

Company **CMX, INC.**
Well **SUSANK2 #1-29**
Field **TRAPP**
County **BARTON**
State **KANSAS**

RECON

COMPENSATED NEUTRON
LITHOLOGY DENSITY
GAMMA RAY XY-CALIPER
MICROLOG

SEC	TWP	RGE	OTHER SERVICES:	
29	16S	13W	DIL	SONIC
Location. 940' FNL & 1210' FWL		NE SE NW NW		
SURF. SAME	API#	15-009-26117-00-00		
Permanent Datum	Ground Level	Elev	ELEVATIONS	
Log Measured From	Kelly Bushing		G.L.	1944
Drilling Measured From	Kelly Bushing		D.F.	1950

Date	13-SEP-2015			
Run No.	ONE			
TD Driller	3395	ft.		ft.
TD RECON	3393	ft.		ft.
Bot Logged Interval	3392	ft.		ft.
Top Logged Interval	472	ft.		ft.
Casing Depth Driller	8 5/8	in.	@ 473	@
Casing Depth RECON	8 5/8	in.	@ 472	@
Bit Size	7 7/8	in.		in.
Drilling Fluid Type	CARBONOX			
Density	9.3	ppg	60	sec/qt
Fluid Loss	8.0	ml/30min	10.5	strip
PH				
Source Of Sample	Flowline			
RM @ Measured Temp	1.594	Ohmm	@ 75°F	Ohmm @
RMF @ Measured Temp	1.195	Ohmm	@ 75°F	Ohmm @
RMC @ Measured Temp	1.992	Ohmm	@ 75°F	Ohmm @
RM @ MRT	1.166	Ohmm	@ 105°F	Ohmm @
Max Recorded Temp	105°F	DegF		DegF
Time Drilling Stopped	13-SEP-2015	08:00		
Time Circulation Stopped	13-SEP-2015	21:45		
Time Logger On Bottom	14-SEP-2015	01:00		
Unit Num	Location	S409	OKLAHOMA CITY, OK	
Recorded By	H. GARCIA			
Witnessed By	MR. 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 DRLG. #2

GENERAL REMARKS SECTION

FIRST RUN IN THE HOLE
CNL AND LDT LOGGED IN A LIMESTONE MATRIX
TOP MARK - 470.7, BOTTOM MARK - 3273.7
CNL/LDT LOGGED MATRIX: 2.71 g/cc.

CHLORIDES: 7500 mg/l
LCM: 0 lb/bbl

THANK YOU FOR USING RECON PETROTECHNOLOGIES LTD.

AHV CALCULATED ON 5.5" PROD. CASING

CREW: C. WILKES

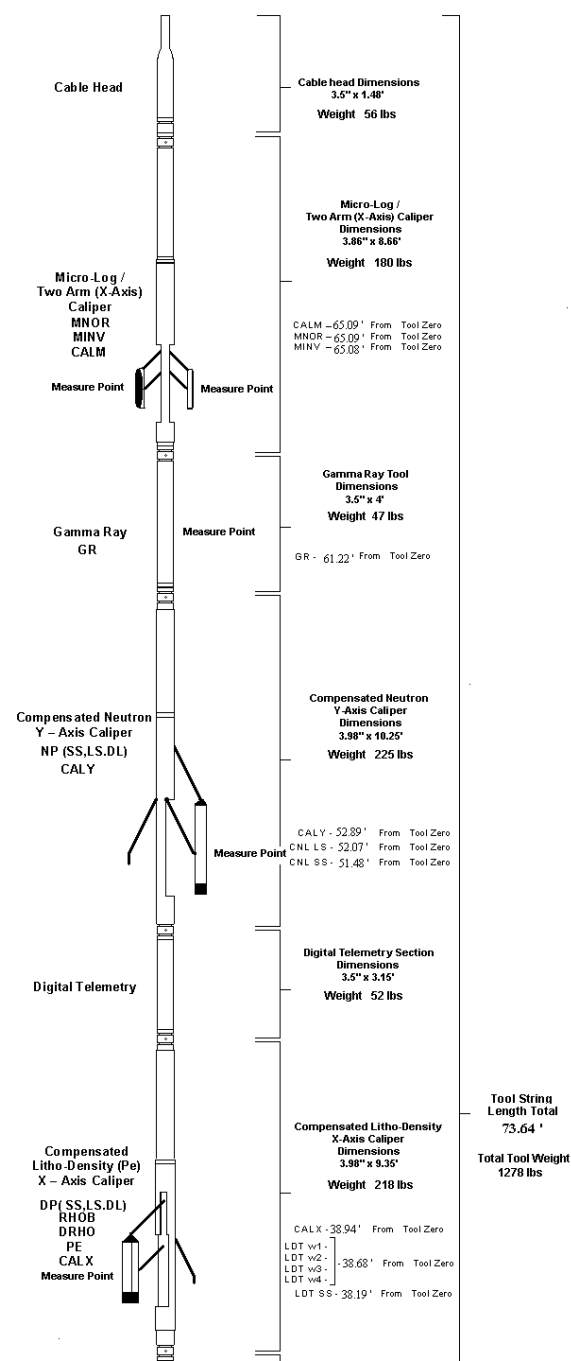
CEMENT VOLUME CALCULATIONS SUMMARY

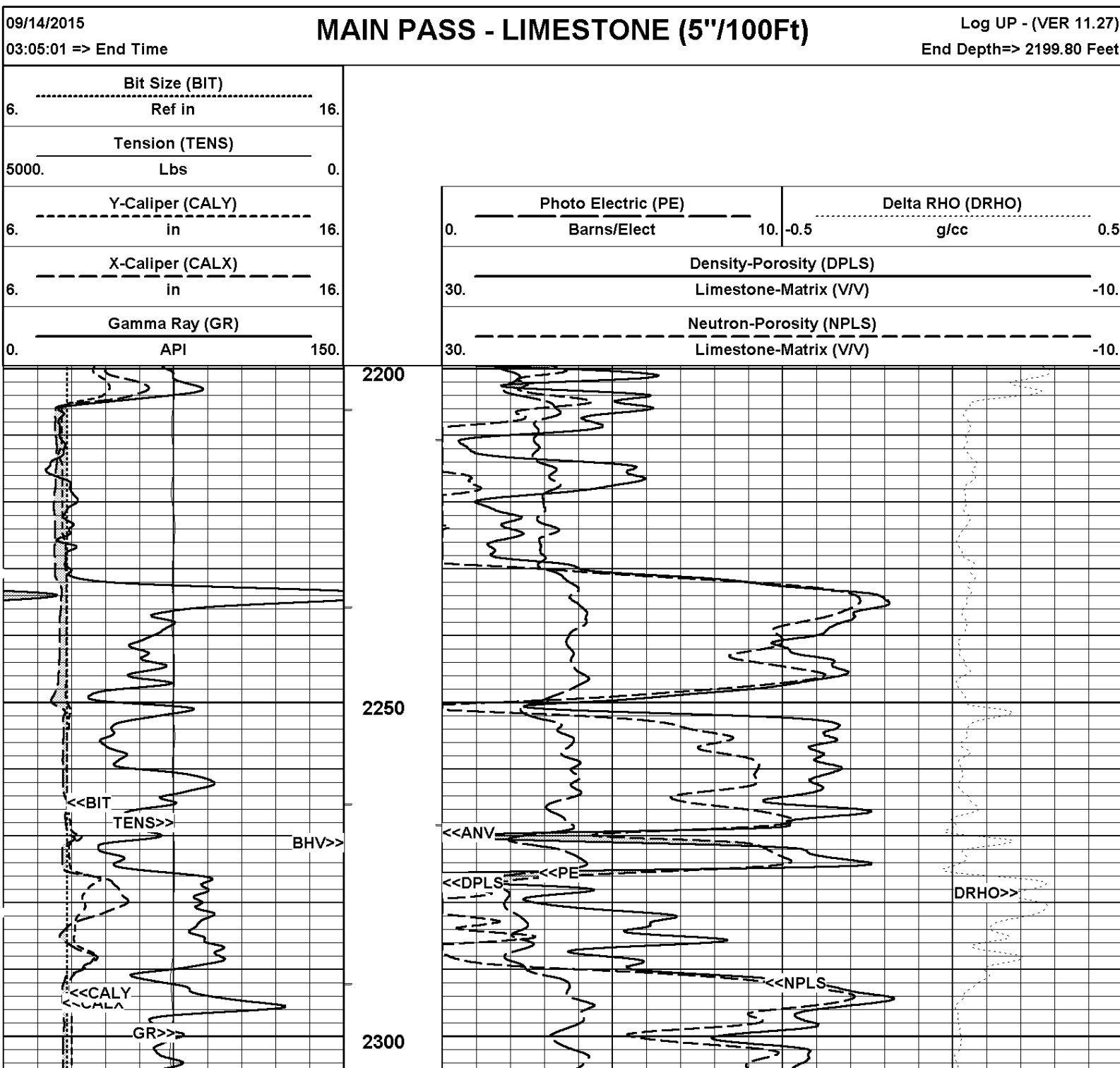
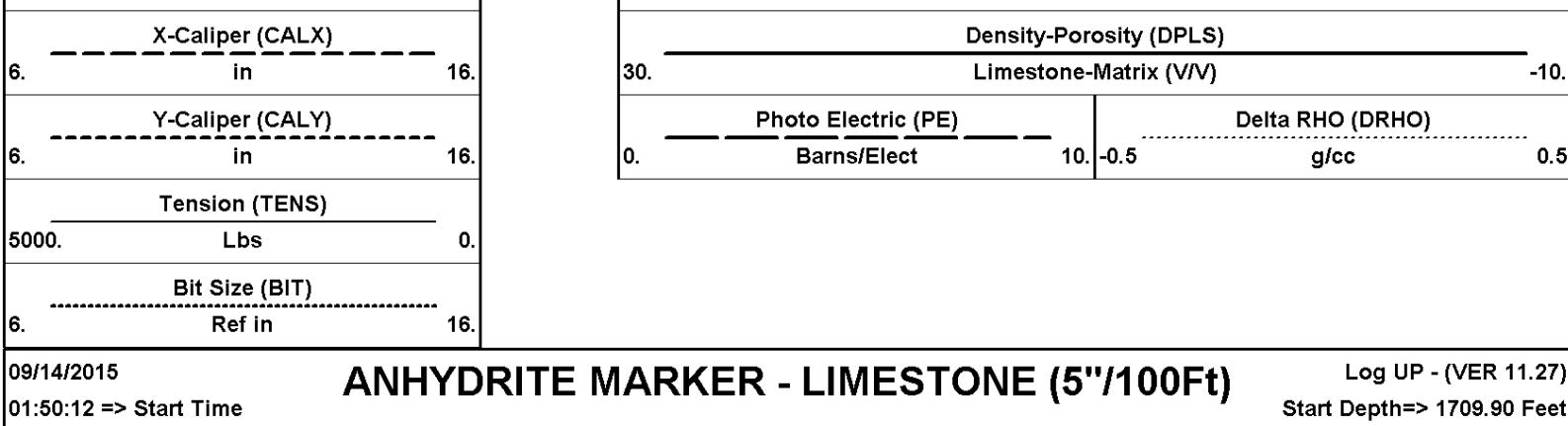
Tool Type	LDT-CNT	Caliper Type X-Y CALIPERS		
Tool Serial #	RN2004 / RL4103			
	Borehole Total	Annular Volume with Casing	From Depth (MKb)	To Depth (MKb)
VOLUMES	1523.765 Cubic Feet	1037.809 Cubic Feet	SCG 472	TD 3393

