



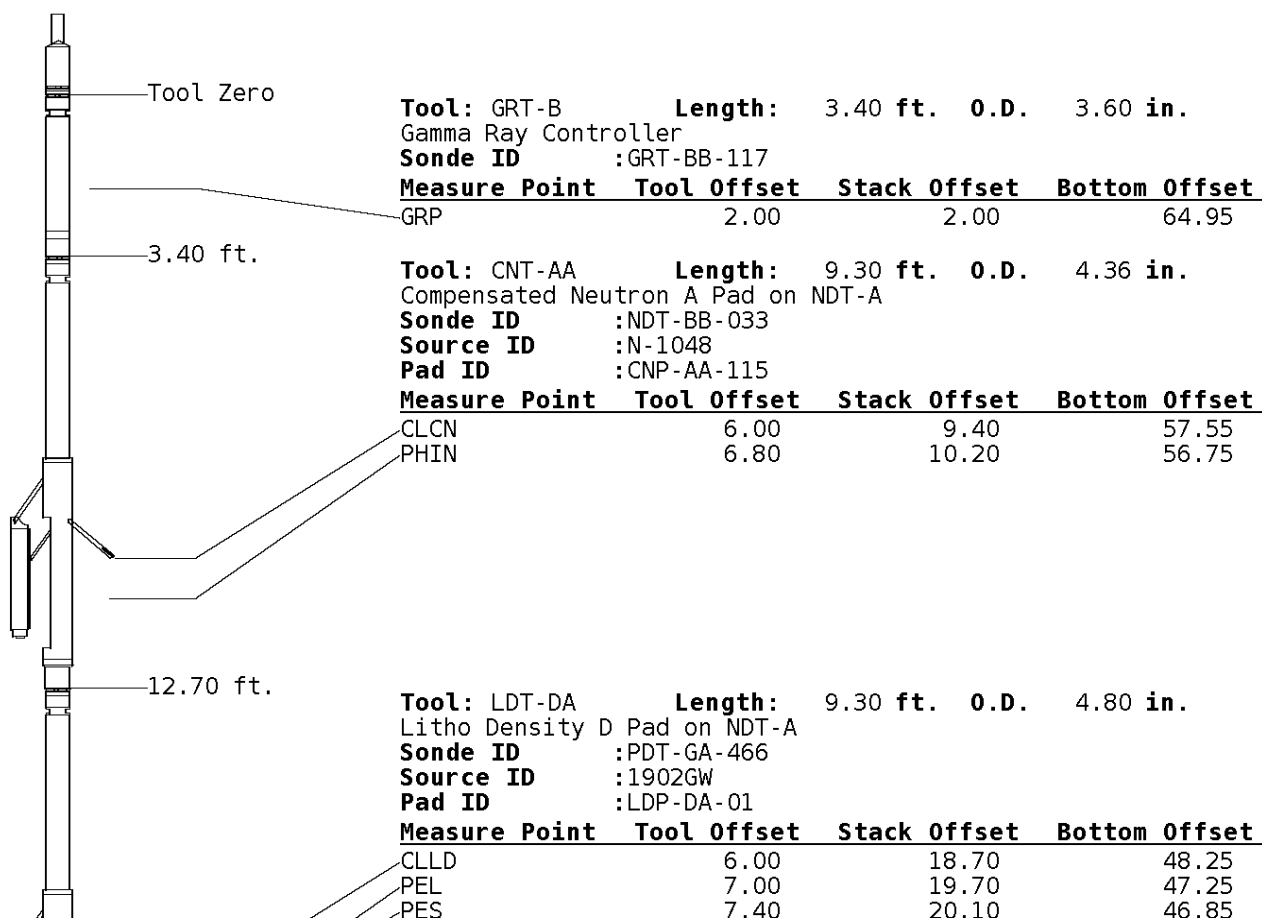
ALL PRESENTATIONS AS PER CUSTOMER REQUEST  
 GRT, CNT, LDT, MLT, CST AND PIT RUN IN COMBINATION.  
 CALIPERS ORIENTED ON X-Y AXIS.  
 2.71 G/CC USED TO CALCULATED POROSITY.  
 ANNULAR HOLE VOLUME CALCULATED USING 5.500" PRODUCTION CASING.  
 PHIN IS CALIPER CORRECTED

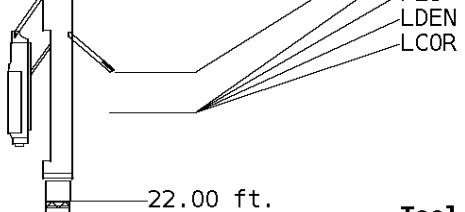
GRT: GRP.  
 CNT: PHIN, CLCNIN.  
 LDT: PORL,LCORN,PECLN,LDENN,PORLLS,CLLDIN.  
 MLT: NOR\_RF, INV\_RF, MSCLPIN.  
 CST: PORS, CDTF, TT1PF, TT2PF, TT3PF, TT4PF, ITT.  
 PIT: ILD, ILM, SPU, SFLAEC, CIRD

OPERATORS:  
 J.JOHNSON  
 A. DJAHO

### Tool String Schematic

**Total Tool Length** - 66.95 ft.  
**Maximum Outside diameter** - 6.00 in.  
**Net Weight in Air** - 1171.00 lbs.



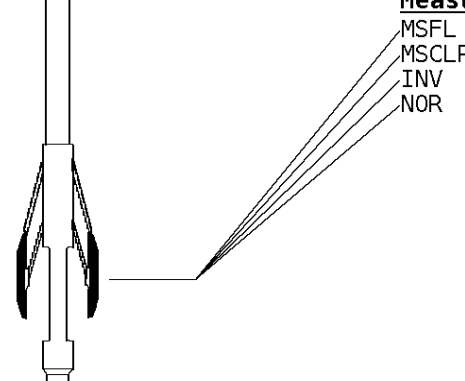


7.20 19.90 47.05  
 7.20 19.90 47.05

22.00 ft.

**Tool:** MST-DA      **Length:** 9.66 ft.   **O.D.** 6.00 in.  
 Micro Spherically Focused (IC)  
**Sonde ID** :MST-DA-32

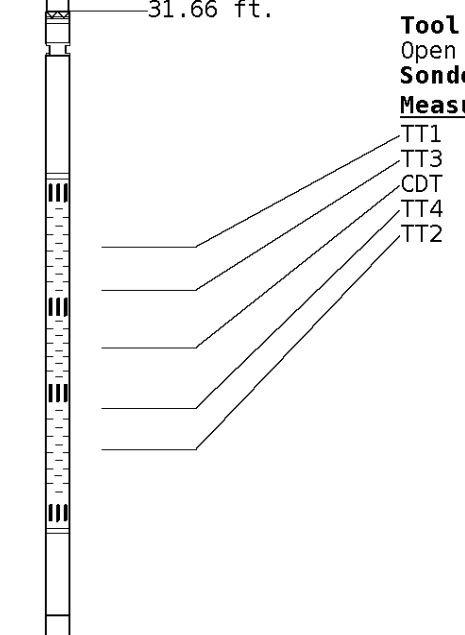
Measure Point	Tool Offset	Stack Offset	Bottom Offset
MSFL	7.60	29.60	37.35
MSCLP	7.60	29.60	37.35
INV	7.60	29.60	37.35
NOR	7.60	29.60	37.35



31.66 ft.

**Tool:** CST-AD      **Length:** 13.80 ft.   **O.D.** 3.60 in.  
 Open Hole Sonic  
**Sonde ID** :CST-AB-012

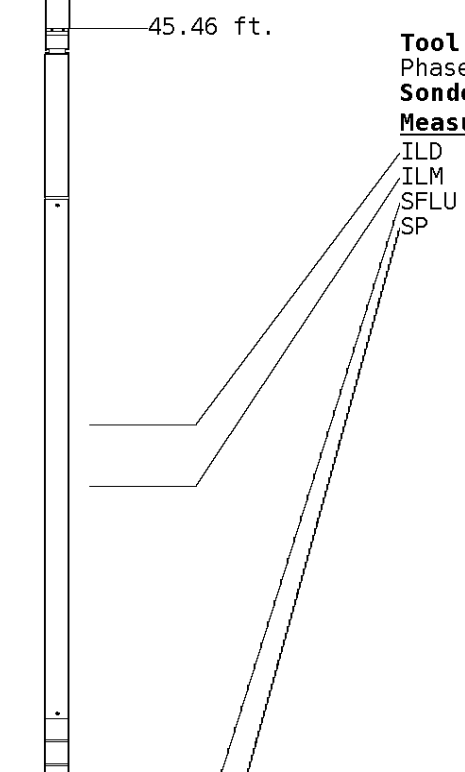
Measure Point	Tool Offset	Stack Offset	Bottom Offset
TT1	4.80	36.46	30.49
TT3	5.80	37.46	29.49
CDT	7.30	38.96	27.99
TT4	8.80	40.46	26.49
TT2	9.80	41.46	25.49



45.46 ft.

**Tool:** PIT-CA      **Length:** 21.49 ft.   **O.D.** 3.62 in.  
 Phased Dual Induction w/ RM & D  
**Sonde ID** :PIT-AB-16

Measure Point	Tool Offset	Stack Offset	Bottom Offset
ILD	8.92	54.38	12.56
ILM	10.10	55.56	11.39
SFLU	17.49	62.95	4.00
SP	20.60	66.06	0.88



LWT 66.95 ft.

Well File: EVERTSON GILSDORF 31-7 DEC8 QUINT  
 Segment: V1.D1.S6 Reprocess of MAIN  
 Reference: 0

Scale: 1:240 Format: NLD-240  
 Acquired: 2013-12/08 18:04 3.3.0-12261  
 Processed: 2013-12/08 19:01 3.3.0-12261


<b>CALIPER MICRO INCHES (IN)</b>	
16	26
6	16

<b>BIT SIZE INCHES (IN)</b>	
6	16

<b>NEUTRON (Y) CALIPER INCHES (IN)</b>	
16	26
6	16

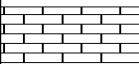
<b>NORMAL OHMM</b>	
0	40
<b>INVERSE OHMM</b>	
0	40

<b>DENSITY (X) CALIPER INCHES (IN)</b>	
16	26
6	16

Volume Quartz	<b>PE CROSS-SECTION BARN/ELECTRON</b>
	0 10

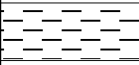
<b>DENSITY CORRECTION G/CC</b>	
-0.25	0.25

<b>TENSION LBS</b>	
10000	0

Volume Calcite	<b>DENSITY POROSITY (2.71g/cc) PERCENT</b>
	70 30
	-10

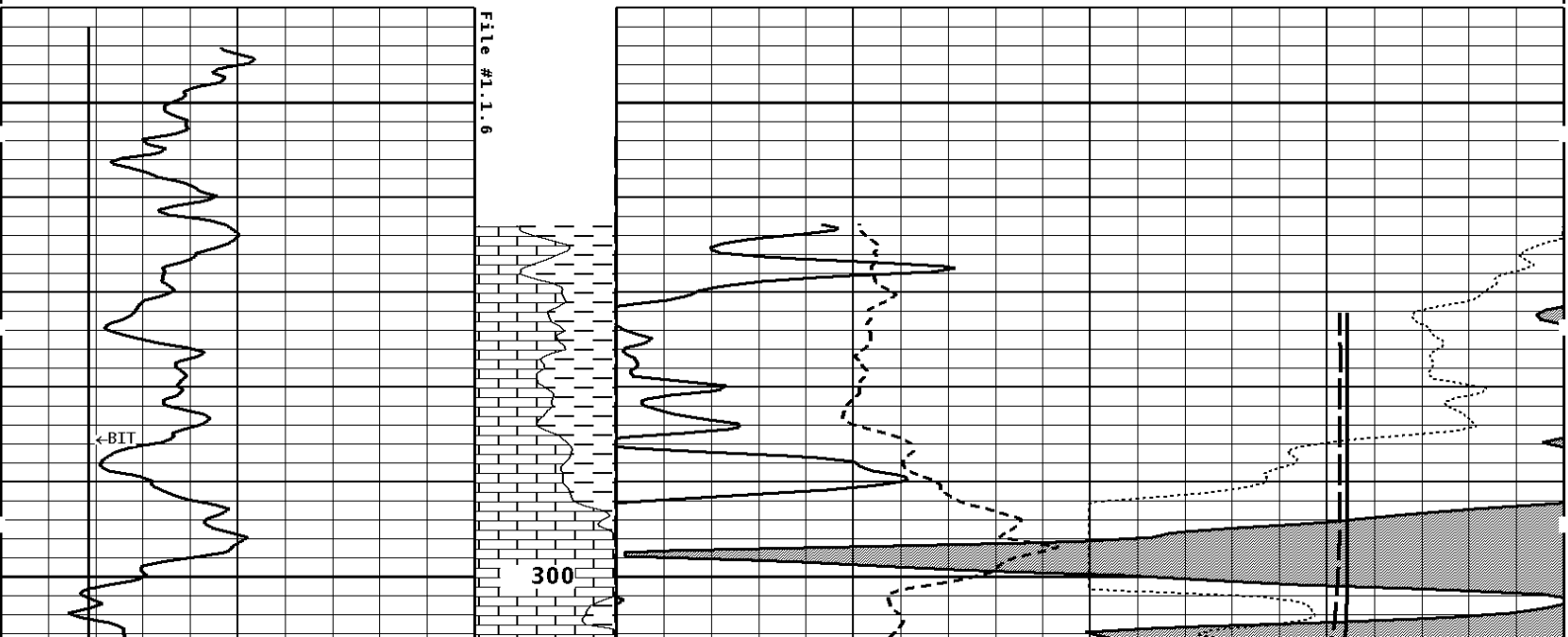
	30
	-10
	-50

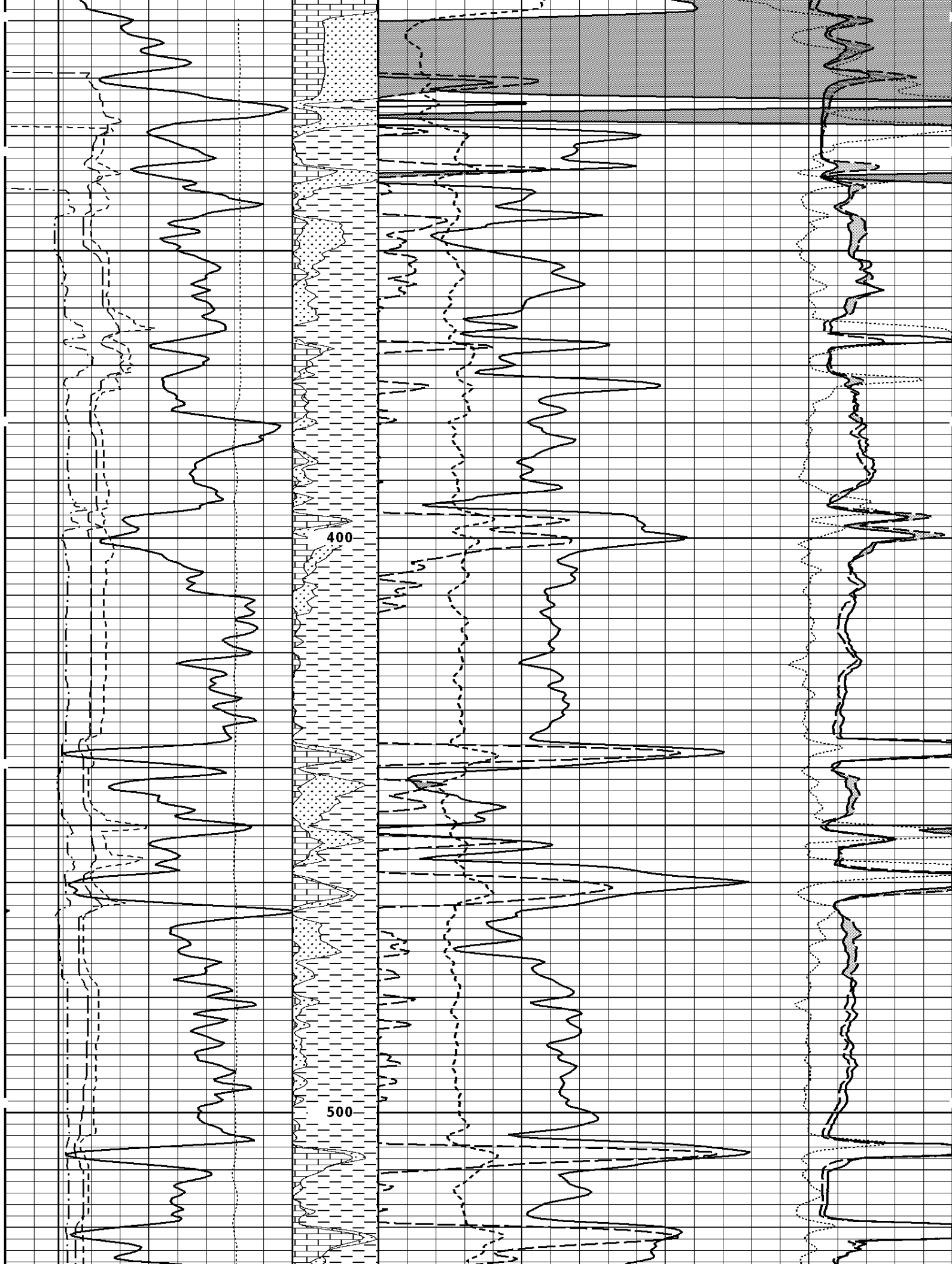
<b>GAMMA RAY API UNITS</b>	
150	300
0	150

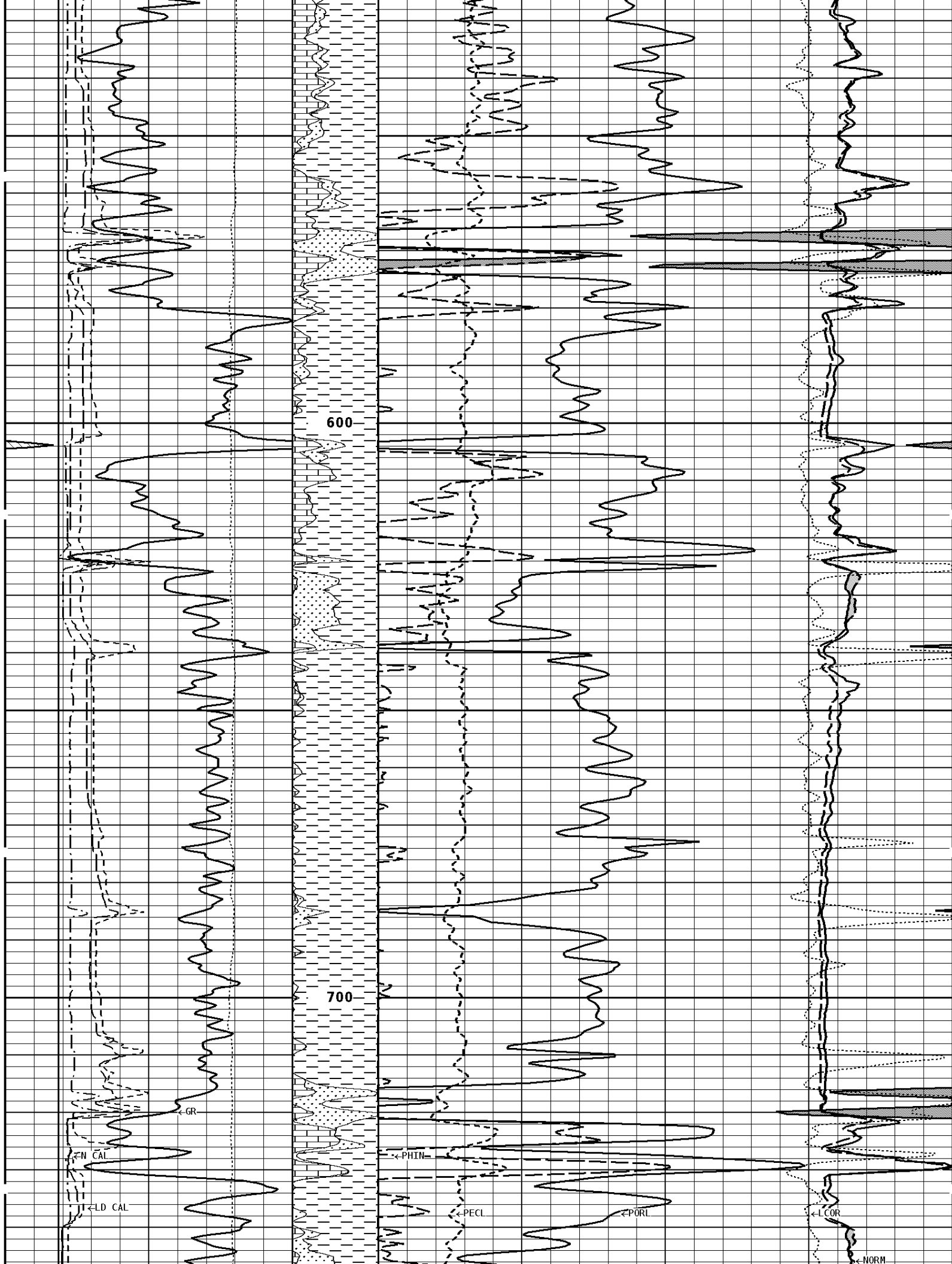
Volume Dolo/Shale	<b>NEUTRON POROSITY (LIMESTONE) PERCENT</b>
	30

