



Weatherford

DETAIL SECTION

COMPANY **SHAKESPEARE OIL CO., INC.**

WELL **SCHOWALTER #1-7**

FIELD **WILDCAT**

PROVINCE/COUNTY **SCOTT**

COUNTRY/STATE **U.S.A. / KANSAS**

LOCATION **480' FNL & 2220' FWL**

SEC 7 **TWP 16S RGE 32W** Other Services

Latitude

Longitude

API Number **15-171-21205**

Permanent Datum GL, Elevation 3009 feet

Log Measured From KB, 11.00 feet above Permanent Datum

Drilling Measured From KB

Date **09-JUL-2017**

Run Number **ONE**

Service Order **4558-186803695**

Depth Driller **4750.00** feet

Depth Logger **4757.00** feet

First Reading **4754.00** feet

Last Reading **3800.00** feet

Casing Driller **265.00** feet

Casing Logger **267.00** feet

Bit Size **7.875** inches

Hole Fluid Type **CHEMICAL**

Density / Viscosity **9.30 lb/USg** **54.00 CP**

PH / Fluid Loss **10.50** **8.80 ml/30Min**

Sample Source **FLOWLINE**

Rm @ Measured Temp **0.95 @ 75.0** ohm-m

Rmf @ Measured Temp **0.76 @ 75.0** ohm-m

Rmc @ Measured Temp **1.14 @ 75.0** ohm-m

Source Rmf / Rmc **CALC** **CALC**

Rm @ BHT **0.59 @120.0** ohm-m

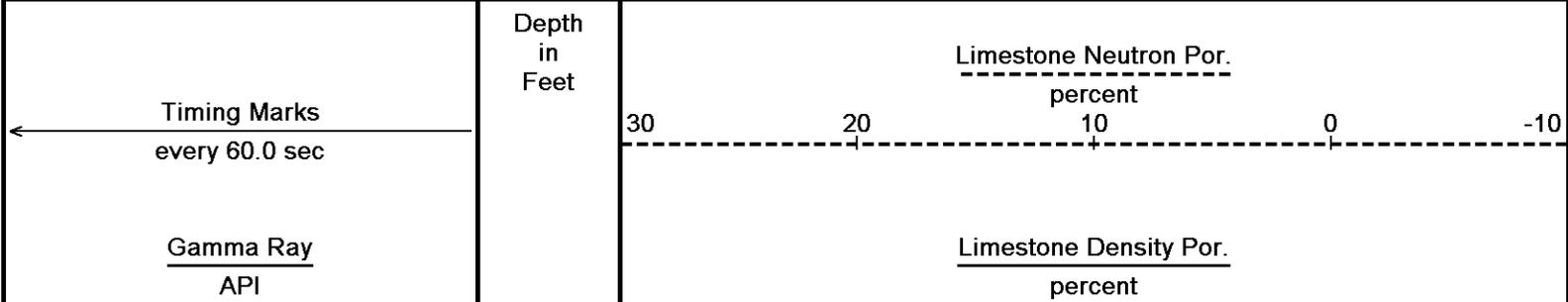
Time Since Circulation **5 HOURS**

Max Recorded Temp **120.00** deg F

Elevations: KB 3020.00 DF 3018.00 GL 3009.00 feet

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.

DETAIL SECTION
Depth Based Data - Maximum Sampling Increment 10.0cm
Plotted on 09-JUL-2017 21:31
Filename: C:\Minimus 17.01.7206\Logs\Shake...\Shakespeare Schowalter #1-7_002 spooled section.dta
Recorded on 09-JUL-2017 21:28
System Versions: Logged with 17.01.7206 Plotted with 17.01.7206



0 75 150
150 225 300

Density Caliper
inches
6 11 16

Bit Size
inches
6 11 16

DST Uphole Tension
pounds
5000 0

Borehole
Temp in
deg F

HVI
every
10 cu ft

Annular
Integral
every
10 cu ft

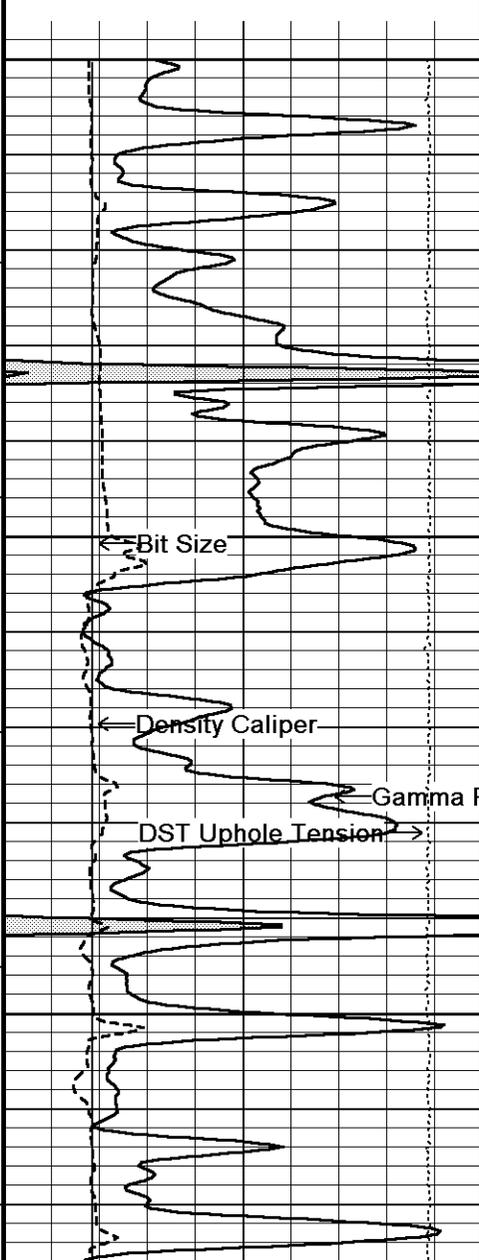
Replay
Scale
1:240

30 20 10 0 -10

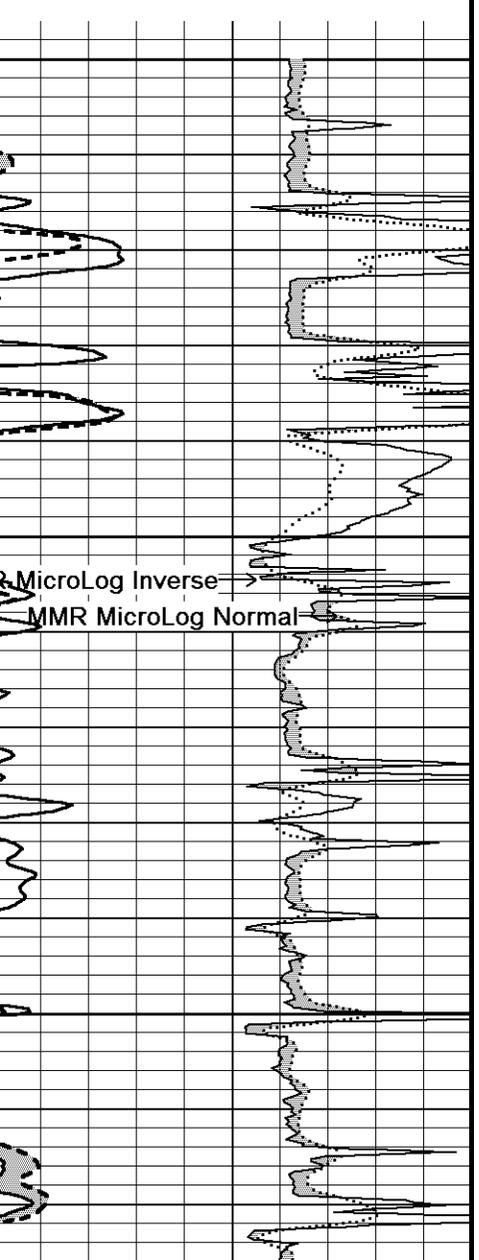
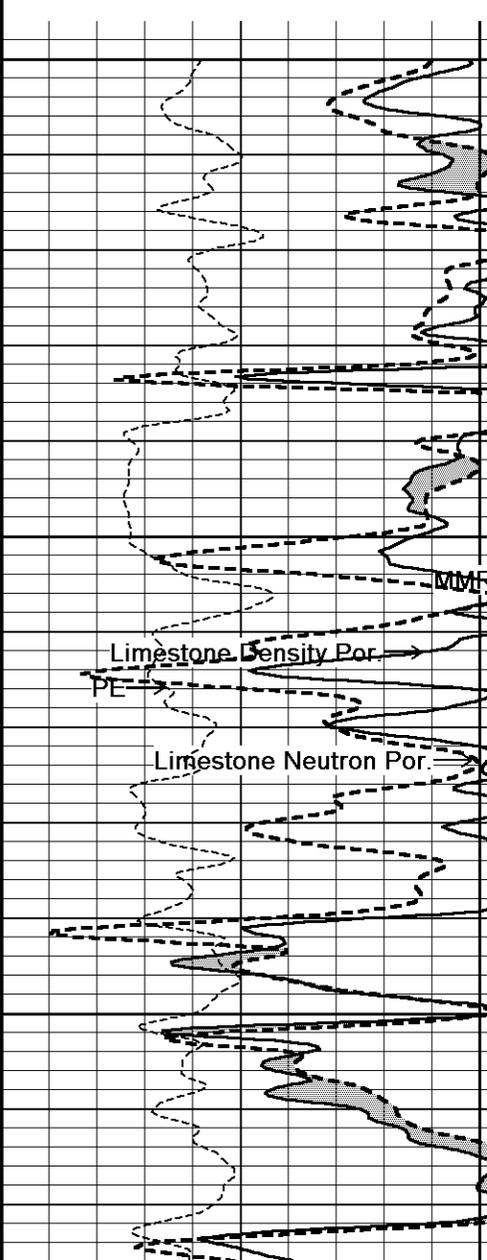
PE
barns/electron
0 5 10