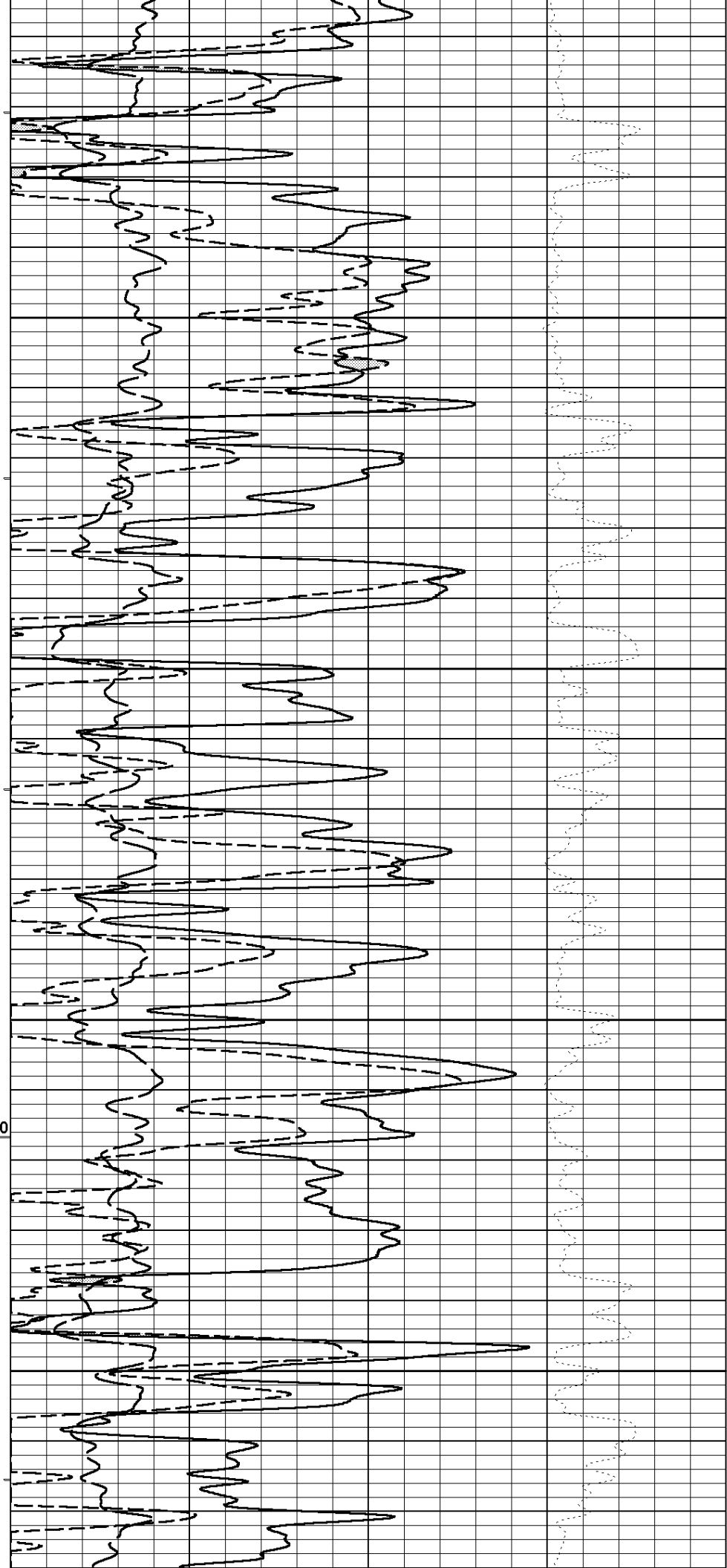
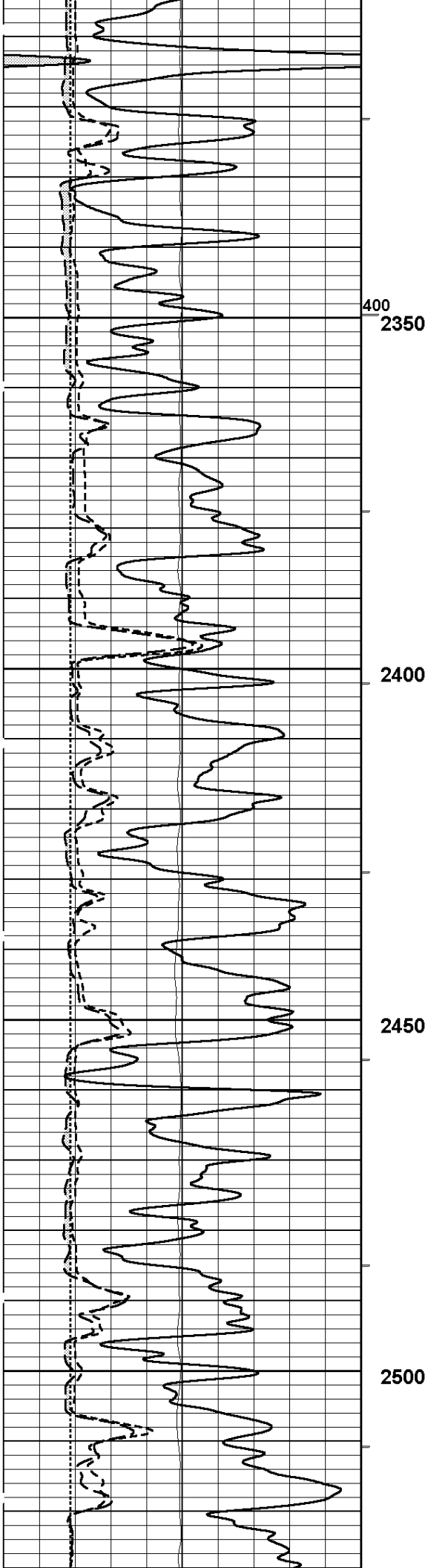
CASING INFORMATION

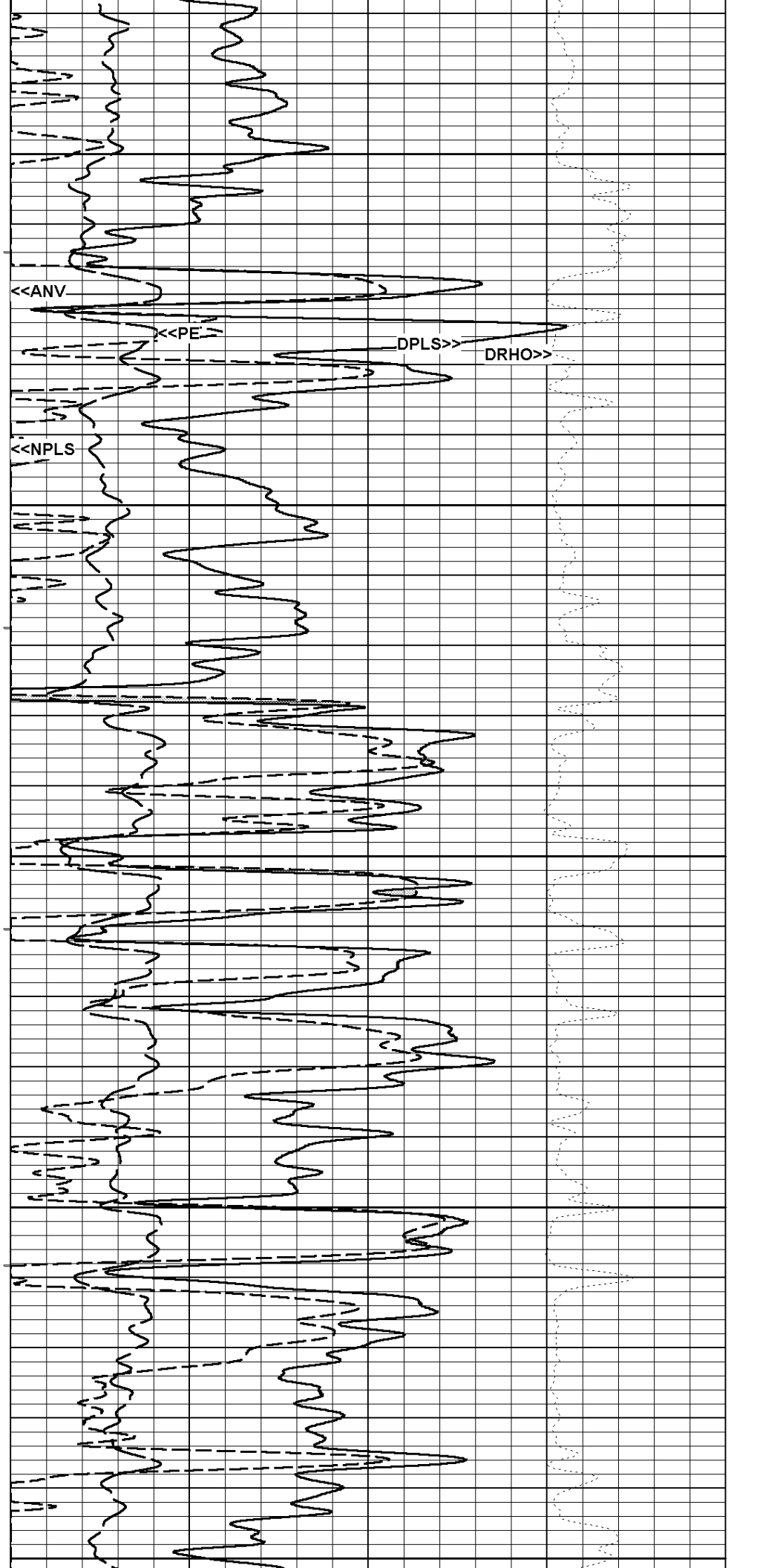
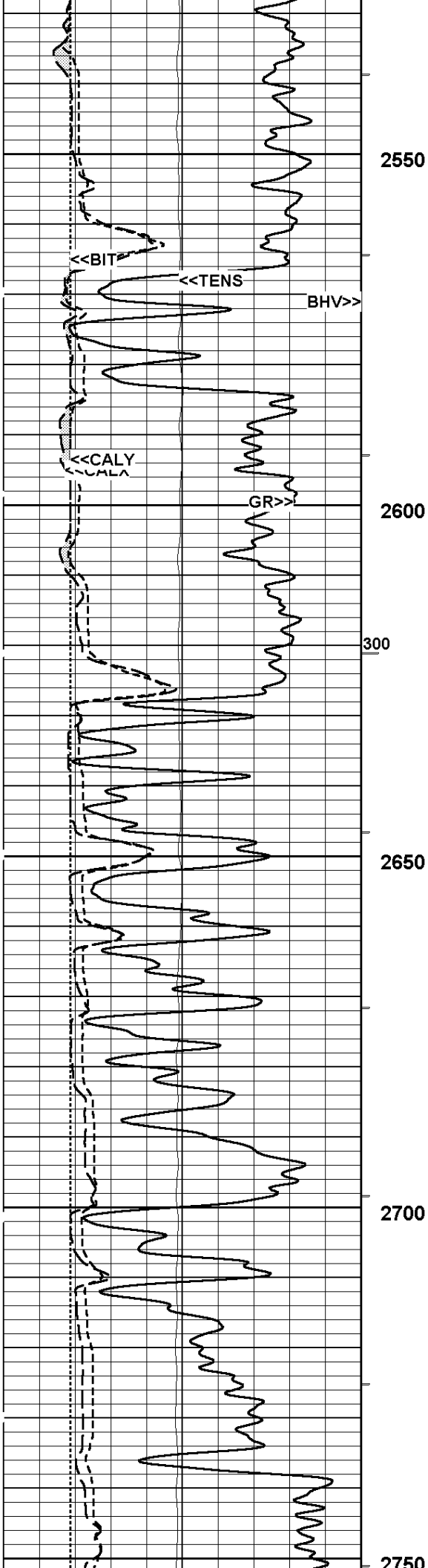
	SIZE (in)	GRADE	WEIGHT (lbs/ft)	ID (in)	TOP DEPTH	BOT DEPTH
SURFACE CASING	8 5/8	J-55	24	8.097	Surface	472
INTERMEDIATE CASING	N/A	N/A	N/A	N/A	N/A	N/A
PRODUCTION CASING	5 1/2	J-55	15.5	4.950	Surface	TD

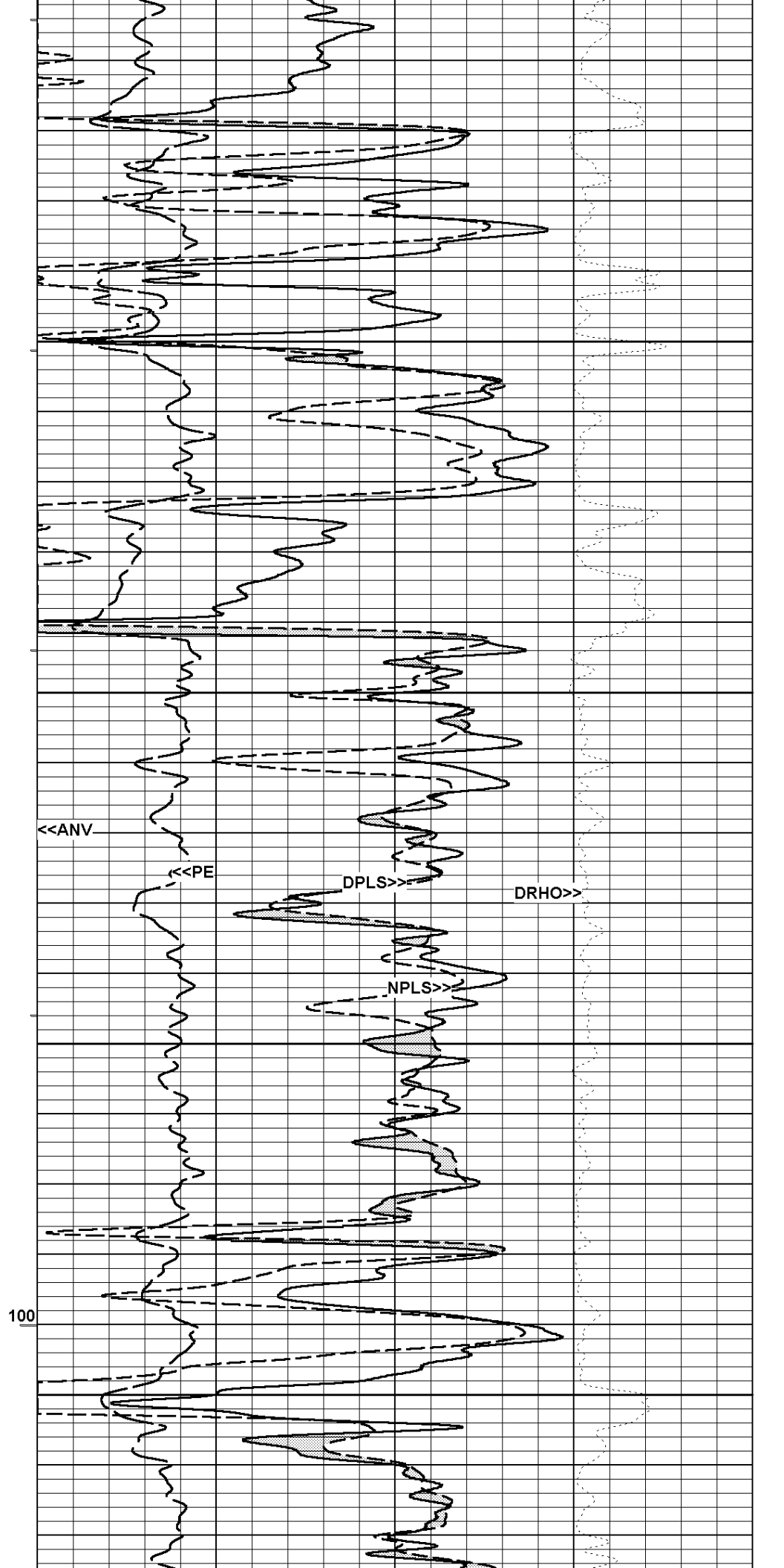
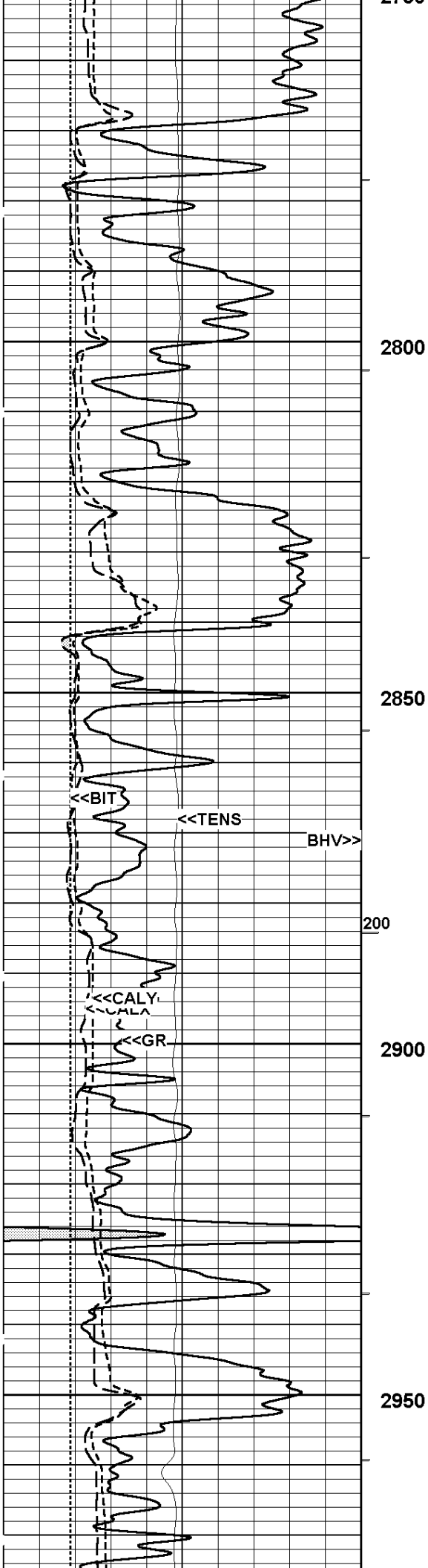
DUAL INDUCTION – SP / BHC SONIC /
GAMMA RAY / LITHO-DENSITY / X CALIPER
COMPENSATED NEUTRON / Y-CALIPER
MICRO - LOG / M-CALIPER

