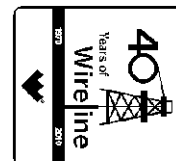




Weatherford

**COMPACT WELL SHUTTLE
COMPENSATED PHOTO DENSITY
COMPENSATED DUAL NEUTRON LOG**

COMPANY **EXXON MOBIL CORPORATION**
WELL **NORTH PICEANCE CREEK 196-19B1**
FIELD **PICEANCE CREEK**
PROVINCE/COUNTY **RIO BLANCO**
COUNTRY/STATE **U.S.A. / COLORADO**
LOCATION **SHL: 2493' FNL & 423' FEL**



| | | | | | |
|--|----------------|-------|-------|------------------|--|
| LSD | SEC | TWP | RGE | Other Services | |
| | 19 | 1S | 96W | RESISTIVITY | |
| API Number | 05-103-1108100 | | | SONIC | |
| Permit Number | 05-103-1108100 | | | | |
| Permanent Datum G.L., Elevation 6882.5 feet | | | | Elevations: feet | |
| Log Measured From K.B. @ 30 FEET above Permanent Datum | | | | KB 6912.50 | |
| Drilling Measured From K.B. | | | | DF 6911.50 | |
| | | | | GL 6882.50 | |
| Date | 29-OCT-2010 | | | | |
| Run Number | ONE | | | | |
| Depth Driller | 14761.00 | | | feet | |
| Depth Logger | 14761.00 | | | feet | |
| First Reading | 14685.00 | | | feet | |
| Last Reading | 11154.00 | | | feet | |
| Casing Driller | 11164.00 | | | feet | |
| Casing Logger | 11154.00 | | | feet | |
| Bit Size | 6.125 | | | inches | |
| Hole Fluid Type | GEL CHEM | | | | |
| Density / Viscosity | 12.10 lb/USg | | 58.00 | CP | |
| PH / Fluid Loss | 9.60 | | 8.60 | ml/30Min | |
| Sample Source | FLOWLINE | | | | |
| Rm @ Measured Temp | 2.52 @ 97.5 | | | ohm-m | |
| Rmf @ Measured Temp | 2.02 @ 97.5 | | | ohm-m | |
| Rmc @ Measured Temp | 3.02 @ 97.5 | | | ohm-m | |
| Source Rmf / Rmc | CALC | CALC | | | |
| Rm @ BHT | 0.93 @270.0 | | ohm-m | | |
| Time Since Circulation | 0.5 HOURS | | | | |
| Max Recorded Temp | 270.00 | | | deg F | |
| Equipment Name | COMPACT | | | | |
| Equipment / Base | 13038 | GDUCT | | | |
| Recorded By | B. ROSSER | | | | |
| Witnessed By | M. SAURBORN | | | R. OWENS | |

BOREHOLE RECORD

Last Edited: 28-OCT-2010 11:59

| Bit Size inches | Depth From feet | Depth To feet |
|--------------------|--------------------|------------------|
| 6.125 | 11164.00 | 14761.00 |

CASING RECORD

| Type | Size inches | Depth From feet | Shoe Depth feet | Weight pounds/ft |
|--------|----------------|--------------------|--------------------|---------------------|
| INTERM | 7.000 | 0.00 | 11164.00 | 26.00 |

REMARKS

TOOLS: COMPACT DROP OFF, GAMMA RAY, NEUTRON, DENSITY, FOCUSED ELECTRIC, SONIC, AND INDUCTION RAN IN COMBINATION.

HARDWARE: DENSITY: 4 INCH PROFILE PLATE USED.
FOCUSED ELECTRIC: INLINE CENTRALIZERS USED.
SONIC: INLINE CENTRALIZERS USED.
INDUCTION: INLINE CENTRALIZERS USED.
SINGLE BOWSPRINGS USED FOR ECENTRALIZATION OF POROSITY TOOLS.

2.65 G/CC DENSITY MATRIX USED TO CALCULATE POROSITY.

ALL INTERVALS LOGGED AND SCALED PER CUSTOMER'S REQUEST.

DEPTH CONTROL TAKEN FROM PIPE STRAP AND TIED INTO INTERMEDIATE LOGS.

MFE NOT WORKING PROPERLY AND THEREFOR NOT SHOWN.

TWO FOOT RESOLUTION CURVES USE FOR INDUCTION DUE TO MFE NOT WORKING PROPERLY.

EEEC IS SHOWN ONLY AS ALTHOUGH IT IS NOT RELIABLE.

EFPC IS SHOWN ON LAS ALTHOUGH IT IS NOT RELIABLE.
IT IS BLOCKY FROM TD TO 11150 AND FLATLINED FROM 11150 TO CASING.

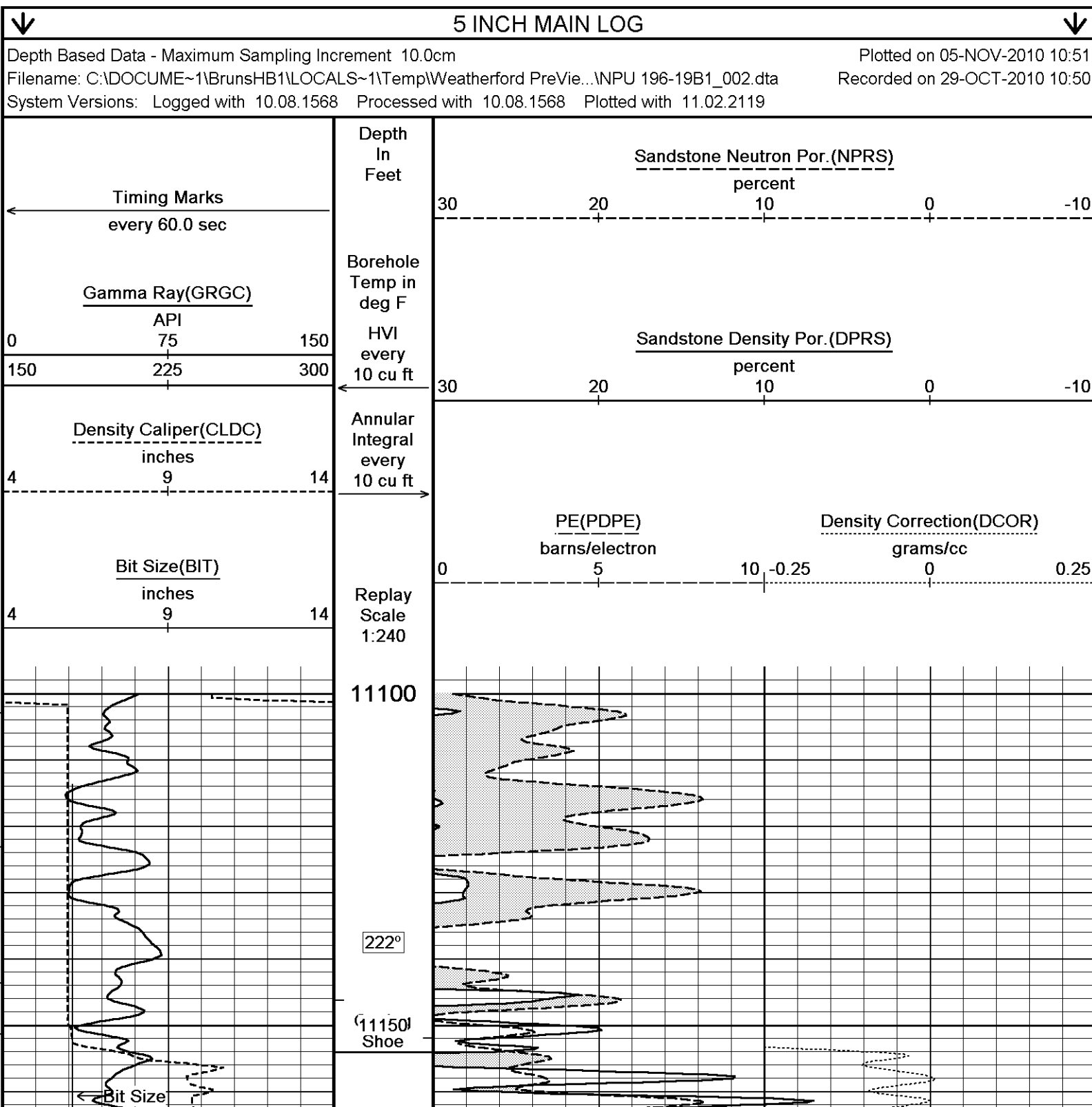
TIGHT PULLS, BOREHOLE SIZE, AND RUGOSITY WILL AFFECT DATA QUALITY.

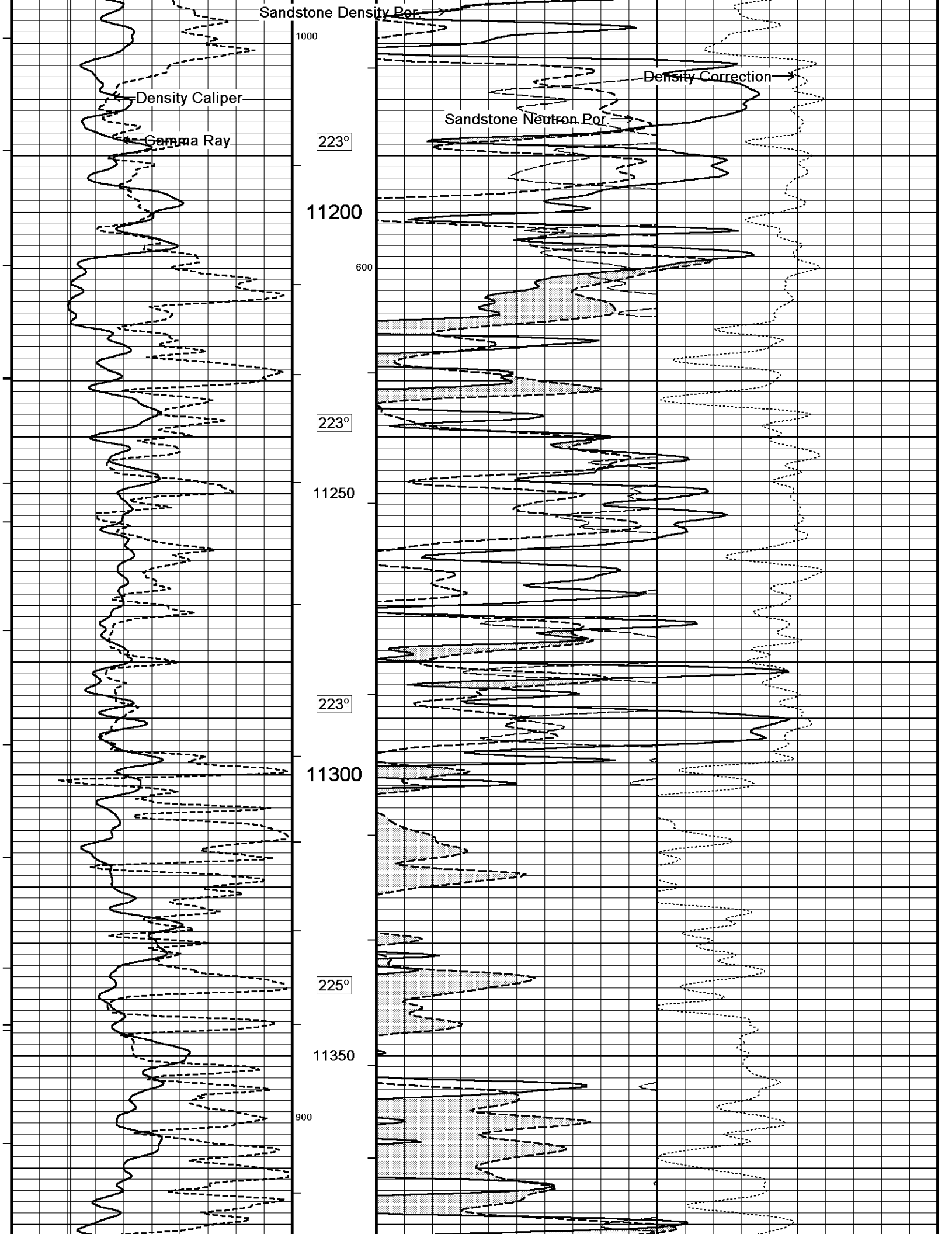
OPERATORS: J. YOAKUM, L. STAAKE

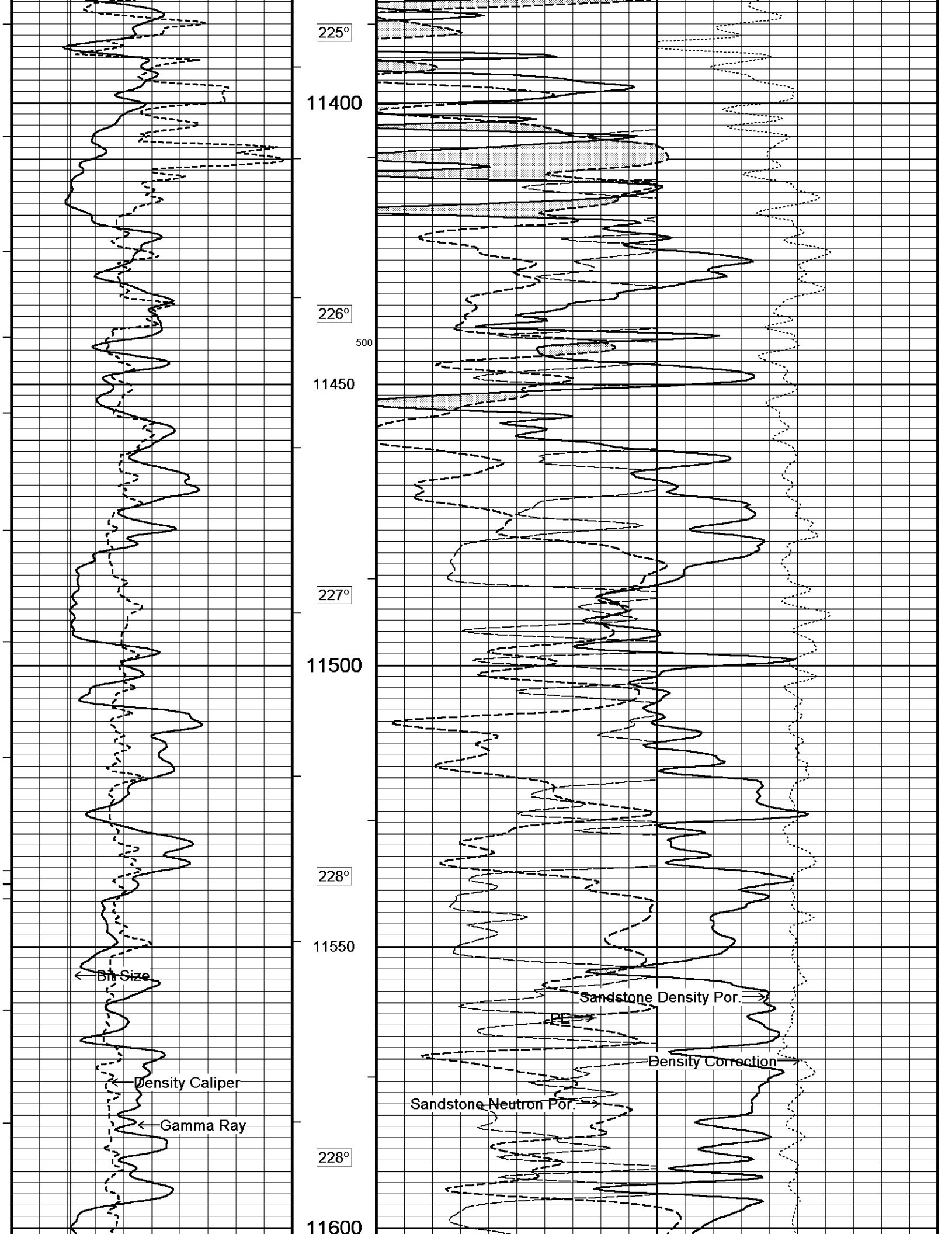
SERVICE ORDER: #3526128

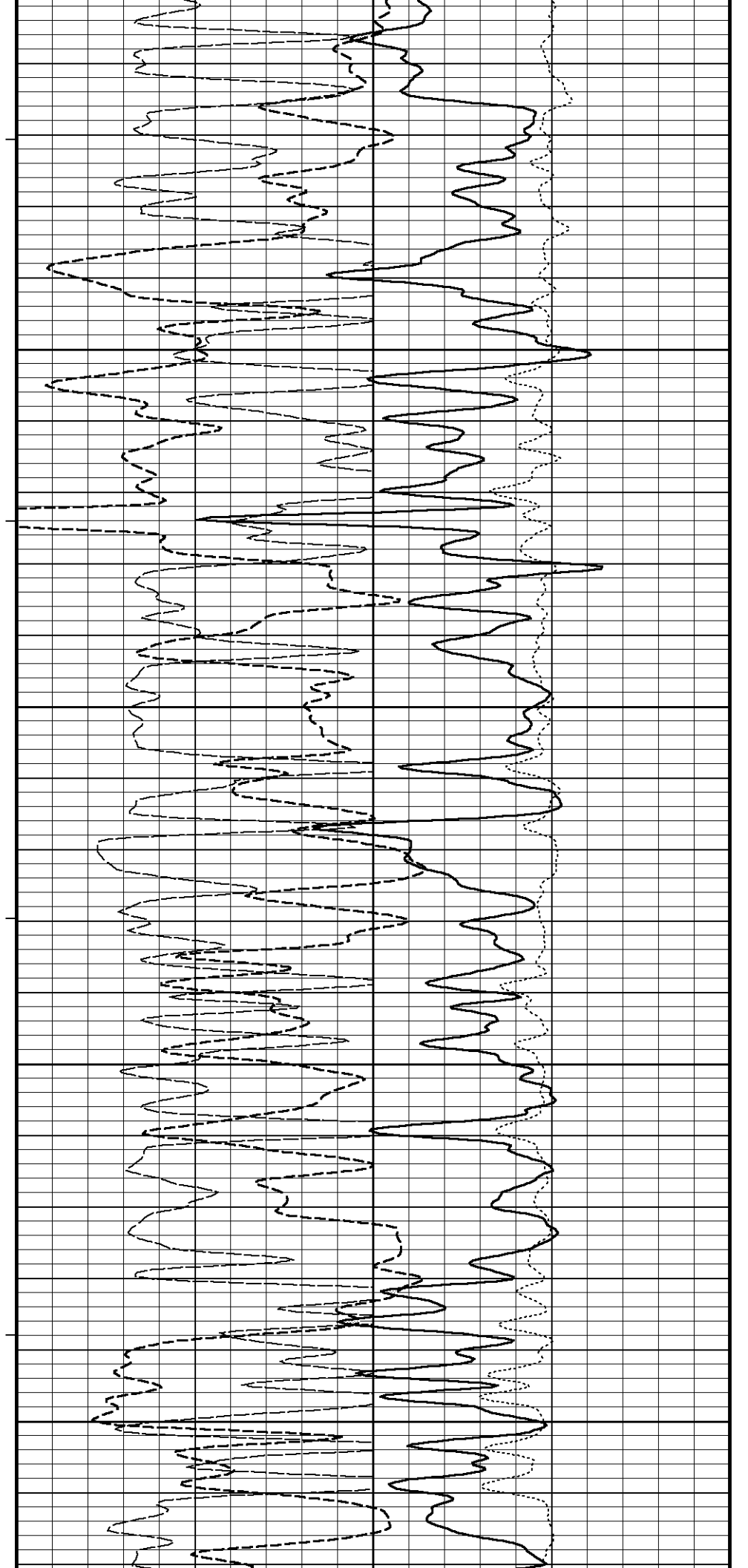
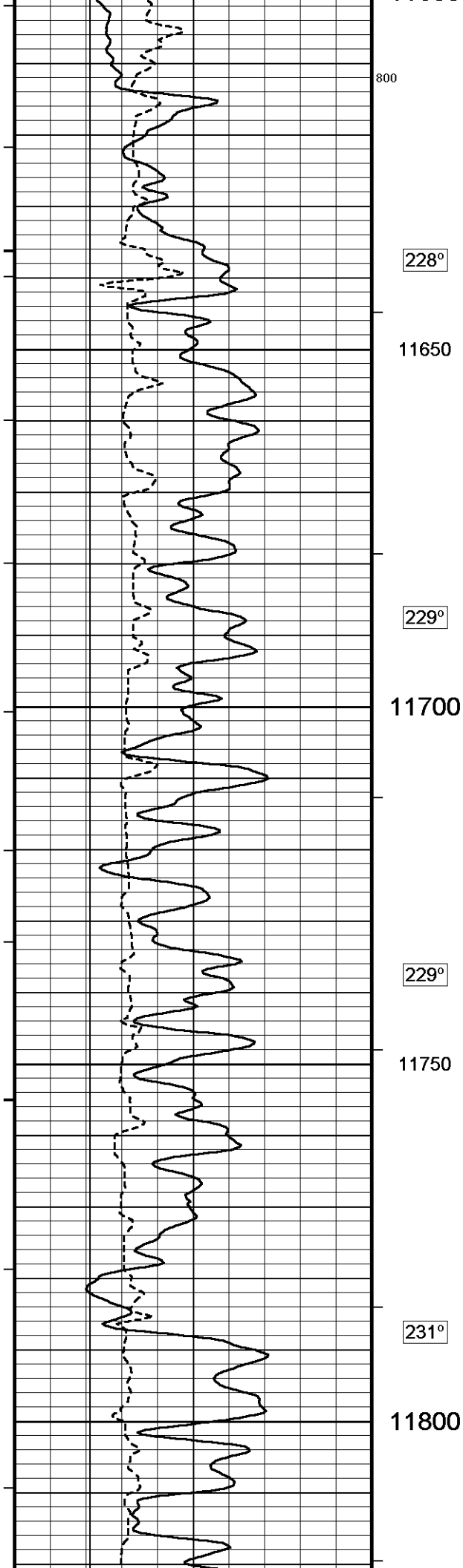
RIG: HP 215

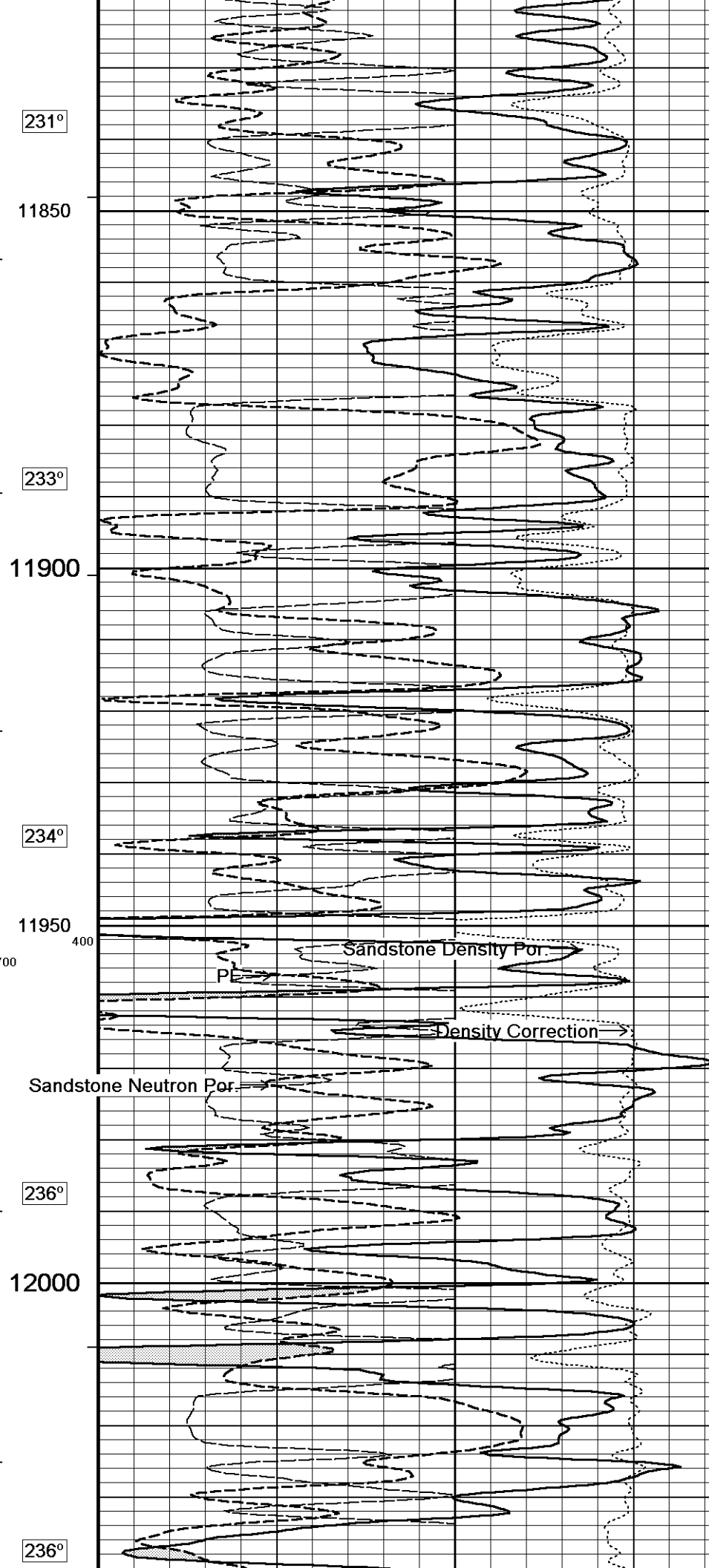
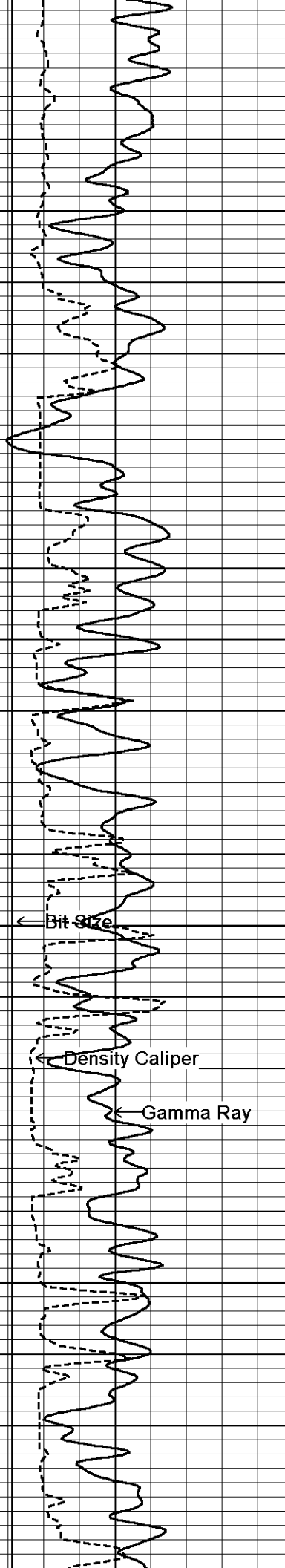
All interpretations are opinions based on inferences from electrical or other measurements and we cannot, and do not, guarantee the accuracy or correctness of any interpretations, and we shall not, except in the case of gross or wilful negligence on our part, be liable or responsible for any loss, costs, damages or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions in our price schedule.