MMR MicroLog Normal
ohm metres
0 20

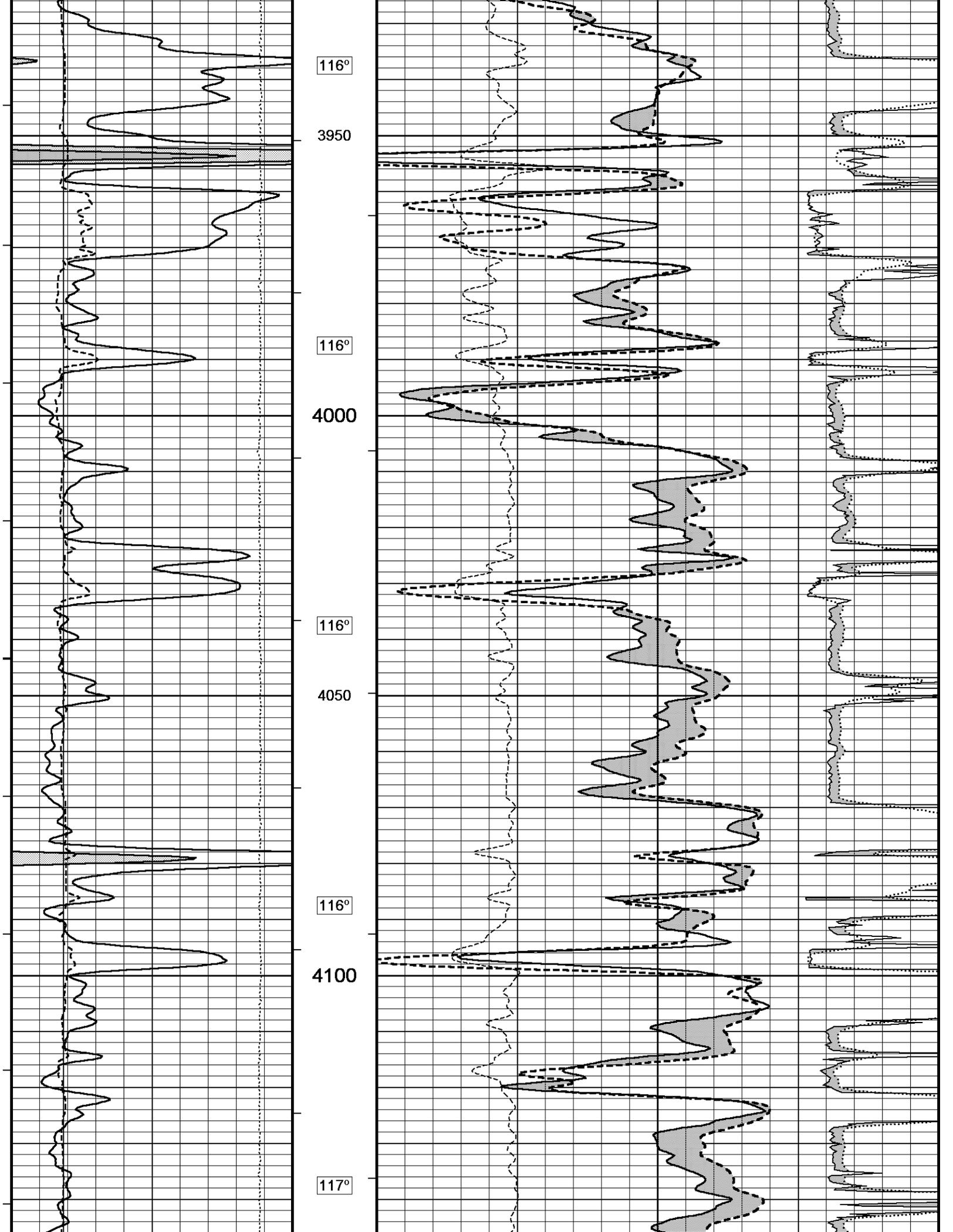
MMR MicroLog Inverse
ohm metres
0 20

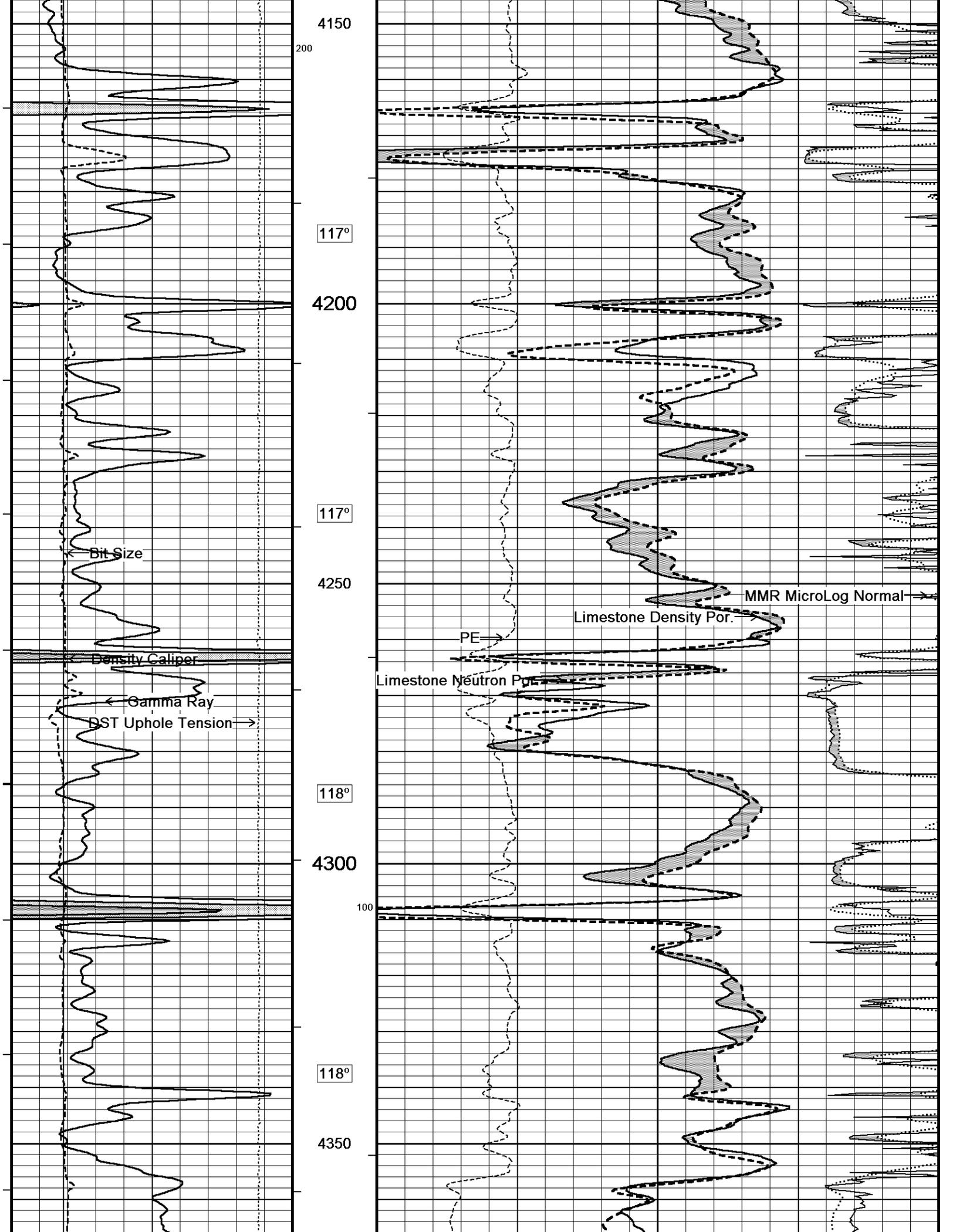


3800
115°
3850
300
200
115°
3900



MMR MicroLog Inverse
MMR MicroLog Normal
Limestone Density Por
PE
Limestone Neutron Por





4150

200

117°

4200

117°

4250

118°

4300

100

118°

4350

Bit Size

Density Caliper

Gamma Ray

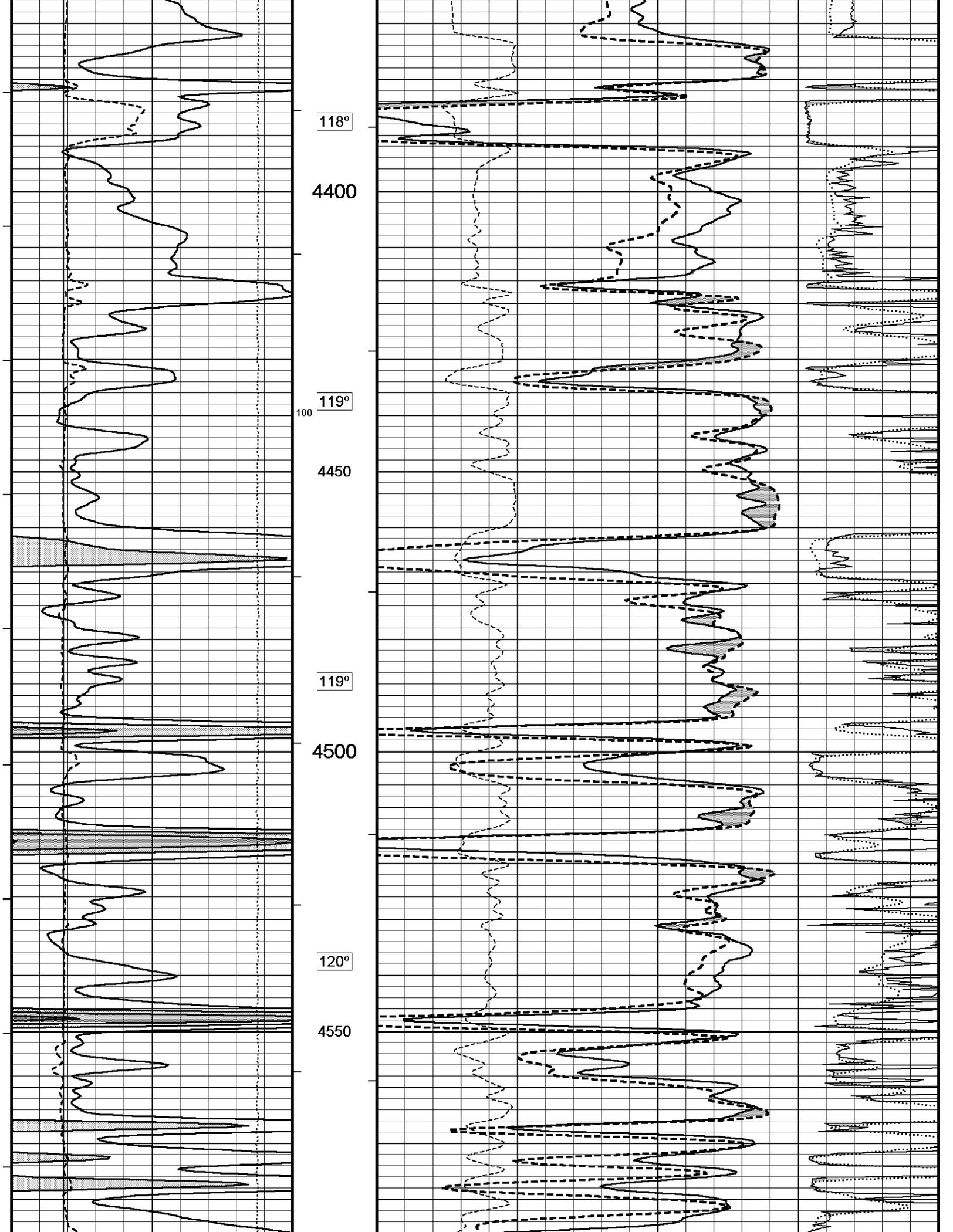
DST Uphole Tension

PE

Limestone Neutron Por.

Limestone Density Por.