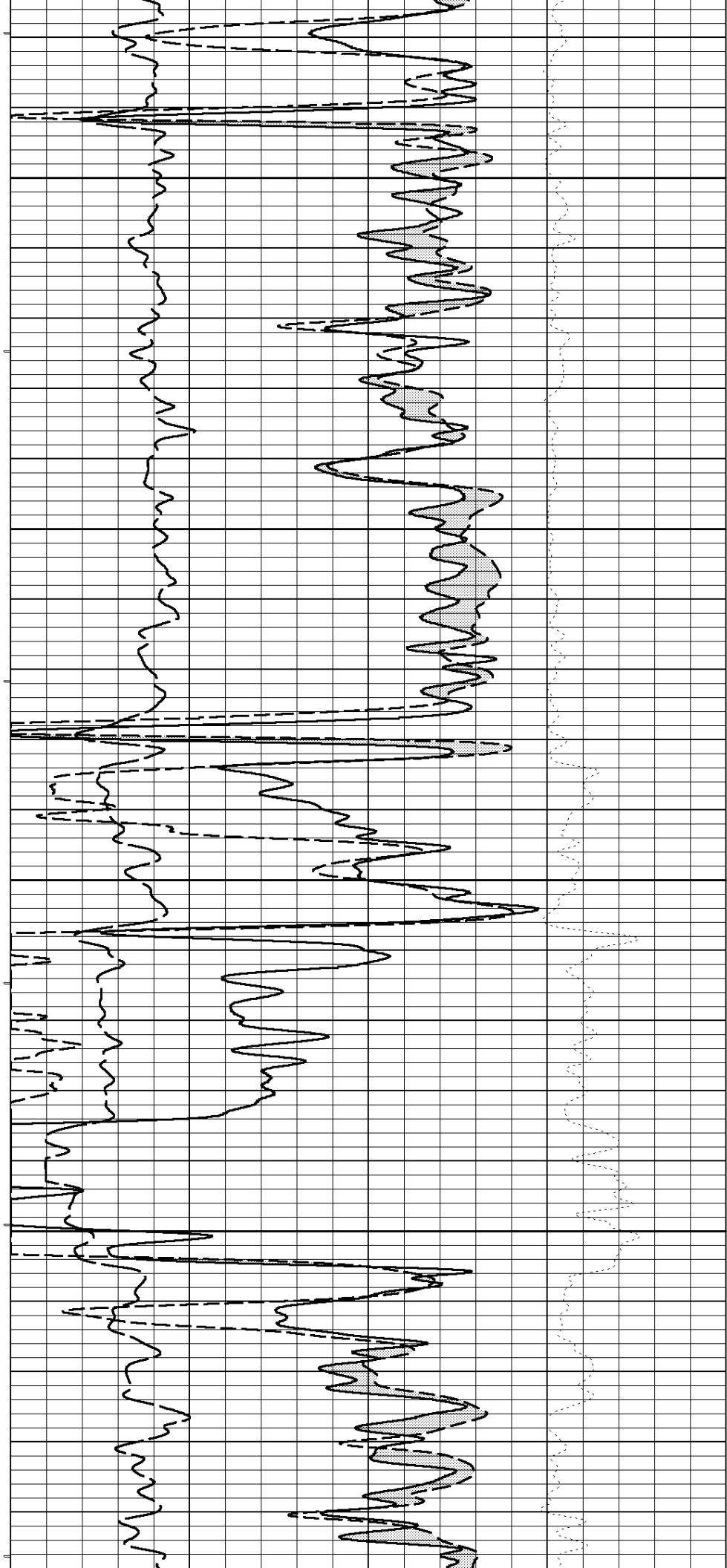
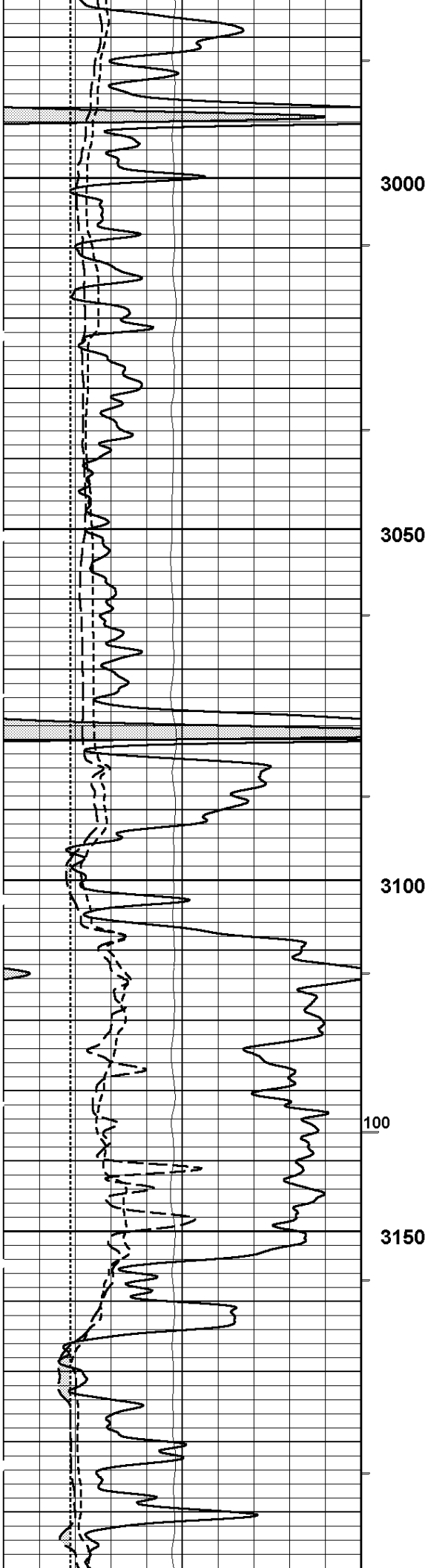