	-10
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**1:240 MAIN SECTION**







2-N CAL

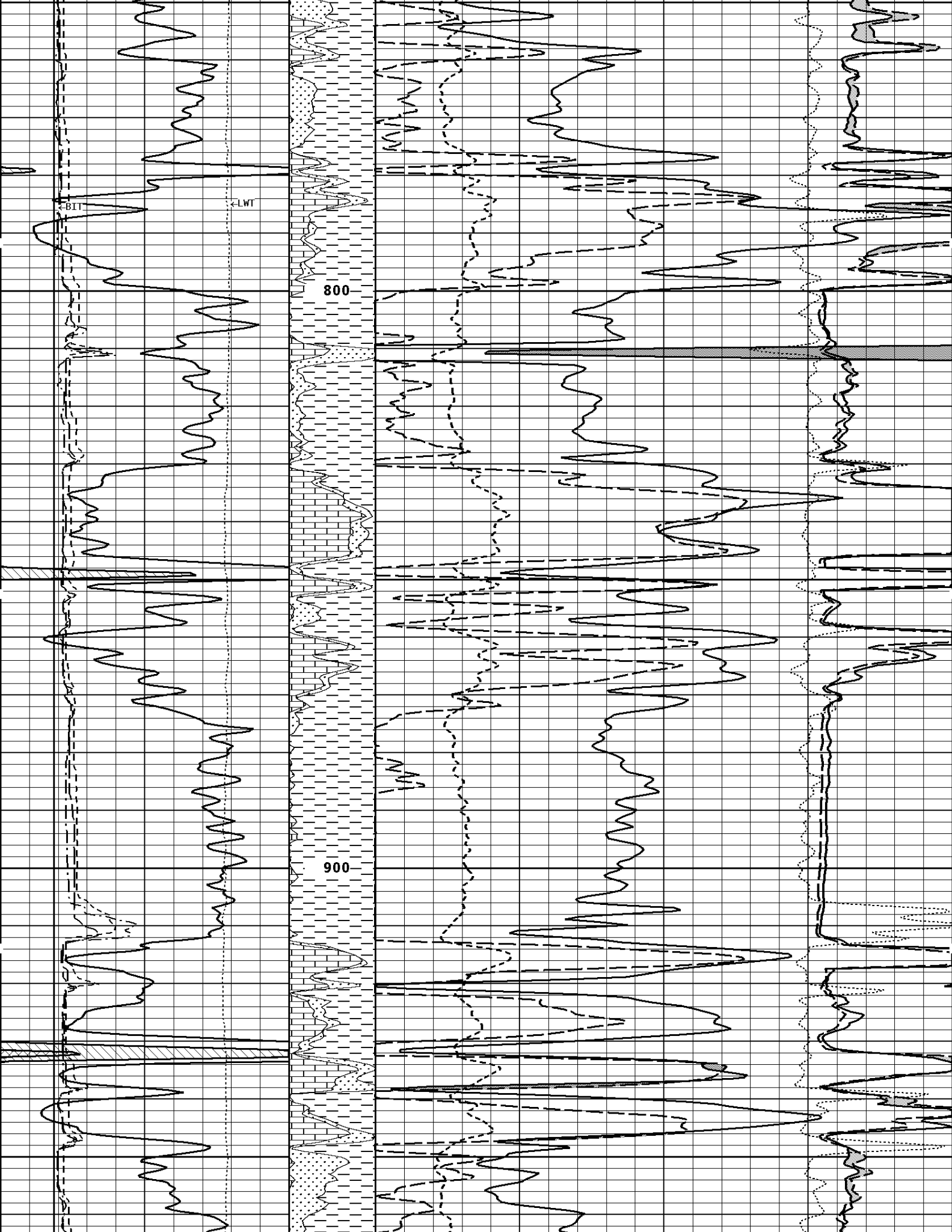
INV

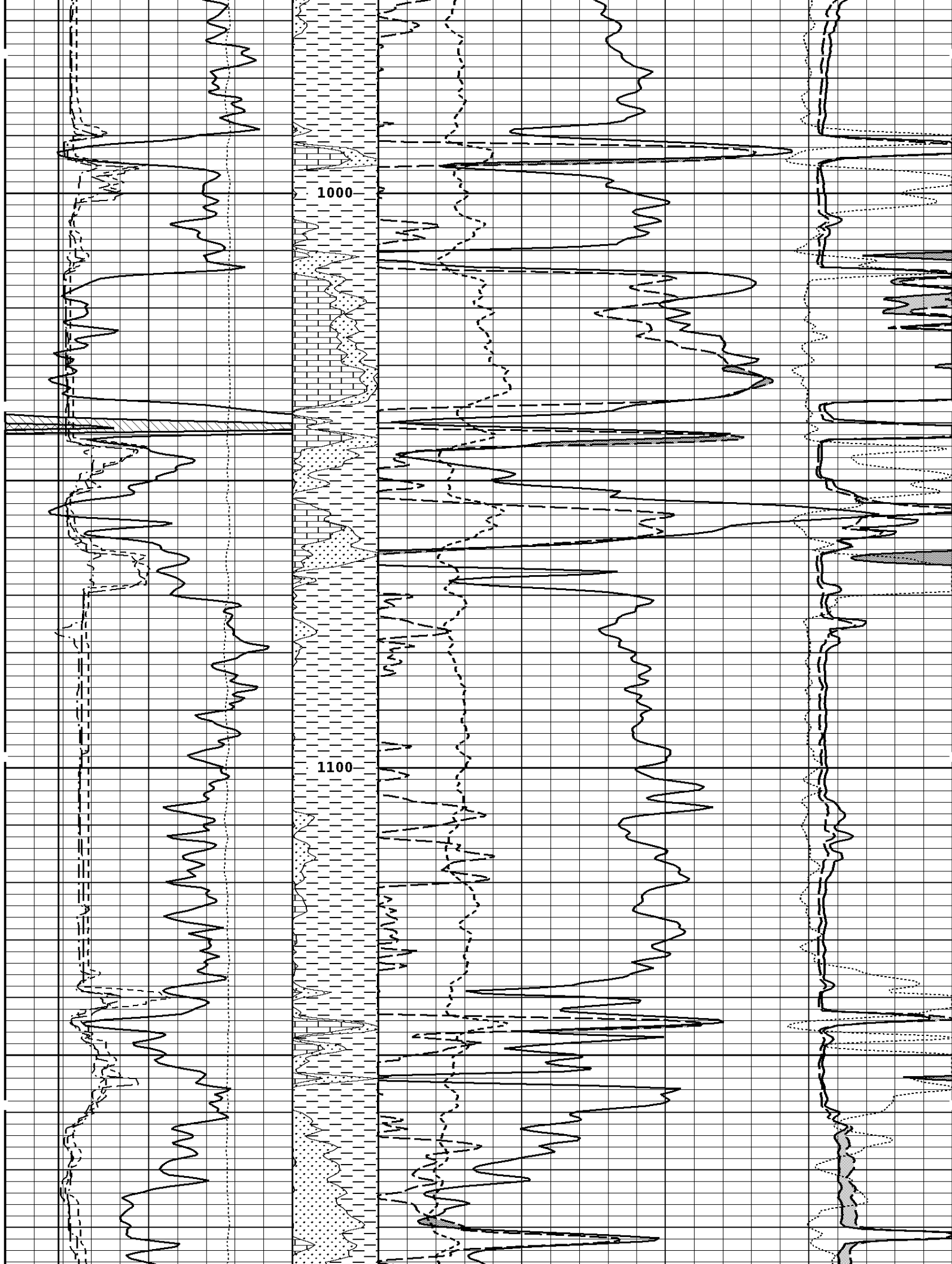
BIT

LWT

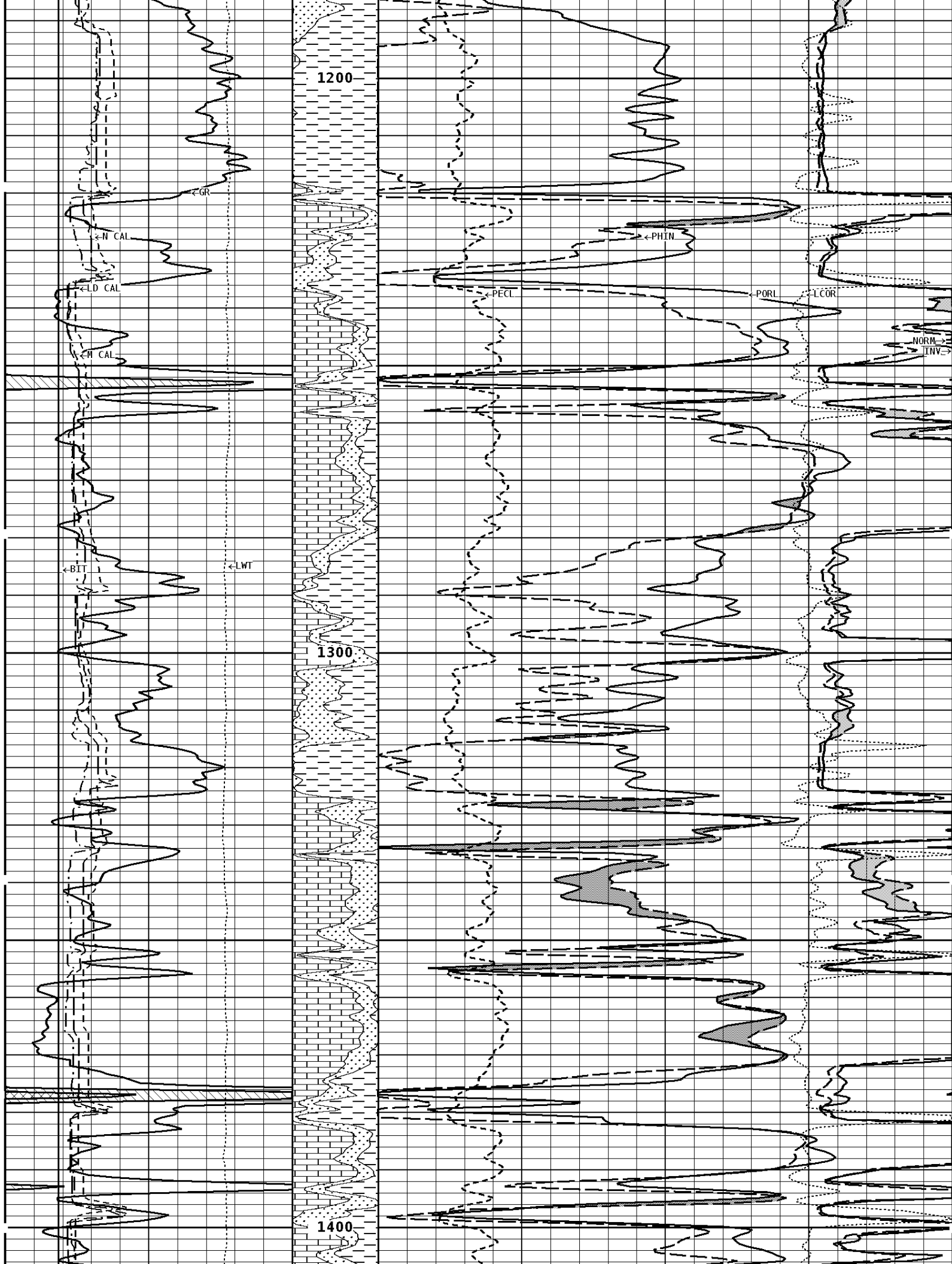
800

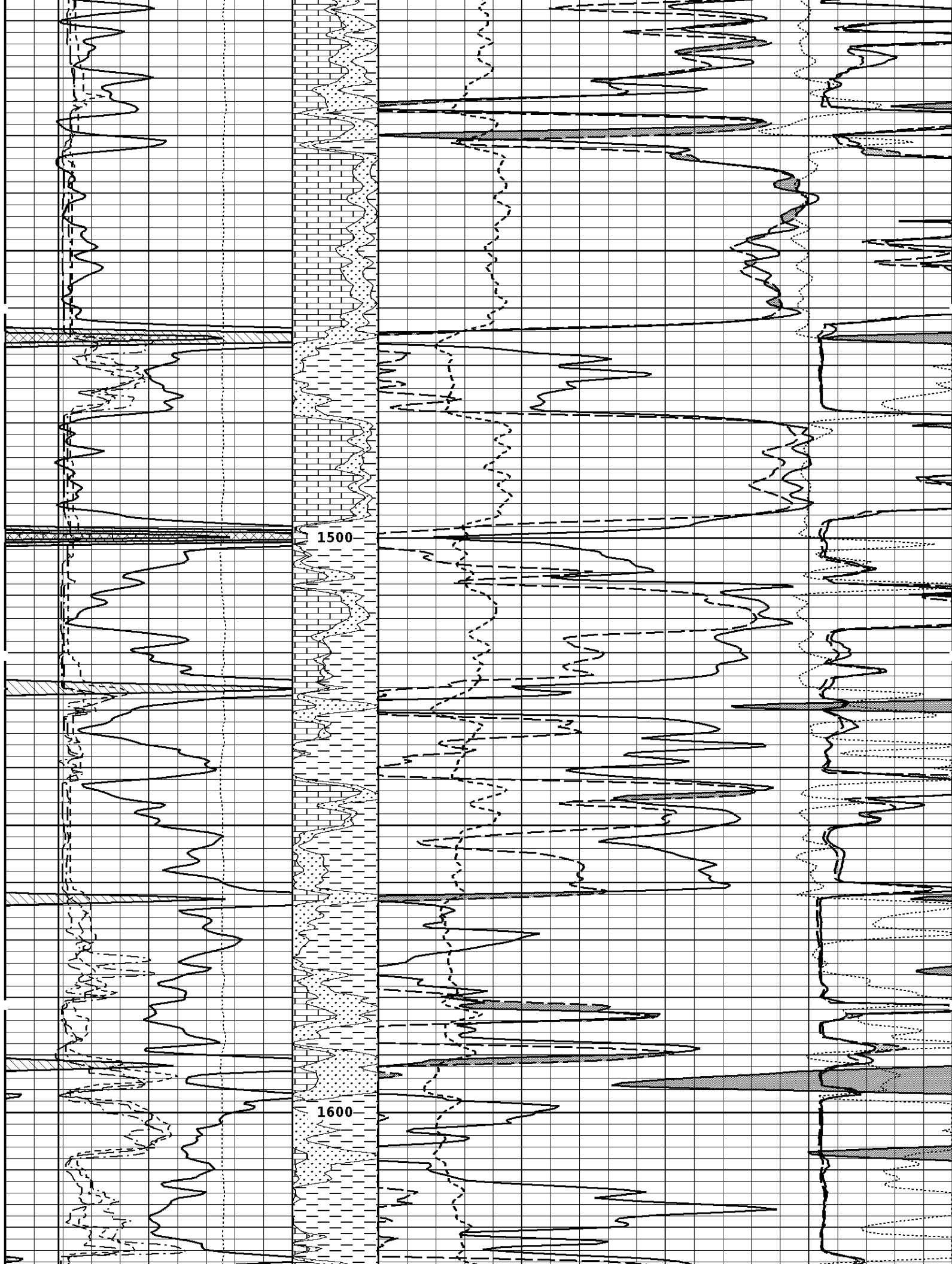
900

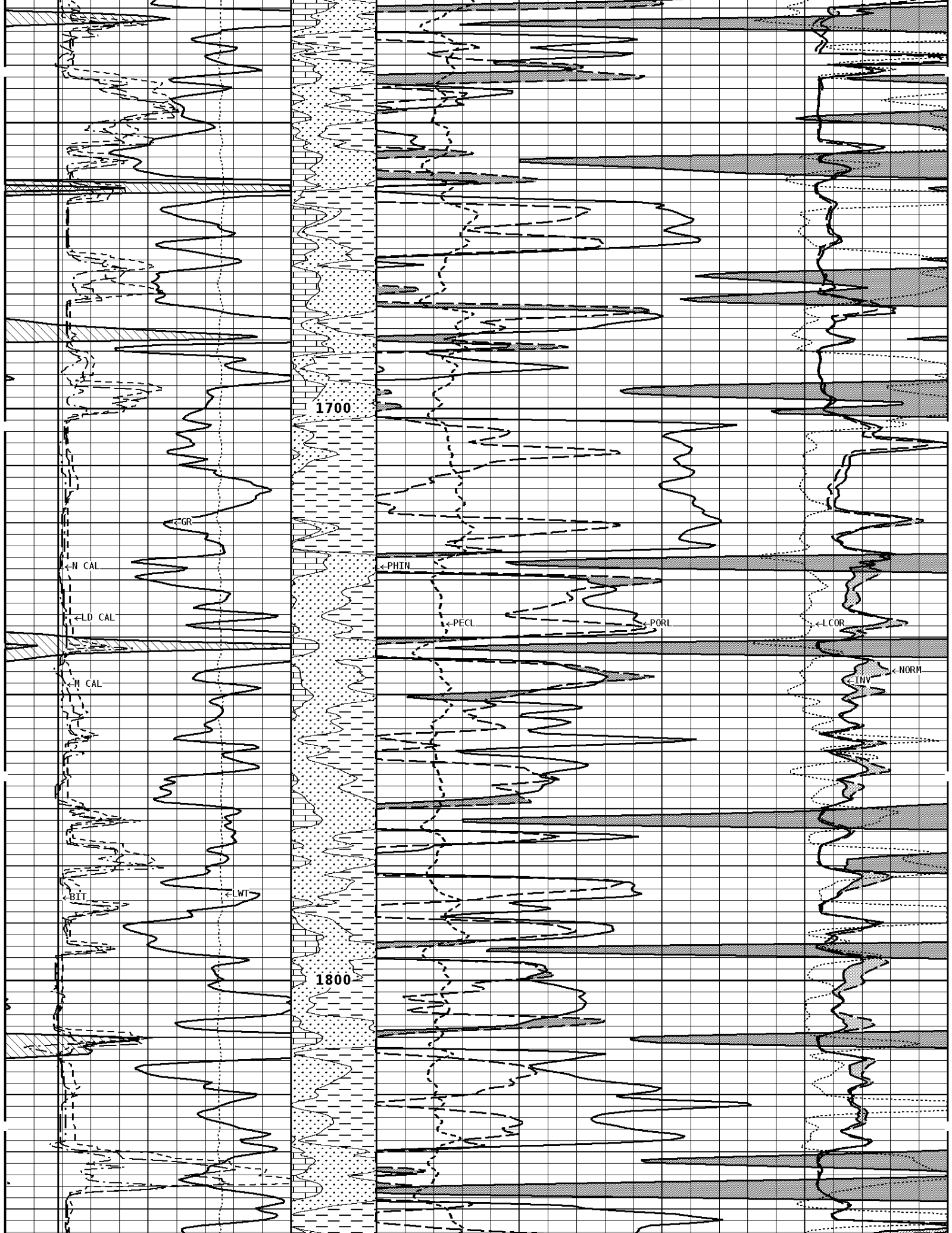


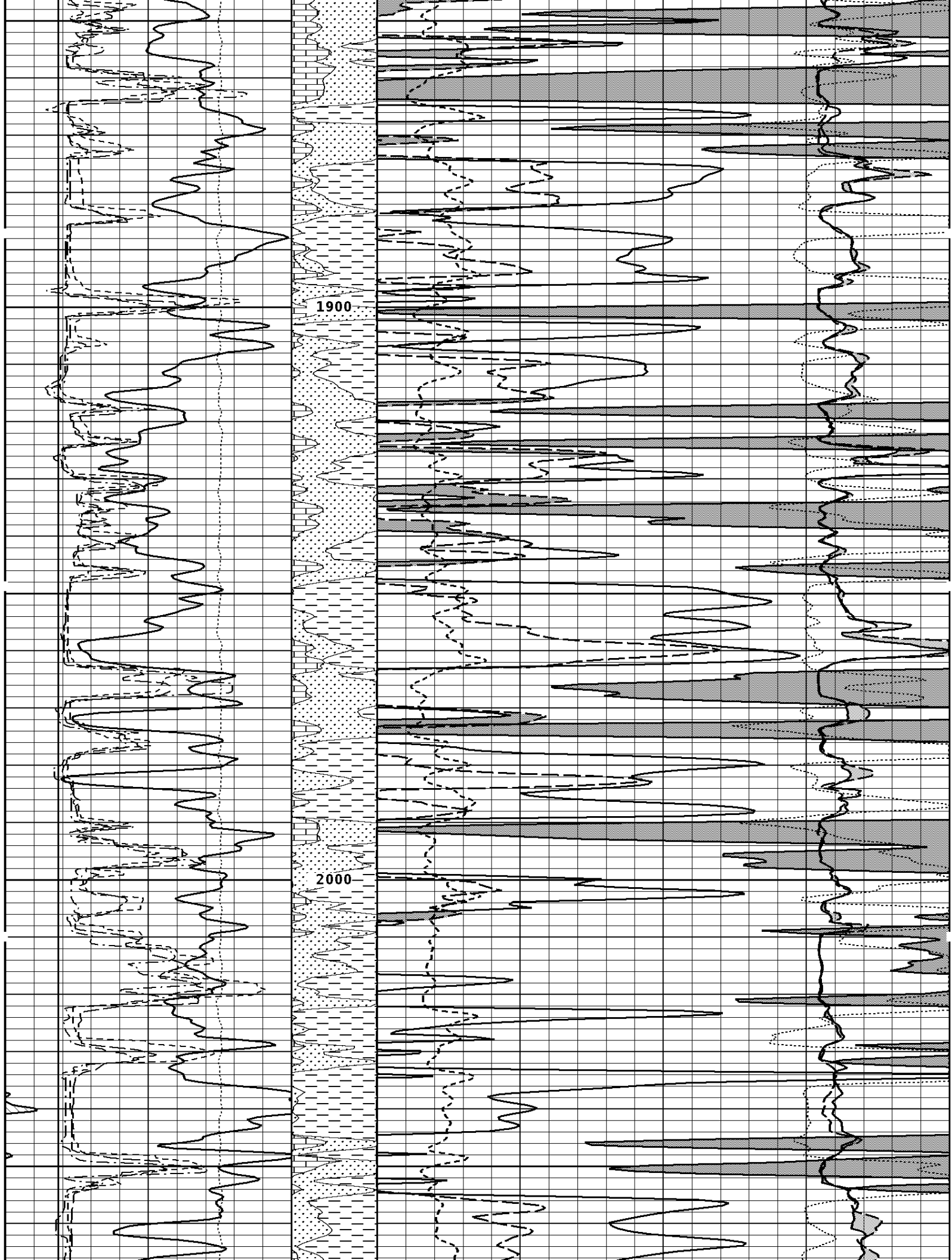


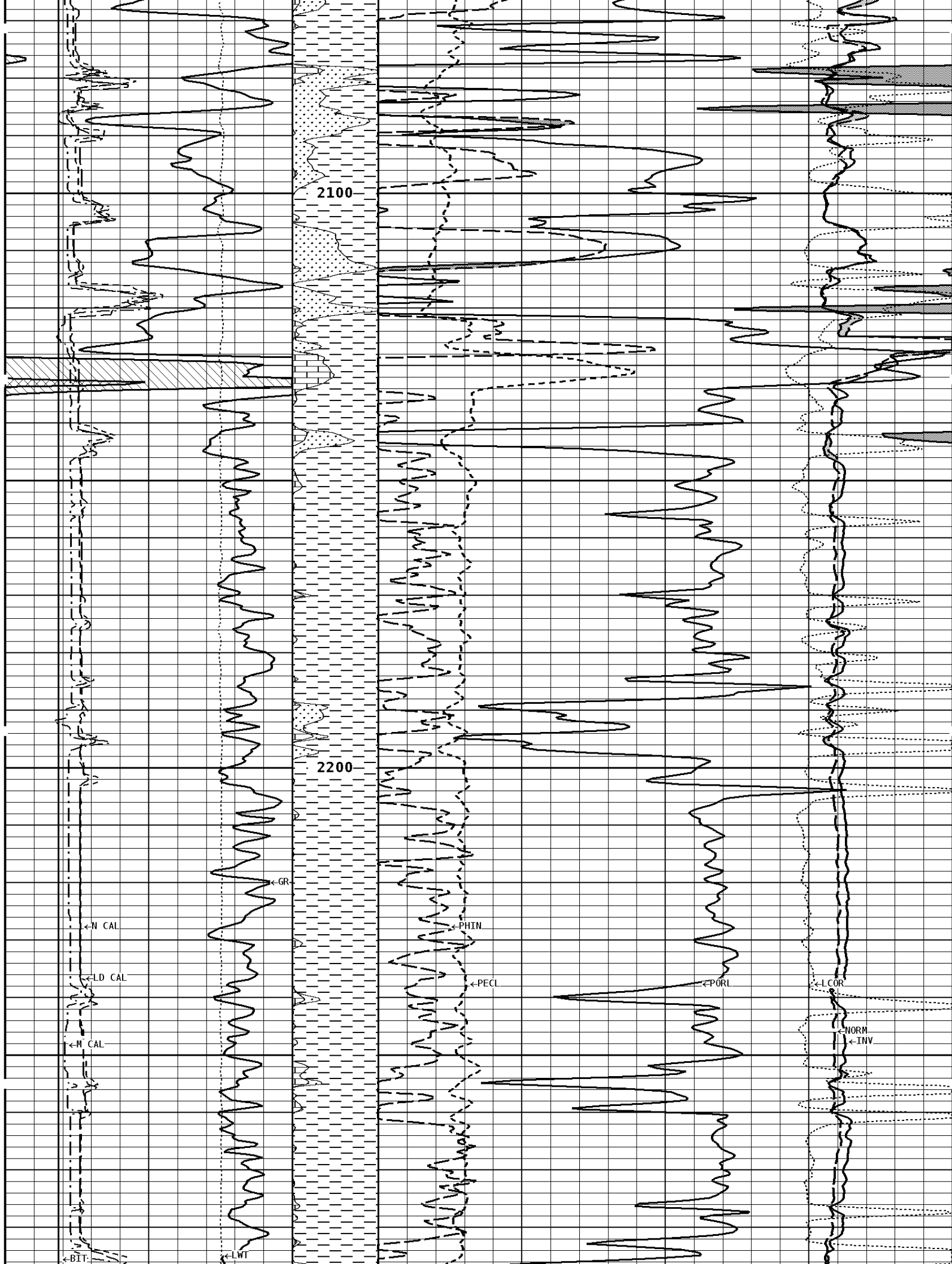












2100

2200

← GR

← N CAL

← LD CAL

← N CAL

← BT

← PHIN

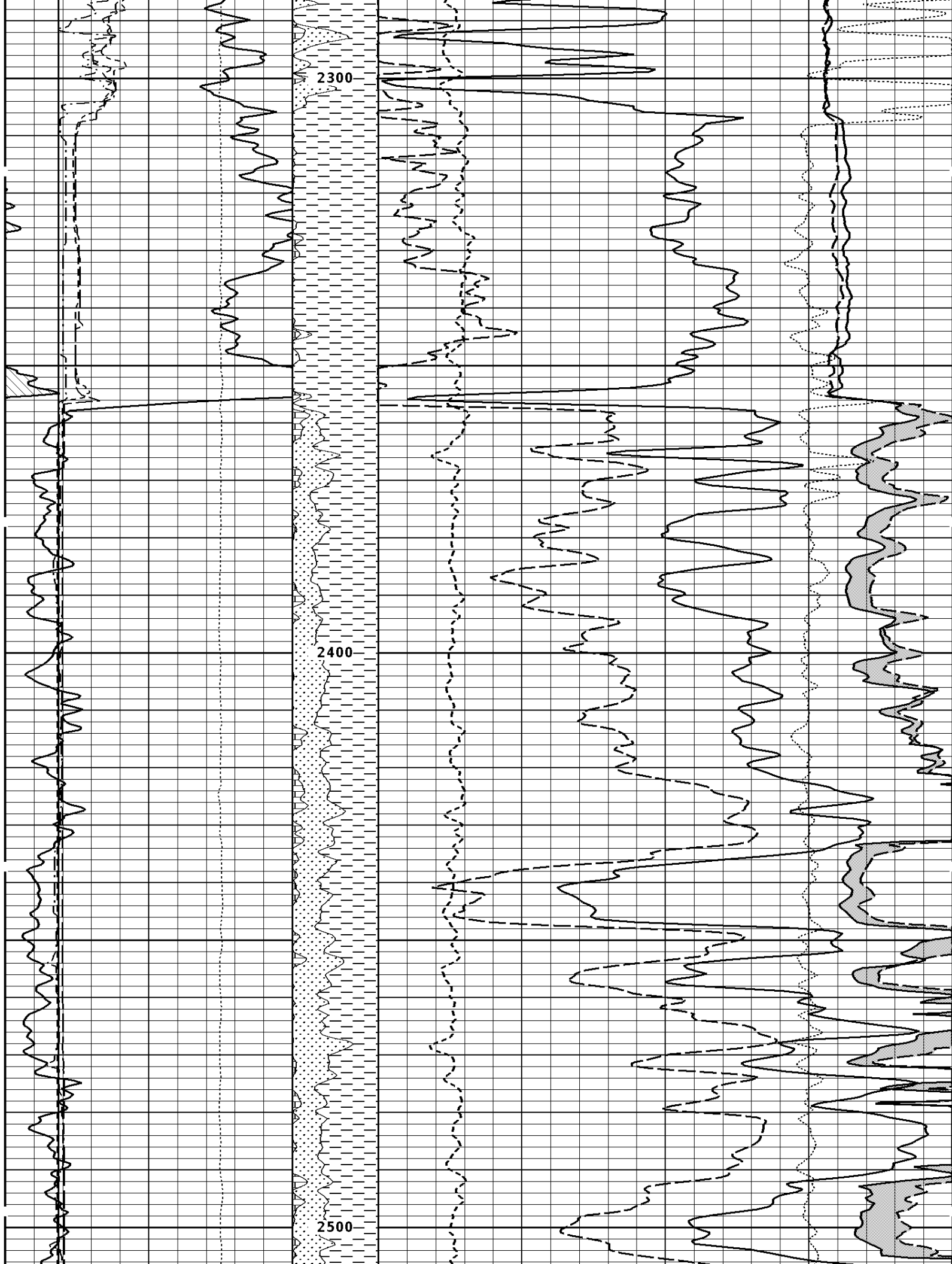
← PECL

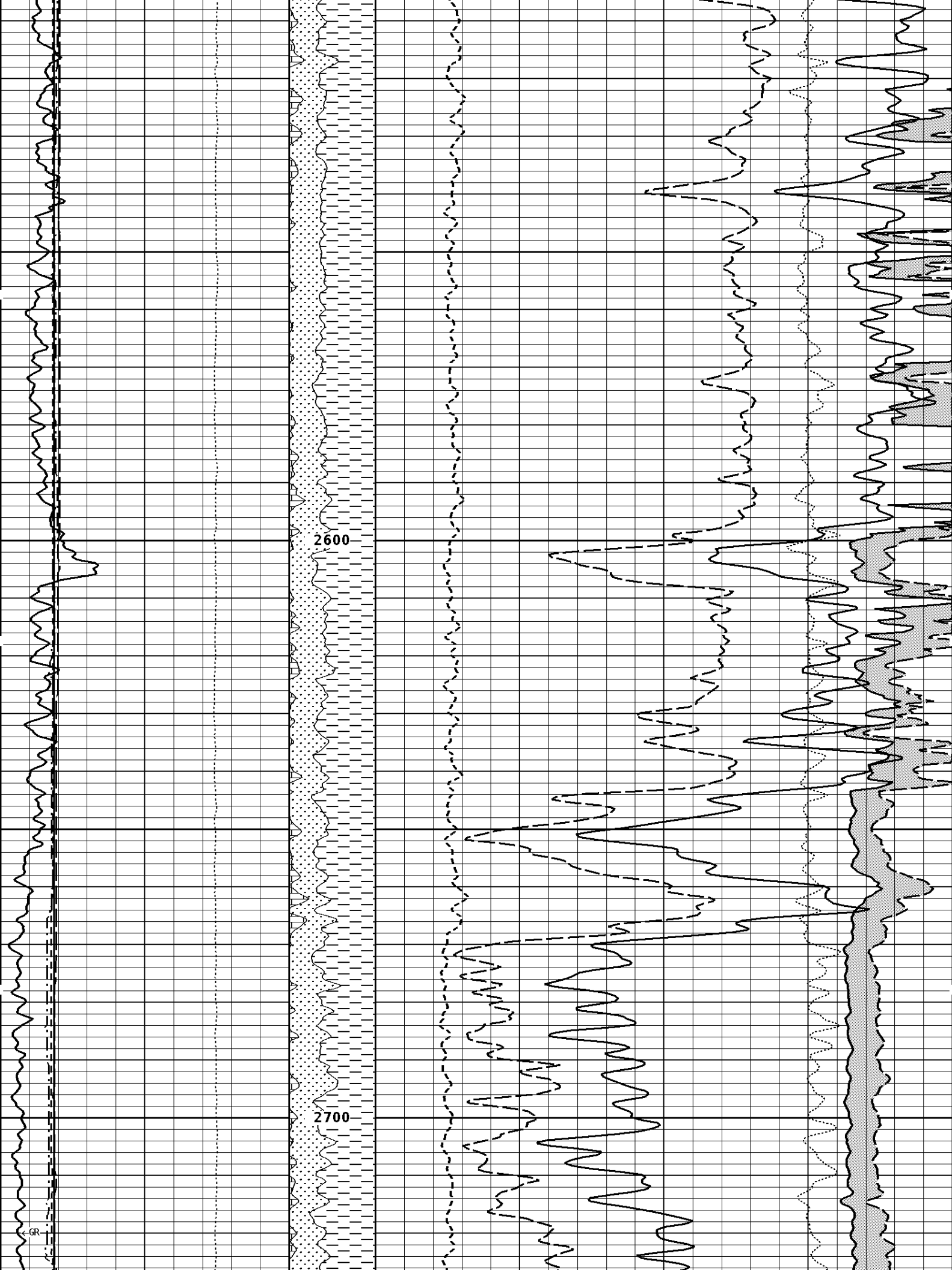
← PORI

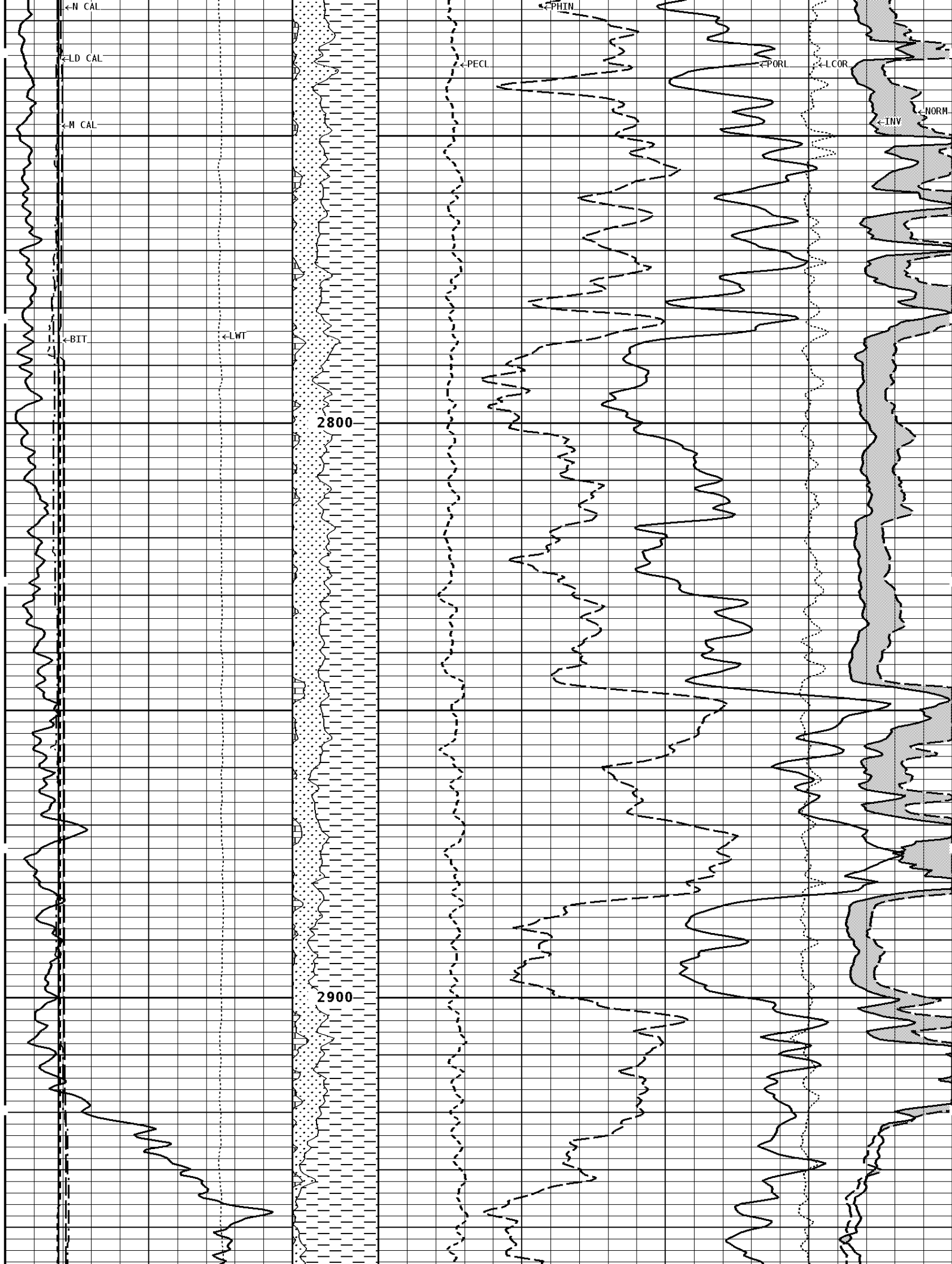
← L COR

← NORM

