

Company **CMX OIL & GAS EXPLORATION**
Well **CLAFLIN 2-35**
Field **KRAFT-PRUSA**
County **BARTON**
State **KANSAS**

RECON

**COMPENSATED NEUTRON
LITHOLOGY DENSITY
GAMMA RAY X-Y CALIPER
MICROLOG**

OTHER SERVICES:			
DIL			
SEC	TWP	RGE	
35	16S	11W	
Location. 330' FSL & 1940' FWL			
SURF. SAME		AP#.	E2 SW SE SW 015-009-26116
Permanent Datum	Ground Level	Elev	1937
Log Measured From	Kelly Bushing		
Drilling Measured From	Kelly Bushing		
			ELEVATIONS K.B. 1945 G.L. 1937 D.F. N/A

Date	09-06-2015		
Run No.	ONE		
TD Driller	3415	ft	ft
TD RECON	3409	ft	ft
Bot Logged Interval	3409	ft	ft
Top Logged Interval	474	ft	ft
Casing Depth Driller	8 5/8	in.	@ 474
Casing Depth RECON	8 5/8	in.	@ 474
Bit Size	7 7/8	in.	in.
Drilling Fluid Type	WBM		
Density	9.4	Viscosity	60
Fluid Loss	PH	80.	10.2
Source Of Sample	Flowline		
RM @ Measured Temp	3.6	Ohmm @ 90	Ohmm @
RMF @ Measured Temp	2.88	Ohmm @ 90	Ohmm @
RMC @ Measured Temp	4.32	Ohmm @ 90	Ohmm @
RM @ MRT	3.34	Ohmm @ 97	Ohmm @
Max Recorded Temp	97	DegF	DegF
Time Drilling Stopped	9-5-2015	20:30	
Time Circulation Stopped	9-6-2015	05:00	
Time Logger On Bottom	9-6-2015	10:00	
Unit Num	Location	S406	OKLAHOMA CITY, OK
Recorded By	D. ROWELL		
Witnessed By	K. LEBLANC		

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

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

RIG INFORMATION

Drill Contr/Rig# DUKE DRILLING #2

GENERAL REMARKS SECTION

FIRST RUN IN THE HOLE
CNL AND LDT LOGGED IN A LIMESTONE MATRIX
TOP MARK - 333, BOTTOM MARK - 3433
CNL/LDT LOGGED MATRIX: 2.71 g/cc.

CHLORIDES: 7000
LCM: N/A

LL3 (SHALLOW) WAS NOT WORKING..CLIENT WAS AWARE

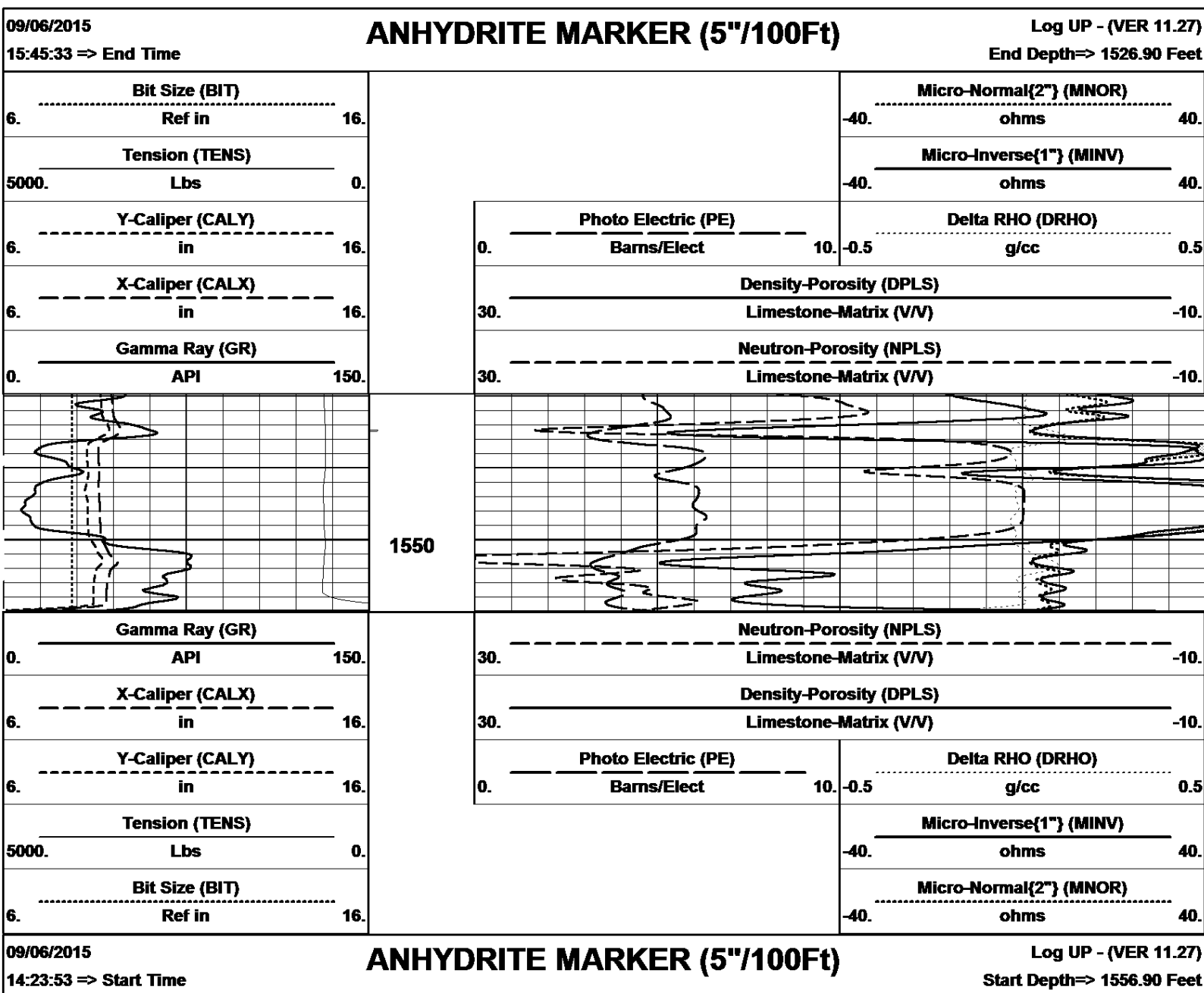
THANK YOU FOR USING RECON PETROTECHNOLOGIES LTD.

AHV CALCULATED ON 5.5" PROD. CASING

CREW: C. WILKES

CEMENT VOLUME CALCULATIONS SUMMARY

Tool Type	LDT-CNT	Caliper TypeX-Y CALIPERS				
Tool Serial #	RN2016 / RL4102					
	Borehole Total	Annular Volume with Casing	From Depth (MKb)	To Depth (MKb)		
VOLUMES	??? Cubic Feet	??? Cubic Feet	474	TD		
CASING INFORMATION						
	SIZE (in)	GRADE	WEIGHT (lbs/ft)	ID (in)	TOP DEPTH	BOT DEPTH
SURFACE CASING	8 5/8	J55			474	3409
INTERMEDIATE CASING	N/A	N/A	N/A	N/A	Surface	N/A
PRODUCION CASING	5 1/2	N/A	N/A	N/A	Surface	N/A