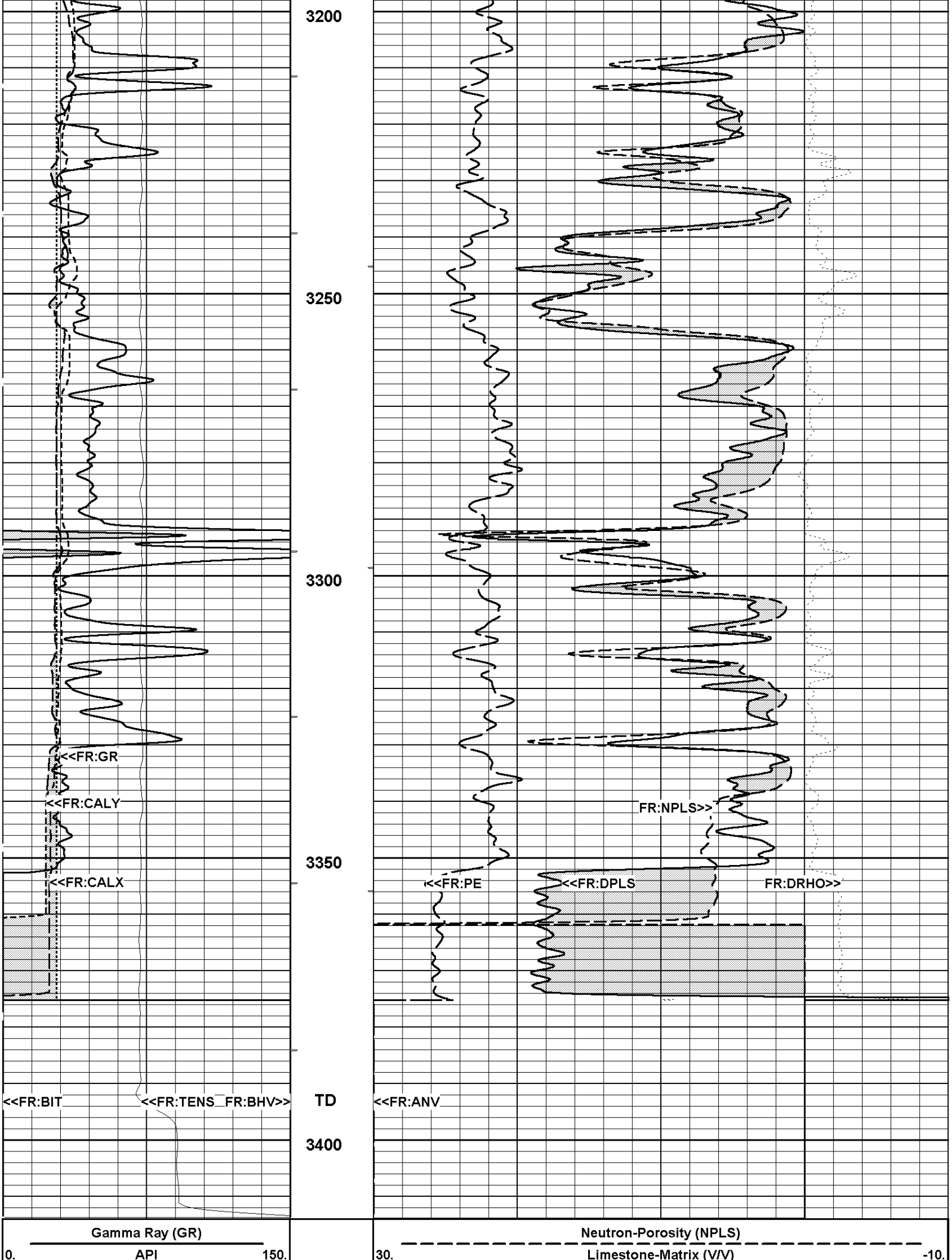


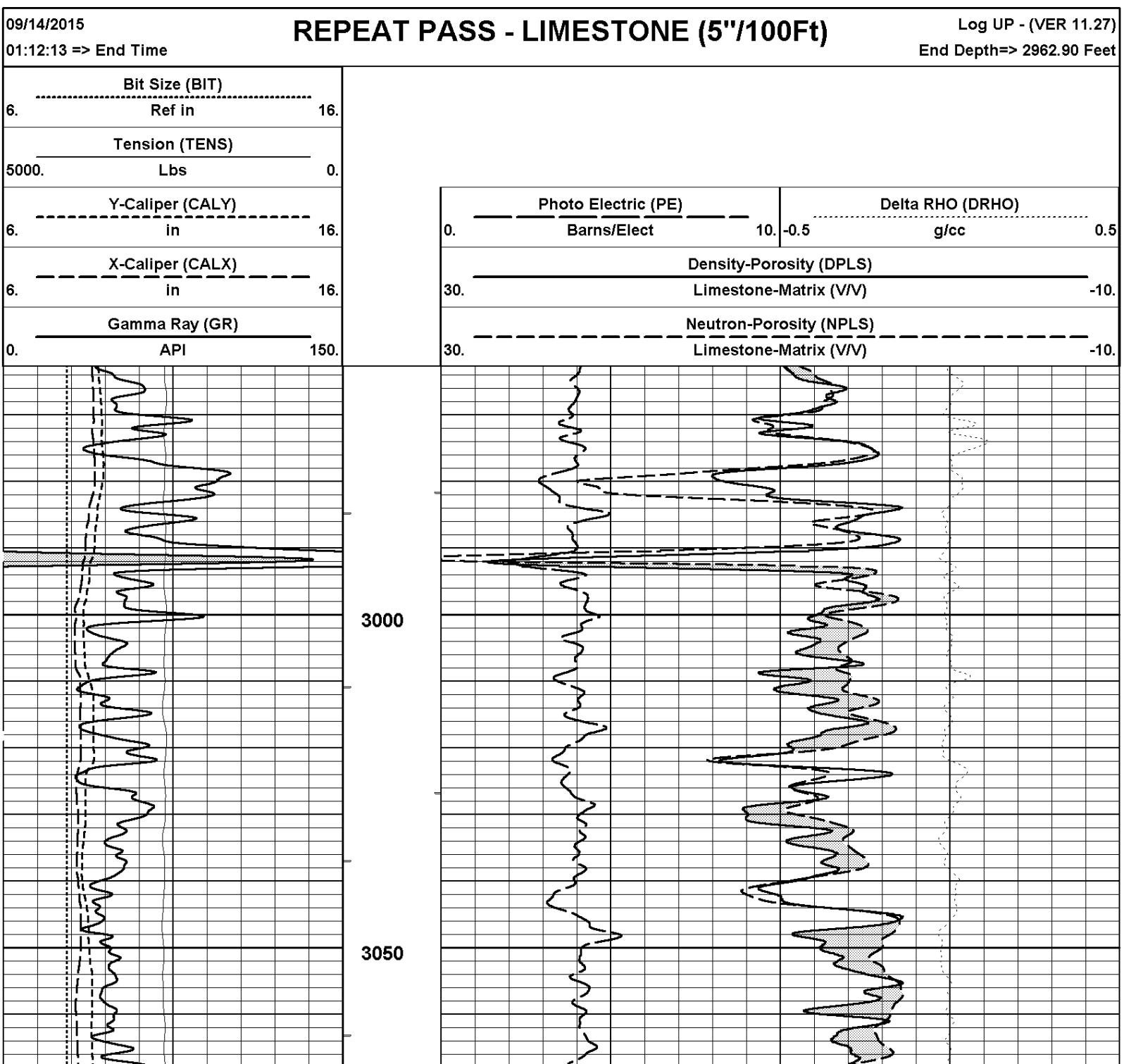
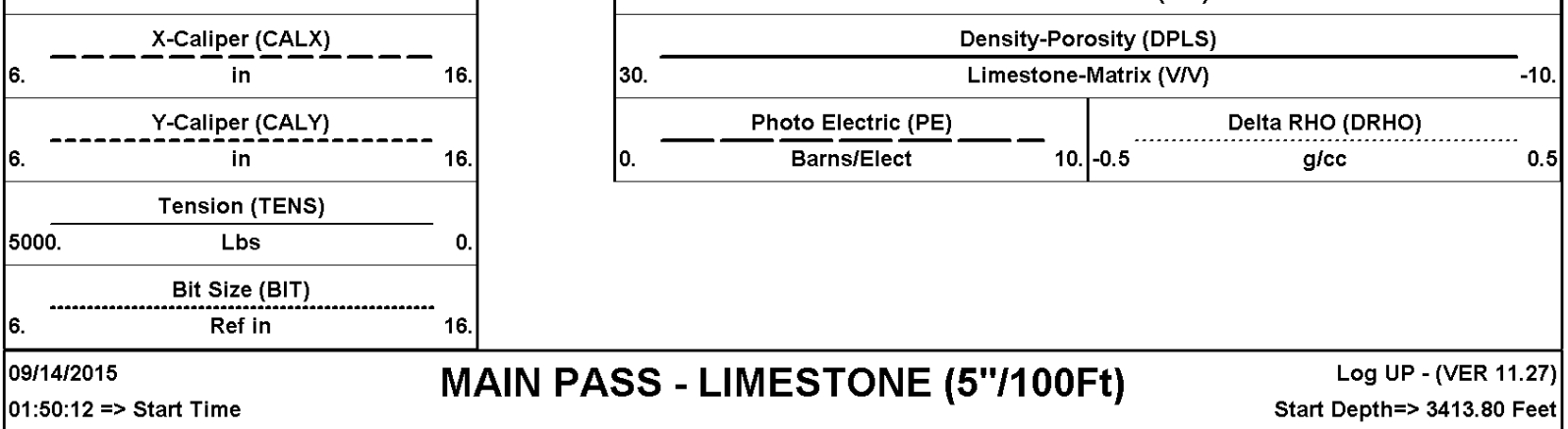


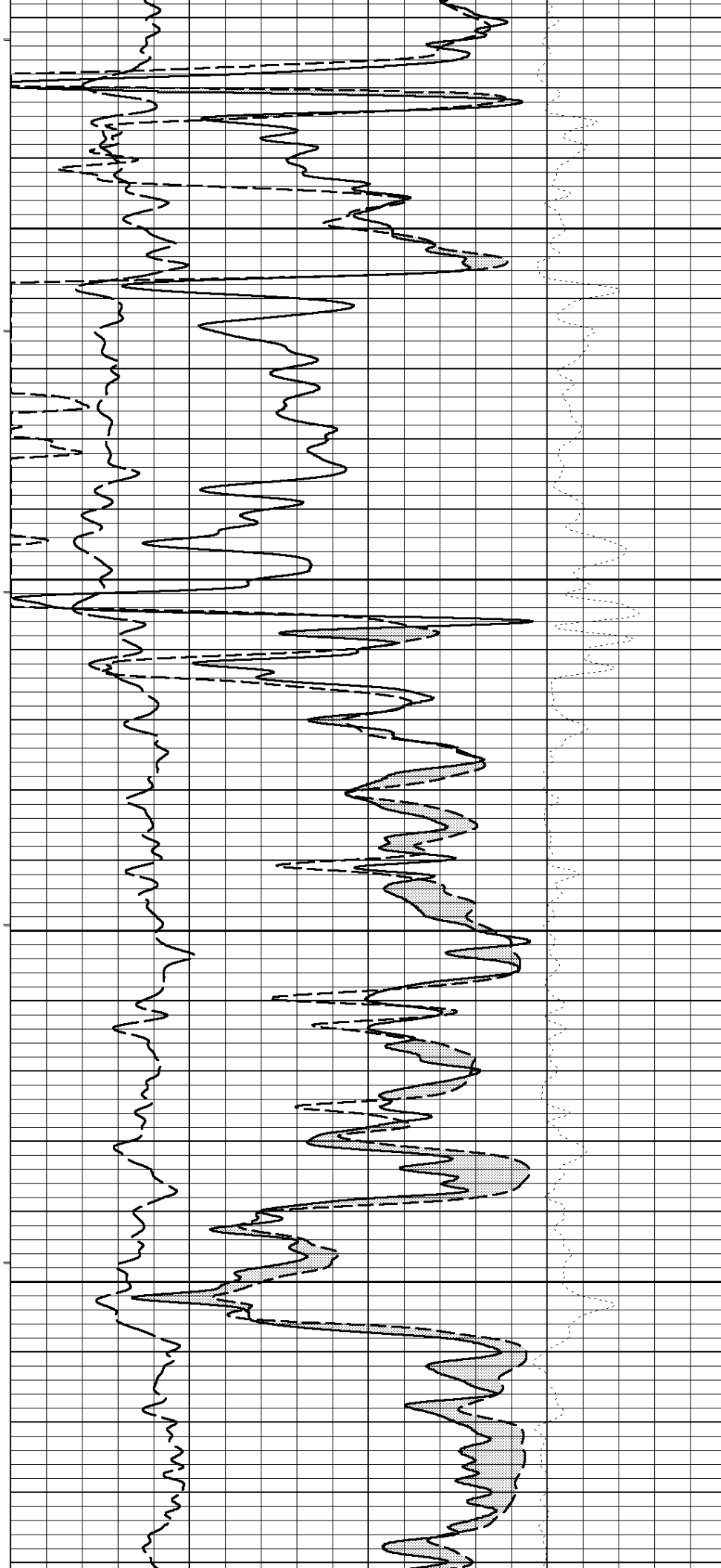
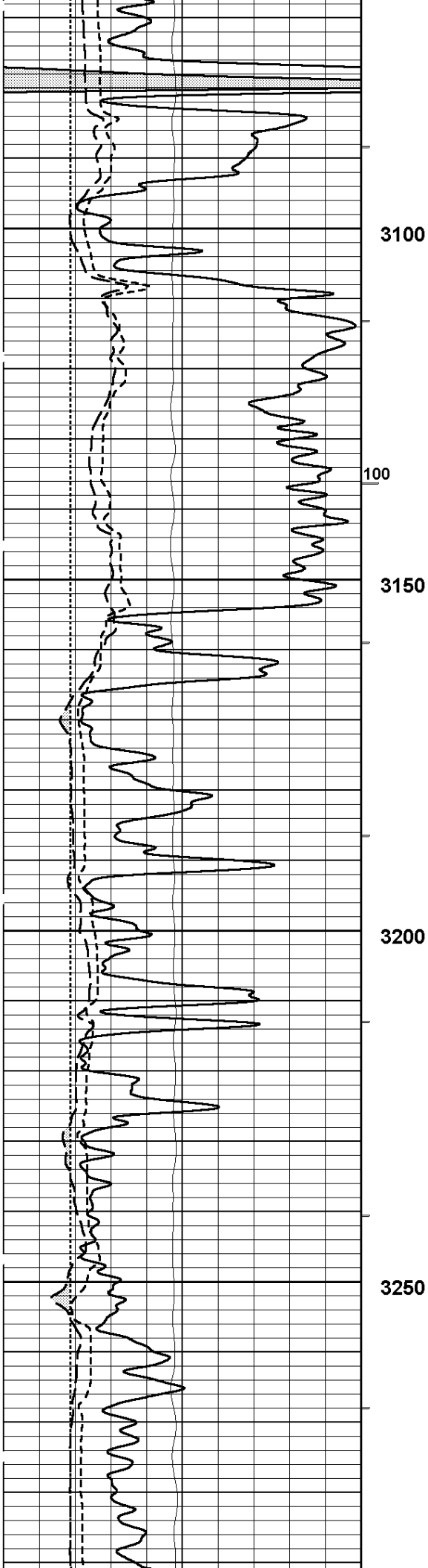


