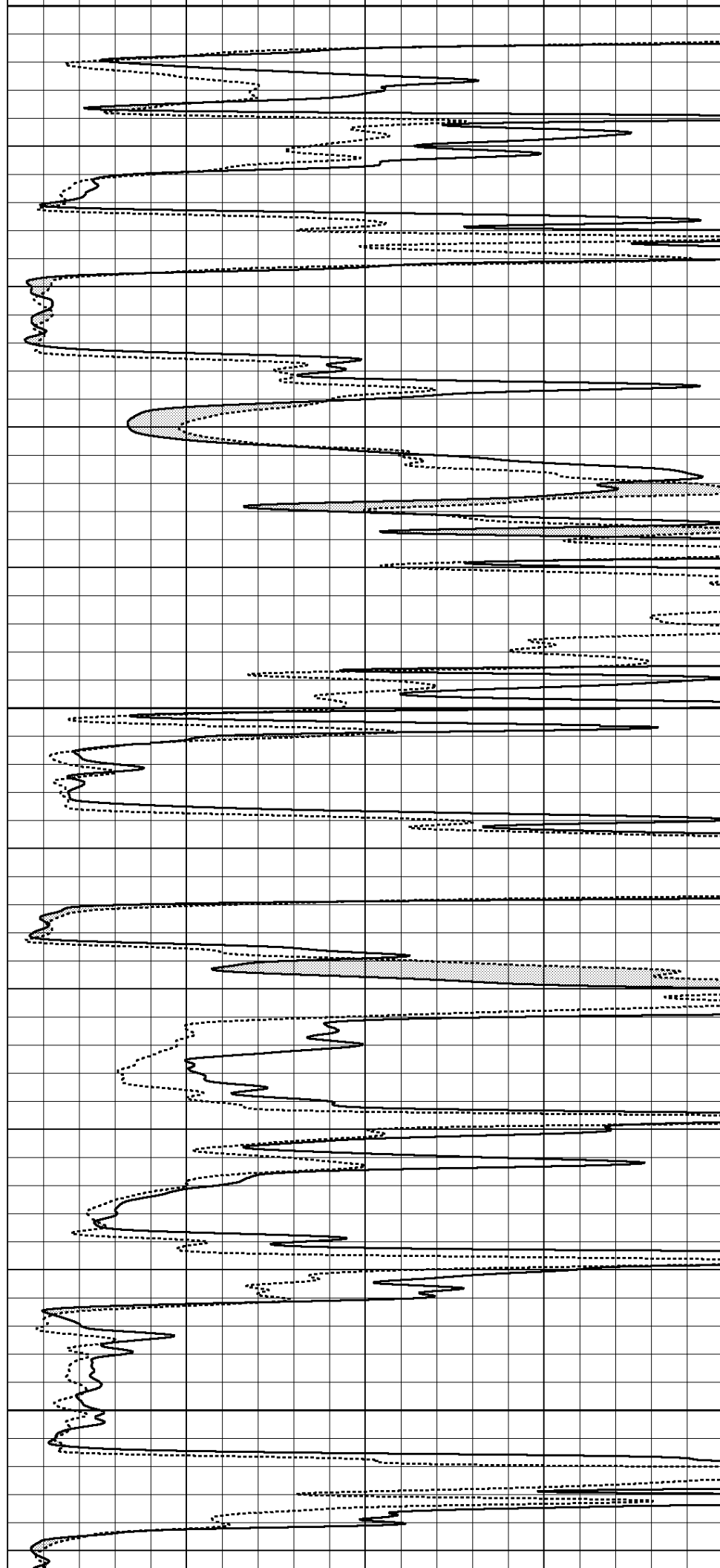
3075