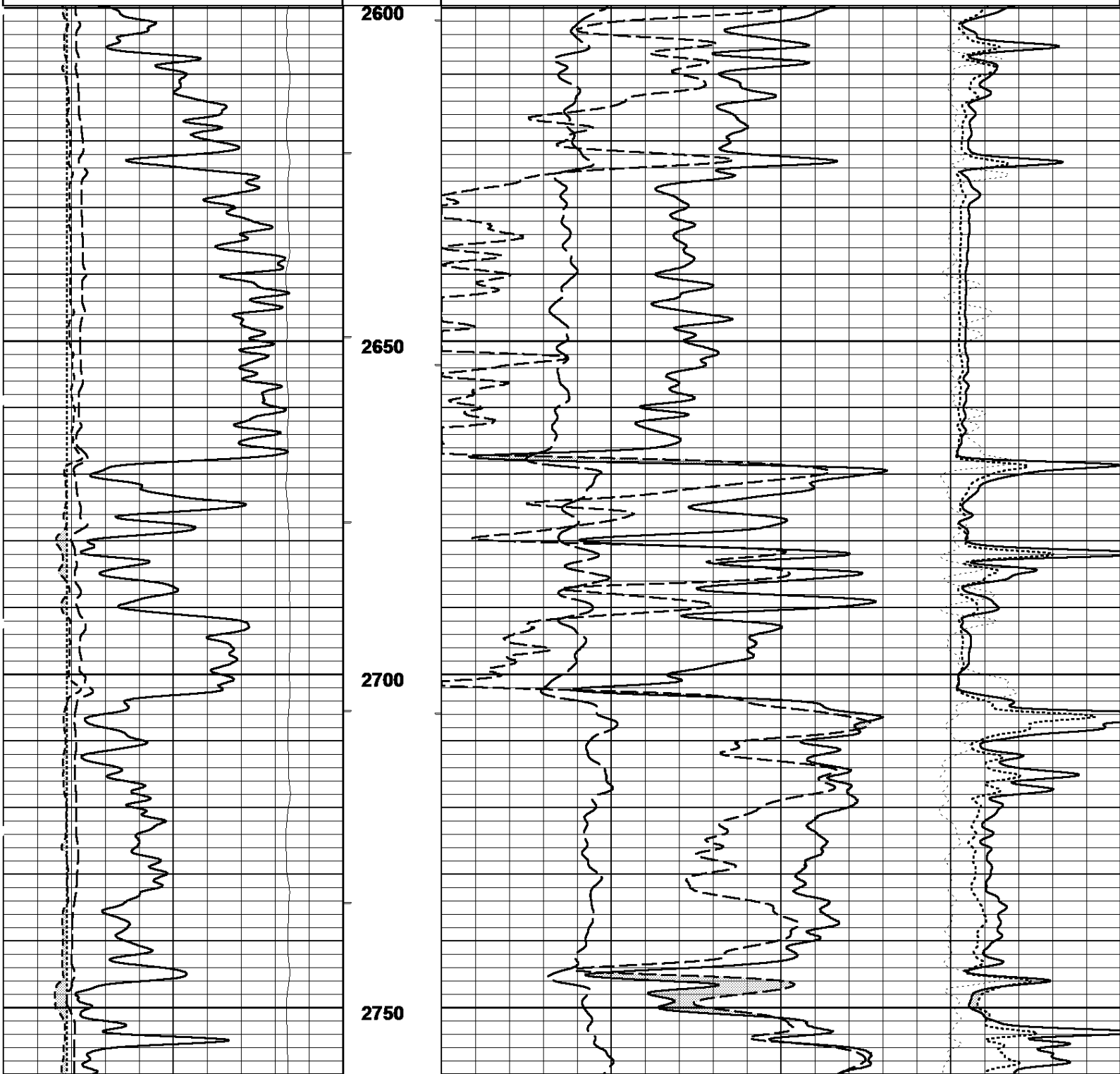


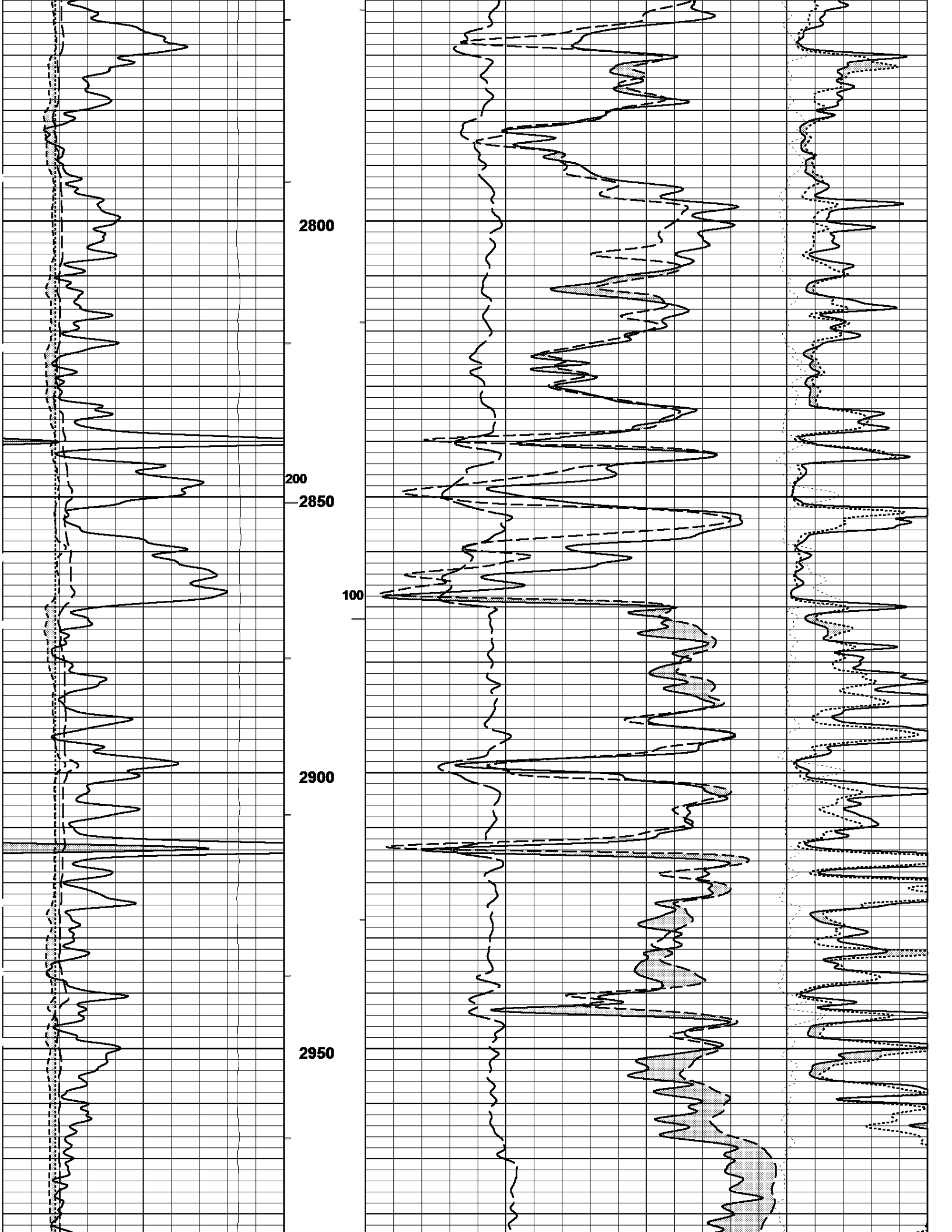
09/06/2015
15:45:33 => End Time

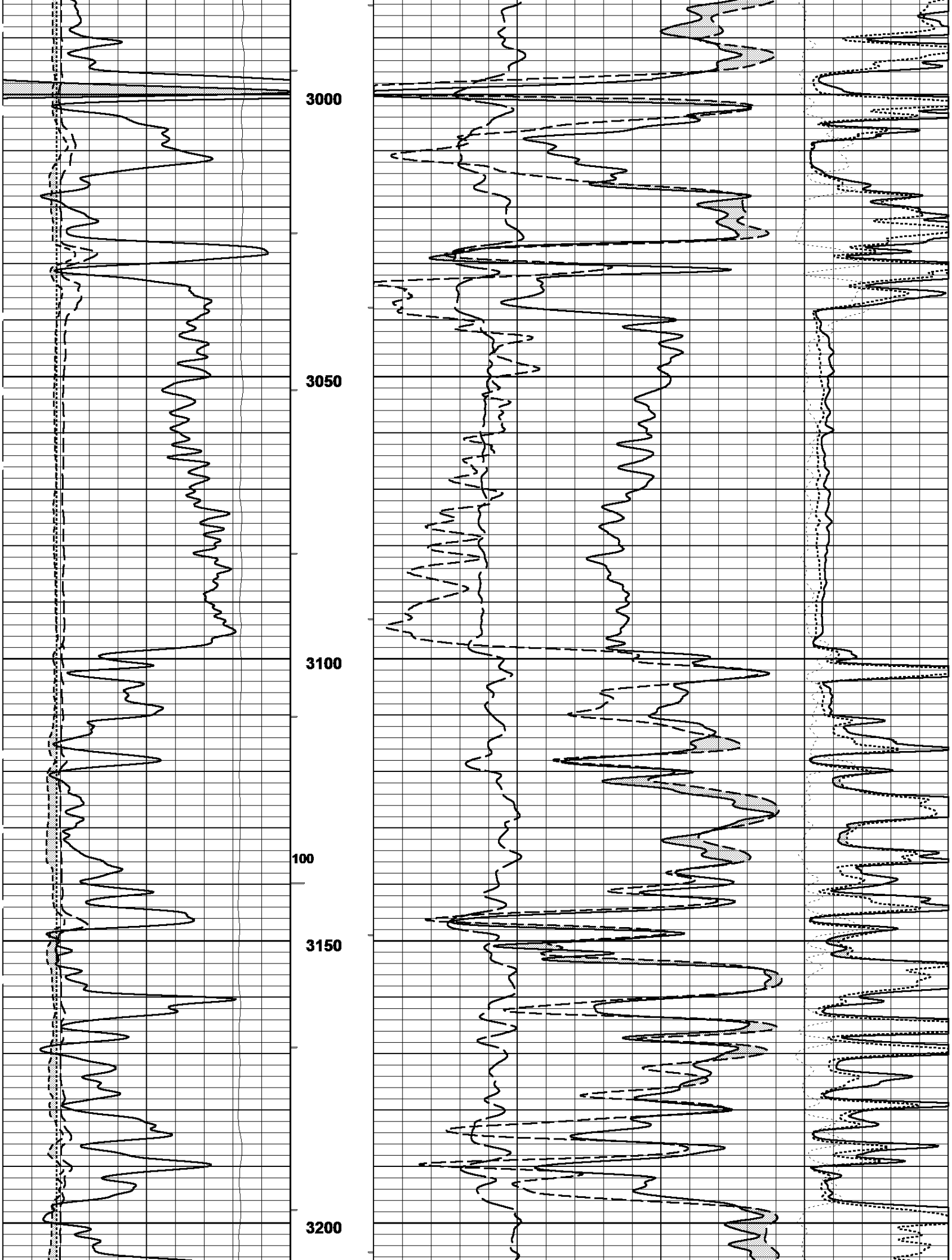
MAIN PASS - LIMESTONE (5"/100Ft)

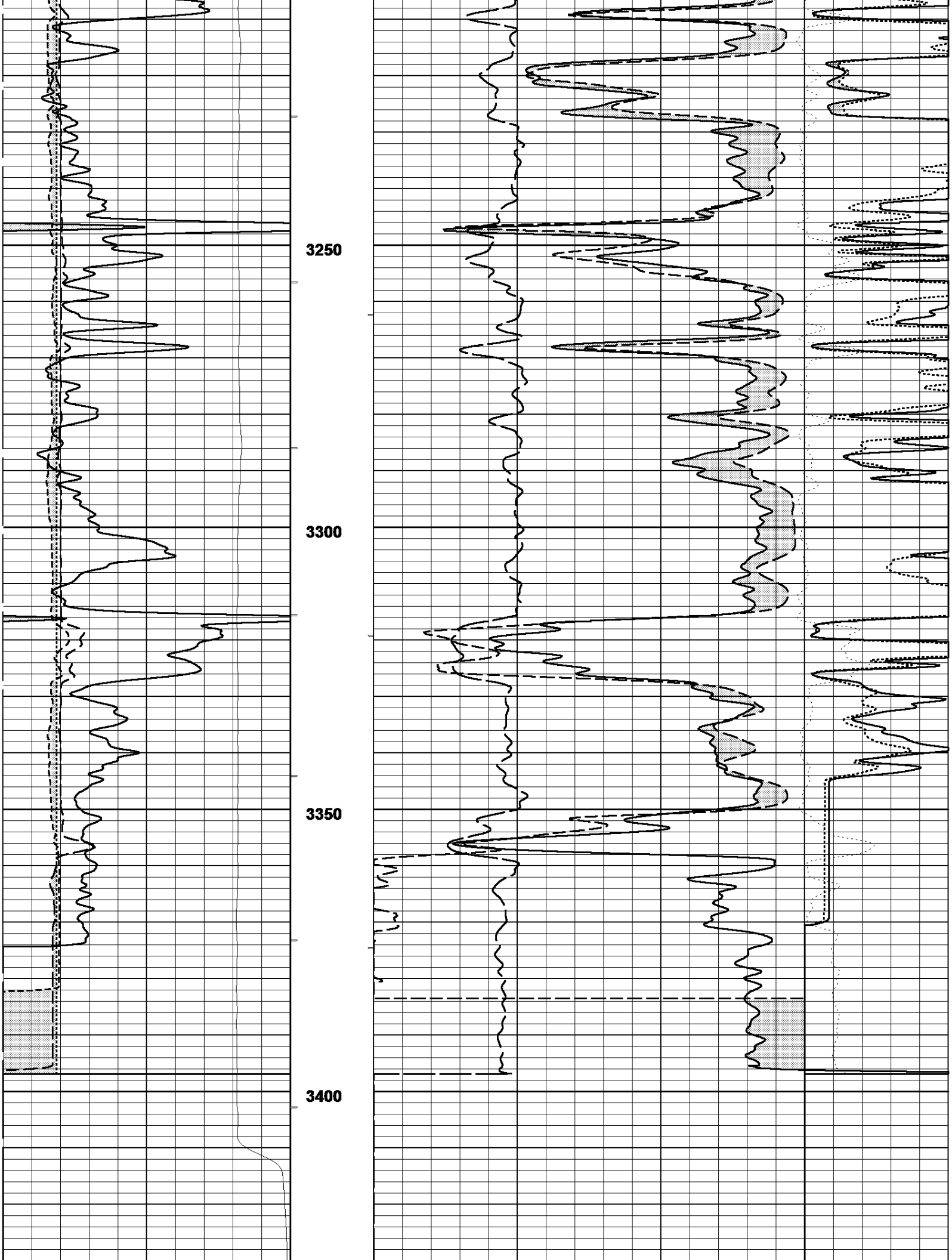
Log UP - (VER 11.27)
End Depth=> 2596.90 Feet

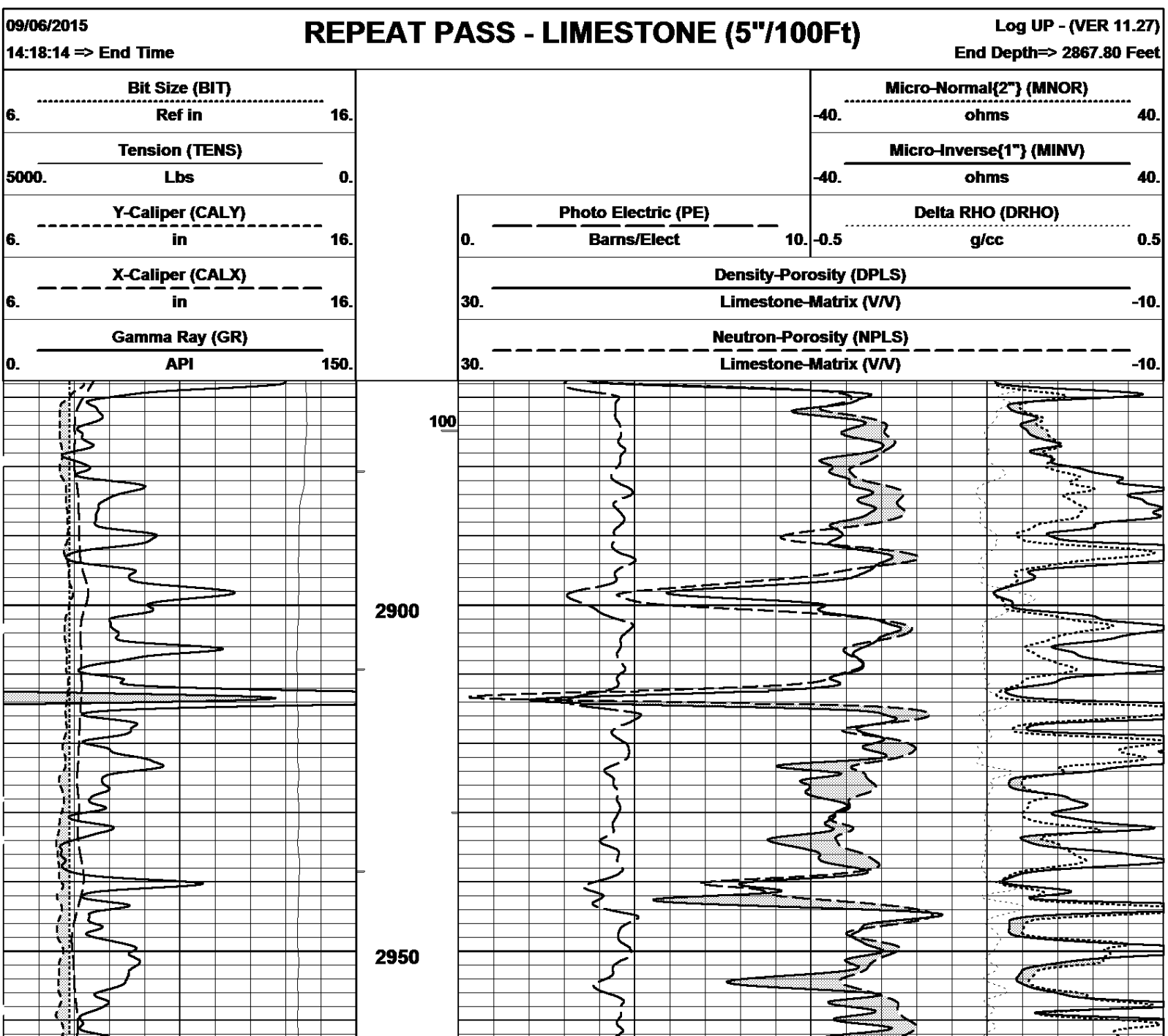
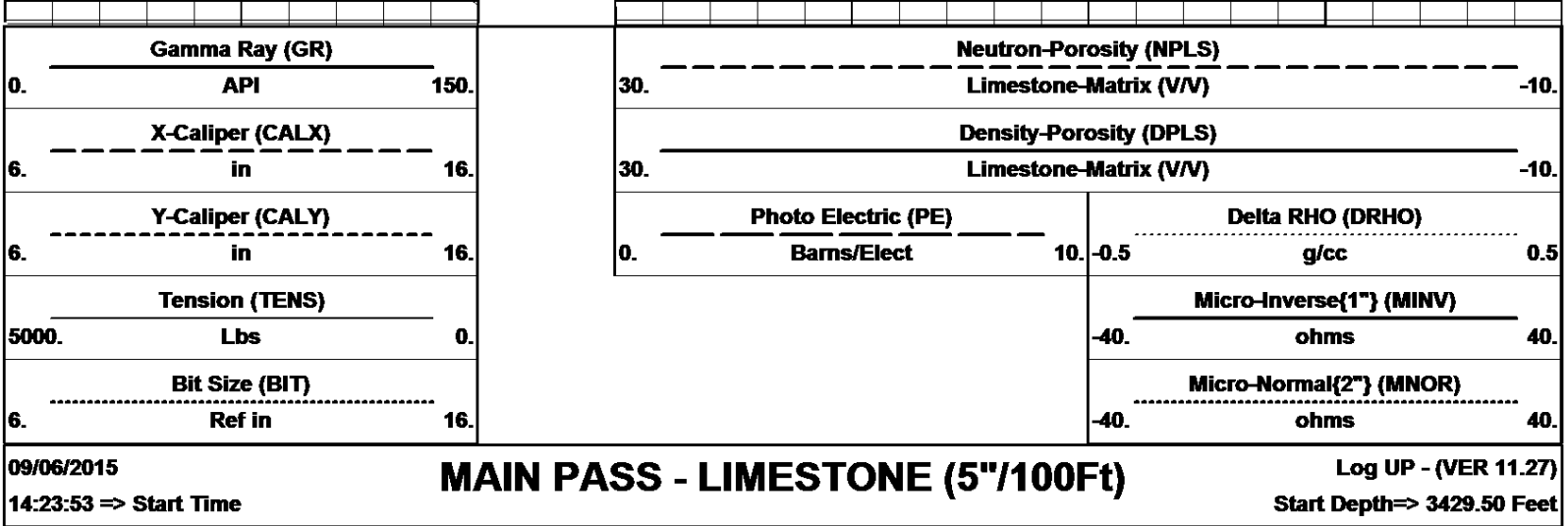
Bit Size (BIT)		Micro-Normal{2"} (MNOR)	
6.	Ref in	16.	-40. ohms 40.
Tension (TENS)		Micro-Inverse{1"} (MINV)	
5000.	Lbs	0.	-40. ohms 40.
Y-Caliper (CALY)		Delta RHO (DRHO)	
6.	in	16.	-0.5 g/cc 0.5
X-Caliper (CALX)		Density-Porosity (DPLS)	
6.	in	16.	30. Limestone-Matrix (V/V) -10.
Gamma Ray (GR)		Neutron-Porosity (NPLS)	
0.	API	150.	30. Limestone-Matrix (V/V) -10.