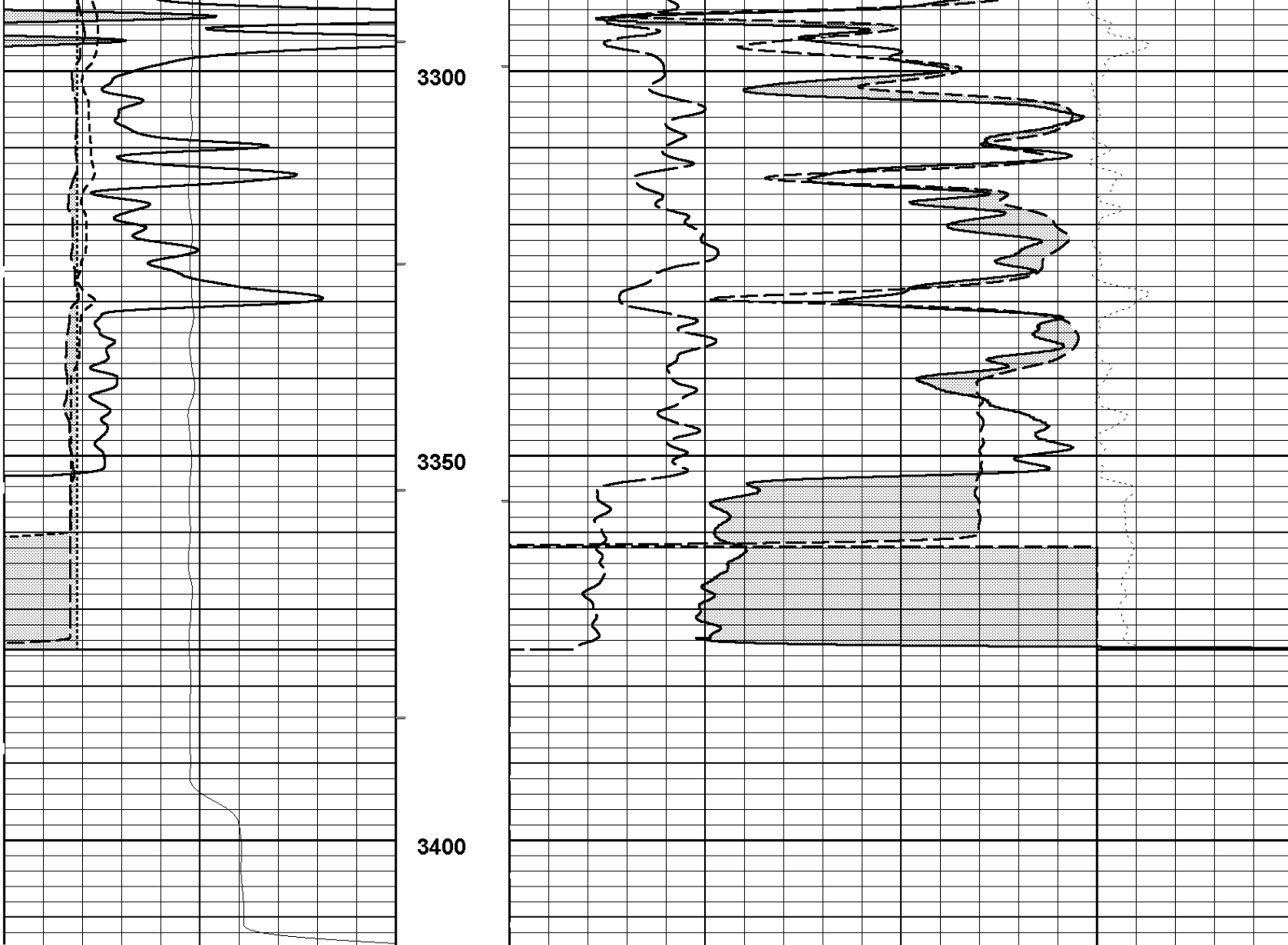










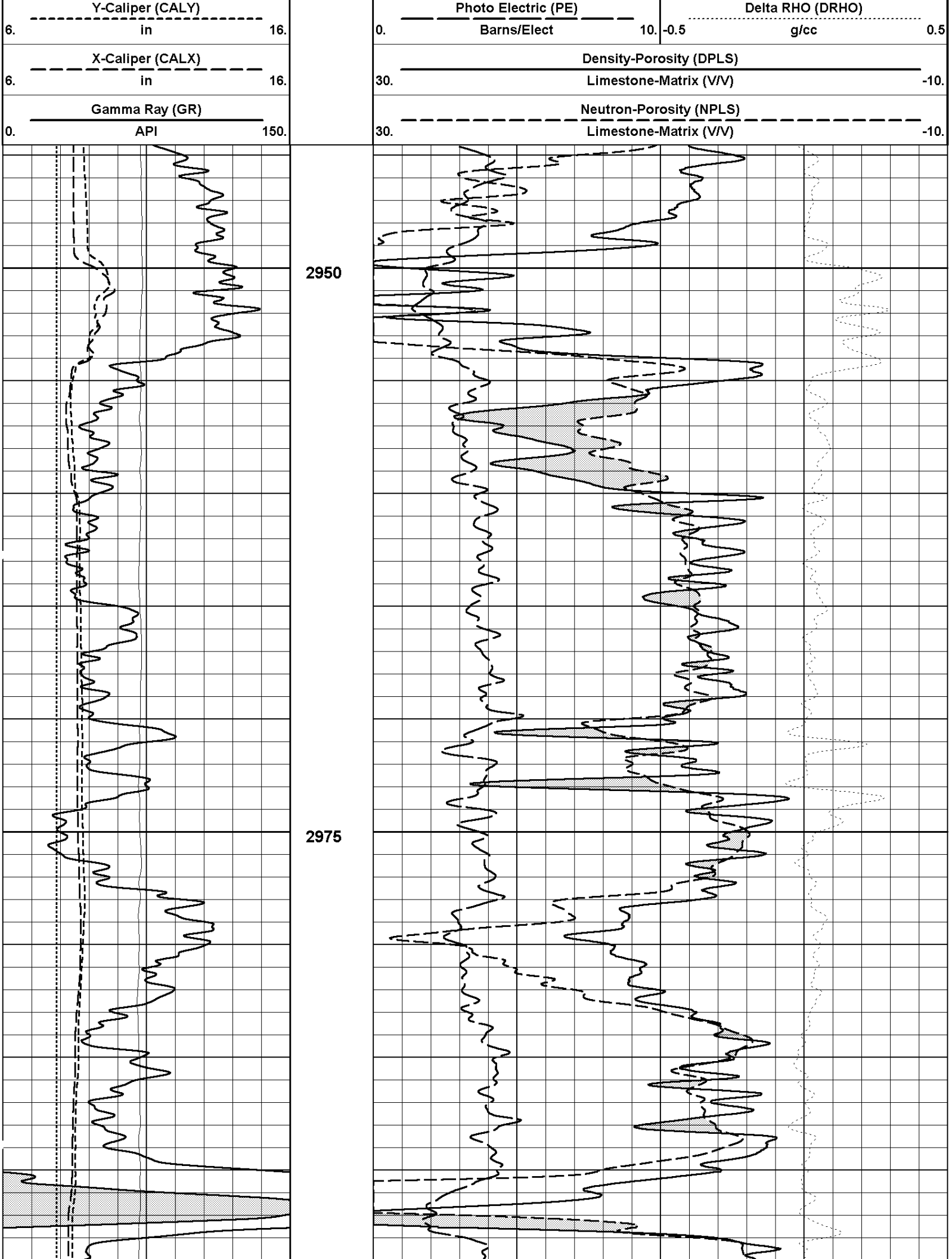


Gamma Ray (GR)		Neutron-Porosity (NPLS)	
0.	API	150.	
X-Caliper (CALX)		Limestone-Matrix (V/V)	
6.	in	16.	-10.
Y-Caliper (CALY)		Density-Porosity (DPLS)	
6.	in	16.	-10.
Tension (TENS)		Photo Electric (PE)	
5000.	Lbs	0.	
Bit Size (BIT)		Delta RHO (DRHO)	
6.	Ref in	16.	

09/14/2015	REPEAT PASS - LIMESTONE (5"/100ft)	Log UP - (VER 11.27)
01:00:39 => Start Time		Start Depth=> 3413.80 Feet

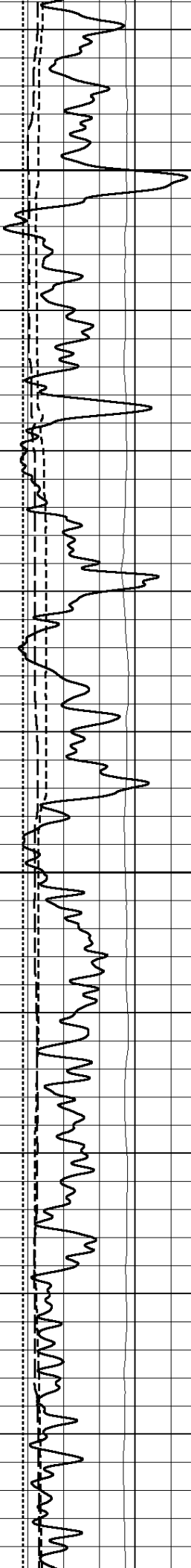
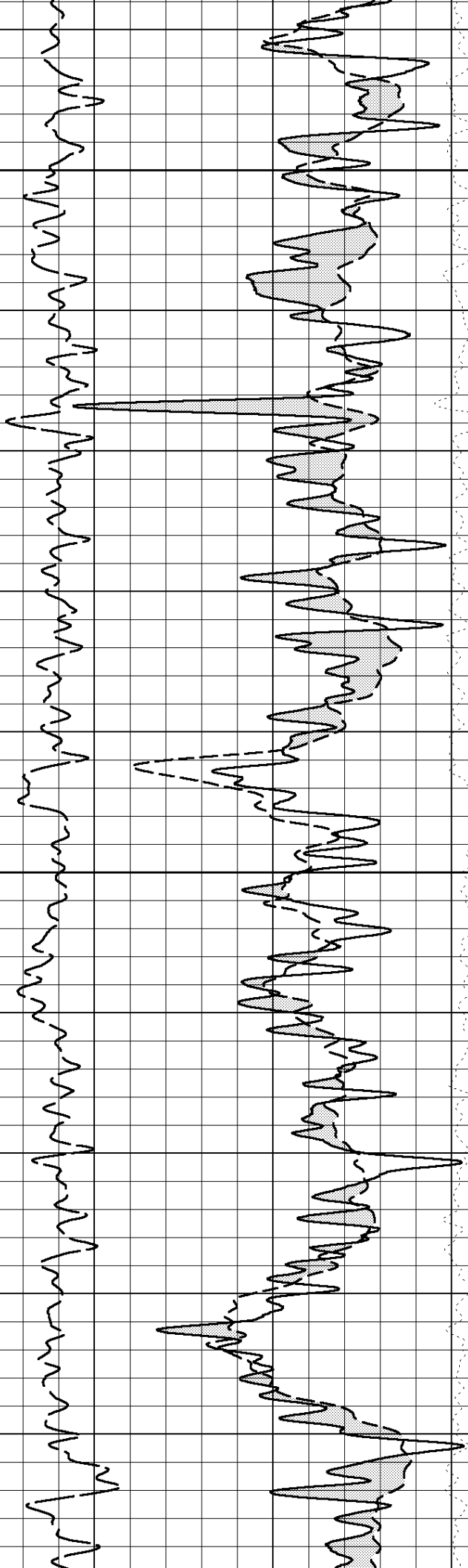
09/14/2015	HIGH DEFINITION PASS - LIMESTONE (20"/100ft)	Log UP - (VER 11.27)
01:41:20 => End Time		End Depth=> 2944.60 Feet

Bit Size (BIT)	
6.	Ref in
16.	
Tension (TENS)	
5000.	Lbs
0.	

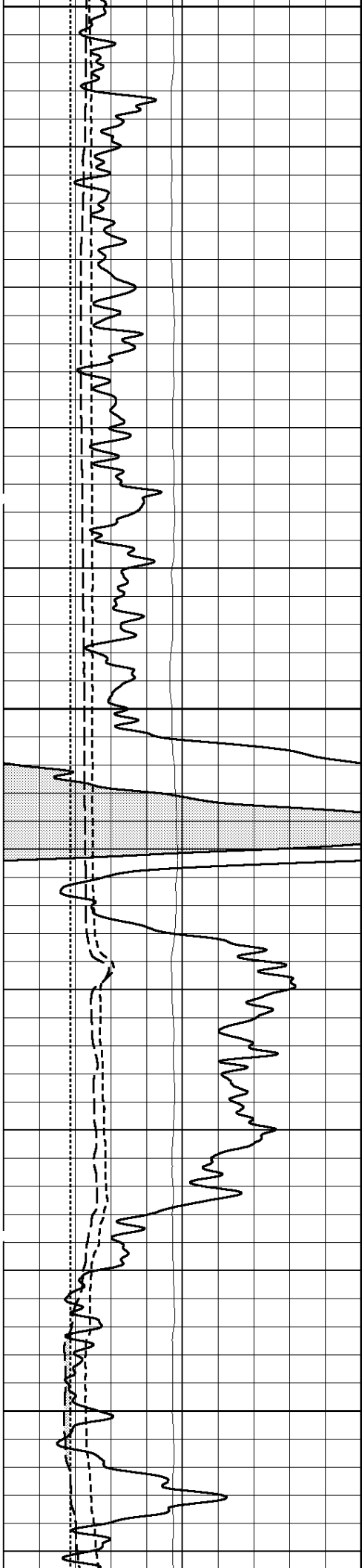


3000

3025

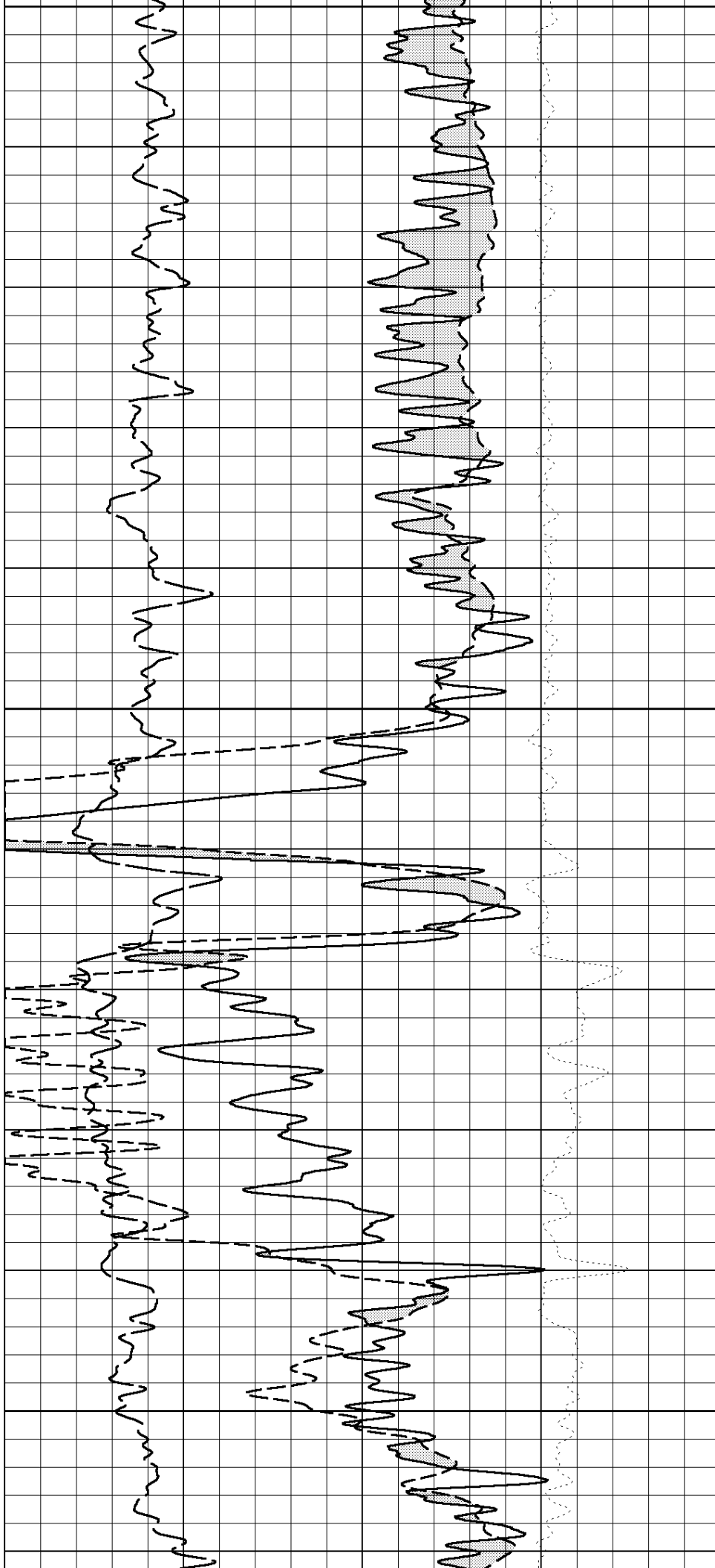


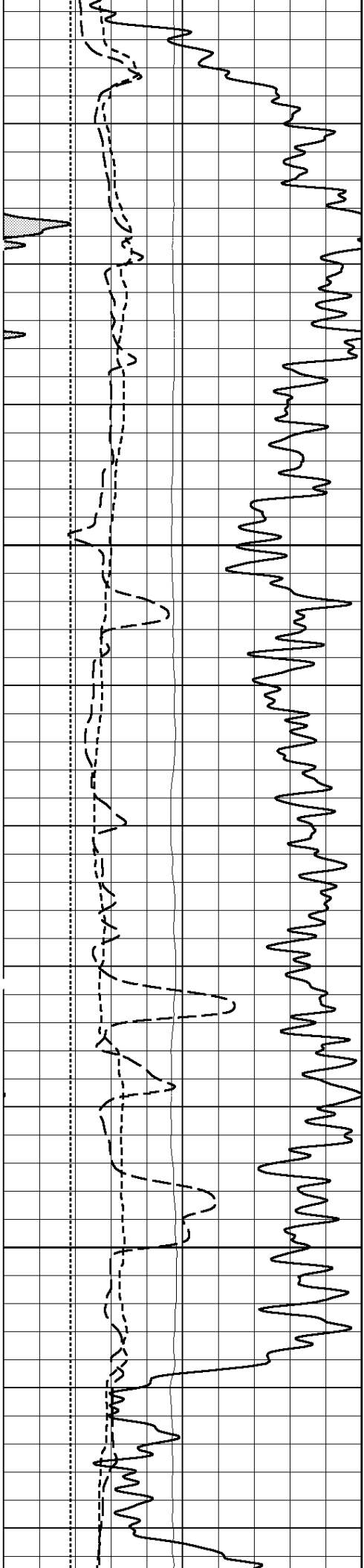
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3075

