



Weatherford

**POROSITY LOG
QUICK LOOK**

COMPANY

MURFIN DRILLING COMPANY, INC.

WELL

MOONRAKER #6-27

FIELD

WILDCAT

PROVINCE/COUNTY LINCOLN

COUNTRY/STATE

U.S.A. / COLORADO

LOCATION

2300' FNL & 1500' FWL

SEC 21

TWP 10S

RGE 56W

Other Services

Latitude

39.150720

MML

Longitude

-103.654100

API Number

05-073-06757

Permanent Datum GL, Elevation 5462 feet

Log Measured From KB, 13.00 feet above Permanent Datum

Drilling Measured From KB

Date 20-JAN-2019

Run Number

ONE

Service Order

17876-235128055

Depth Driller

8300.00

feet

Depth Logger

8303.00

feet

First Reading

Last Reading

Casing Driller

455.00

feet

Casing Logger

443.00

feet

Bit Size

7.875

inches

Hole Fluid Type

CHEMICAL

Density / Viscosity

9.40 lb/USg

90.00 sec/qt

PH / Fluid Loss

10.50

8.00 ml/30Min

Sample Source

FLOWLINE

Rm @ Measured Temp

0.76 @ 94.0

ohm-m

Rmf @ Measured Temp

0.57 @ 94.0

ohm-m

Rmc @ Measured Temp

0.91 @ 94.0

ohm-m

Source Rmf / Rmc

CALC

CALC

Rm @ BHT

0.40 @179.0

ohm-m

Time Since Circulation

5 HOURS

Max Recorded Temp

179.00

deg F

Equipment / Base

13096

LIB

Recorded By

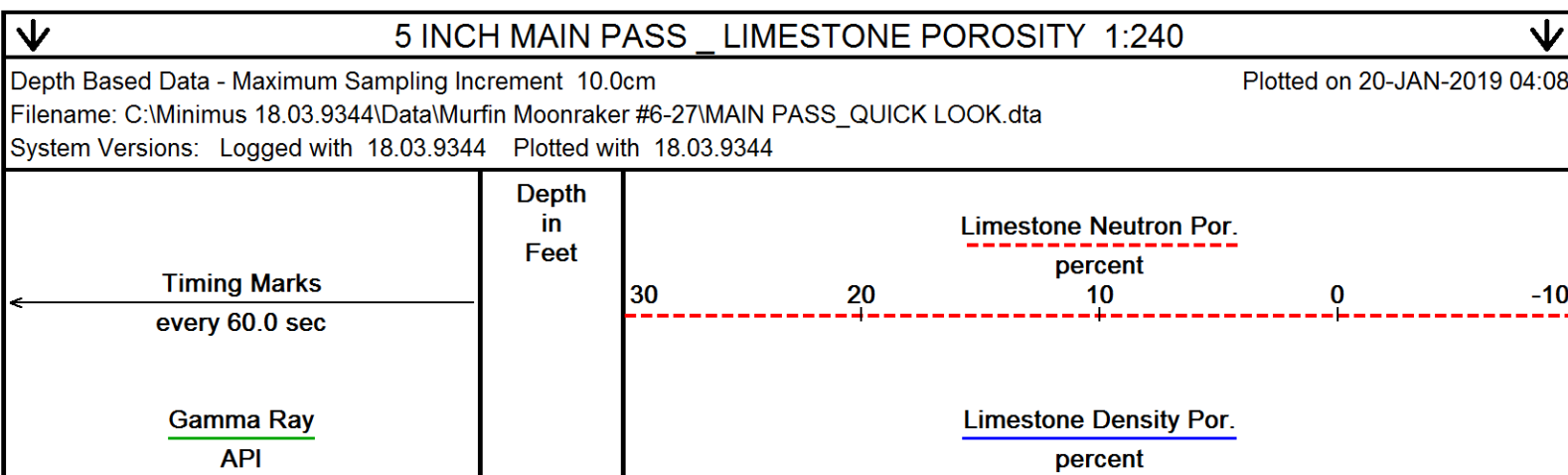
BANDAR BINOSFUR

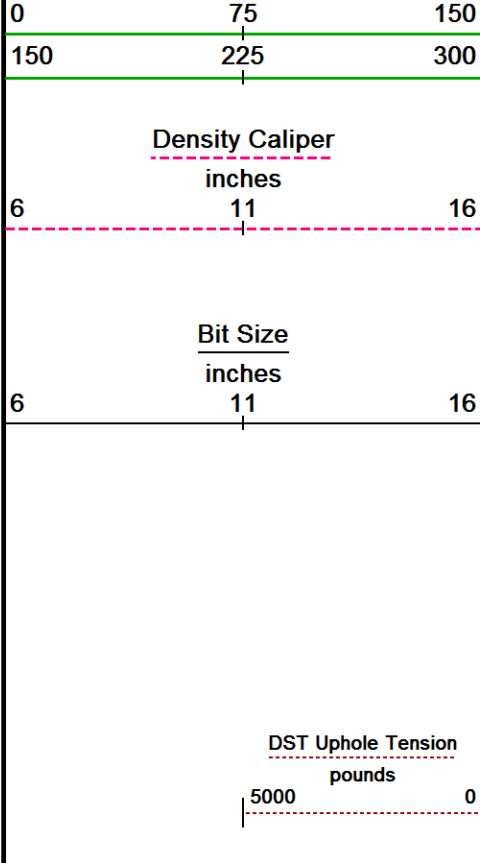
Witnessed By

GREGG SMITH

Elevations:
KB 5475.00 feet
DF 5473.00
GL 5462.00

In interpreting, communicating or providing information and/or making recommendations, either written or oral, as to logs or test or other data, type or amount of material, or Work or other service to be furnished, or manner of performance, or in predicting results to be obtained, the Contractor will give the Company the benefit of the Contractor's best judgment based on its experience and will perform all such Work in a good and workmanlike manner. Any interpretation of test or other data, and any recommendation or reservoir description based upon such interpretations, are opinions based upon inferences from measurements and empirical relationships and assumptions, which inferences and assumptions are not infallible, and with respect to which professional engineers and analysts may differ. ACCORDINGLY ANY INTERPRETATION OR RECOMMENDATION RESULTING FROM THE SERVICES WILL BE AT THE SOLE RISK OF THE COMPANY, AND THE CONTRACTOR CANNOT AND DOES NOT WARRANT THE ACCURACY, CORRECTNESS OR COMPLETENESS OF ANY SUCH INTERPRETATION OR RECOMMENDATION, WHICH INTERPRETATIONS AND RECOMMENDATIONS SHOULD NOT, THEREFORE, UNDER ANY CIRCUMSTANCES BE RELIED UPON AS THE SOLE OR MAIN BASIS FOR ANY DRILLING, COMPLETION, WELL TREATMENT, PRODUCTION OR FINANCIAL DECISION, OR ANY PROCEDURE INVOLVING ANY RISK TO THE SAFETY OF ANY DRILLING ACTIVITY, DRILLING RIG OR ITS CREW OR ANY OTHER INDIVIDUAL. THE COMPANY HAS FULL RESPONSIBILITY FOR ALL DECISIONS CONCERNING THE SERVICES.



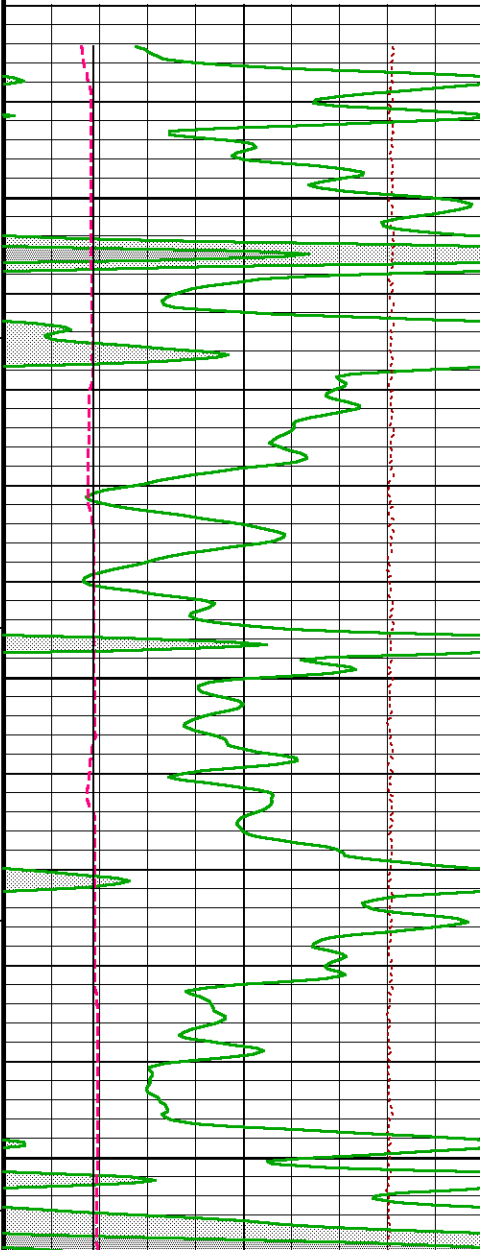
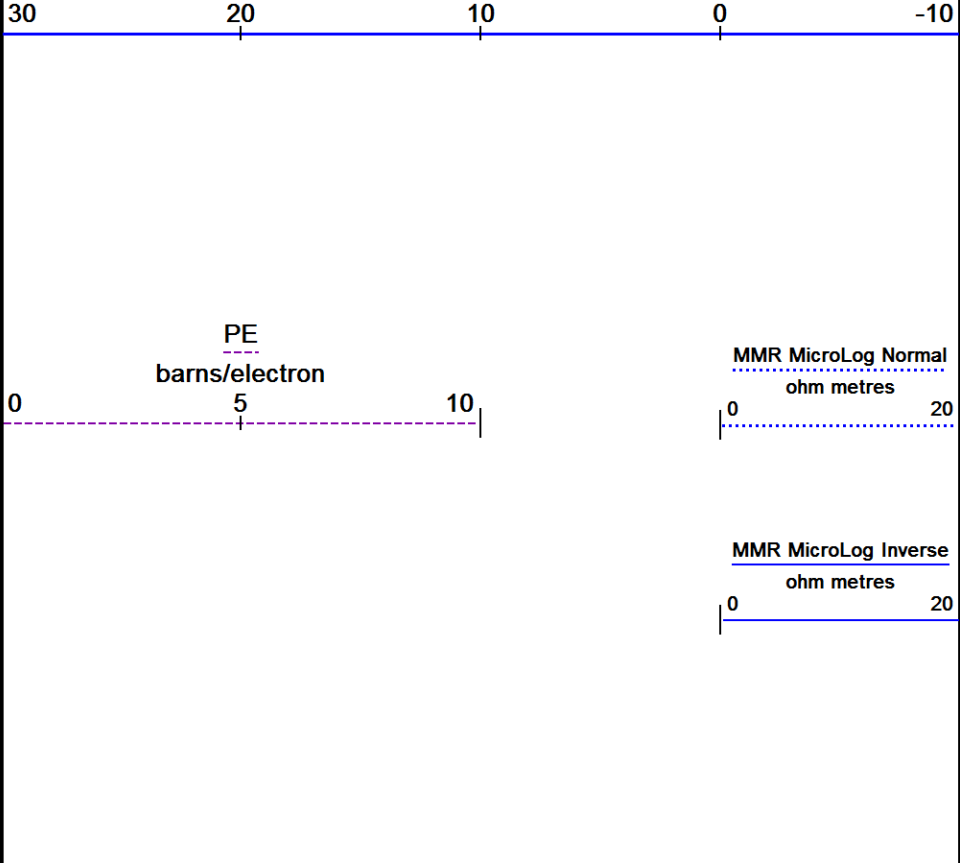