MMR MicroLog Normal



DETAIL SECTION

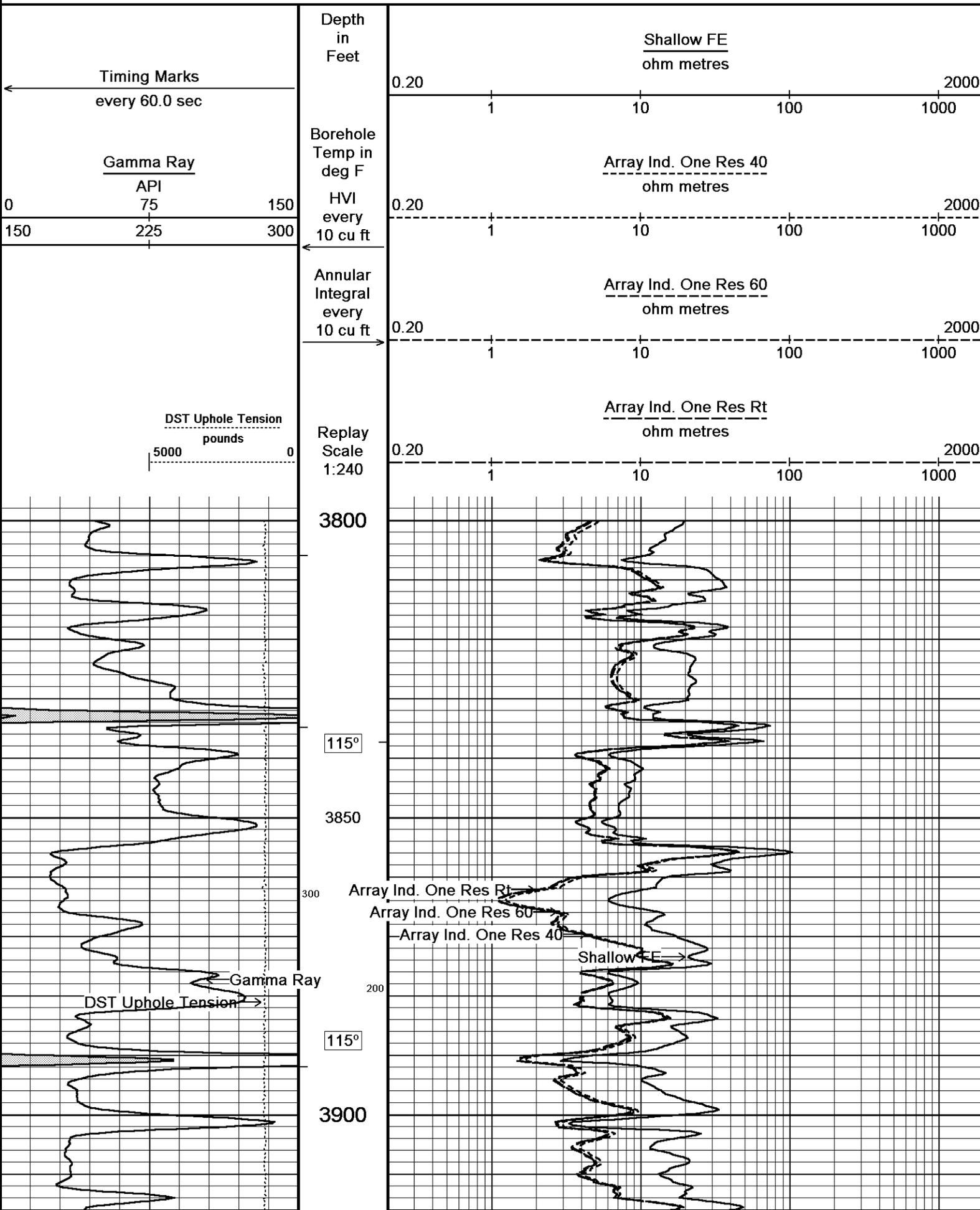
Depth Based Data - Maximum Sampling Increment 10.0cm

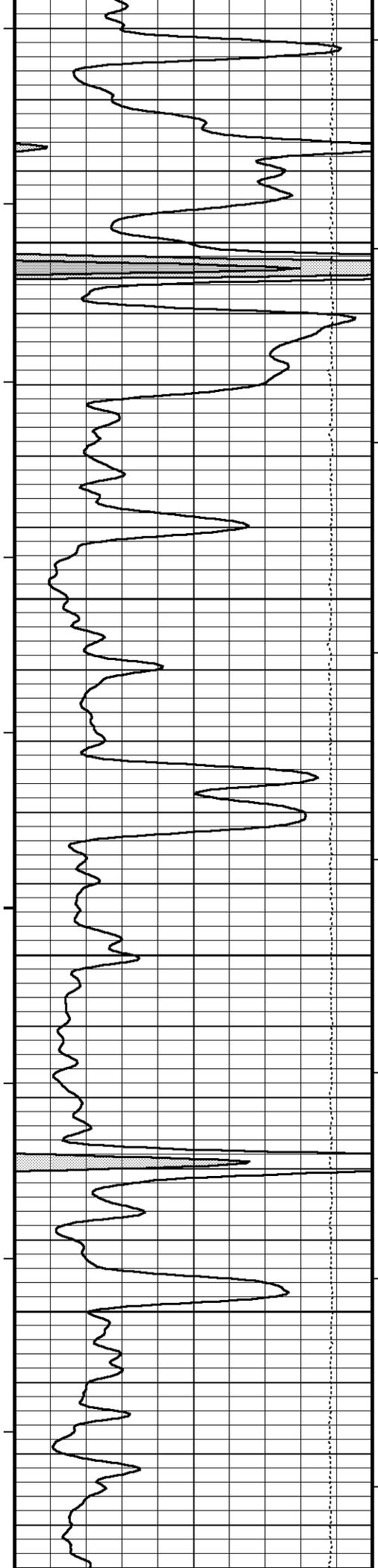
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116°