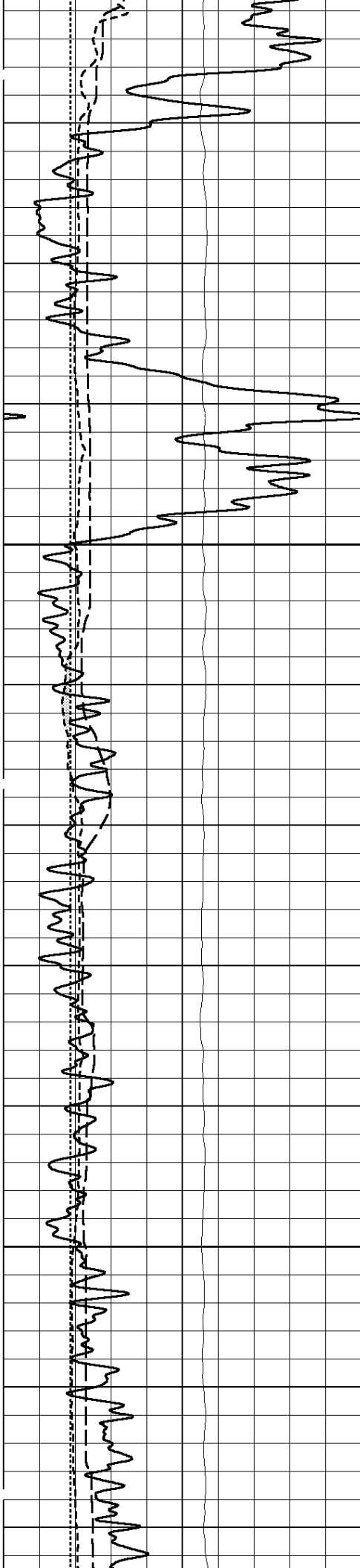
3100



3125

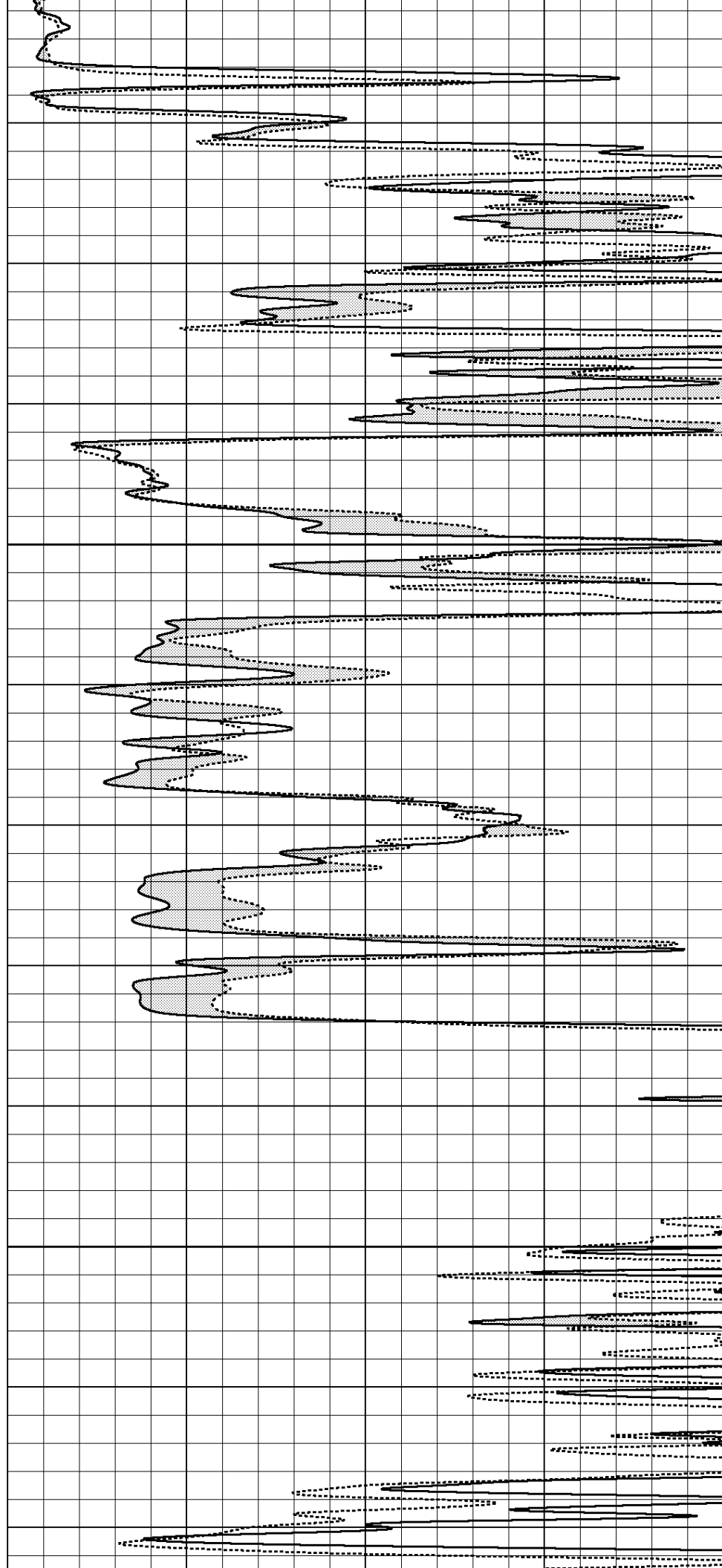