231°

11850

233°

11900

234°

11950

700

236°

12000

236°

Bit Size

Density Caliper

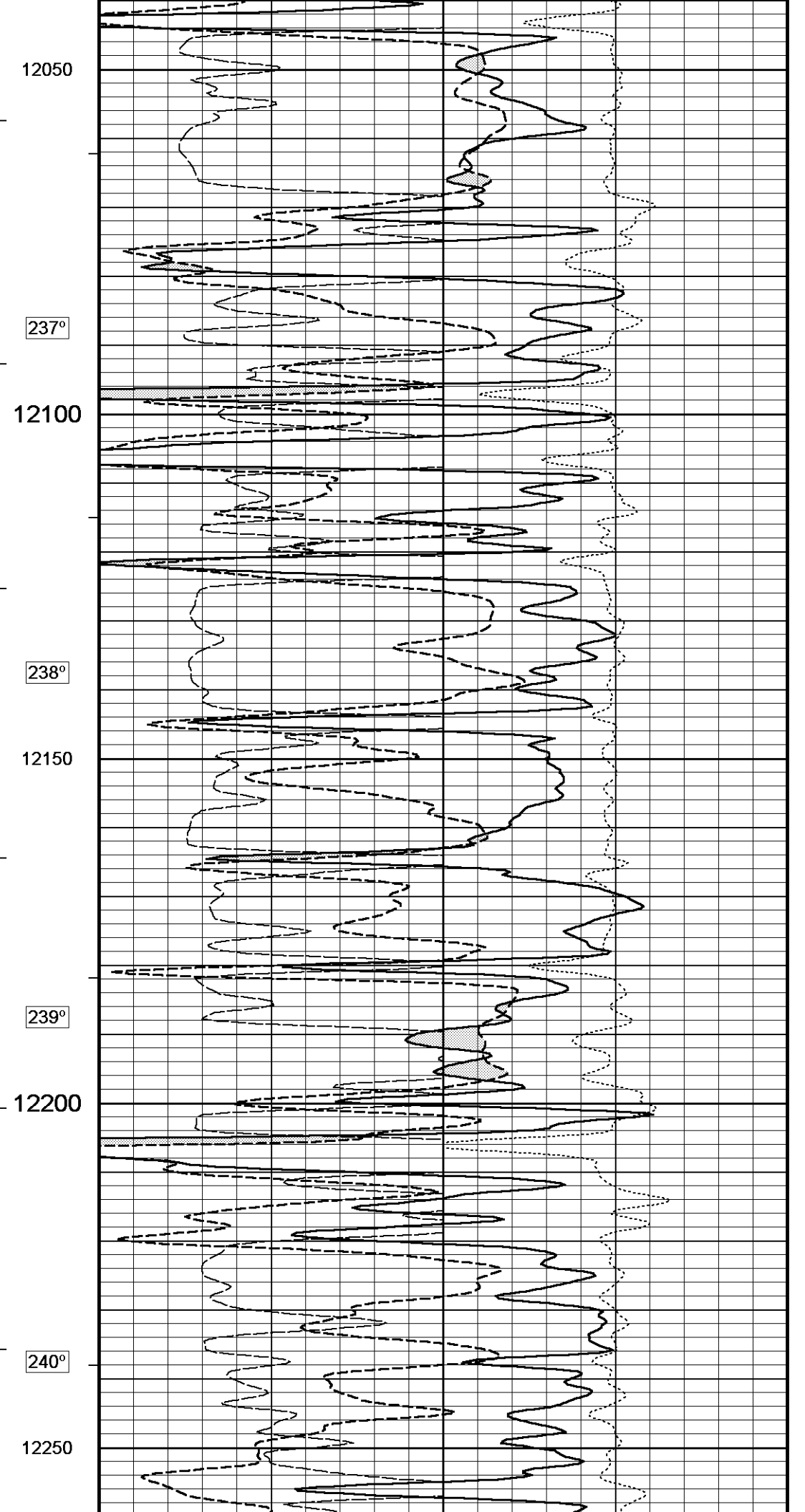
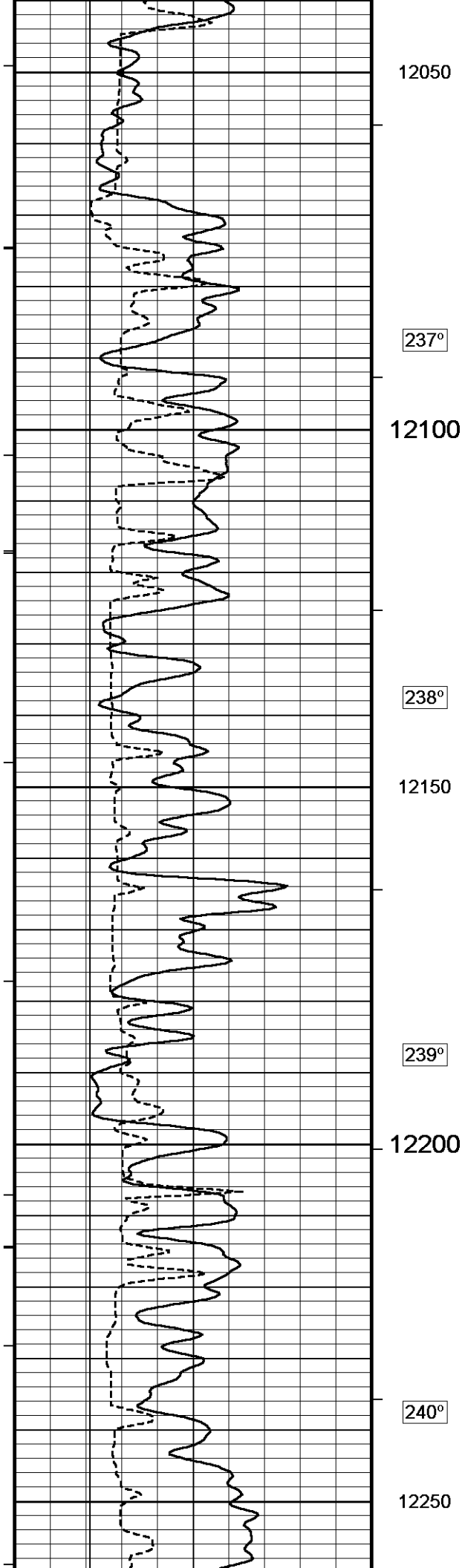
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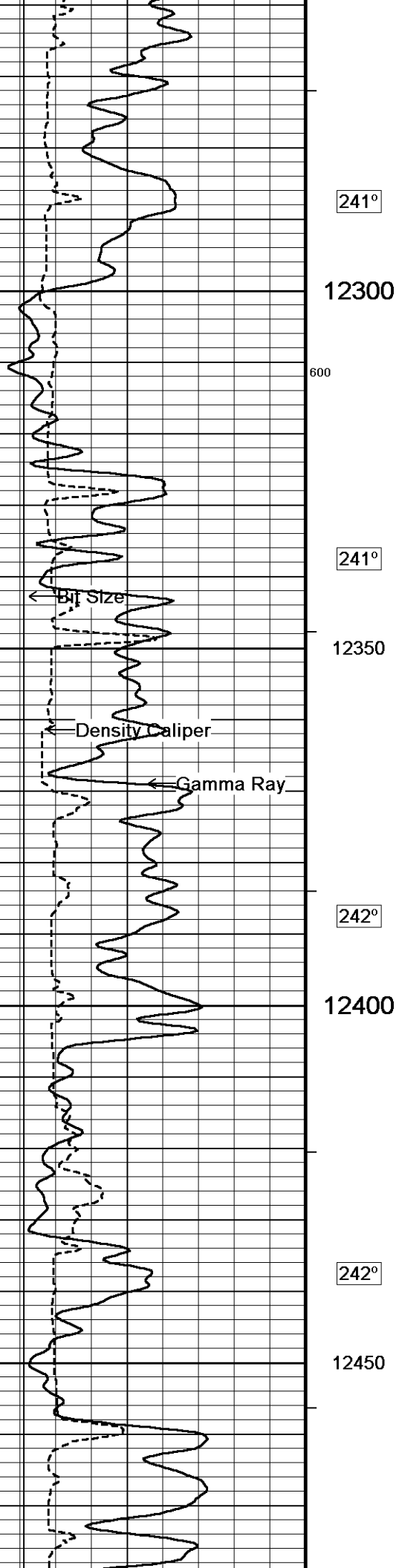
PE

Sandstone Density Por

Density Correction

Sandstone Neutron Por





241°

12300

600

241°

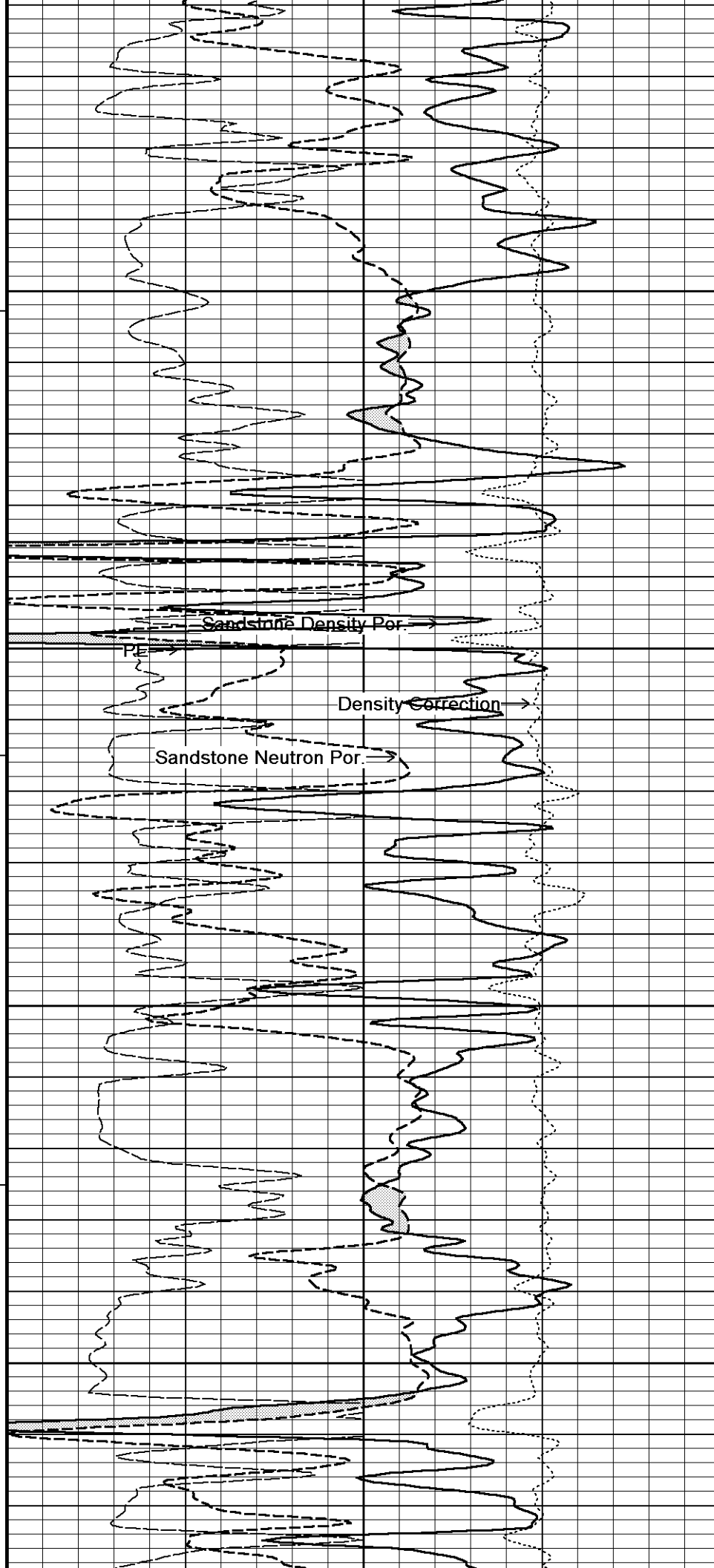
12350

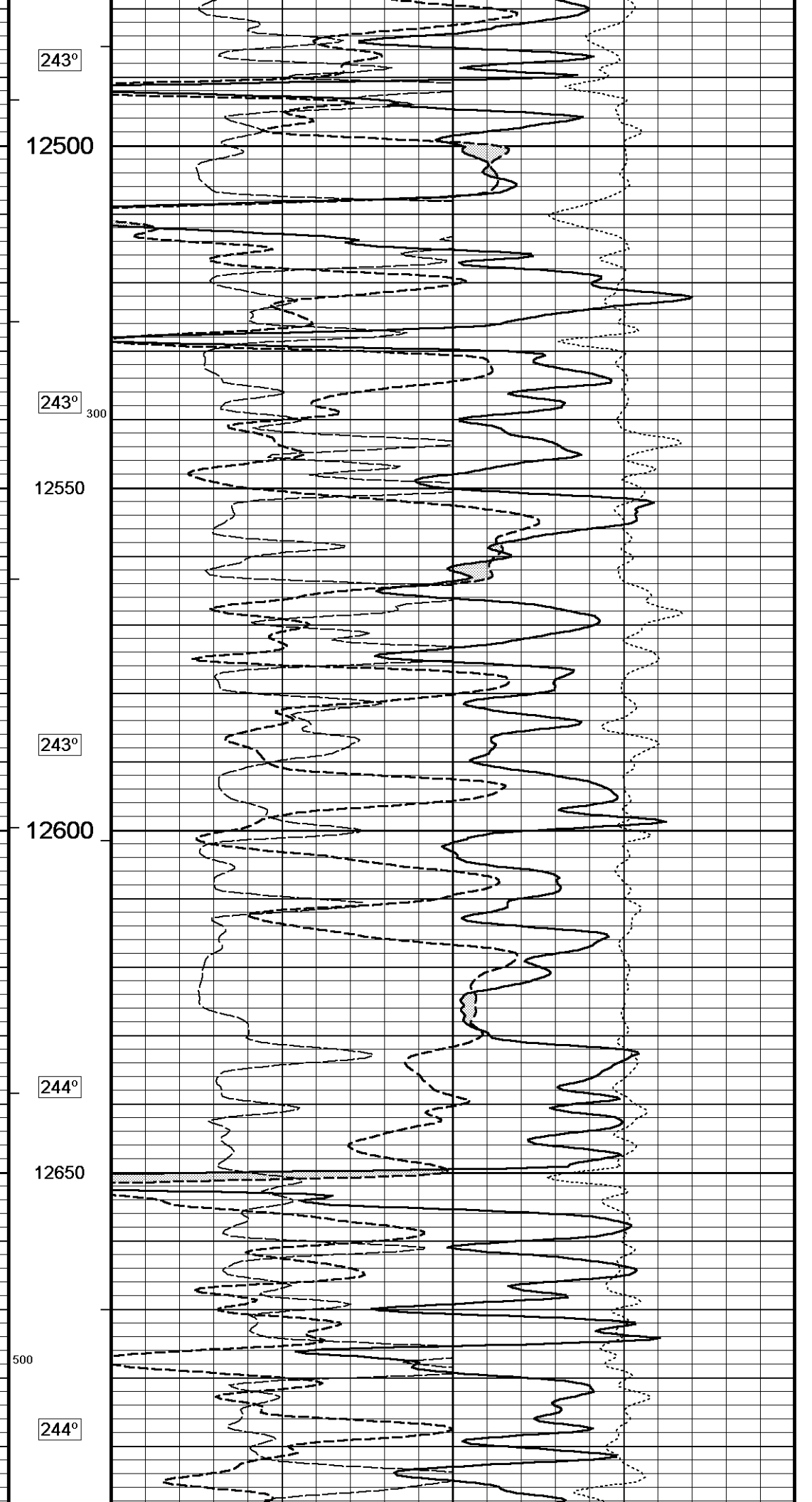
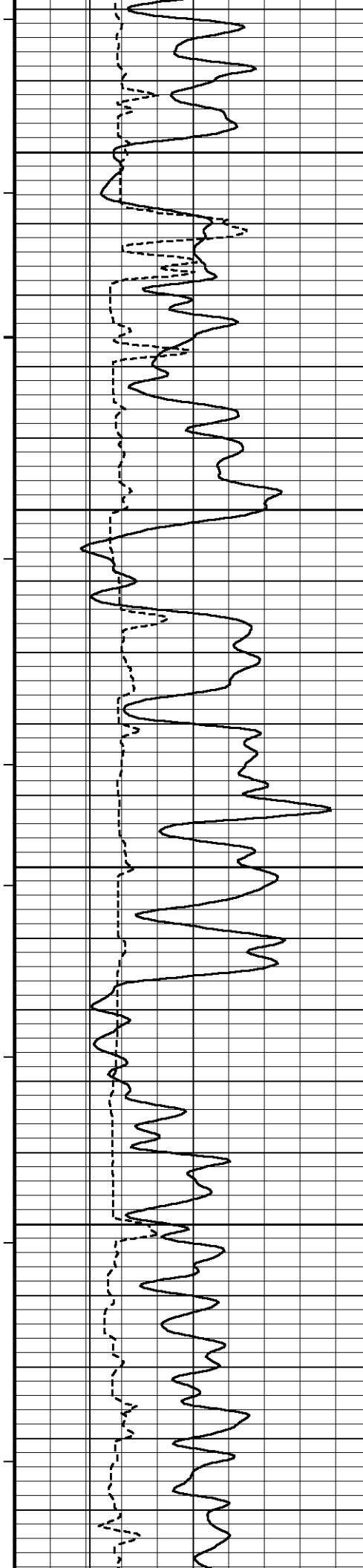
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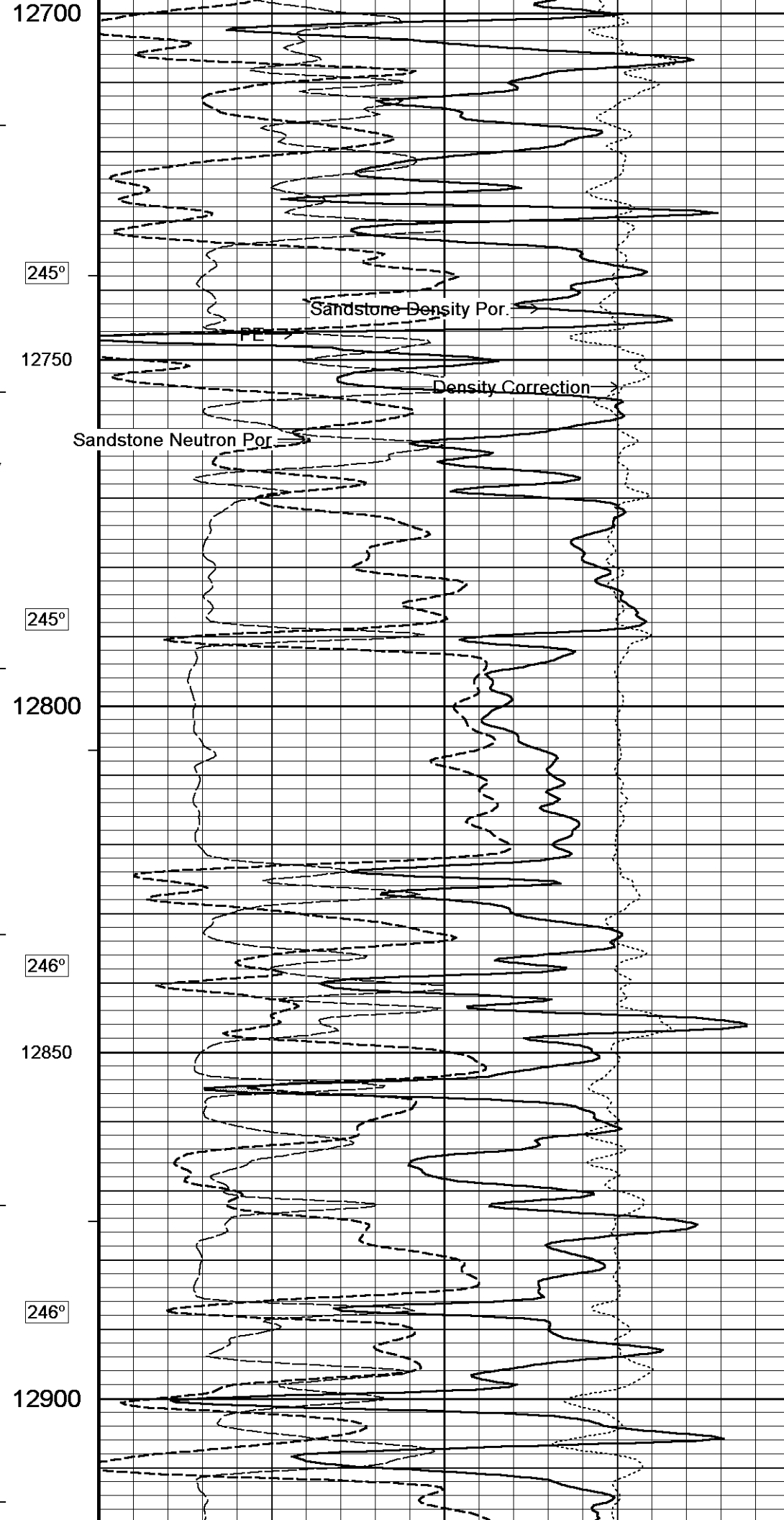
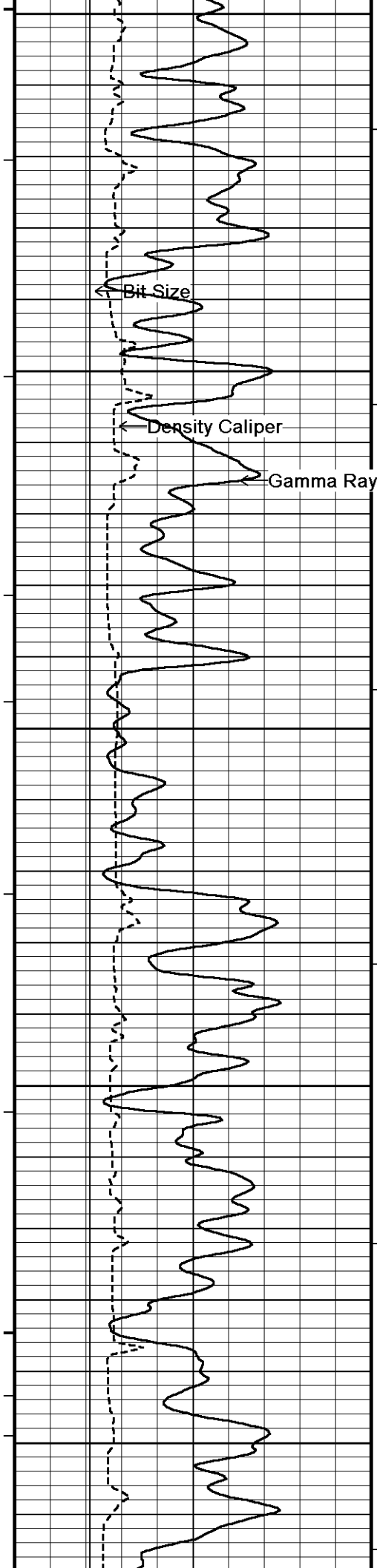
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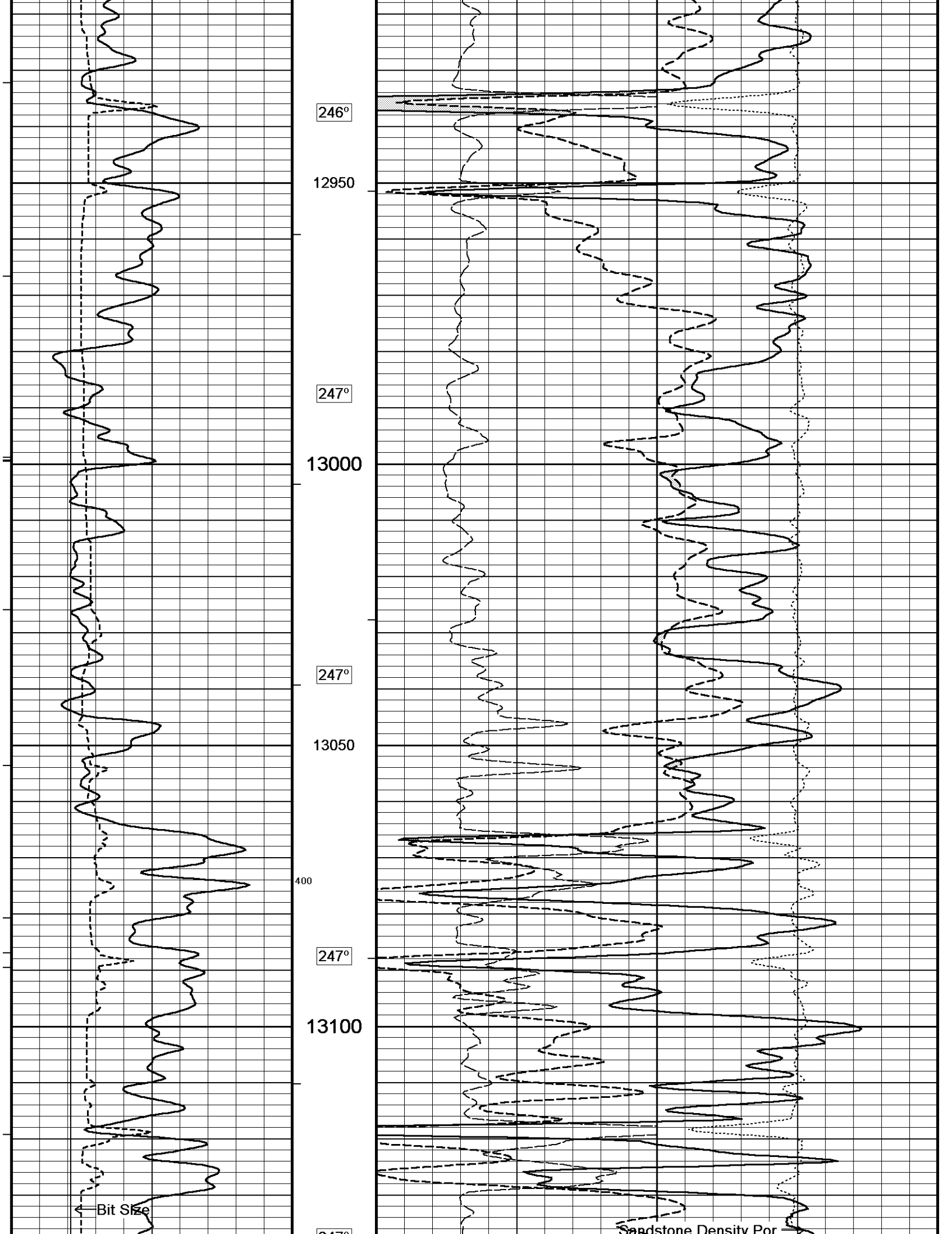
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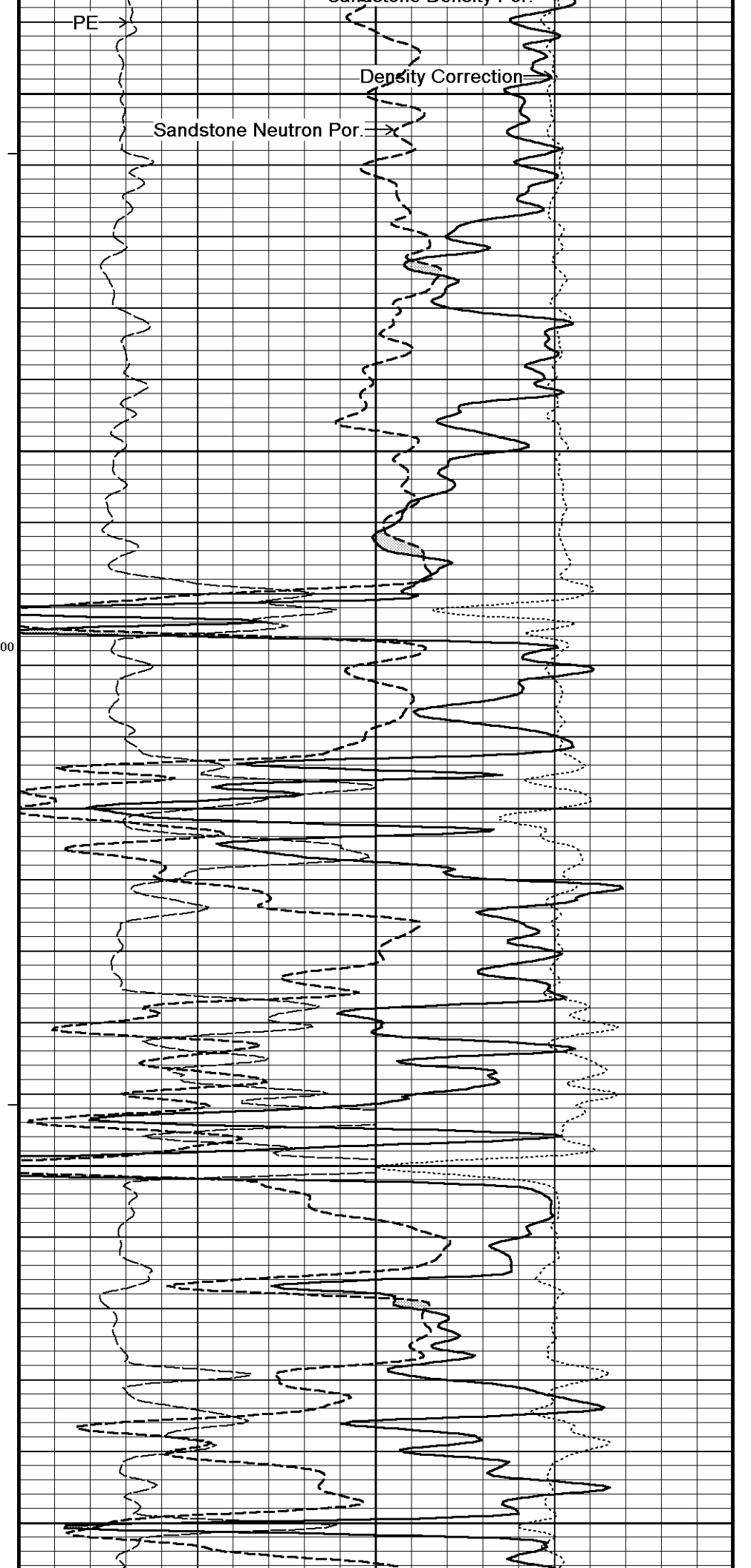
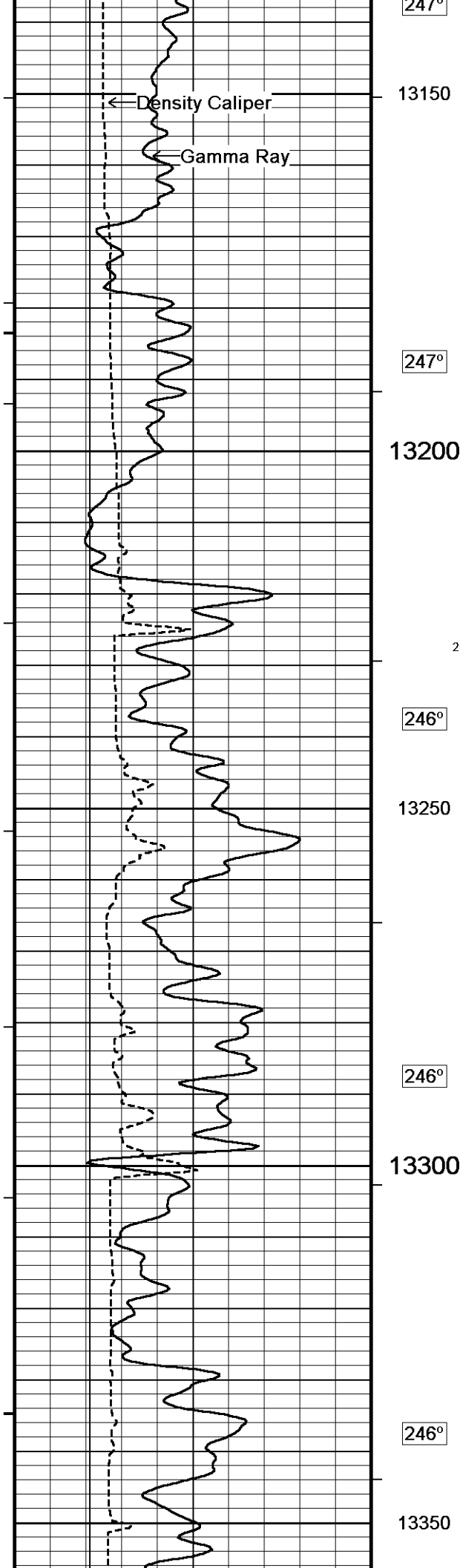
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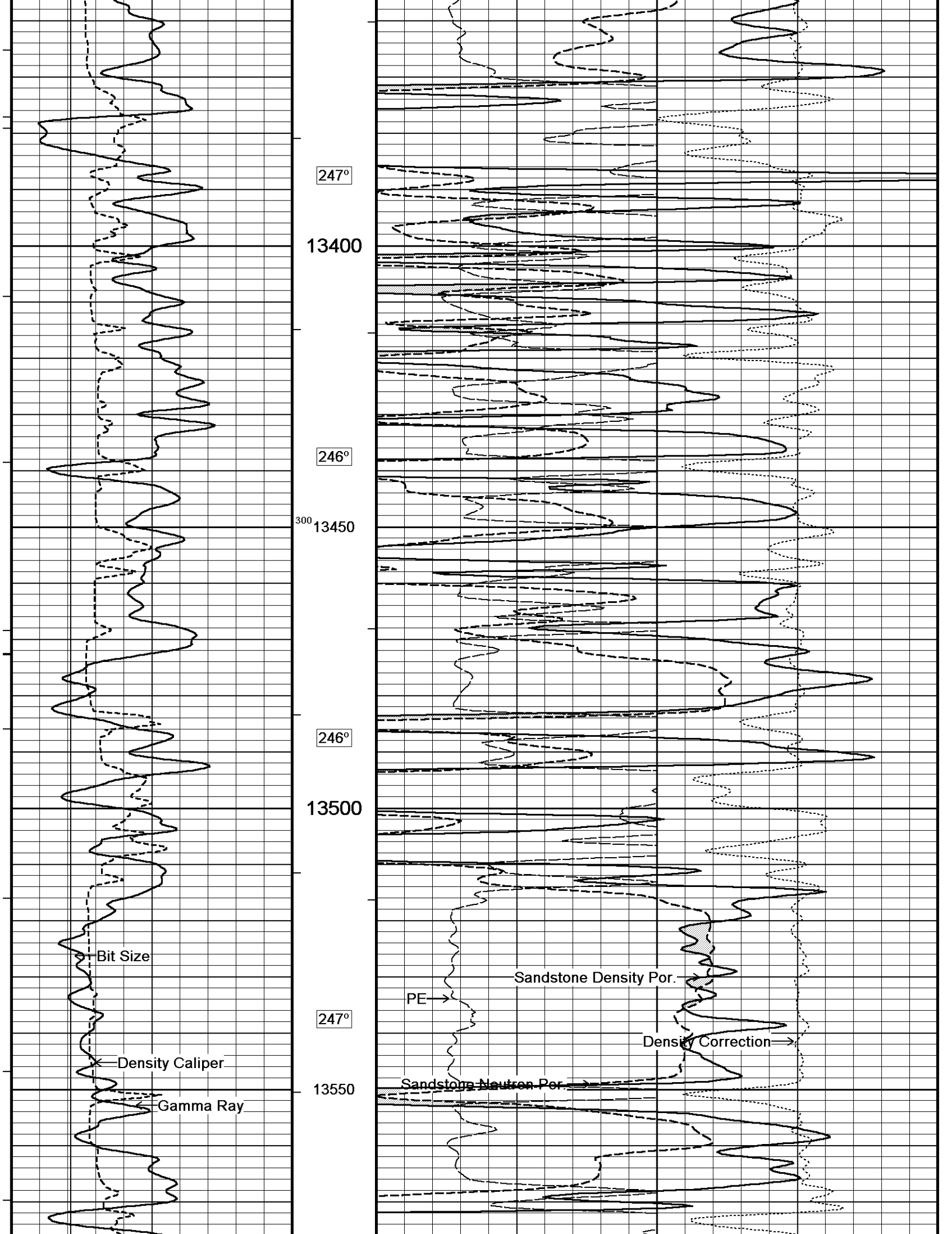