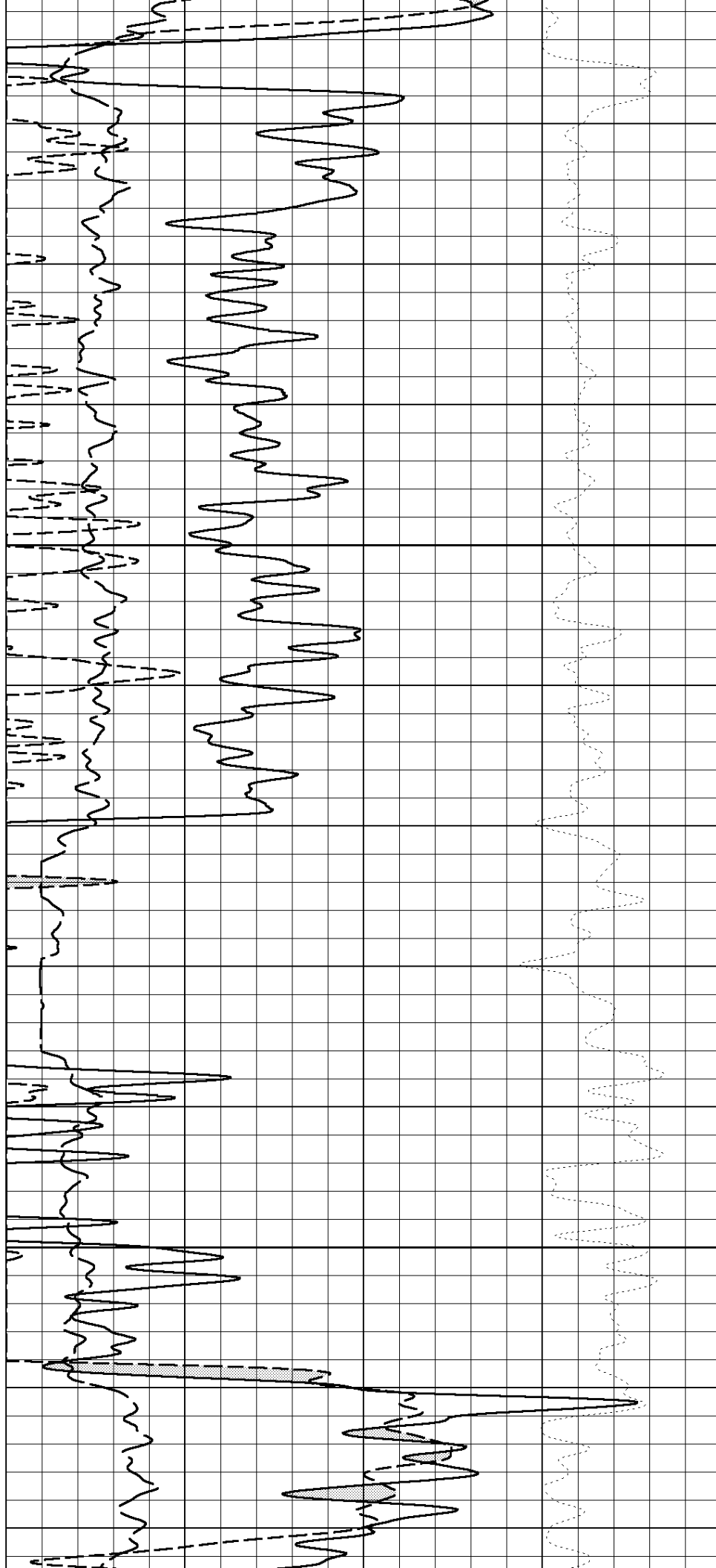
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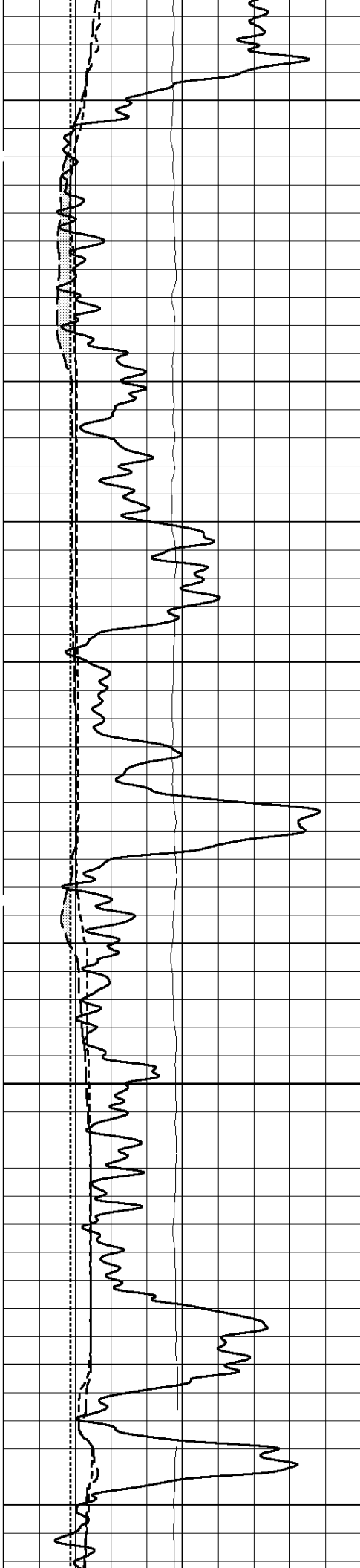




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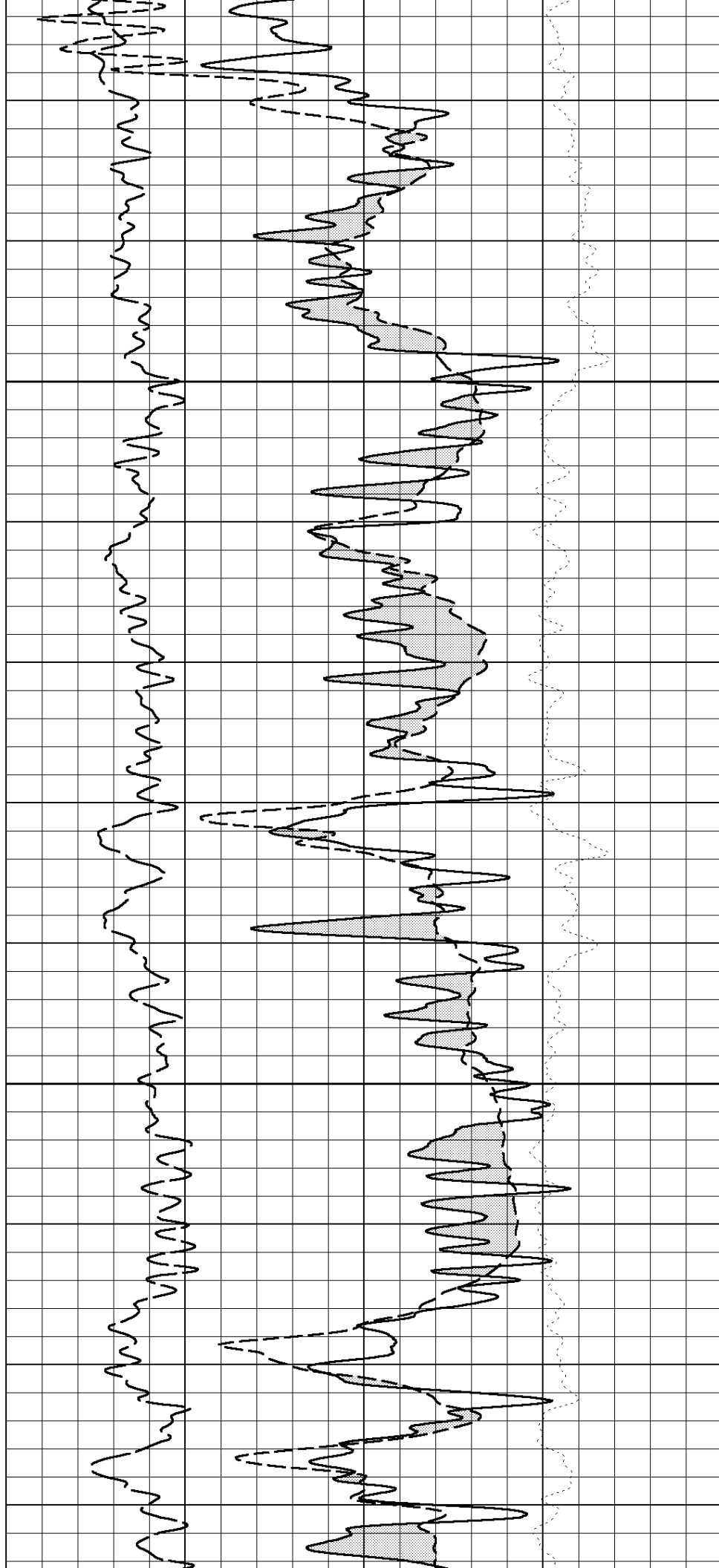
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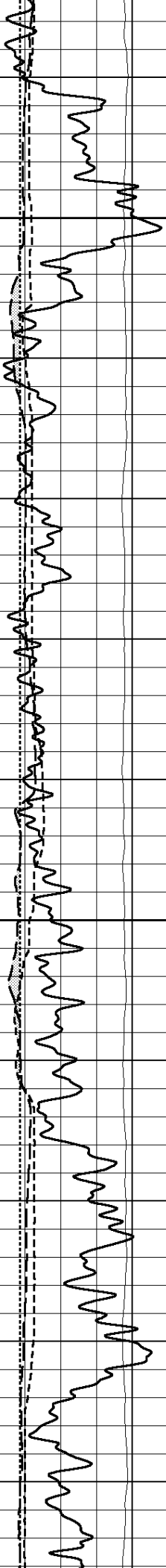
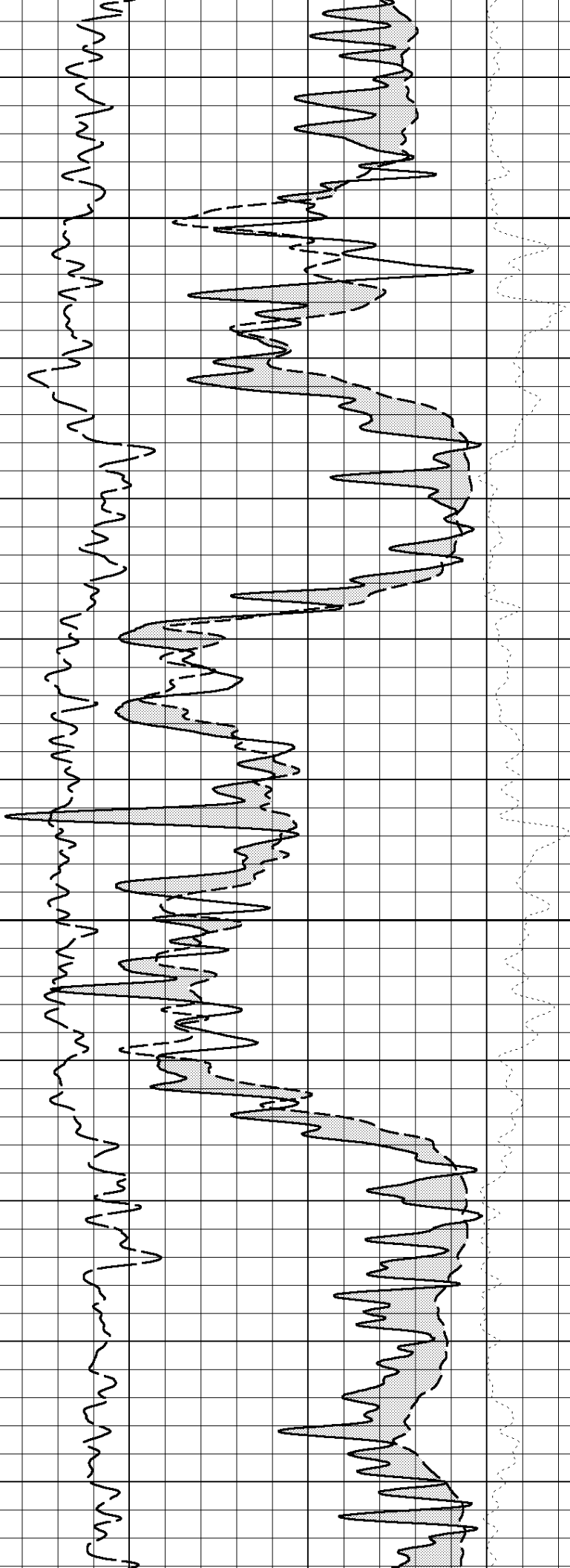
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3200