3150



3175

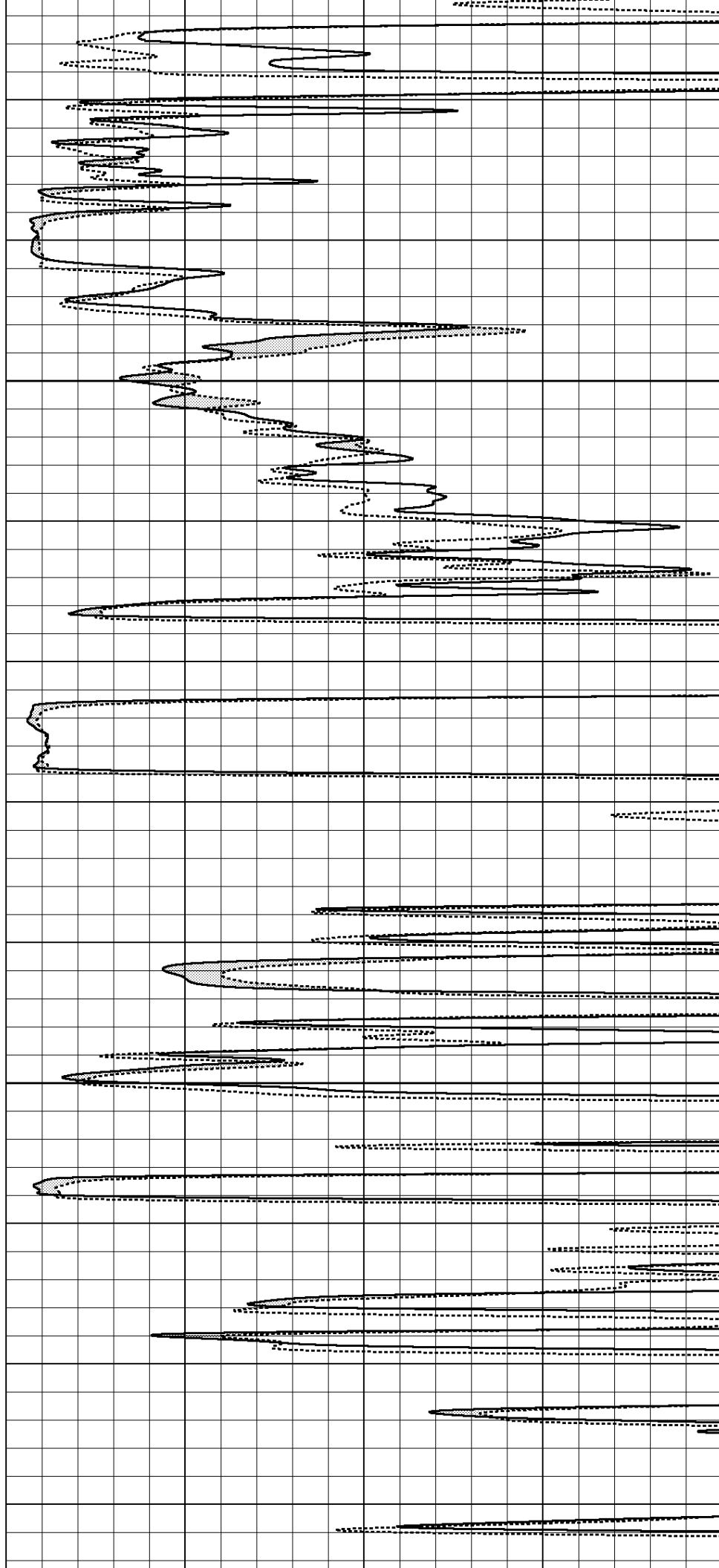