Borehole
Temp in
deg F

HVI
every
10 cu ft

Annular
Integral
every
10 cu ft

Replay
Scale
1:240



6882

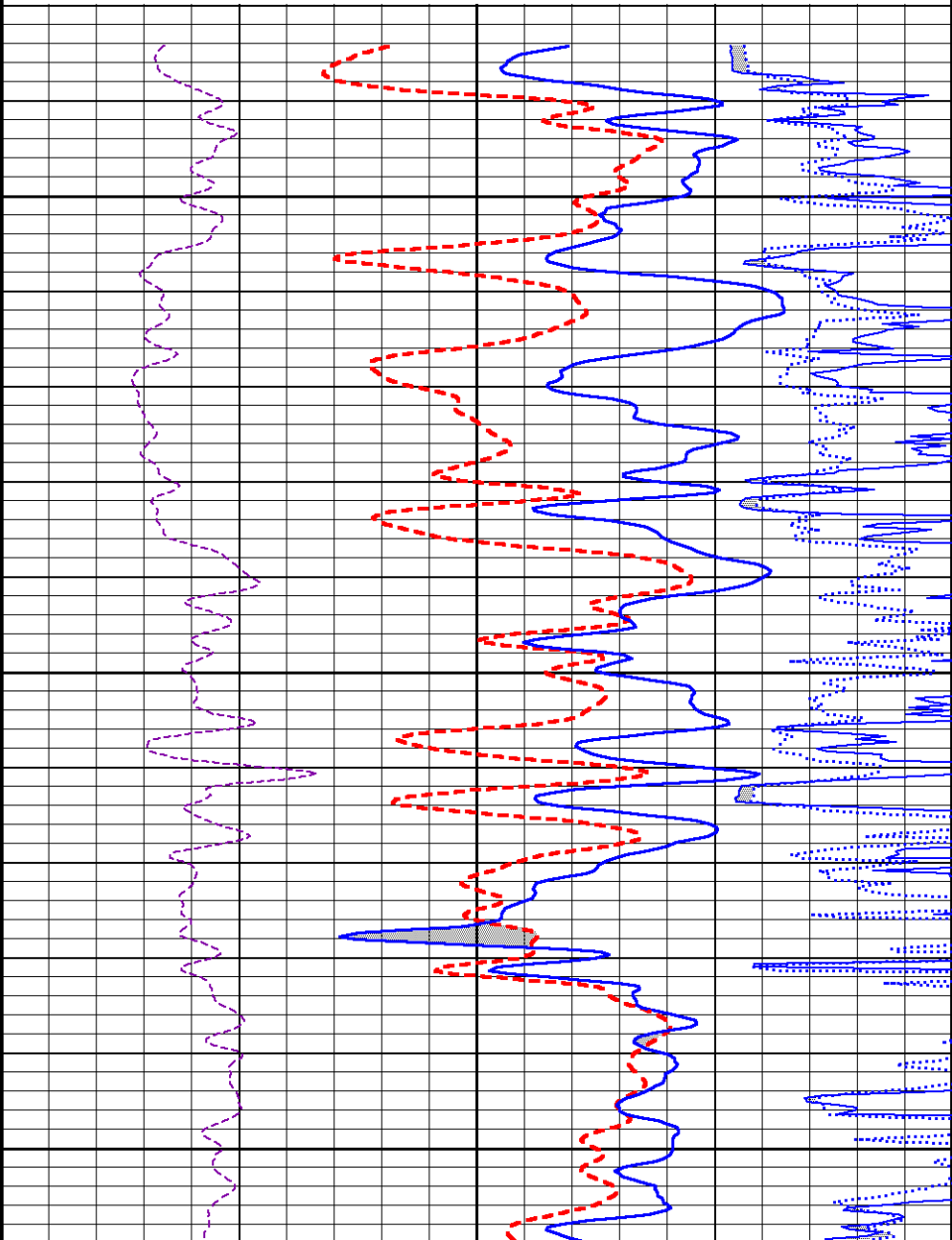
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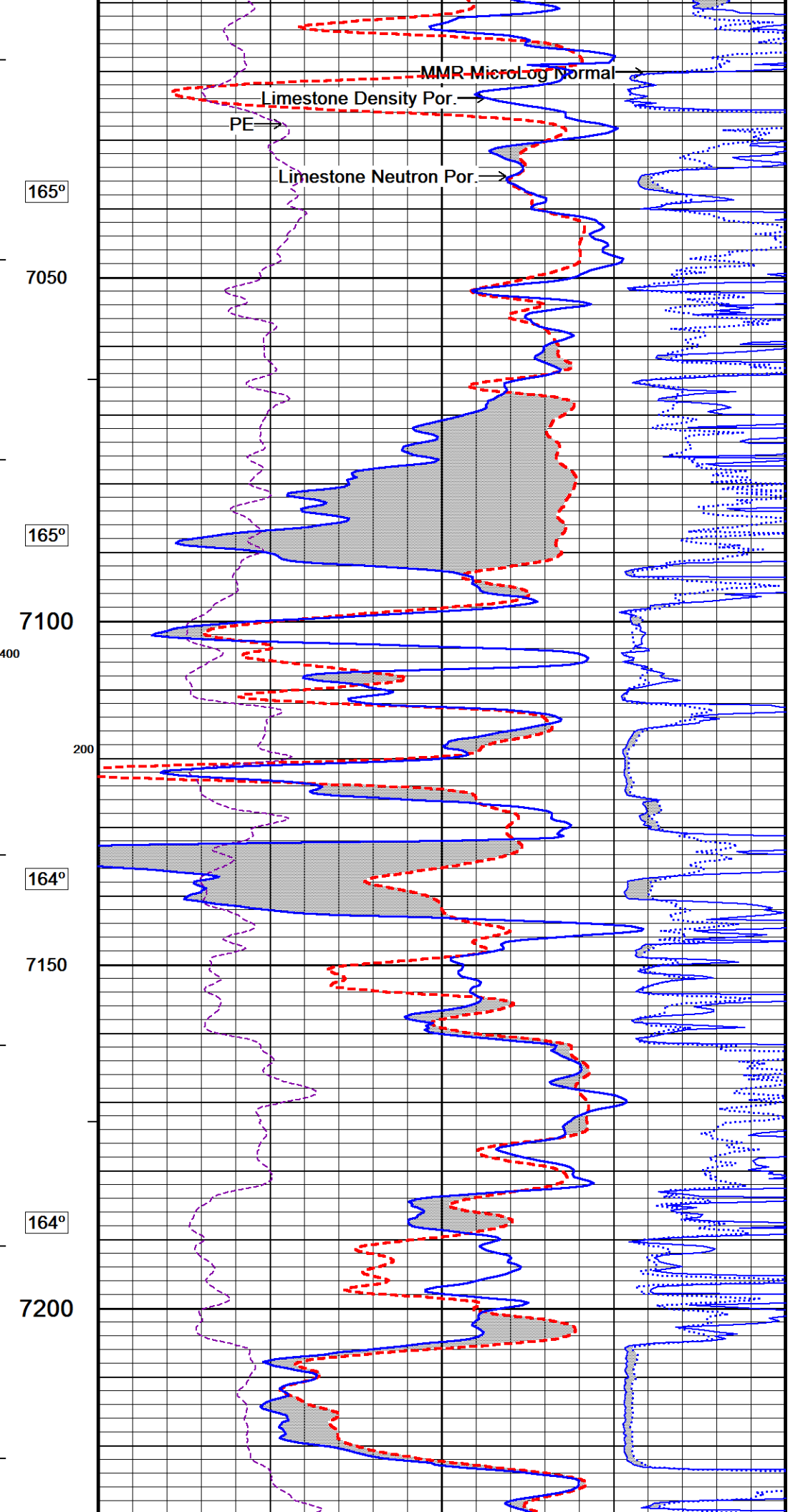
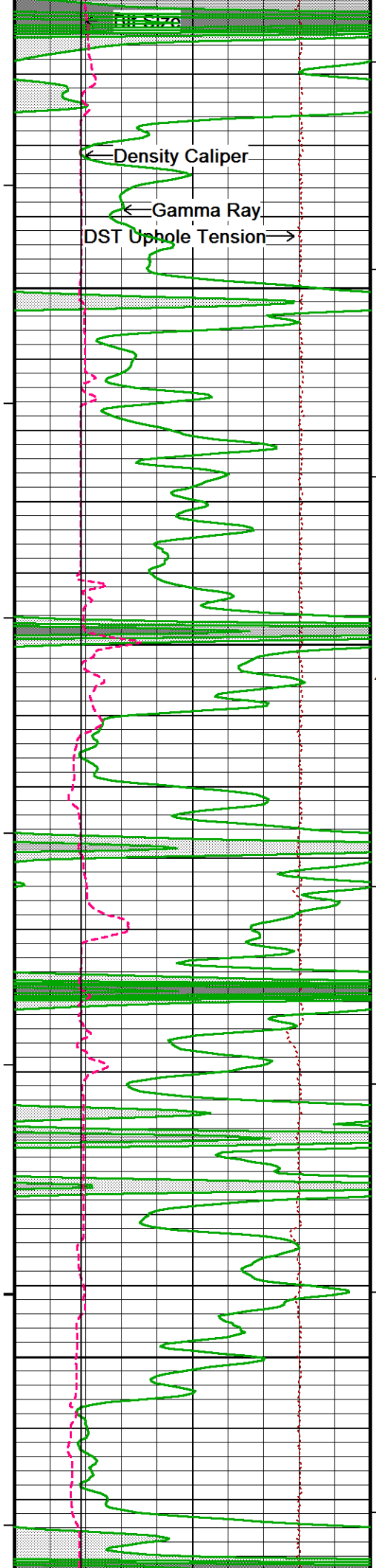
163°

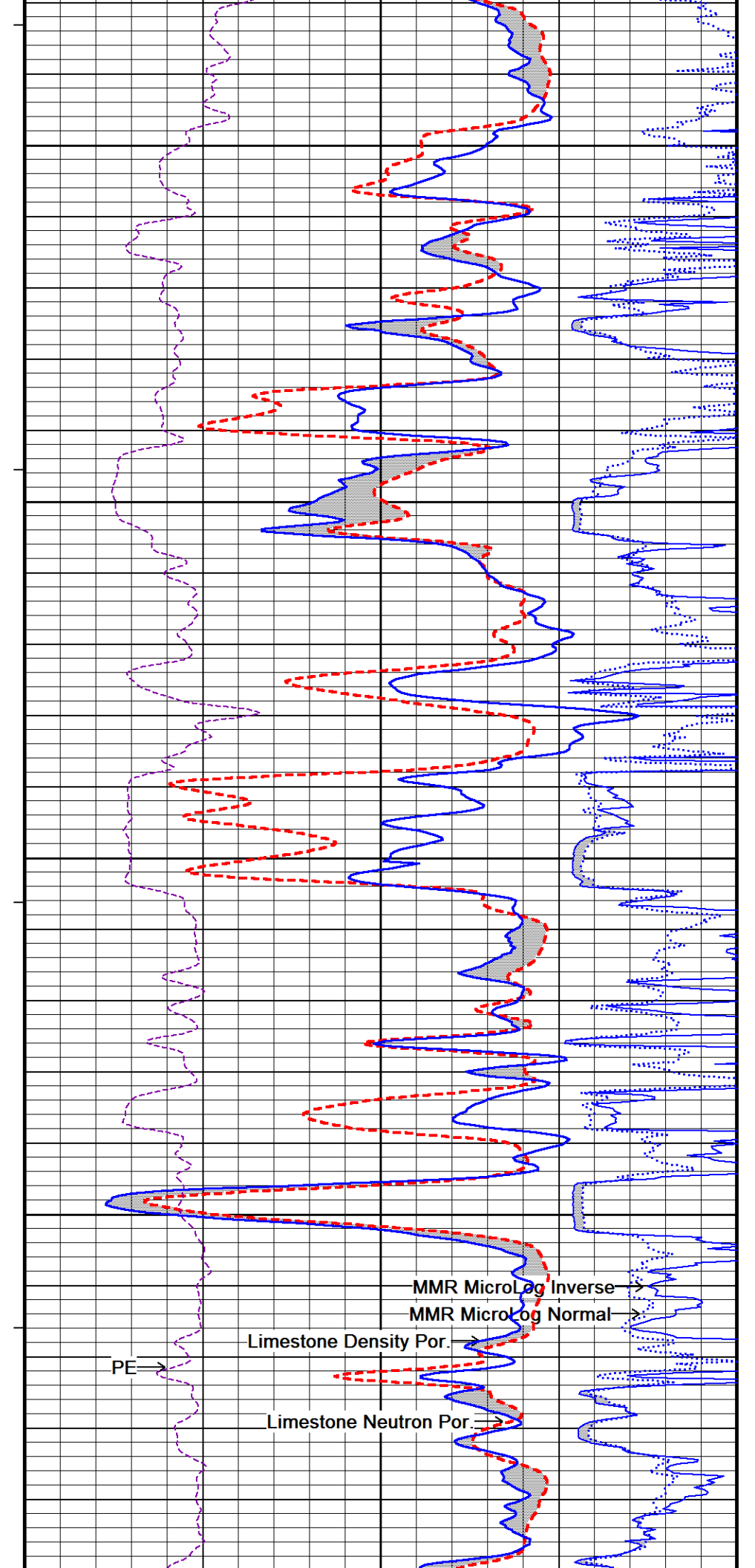
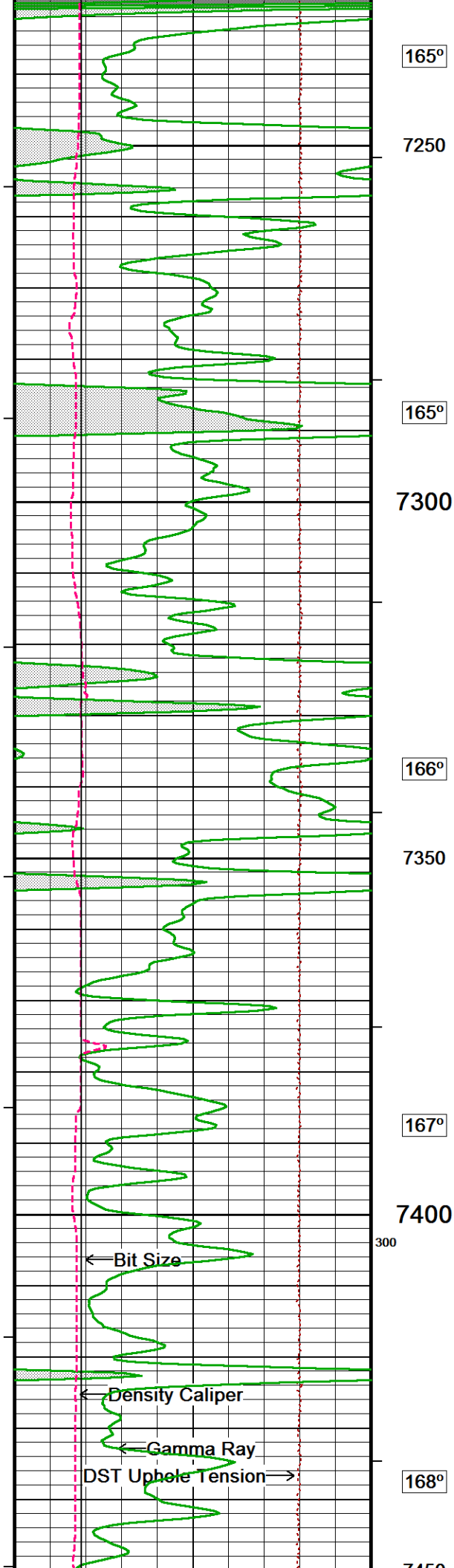
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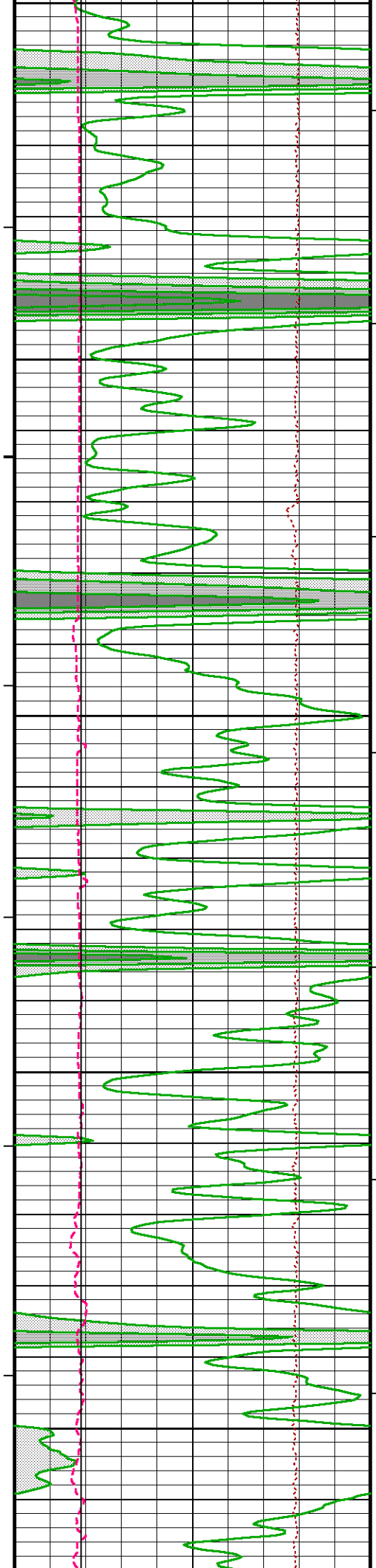
164°