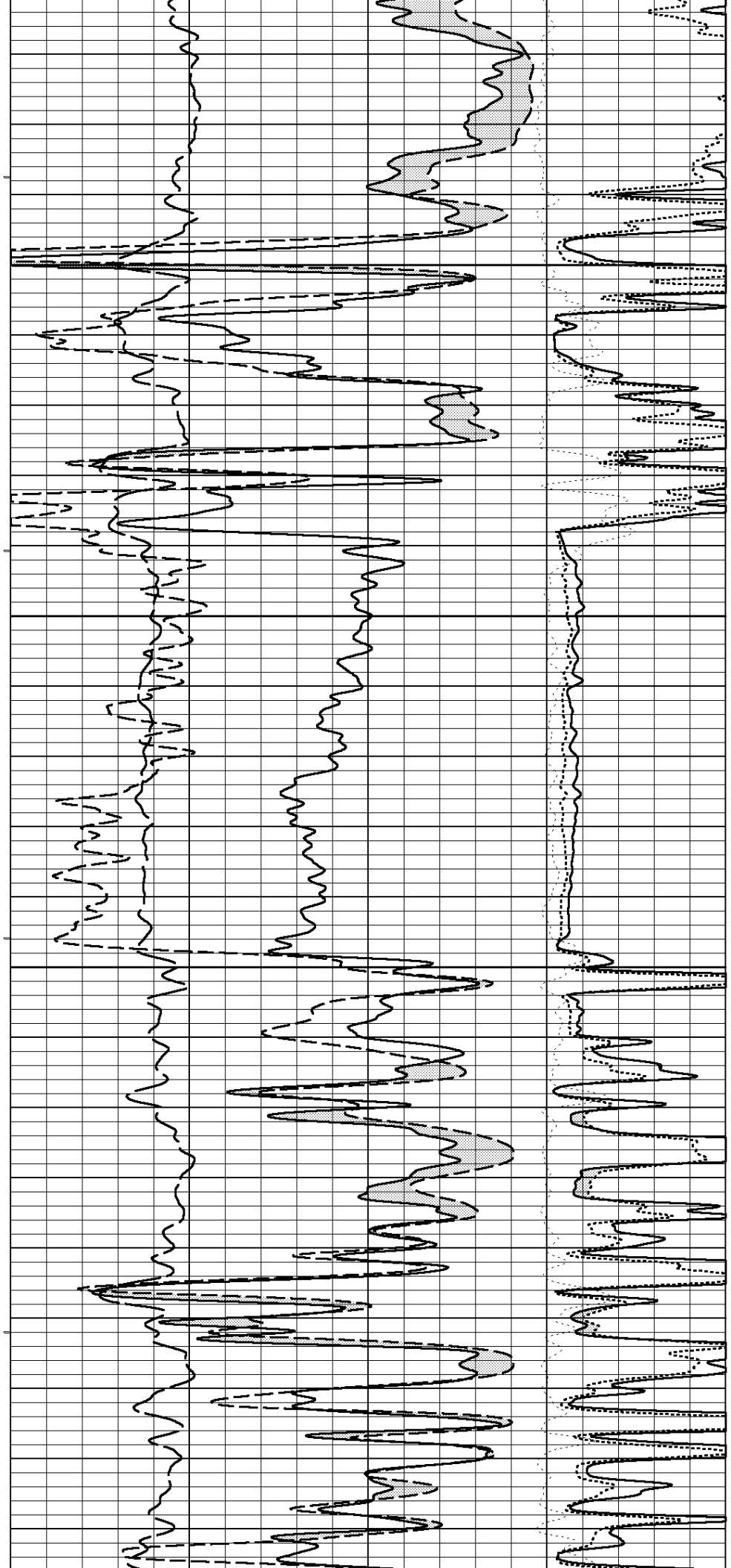
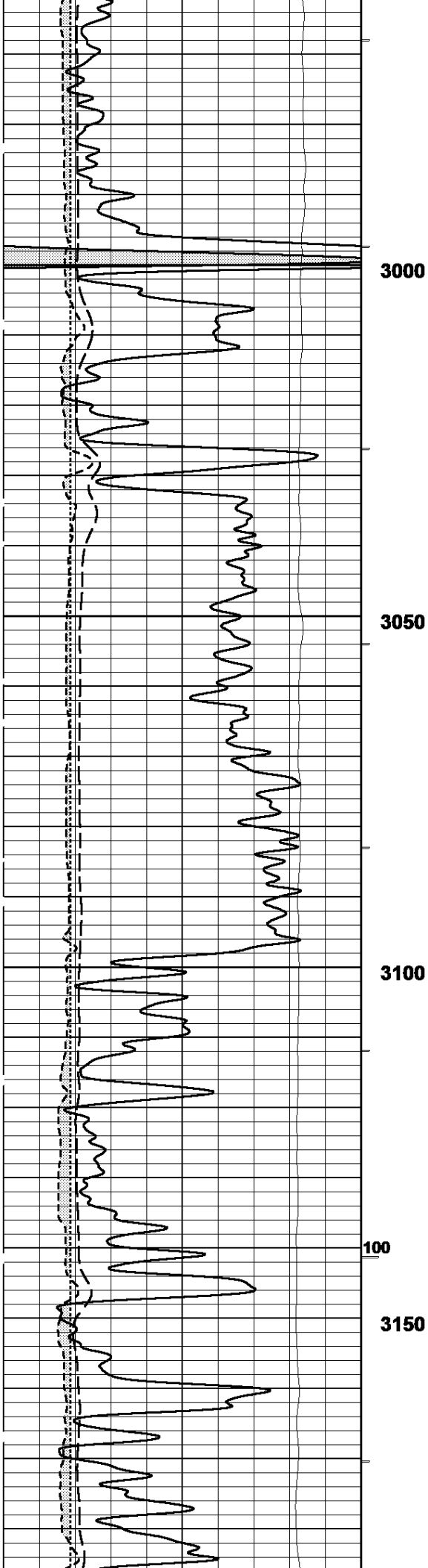