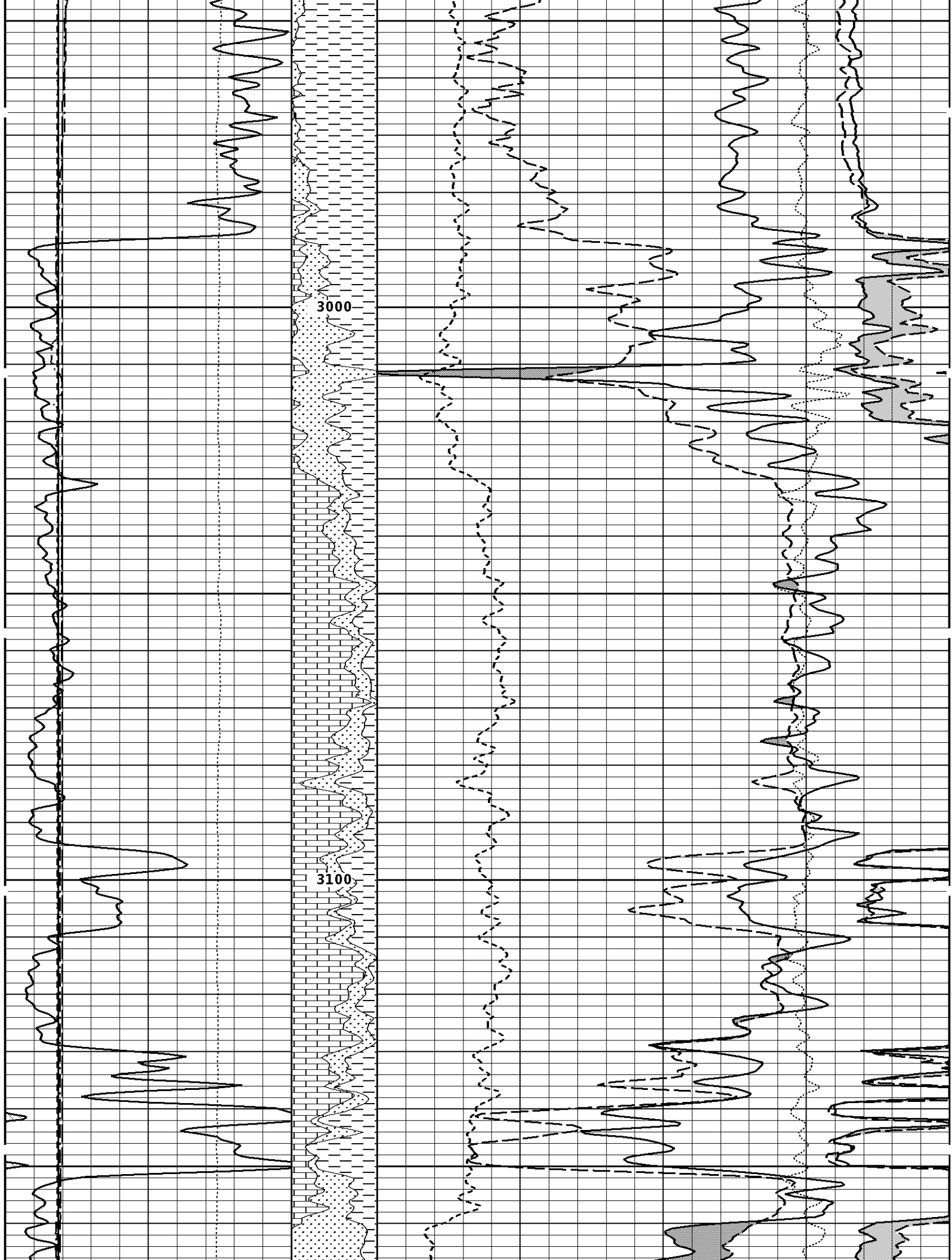
← INV

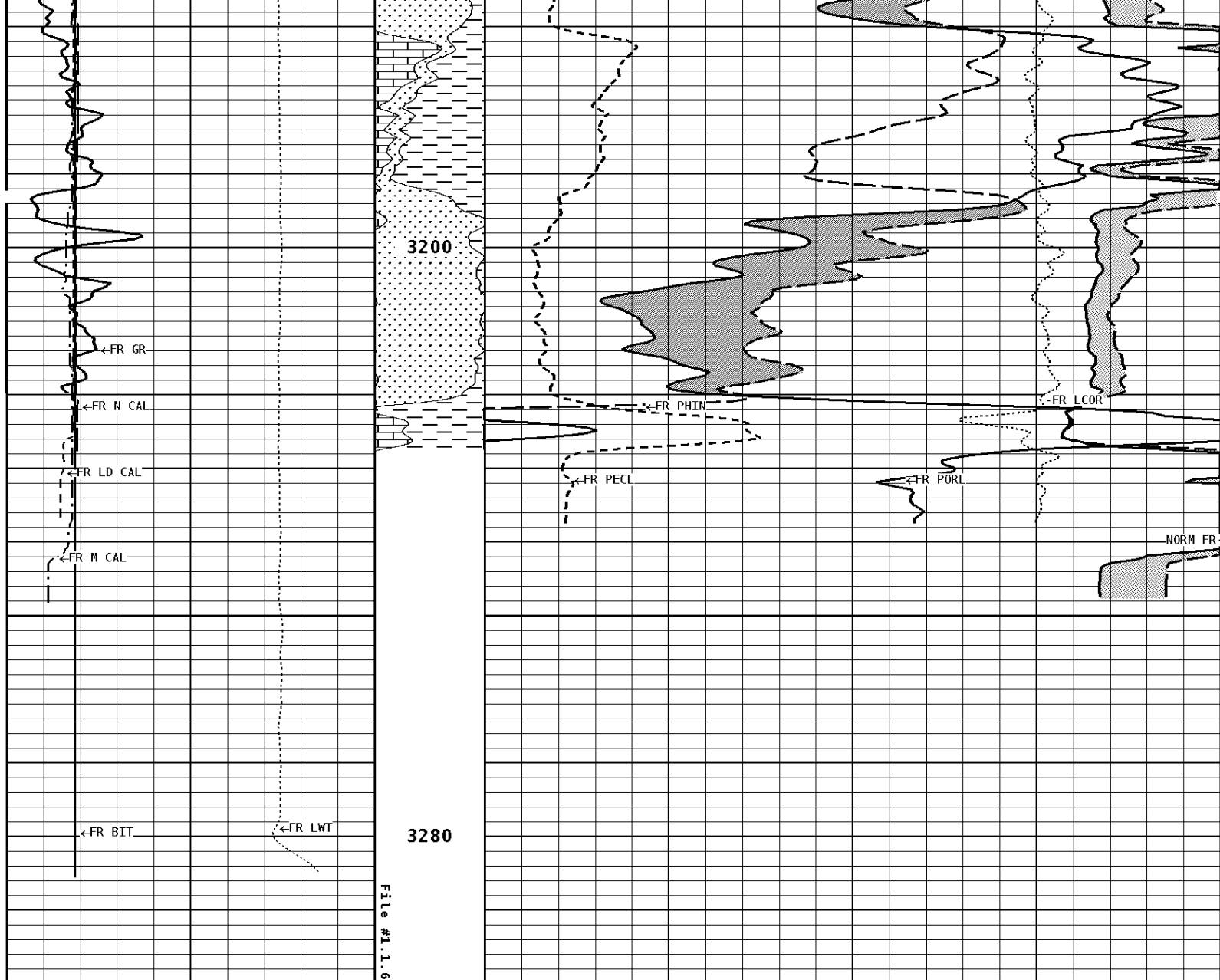












**1:240 MAIN SECTION**

<b>GAMMA RAY API UNITS</b> 150 0  300 150		Volume Dolo/Shale 30	<b>NEUTRON POROSITY (LIMESTONE) PERCENT</b> -10	
<b>TENSION LBS</b> 10000 0		Volume Calcite 70 30 -10	<b>DENSITY POROSITY (2.71g/cc) PERCENT</b> 30 -10 -50	
<b>DENSITY (X) CALIPER INCHES (IN)</b> 16 6 26 16		Volume Quartz 0	<b>PE CROSS-SECTION BARN/ELECTRON</b> 10	<b>DENSITY CORRECTION G/CC</b> -0.25 0.25
<b>NEUTRON (Y) CALIPER INCHES (IN)</b> 16 6 26 16				<b>INVERSE OHMH</b> 0 40
<b>BIT SIZE INCHES (IN)</b> 6 16				<b>NORMAL OHMH</b> 0 40