7000

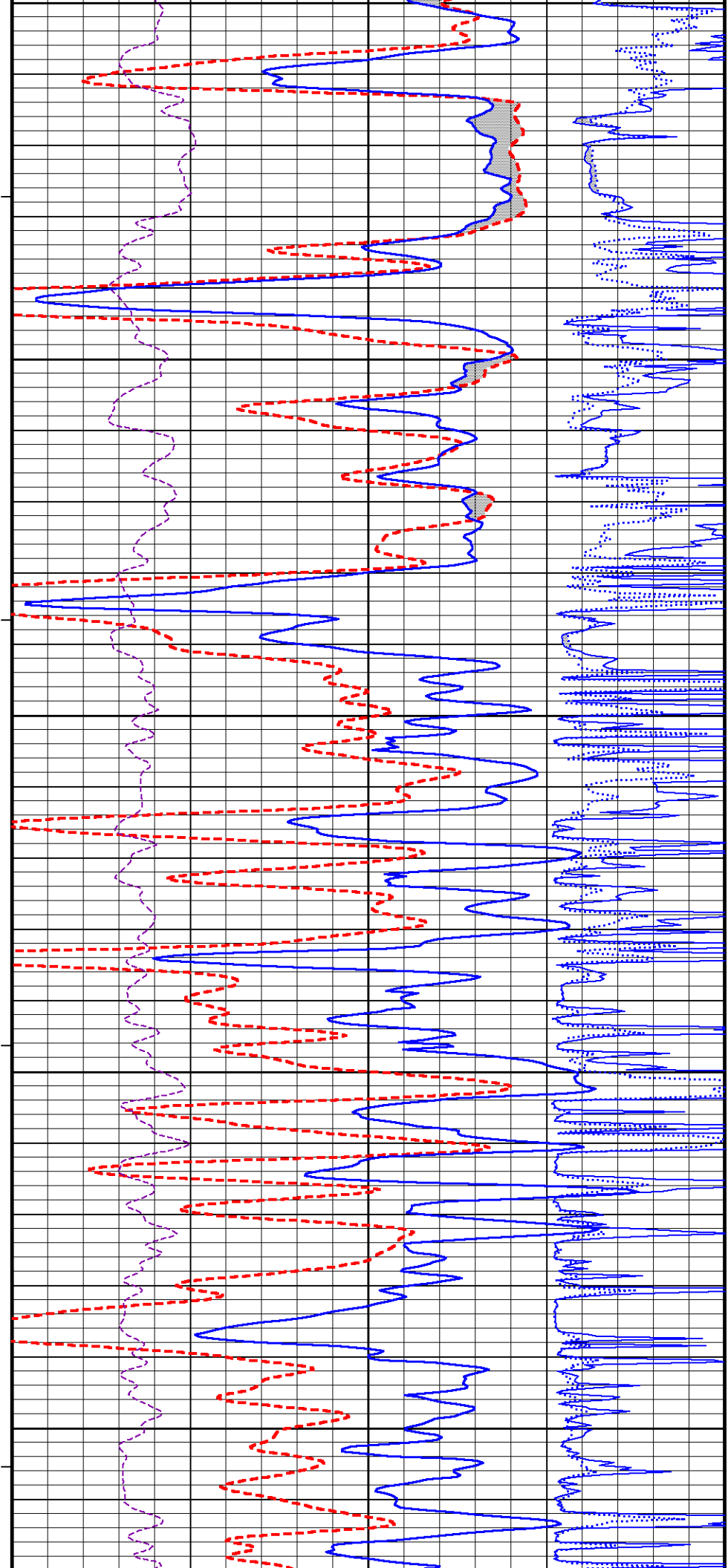


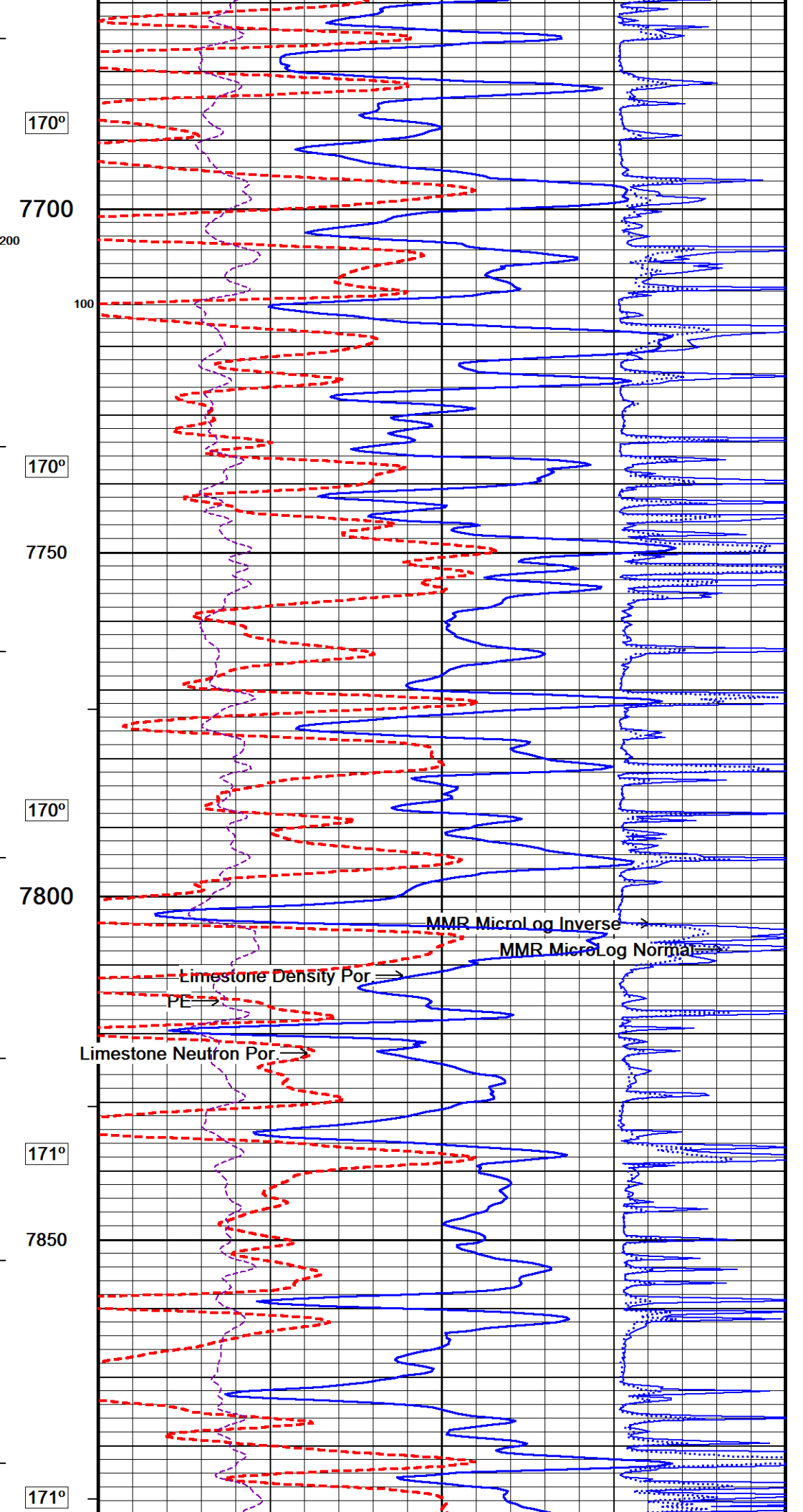
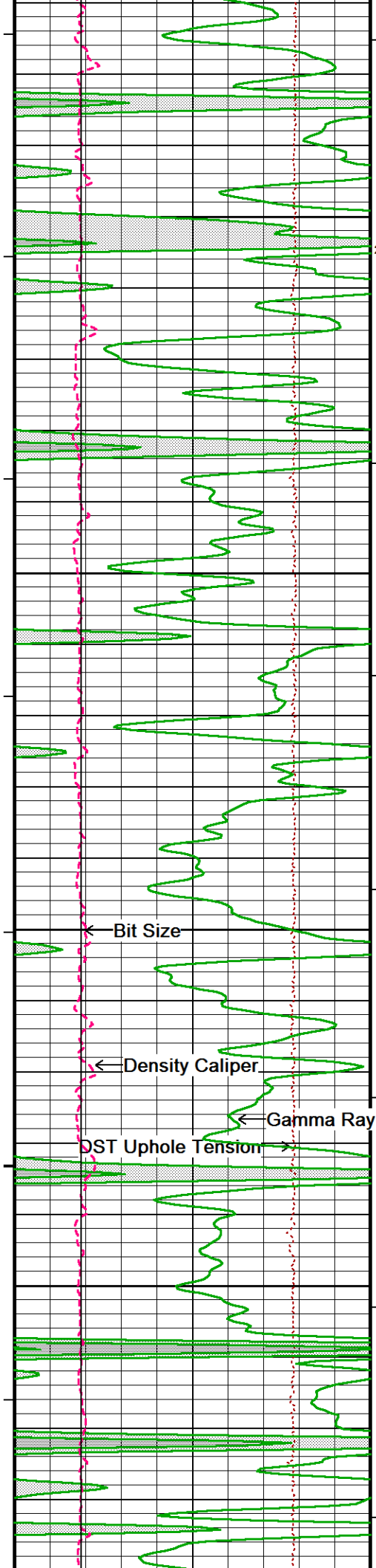