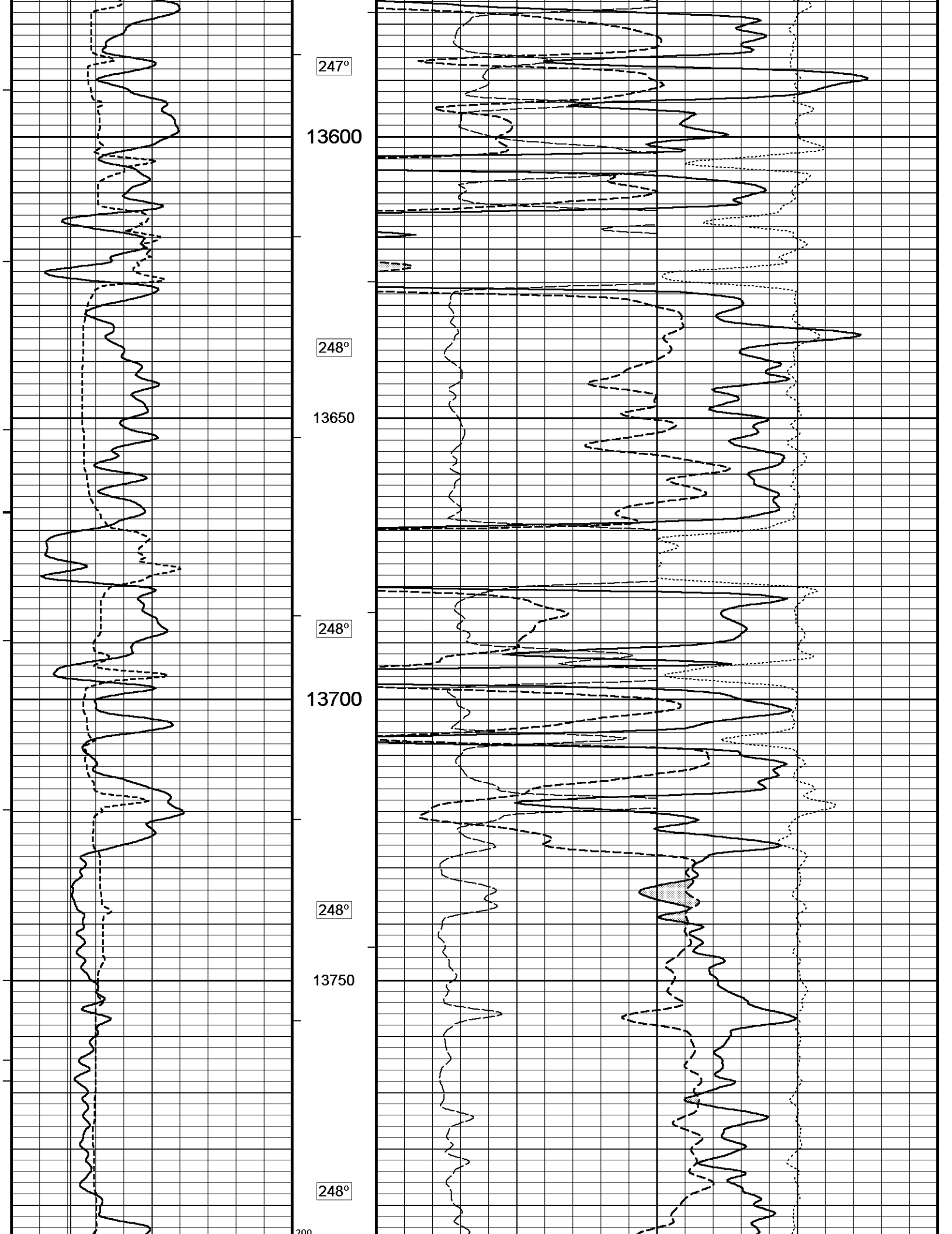


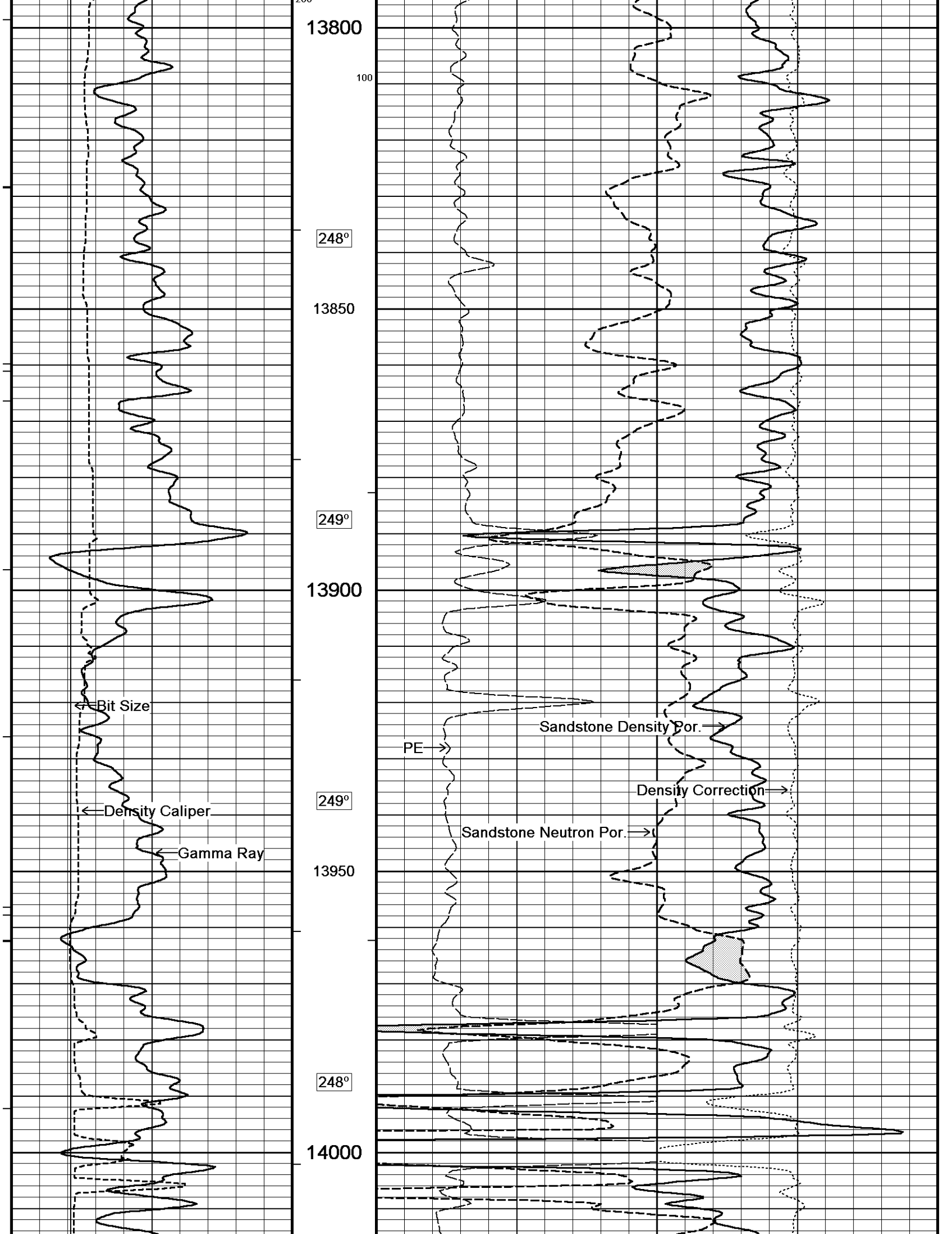


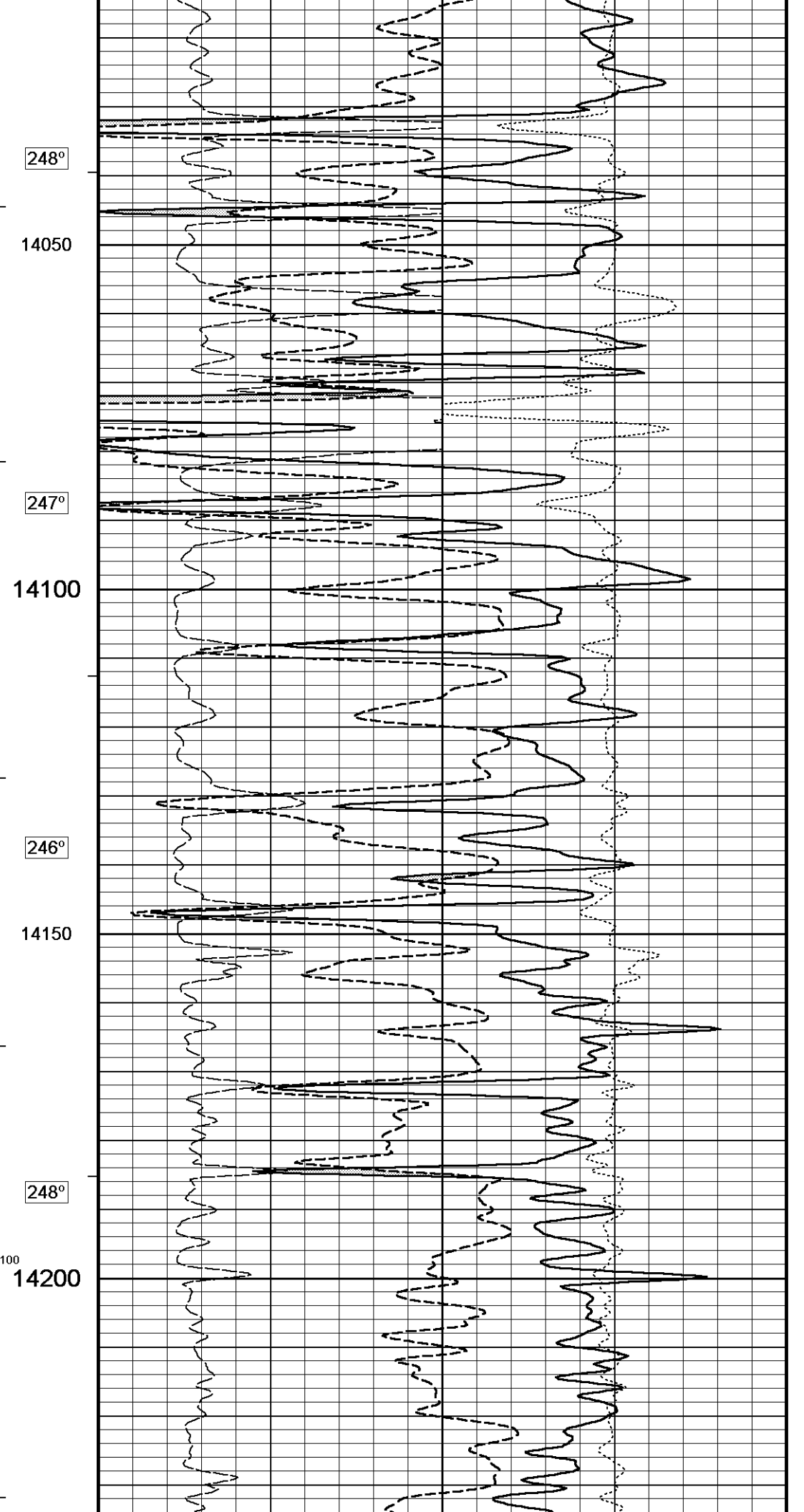
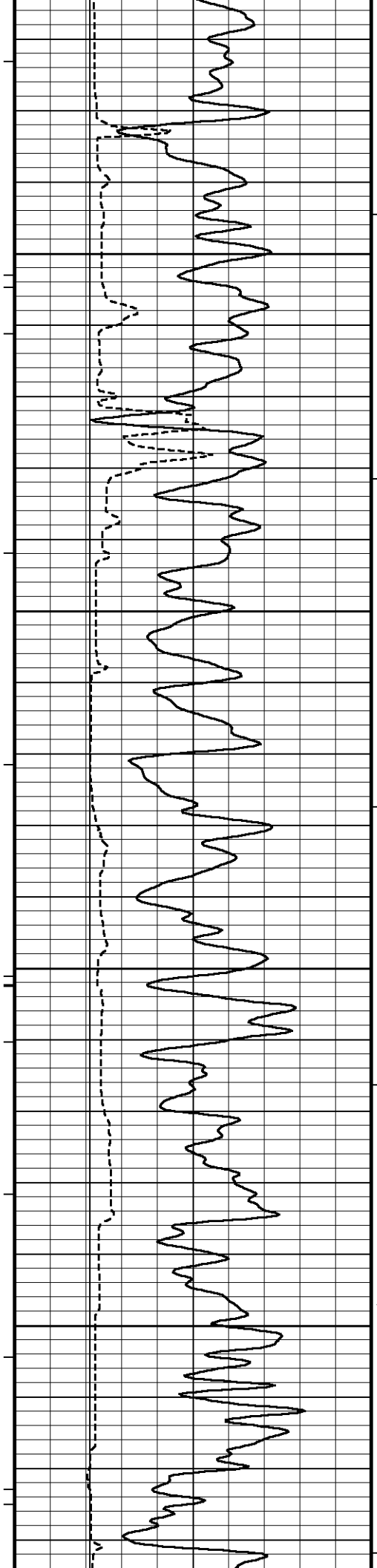


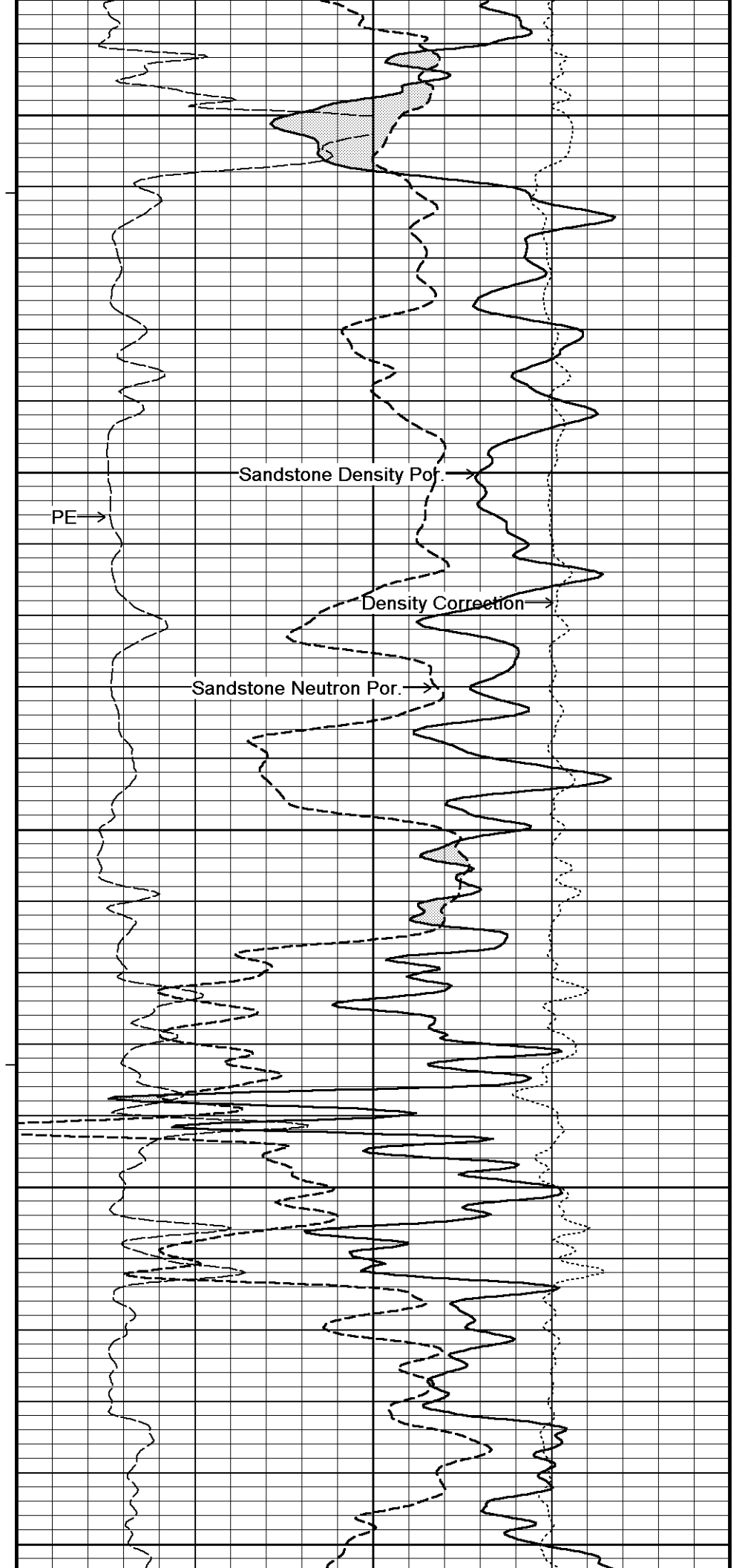
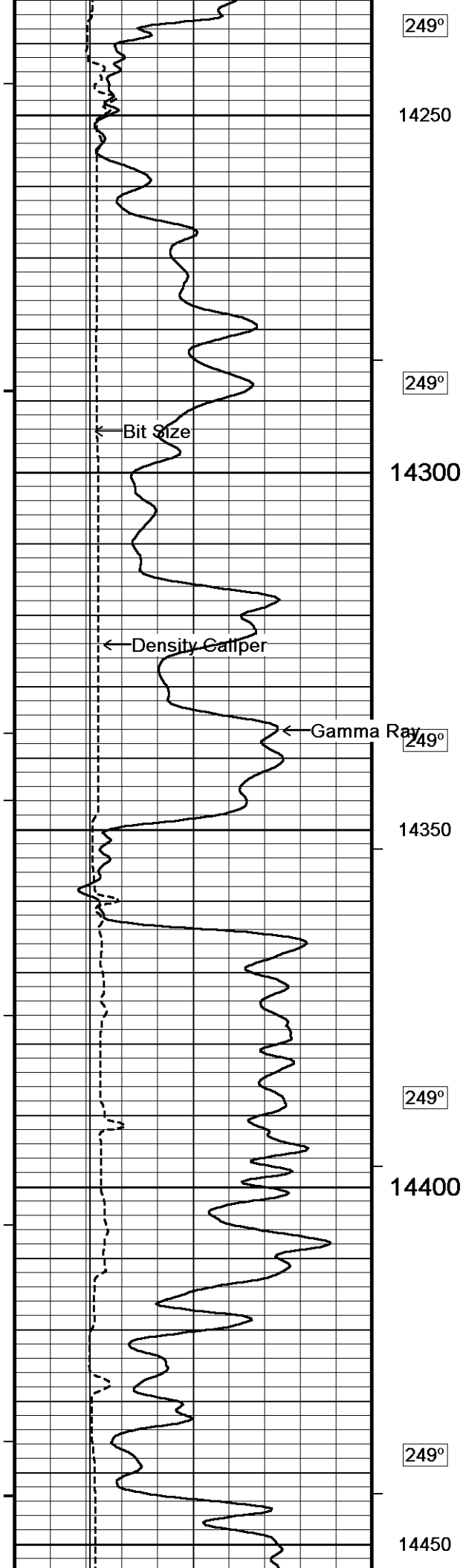