<b>CALIPER MICRO INCHES (IN)</b>	
16	26
6	16
-----	

**\* Borehole Zone Factors \***

<b>Zone 1 9999.0 to 0.0 Feet</b>		
Matrix Density _____	2.71	g/cc
Fluid Density _____	1.00	g/cc
Formation Matrix _____	Limestone	
Drill Bit Size _____	7.875	in
Casing Diameter _____	5.500	in
Casing Thickness _____	0.250	in
Casing Correction (PHI N) _____	Disable	

<b>Well File:</b> EVERTSON_GILSDORF_31-7 DEC8 QUINT	<b>Scale:</b> 1:240	<b>Format:</b> NLD-240
<b>Segment:</b> V1.D1.S3 Reprocess of REPEAT	<b>Acquired:</b> 2013-12/08 17:41 3.3.0-12261	
<b>Reference:</b> 0	<b>Processed:</b> 2013-12/08 17:55 3.3.0-12261	

<b>CALIPER MICRO INCHES (IN)</b>	
16	26
6	16
-----	


<b>BIT SIZE INCHES (IN)</b>	
6	16

<b>NORMAL OHMM</b>	
0	40
-----	

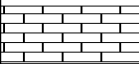
<b>NEUTRON (Y) CALIPER INCHES (IN)</b>	
16	26
6	16
-----	

<b>INVERSE OHMM</b>	
0	40
-----	


<b>DENSITY (X) CALIPER INCHES (IN)</b>	
16	26
6	16
-----	

Volume Quartz	<b>PE CROSS-SECTION BARNES/ELECTRON</b>	<b>DENSITY CORRECTION G/CC</b>
	0 ----- 10	-0.25 ----- 0.25

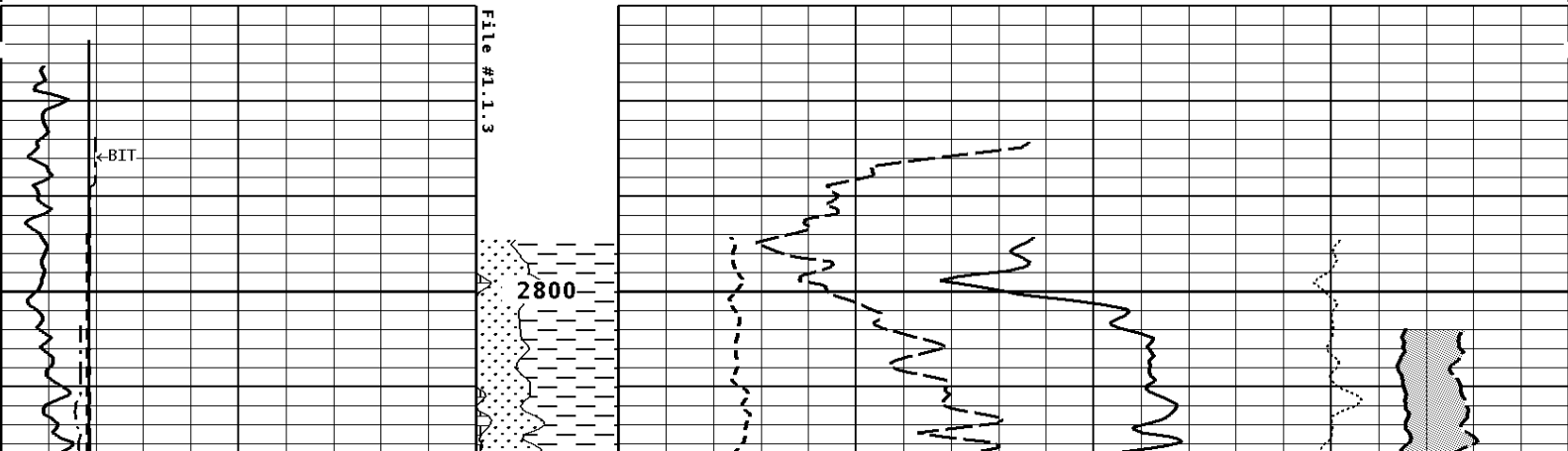
<b>TENSION LBS</b>	
10000	0
-----	

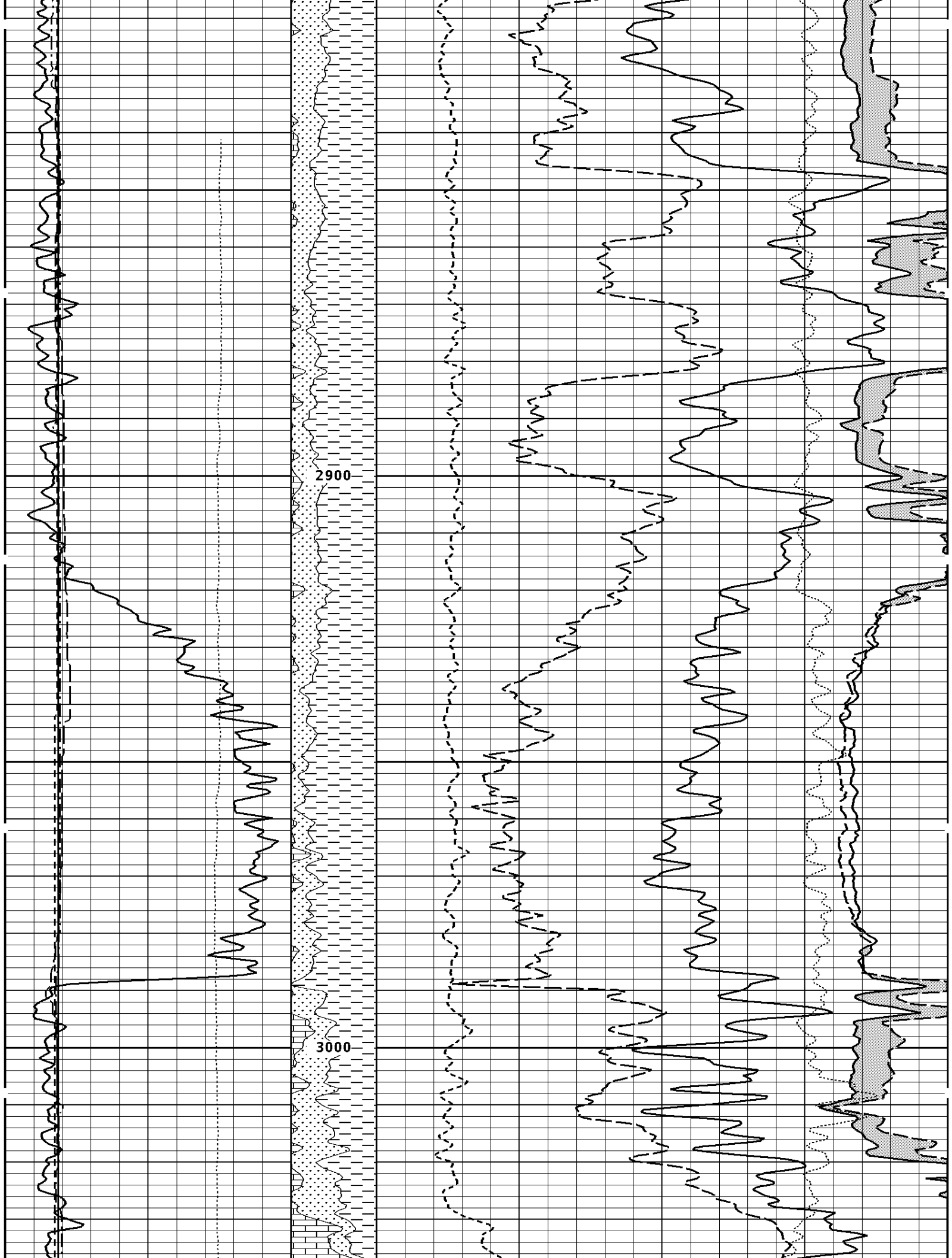
Volume Calcite	<b>DENSITY POROSITY (2.71g/cc) PERCENT</b>	
	70 30 -10	30 -10 -50

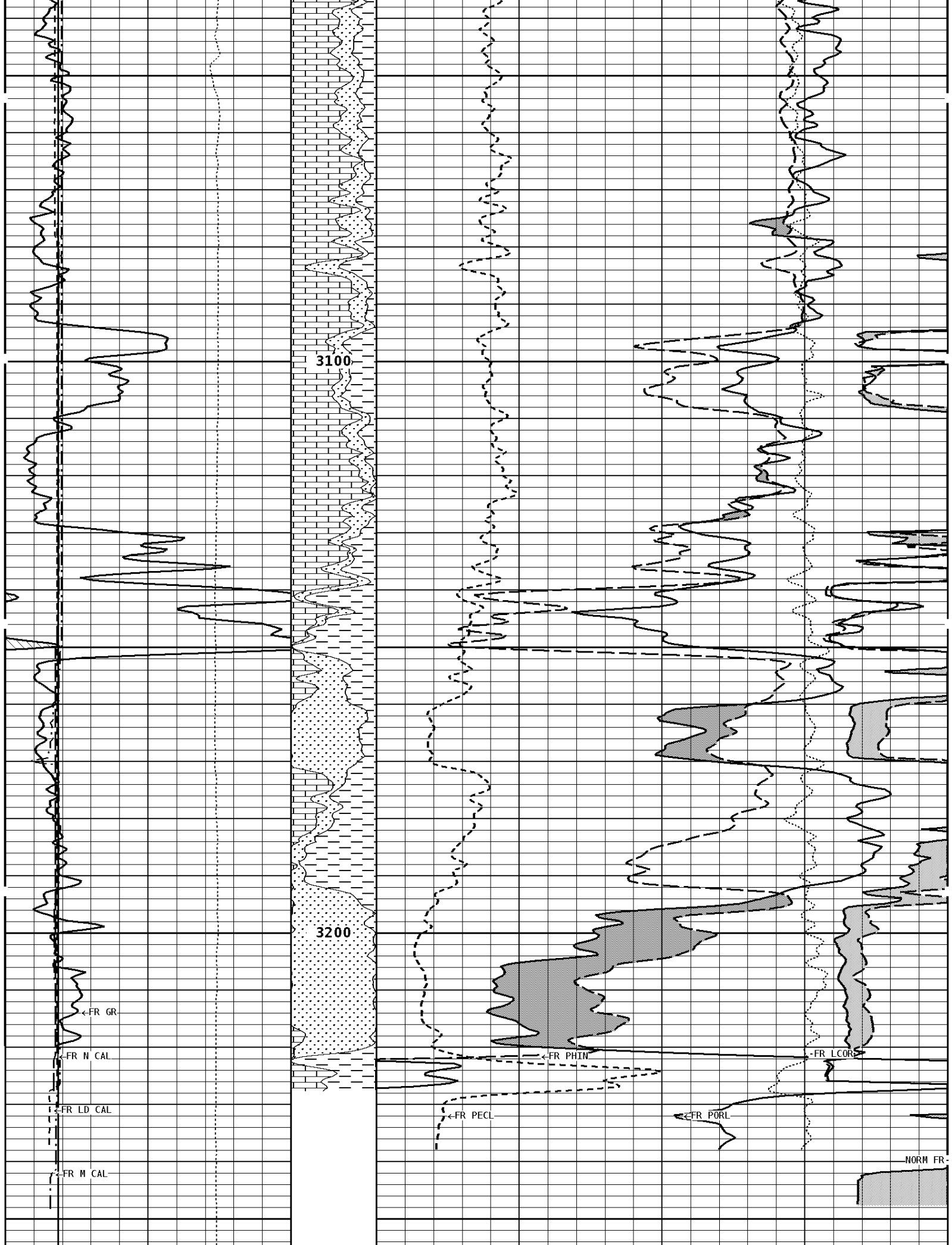
<b>GAMMA RAY API UNITS</b>	
150	300
0	150
-----	

Volume Dolo/Shale	<b>NEUTRON POROSITY (LIMESTONE) PERCENT</b>	
	30	-10

**1:240 REPEAT 2.71 SECTION**







3100

3200

<FR GR

<FR N CAL

<FR LD CAL

<FR M CAL

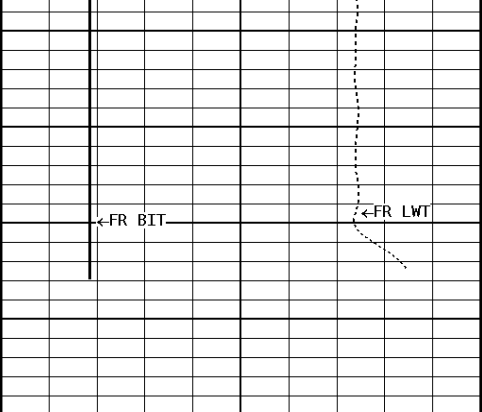
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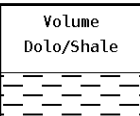
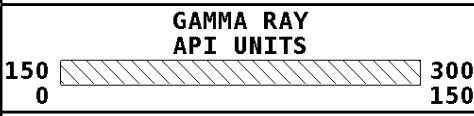
NORM FR



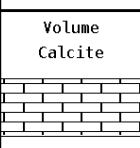
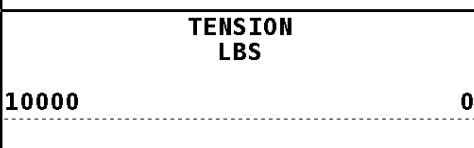
3280

File #1.1.3

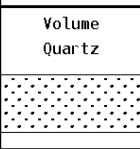
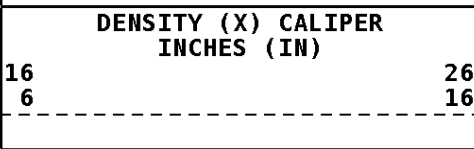
**1:240 REPEAT 2.71 SECTION**



<b>NEUTRON POROSITY (LIMESTONE) PERCENT</b>	
30	-10

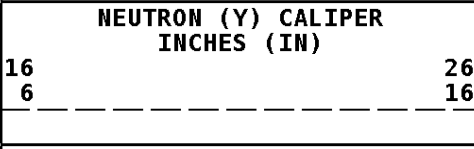


<b>DENSITY POROSITY (2.71g/cc) PERCENT</b>	
70	30
30	-10
-10	-50



<b>PE CROSS-SECTION BARNS/ELECTRON</b>	
10	-0.25

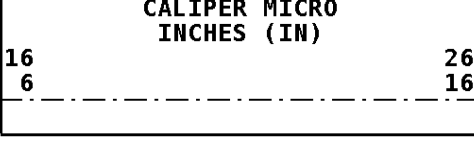
<b>DENSITY CORRECTION G/CC</b>	
0	0.25



<b>INVERSE OHMH</b>	
0	40



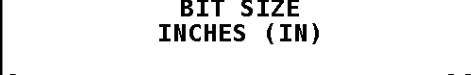
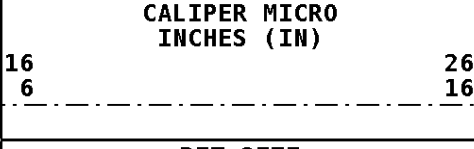
<b>NORMAL OHMH</b>	
0	40



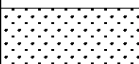
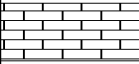
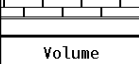
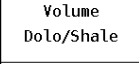
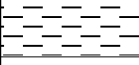
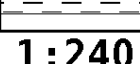
**\* Borehole Zone Factors \***

<b>Zone 1 99999.0 to 0.0 Feet</b>		
Matrix Density	2.71	g/cc
Fluid Density	1.00	g/cc
Formation Matrix	Limestone	
Drill Bit Size	7.875	in
Casing Diameter	5.500	in
Casing Thickness	0.250	in
Casing Correction (PHI N)	Disable	

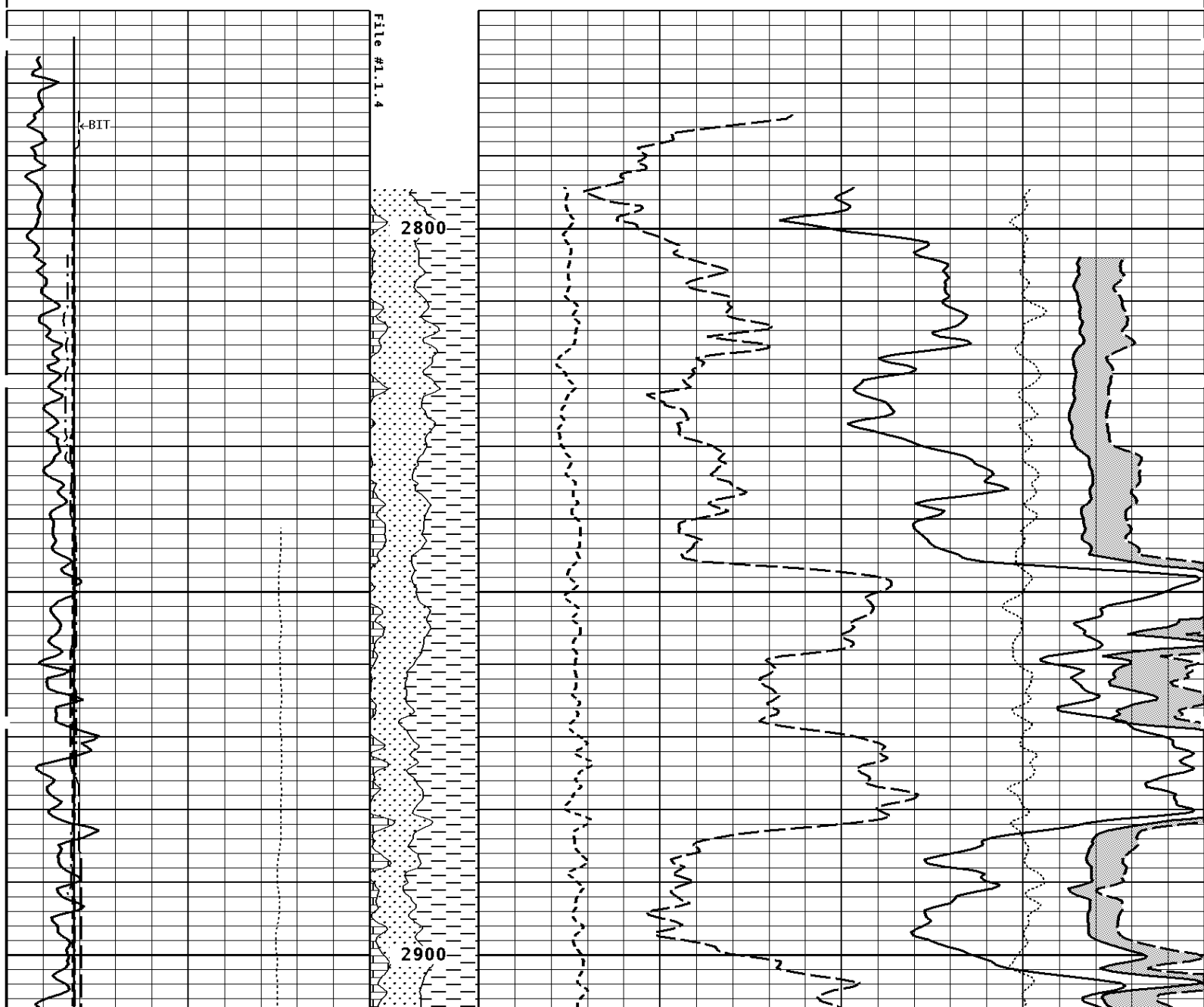
<b>Well File:</b> EVERTSON GILSDORF 31-7 DEC8 QUINT	<b>Scale:</b> 1:240	<b>Format:</b> NLD-240
<b>Segment:</b> V1.D1.S4 Reprocess of REPEAT 2.65	<b>Acquired:</b> 2013-12/08 17:41 3.3.0-12261	
<b>Reference:</b> 0	<b>Processed:</b> 2013-12/08 17:58 3.3.0-12261	