3200

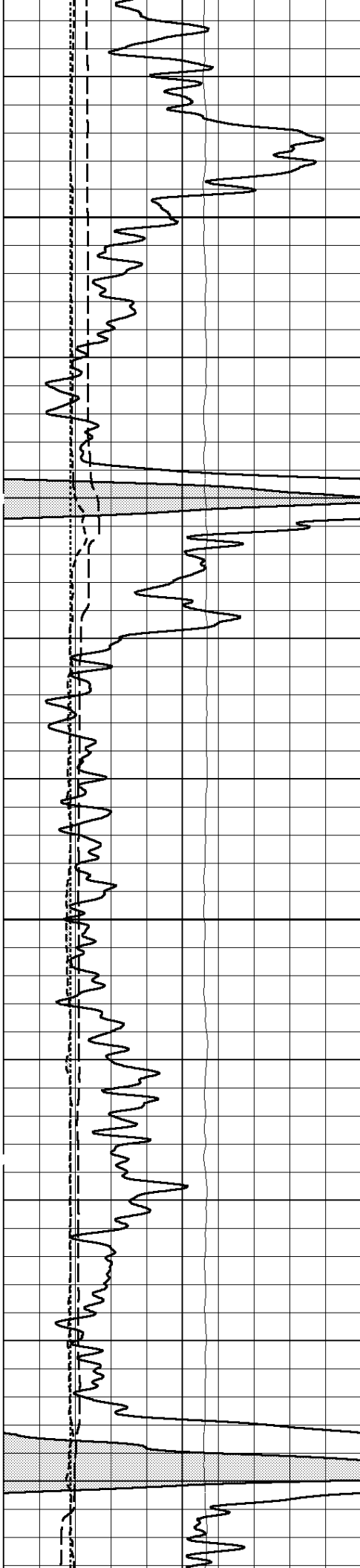




3225