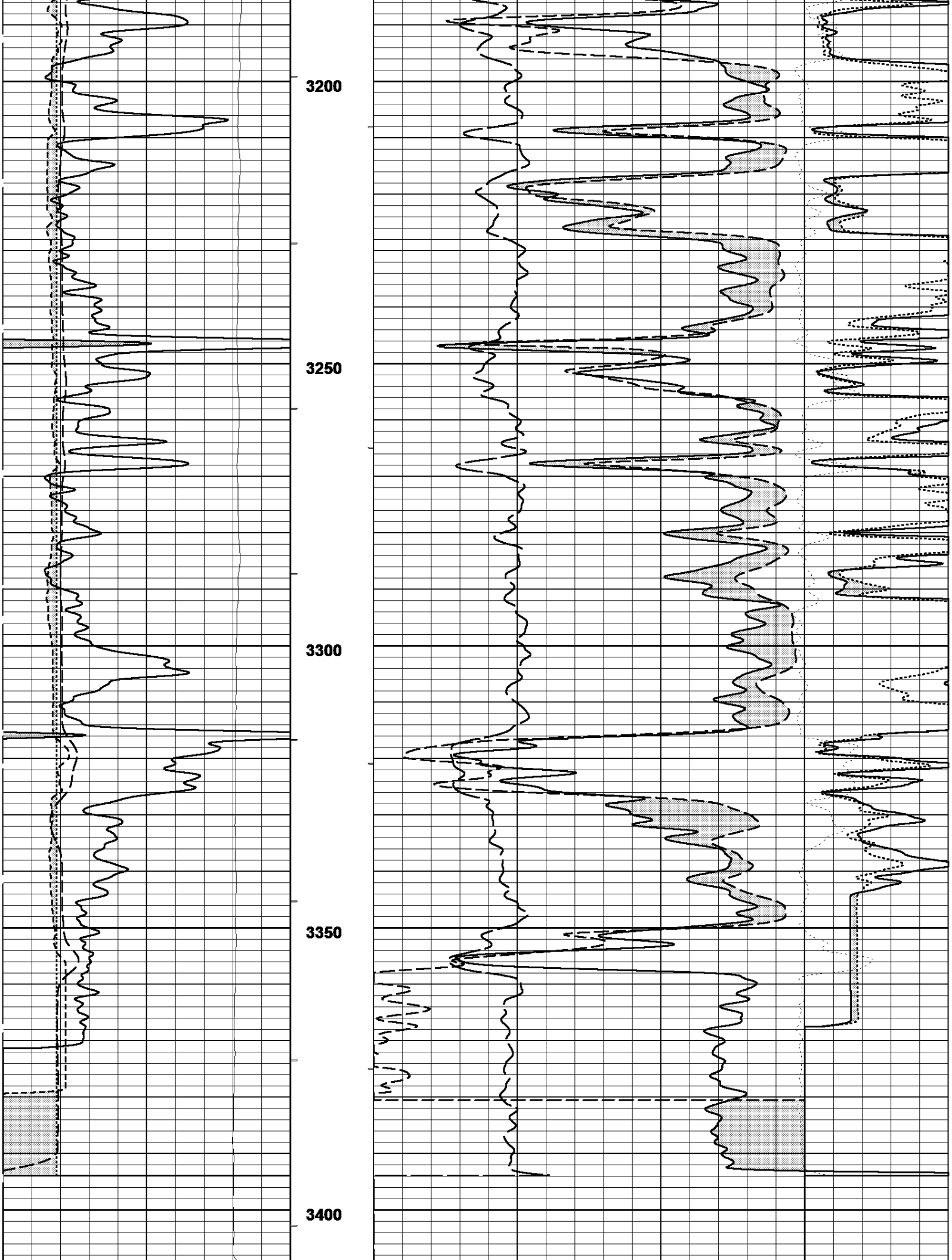


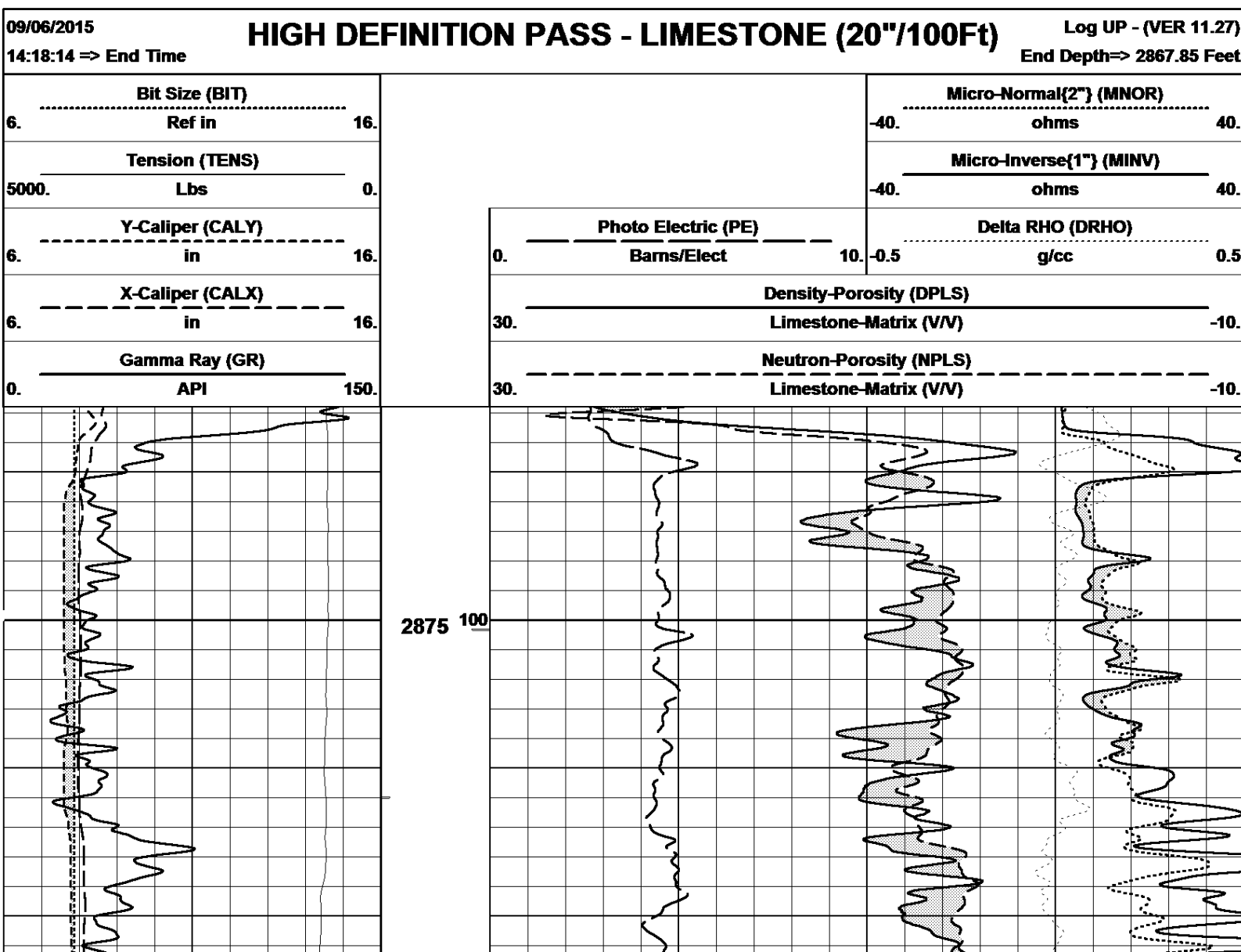
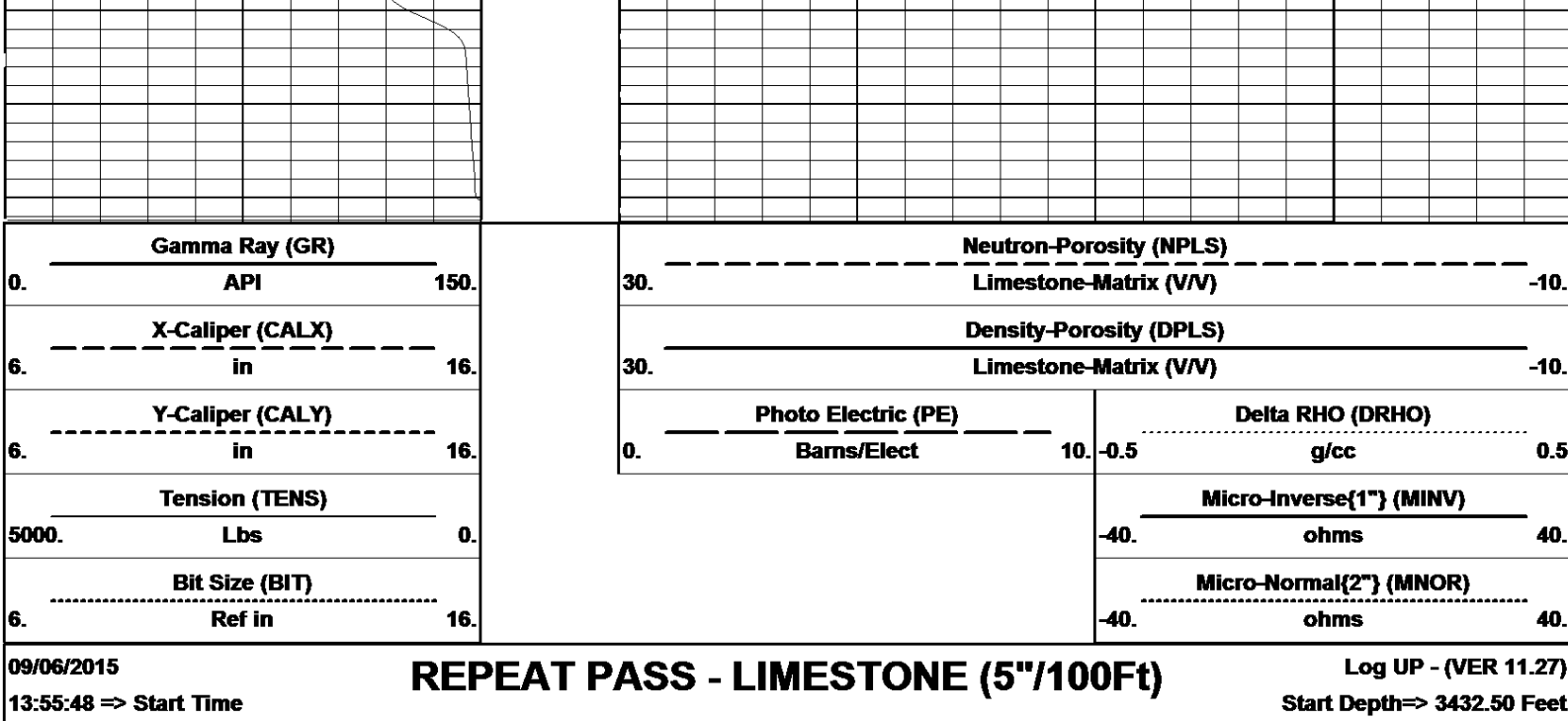