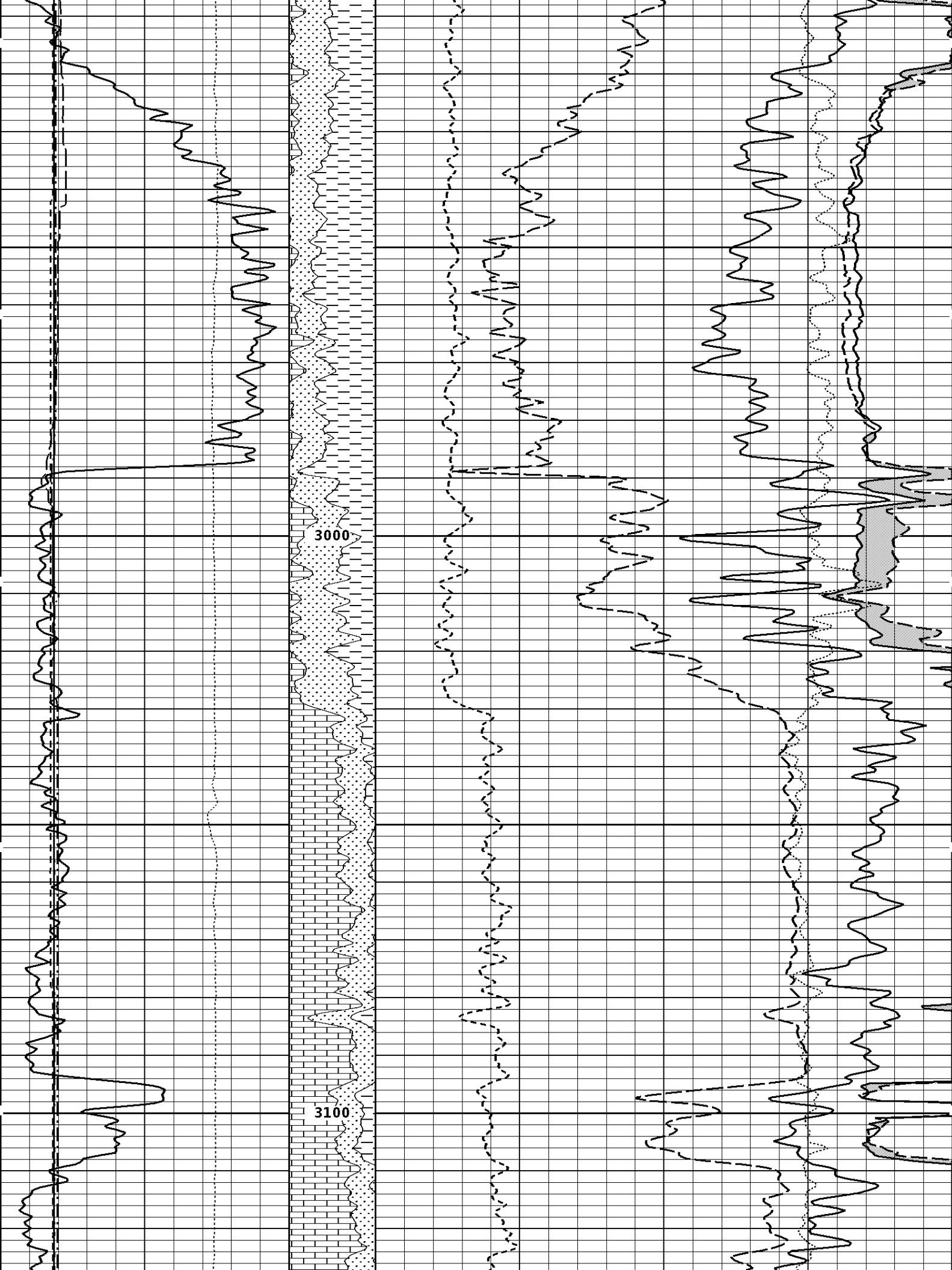


<b>NORMAL OHMH</b>	
0	40

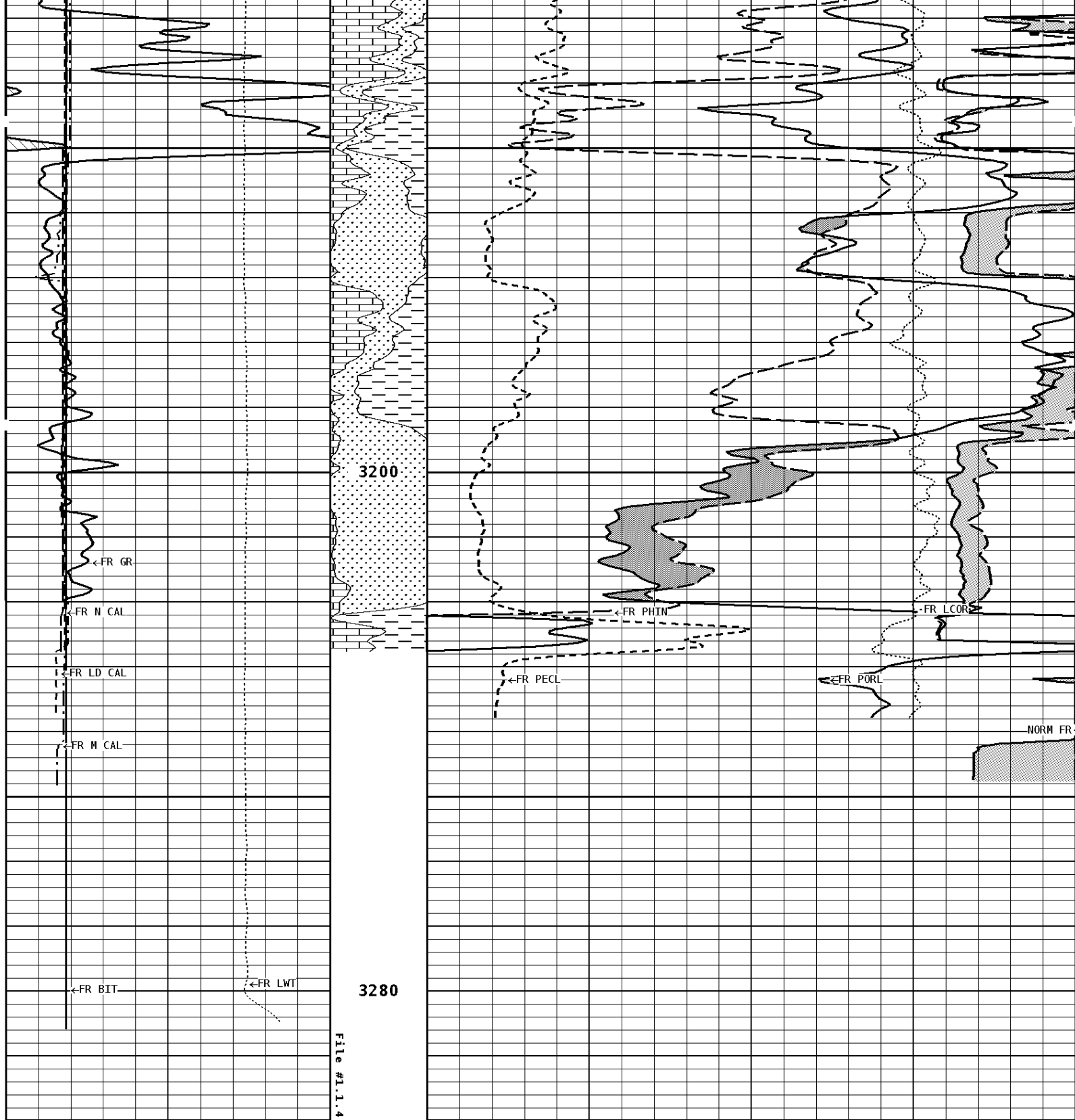
6	16			0	40
<b>NEUTRON (Y) CALIPER INCHES (IN)</b>				<b>INVERSE OHM</b>	
16	26			0	40
6	16				
<b>DENSITY (X) CALIPER INCHES (IN)</b>		Volume Quartz	<b>PE CROSS-SECTION BARNs/ELECTRON</b>	<b>DENSITY CORRECTION G/CC</b>	
16	26				
6	16		0	10 -0.25	0.25
<b>TENSION LBS</b>		Volume Calcite	<b>DENSITY POROSITY (2.65g/cc) PERCENT</b>		
10000	0		70		30
			30		-10
			-10		-50
<b>GAMMA RAY API UNITS</b>		Volume Dolo/Shale	<b>NEUTRON POROSITY (SANDSTONE) PERCENT</b>		
150	300		30		-10
0	150				

**1:240 REPEAT 2.65 SECTION**





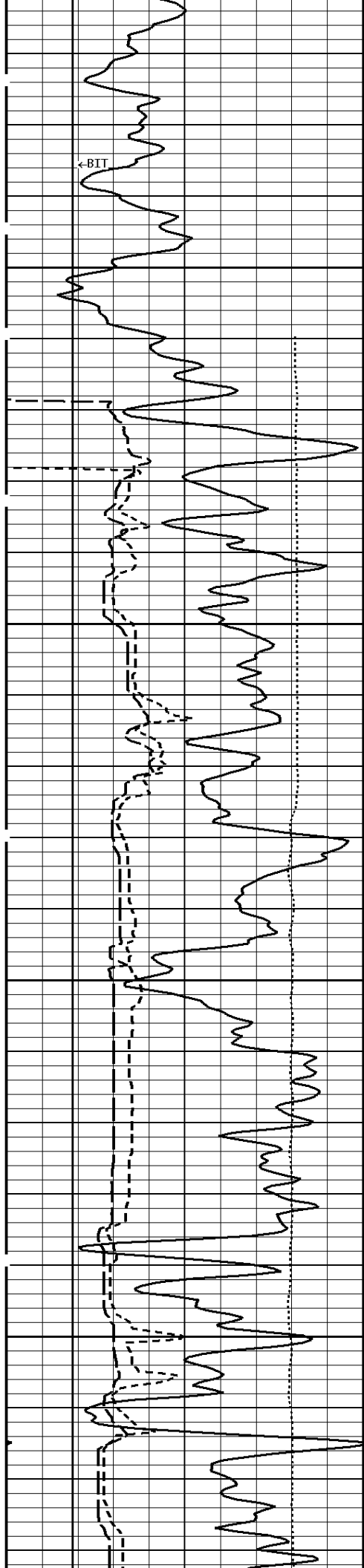




1:240 REPEAT 2.65 SECTION

<p><b>GAMMA RAY API UNITS</b></p> <p>150 0 300 150</p>	<p>Volume Dolo/Shale</p> <p>30</p>	<p><b>NEUTRON POROSITY (SANDSTONE) PERCENT</b></p> <p>-10</p>
<p><b>TENSION LBS</b></p> <p>10000 0</p>	<p>Volume Calcite</p> <p>70 30 -10</p>	<p><b>DENSITY POROSITY (2.65g/cc) PERCENT</b></p> <p>30 -10 -50</p>