3950

116°

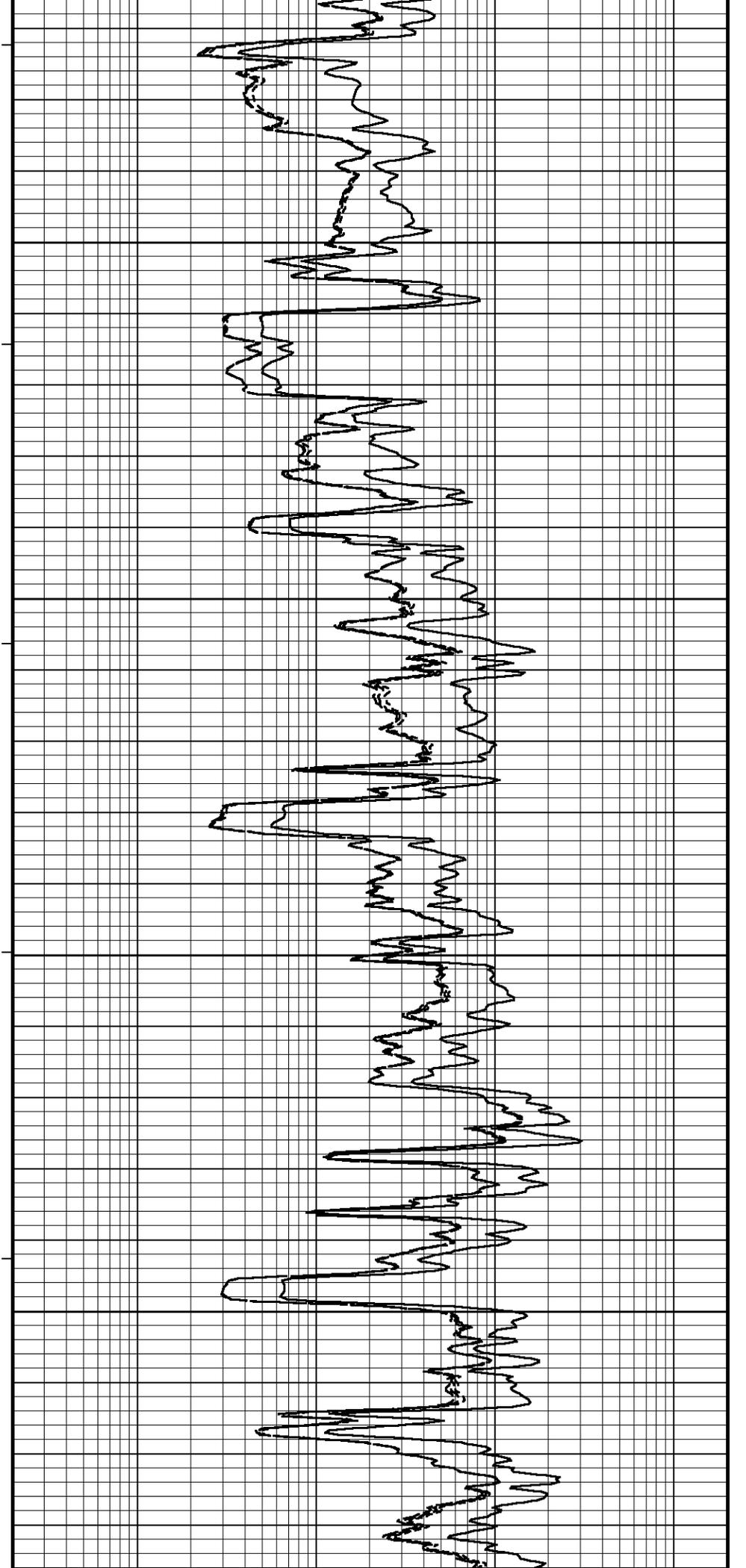
4000

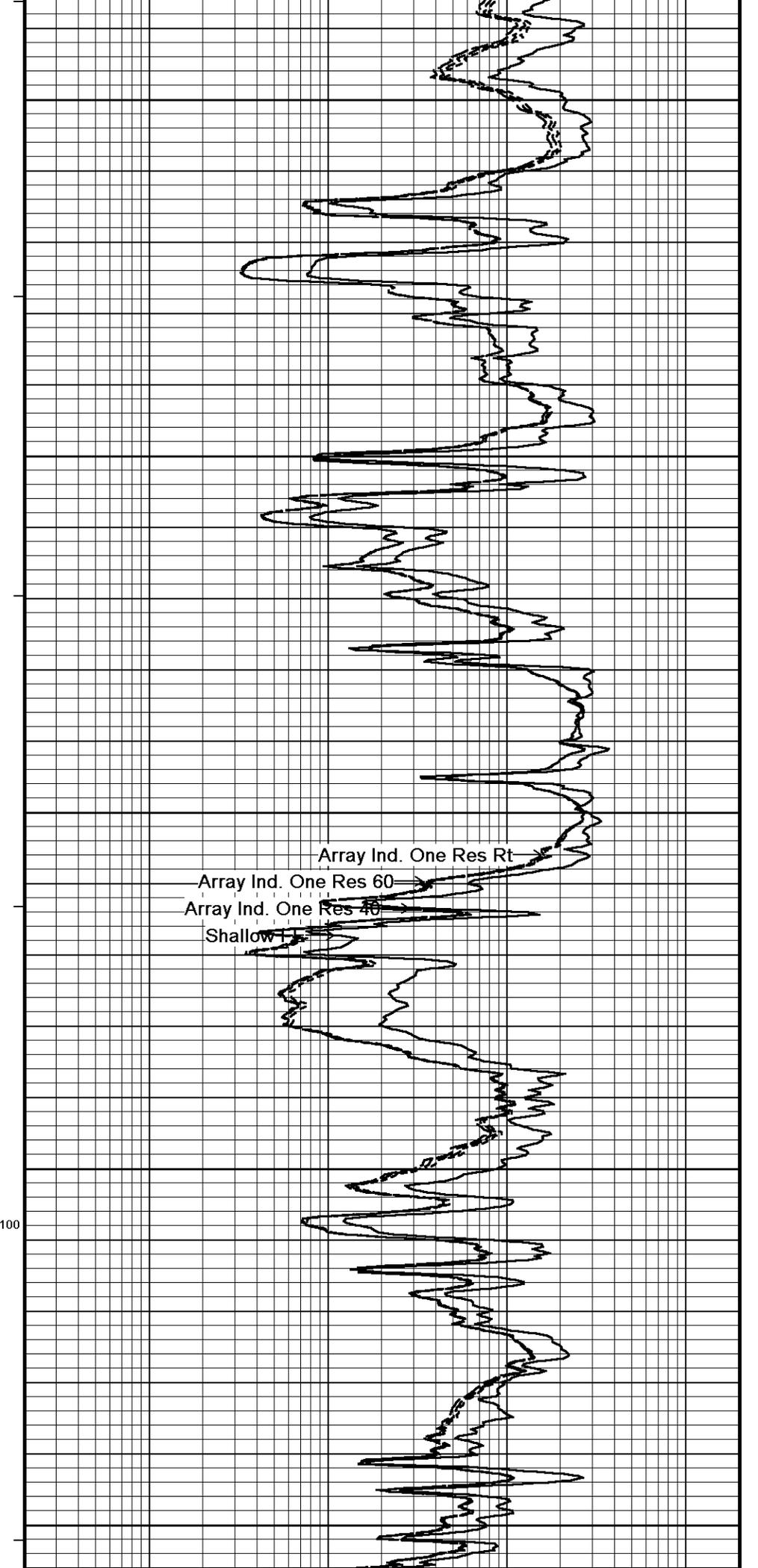
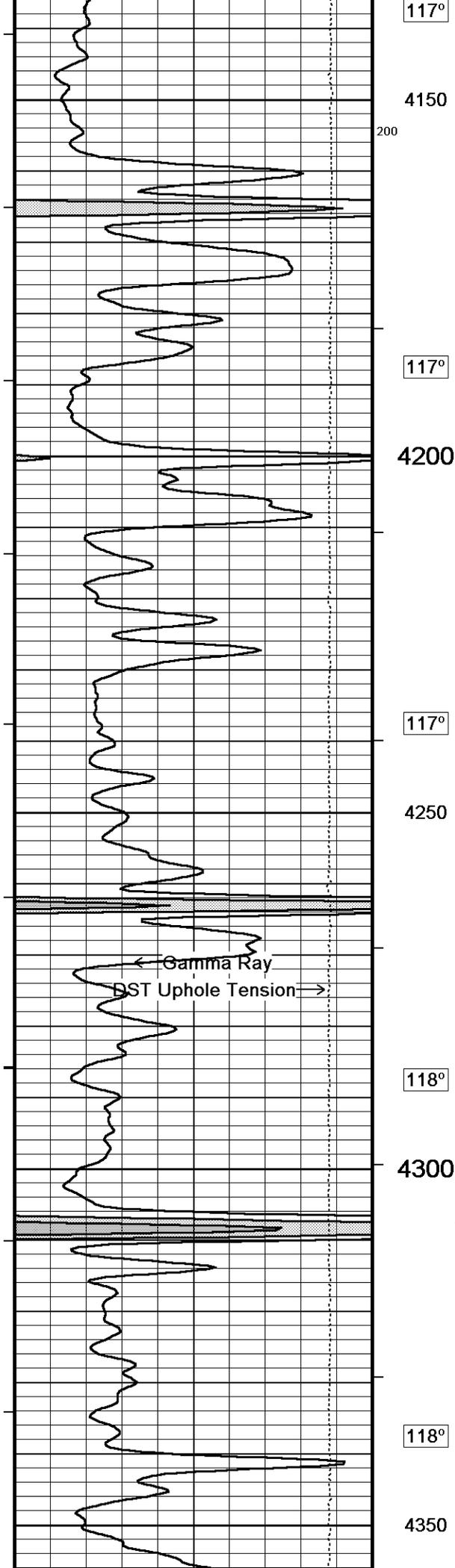
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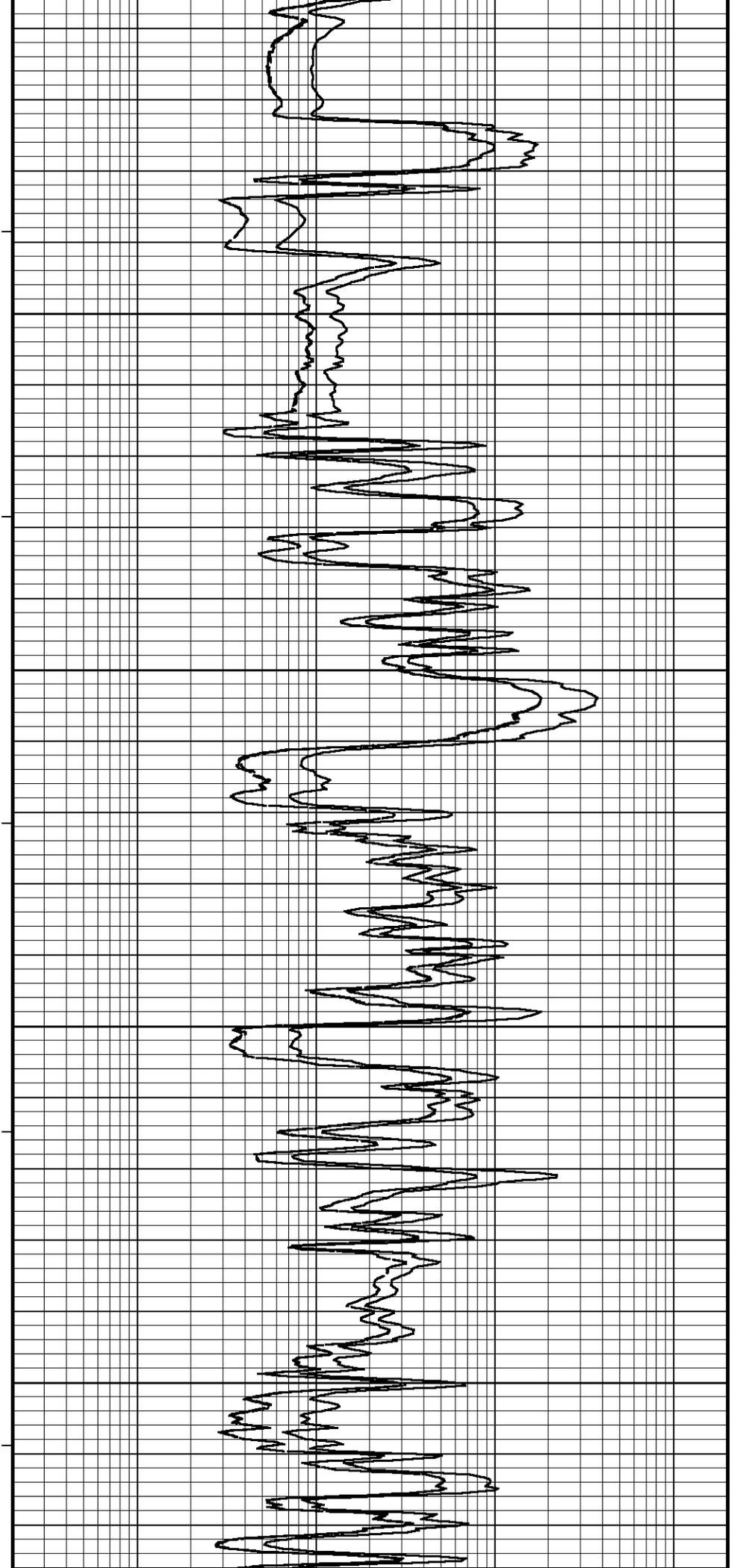
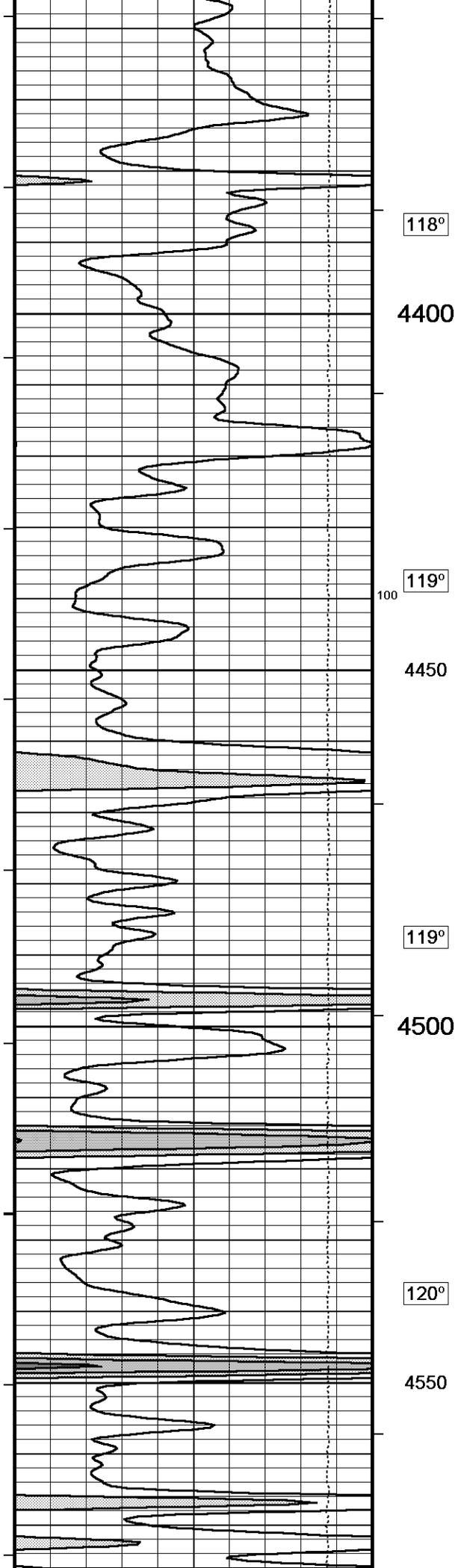
4050

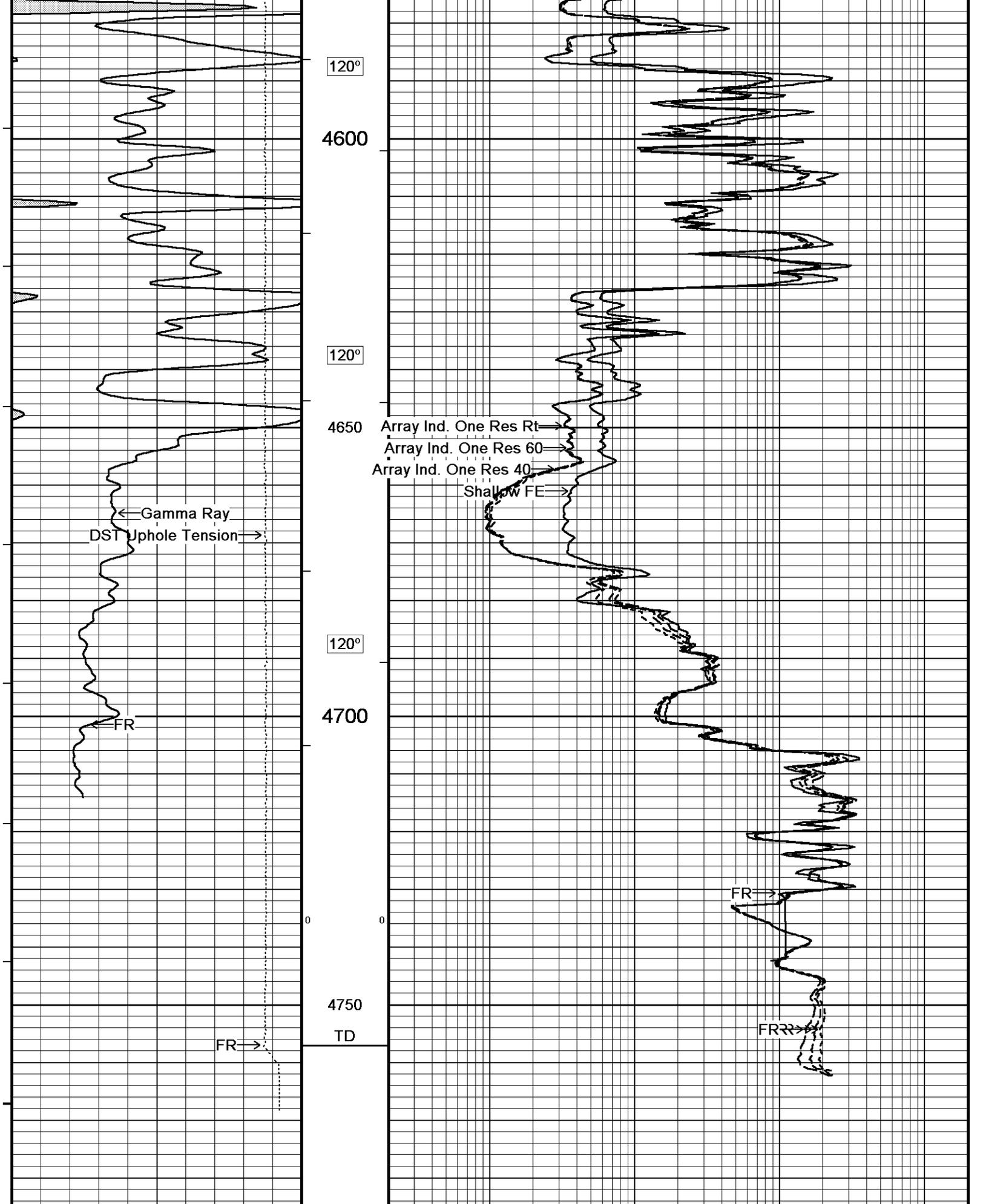
116°

4100











DETAIL SECTION



DETAIL SECTION



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← Timing Marks
every 60.0 sec