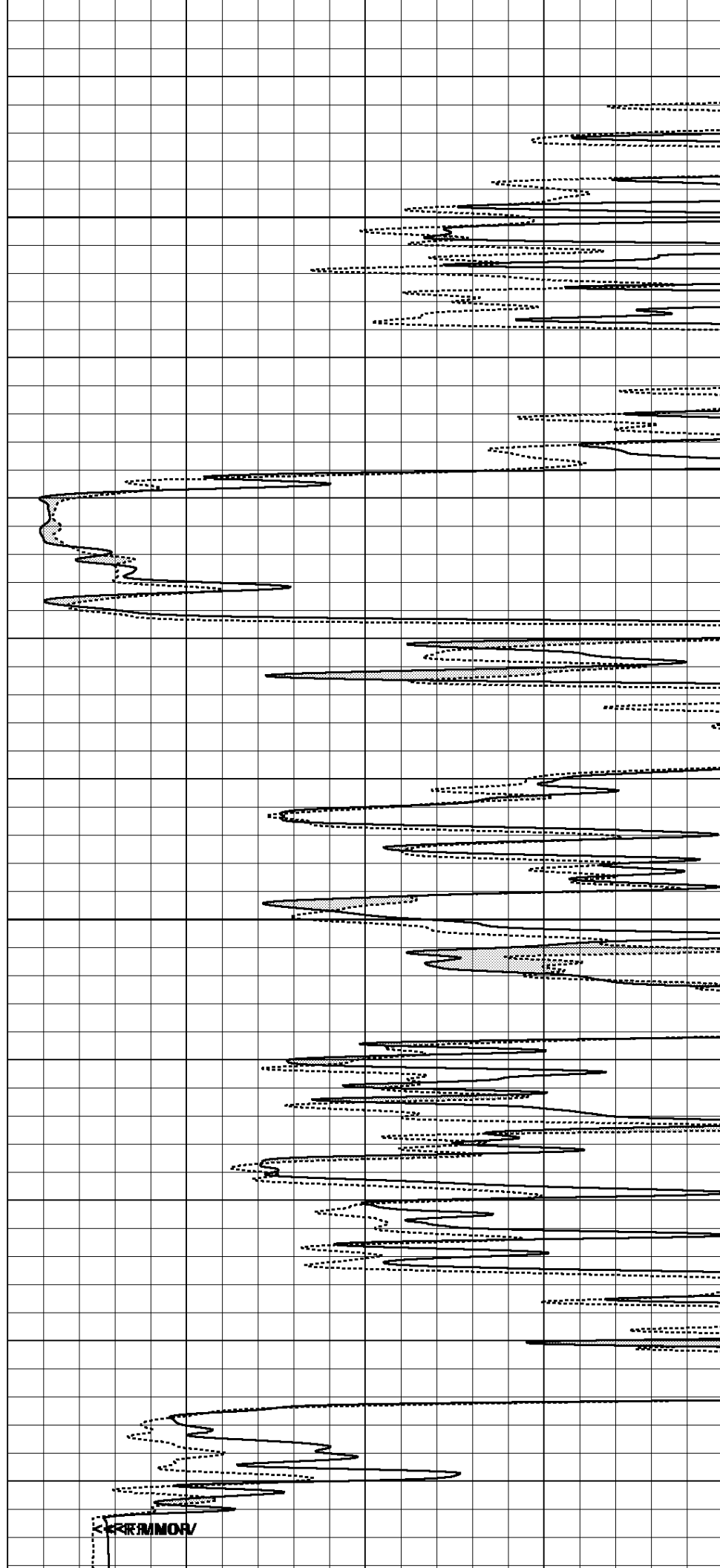
3250