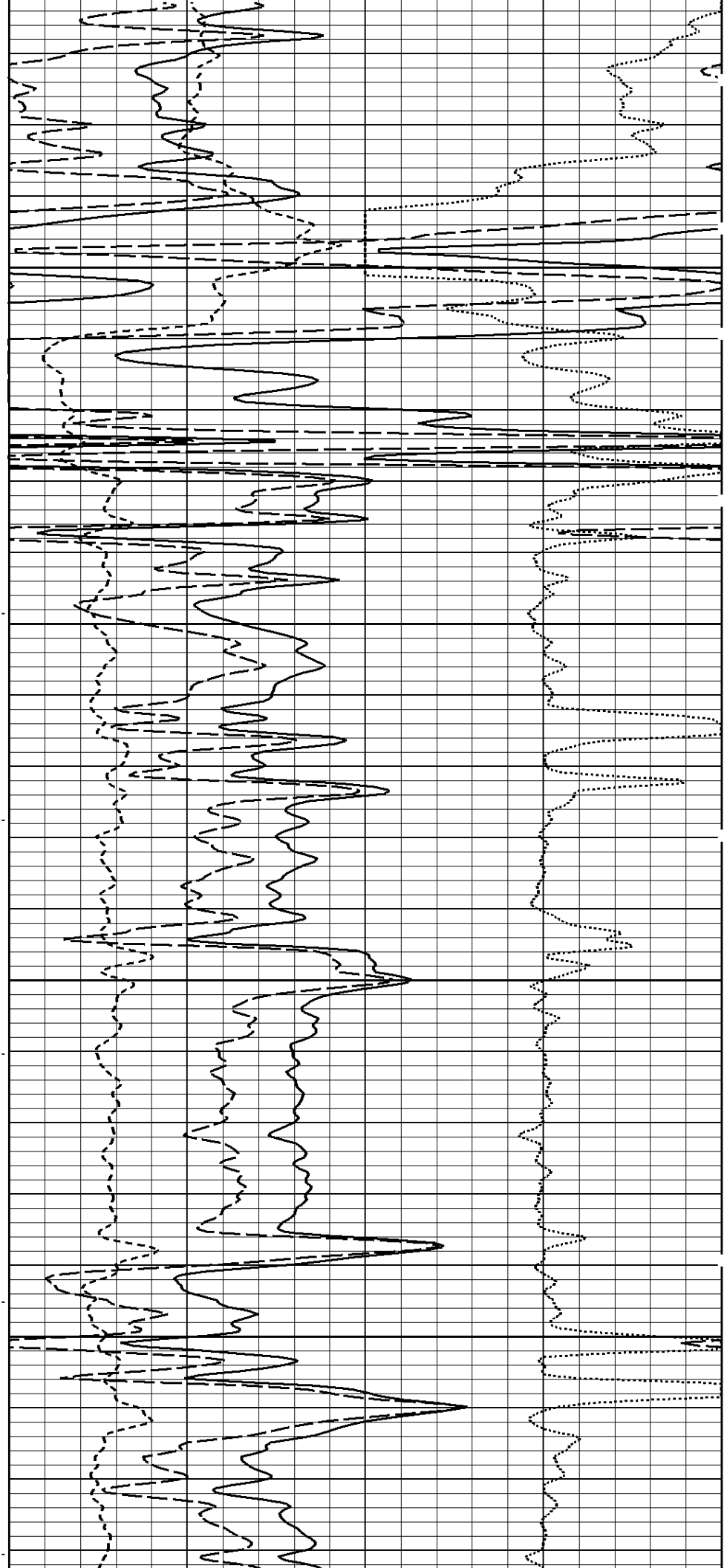


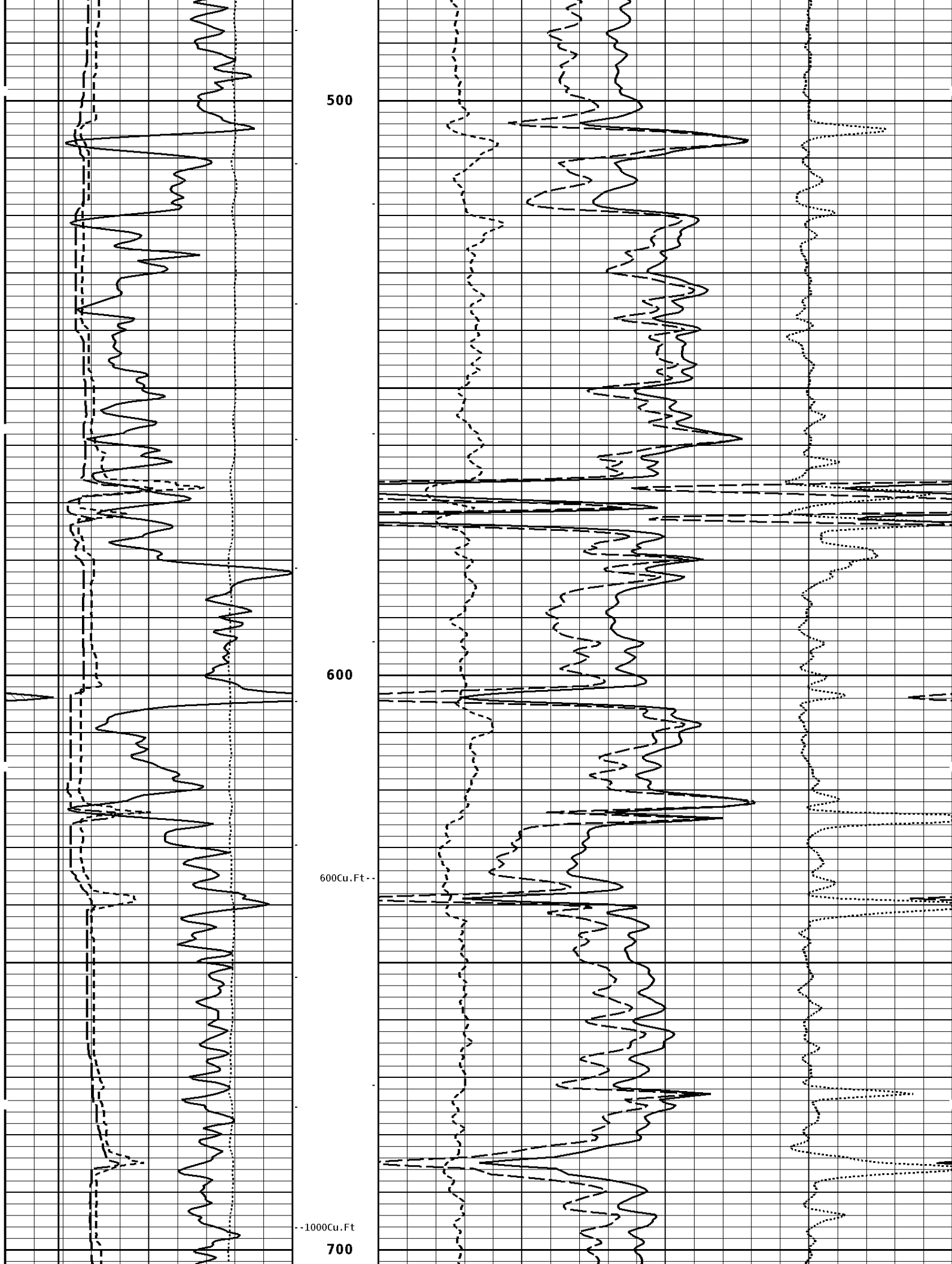


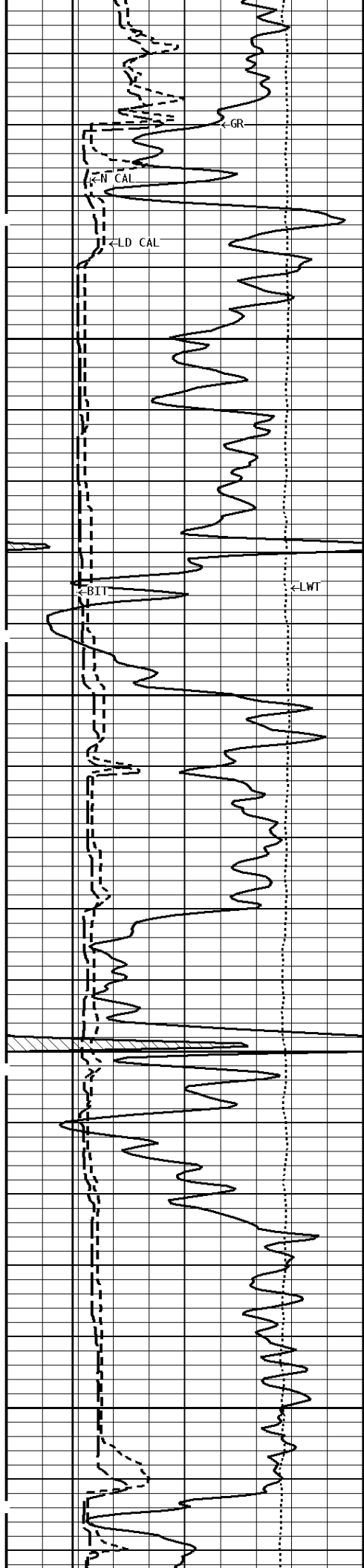
300

400

-1100Cu.Ft

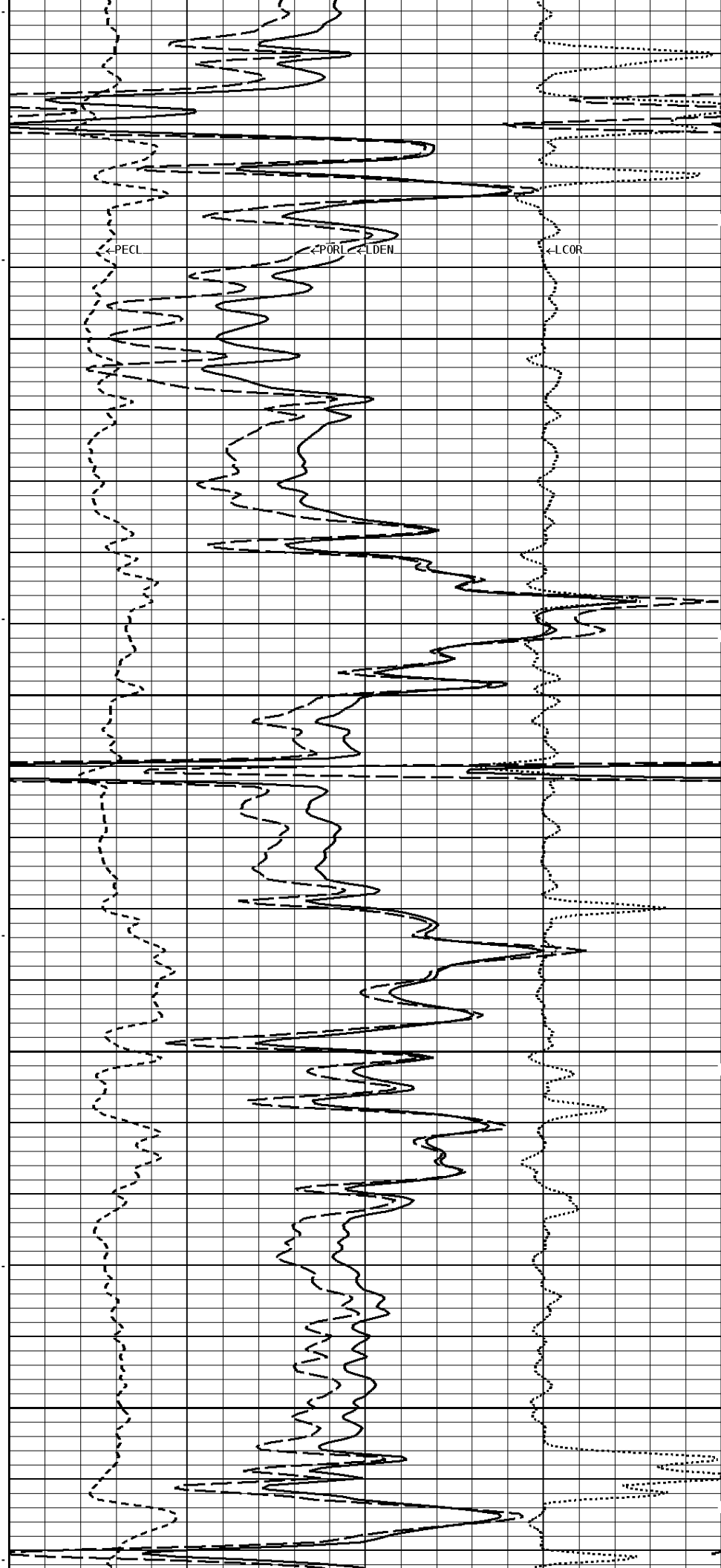


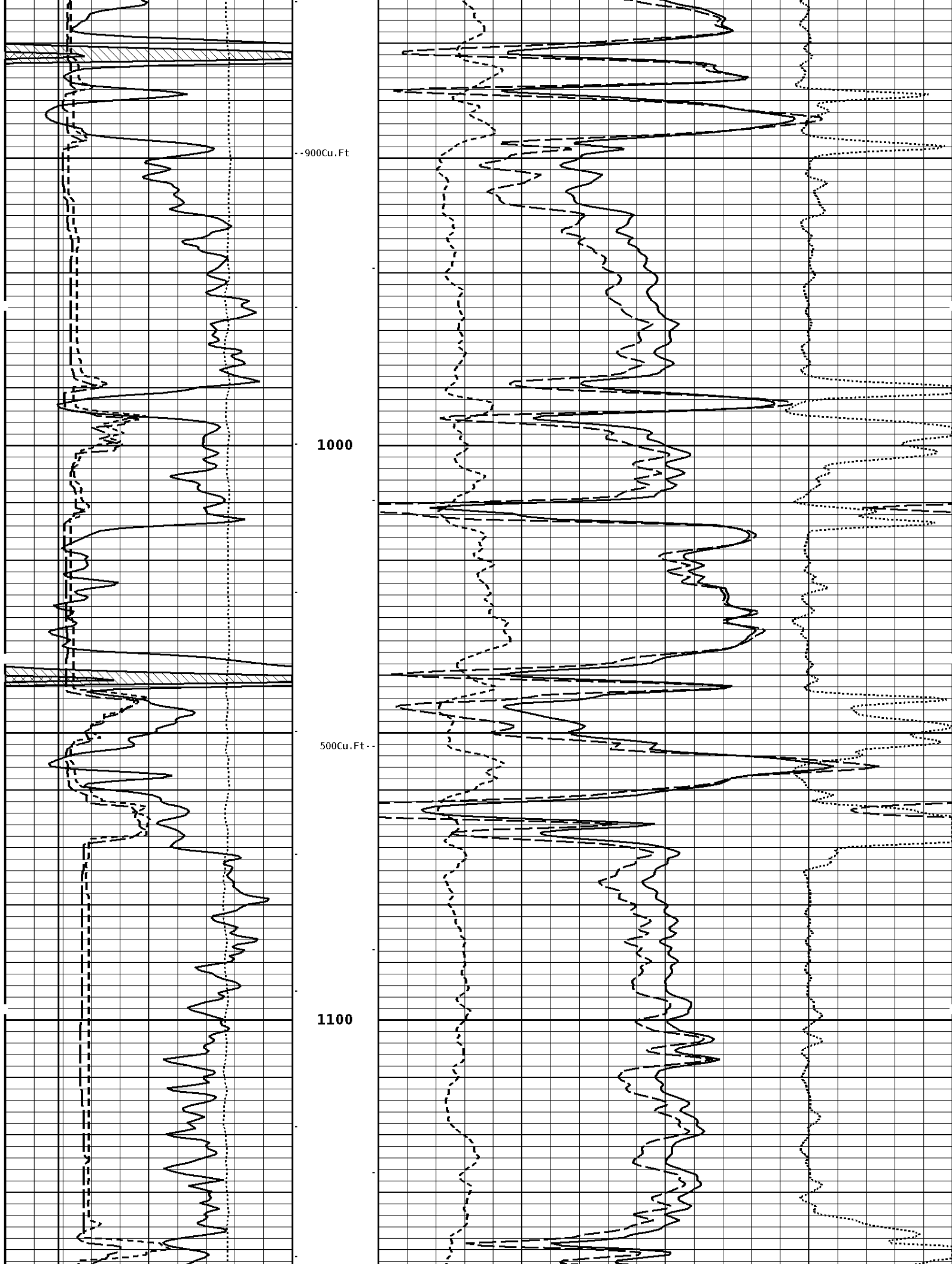


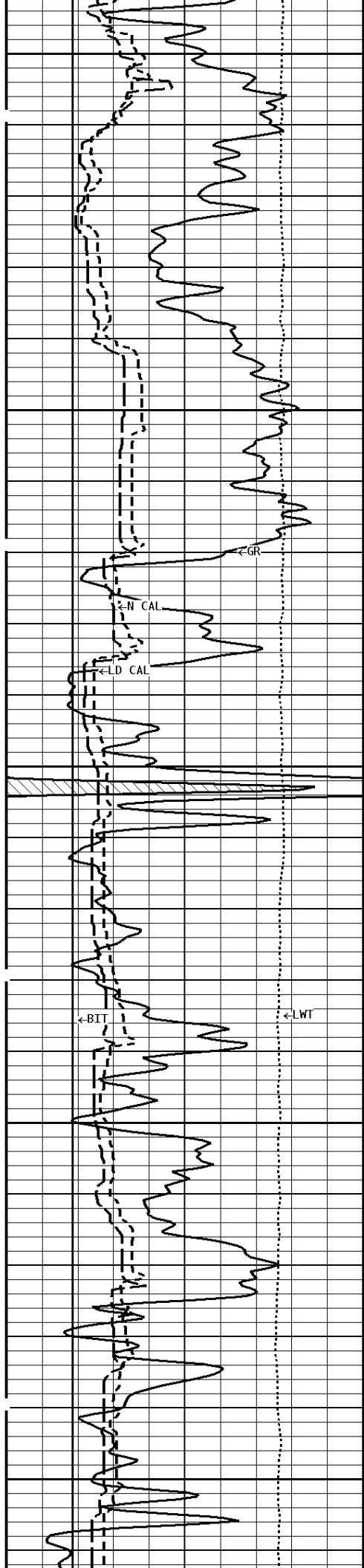


800

900

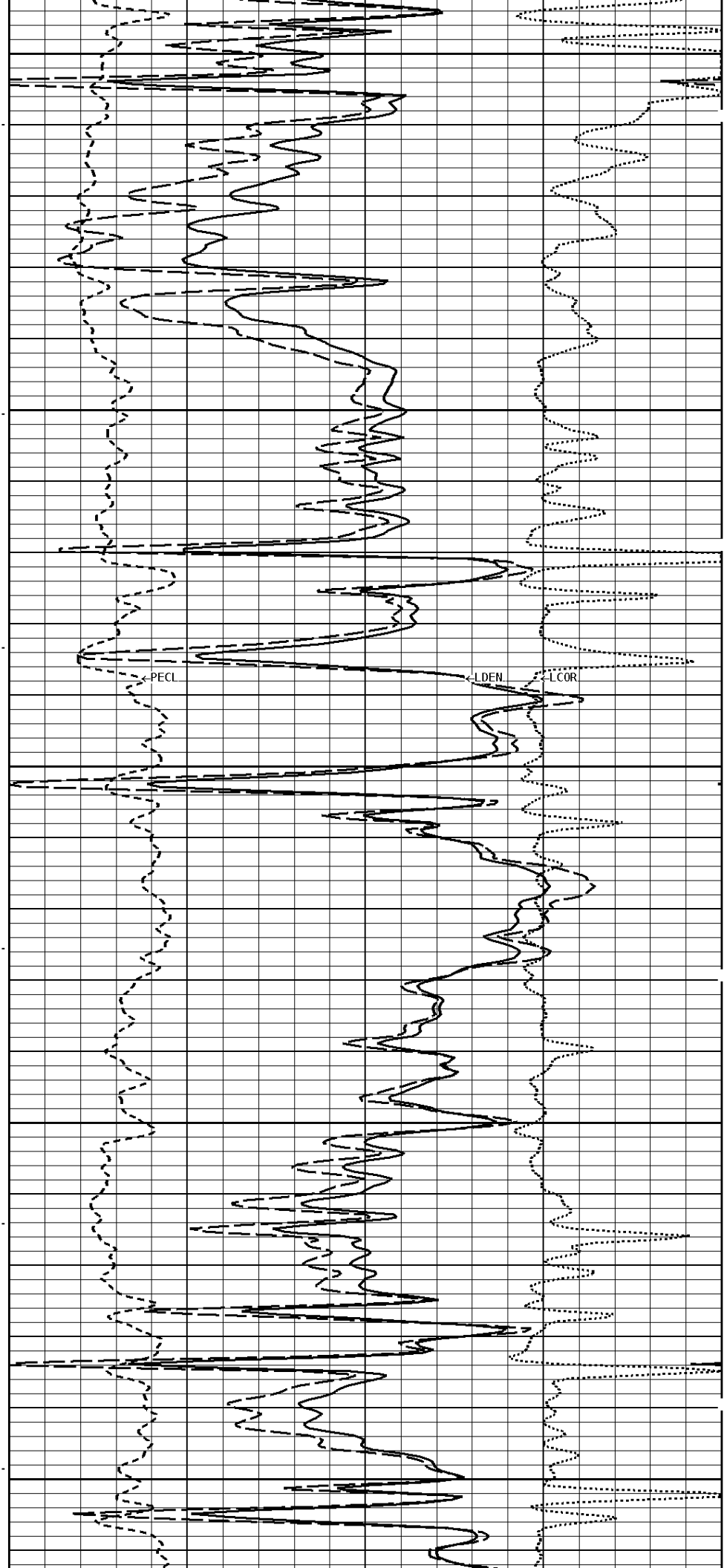


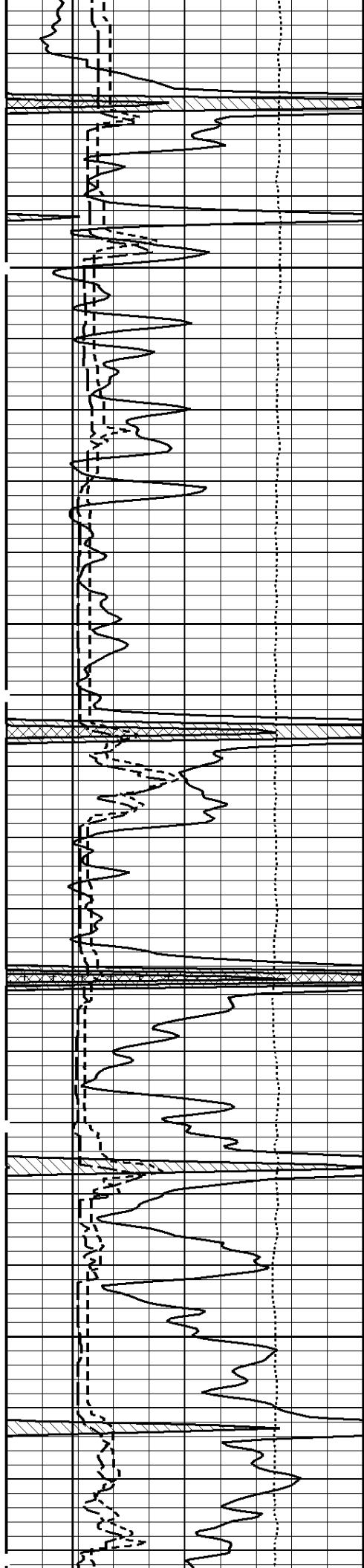




-800Cu.Ft  