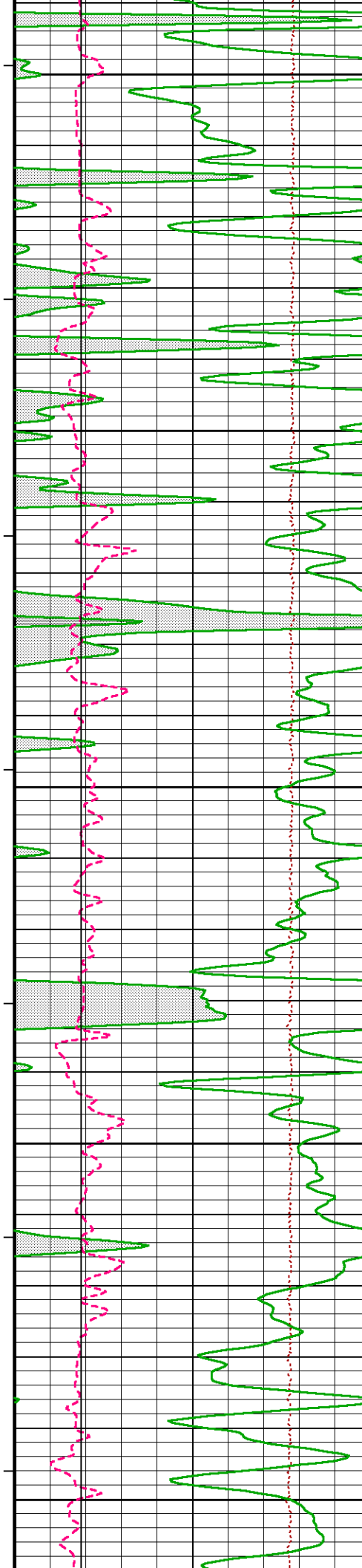




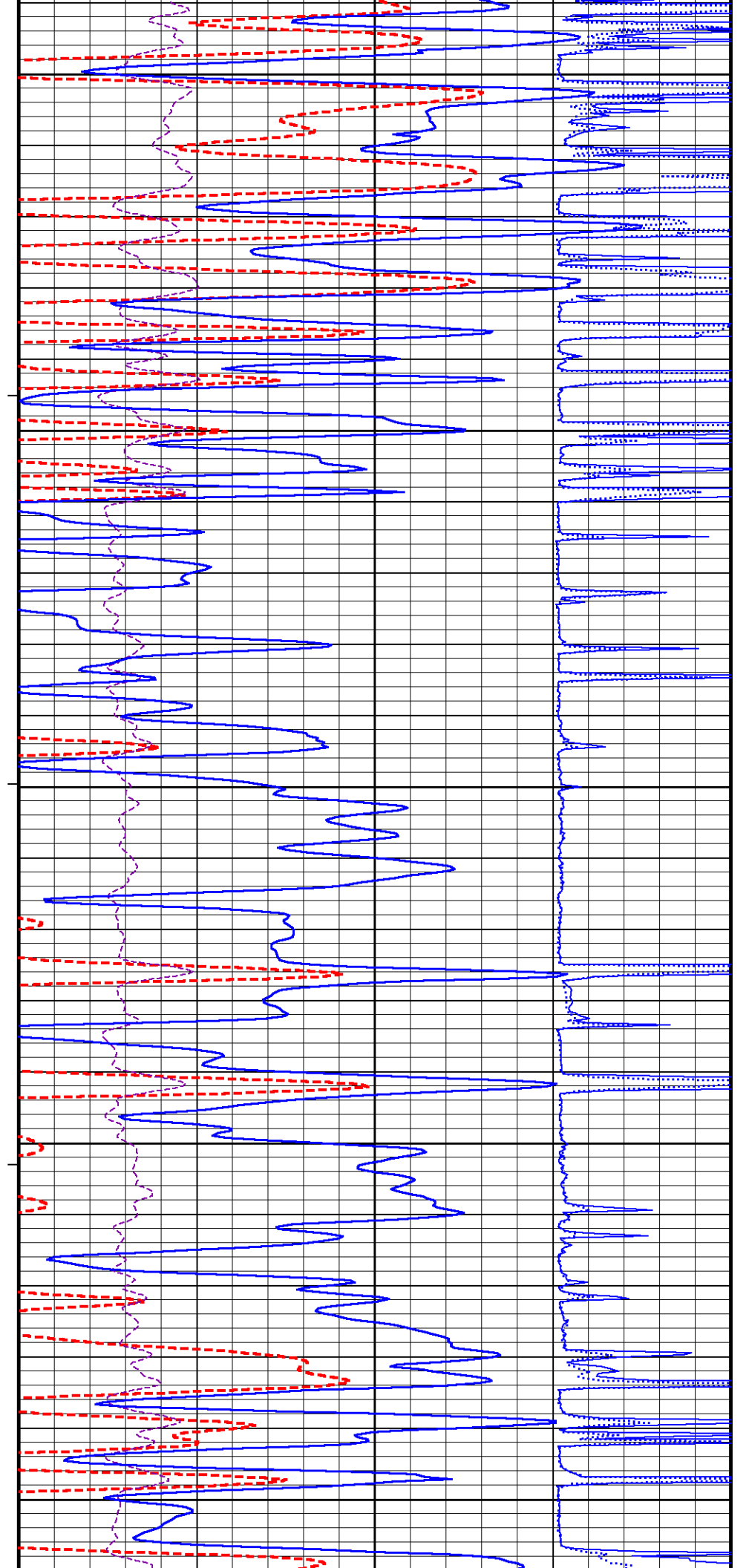
7450
168°
7500
168°
7550
169°
7600
169°
7650