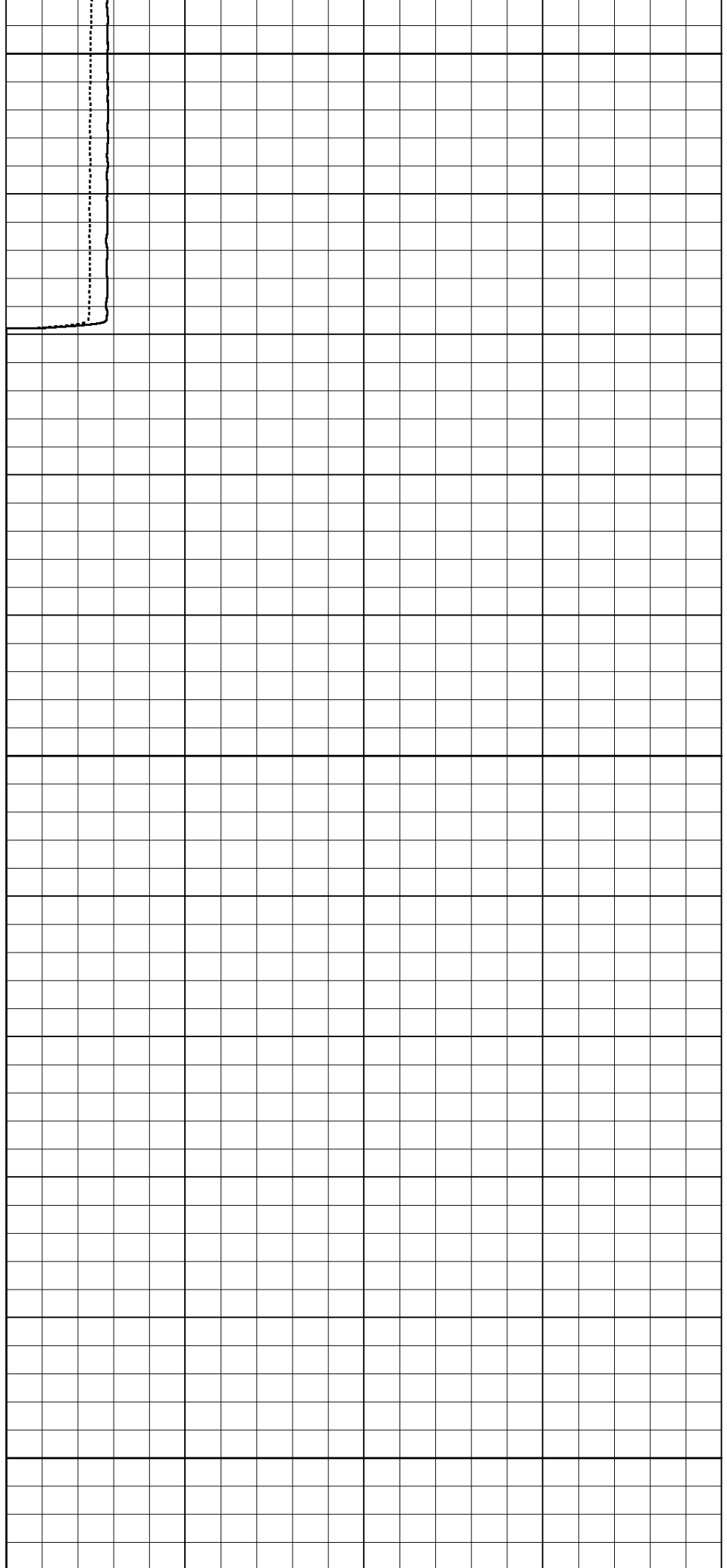
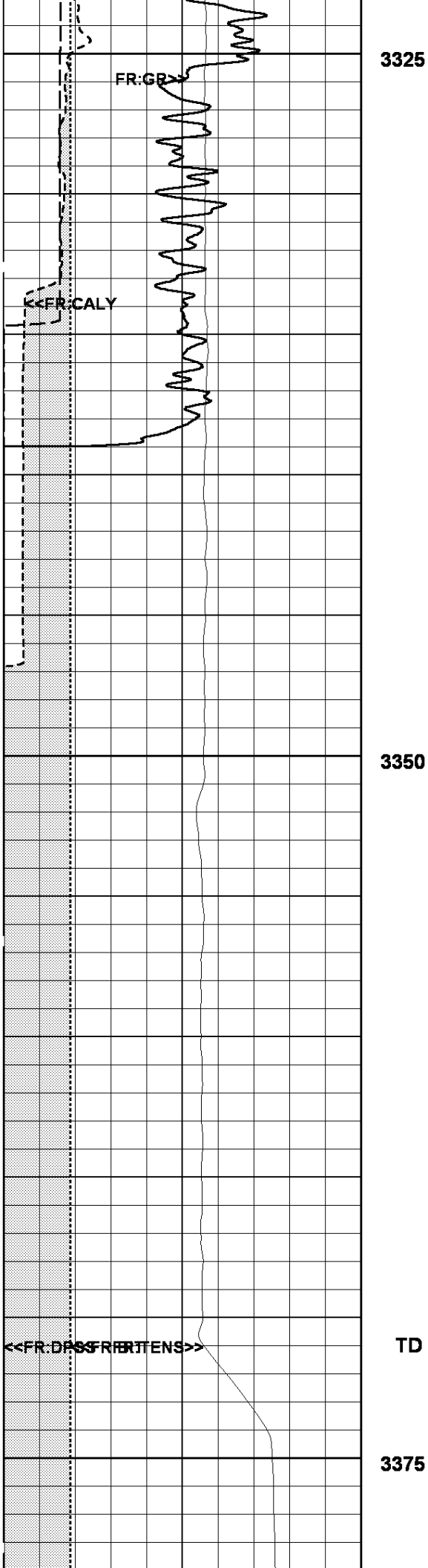