3225

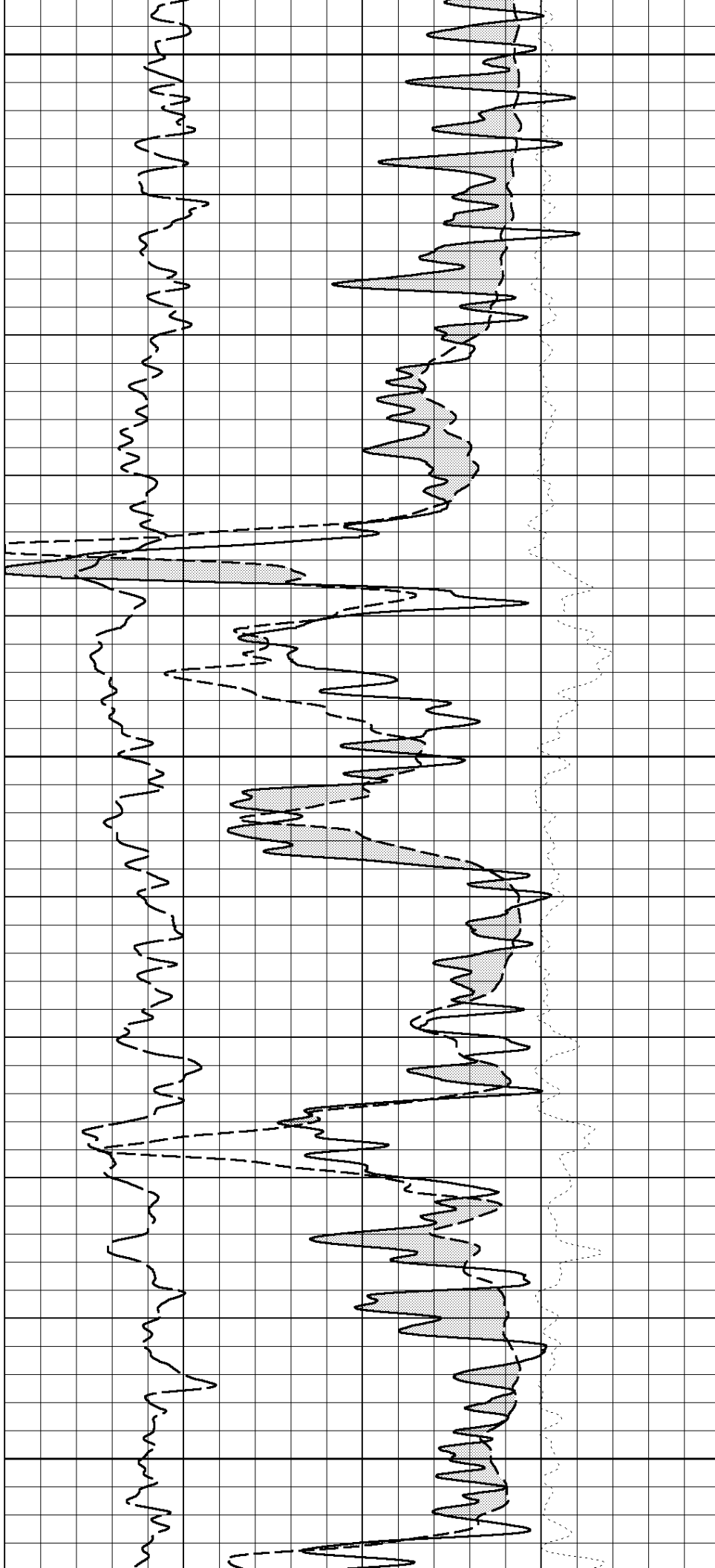
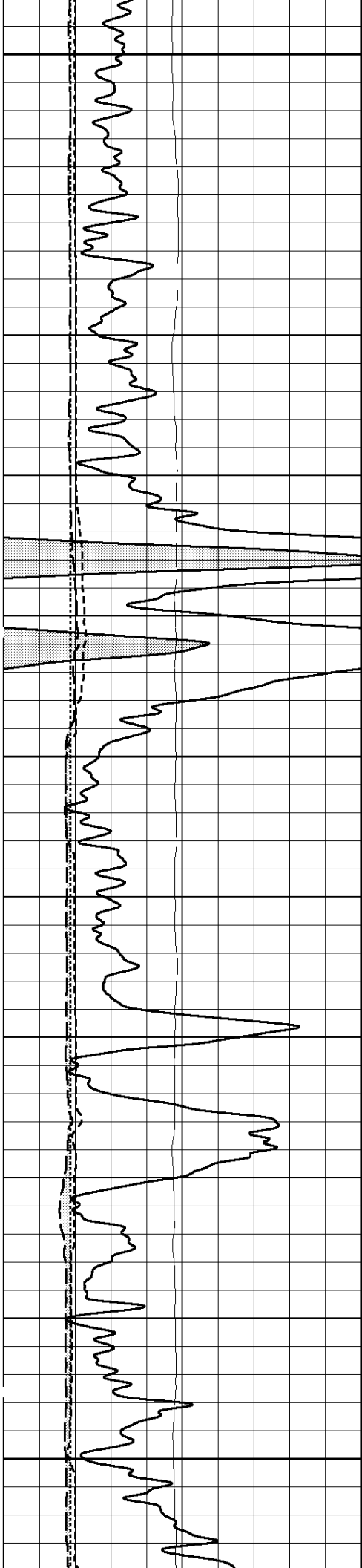
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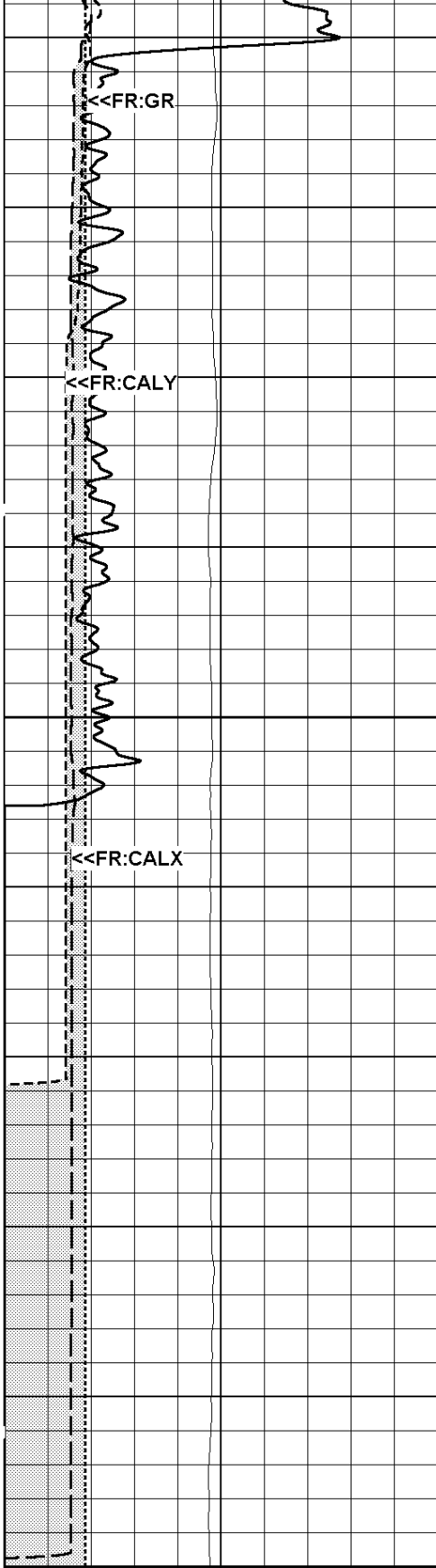


3275

3300

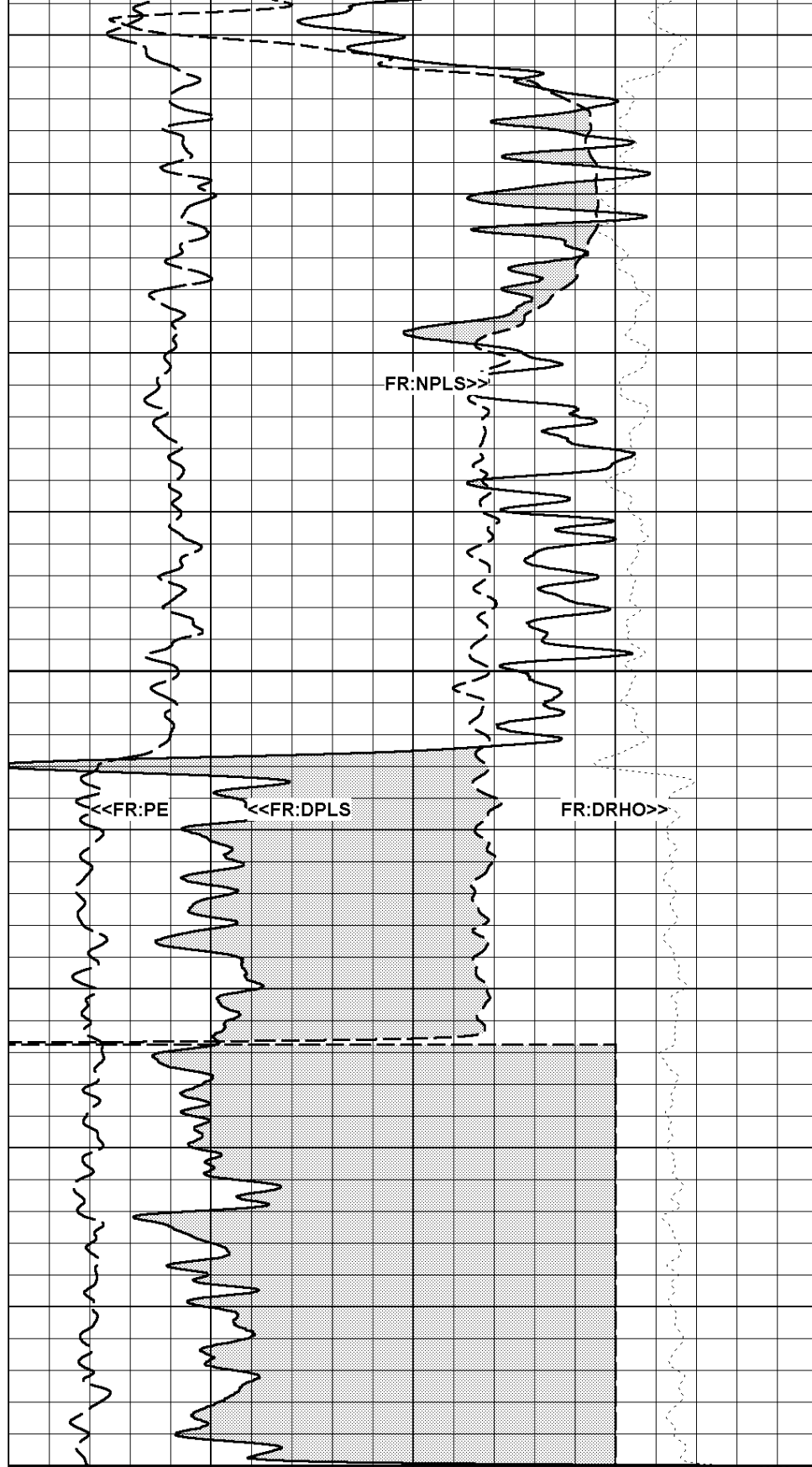
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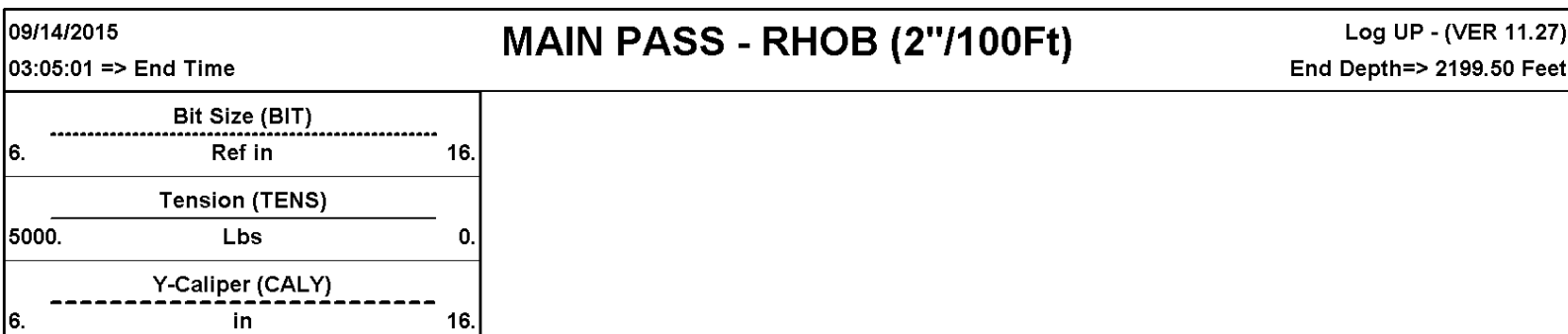
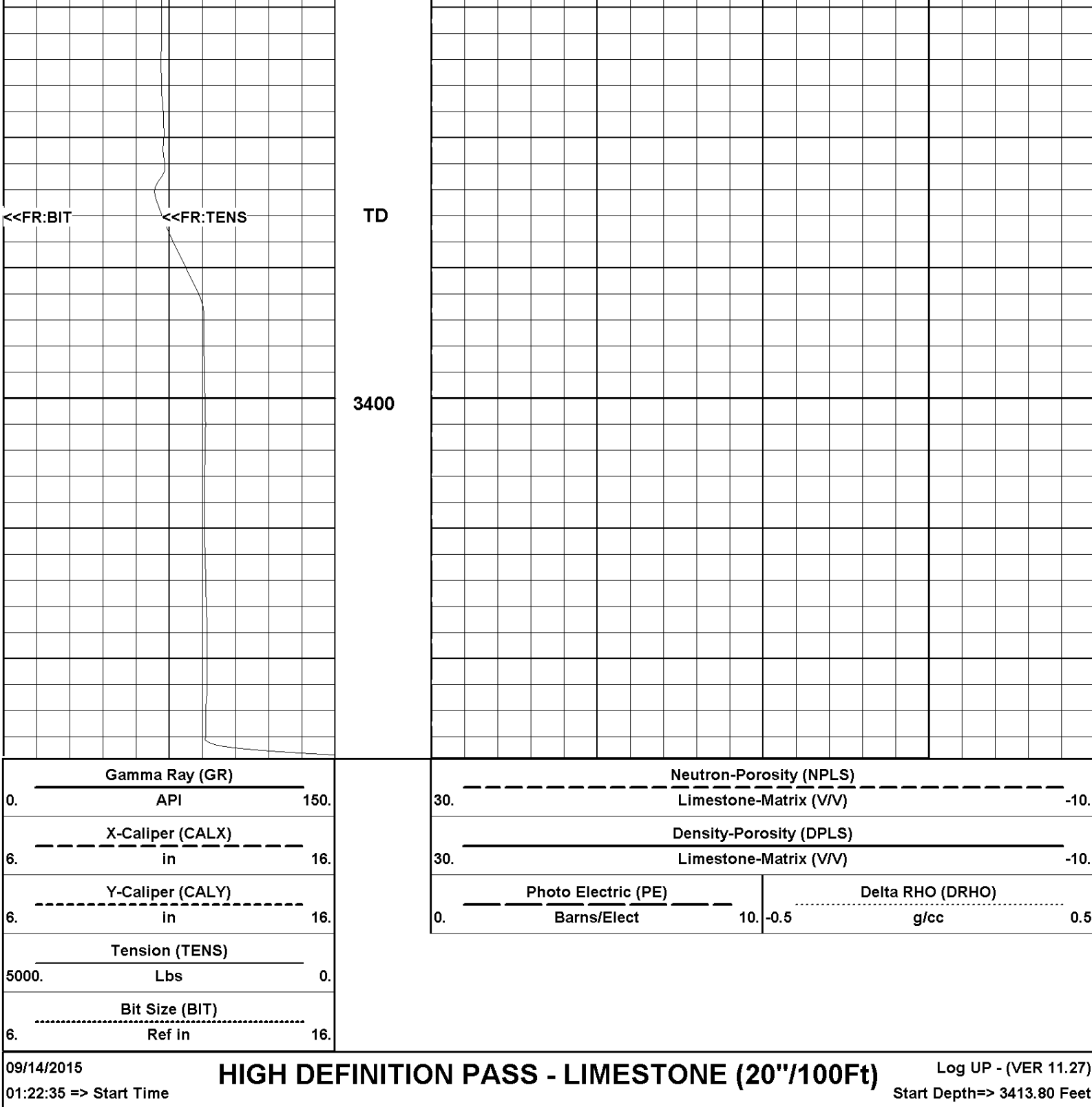