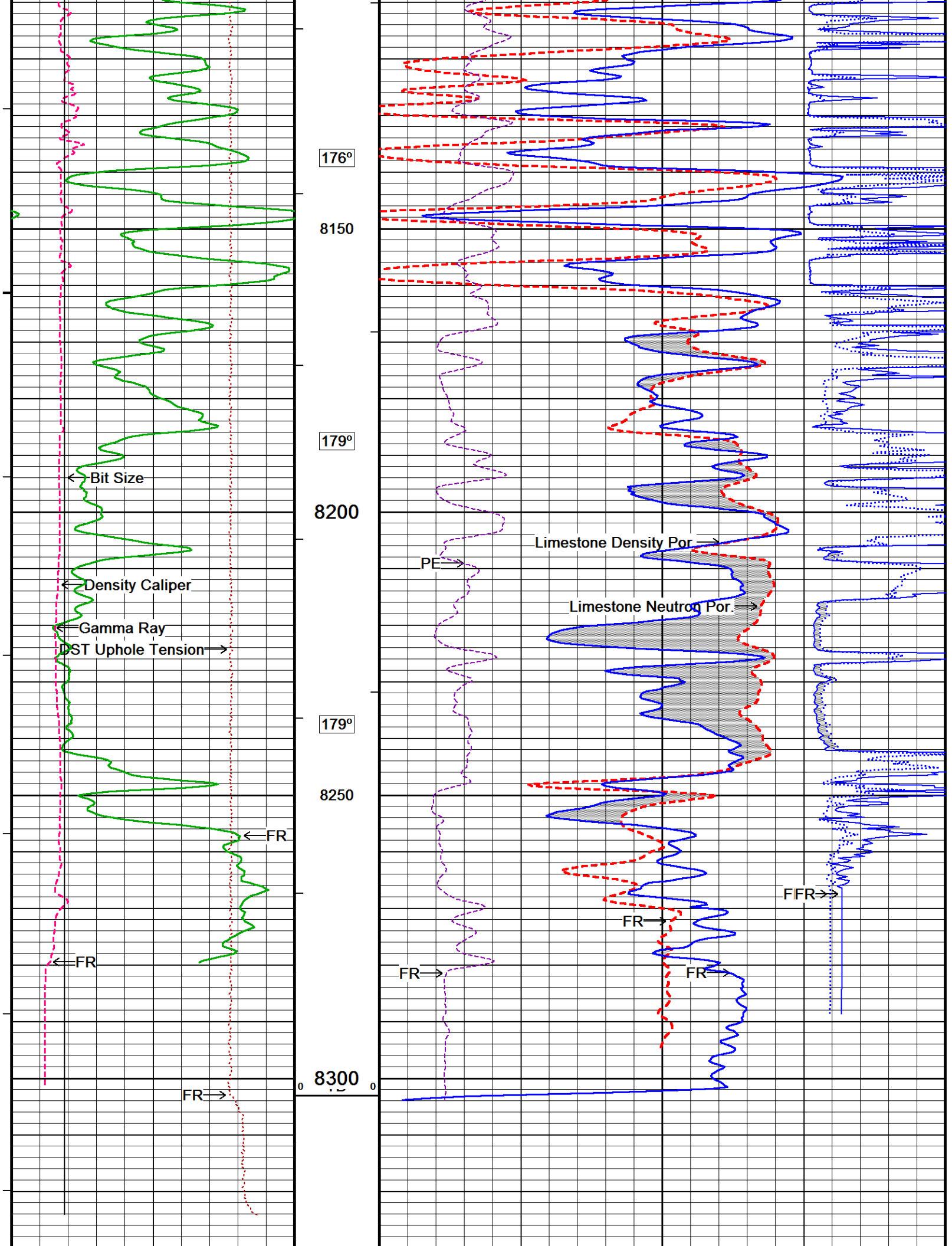


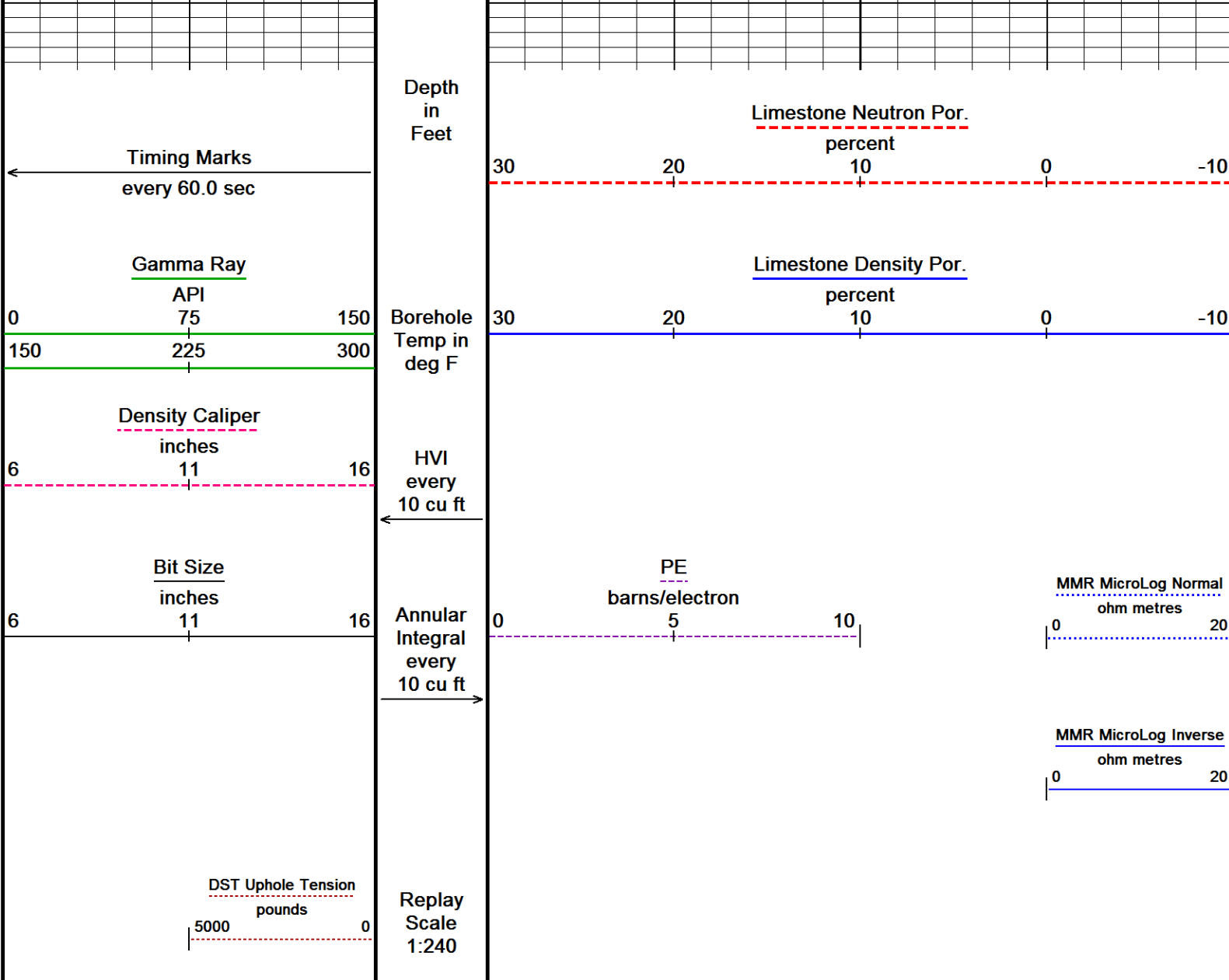




7900
171°
7950
172°
100 8000
173°
8050
174°
8100





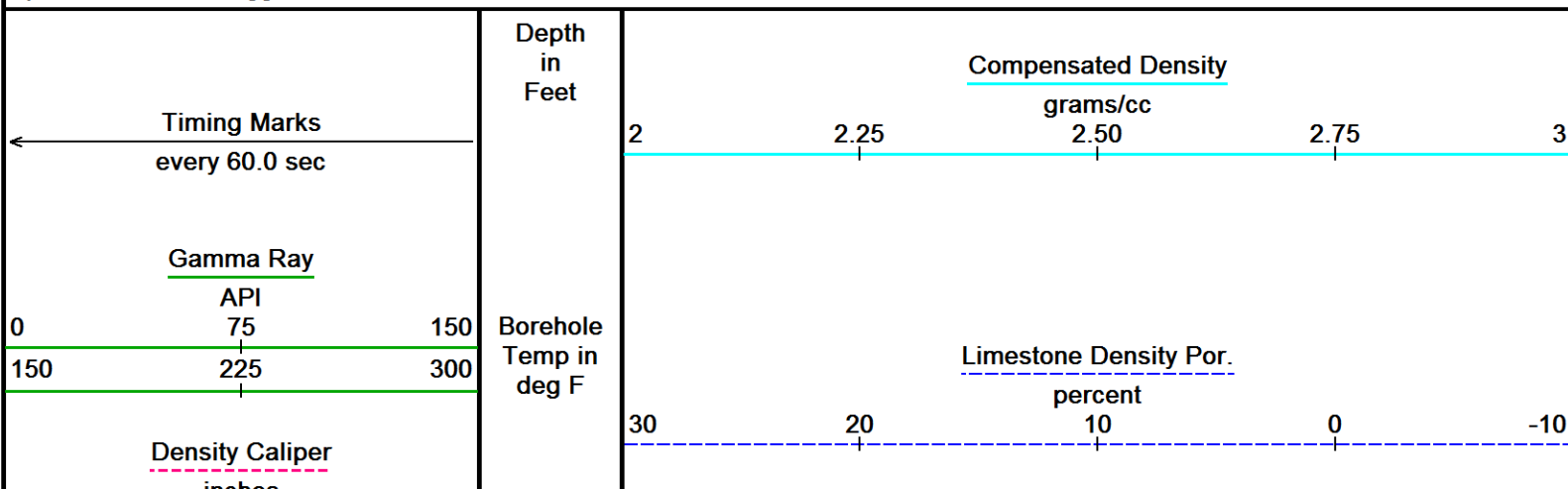


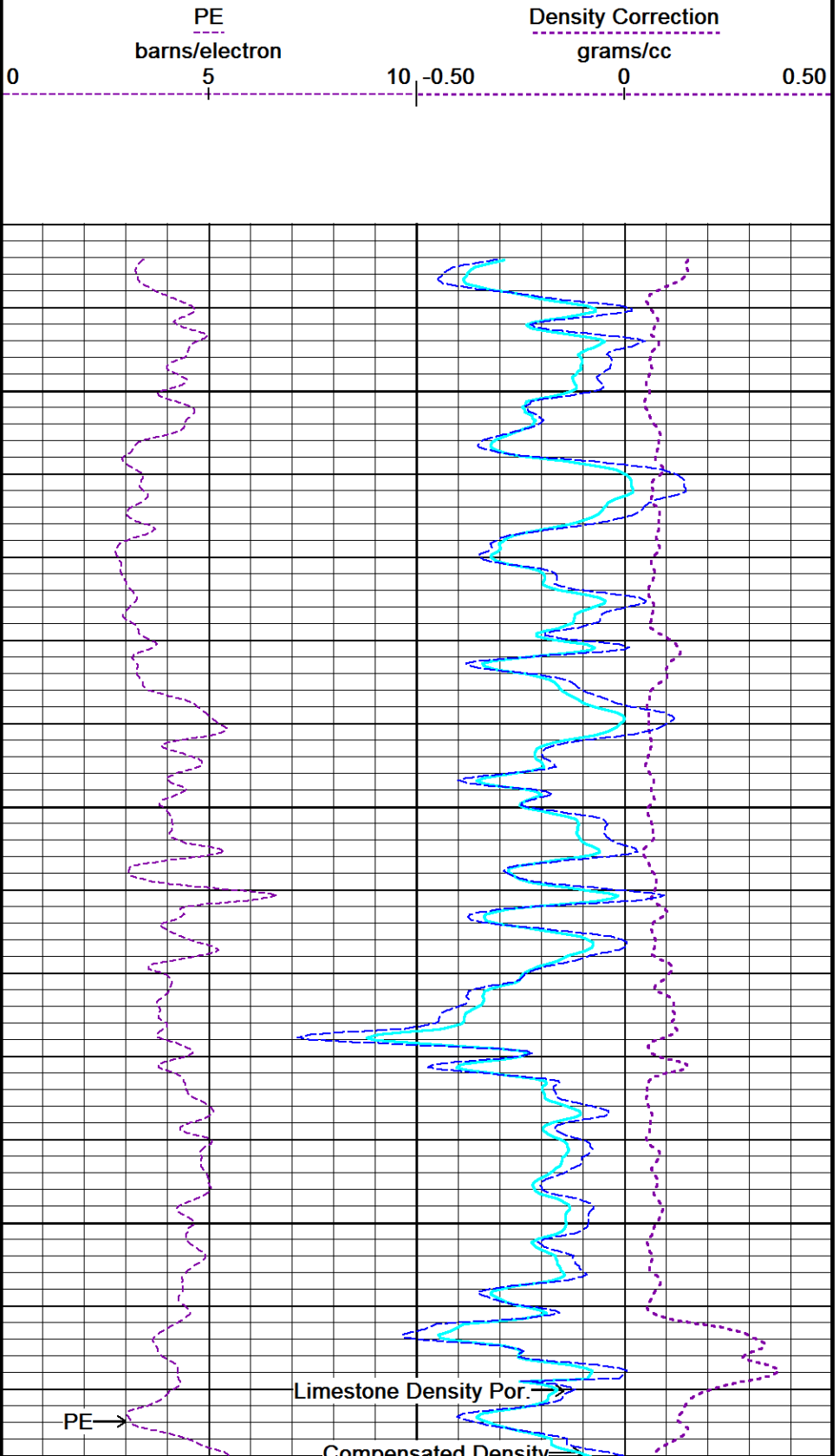
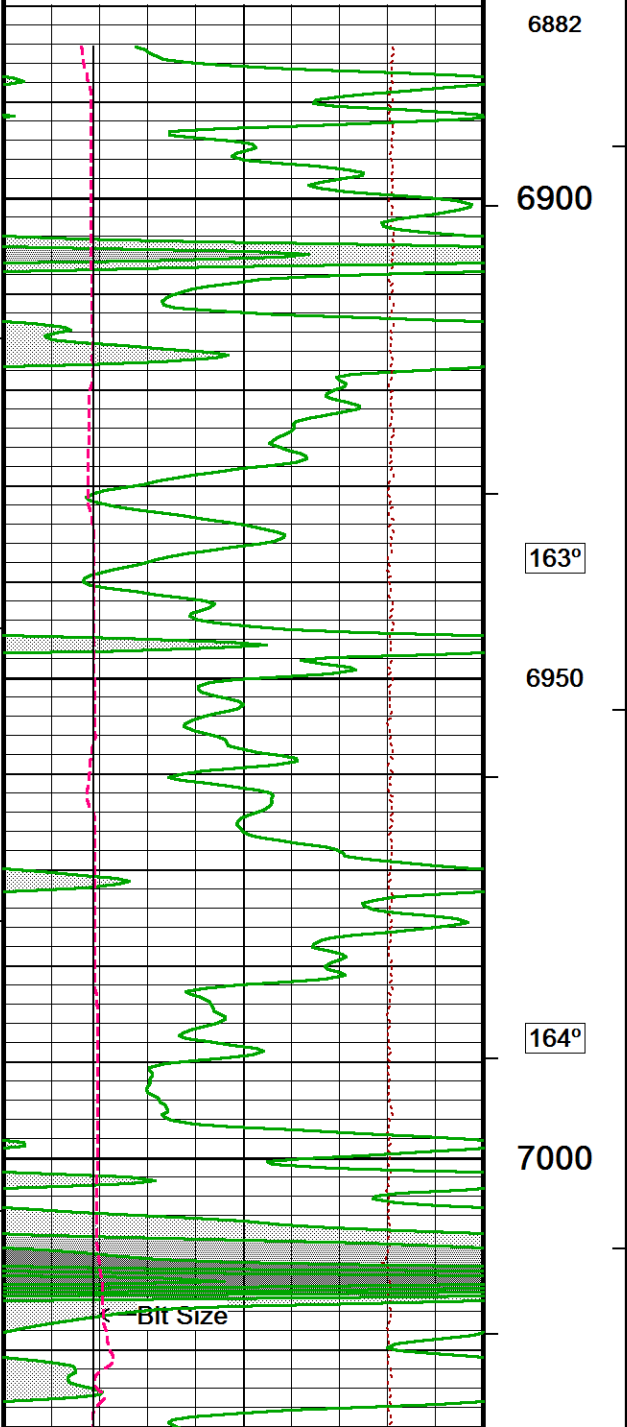
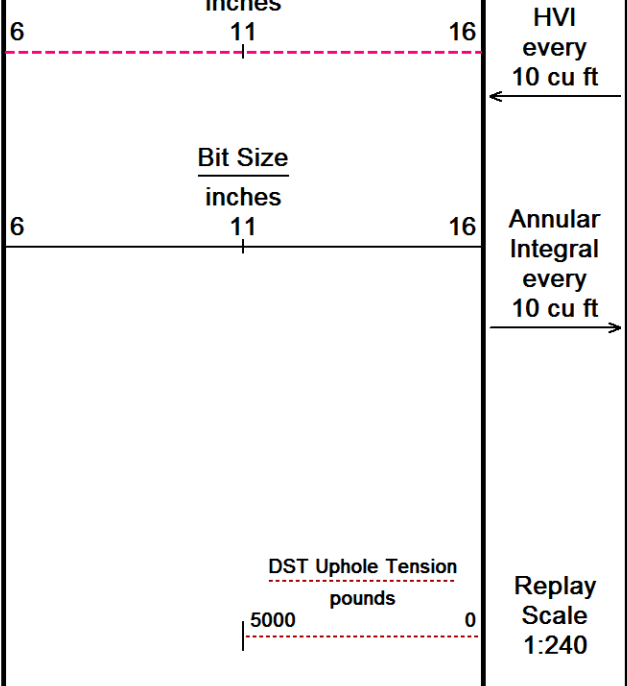
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System Versions: Logged with 18.03.9344 Plotted with 18.03.9344

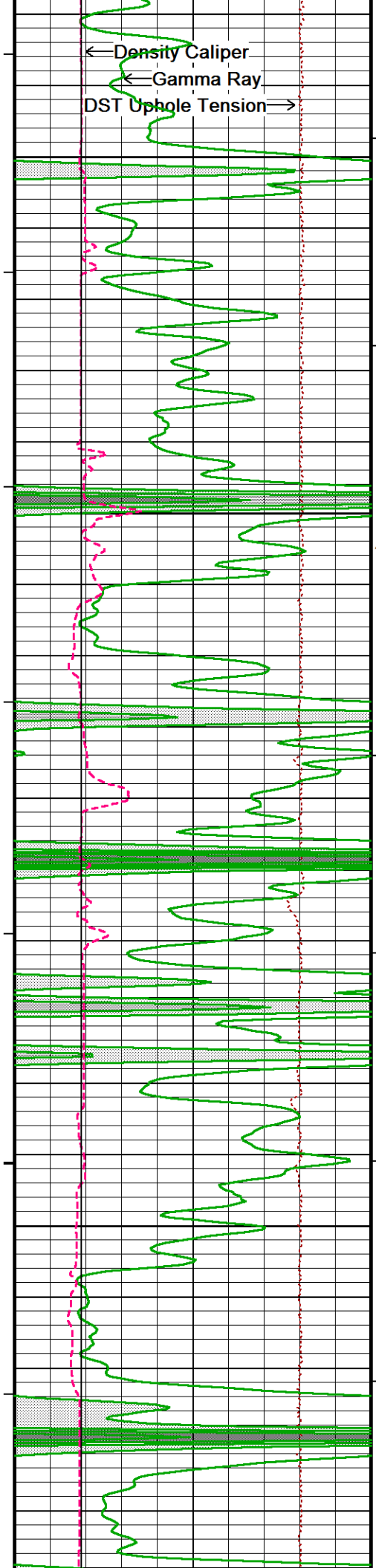
5 INCH MAIN PASS _ LIMESTONE POROSITY 1:240