3275

3300



REMOVAL



Gamma Ray (GR) 0. API 150. Y-Caliper (CALY) 6. in 16. Tension (TENS) 5000. Lbs 0. Bit Size (BIT) 6. Ref in 16. MicroLog-Caliper 6. in 16.		Micro-Inverse{1"} (MINV) 0. ohms 40. Micro-Normal{2"} (MNOR) 0. ohms 40.
03/23/2015 15:27:06 => Start Time HIGH DEFINITION PASS (20"/100Ft) Log UP - (VER 11.19) Start Depth=> 3384.10 Feet		

MICRO INVERSE CALIBRATIONS

SERIAL NUM

RM8002

MASTER CALIBRATIONS

	ZeroVal: 0.020 ohmm	CalVal: 10.000 ohmm	Gain/Offset	CALIBRATION DATE	CALIBRATION TIME
BASE CALS	17.979 - raw	258.509 - raw	0.041 - gain -0.726 - off	M/D/Y> 3/17/2015	H:M:S> 11:24:9

MICRO NORMAL CALIBRATIONS

SERIAL NUM

RM8002

MASTER CALIBRATIONS

	ZeroVal: 0.020 ohmm	CalVal: 10.000 ohmm	Gain/Offset	CALIBRATION DATE	CALIBRATION TIME
BASE CALS	18.165 - raw	381.505 - raw	0.027 - gain -0.479 - off	M/D/Y> 3/17/2015	H:M:S> 11:27:34

GAMMA RAY CALIBRATION

SERIAL NUM

RG3007

BLANKET NUM

1A

MASTER CALIBRATIONS

	BackGrnd	CalVal: 175.000 API	Gain/Offset	CALIBRATION DATE	CALIBRATION TIME
BASE CALS	29.340 - raw	207.814 - raw	0.981 - gain 0.000 - off	M/D/Y> 3/12/2015	H:M:S> 12:17:54

Y CALIPER CALIBRATIONS

SERIAL NUM	RN2007				
MASTER CALIBRATIONS					
	ZeroVal: 6.000 in	CalVal: 10.000 in	Gain/Offset	CALIBRATION DATE	CALIBRATION TIME
BASE CALS	738.301 - raw	1455.113 - raw	0.006 - gain 1.880 - off	M/D/Y> 3/13/2015	H:M:S> 10:16:22

MICRO CALIPER CALIBRATIONS					
SERIAL NUM	RM8002				
MASTER CALIBRATIONS					
	ZeroVal: 6.000 in	CalVal: 10.000 in	Gain/Offset	CALIBRATION DATE	CALIBRATION TIME
BASE CALS	1978.282 - raw	3926.973 - raw	0.002 - gain 1.939 - off	M/D/Y> 3/17/2015	H:M:S> 11:33:12

Company	CMX, INCORPORATED
Well	HOMOLKA #1-35
Field	KRAFT-PRUSA
County	BARTON
State	KANSAS

RECON	MICROLOG
FIELD PRINT	