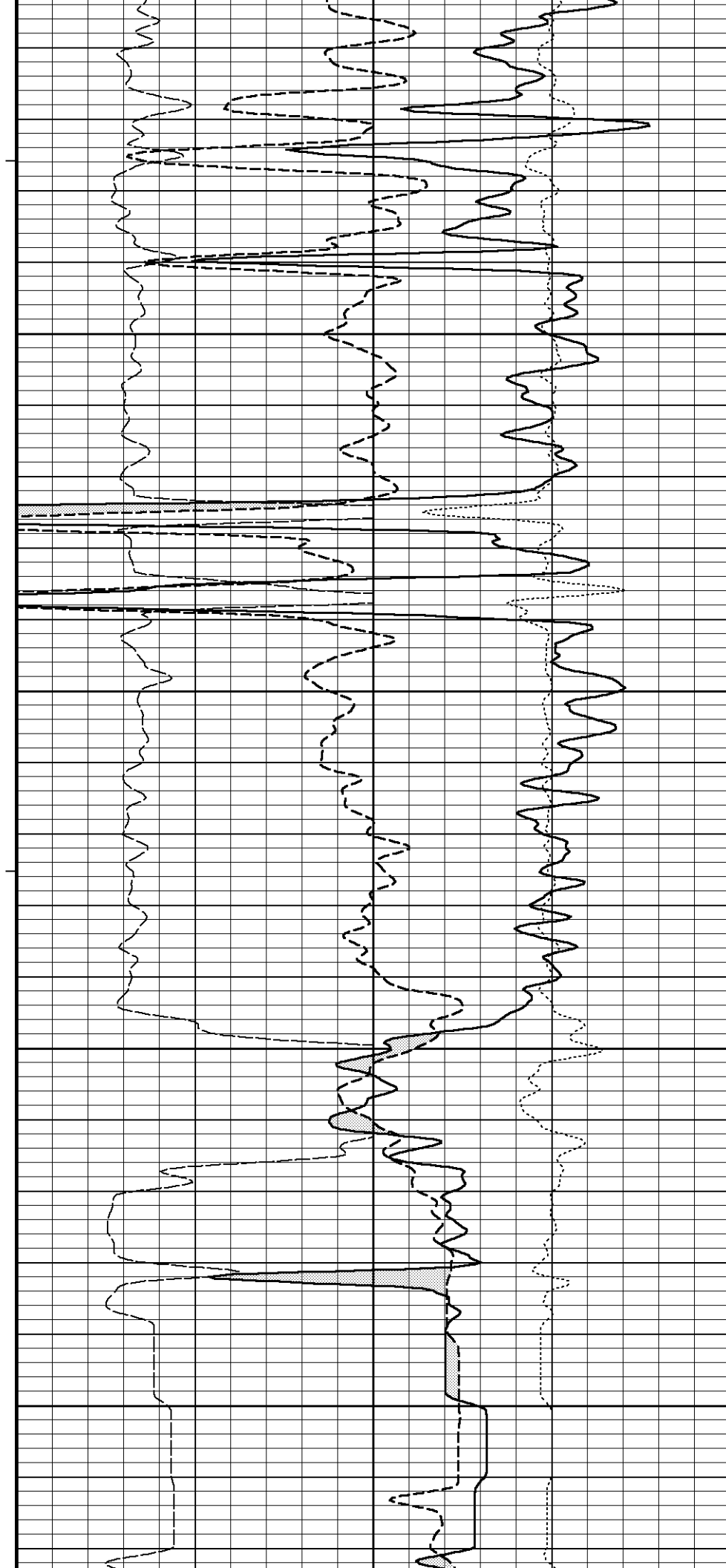
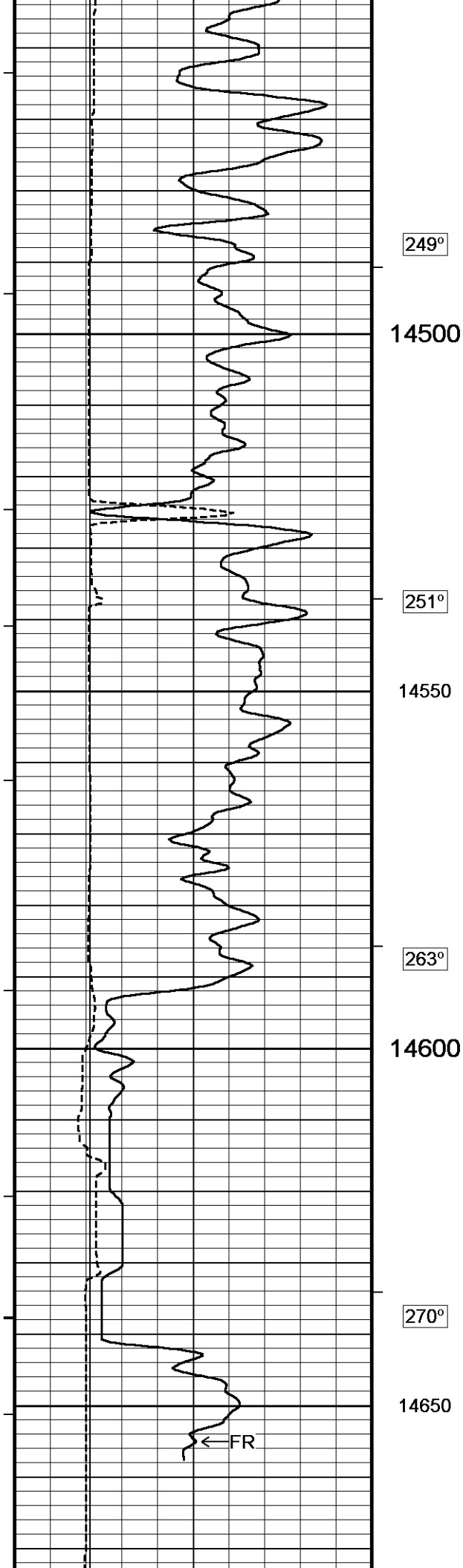


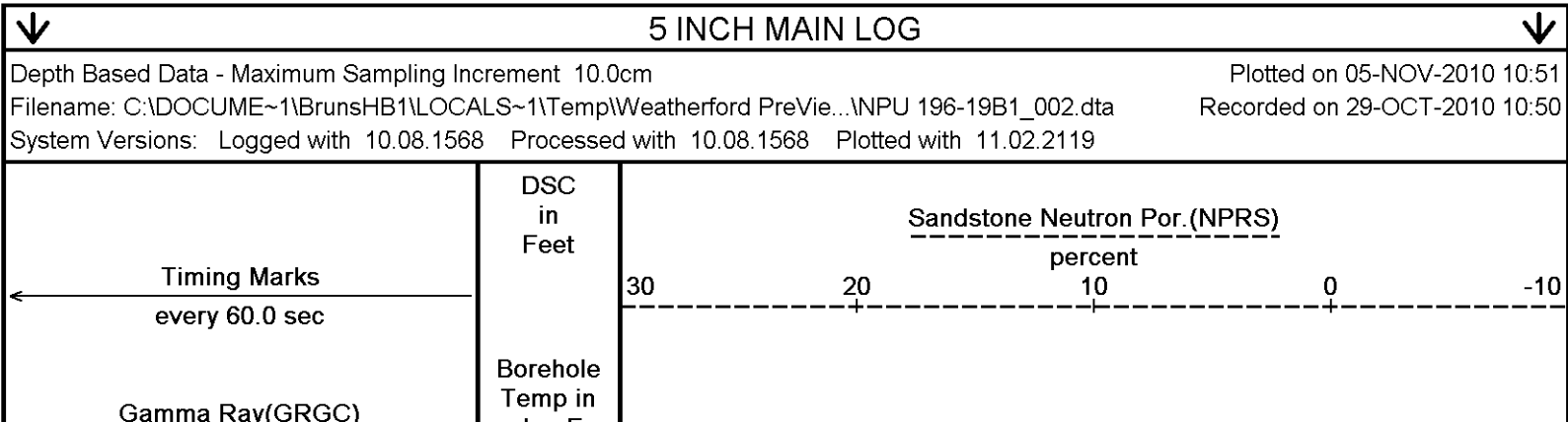
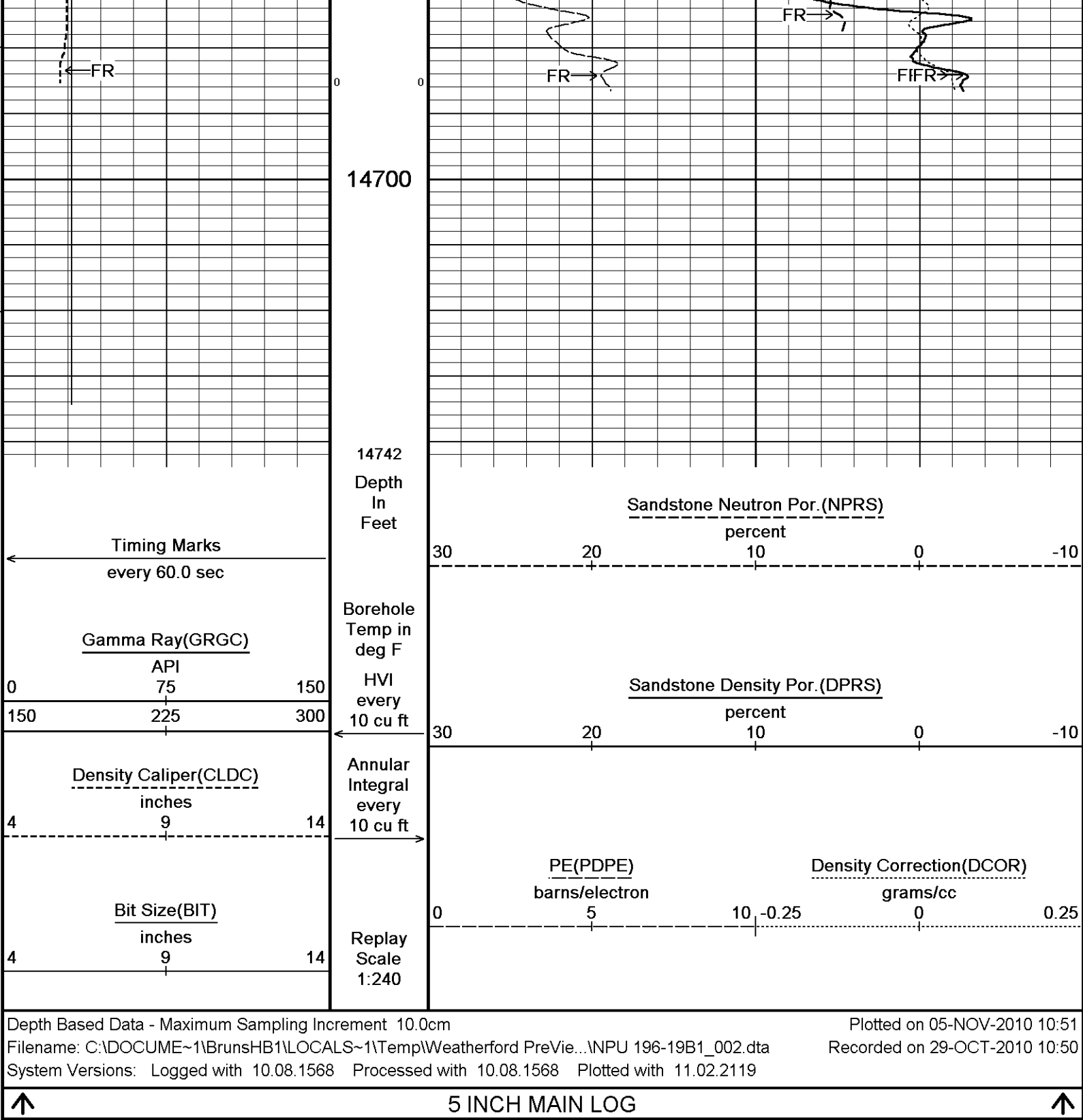


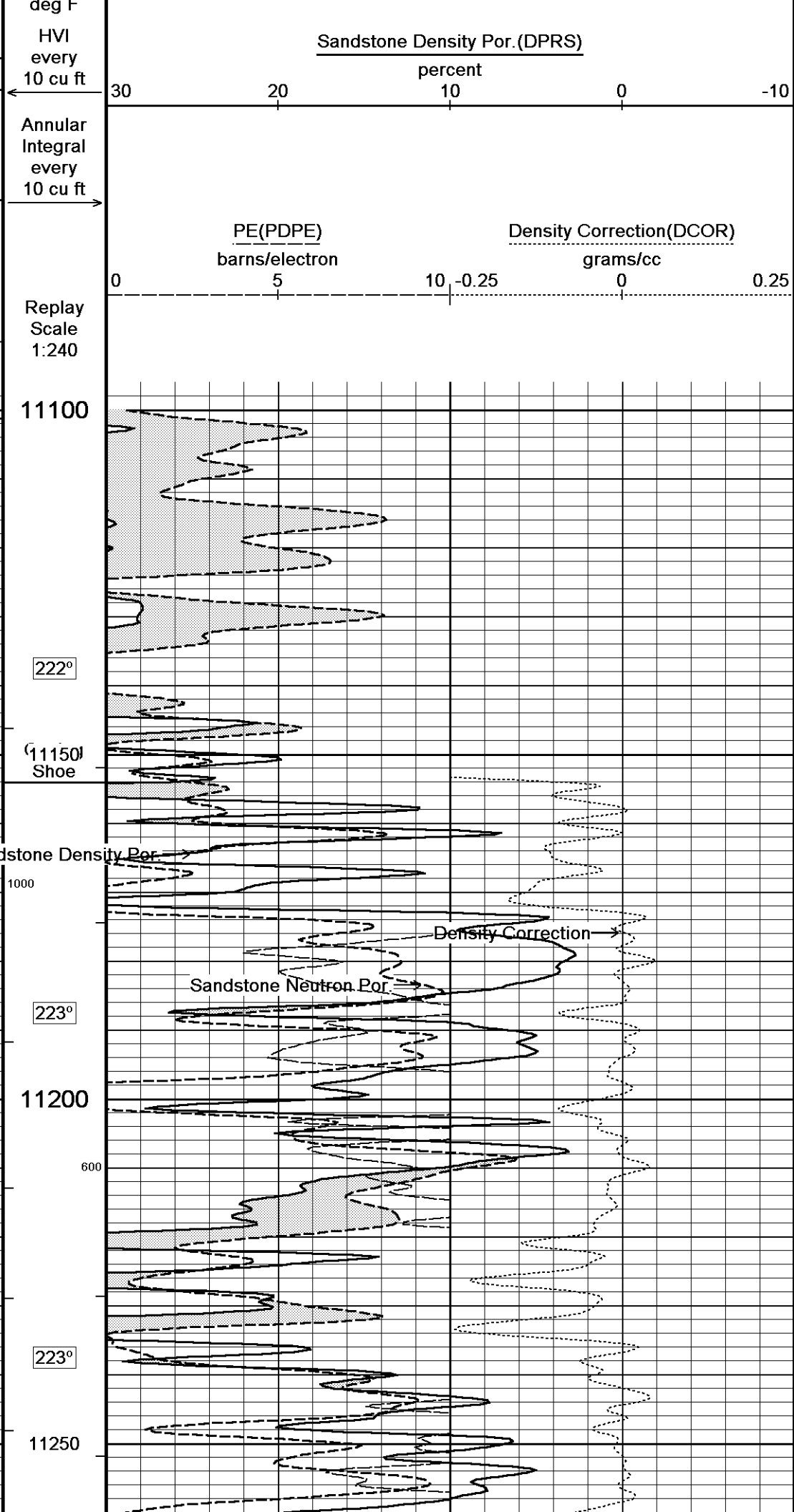
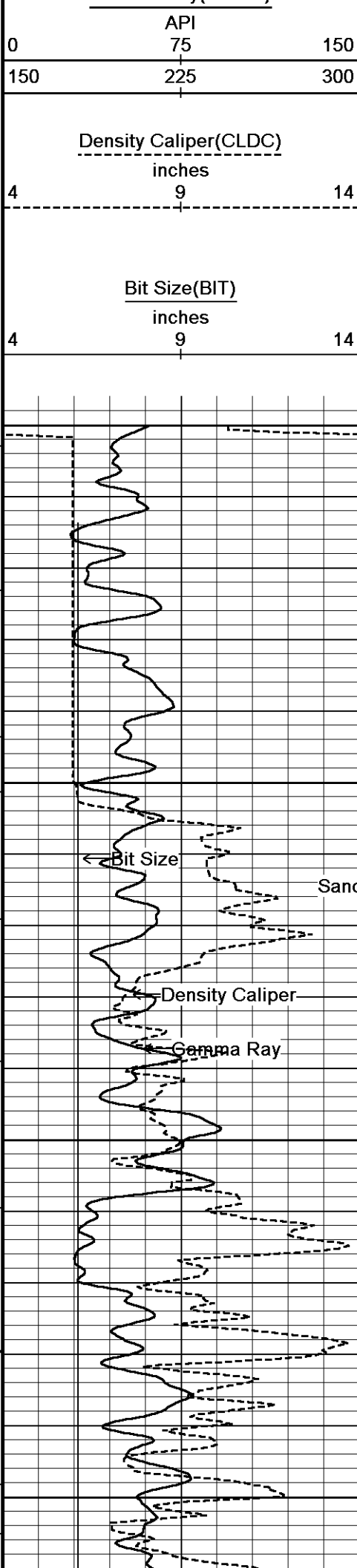