Gamma Ray
API
0 75 150
150 225 300

Bit Size
inches
6 11 16

MML Caliper
inches
6 11 16

DST Uphole Tension
pounds
5000 0

Depth
in
Feet

Borehole
Temp in
deg F

HVI
every
10 cu ft

← Annular
Integral
every
10 cu ft →

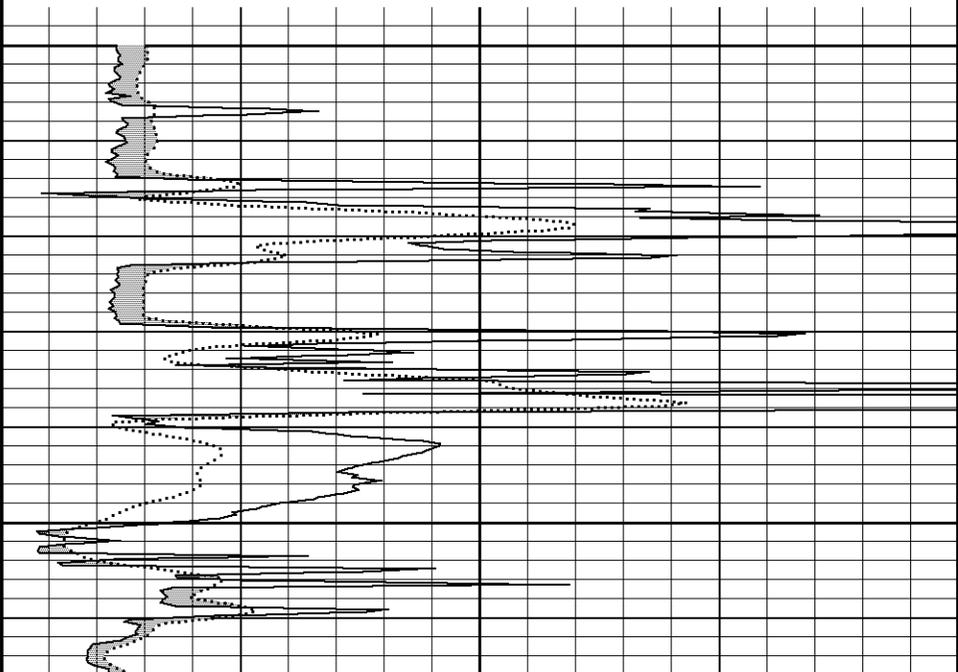
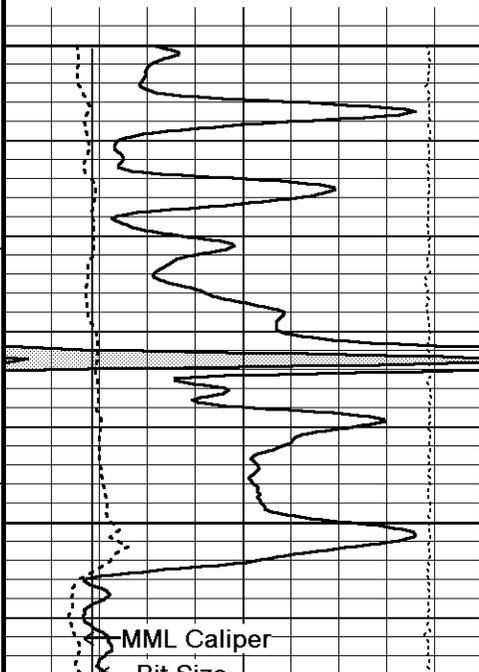
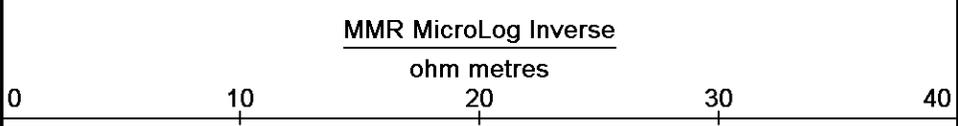
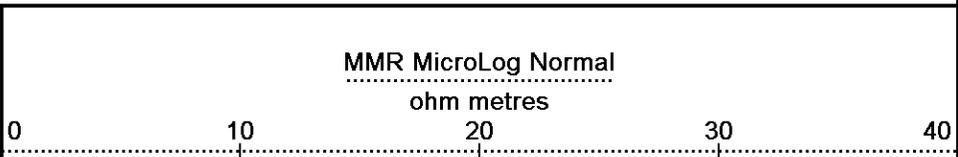
Replay
Scale
1:240