1200

1300



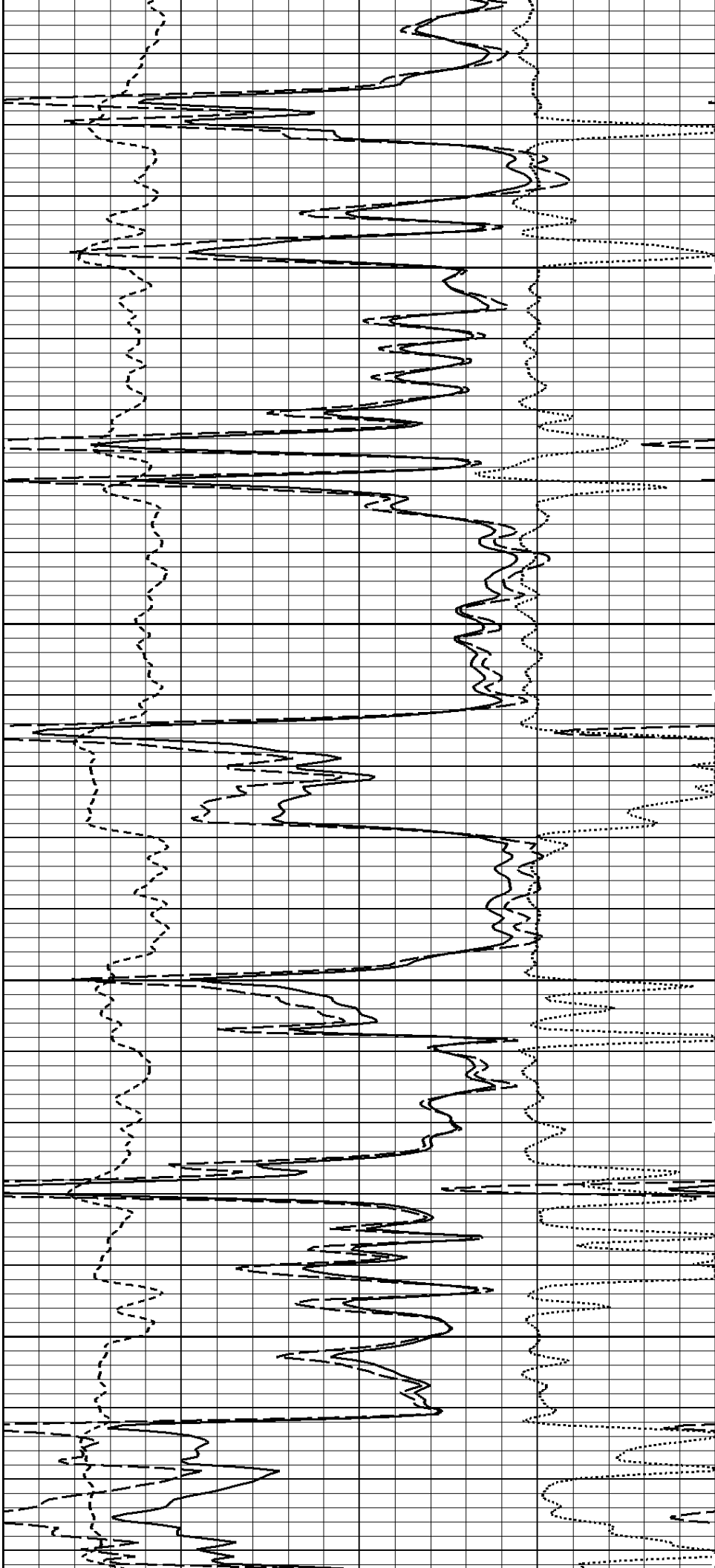


1400

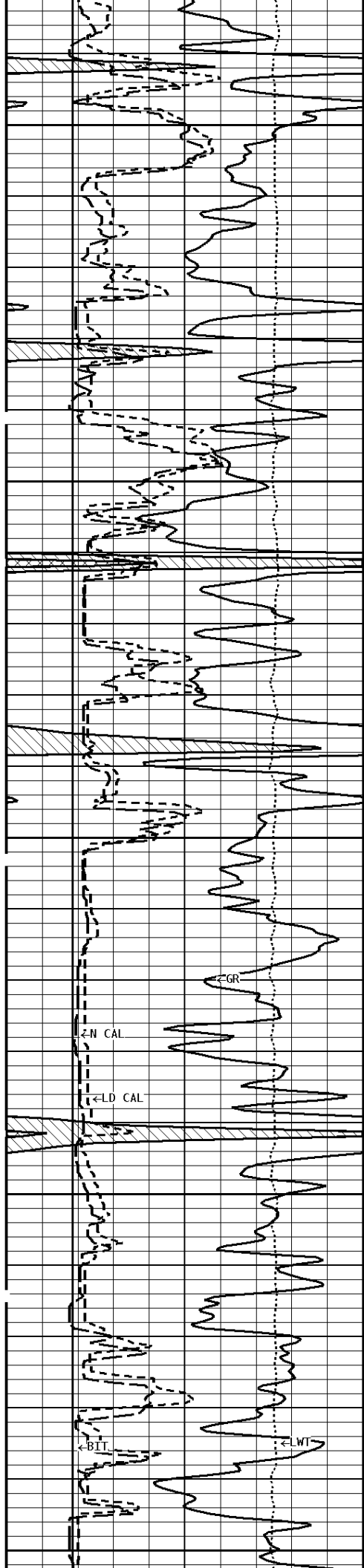
700Cu.Ft

400Cu.Ft

1500





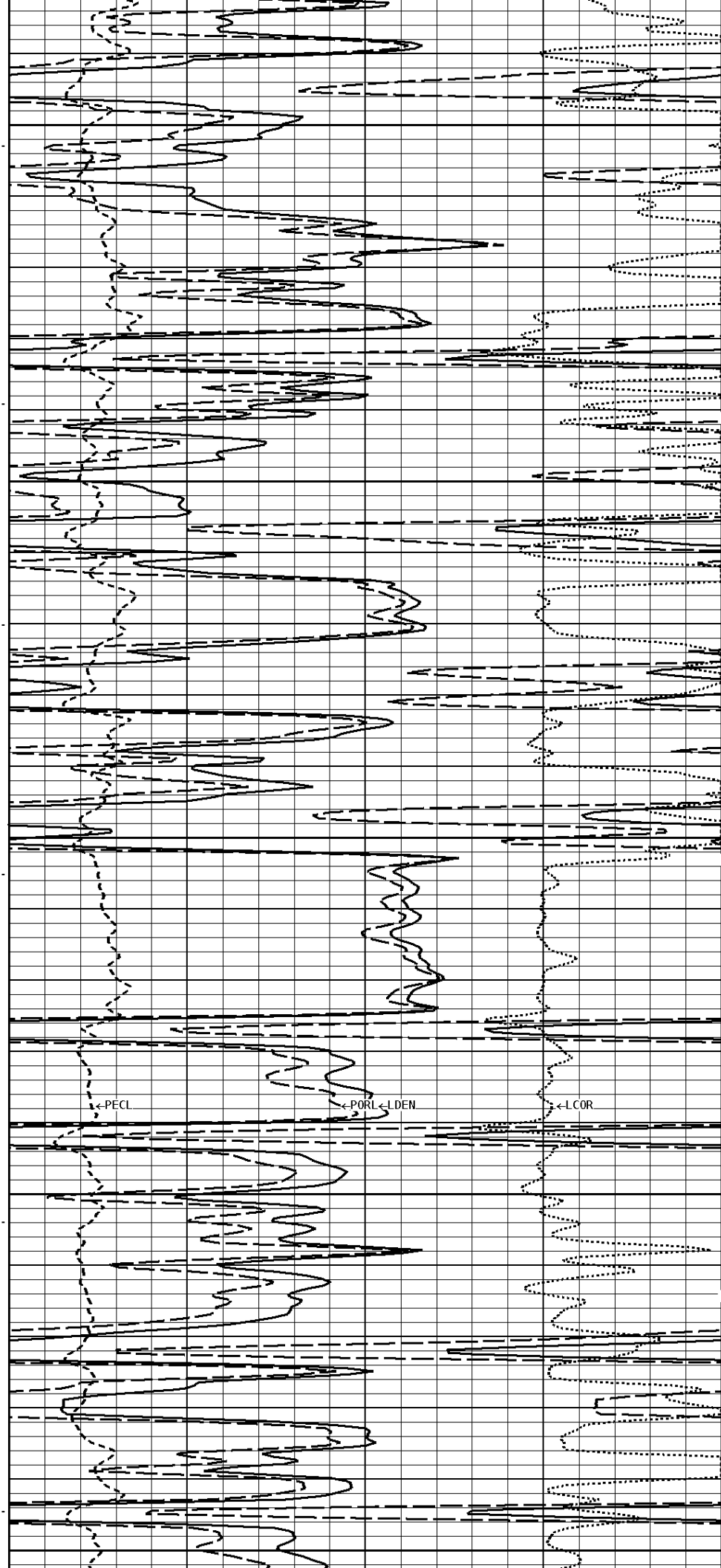


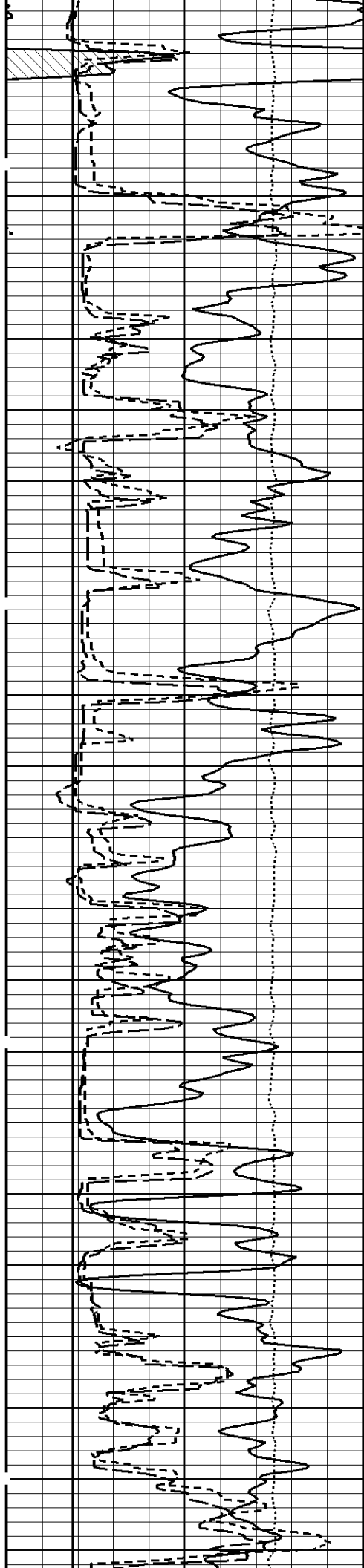
1600

600Cu.Ft

1700

1800

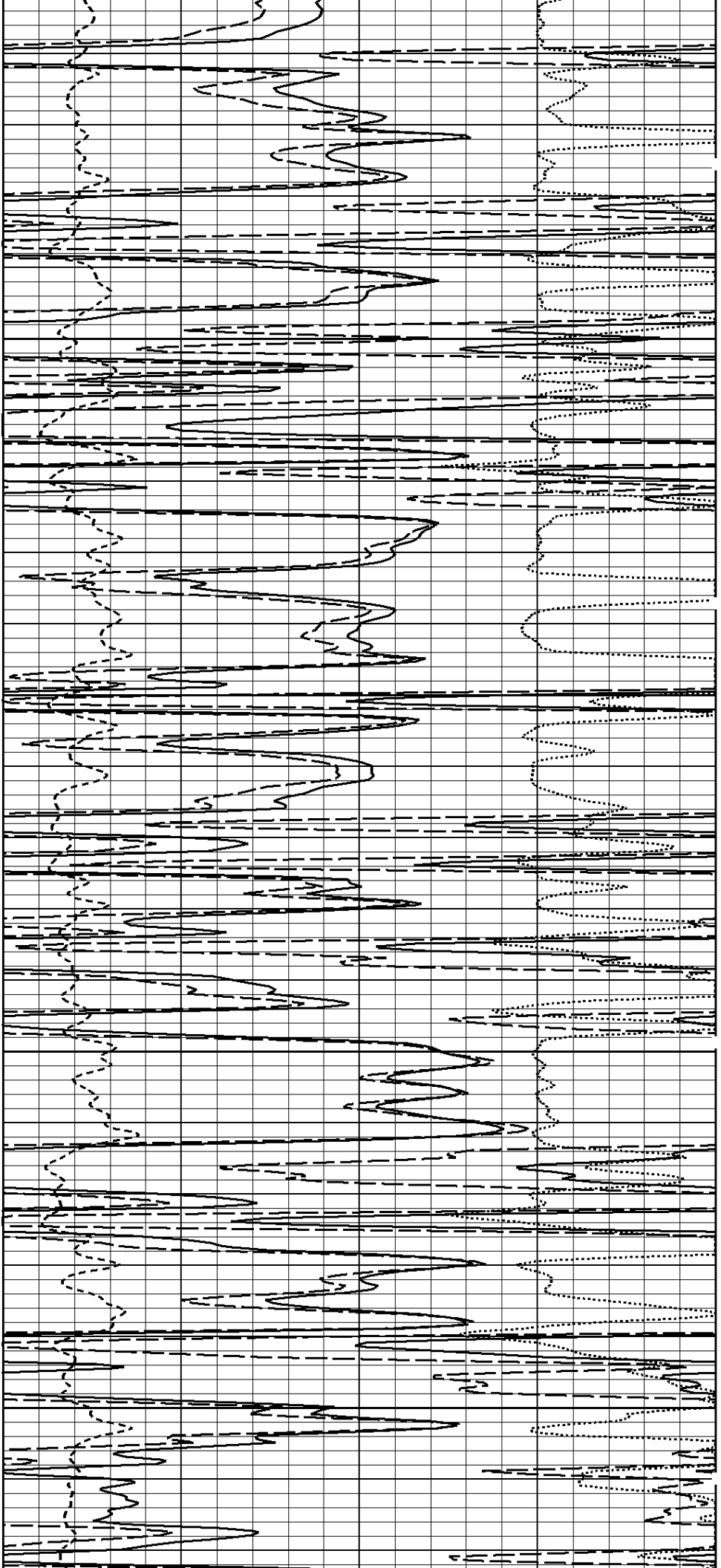


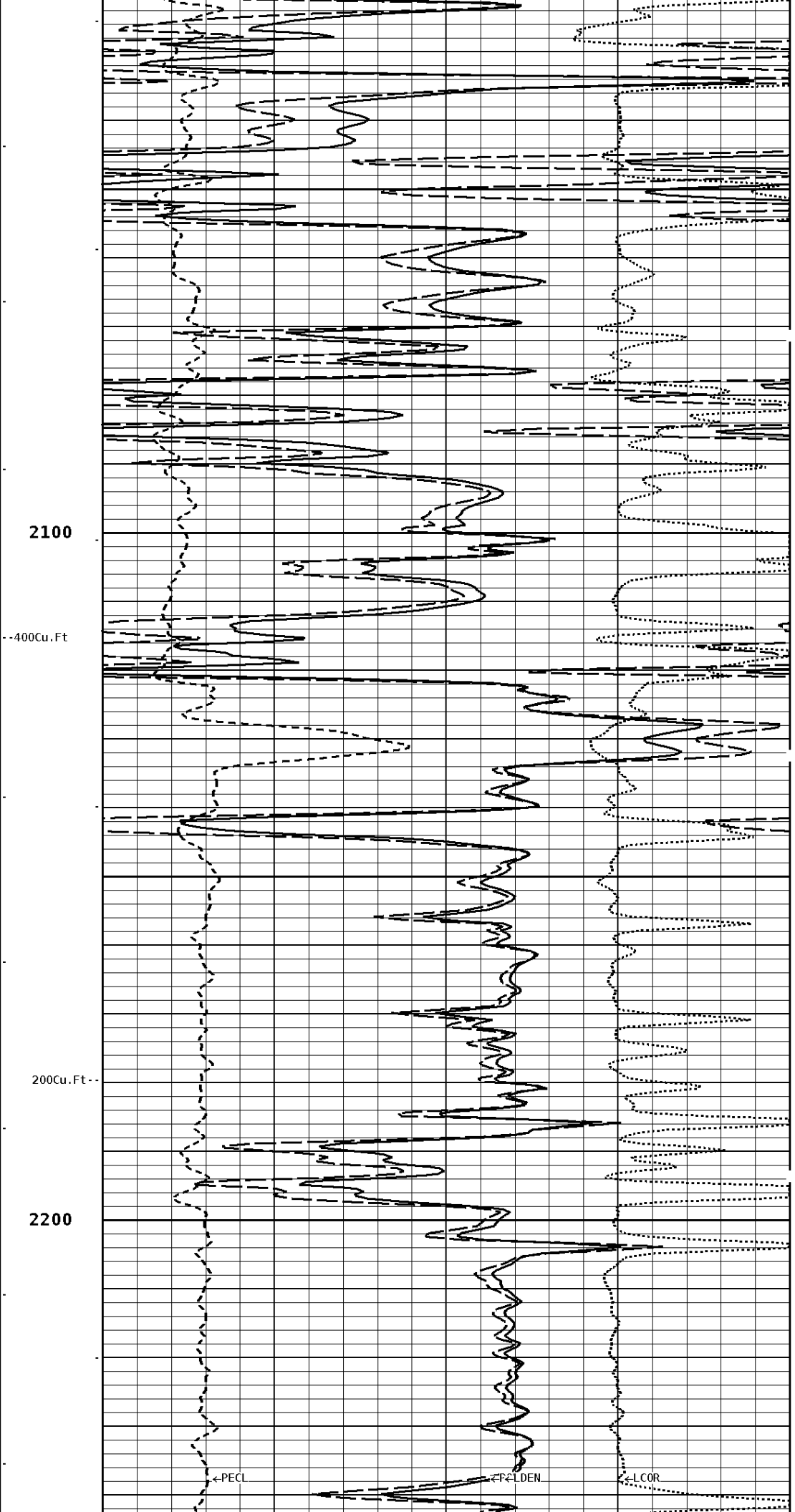
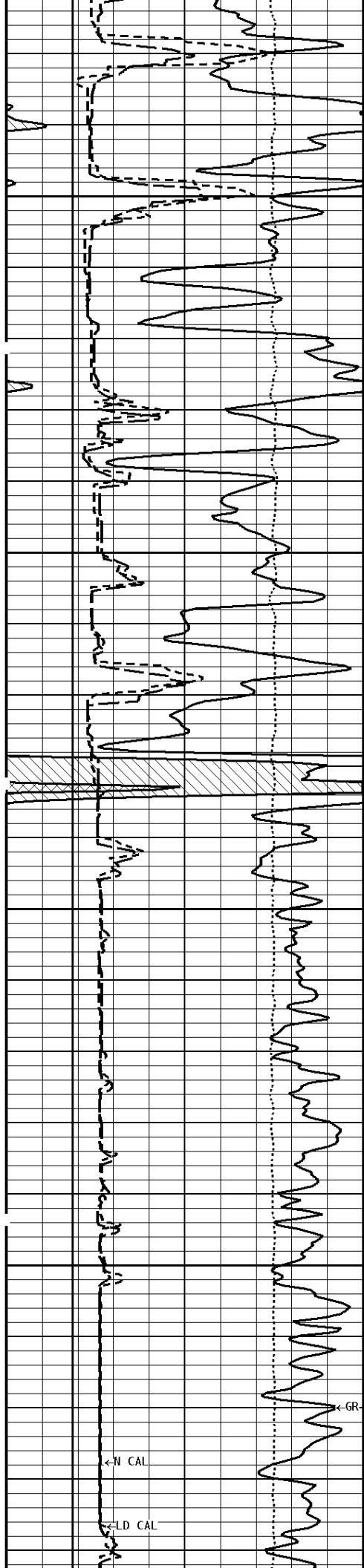


300Cu.Ft.