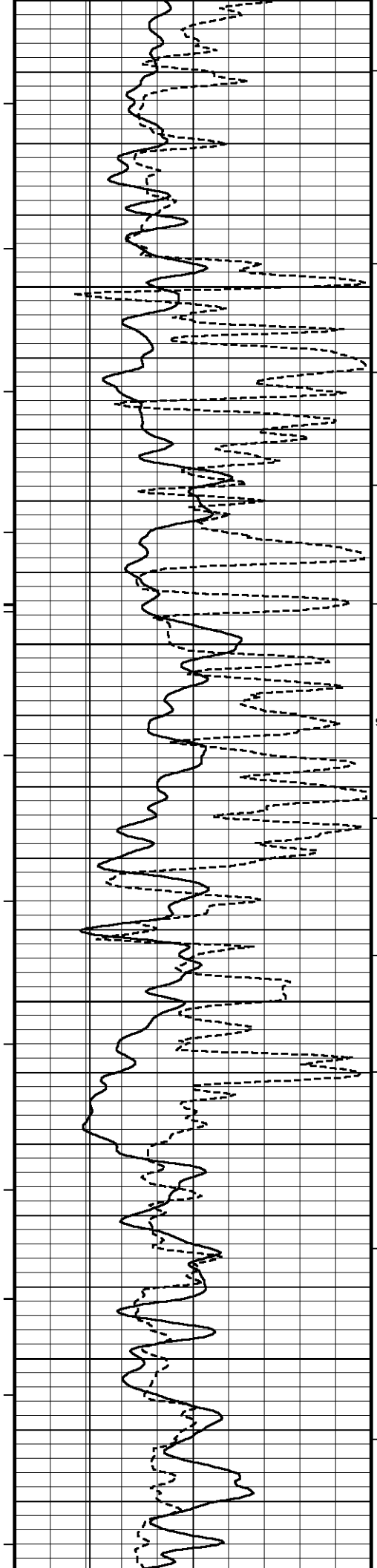












223°

11300

225°

11350

900

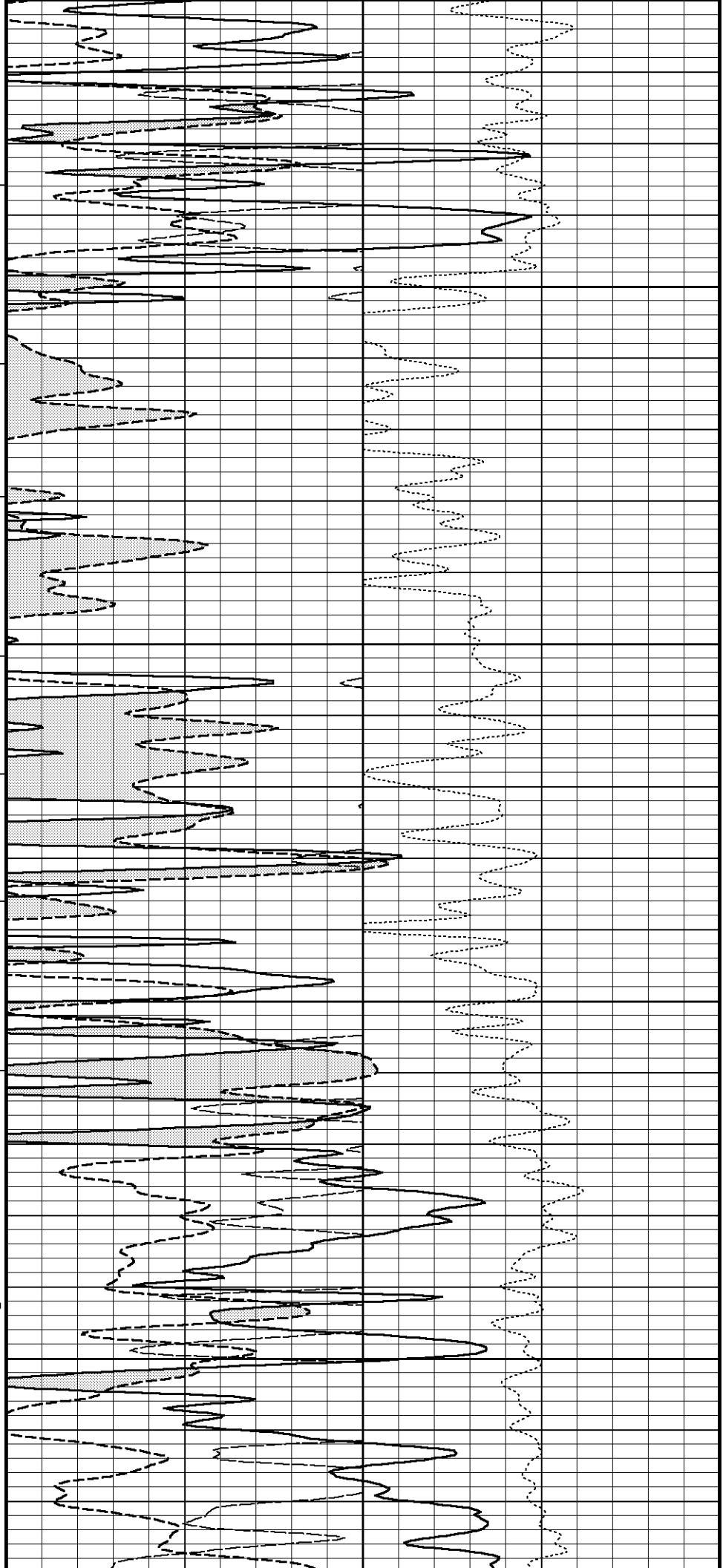
225°

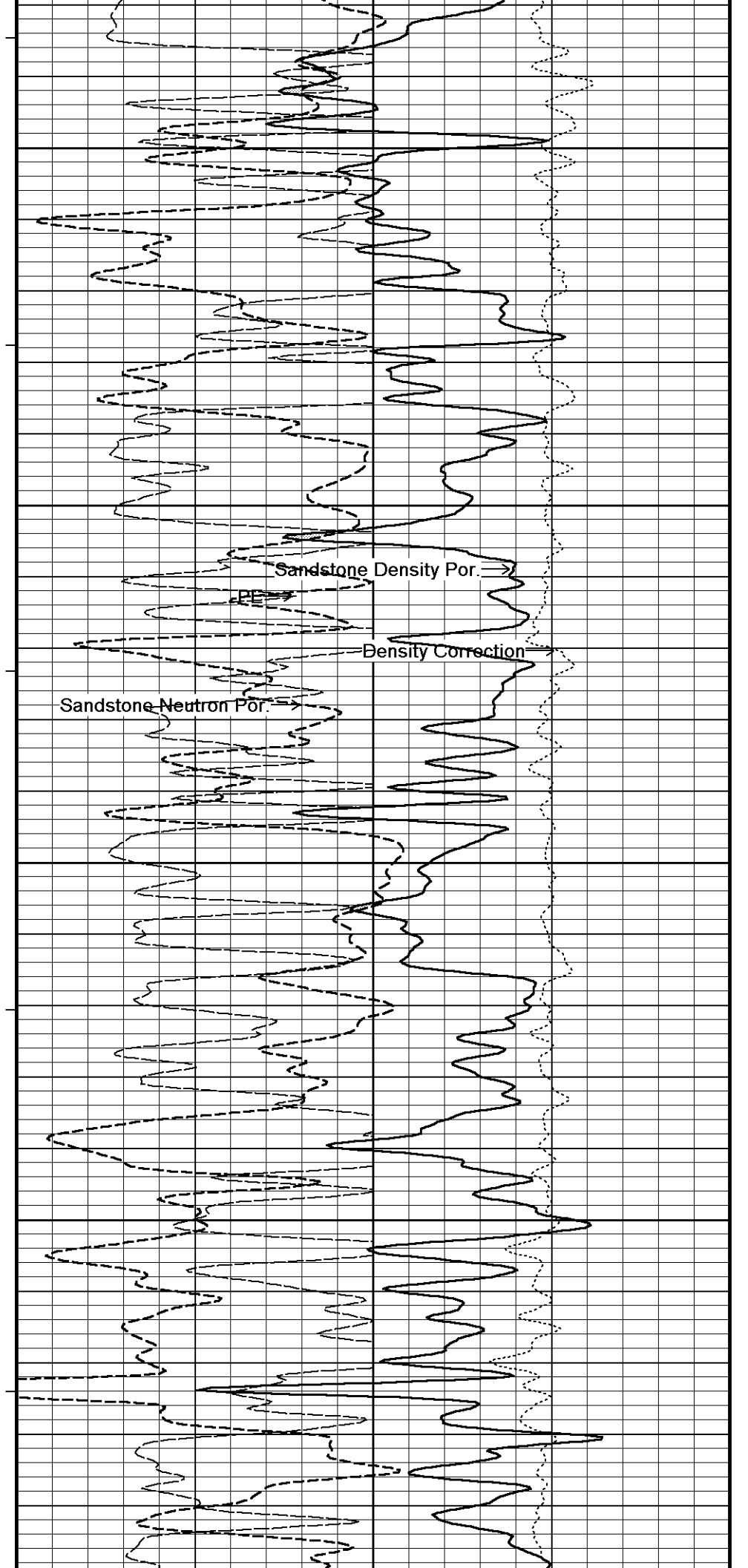
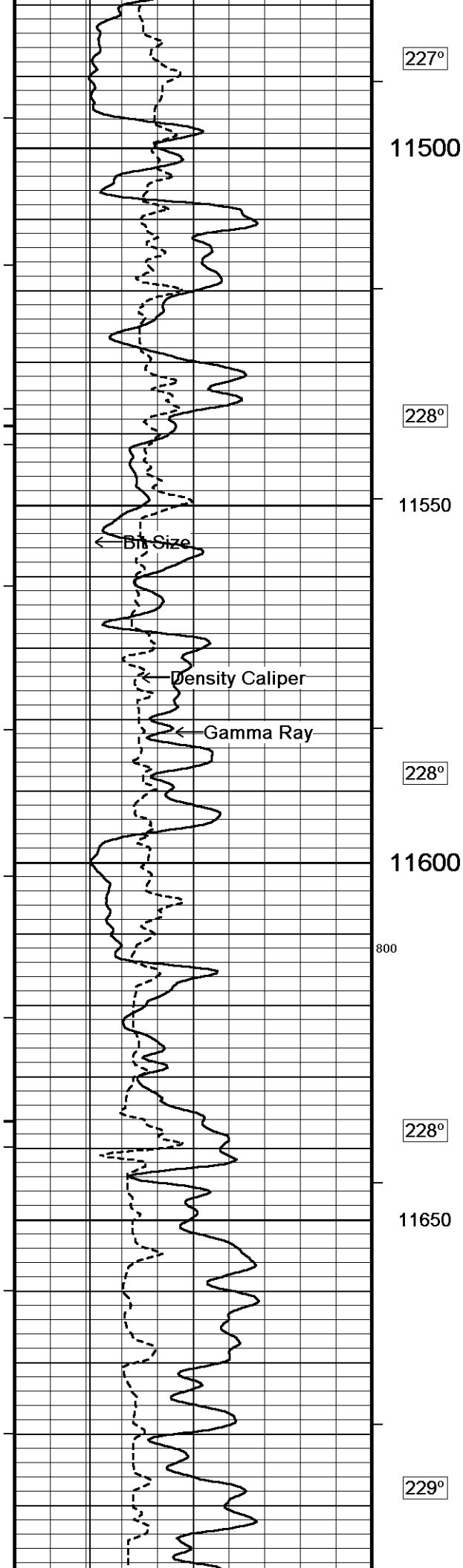
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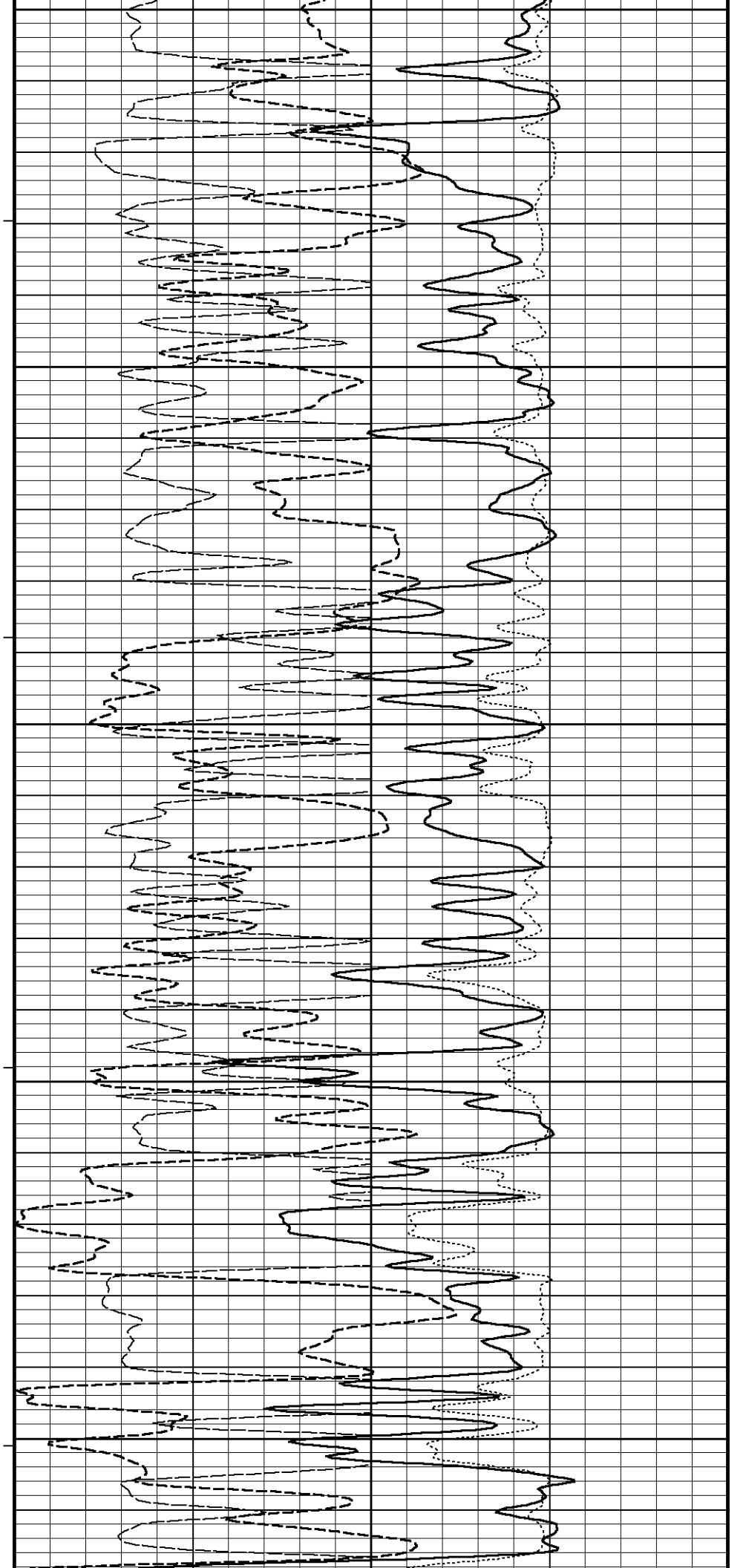
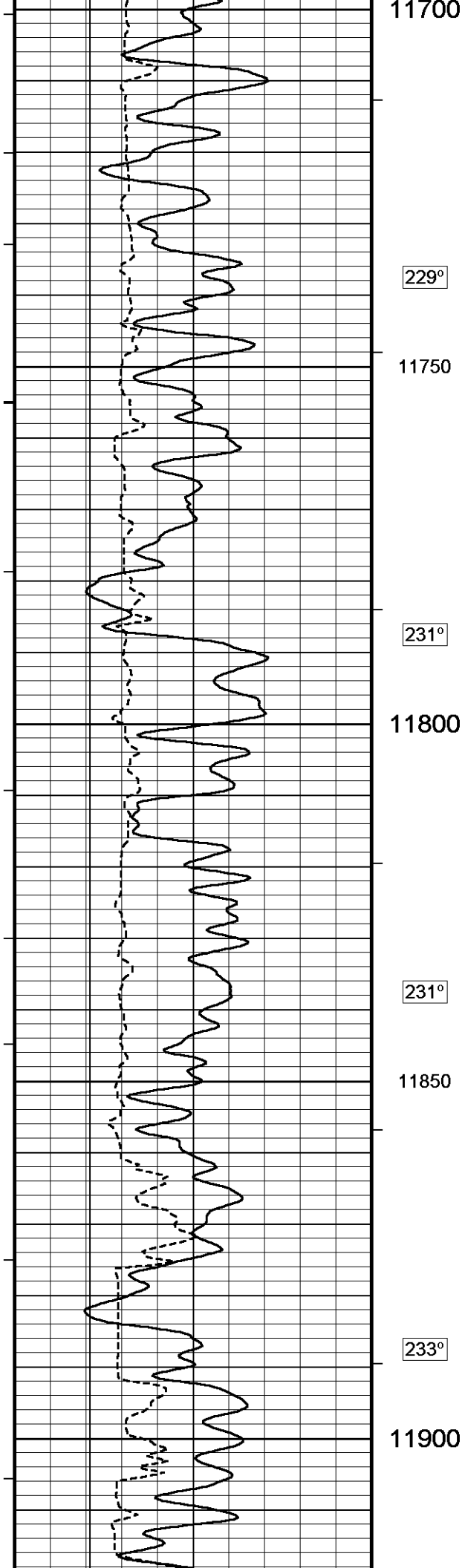
226°

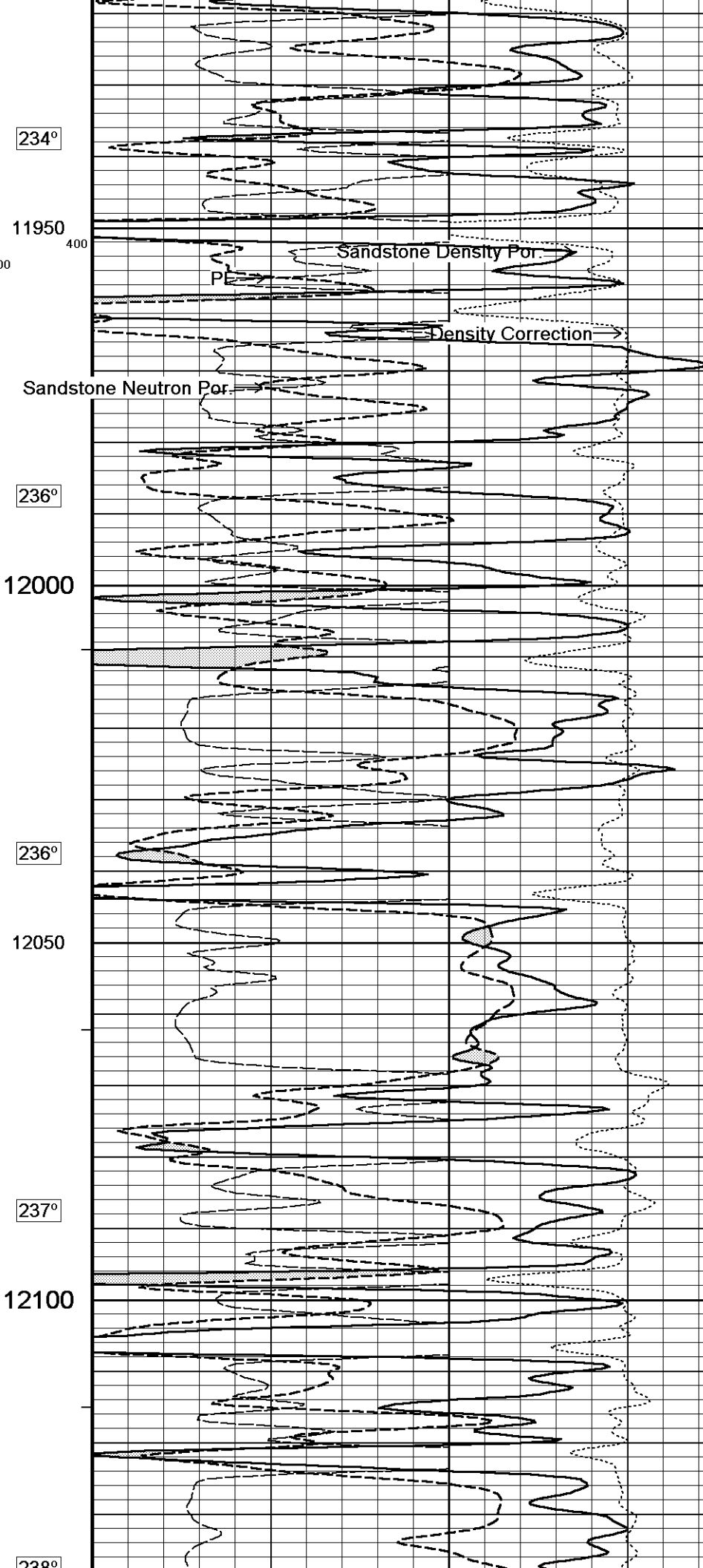
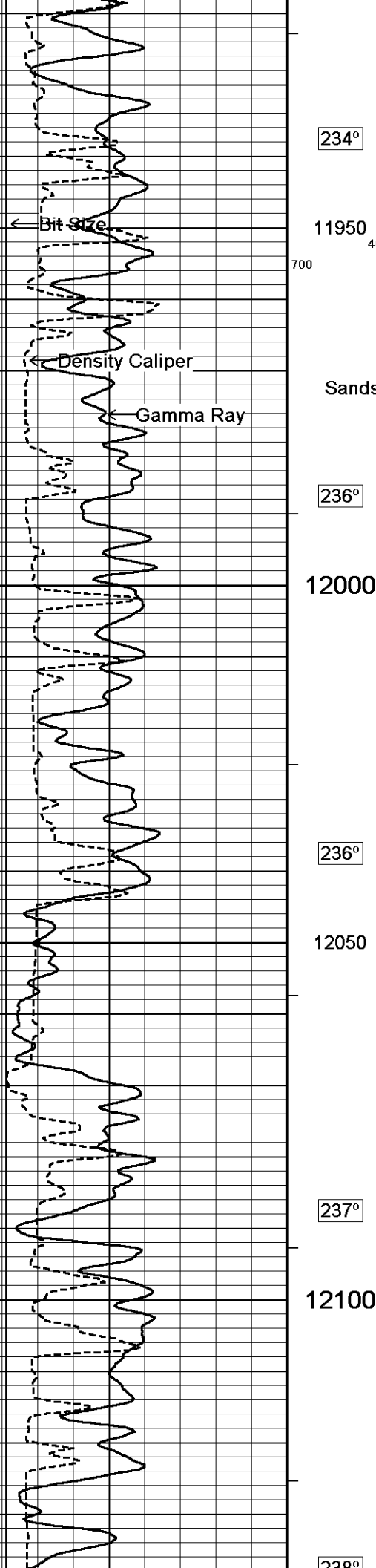
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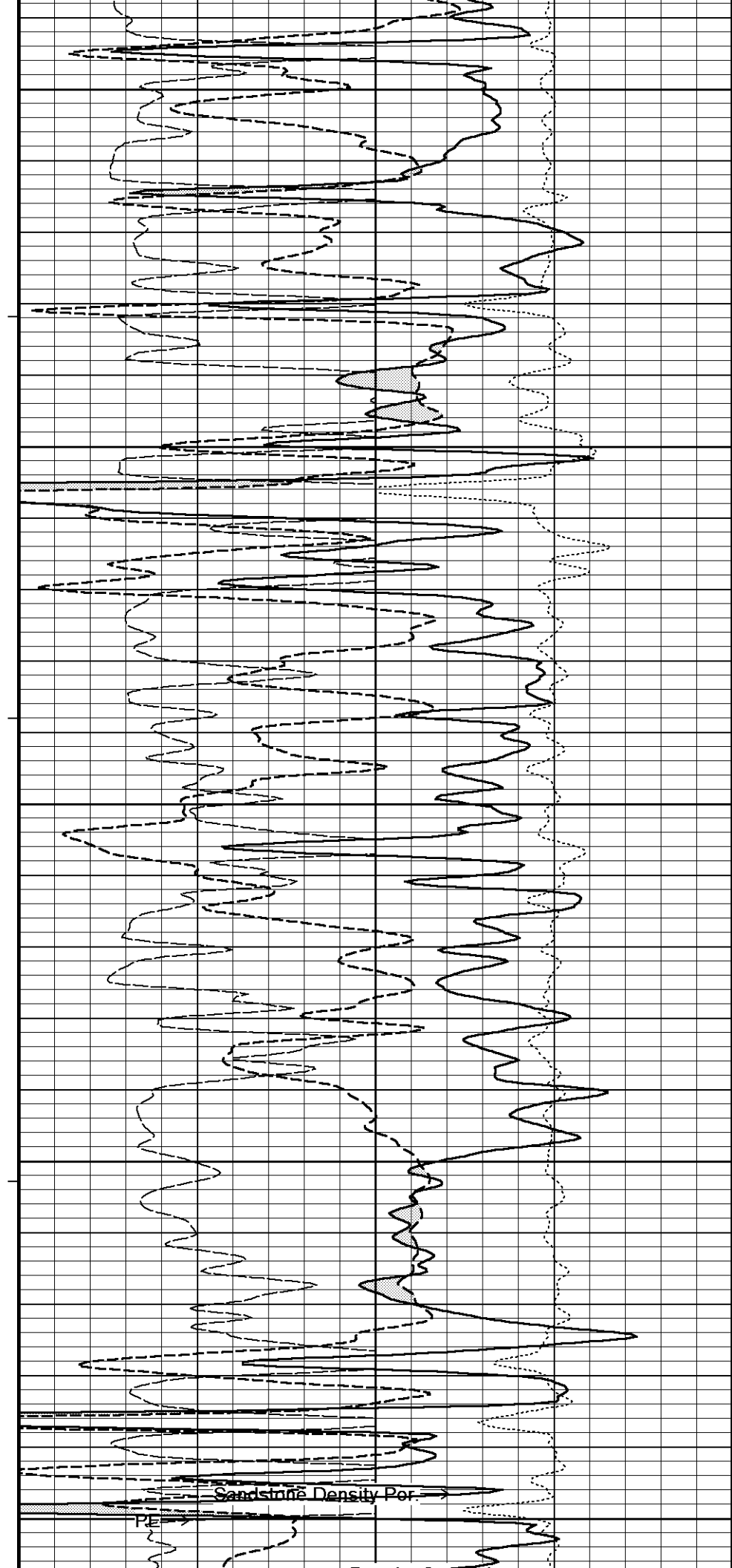
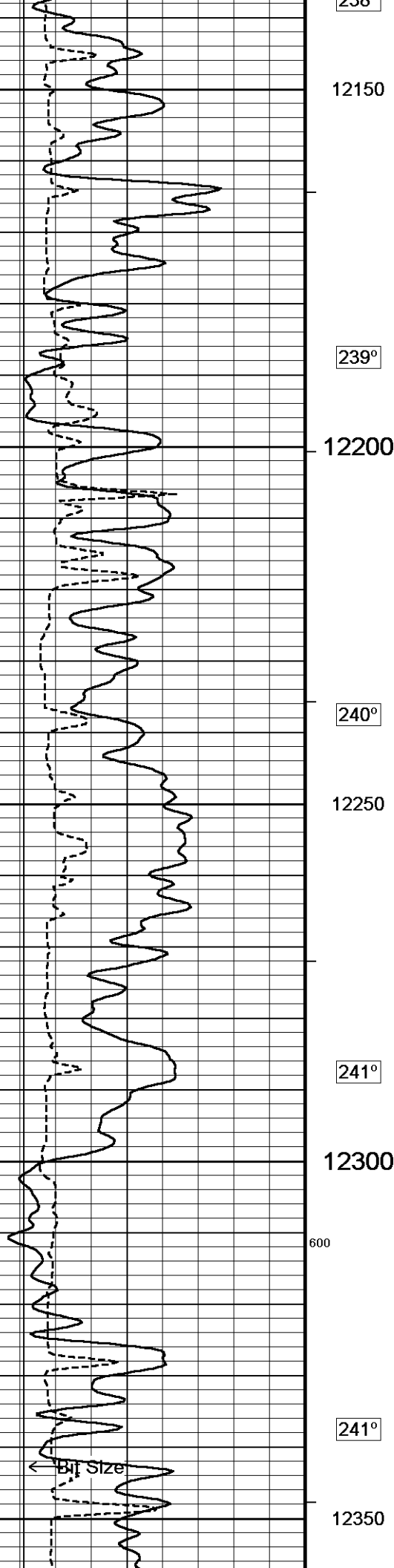
11450

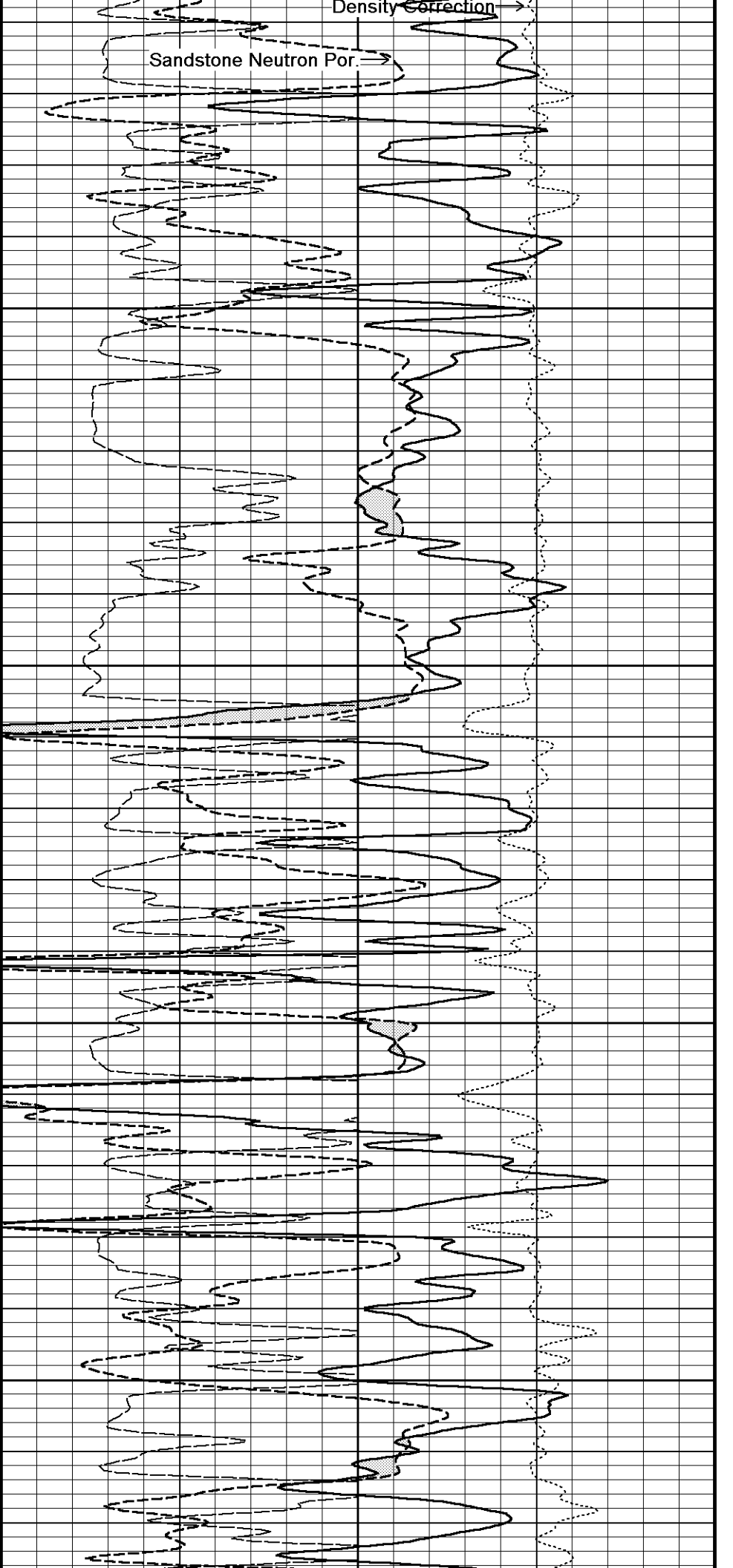
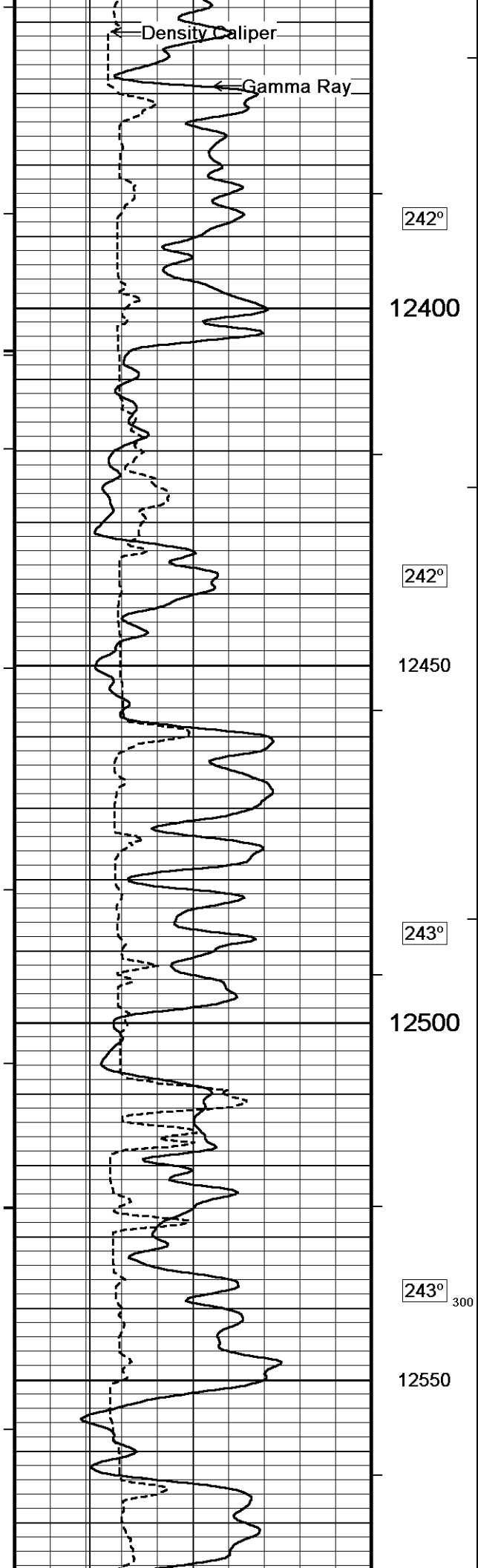