5 INCH MAIN PASS _ BULK DENSITY 1:240

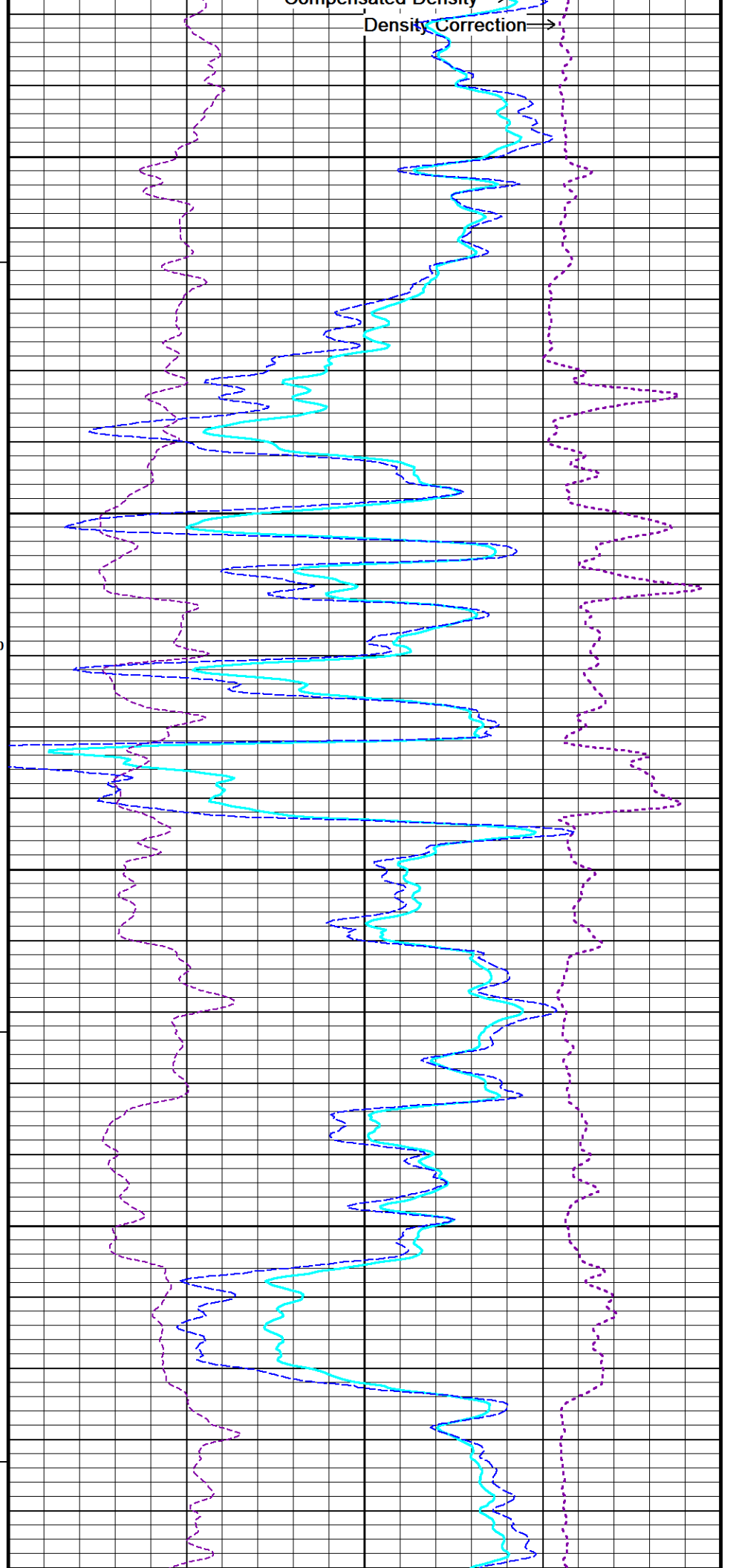
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System Versions: Logged with 18.03.9344 Plotted with 18.03.9344

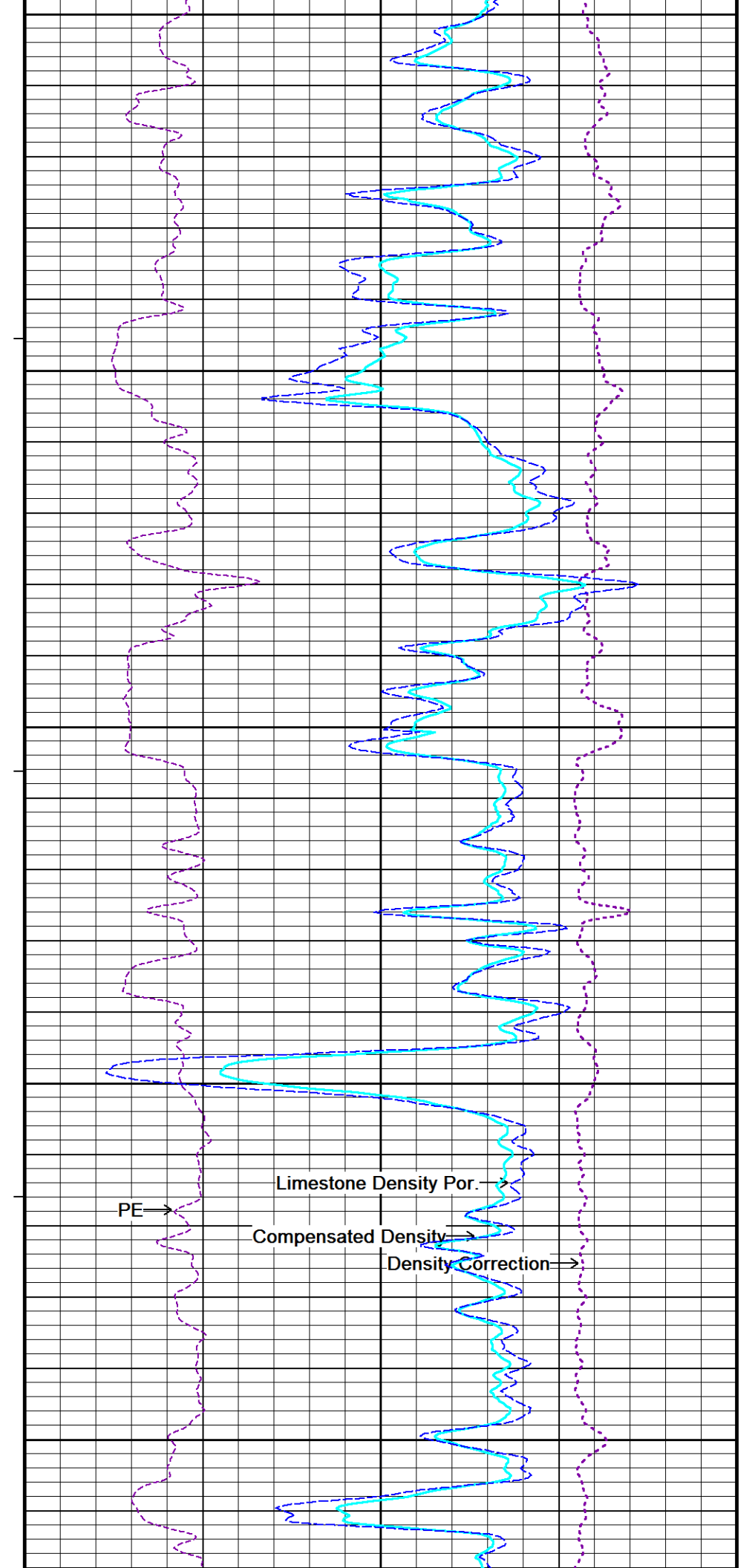
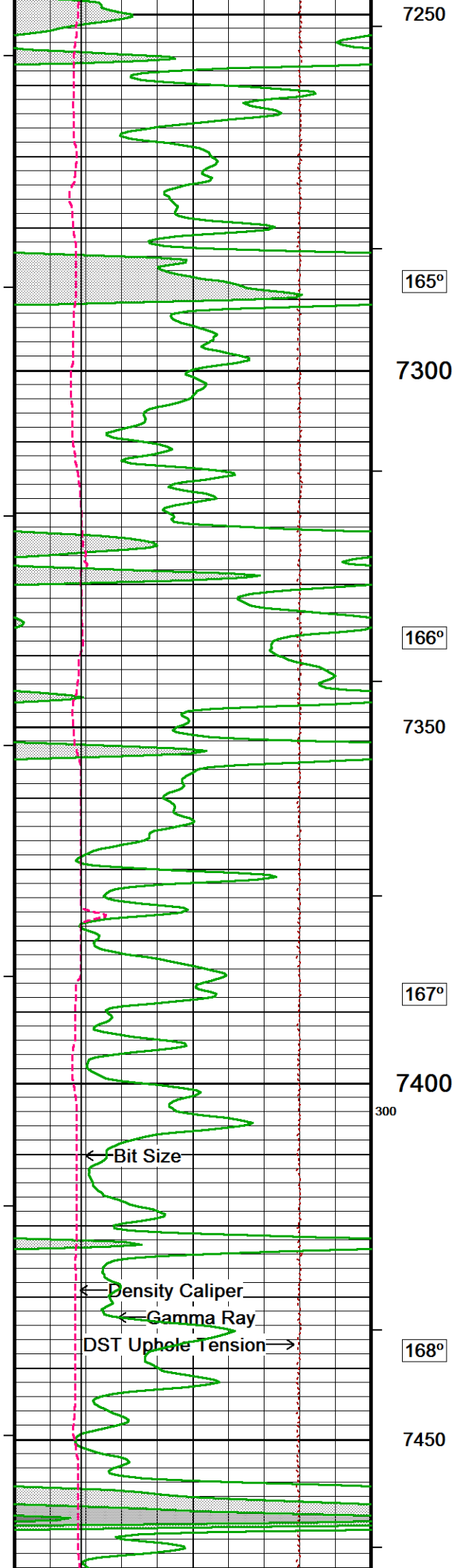