500Cu.Ft.  
1900

2000





2100

-400Cu.Ft

200Cu.Ft

2200

←N CAL

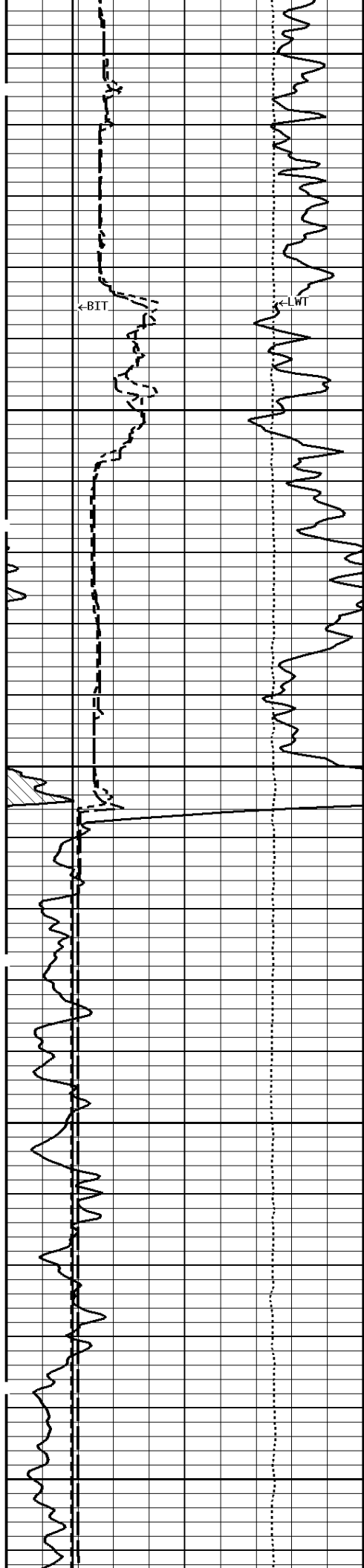
←LD CAL

←GR

←PECL

←PELDEN

←L COR



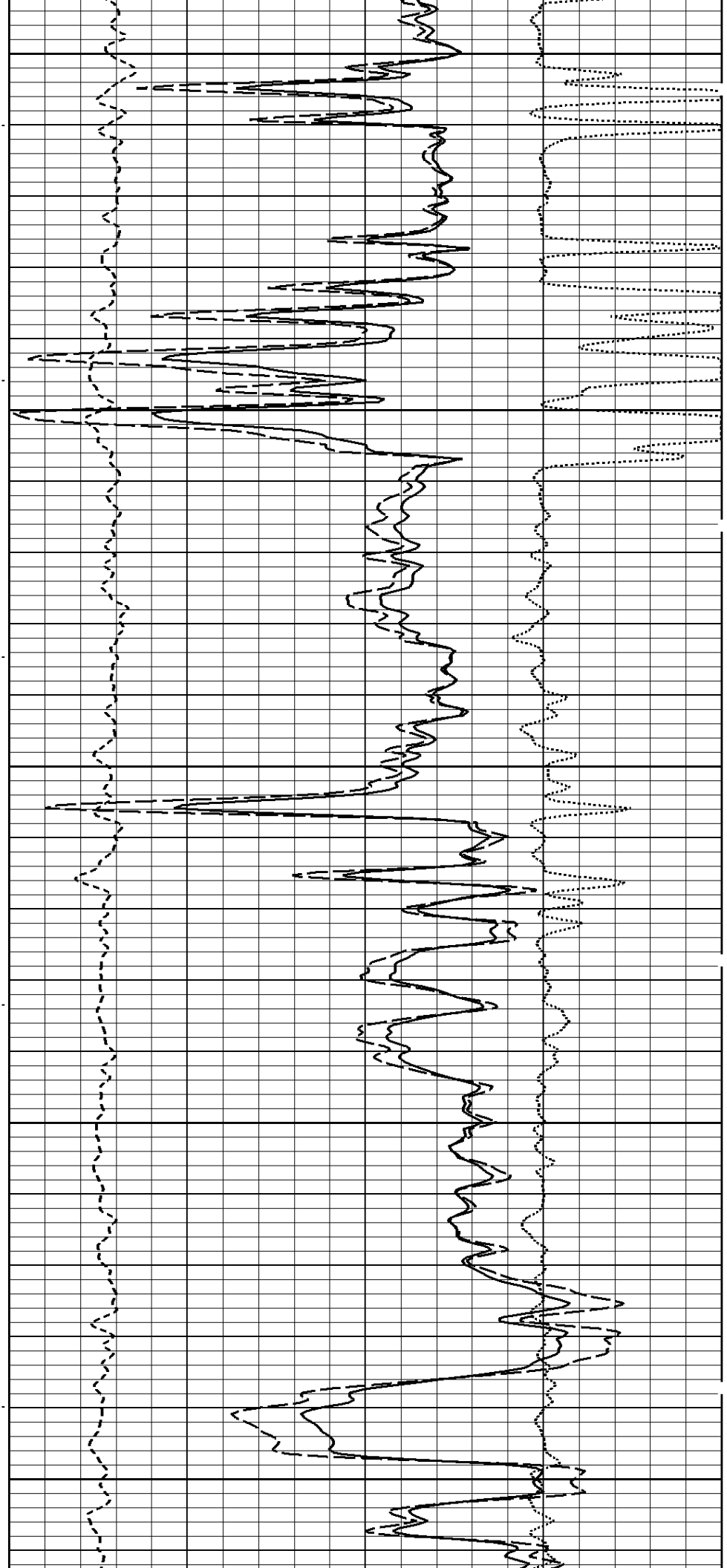
← BIT

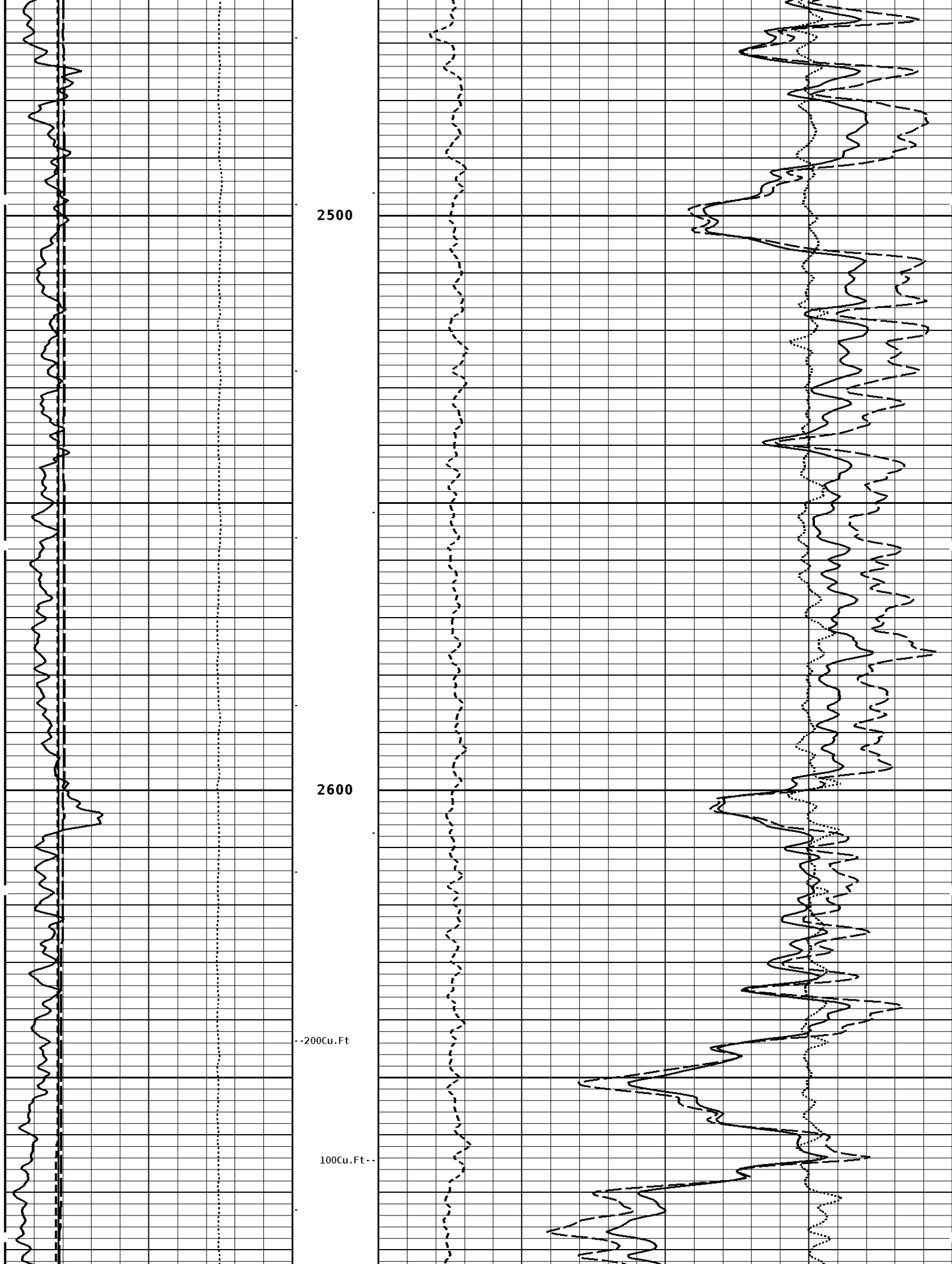
CL

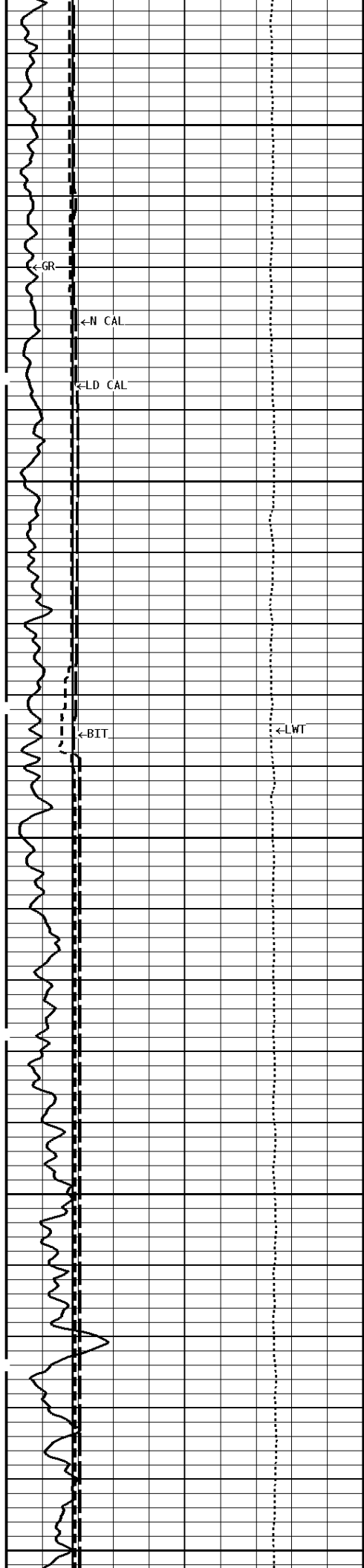
2300

300 Cu. Ft

2400



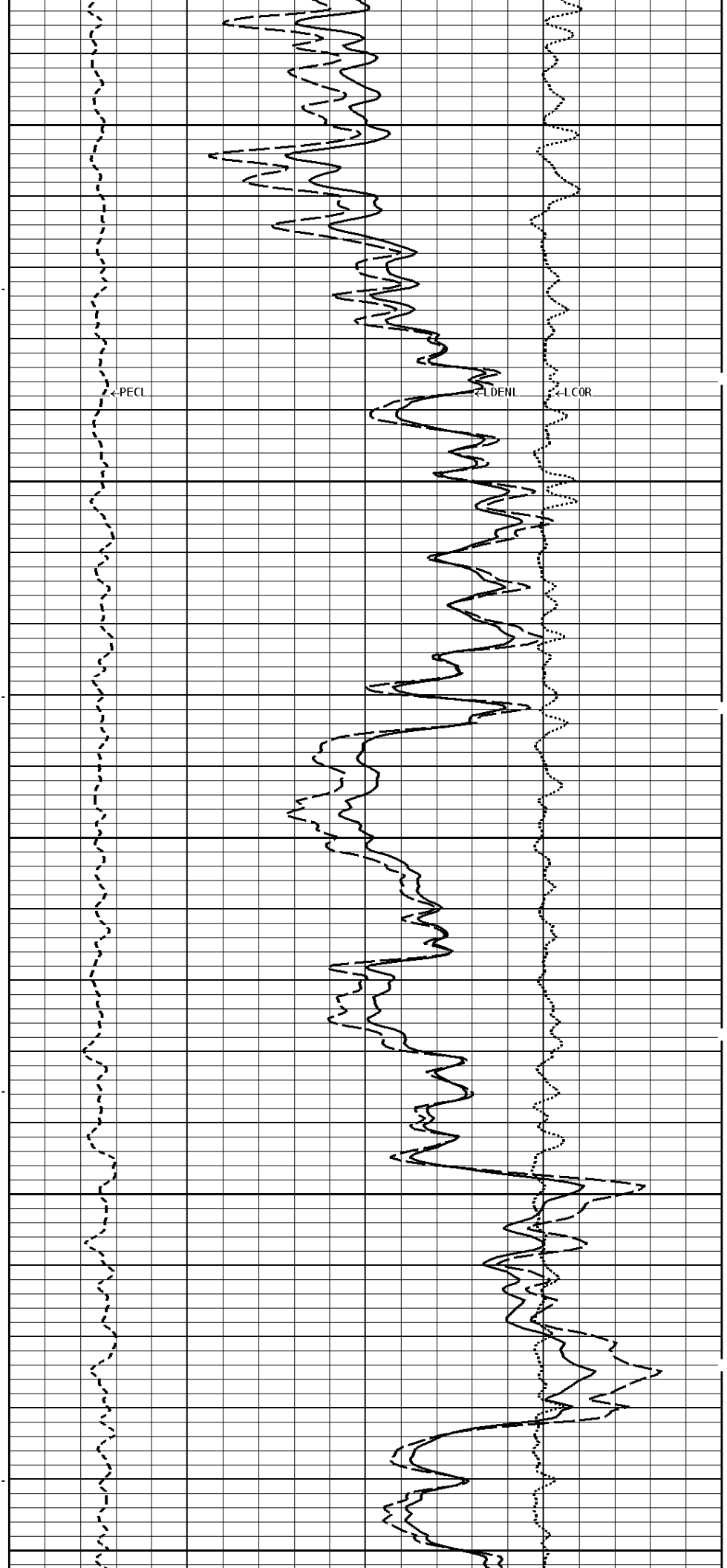


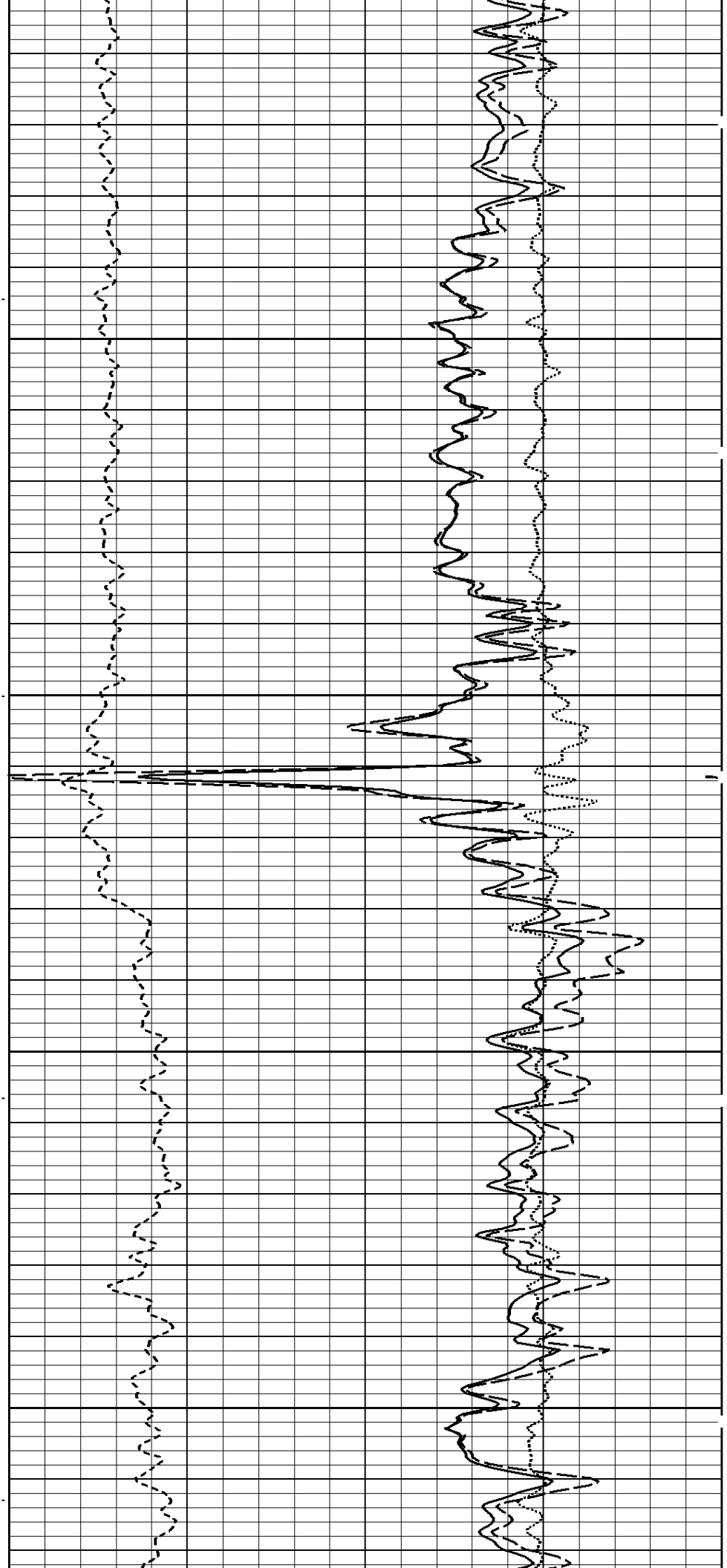
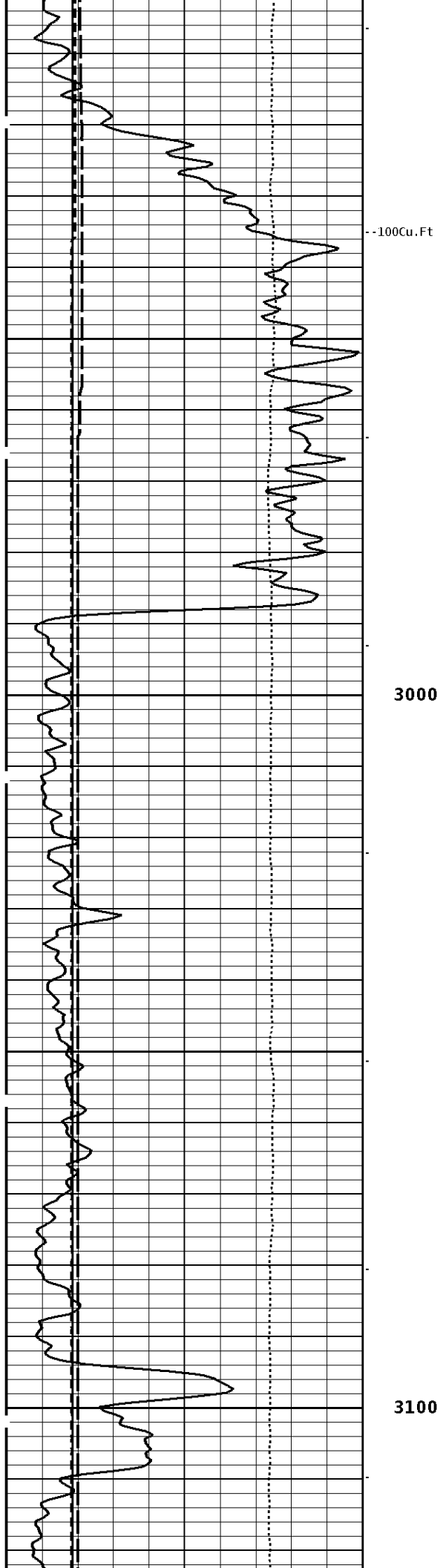


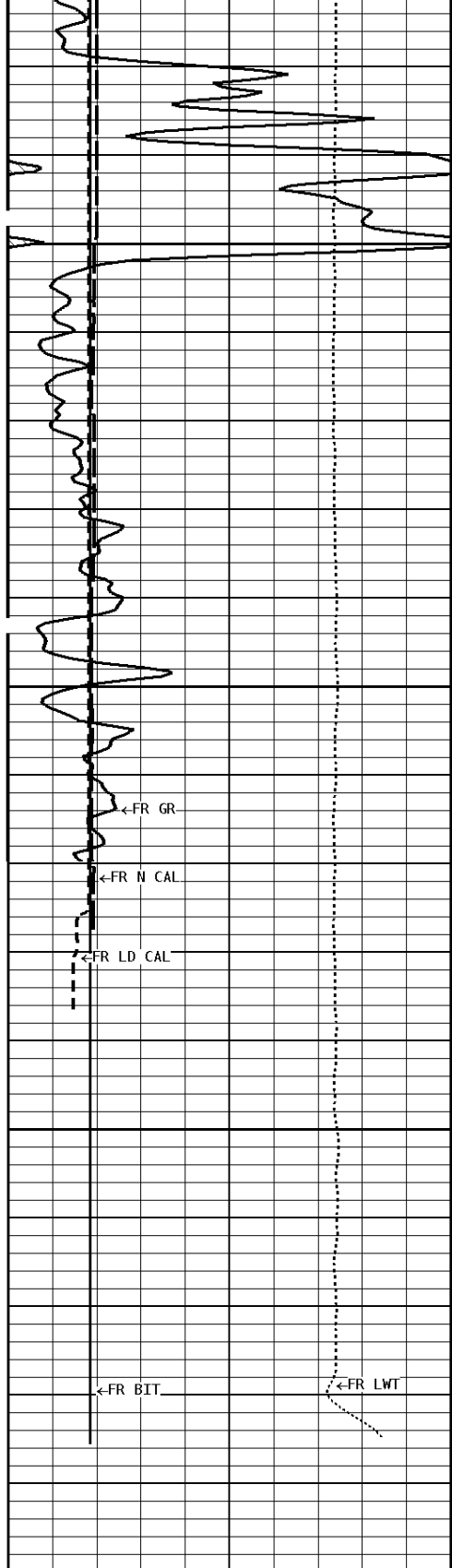
2700

2800

2900



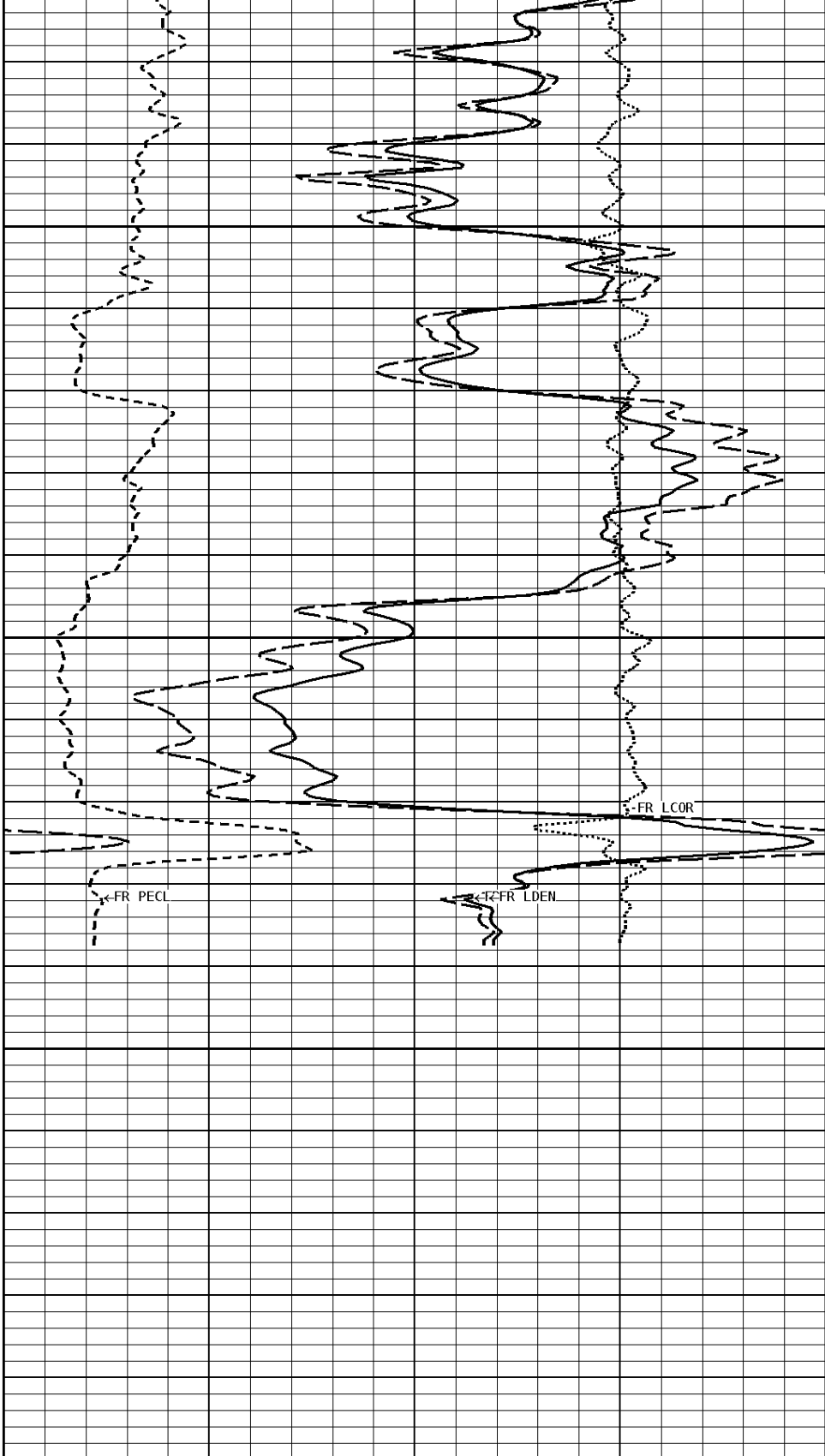




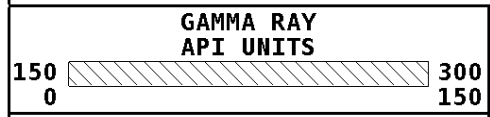
3200

3280

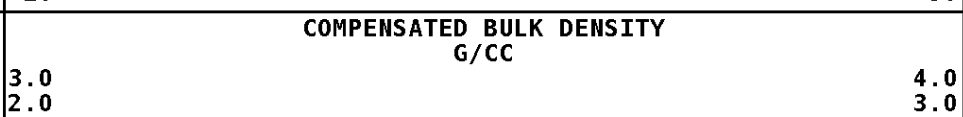
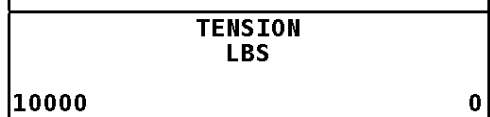
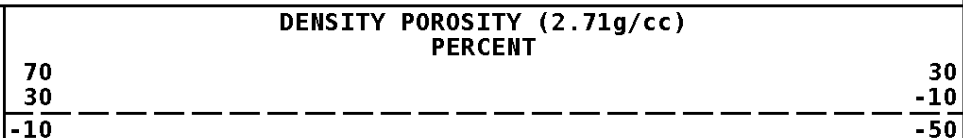
File #1.1.6



**1:240 MAIN SECTION**  
BULK DENSITY



- BHV AHV -  
CU. FT





<b>DENSITY (X) CALIPER INCHES (IN)</b>	
16 6	26 16
-----	
<b>NEUTRON (Y) CALIPER INCHES (IN)</b>	
16 6	26 16
-----	
<b>BIT SIZE INCHES (IN)</b>	
6	16

1.0	2.0
<b>PE CROSS-SECTION BARN/ ELECTRON</b>	<b>DENSITY CORRECTION G/CC</b>
0	10 -0.25
-----	
	0.25

**\* Borehole Zone Factors \***

<b>Zone 1</b>	<b>99999.0 to</b>	<b>0.0 Feet</b>
Matrix Density	_____	2.71 g/cc
Fluid Density	_____	1.00 g/cc
Formation Matrix	_____	Limestone
Drill Bit Size	_____	7.875 in
Casing Diameter	_____	5.500 in
Casing Correction (PHI N)	_____	Disable

**\* Calibration Summary \***

<b>Shop Calibration GRT-B</b>					
Performed : 02-DEC-2013			Time : 16:24		
Sensor Suite : GR-GR5			ID : GRT-BB-117		
	Measured	Units	Calibrated	Units	
GR	Background	Jig	Jig	GRAPI	
	48	357	175		
<b>Shop Calibration CNT-AA</b>					
Performed : 23-SEP-2013			Time : 12:22		
Sensor Suite : CALI-BCN			ID : NDT-BB-033		
	Jig - Measured		Jig - Calibrated	Units	
CL # 1	Ring#1	Ring#2	Ring#1	Ring#2	IN.
	9.3	14.1	6.0	12.0	
<b>Shop Calibration LDT-DA</b>					
Performed : 15-Aug-2012			Time : 11:15		
Sensor Suite : CALI-LTH			ID : PDT-GA-466		
	Jig - Measured		Jig - Calibrated	Units	
CL # 1	Ring#1	Ring#2	Ring#1	Ring#2	IN.
	6.8	10.0	6.0	12.0	
<b>Shop Calibration LDP-DA</b>					
Performed : 03-Jul-2013			Time : 15:07		
Sensor Suite : BHCPENGL			ID : LDP-DA-01		
Source ID : 1902GW					
	Short Space				
	BKGD	Al	Mg	Al+Fe	Units
LSW1	60	959	1550	627	CPS
LSW2	66	1142	1813	826	CPS
LSW3	245	2644	4266	2258	CPS
LSW4	301	2285	3303	2029	CPS
LSW5	29	49	54	47	CPS
LSW6	75	78	78	78	CPS
LSW7	49	52	52	52	CPS
LSW8	1	2	5	2	CPS

LSW8	1	3	5	3	CPS
QS	0.212	0.201	0.204	0.201	
PES			2.778	5.967	
SSDN		2.600	1.680		G/CC
Long Space					
	BKGD	Al	Mg	Al+Fe	Units
LLW1	108	1067	4368	665	CPS
LLW2	118	1918	7632	1409	CPS
LLW3	448	3640	13769	3164	CPS
LLW4	576	1788	5450	1638	CPS
LLW5	64	74	118	73	CPS
LLW6	183	179	168	176	CPS
LLW7	117	116	109	116	CPS
LLW8	4	7	17	6	CPS
QL	0.221	0.214	0.211	0.207	
PEL			2.697	5.458	
LSDN		2.600	1.680		G/CC

**Shop Calibration  
MST-DA**

Performed : 02-DEC-2013      Time : 17:54  
 Sensor Suite : CALI-MSN      ID : MST-DA-32

CL # 1	Jig - Measured		Jig - Calibrated		Units
	Ring#1	Ring#2	Ring#1	Ring#2	
	8.0	12.5	6.0	12.0	IN.

Performed : 02-DEC-2013      Time : 17:55  
 Sensor Suite : MSTDA-NI      ID : MST-DA-32

	Measured		Internal Units	Calibrated		Units
	Zero	Reference		Zero	Reference	
	INV-V	0.0		29135.8	0.00	
NOR-V	2.0	29712.6	0.00	1446.00	MV	
IN-C	0.0	60040.9	0.00	15.46	UA	
INV-R				28.16	OHMM	
NOR-R				51.54	OHMM	

Performed : 02-DEC-2013      Time : 17:55  
 Sensor Suite : MSTDAMSF      ID : MST-DA-32

	Measured		Internal Units	Calibrated		Units
	Zero	Reference		Zero	Reference	
	MSFC	150.0		58600.0	0.00	
MSFB	32800.0	62500.0	0.00	1522.00	MA	
MOM1	150.0	5950.0	0.00	1522.00	MV	
MSFRA				43.30	OHMM	



Company: EVERTSON OPERATING COMPANY, INC.  
 Well: GILSDORF #31-7  
 Location: 330' FNL & 2310' FEL  
 Logged: 12-08-2013  
 K.B. Elev: 1323.0 Ft