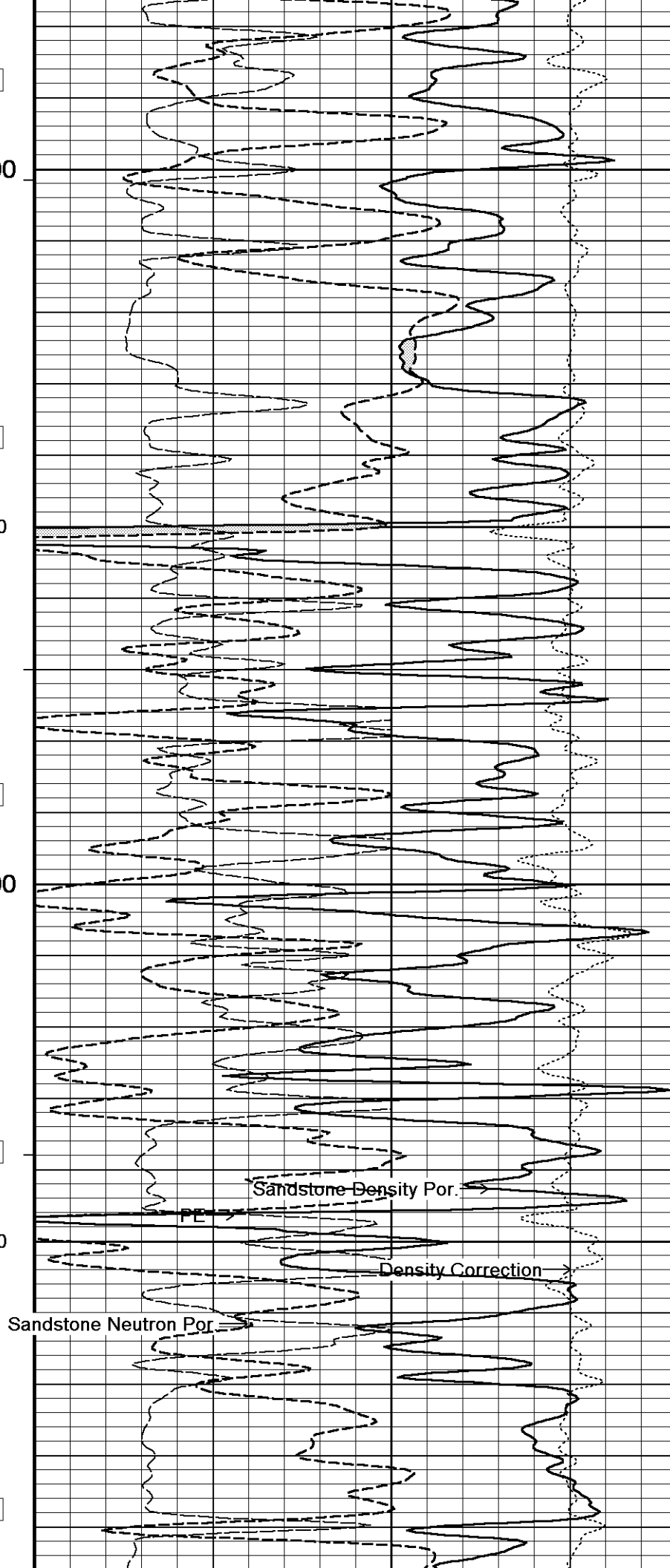
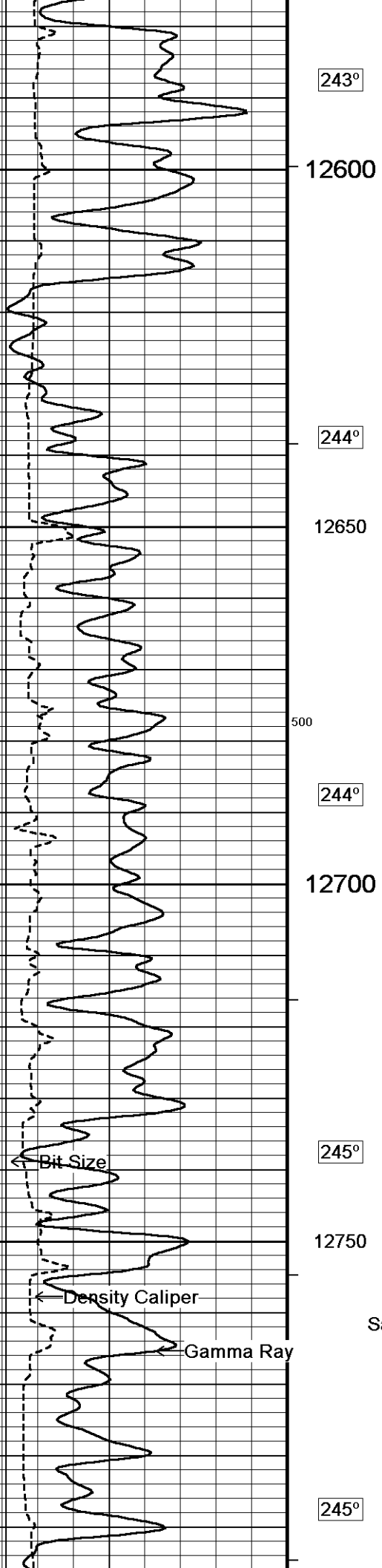


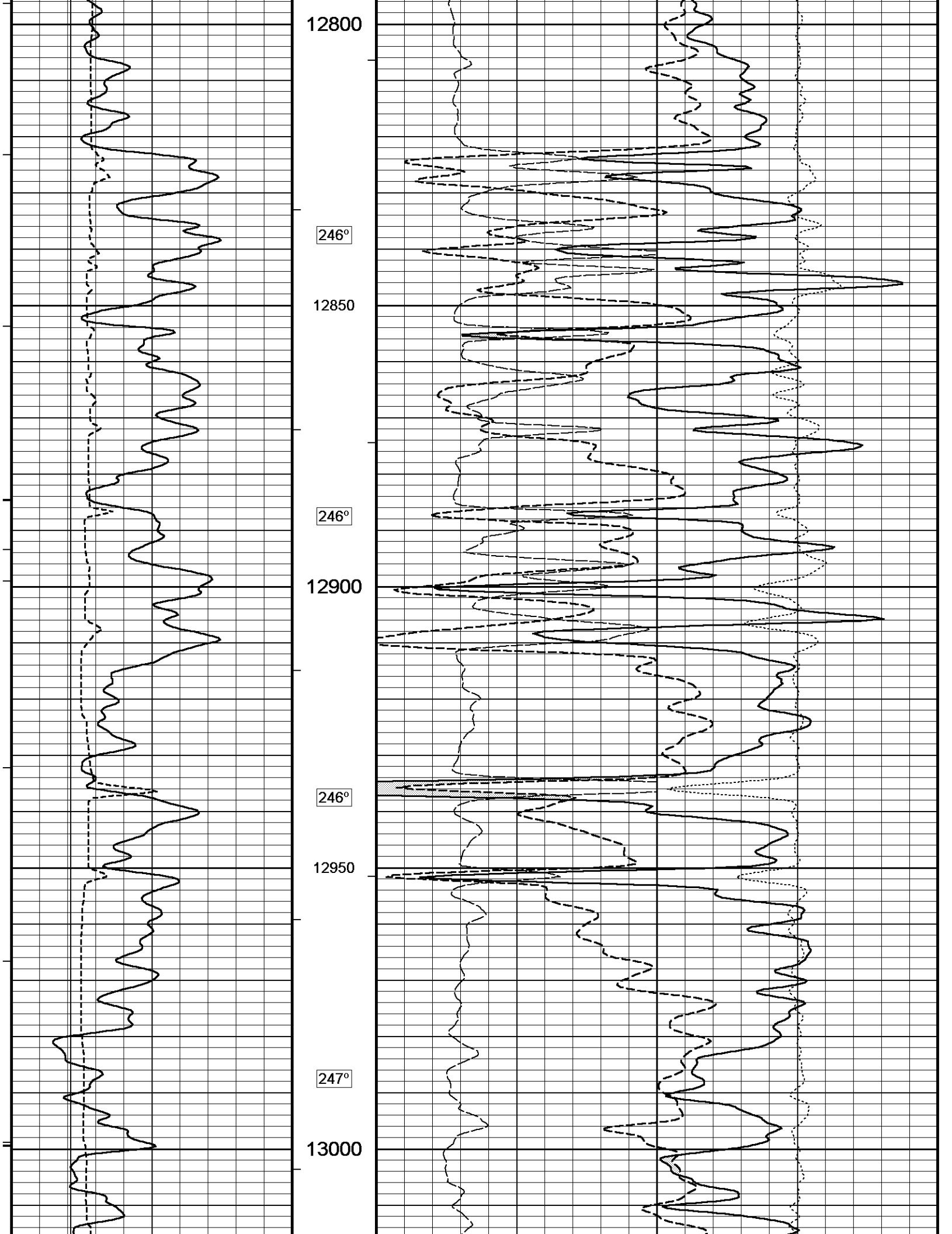


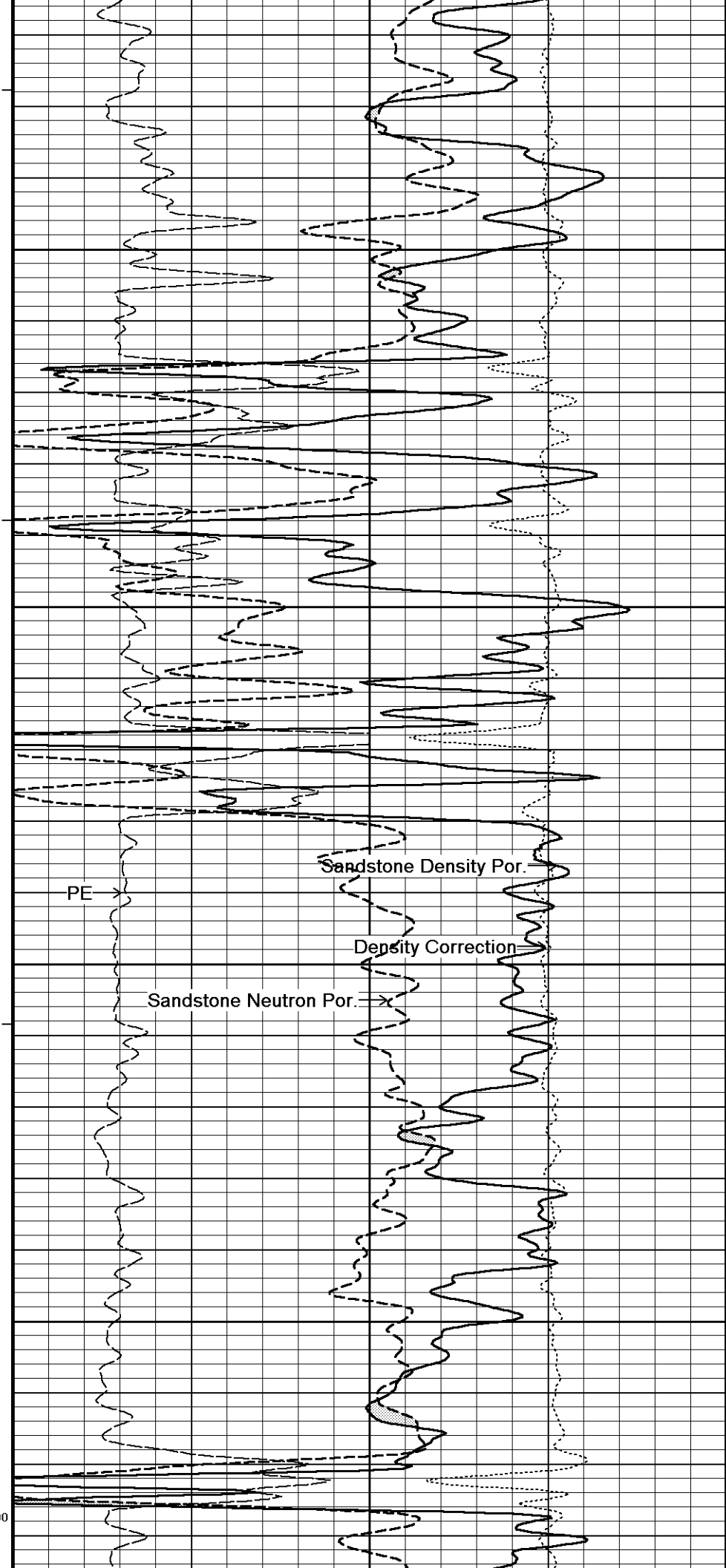
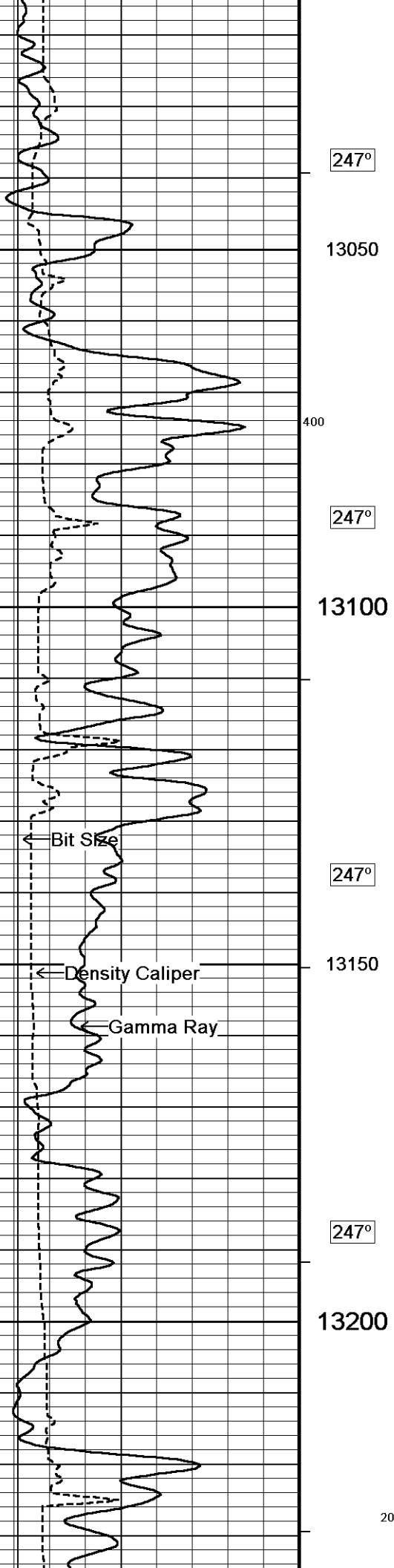


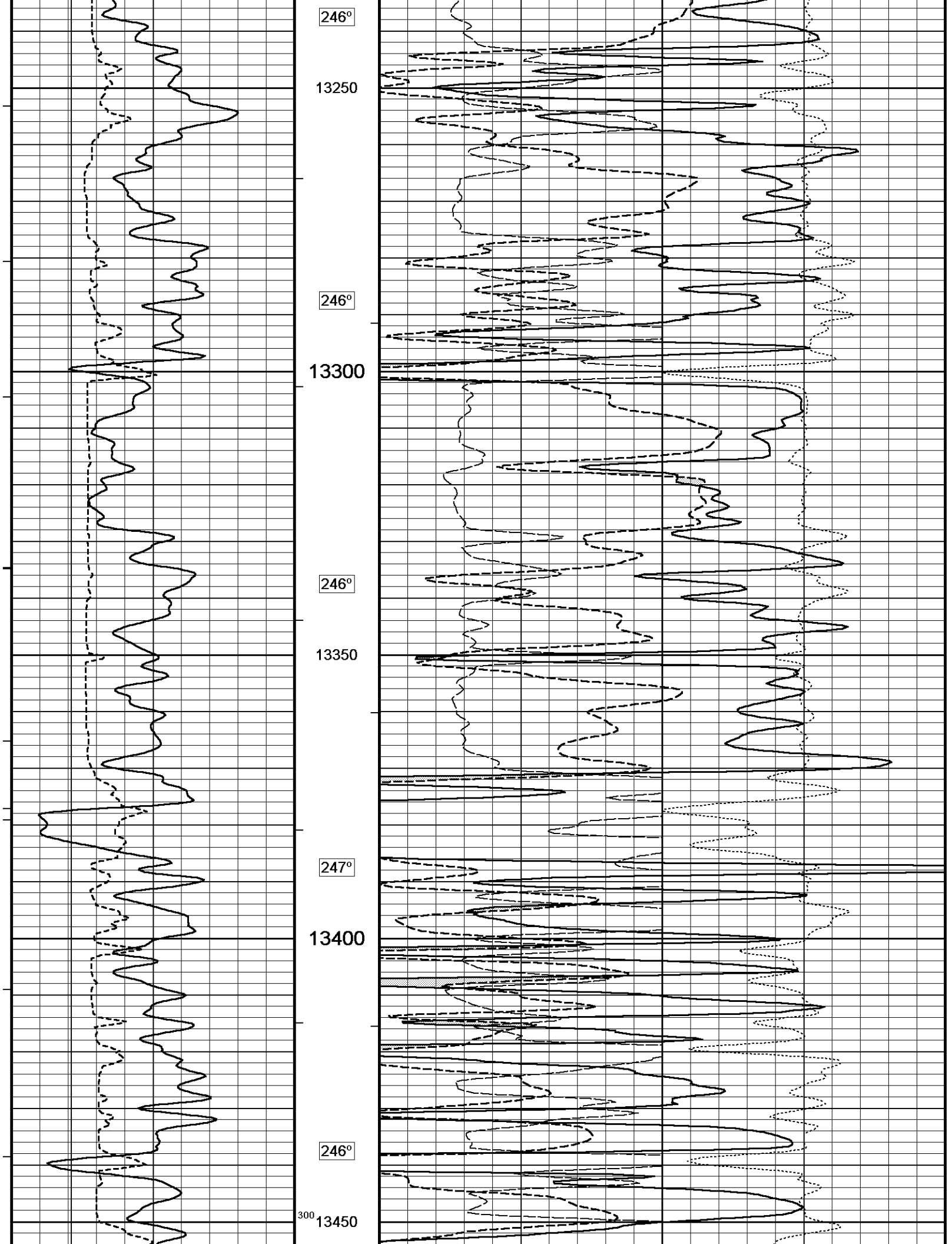


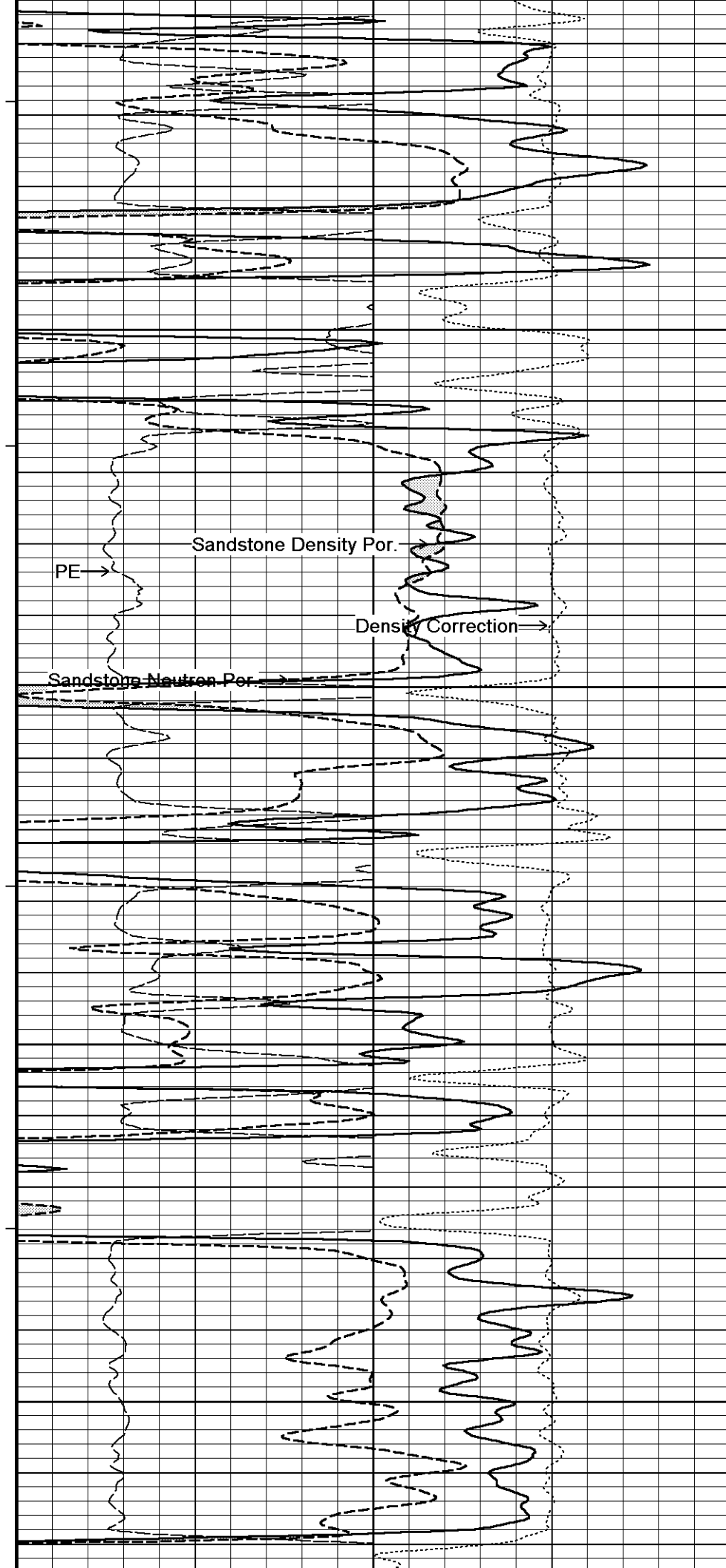
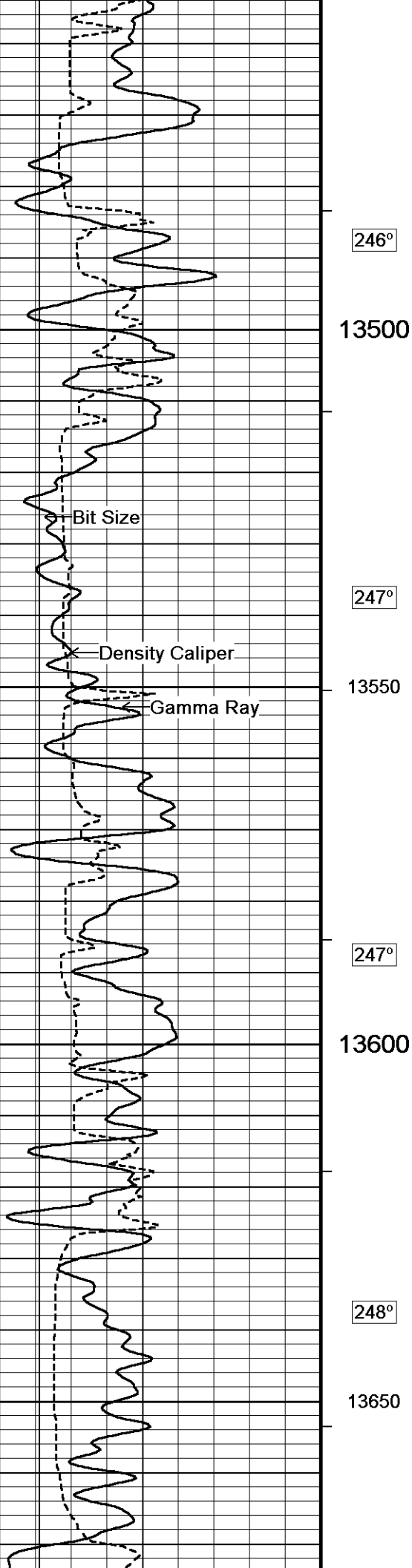