3800

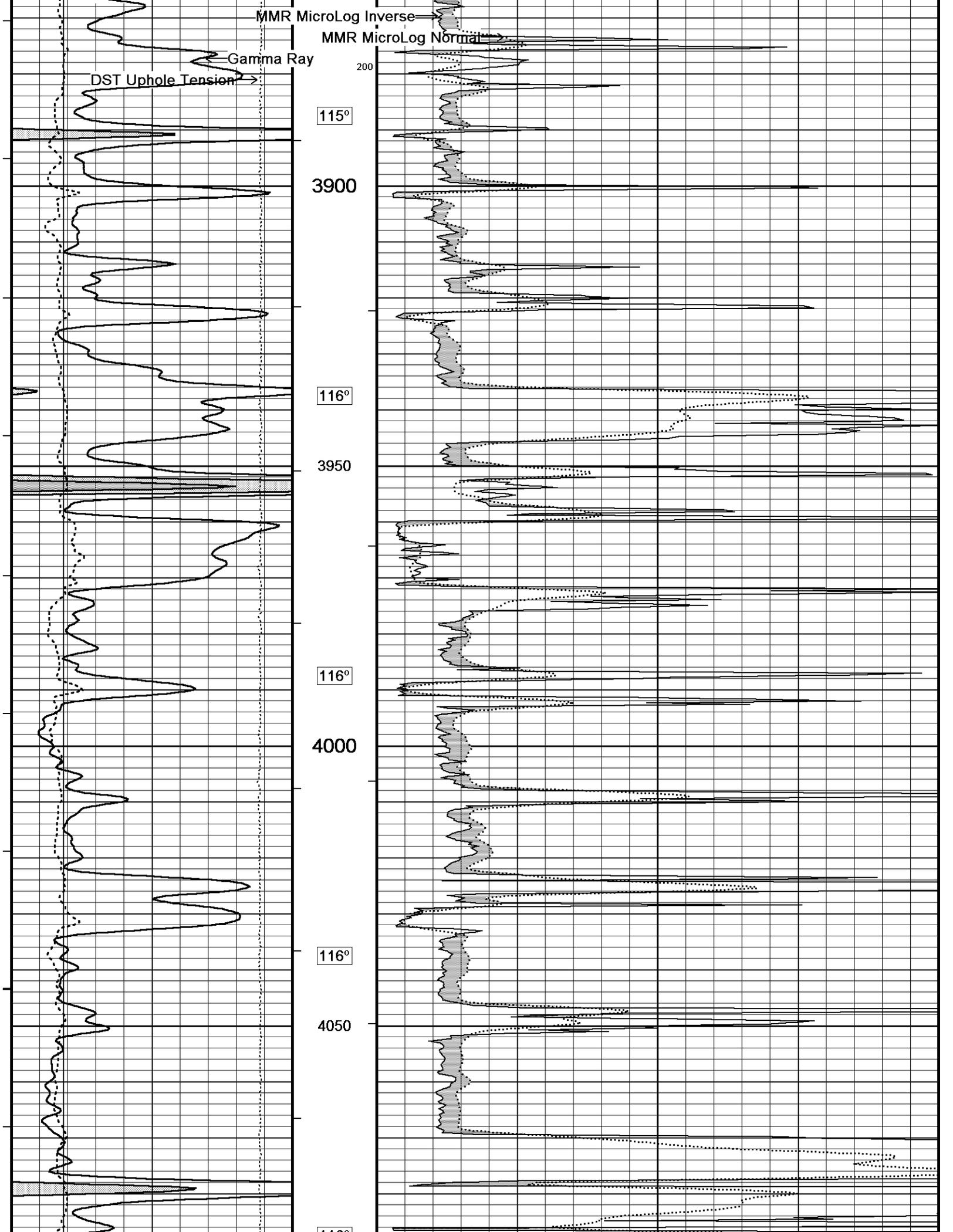
115°

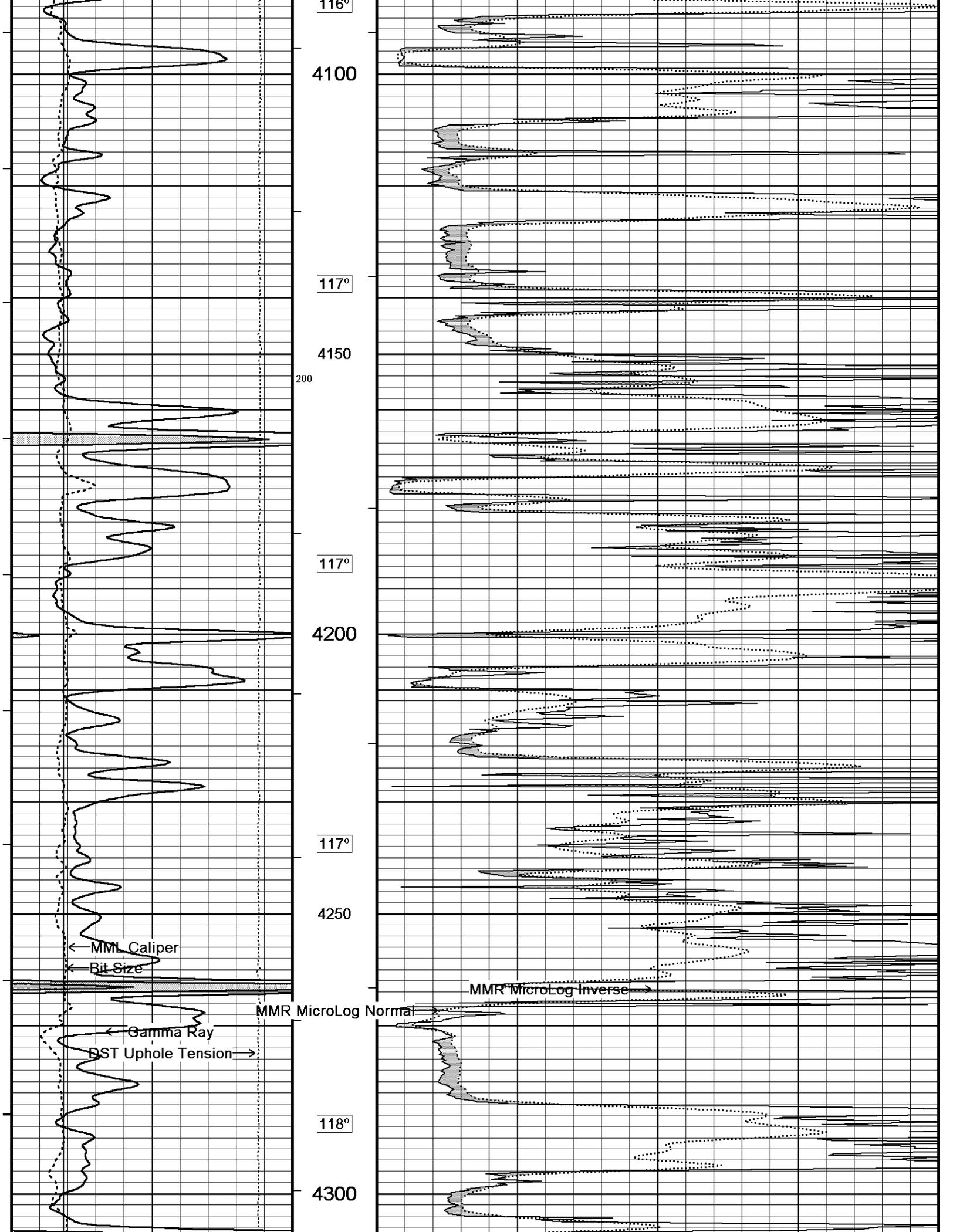
3850

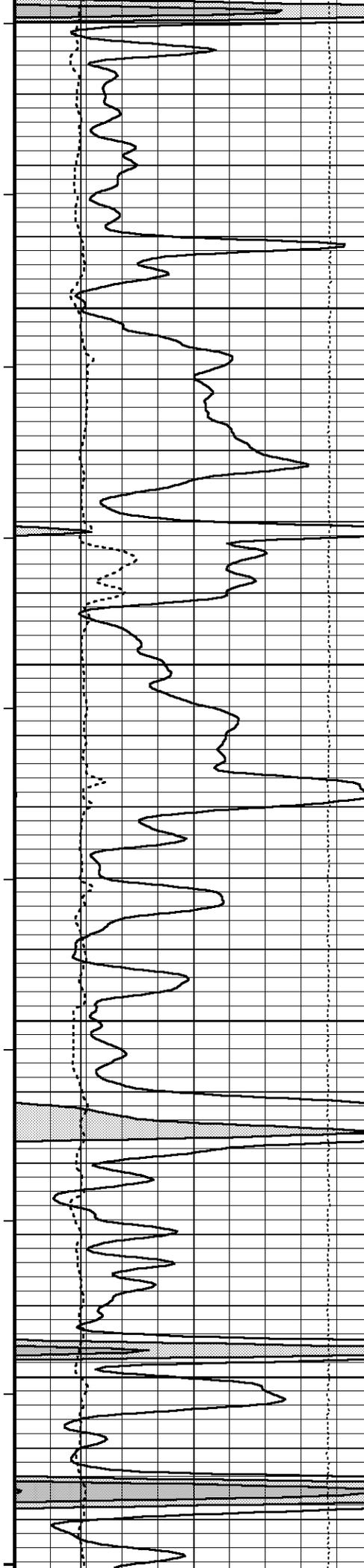
300



MML Caliper
Bit Size







118°

4350

118°

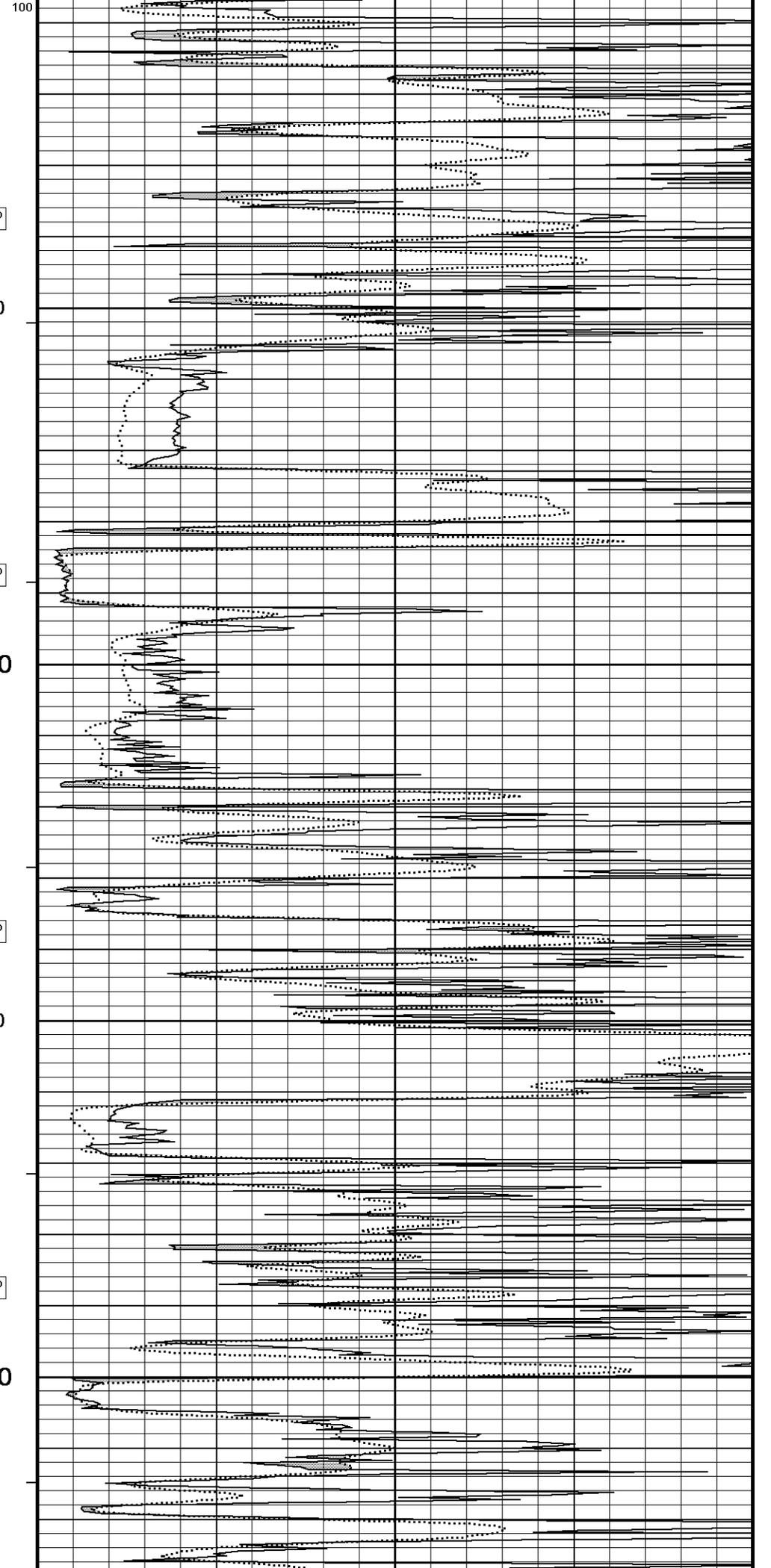
4400

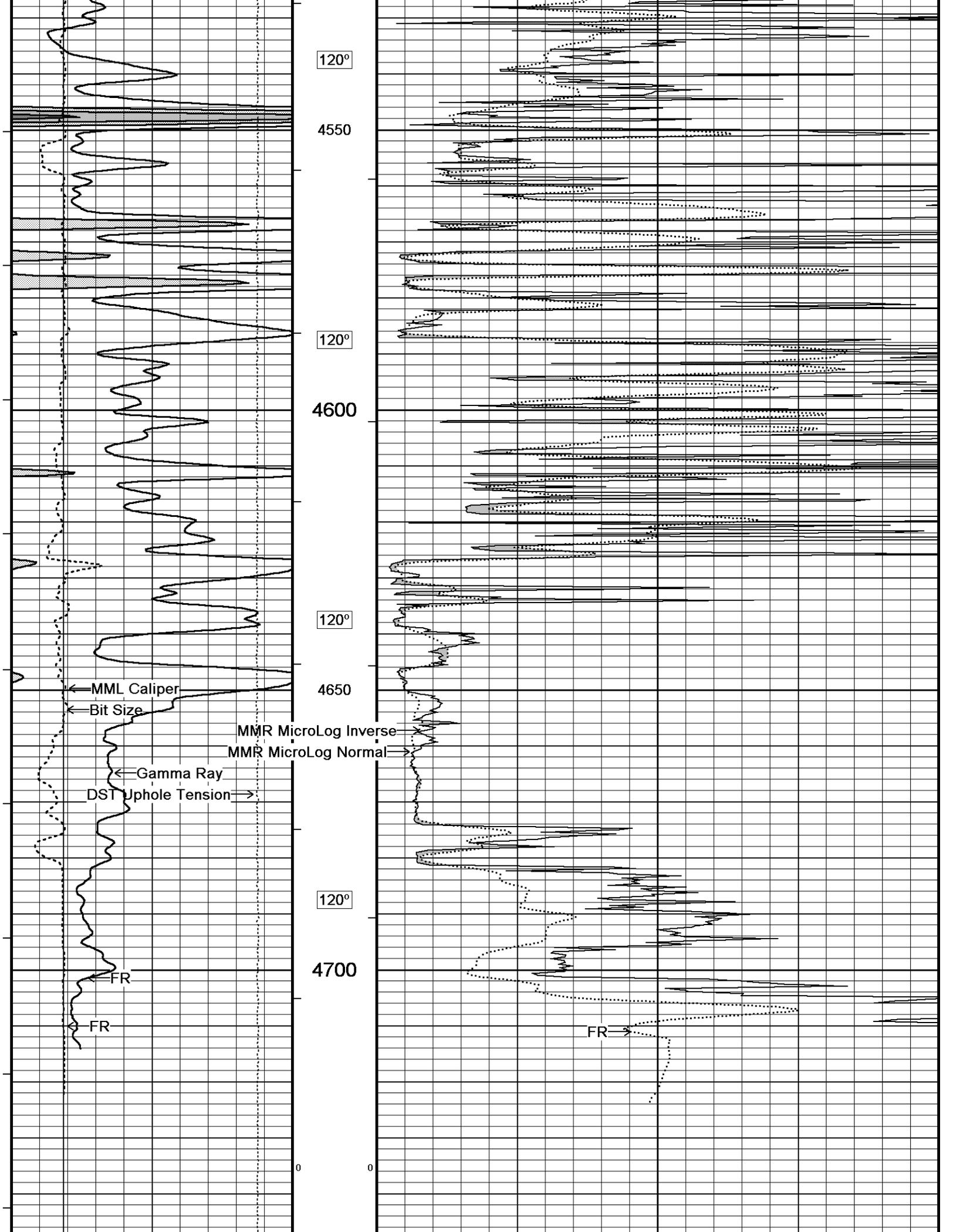
119°

4450

119°

4500





120°

4550

120°

4600

120°

4650

120°

4700

0

← MML Caliper

← Bit Size

← Gamma Ray

DST Uphole Tension →

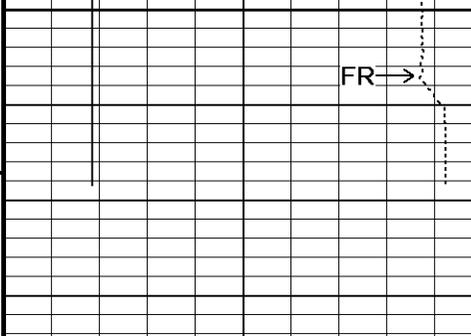