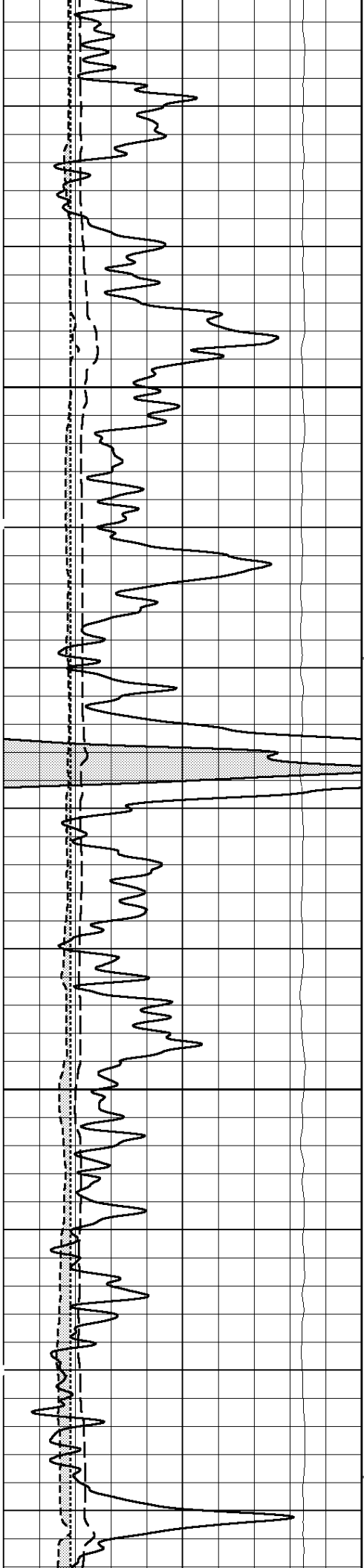






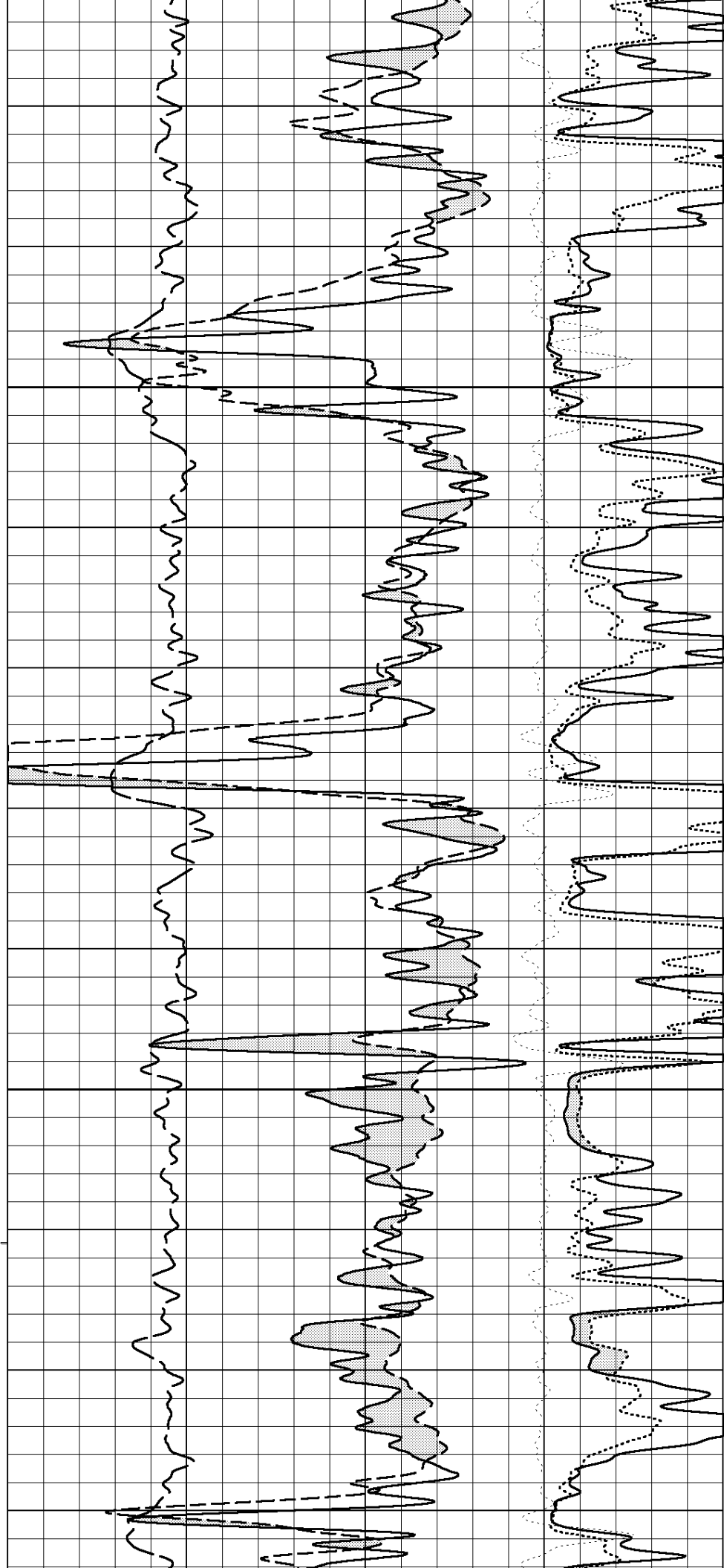


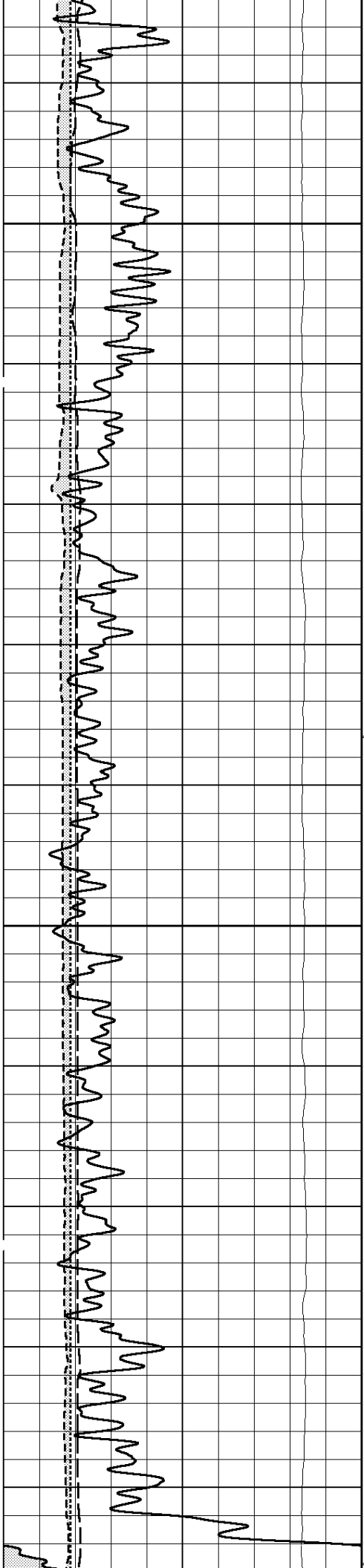




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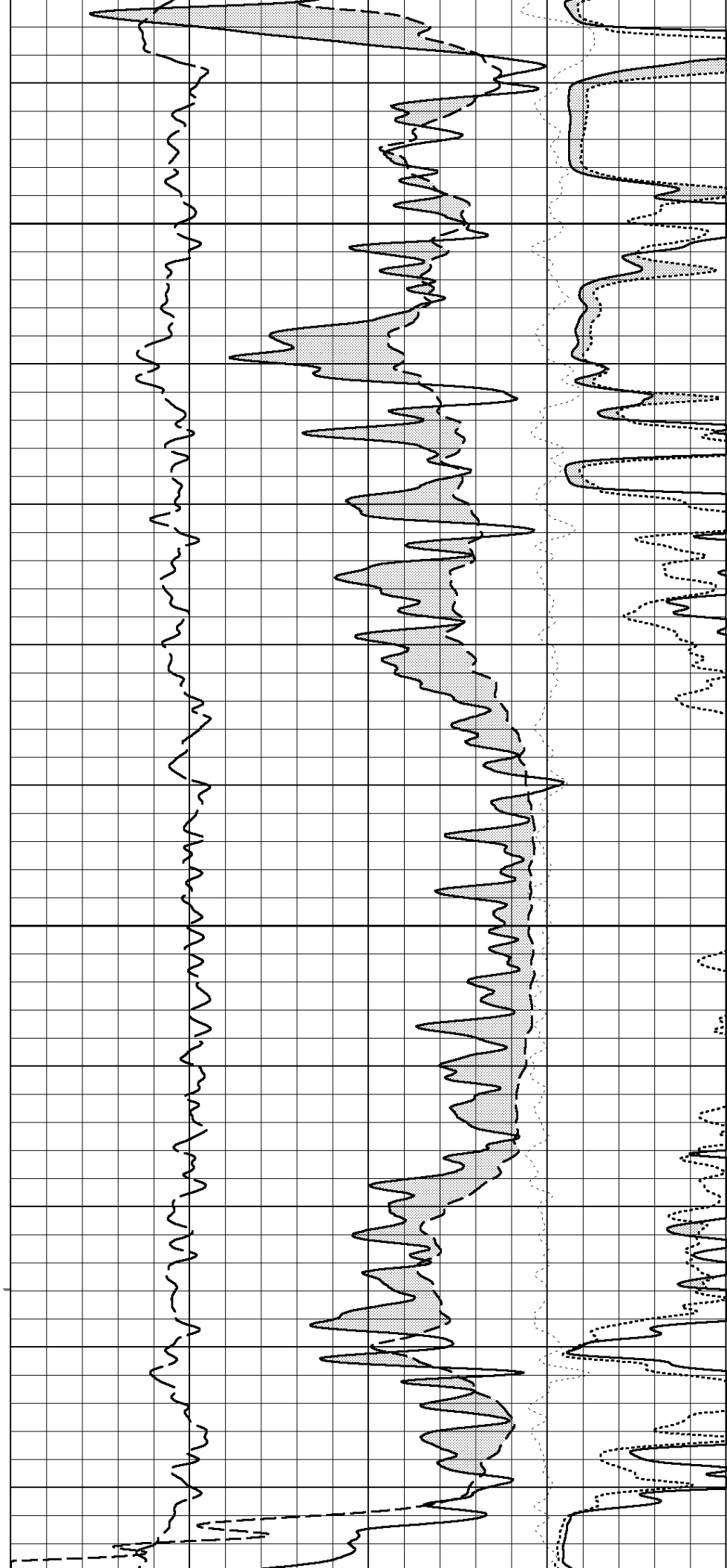
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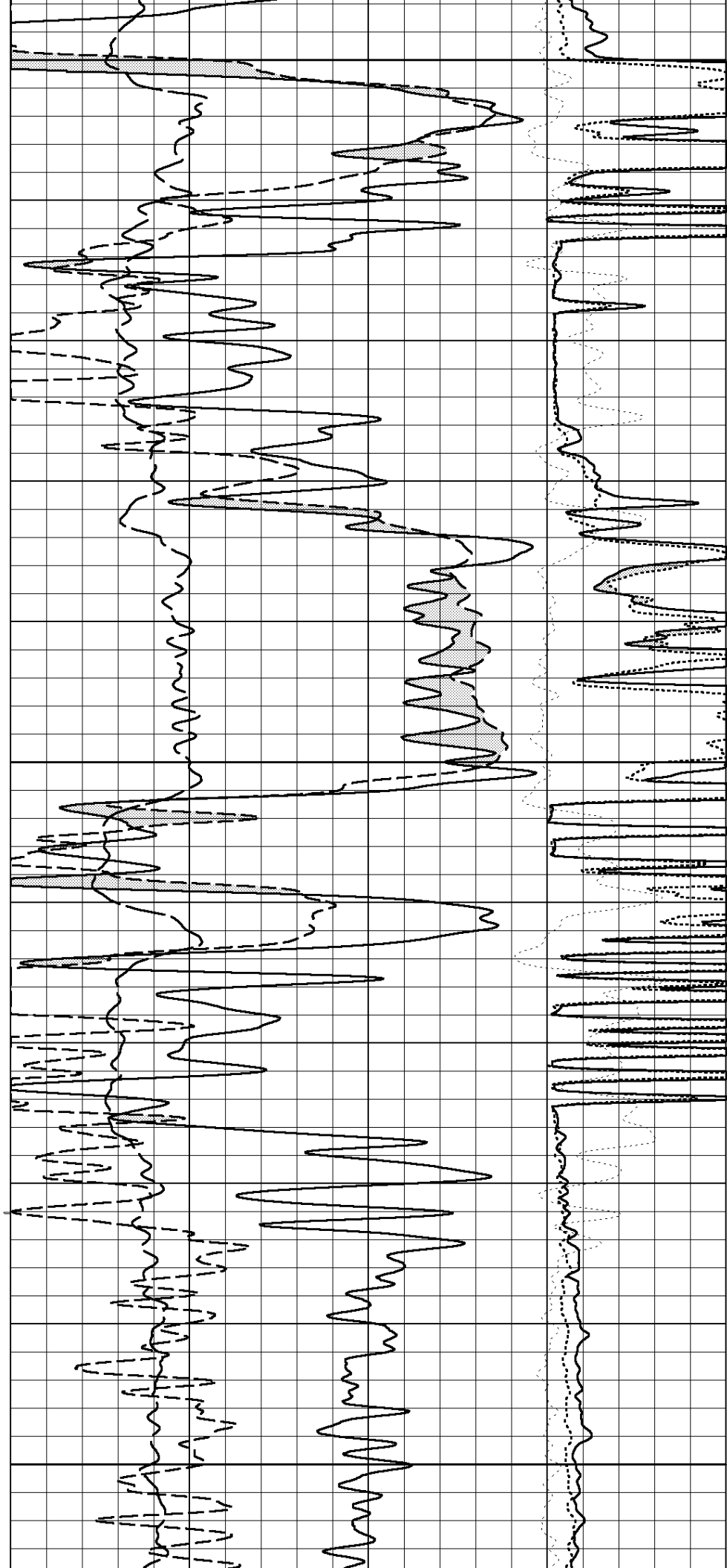