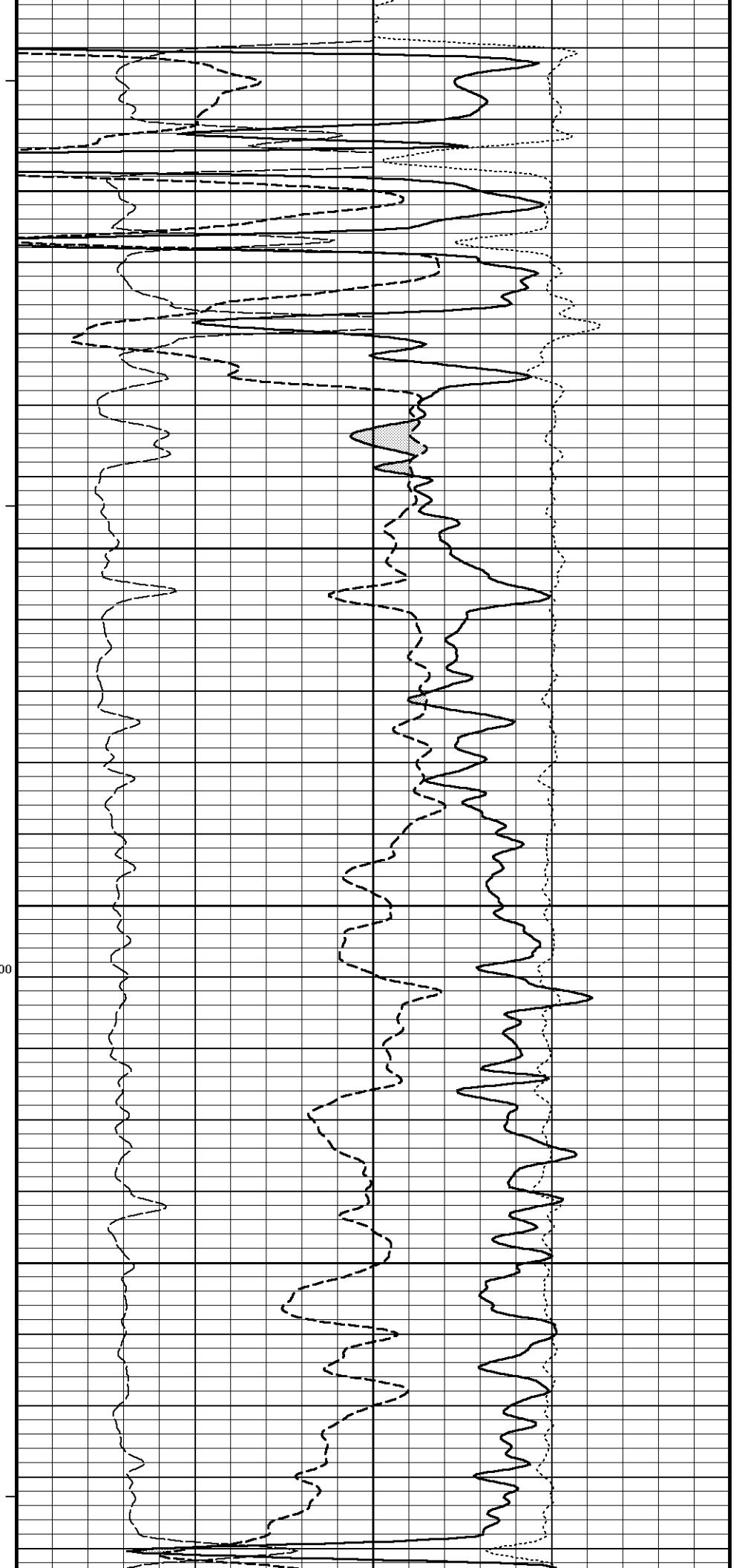
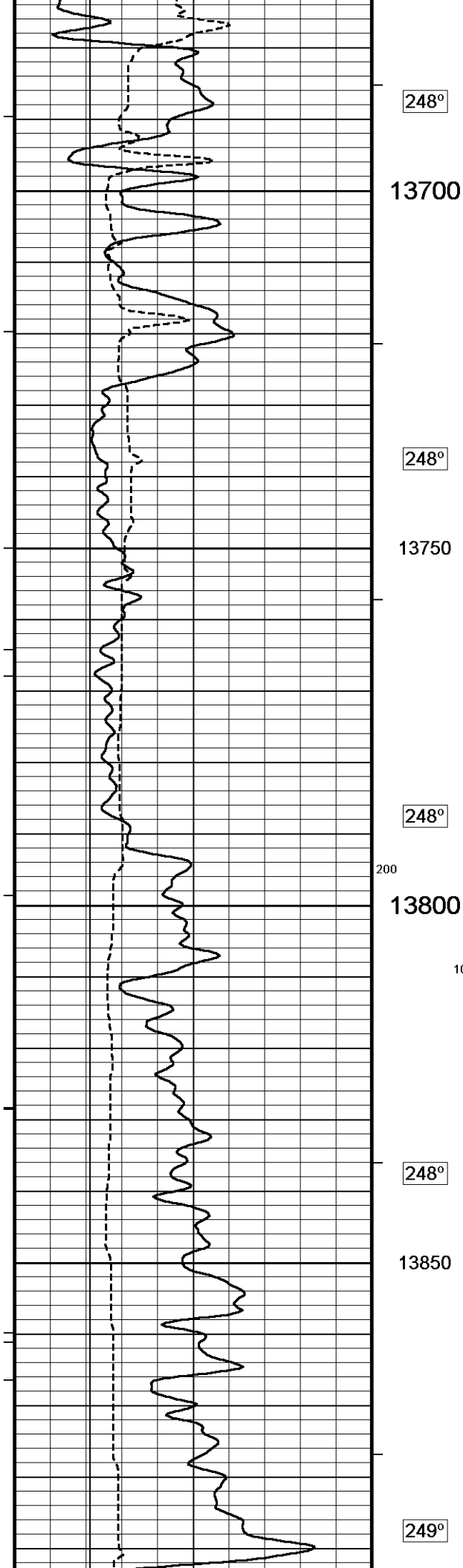


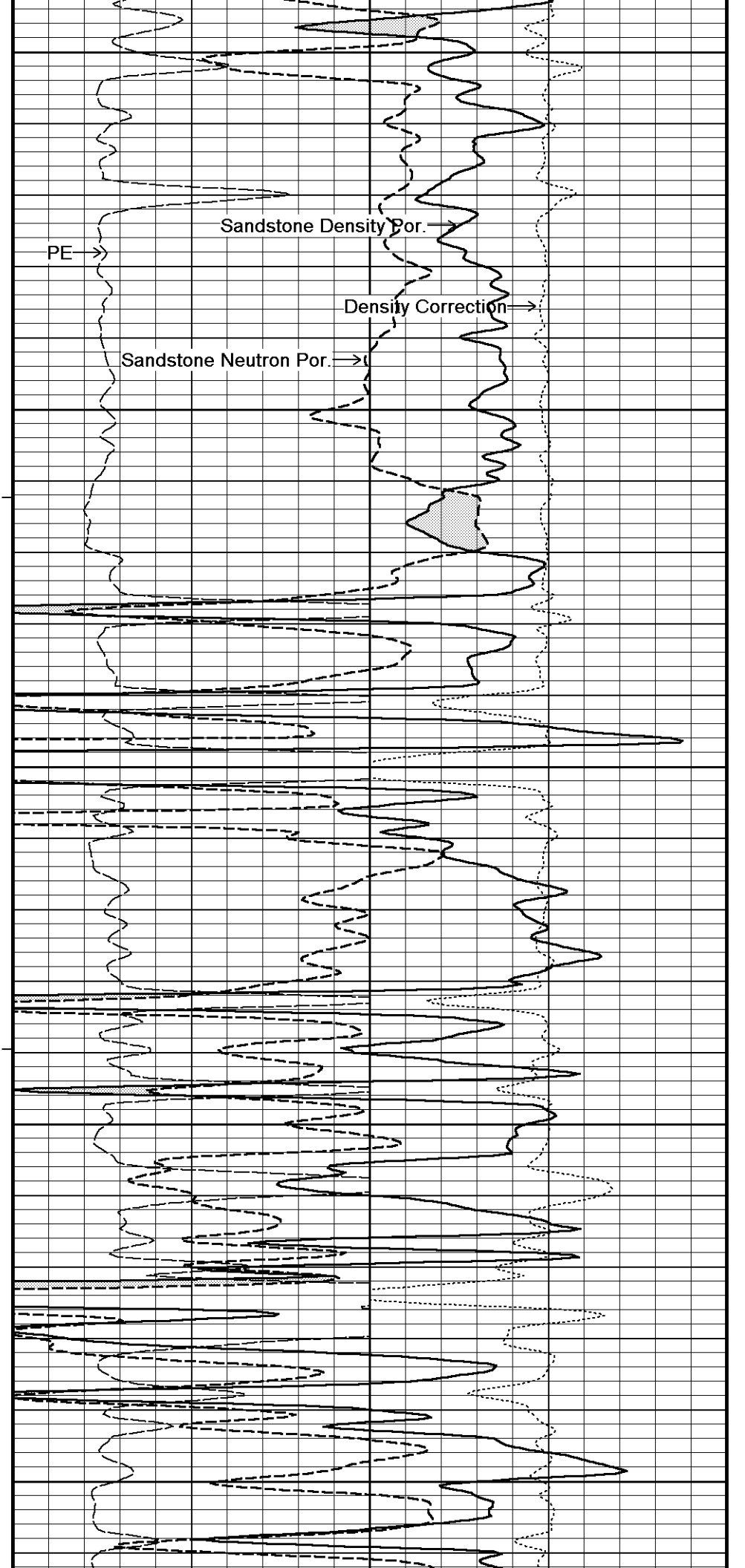
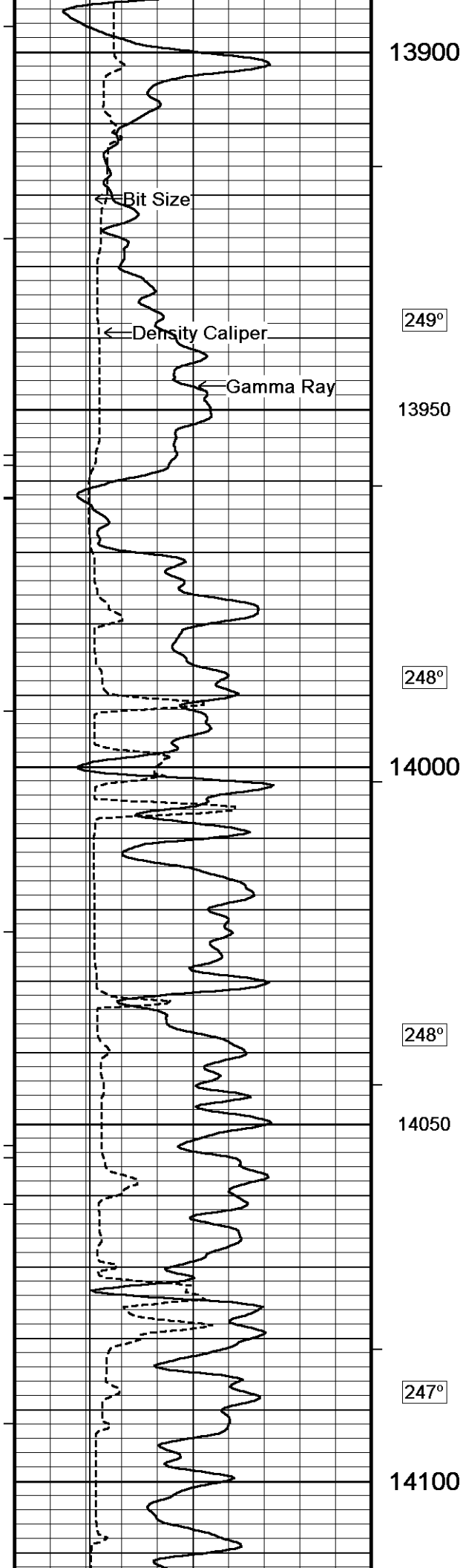


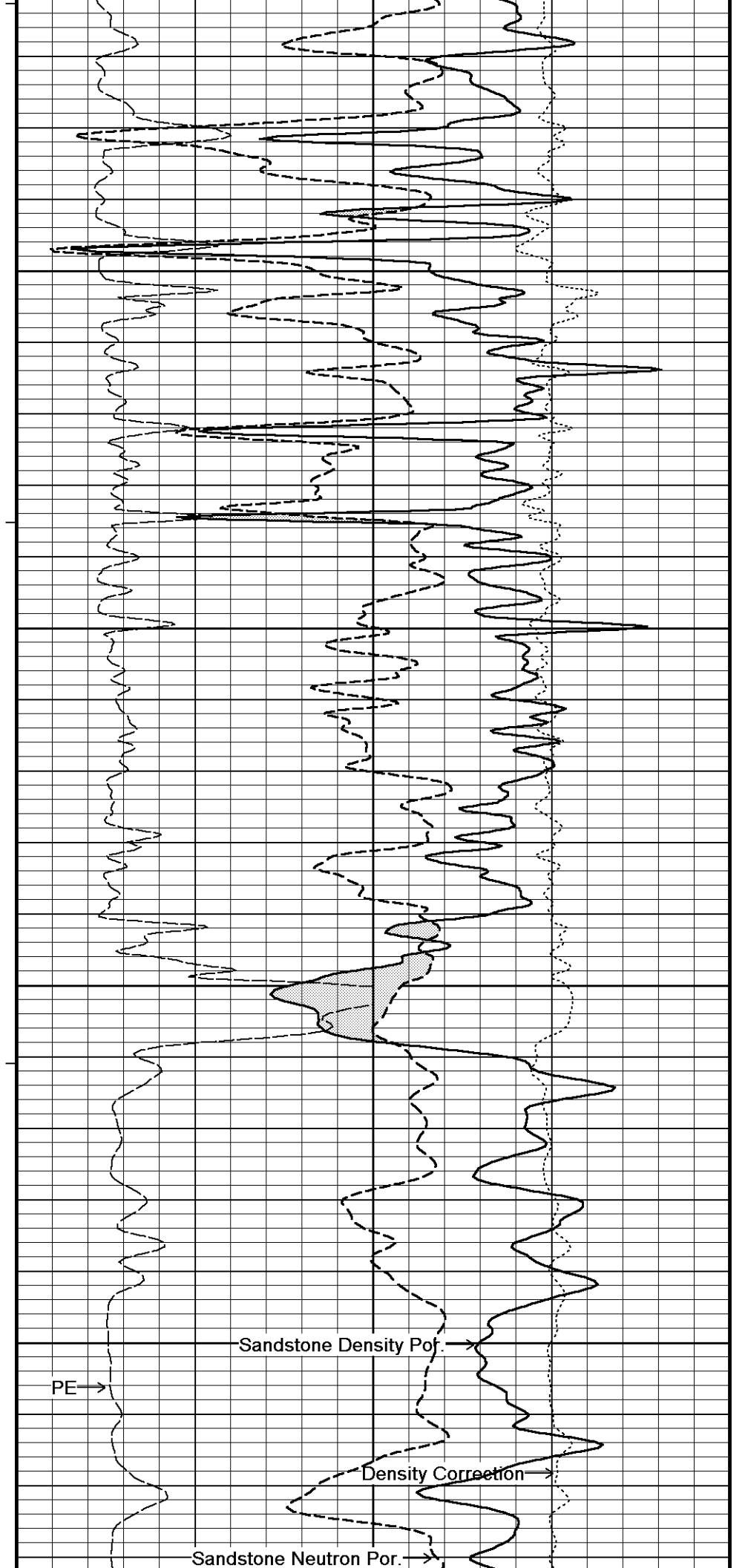
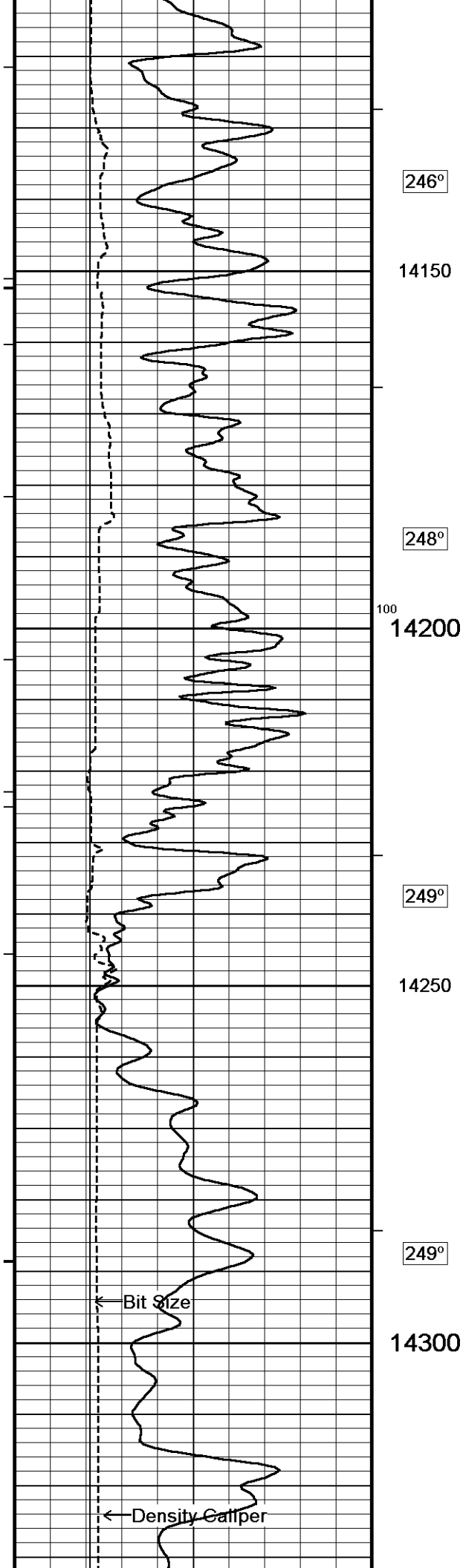


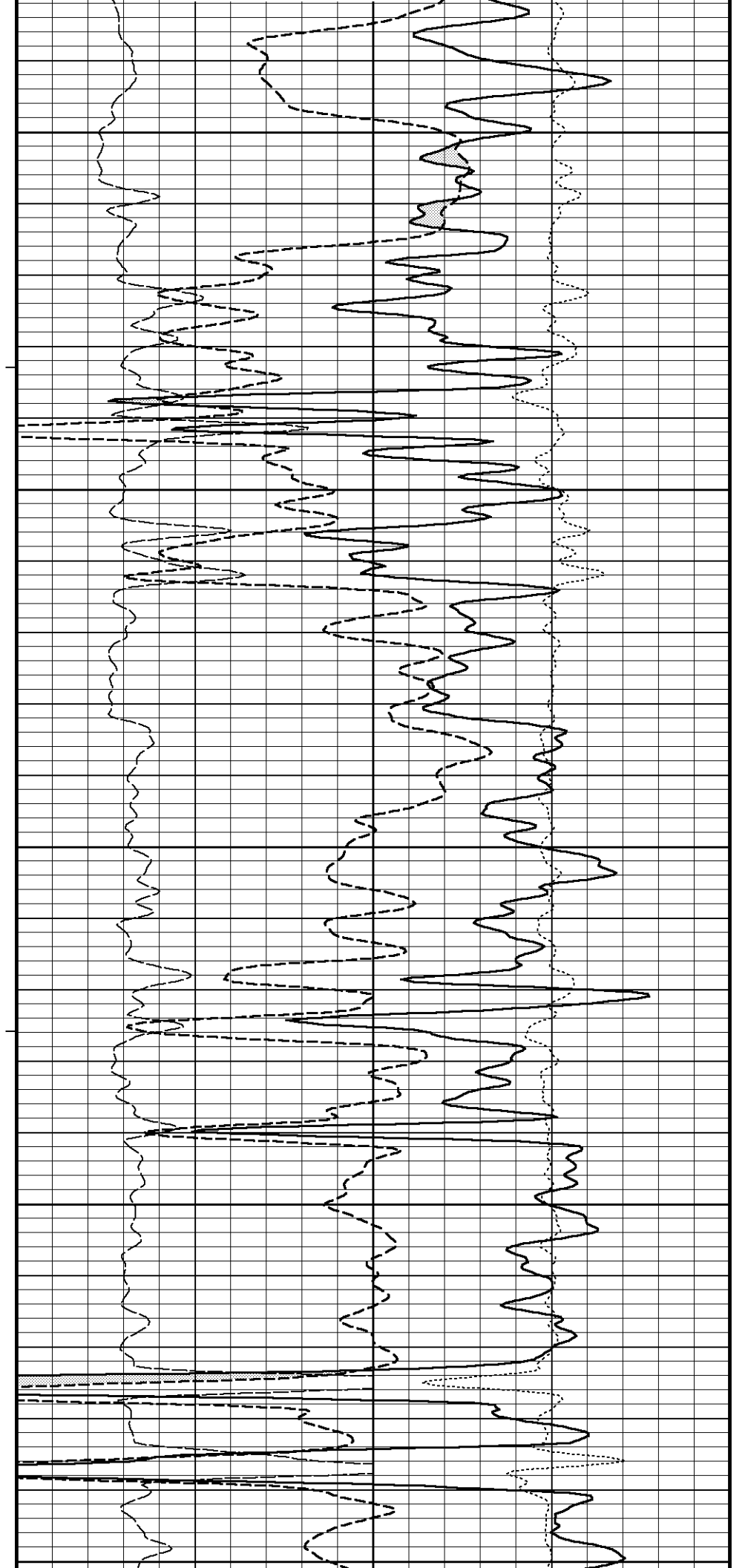
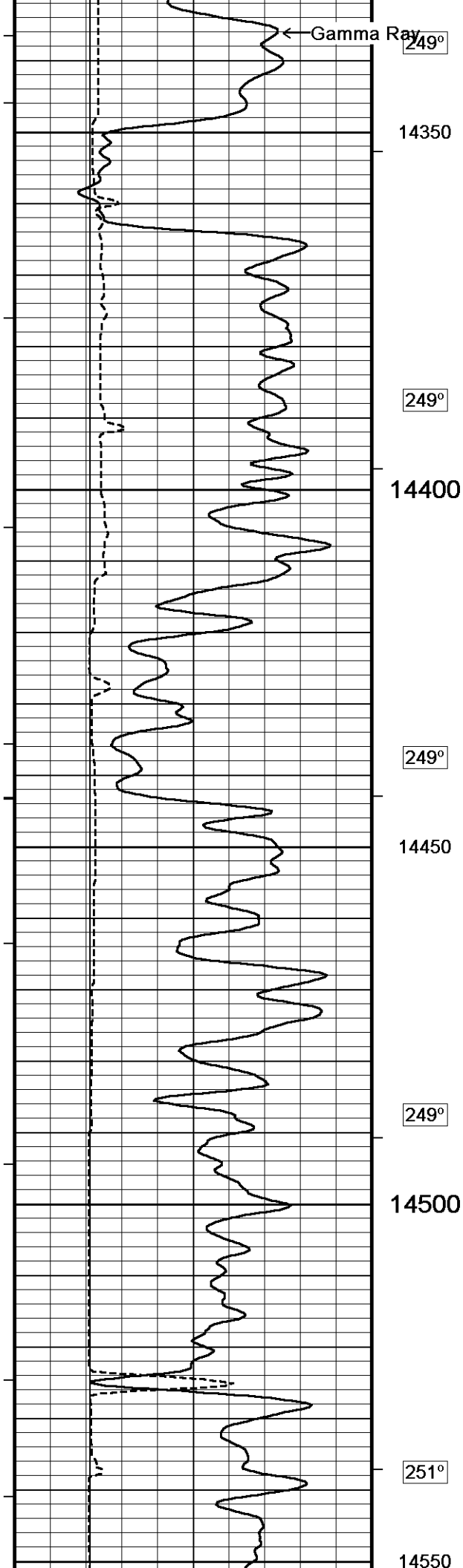


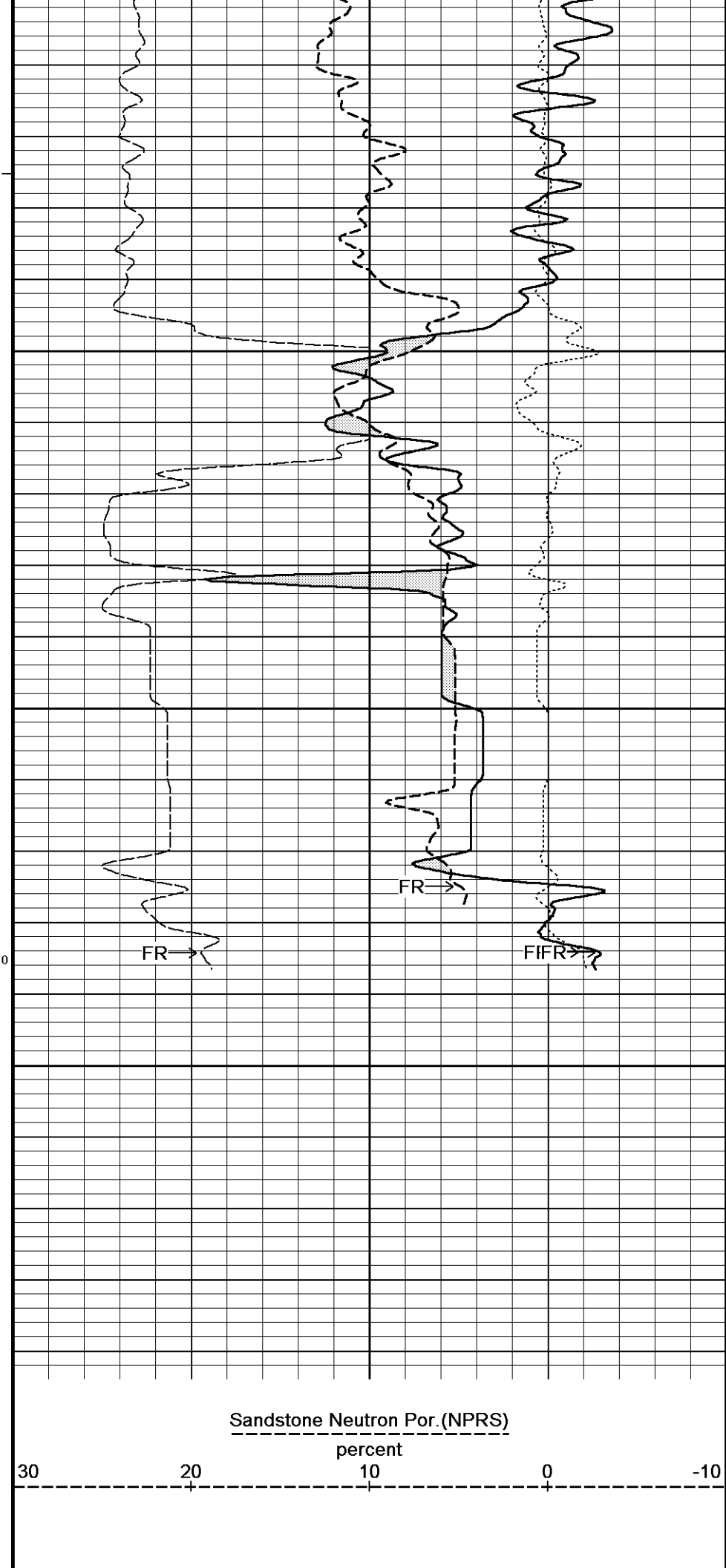
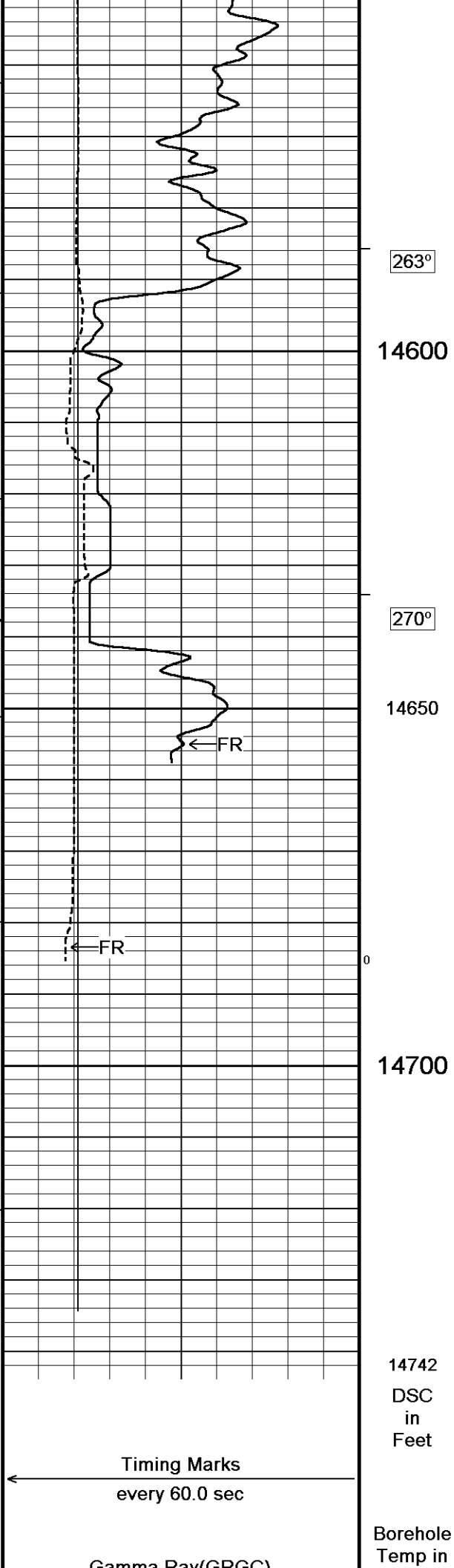