MMR MicroLog Inverse

MMR MicroLog Normal →

FR

FR

FR →



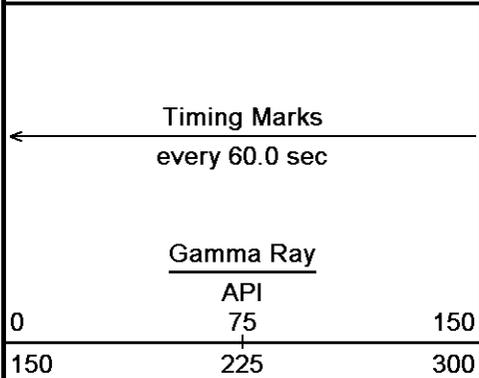
4750

TD

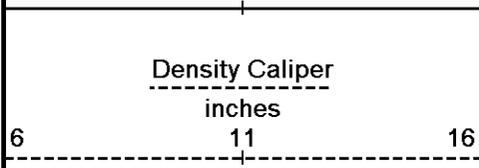
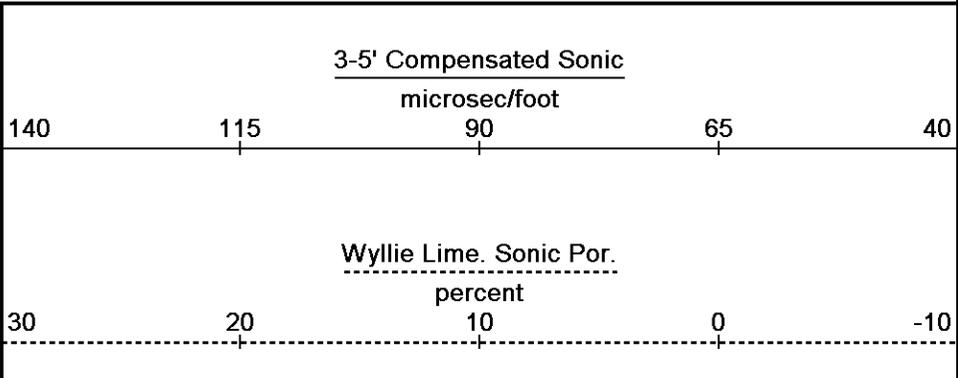
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↑ **DETAIL SECTION** ↑

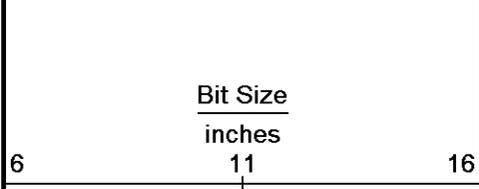
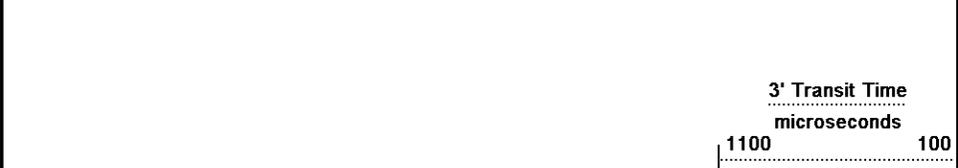
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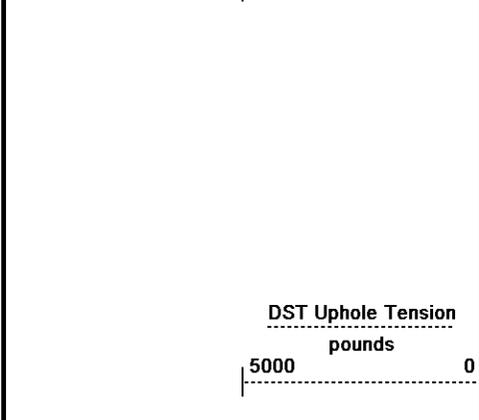
Depth in Feet