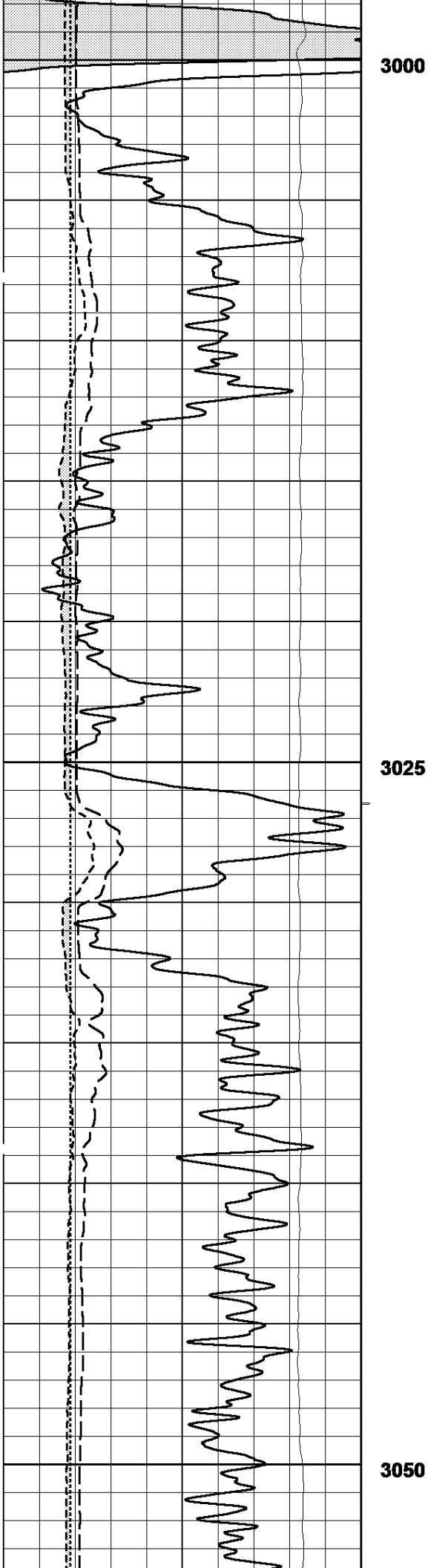




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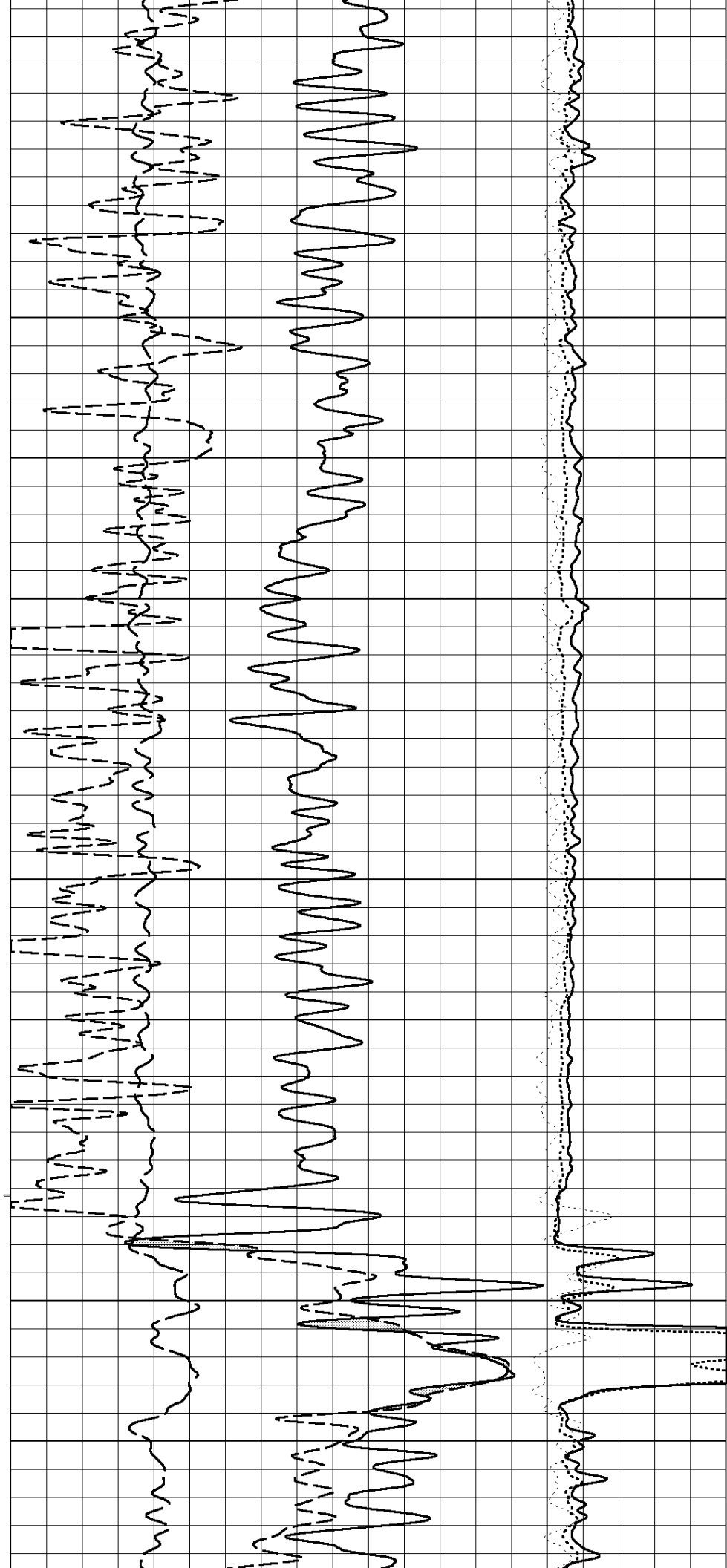
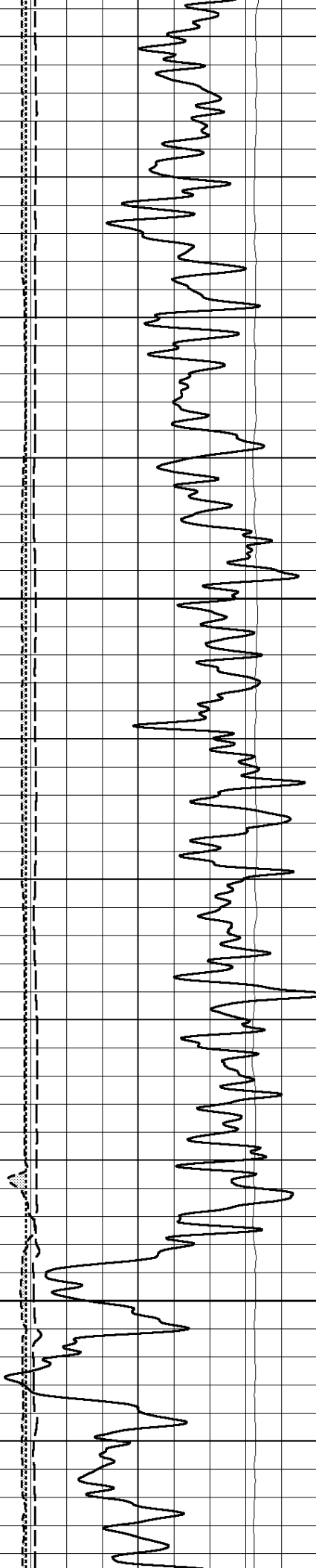
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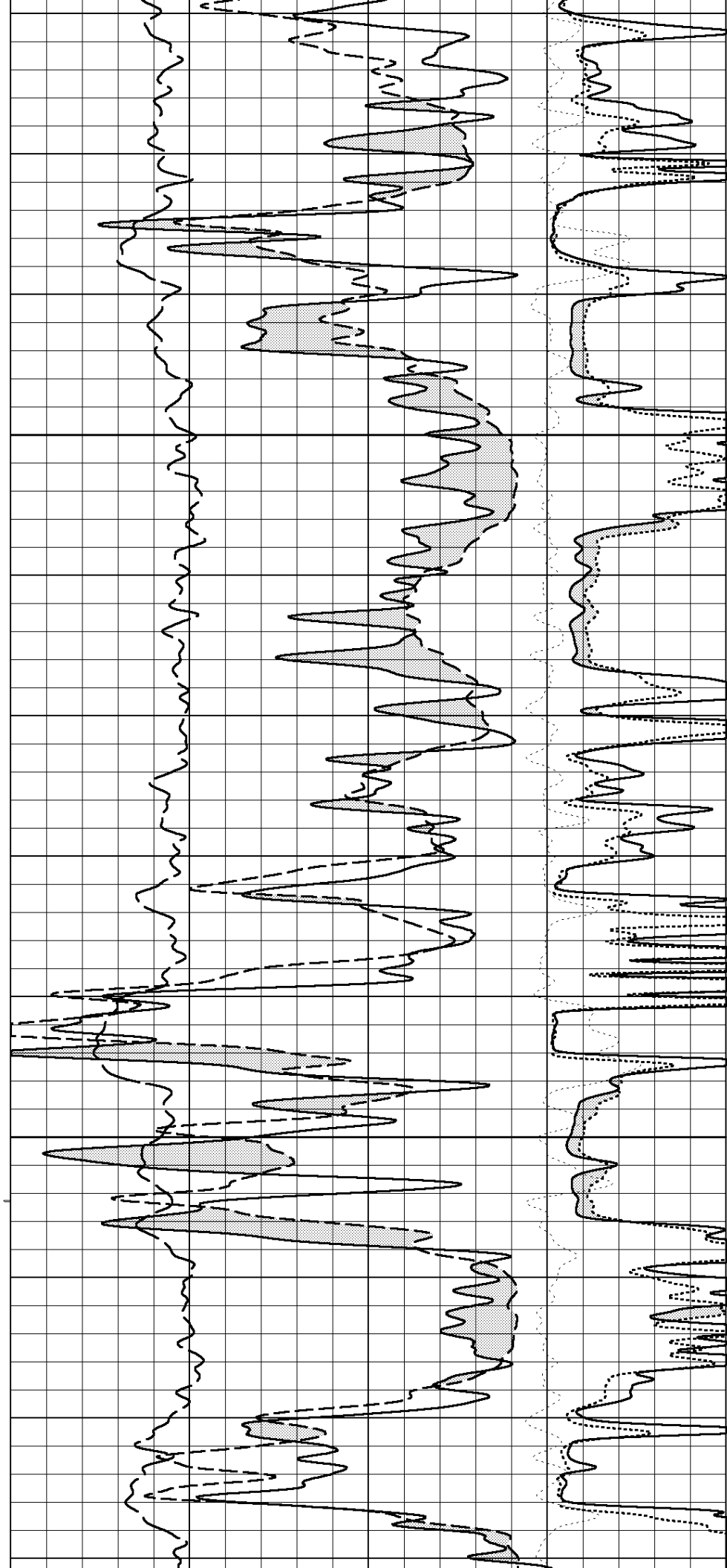
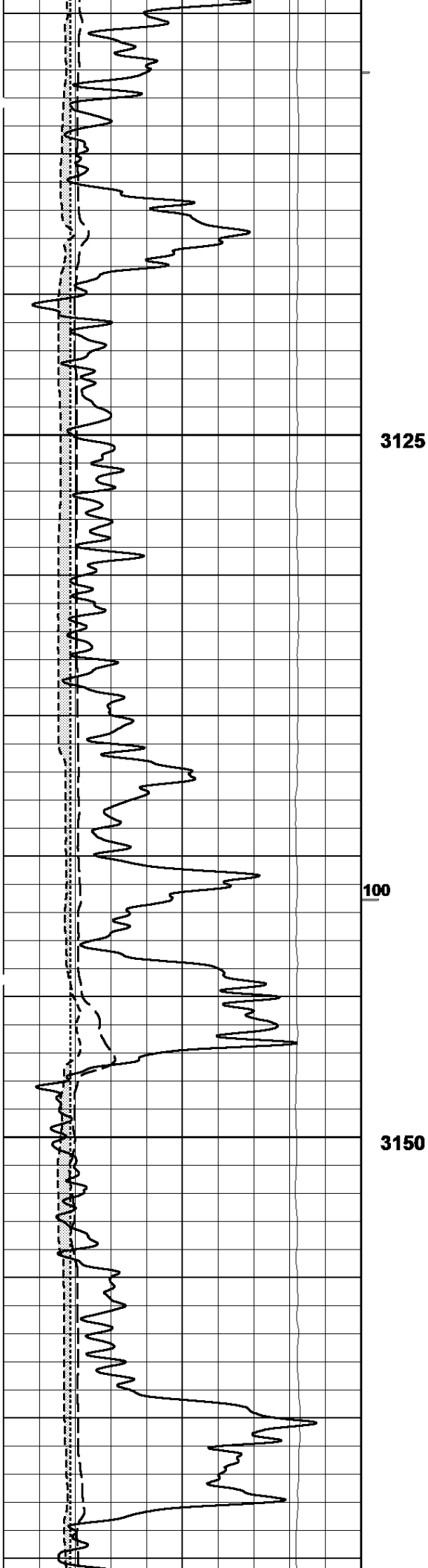