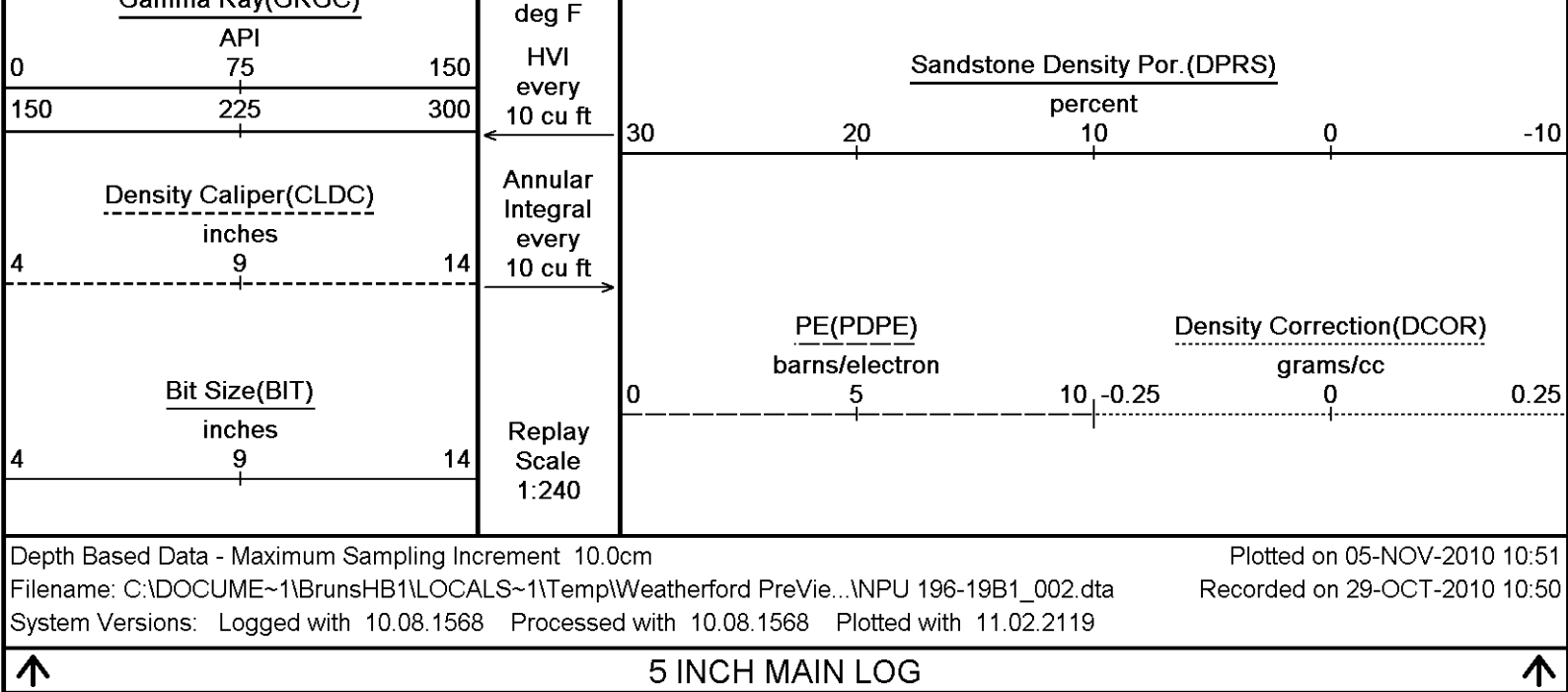












| BEFORE SURVEY CALIBRATION | | | |
|---|-----------------------|--|--|
| C:\DOCUME~1\BrunsHB1\LOCALS~1\Temp\Weatherford PreView\0\NPU 196-19B1_001.dta | | | |
| General Constants All 000 | | Last Edited on 28-OCT-2010,12:02 | |
| General Parameters | | | |
| Mud Resistivity | 2.520 | ohm-metres | |
| Mud Resistivity Temperature | 97.500 | degrees F | |
| Water Level | 0.000 | feet | |
| Density/Neutron Processing | Wet Hole | | |
| Hole/Annular Volume and Differential Caliper Parameters | | | |
| HVOL Method | Single Caliper | | |
| HVOL Caliper 1 | Density Caliper | | |
| HVOL Caliper 2 | N/A | | |
| Annular Volume Diameter | 4.500 | inches | |
| Caliper for Differential Caliper | None | | |
| Rwa Parameters | | | |
| Porosity used | Base Neutron Porosity | | |
| Resistivity used | Array Ind. One Res Rt | | |
| RWA Constant A | 0.610 | | |
| RWA Constant M | 2.150 | | |
| Down-hole Tension Calibration SMS 000 | | Field Calibration on 20-OCT-2010 09:59 | |
| Reading No | Measured | Calibrated (lbs) | |
| 1 | 15939.04 | 0.00 | |
| 2 | 16579.22 | 345.00 | |
| Gamma Calibration MCG 342 | | Field Calibration on 26-OCT-2010 10:44 | |
| | Measured | Calibrated (API) | |
| Background | 140 | 94 | |
| Calibrator (Gross) | 1074 | 720 | |
| Calibrator (Net) | 934 | 626 | |
| Gamma Constants MCG 342 | | Last Edited on 20-OCT-2010,03:41 | |
| Gamma Calibrator Number GRC-005 | | | |
| Mud Density | 1.20 | gm/cc | |
| Caliper Source for Processing | Density Caliper | | |
| Tool Position | Eccentred | | |
| Concentration of KCl | 0.00 | kppm | |
| SP Calibration MCG 342 | | | |

| | | |
|-------------|----------|-----------------|
| | Measured | Calibrated (mV) |
| Reference 1 | 100.0 | 100.0 |
| Reference 2 | -100.0 | -100.0 |

High Resolution Temperature Calibration MCG 342

Field Calibration on 26-OCT-2010,10:46

| | | |
|-------|----------|-------------------|
| | Measured | Calibrated(Deg F) |
| Lower | 10.00 | 10.00 |
| Upper | 75.00 | 75.00 |

High Resolution Temperature Constants MCG 342

Last Edited on 13-SEP-2010,08:11

Pre-filter Length 11

Neutron Calibration MDN 250

Base Calibration on 03-SEP-2010 16:24

Field Check on 26-OCT-2010 10:02

Base Calibration

| | | | | |
|-------|----------|-----|------------------|-----|
| | Measured | | Calibrated (cps) | |
| | Near | Far | Near | Far |
| | 3043 | 93 | 3714 | 110 |
| Ratio | 32.551 | | 33.764 | |

Field Calibrator at Base

| | | |
|-------|------------------|------|
| | Calibrated (cps) | |
| | 1588 | 2313 |
| Ratio | 0.687 | |

Field Check

| | | |
|-------|------------------|------|
| | Calibrated (cps) | |
| | 1587 | 2321 |
| Ratio | 0.684 | |

Neutron Constants MDN 250

Last Edited on 21-SEP-2010,09:21

| | | |
|---------------------------------|-----------------|-----------|
| Neutron Source Id | 755 | |
| Neutron Jig Number | 6532 | |
| Epithermal Neutron | No | |
| Caliper Source for Processing | Density Caliper | |
| Stand-off | 0.00 | inches |
| Mud Density | 1.00 | gm/cc |
| Limestone Sigma | 7.10 | cu |
| Sandstone Sigma | 7.00 | cu |
| Dolomite Sigma | 4.70 | cu |
| Formation Pressure Source | Constant Value | |
| Formation Pressure | 0.00 | kpsi |
| Temperature Source | Constant Value | |
| Temperature | 68.00 | degrees F |
| Mud Salinity | 0.00 | kppm |
| Formation Fluid Salinity Source | Constant Value | |
| Formation Fluid Salinity | 0.00 | kppm |
| Barite Mud Correction | Not Applied | |

FE Calibration MFE 236

Base Calibration on 03-SEP-2010 14:10

Field Check on 26-OCT-2010 10:25

Base Calibration

| | | |
|-------------|----------|--------------------|
| | Measured | Calibrated (ohm-m) |
| Reference 1 | 0.0 | 0.0 |
| Reference 2 | 963.2 | 126.8 |

Base Check 281.2

Field Check 281.5

FE Constants MFE 236

Last Edited on 28-OCT-2010,12:03

| | | |
|----------------------------------|--------------------------|--------|
| Running Mode | No Sleeve | |
| MFE K Factor | 0.1268 | |
| Caliper Source for FE correction | Density Caliper | |
| Caliper Value for FE correction | N/A | inches |
| Rm Source for FE correction | Temperature Corr | |
| Temp. for Rm Corr. | MCG External Temperature | |
| Stand-off | 0.5 | inches |

Sonic Constants MSS 095

Last Edited on 26-OCT-2010,10:49

| | | | | | |
|---|------------------------|---------------------|--------------|--|--------------------|
| Maximum Boundary Contrast | 100.00 | micro-sec/ft | | | |
| Fluid Transit Time | 189.00 | micro-sec/ft | | | |
| Limestone Transit Time | 47.50 | micro-sec/ft | | | |
| Sandstone Transit Time | 55.50 | micro-sec/ft | | | |
| Dolomite Transit Time | 43.50 | micro-sec/ft | | | |
| Sonic used for Porosities | 3-5' Compensated Sonic | | | | |
| Correction for Sonde Skew | Applied | | | | |
| Cycle Stretch Algorithm | Applied | | | | |
| MN3FT | N/A | micro-sec | | | |
| MX3FT | N/A | micro-sec | | | |
| Hunt-Raymer Constant | 83.13 | micro-sec/ft | | | |
| Sonde Mode | Full Waveform | | | | |
| Hole Type | Open Hole | | | | |
| Sonde Parameters | | | | | |
| | Measured | Calibrated | | | |
| Offset | N/A | 0.0000 | | | |
| Free Pipe | N/A | N/A | | | |
| Peak Amplitude Source | | N/A | | | |
| Waveform | Start Time (micro-sec) | Width (micro-sec) | Pre Gain | Start Gain | Discriminator (mV) |
| 3' | N/A | N/A | N/A | N/A | N/A |
| 4' | N/A | N/A | N/A | N/A | N/A |
| 5' | N/A | N/A | N/A | N/A | N/A |
| 6' | N/A | N/A | N/A | N/A | N/A |
| Processed Fixed Gate Parameters | | | | | |
| Waveform Used For Processing | 3 foot | | | | |
| Start Time (micro-sec) | End Time (micro-sec) | Discriminator (mV) | | N/A | |
| N/A | N/A | N/A | | | |
| N/A | N/A | N/A | | N/A | |
| N/A | N/A | N/A | | N/A | |
| N/A | N/A | N/A | | N/A | |
| N/A | N/A | N/A | | N/A | |
| Full Waveform Parameters | | | | | |
| Use 3' Waveform to derive TR | | Yes | | | |
| Use 4' Waveform to derive TR | | Yes | | | |
| Use 5' Waveform to derive TR | | Yes | | | |
| Use 6' Waveform to derive TR | | Yes | | | |
| 3' Waveform Discriminator Level | | 0.30 | mV | | |
| 4' Waveform Discriminator Level | | 0.30 | mV | | |
| 5' Waveform Discriminator Level | | 0.15 | mV | | |
| 6' Waveform Discriminator Level | | 0.15 | mV | | |
| 3' Waveform Filter | | None | | | |
| 4' Waveform Filter | | None | | | |
| 5' Waveform Filter | | None | | | |
| 6' Waveform Filter | | None | | | |
| Semblance Level | | 0.50 | | | |
| Semblance Window Width | | 120.00 | micro-sec | | |
| Sonic 1 Despiker | | 30.48 | micro-sec/ft | | |
| Sonic 2 Despiker | | 30.48 | micro-sec/ft | | |
| High Resolution Temperature Calibration MAI 286 | | | | | |
| | Measured | Calibrated(Deg F) | | Field Calibration on 26-OCT-2010,10:50 | |
| Lower | 10.00 | 50.00 | | | |
| Upper | 100.00 | 212.00 | | | |
| High Resolution Temperature Constants MAI 286 | | | | | |
| | | | | Last Edited on | |
| Pre-filter Length | | 11 | | | |
| Induction Calibration MAI 286 | | | | | |
| | | | | Base Calibration on 30-AUG-2010,13:58 | |
| | | | | Field Check on 26-OCT-2010 10:27 | |
| Base Calibration | | | | | |
| Test Loop Calibration | Measured | Calibrated (mmho/m) | | | |

| Channel | Low | High | Low | High |
|---------|------|-------|-----|-------|
| 1 | 17.8 | 471.4 | 9.3 | 966.2 |
| 2 | 6.8 | 387.0 | 7.6 | 821.4 |
| 3 | 3.2 | 259.6 | 5.2 | 566.0 |
| 4 | 2.0 | 136.1 | 2.6 | 279.2 |

Array Temperature 75.2 Deg F

| Channel | Base Check (mmho/m) | | Field Check (mmho/m) | |
|-------------------|---------------------|------|----------------------|------------|
| | Low | High | Low | High |
| 1 | 0.0 | 0.0 | 9.6 | 3856.3 |
| 2 | 0.0 | 0.0 | 28.0 | 3484.9 |
| 3 | 0.0 | 0.0 | 28.8 | 3044.8 |
| 4 | 0.0 | 0.0 | 18.9 | 2029.3 |
| Deep | 0.0 | 0.0 | 18.5 | 1996.0 |
| Medium | 0.0 | 0.0 | 42.7 | 4026.7 |
| Shallow | 0.0 | 0.0 | 40.3 | 5130.2 |
| Array Temperature | | 0.0 | | 40.1 Deg F |

Induction Constants MAI 286

Last Edited on 28-OCT-2010,12:04

| | | | |
|-----------------------------------|--------------------------|------------|--------|
| Induction Model | RtAP-WBM | | |
| Caliper for Borehole Corr. | Density Caliper | | |
| Hole Size for Borehole Correction | N/A | inches | |
| Tool Centred | No | | |
| Stand-off Type | Fins | | |
| Stand-off | 0.50 | inches | |
| Number of Fins on Stand-off | 6.0000 | | |
| Stand-off Fin Angle | 60.00 | degrees | |
| Stand-off Fin Width | 0.5000 | inches | |
| Borehole Corr. Rm Source | Temperature Corr | | |
| Temp. for Rm Corr. | MCG External Temperature | | |
| Squasher Start | 0.0020 | mhos/metre | |
| Squasher Offset | N/A | mhos/metre | |
| Borehole Normalisation | | | |
| DRM1 | 0.0000 | DRC1 | 0.0000 |
| DRM2 | 0.0000 | DRC2 | 0.0000 |
| MRM1 | 0.0000 | MRC1 | 0.0000 |
| MRM2 | 0.0000 | MRC2 | 0.0000 |
| SRM1 | 0.0000 | SRC1 | 0.0000 |
| SRM2 | 0.0000 | SRC2 | 0.0000 |

Calibration Site Corrections

| | | |
|-----------|------|-------------|
| Channel 1 | 0.00 | mmhos/metre |
| Channel 2 | 0.00 | mmhos/metre |
| Channel 3 | 0.00 | mmhos/metre |
| Channel 4 | 0.00 | mmhos/metre |

Apparent Porosity and Water Saturation Constants

| | | |
|--------------------------------------|--------|---------|
| Archie Constant (A) | 1.00 | |
| Cementation Exponent (M) | 2.00 | |
| Saturation Exponent (N) | 2.00 | |
| Saturation of Water for Apor | 100.00 | percent |
| Resistivity of Water for Apor and Sw | 0.05 | ohm-m |
| Resistivity of Mud Filtrate for Sw | 0.00 | ohm-m |
| Source for Rt | 0.00 | |
| Source for Rxo | 0.00 | |

Photo Density Calibration MPD 297

Base Calibration on 07-SEP-2010,20:52

Field Check on 26-OCT-2010 10:17

| | | | | |
|---------------------|--------|----------|------------------|-------|
| Density Calibration | | | | |
| Base Calibration | | Measured | Calibrated (sdu) | |
| | Near | Far | Near | Far |
| Reference 1 | 48641 | 17016 | 53115 | 19186 |
| Reference 2 | 23254 | 2648 | 25020 | 2536 |
| Field Check at Base | | | | |
| | 1217.4 | 1425.1 | | |

Field Check

1209.8

1422.5

PE Calibration

Base Calibration

| | WS | Measured WH | Ratio | Calibrated Ratio |
|-------------|-------|----------------|-------|---------------------|
| Background | 223 | 1081 | | |
| Reference 1 | 14027 | 48449 | 0.291 | 0.320 |
| Reference 2 | 5796 | 23096 | 0.253 | 0.272 |

Field Check at Base

222.6 1080.8

Field Check

218.6 1067.0

Density Constants MPD 297

Last Edited on 28-OCT-2010,12:03

| | |
|-------------------------------|-----------------|
| Density Source Id | 271 |
| Nylon Calibrator Number | 507 |
| Aluminium Calibrator Number | 507 |
| Density Shoe Profile | 4 inch |
| Caliper Source for Processing | Density Caliper |
| PE Correction to Density | Not Applied |
| Mud Density | 1.45 gm/cc |
| Mud Density Z/A Multiplier | 1.11 |
| Mud Filtrate Density | 1.00 gm/cc |
| Dry Hole Mud Filtrate Density | 1.00 gm/cc |
| DNCT | 0.00 gm/cc |
| CRCT | 0.00 gm/cc |
| Density Z/A Correction | Hybrid |
| Matrix Density (gm/cc) | Depth (ft) |
| 2.68 | 0.00 |
| 0.00 | 0.00 |
| 0.00 | 0.00 |
| 0.00 | 0.00 |
| 0.00 | 0.00 |
| 0.00 | 0.00 |
| 0.00 | 0.00 |
| 0.00 | 0.00 |

Caliper Calibration MPD 297

Base Calibration on 06-SEP-2010 15:20

Field Calibration on 26-OCT-2010,10:49

Base Calibration

| Reading No | Measured | Calibrator Size (in) |
|------------|----------|----------------------|
| 1 | 16944 | 4.00 |
| 2 | 25504 | 5.96 |
| 3 | 33088 | 7.98 |
| 4 | 41248 | 9.86 |
| 5 | 50304 | 11.88 |
| 6 | N/A | N/A |

Field Calibration

| Measured Caliper (in) | Actual Caliper (in) |
|-----------------------|---------------------|
| 5.96 | 5.96 |

DOWNHOLE EQUIPMENT

C:\DOCUME~1\BrunsHB1\LOCALS~1\Temp\Weatherford PreView\0\NPU 196-19B1_001.dta

Shuttle Running Tool 3.5" (SRT A)

SRT 5 Length: 1.00 ft Weight: 37.5 lb

MBS-A 400v Compact Battery Sub

MBS 5 Length: 14.24 ft Weight: 105.8 lb

Compact Gamma

MCG 342 Length: 8.70 ft Weight: 63.9 lb



77.26 ft

74.36 ft

GRGC - Gamma Ray

CGXT - MCG External Temperature

MOS 342 Length: 3.70 ft Weight: 33.9 lb

Compact Memory Sub D.A
MMS 106 Length: 3.12 ft Weight: 30.9 lb

SKJ-E.A Compact Knuckle Joint
SKJ 143 Length: 2.17 ft Weight: 24.3 lb

SHA-H Compact Swivel Head Adaptor
SHA 170 Length: 2.30 ft Weight: 22.0 lb

MIS-D.A Compact Inline Bowspring sub
MIS 438 Length: 5.70 ft Weight: 33.1 lb

Compact Neutron
MDN 250 Length: 5.04 ft Weight: 50.7 lb

Compact Density/Caliper
MPD 297 Length: 9.59 ft Weight: 90.4 lb

MIS-D.A Compact Inline Bowspring sub
MIS 439 Length: 5.70 ft Weight: 33.1 lb

SHA-J.A Compact Swivel Head Adaptor
SHA 316 Length: 2.30 ft Weight: 22.0 lb

SKJ-D.A Compact Knuckle Joint
SKJ 260 Length: 2.17 ft Weight: 24.3 lb

MIS-E.A Compact Inline Standoff sub
MIS 182 Length: 2.14 ft Weight: 15.4 lb

Compact Focussed Electric
MFE 236 Length: 6.03 ft Weight: 48.5 lb

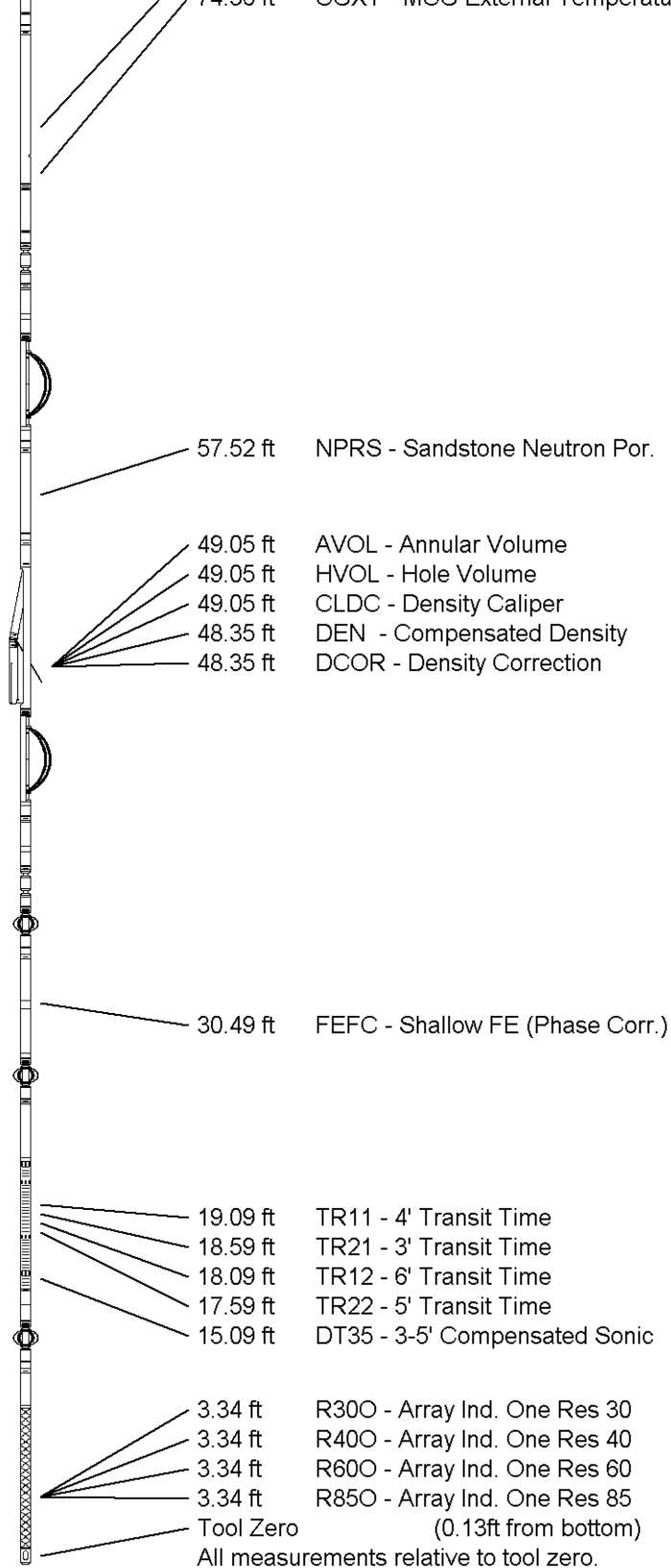
MIS-E.A Compact Inline Standoff sub
MIS 277 Length: 2.14 ft Weight: 15.4 lb

Compact Sonic
MSS 95 Length: 12.52 ft Weight: 72.8 lb

MIS-E.A Compact Inline Standoff sub
MIS 183 Length: 2.14 ft Weight: 15.4 lb

Compact Induction
MAI 286 Length: 10.81 ft Weight: 48.5 lb

Total Length: 97.79 ft Weight: 754.0 lb



| | |
|-----------------|-------------------------------|
| COMPANY | EXXON MOBIL CORPORATION |
| WELL | NORTH PICEANCE CREEK 196-19B1 |
| FIELD | PICEANCE CREEK |
| PROVINCE/COUNTY | RIO BLANCO |
| COUNTRY/STATE | U.S.A. / COLORADO |

| | | | | | |
|-------------------------|---------|------|---------------|----------|------|
| Elevation Kelly Bushing | 6912.50 | feet | First Reading | 14685.00 | feet |
| Elevation Drill Floor | 6911.50 | feet | Depth Driller | 14761.00 | feet |
| Elevation Ground Level | 6882.50 | feet | Depth Logger | 14761.00 | feet |



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