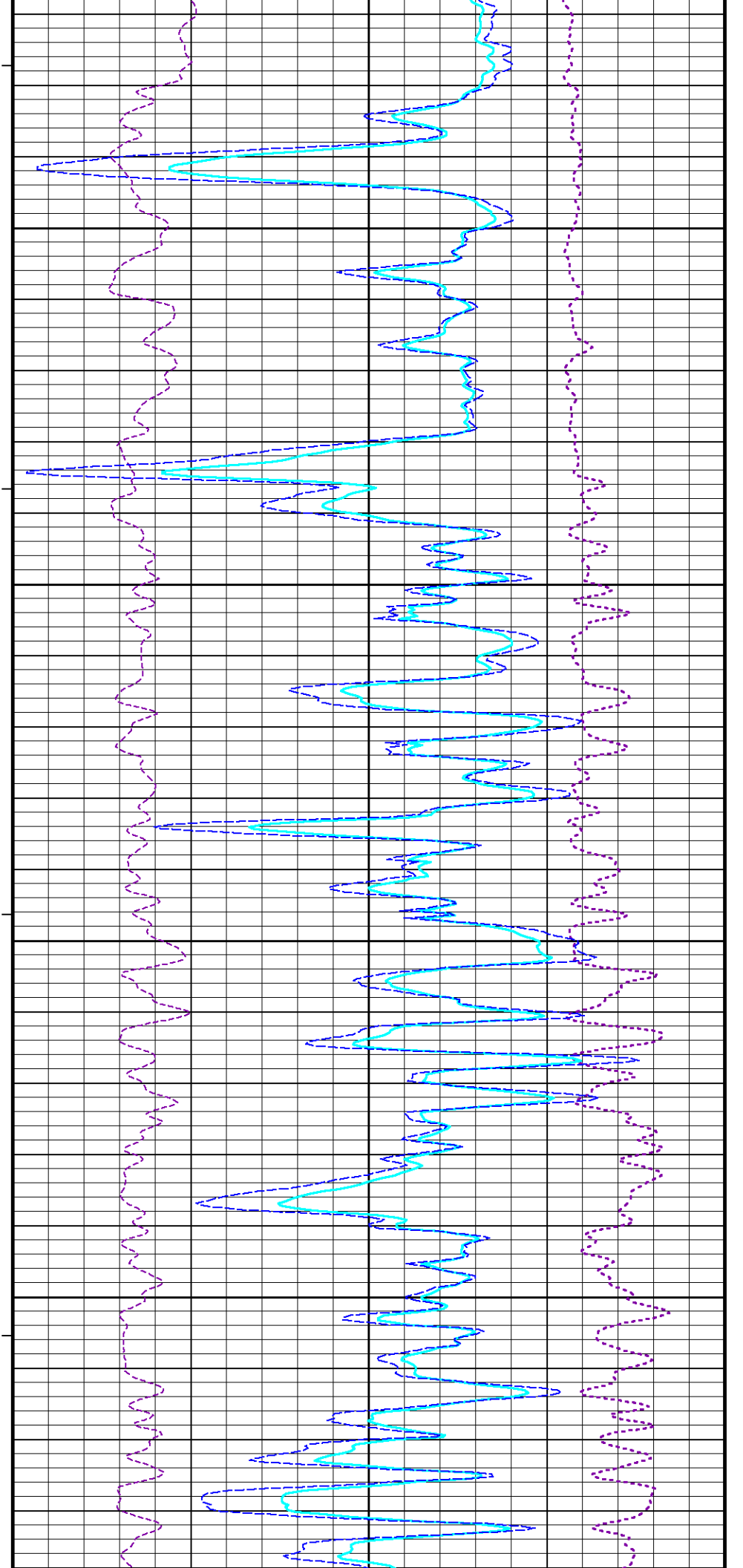
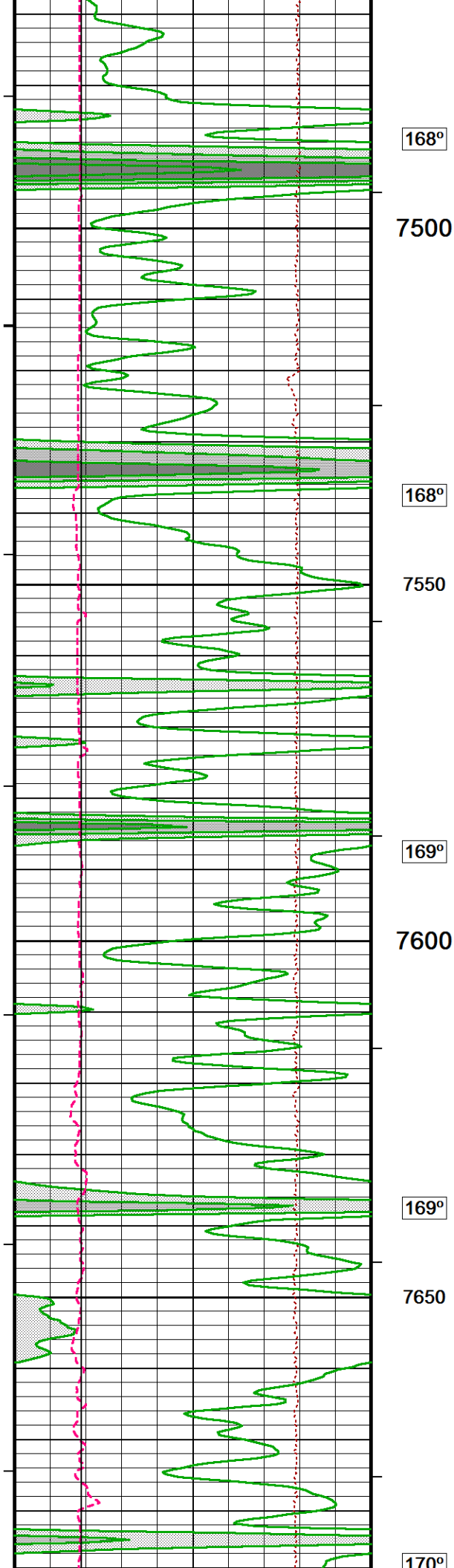


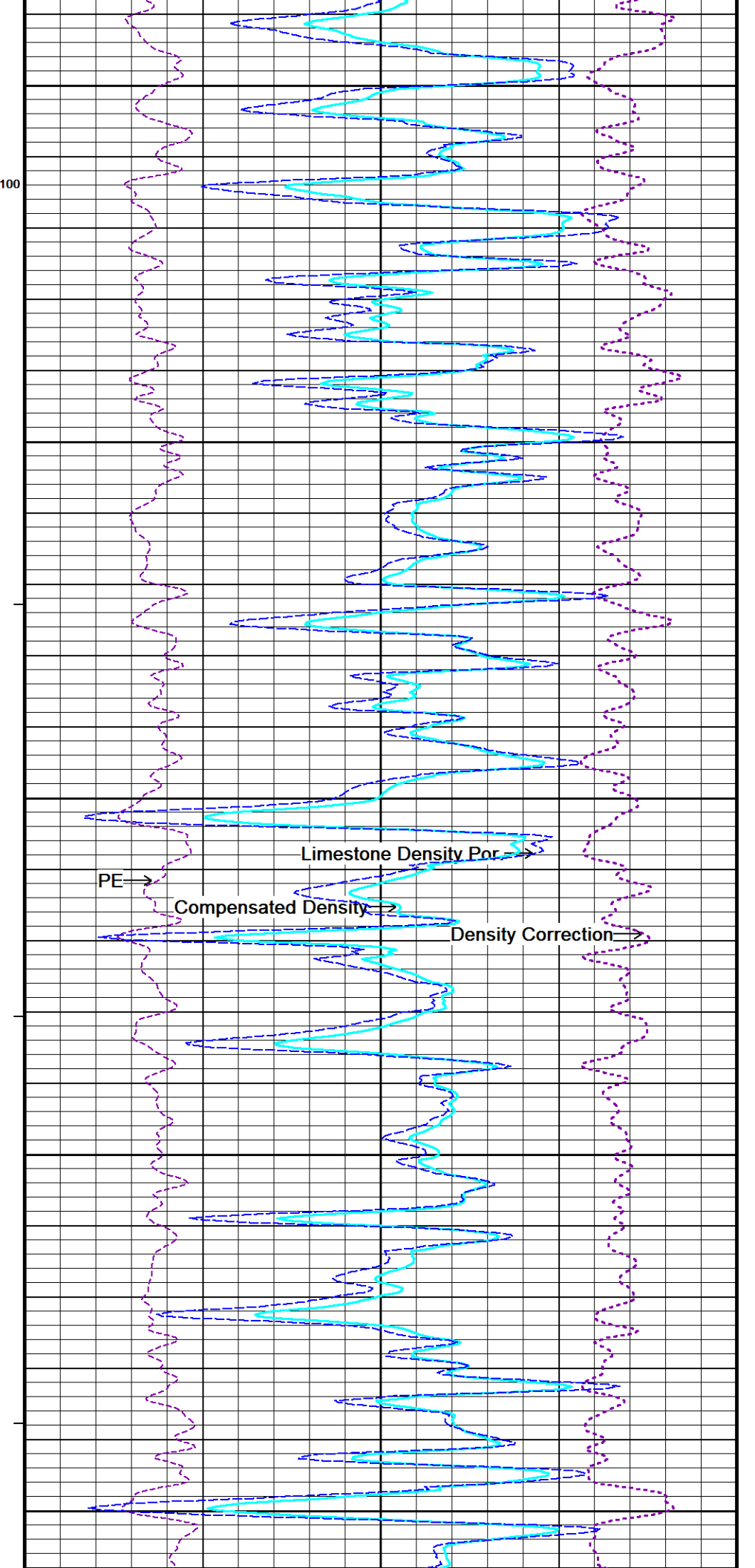
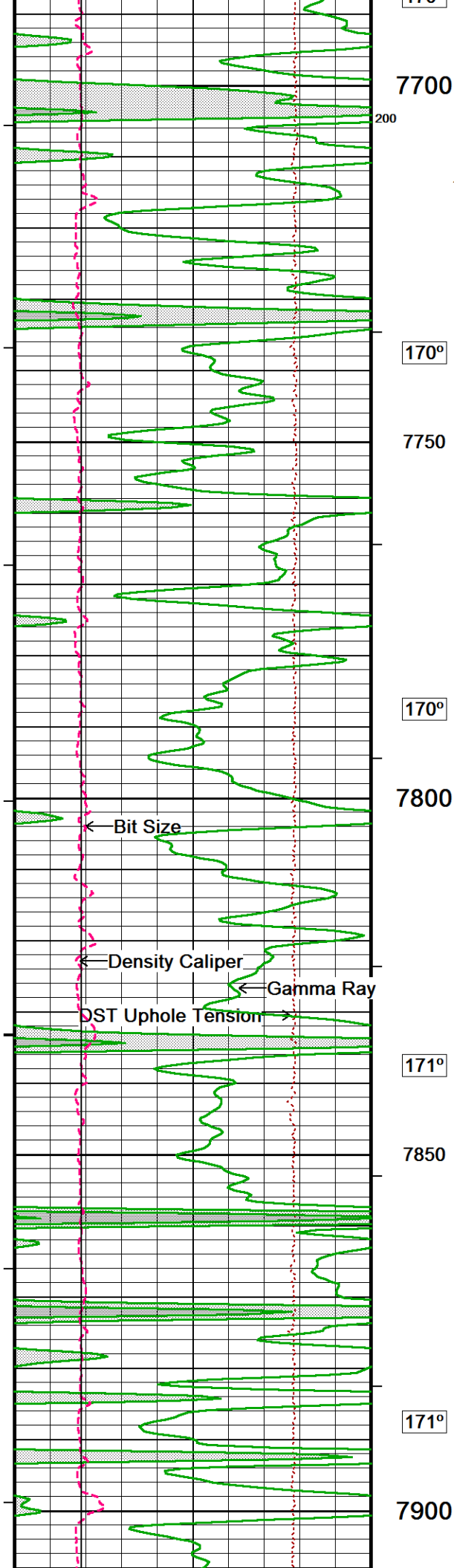


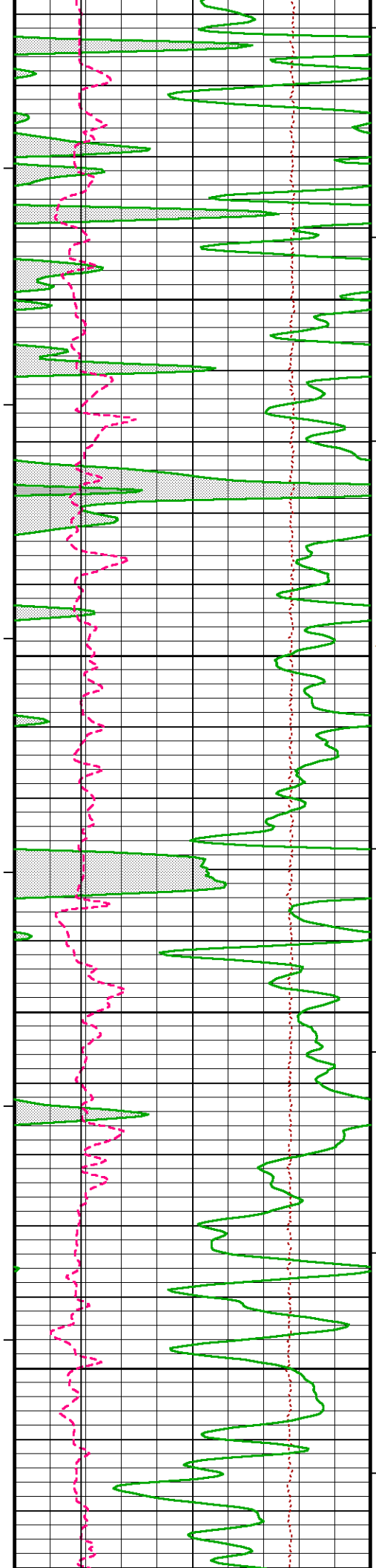
165°
7050
165°
7100
400
200
164°
7150
164°
7200
165°