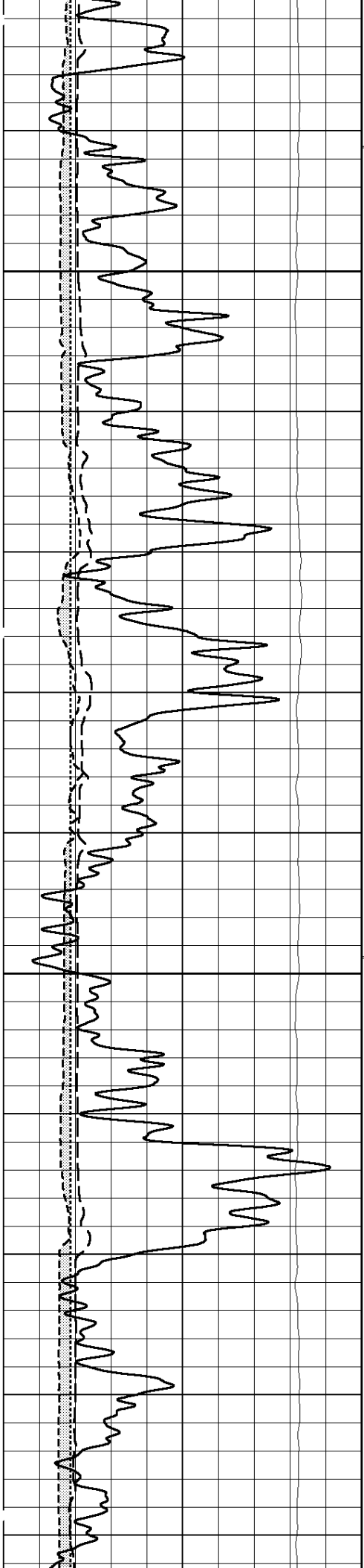


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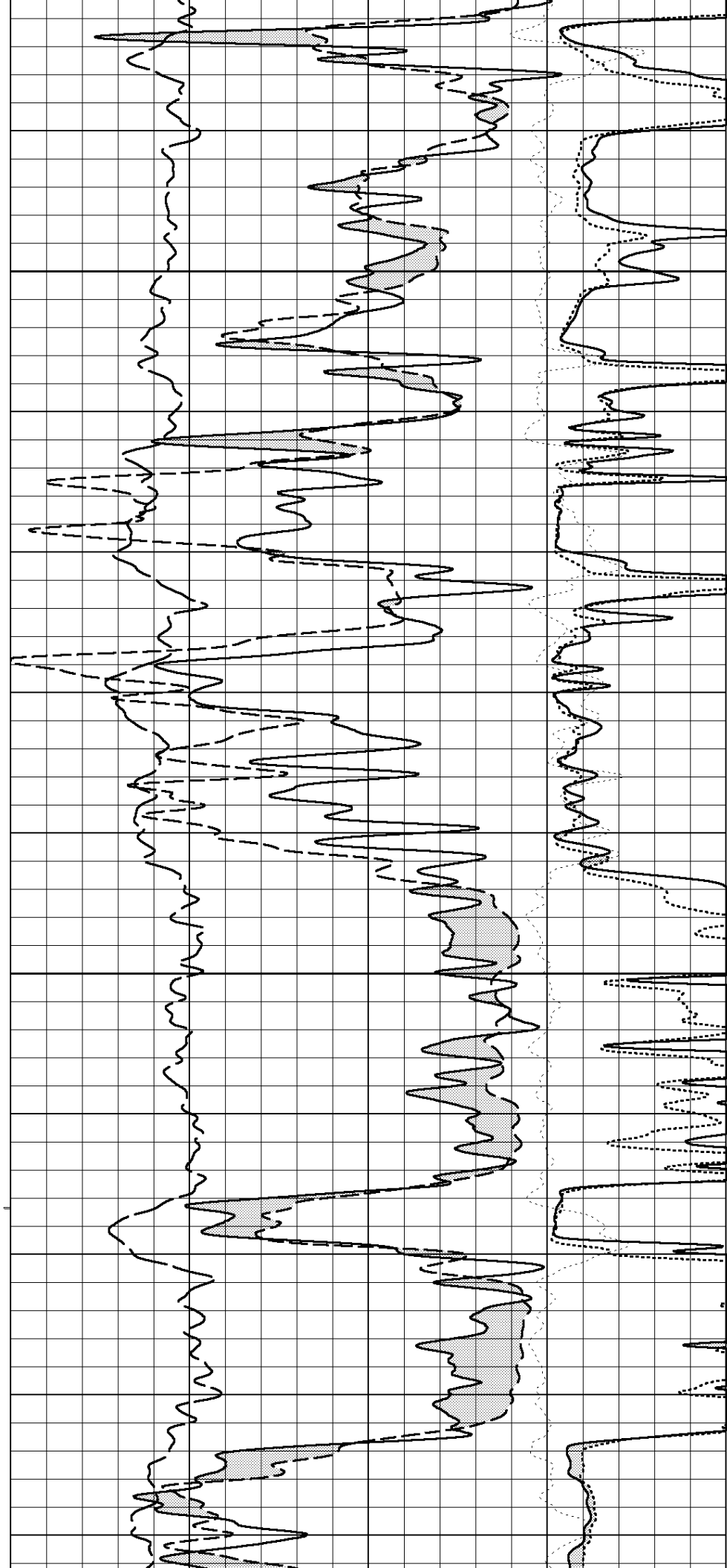


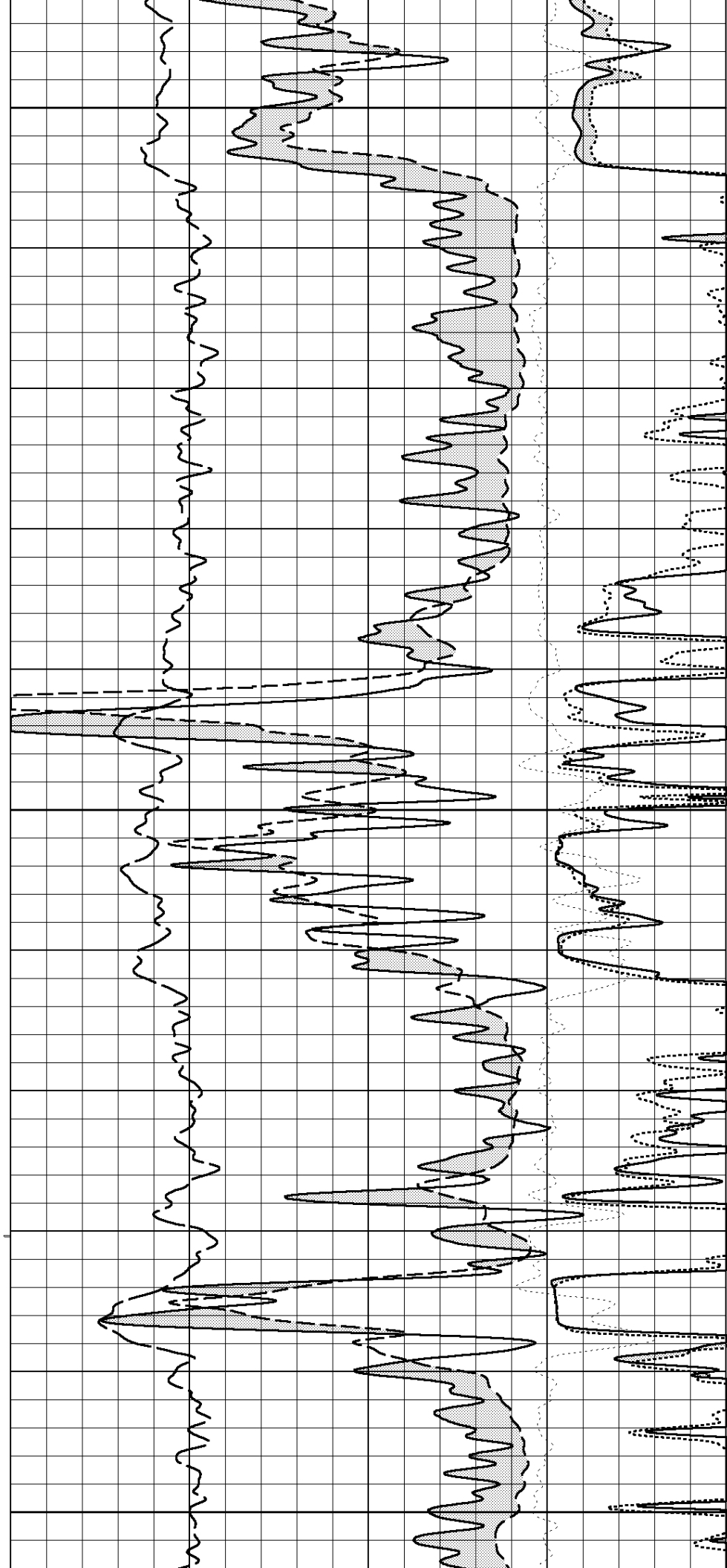
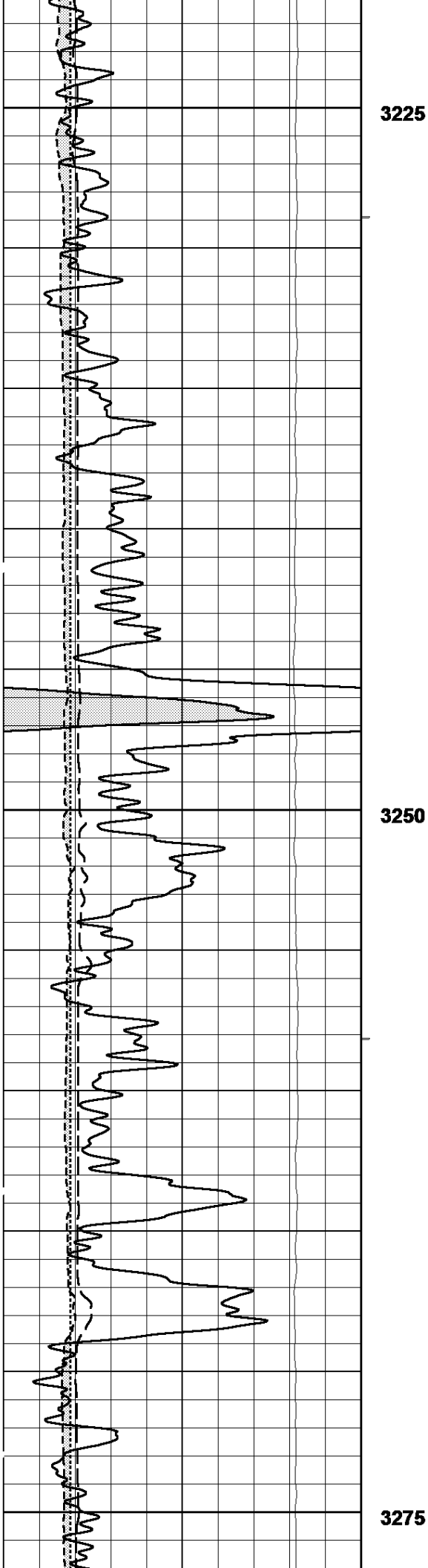