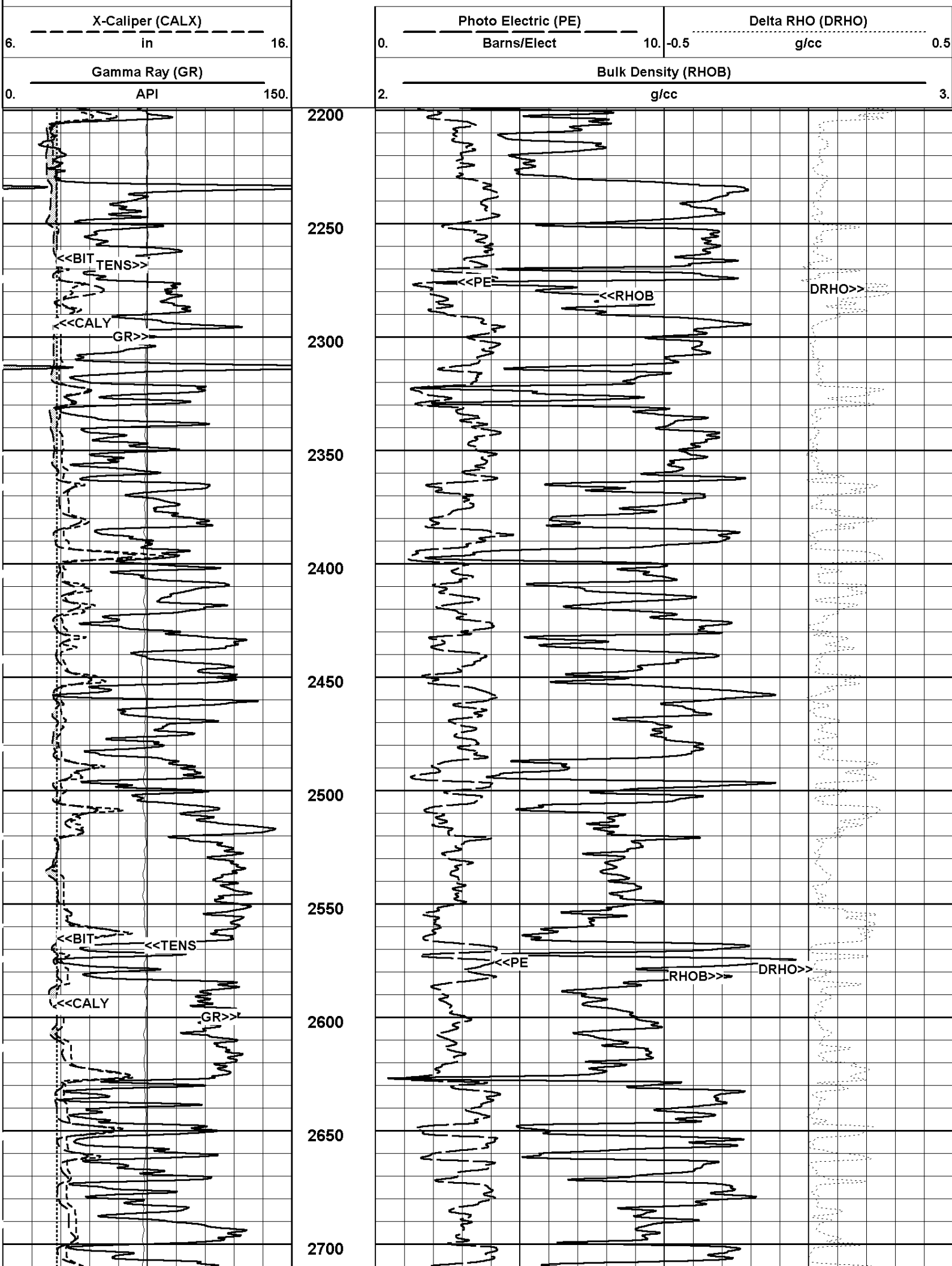


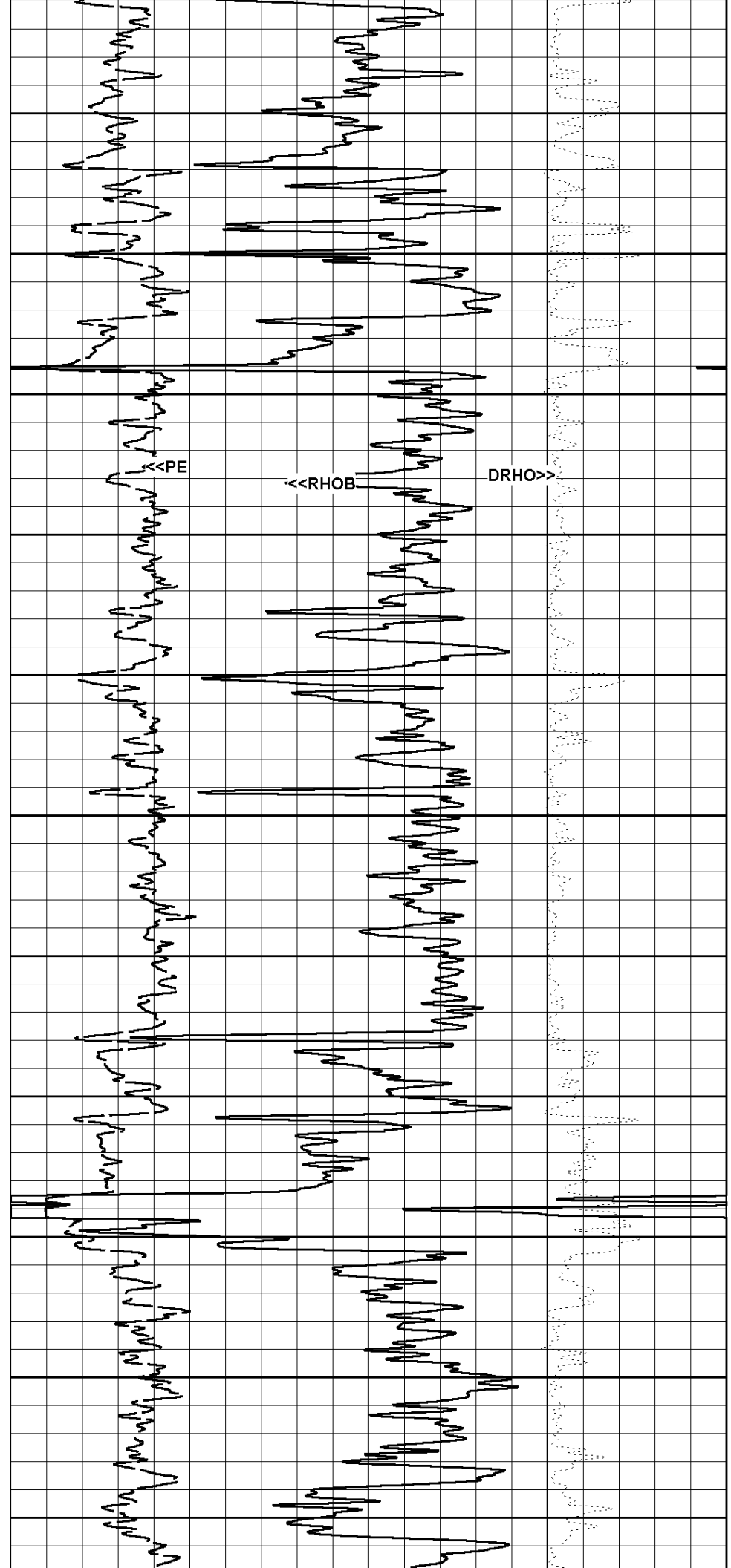
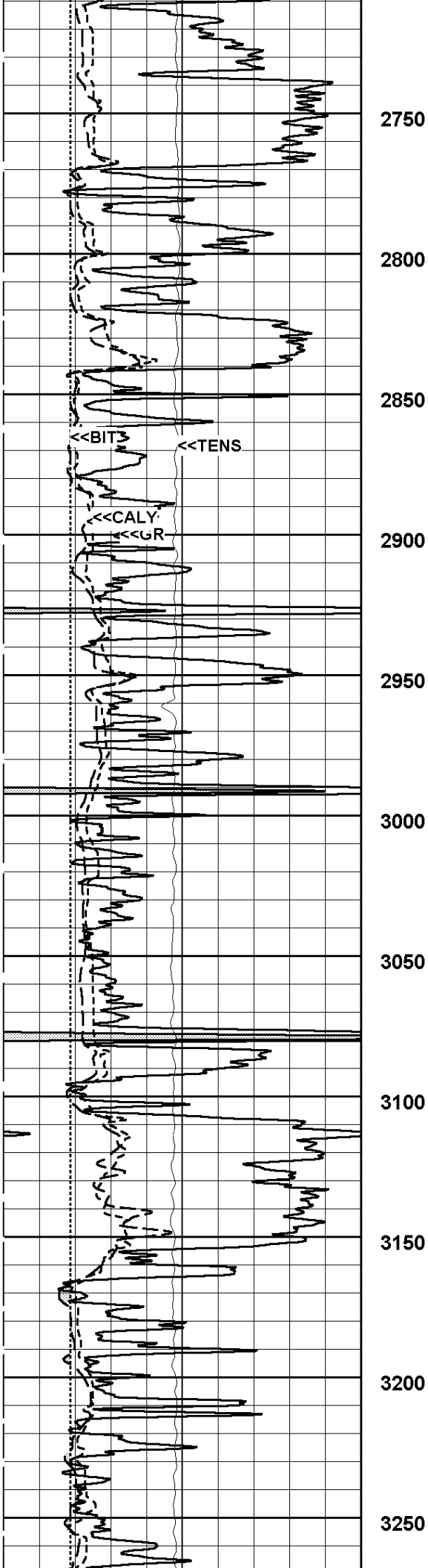
3350

3375









[illegible]

Compensated Neutron Calibrations

TOOL TYPE
SERIAL NUM

CNT-B
RN2004

SOURCE TYPE
SOURCE NUM

AM241BE

SOURCE STRGTH 20 CURIE

MASTER TANK CALIBRATIONS

		NEAR(cps)	FAR(cps)	RATIO	K VALUE	CALIBRATION DATE	CALIBRATION TIME
LOW PHI	3.150			0.6372	0.9698	M/D/Y> 8/20/2015	H:M:S> 8:13:14
MED PHI	19.130			1.0916	0.9698		
HIGH PHI	31.300			1.3086	0.9699		
FIELD VERIFIER(cps)		279.844	209.056	1.3386			
VER NUM	7430						

WELL SITE CALIBRATIONS

VER NUM	7430	NEAR(cps)	FAR(cps)	RATIO	CALIBRATION DATE	CALIBRATION TIME

Gamma Ray Calibrations

SERIAL NUM
BLANKET NUM

RG3018
1A

MASTER CALIBRATIONS

	LowVal: 0.000 API	HighVal: 159.000 API	Gain/Offset	CALIBRATION DATE	CALIBRATION TIME
BASE CALS	0.000 - raw	406.454 - raw	0.467 - gain 0.000 - off	M/D/Y> 8/20/2015	H:M:S> 8:48:30

X CALIPER

SERIAL NUM

RL4103

MASTER CALIBRATIONS

	LowVal: 6.000 mm	HighVal: 10.000 mm	Gain/Offset	CALIBRATION DATE	CALIBRATION TIME
BASE CALS	3497.306 - raw	5450.914 - raw	0.002 - gain -1.161 - off	M/D/Y> 8/12/2015	H:M:S> 17:8:59

Y CALIPER CALIBRATIONS

SERIAL NUM

RN2004

MASTER CALIBRATIONS

	LowVal: 6.000 IN	HighVal: 10.000 IN	Gain/Offset	CALIBRATION DATE	CALIBRATION TIME
BASE CALS	1038.392 - raw	1750.977 - raw	0.006 - gain 0.171 - off	M/D/Y> 8/20/2015	H:M:S> 8:24:20

MICRO INVERSE CALIBRATIONS

SERIAL NUM	RM8005				
MASTER CALIBRATIONS					
	LowVal: 0.020 ohmm	HighVal: 10.000 ohmm	Gain/Offset	CALIBRATION DATE	CALIBRATION TIME
BASE CALS	19.199 - raw	289.606 - raw	0.037 - gain -0.689 - off	M/D/Y> 9/3/2015	H:M:S> 10:15:24

MICRO NORMAL CALIBRATIONS					
SERIAL NUM	RM8005				
	MASTER CALIBRATIONS				
	LowVal: 0.020 ohmm	HighVal: 10.000 ohmm	Gain/Offset	CALIBRATION DATE	CALIBRATION TIME
BASE CALS	34.388 - raw	365.298 - raw	0.030 - gain -1.017 - off	M/D/Y> 9/3/2015	H:M:S> 10:30:5

MICRO CALIPER CALIBRATIONS					
SERIAL NUM		RM8005			
MASTER CALIBRATIONS					
	LowVal: 6.000 in	HighVal: 10.000 in	Gain/Offset	CALIBRATION DATE	CALIBRATION TIME
BASE CALS	2132.331 - raw	4128.839 - raw	0.002 - gain 1.728 - off	M/D/Y> 9/3/2015	H:M:S> 10:42:49

Company	CMX, INC.
Well	SUSANK2 #1-29
Field	TRAPP
County	BARTON
State	KANSAS



COMPENSATED NEUTRON
LITHOLOGY DENSITY
GAMMA RAY XY-CALIPER
MICROLOG