171°

7950

172°

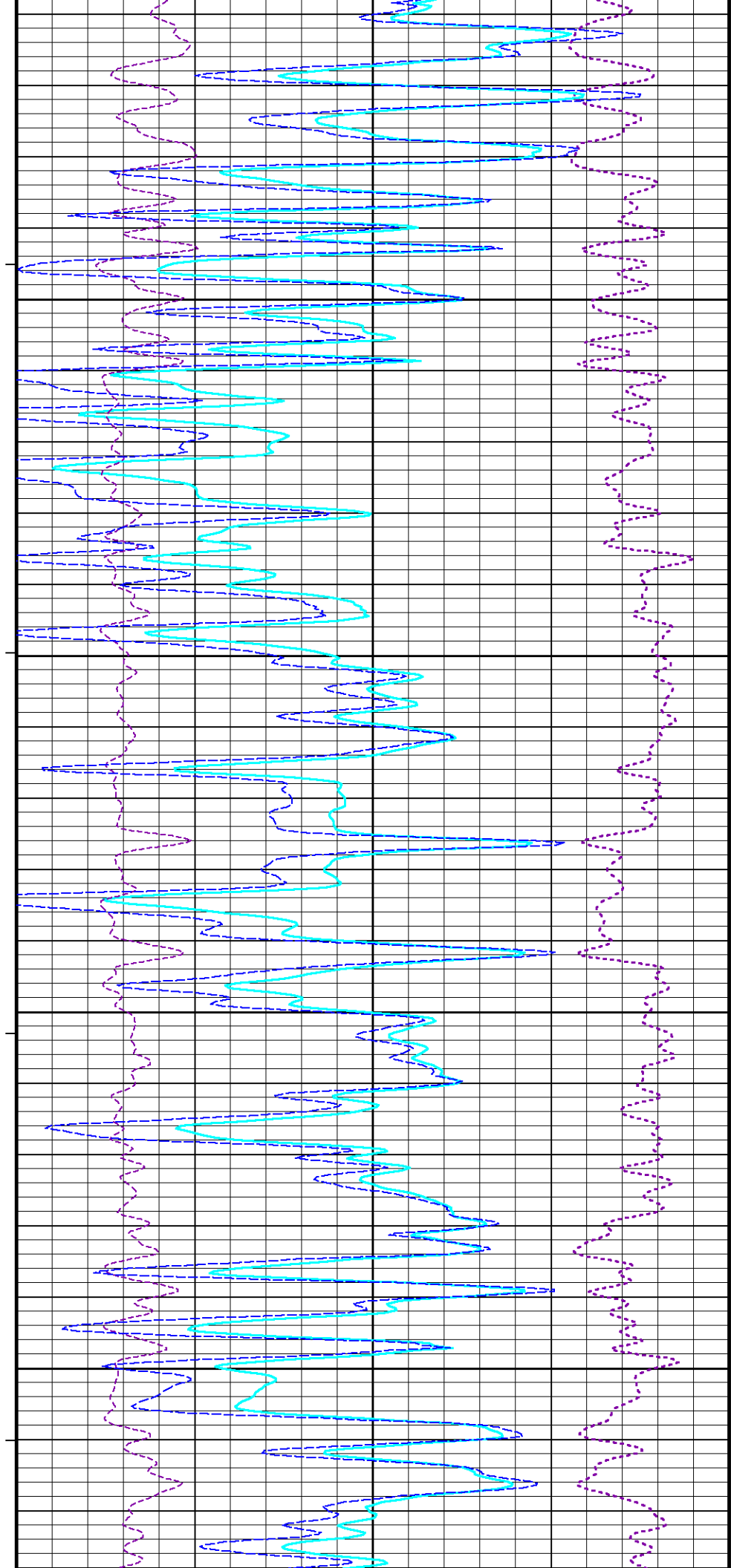
100 8000

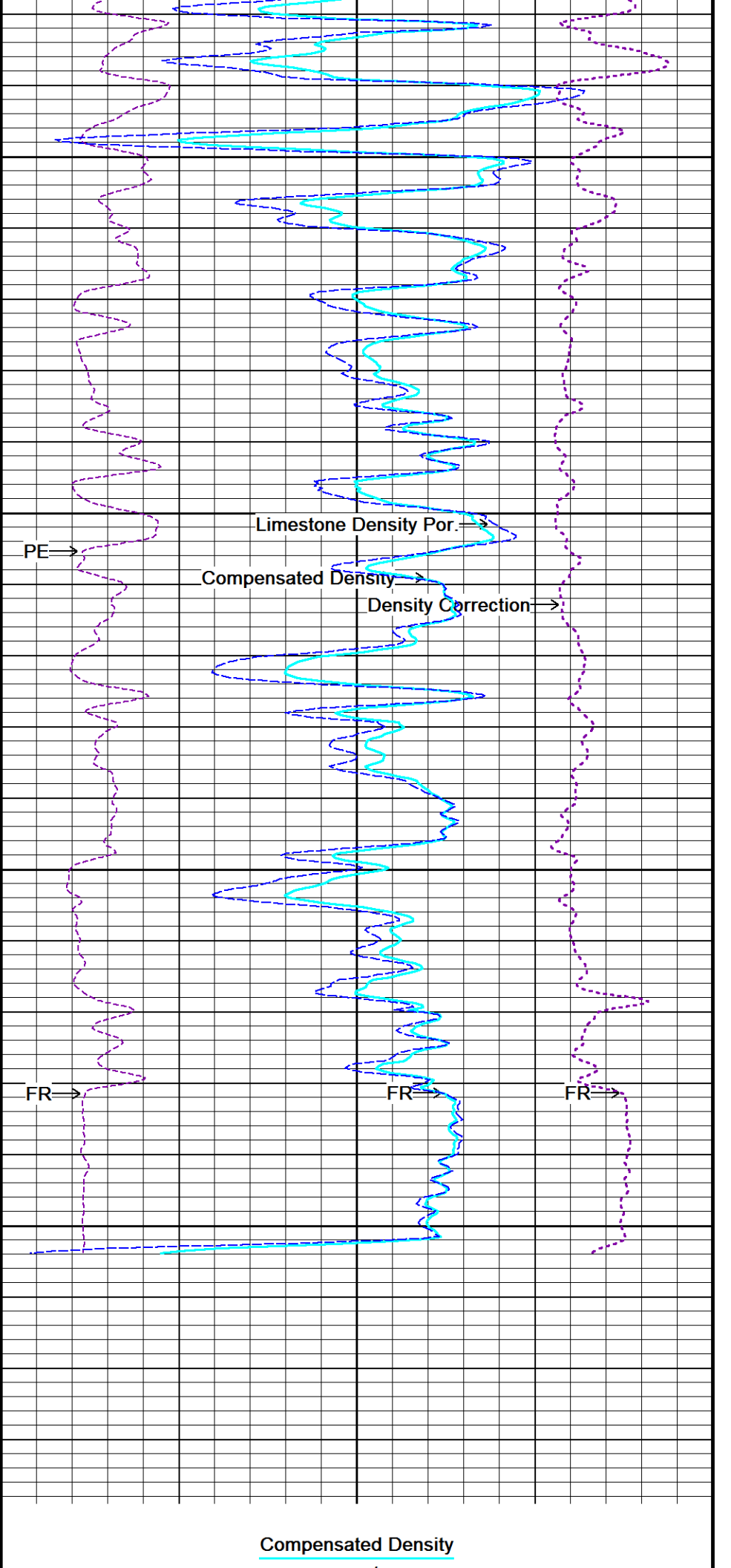
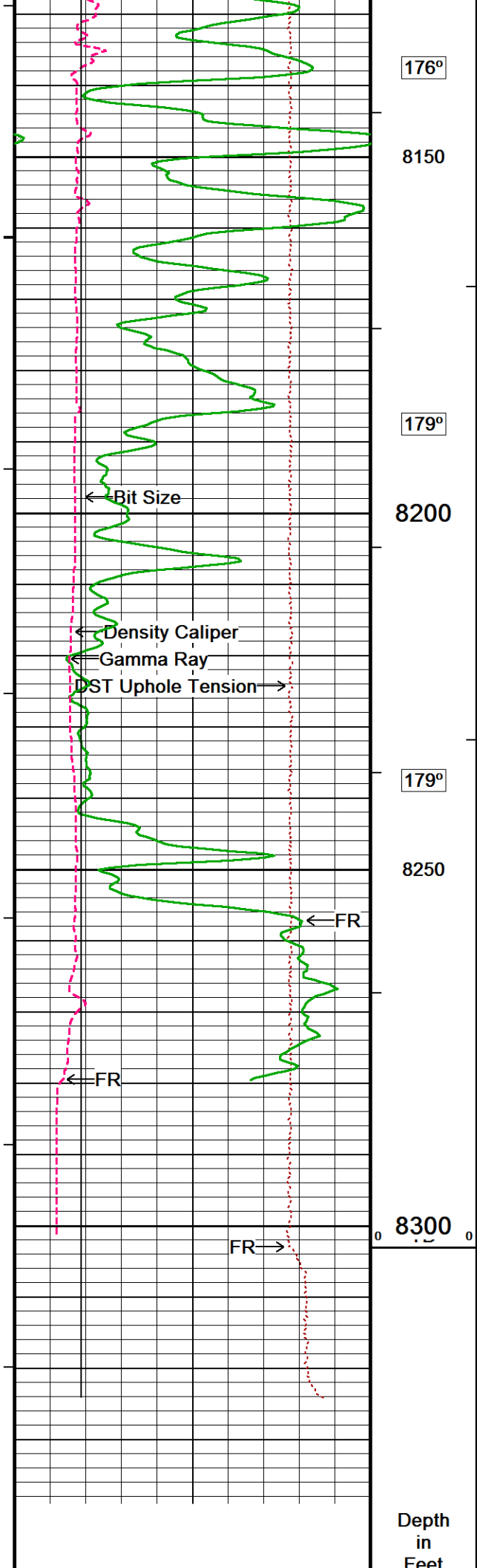
173°

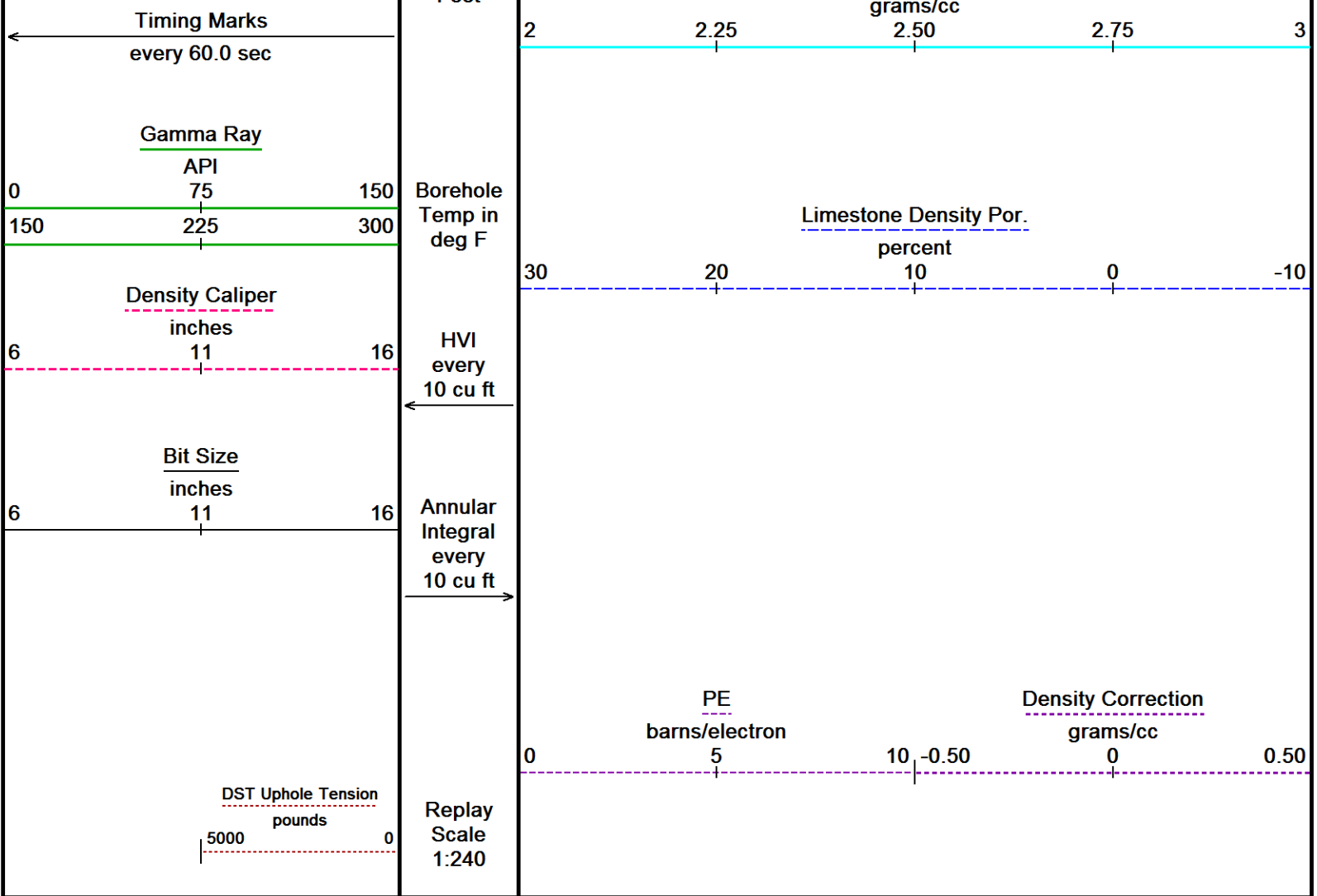
8050

174°

8100







Depth Based Data - Maximum Sampling Increment 10.0cm

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System Versions: Logged with 18.03.9344 Plotted with 18.03.9344

Plotted on 20-JAN-2019 04:08