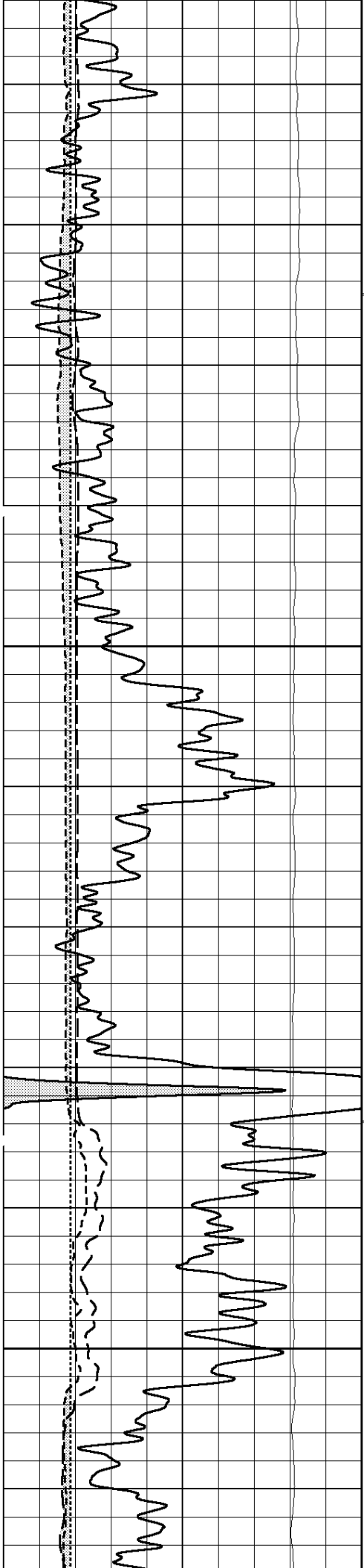


3175

3200

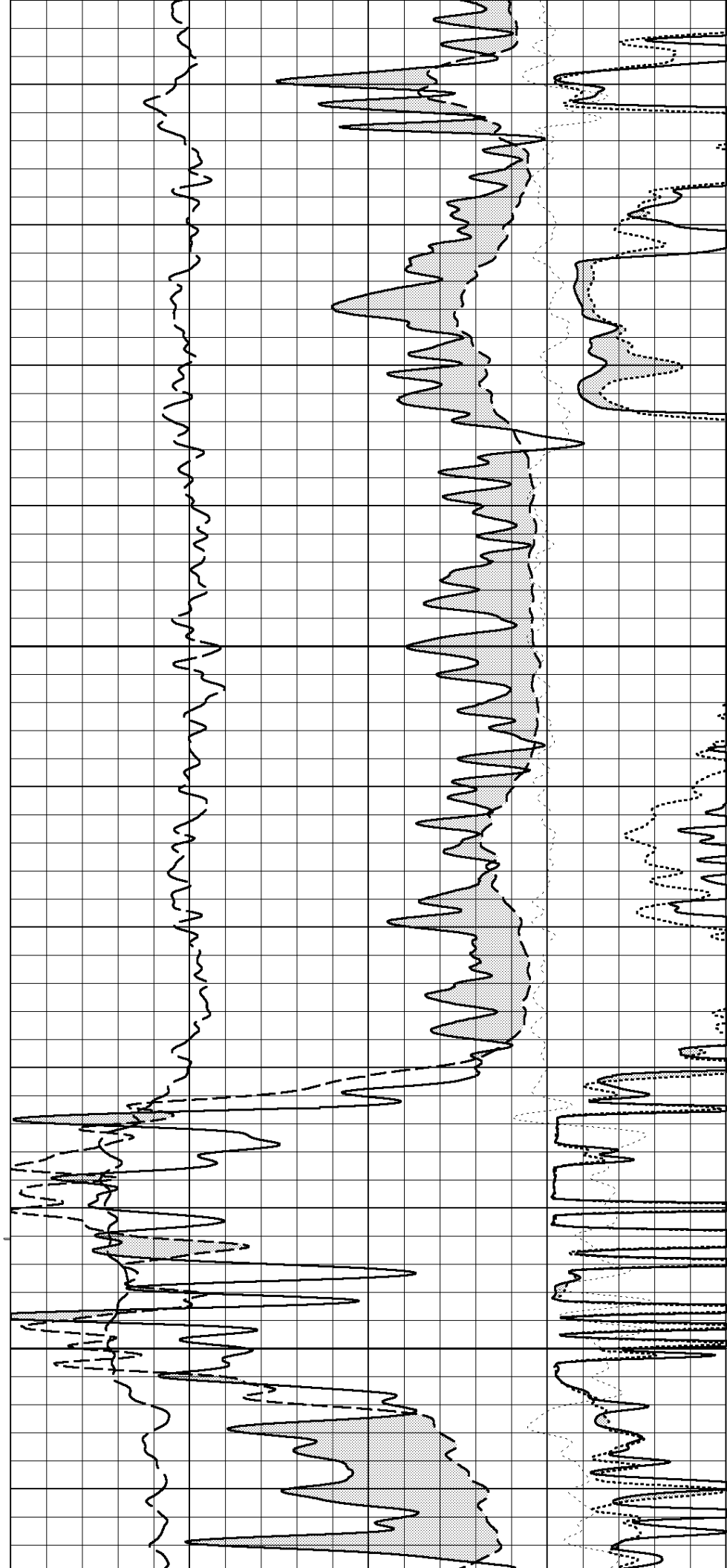


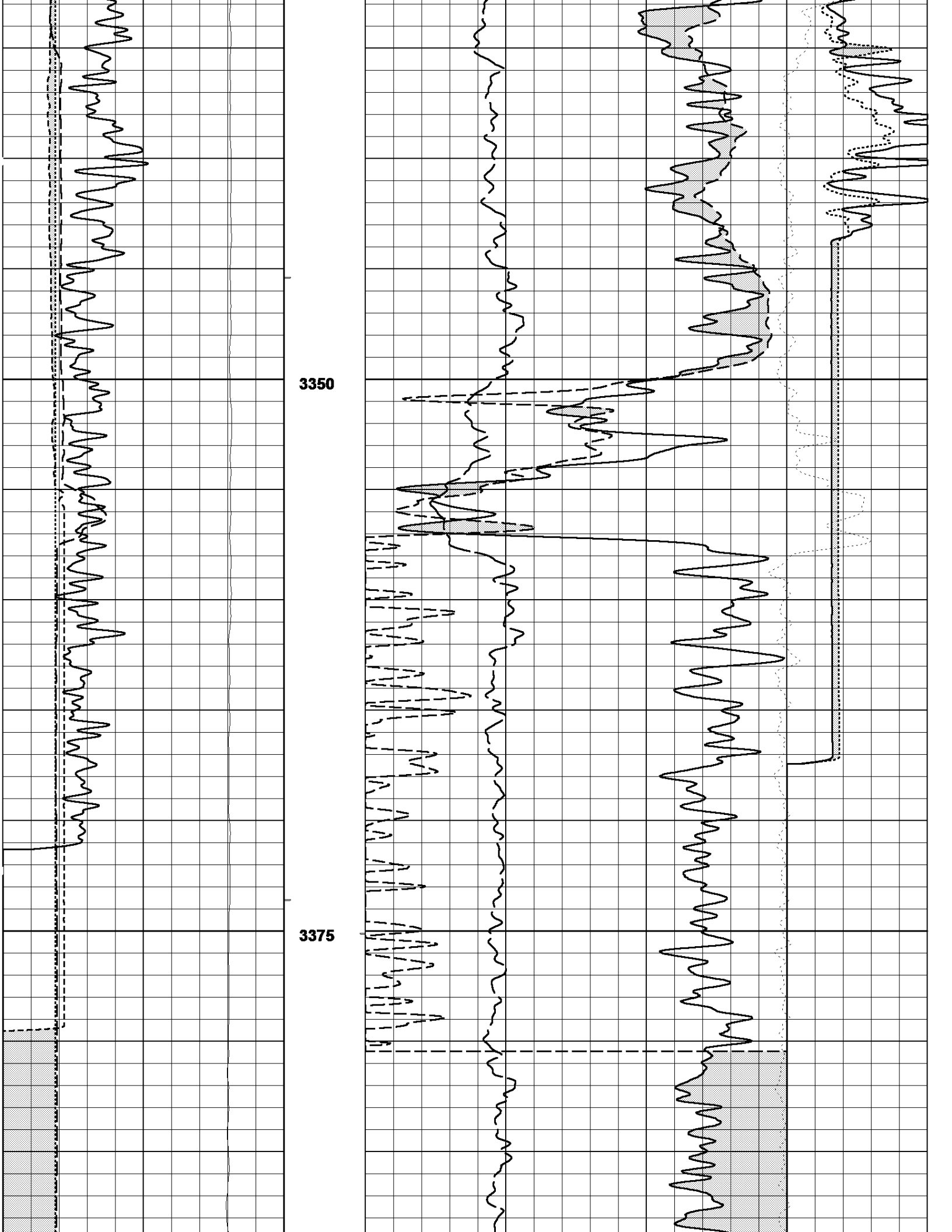


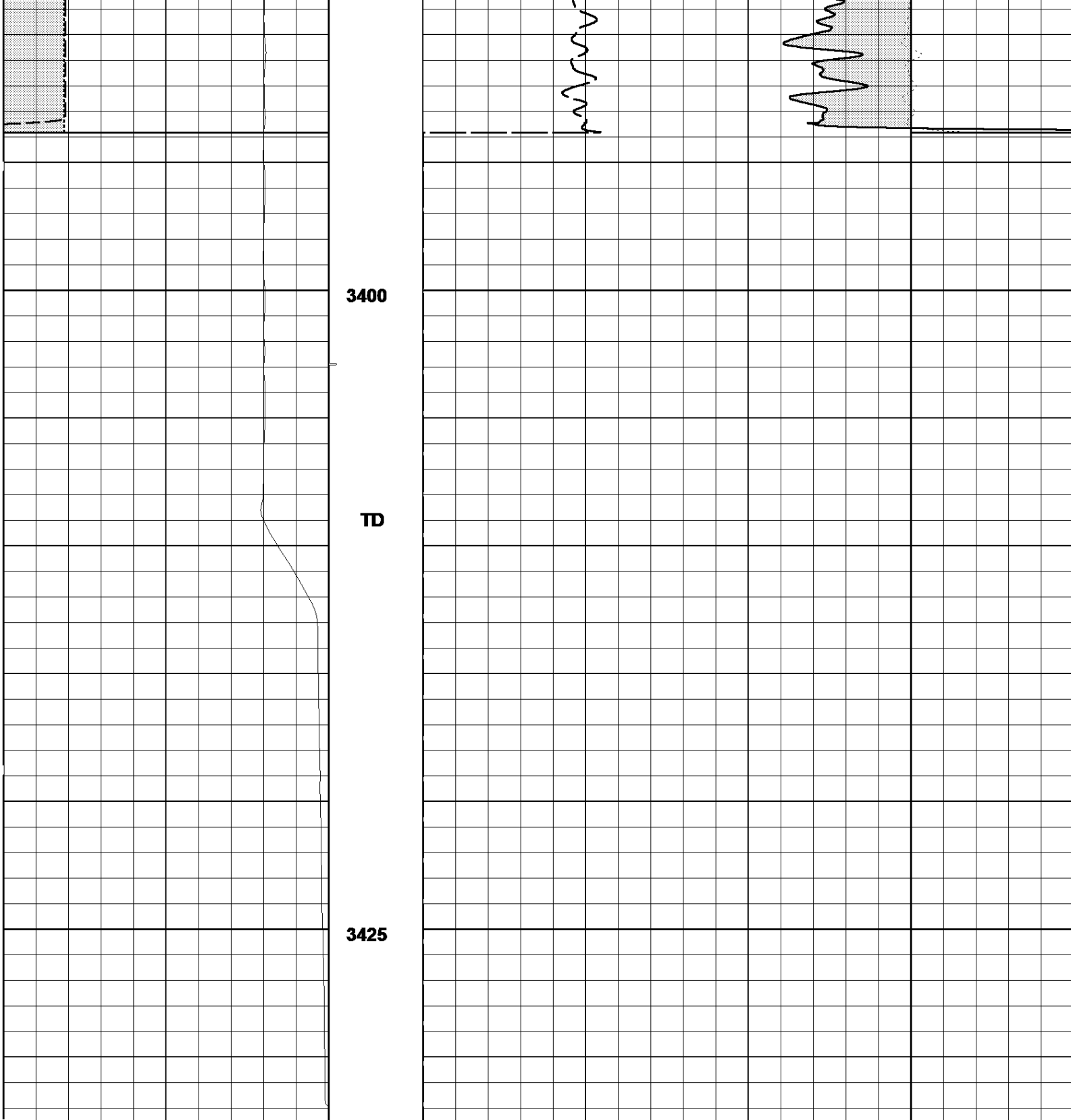


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3325



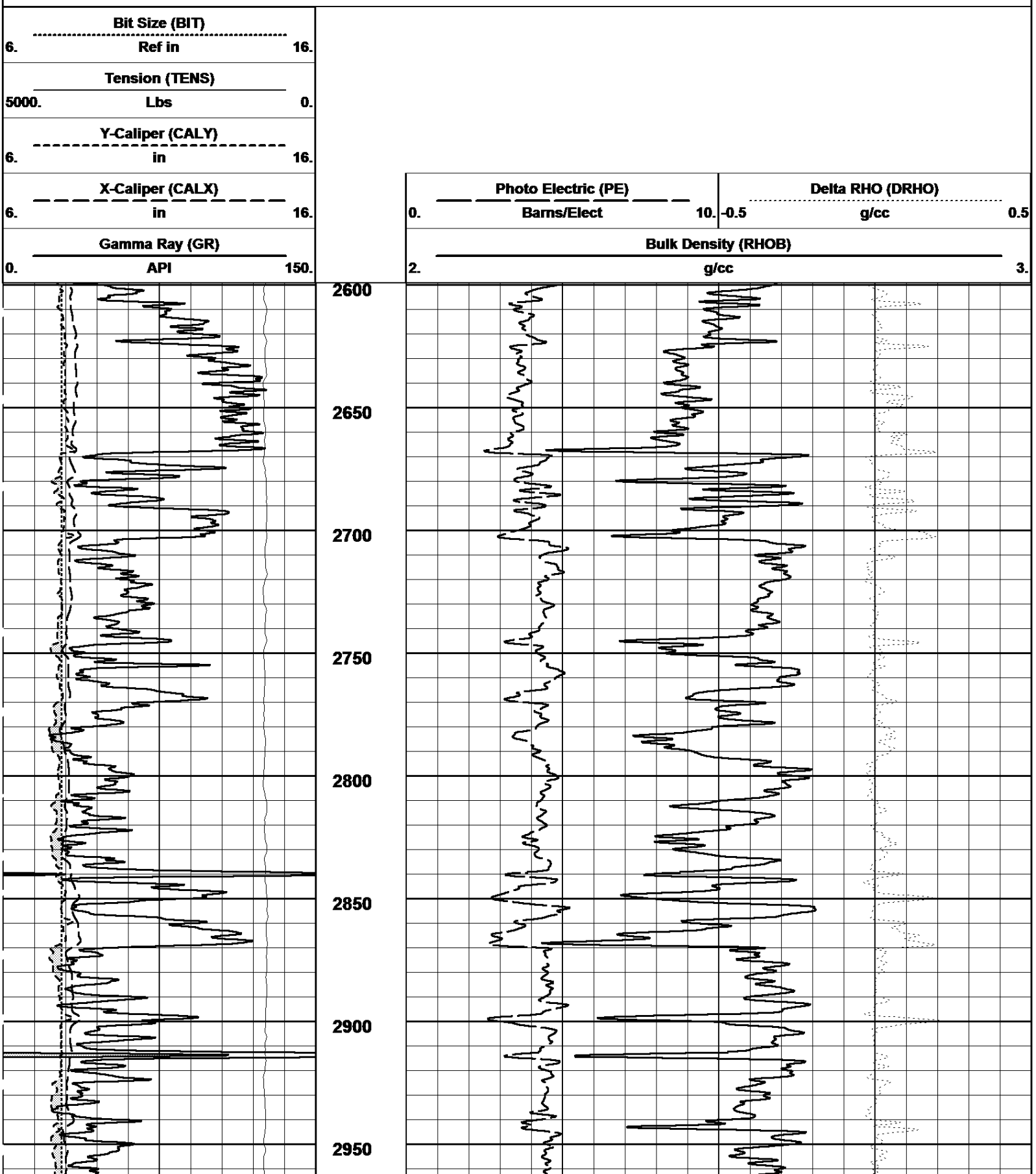


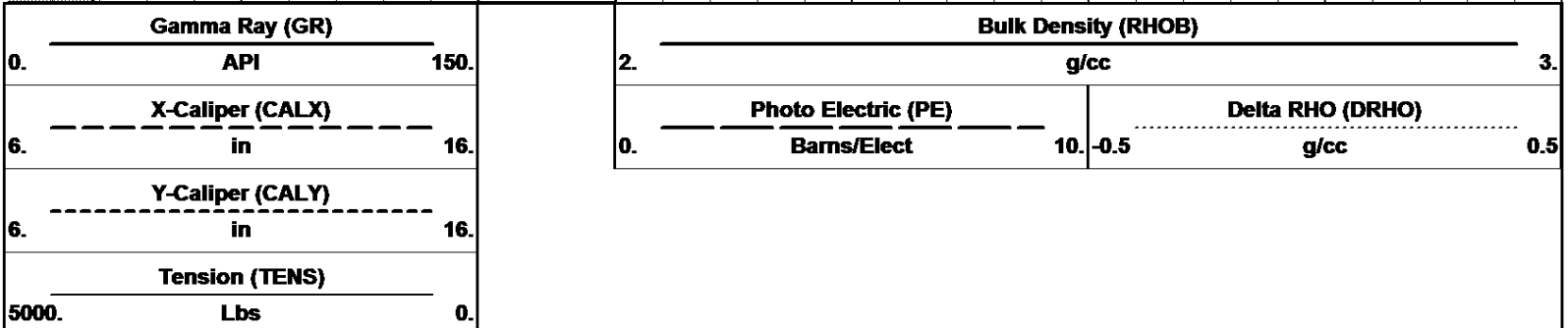
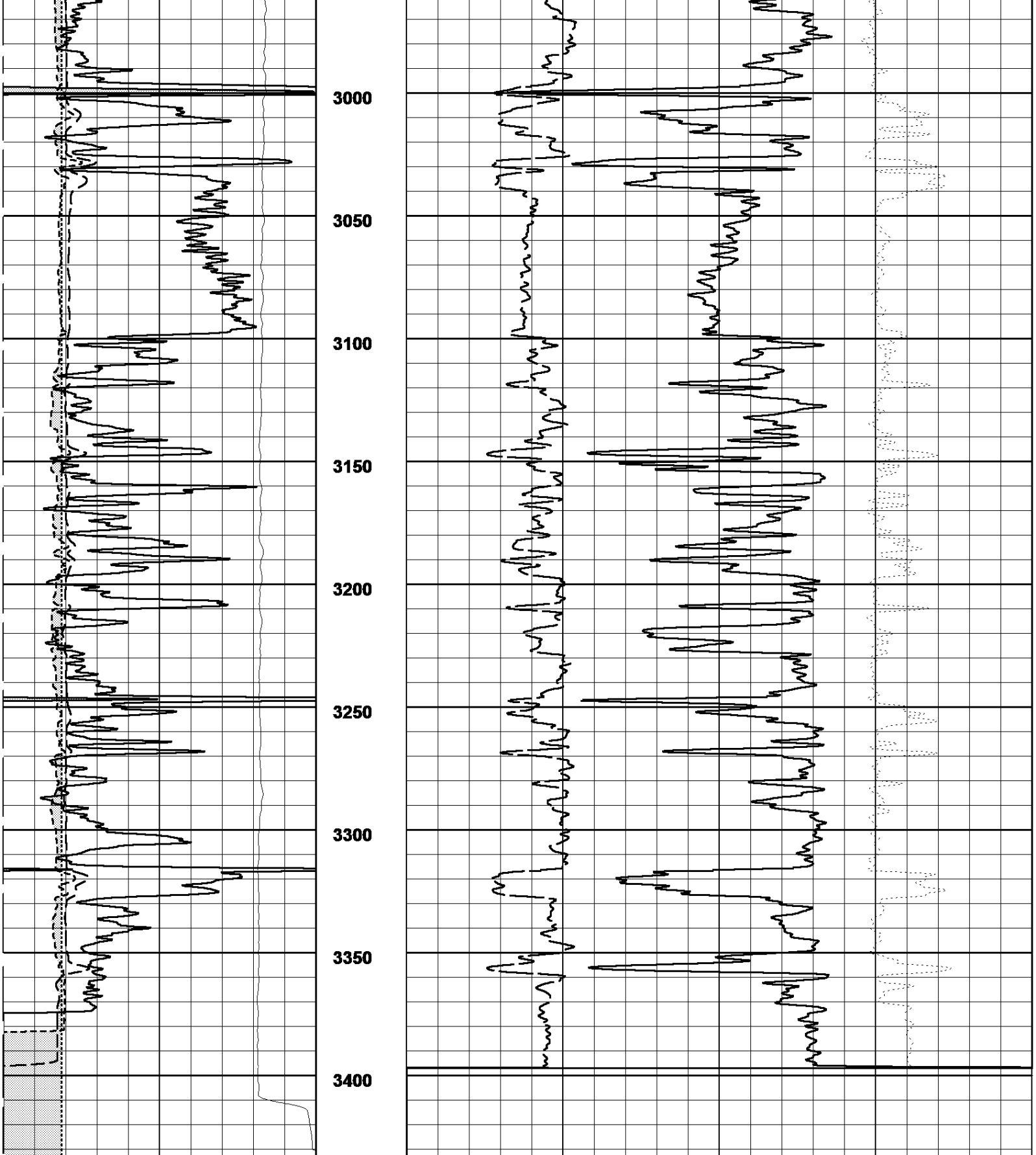


Gamma Ray (GR)			Neutron Porosity (NPLS)		
0.	API	150.	30.	Limestone Matrix (V/V)	-10.
X-Caliper (CALX)			Density Porosity (DPLS)		
6.	in	16.	30.	Limestone Matrix (V/V)	-10.
Y-Caliper (CALY)			Photo Electric (PE)		Delta RHO (DRHO)
6.	in	16.	0.	Barns/Elect	10.
Tension (TENS)					g/cc
5000.	Lbs	0.			0.5
Bit Size (BIT)					Micro-Inverse{1"} (MINV)
6.	Ref in	16.			-40.
					ohms
					40.
					Micro-Normal{2"} (MNOR)
					-40.
					ohms
					40.

Start Depth=> 3432.50 Feet

End Depth=> 2596.75 Feet





GAMMA RAY CALIBRATION	

SERIAL NUM BLANKET NUM	RG3007				
	1A				
MASTER CALIBRATIONS					
	BackGrnd	CalVal: 175.000 API	Gain/Offset	CALIBRATION DATE	CALIBRATION TIME
BASE CALS	31.235 - raw	207.385 - raw	0.993 - gain 0.000 - off	M/D/Y> 8/6/2015	H:M:S> 12:41:47

X CALIPER					
SERIAL NUM		RL4102			
MASTER CALIBRATIONS					
	ZeroVal: 6.000 in	CalVal: 10.000 in	Gain/Offset	CALIBRATION DATE	CALIBRATION TIME
BASE CALS	1484.285 - raw	3485.268 - raw	0.002 - gain 3.033 - off	M/D/Y> 8/31/2015	H:M:S> 22:14:32

Y CALIPER CALIBRATIONS					
SERIAL NUM	RN2016				
MASTER CALIBRATIONS					
	ZeroVal: 6.000 IN	CalVal: 10.000 IN	Gain/Offset	CALIBRATION DATE	CALIBRATION TIME
BASE CALS	850.111 - raw	1578.062 - raw	0.005 - gain 1.329 - off	M/D/Y> 8/6/2015	H:M:S> 13:25:17

MICRO INVERSE CALIBRATIONS					
SERIAL NUM	RM8002				
MASTER CALIBRATIONS					
	ZeroVal: 0.020 ohmm	CalVal: 10.000 ohmm	Gain/Offset	CALIBRATION DATE	CALIBRATION TIME
BASE CALS	17.384 - raw	260.471 - raw	0.041 - gain -0.694 - off	M/D/Y> 7/25/2015	H:M:S> 15:46:10

MICRO NORMAL CALIBRATIONS					
SERIAL NUM	RM8002				
MASTER CALIBRATIONS					
	ZeroVal: 0.020 ohmm	CalVal: 10.000 ohmm	Gain/Offset	CALIBRATION DATE	CALIBRATION TIME
BASE CALS	18.853 - raw	385.799 - raw	0.027 - gain -0.493 - off	M/D/Y> 7/25/2015	H:M:S> 15:51:11

MICRO CALIPER CALIBRATIONS					
SERIAL NUM	RM8002				

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MASTER CALIBRATIONS

	ZeroVal: 6.000 In	CalVal: 10.000 In	Gain/Offset	CALIBRATION DATE	CALIBRATION TIME
BASE CALS	2066.548 - raw	4112.003 - raw	0.002 - gain 1.959 - off	M/D/Y> 7/25/2015	H:M:S> 16:0:10

Company	CMX OIL & GAS EXPLORATION
Well	CLAFLIN 2-35
Field	KRAFT-PRUSA
County	BARTON
State	KANSAS



COMPENSATED NEUTRON
LITHOLOGY DENSITY
GAMMA RAY X-Y CALIPER
MICROLOG