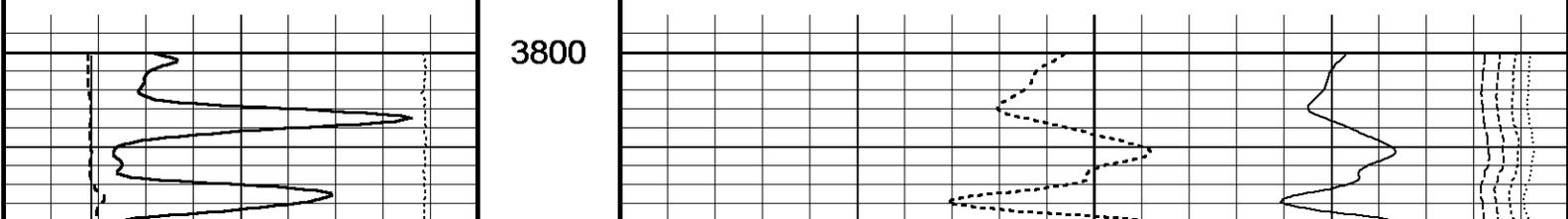
Borehole Temp in deg F

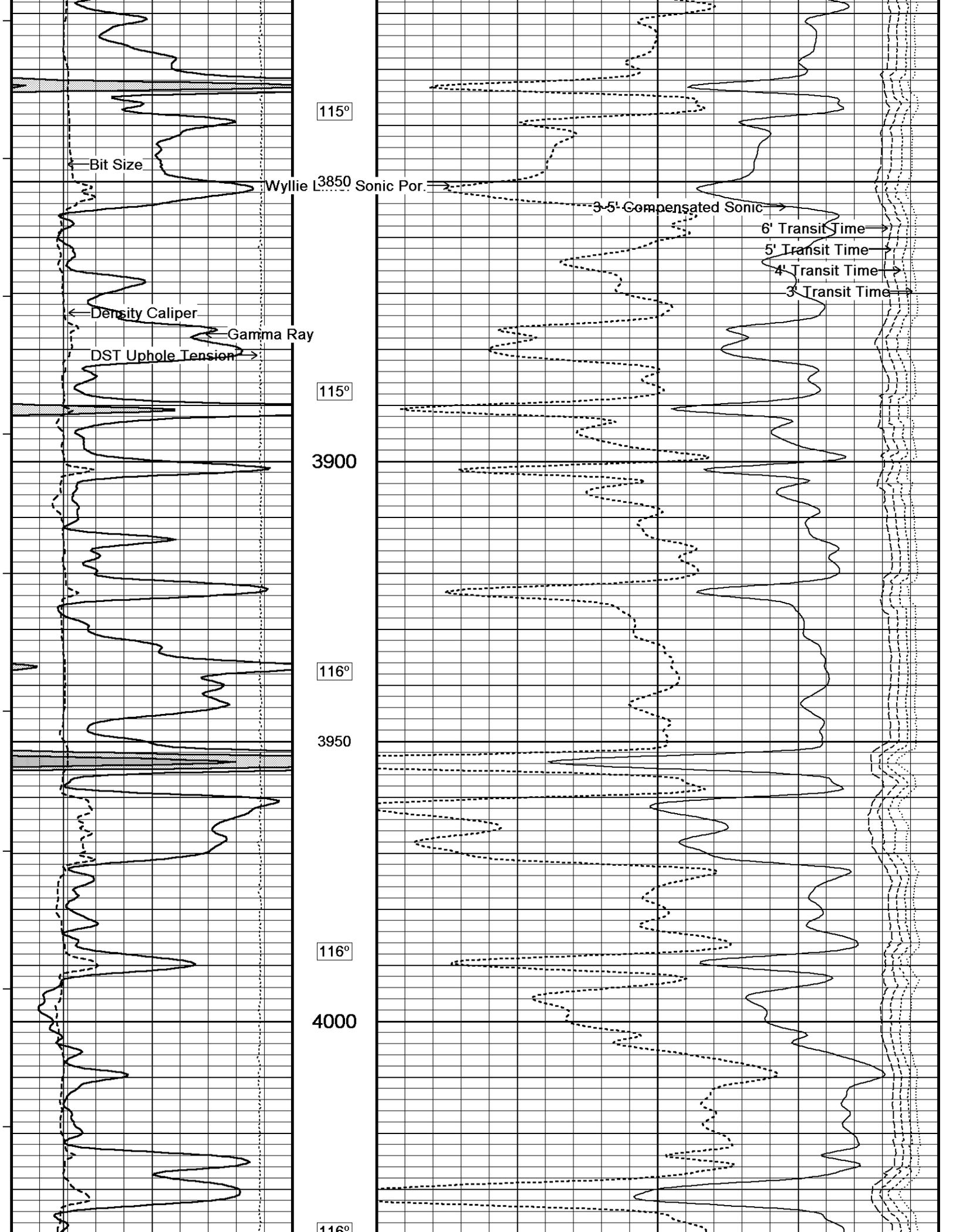


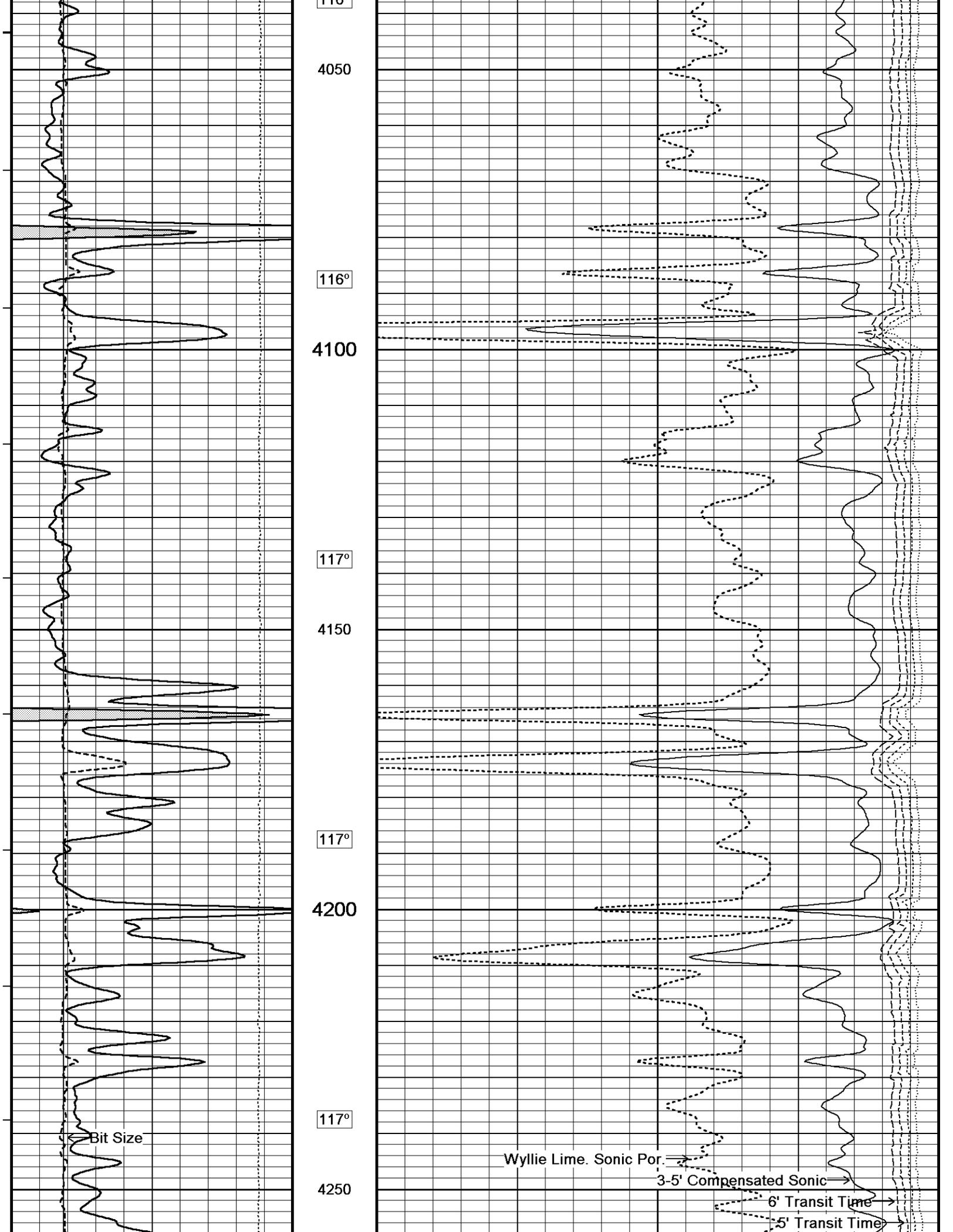
Replay Scale 1:240



3800







115

4050

116°

4100

117°

4150

117°

4200

117°

4250

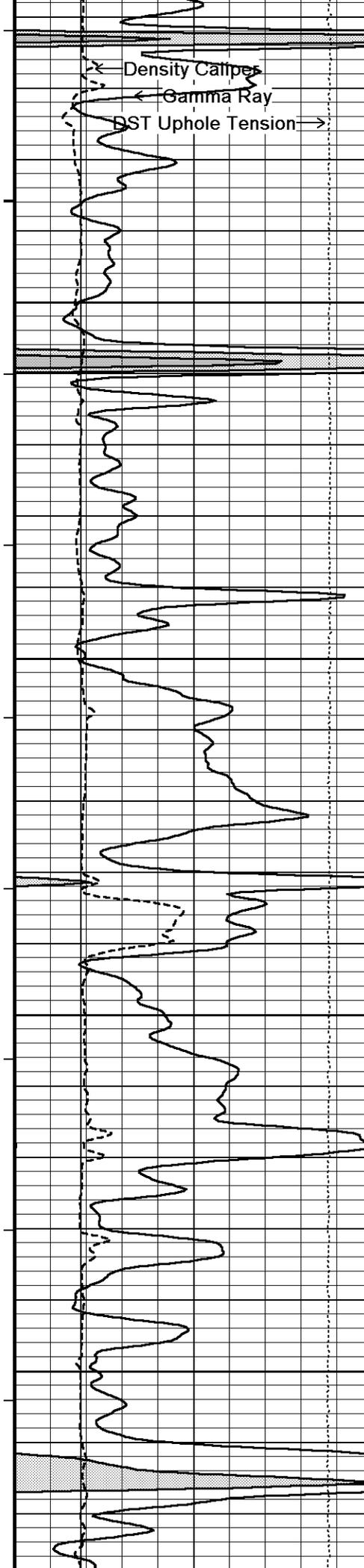
Bit Size

Wyllie Lime. Sonic Por.

3-5' Compensated Sonic

6' Transit Time

5' Transit Time



118°

4300

118°

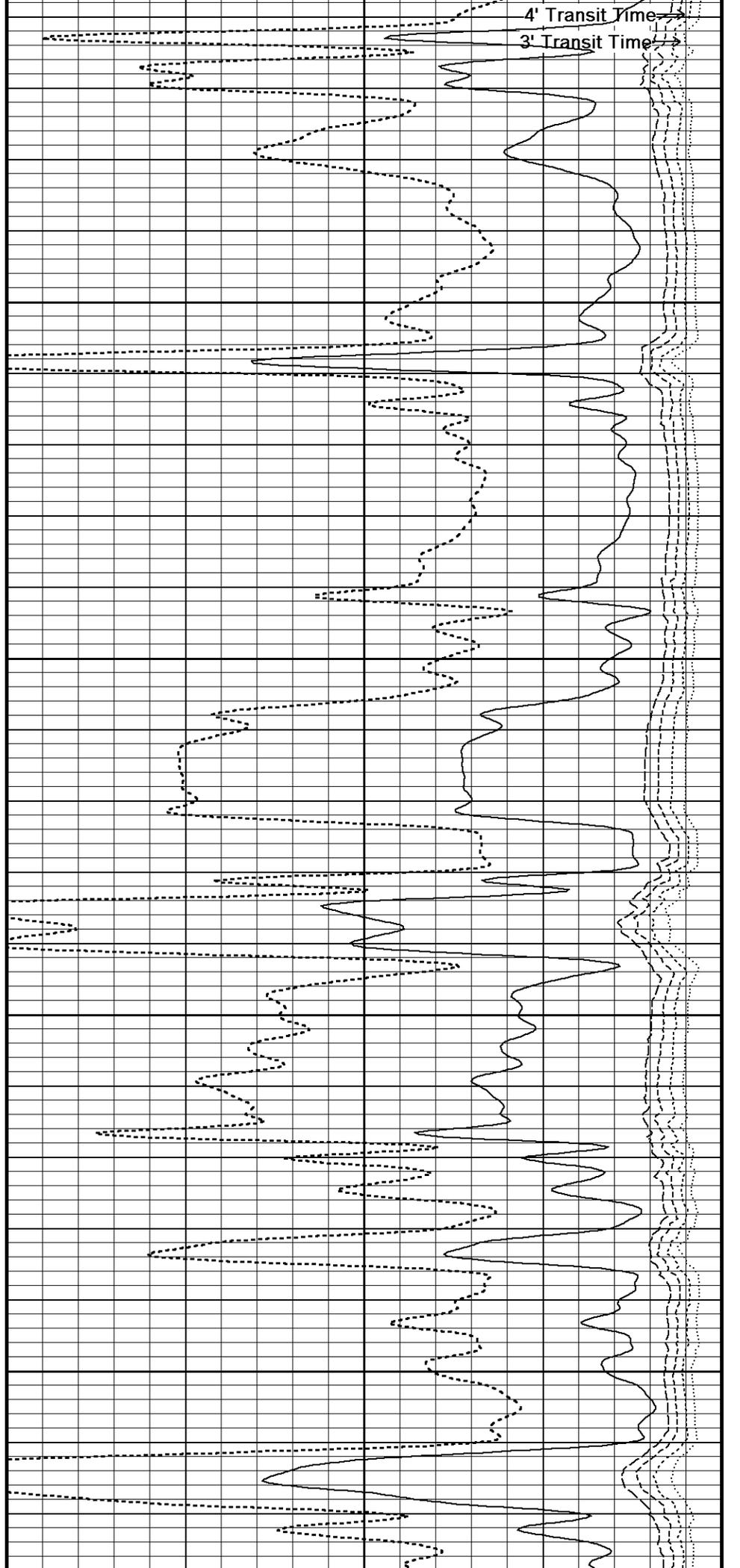
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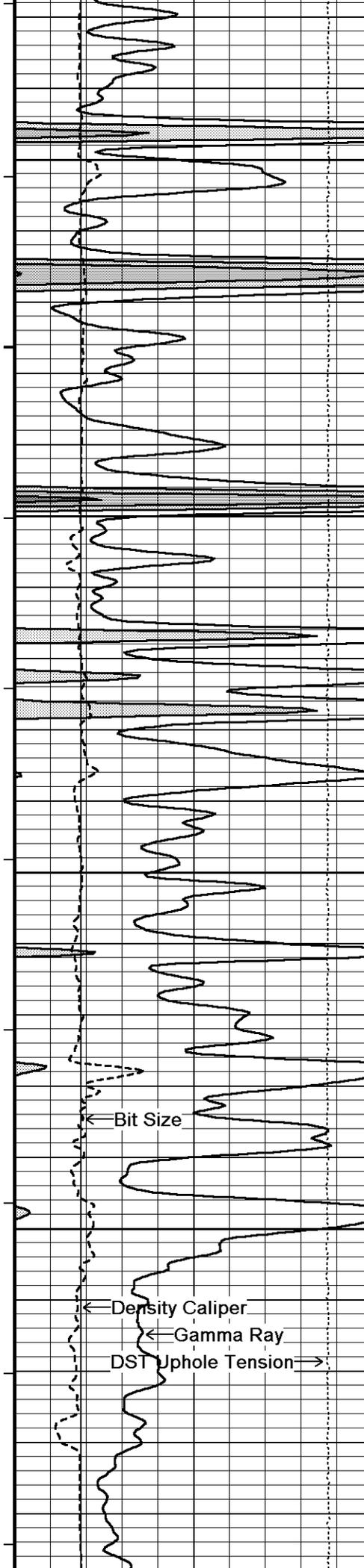
118°

4400

119°

4450





119°

4500

120°

4550

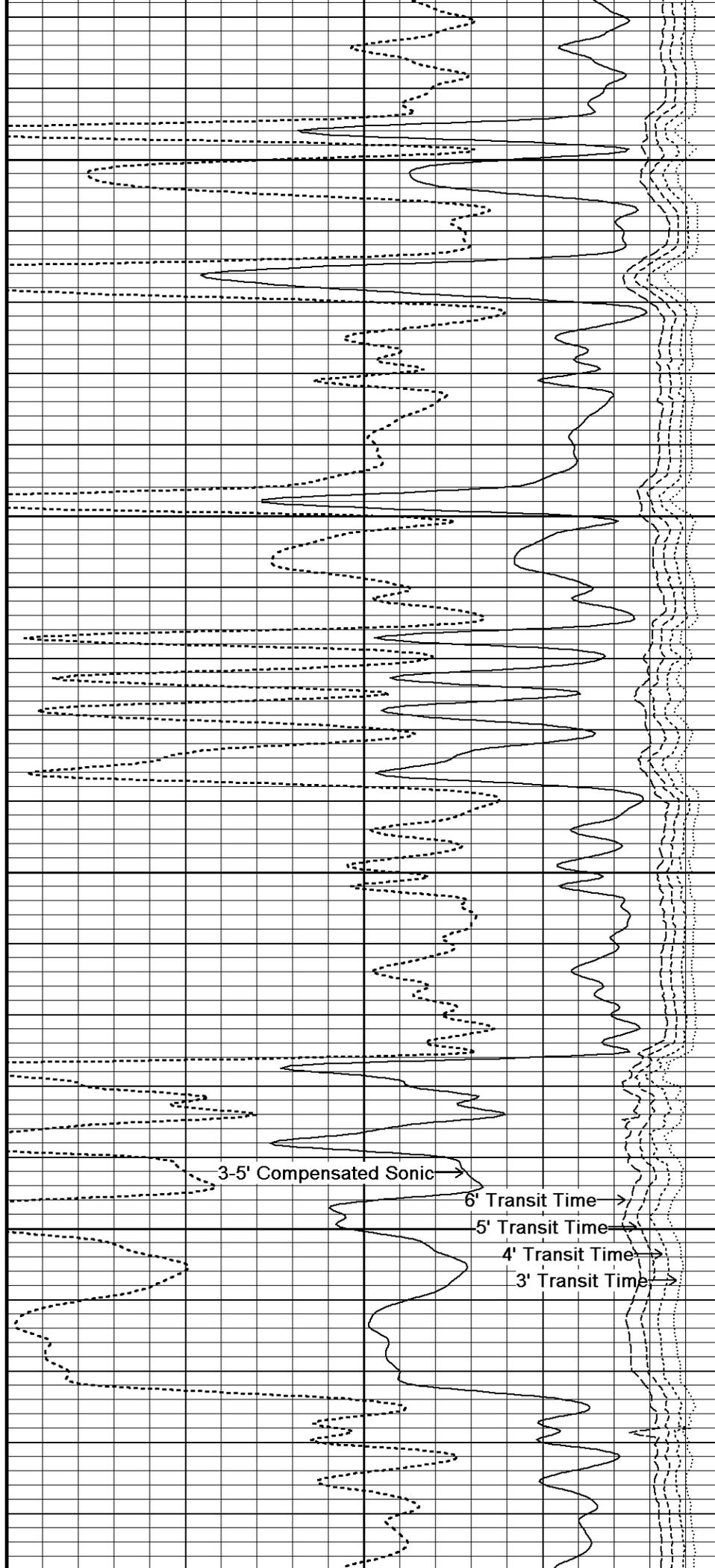
120°

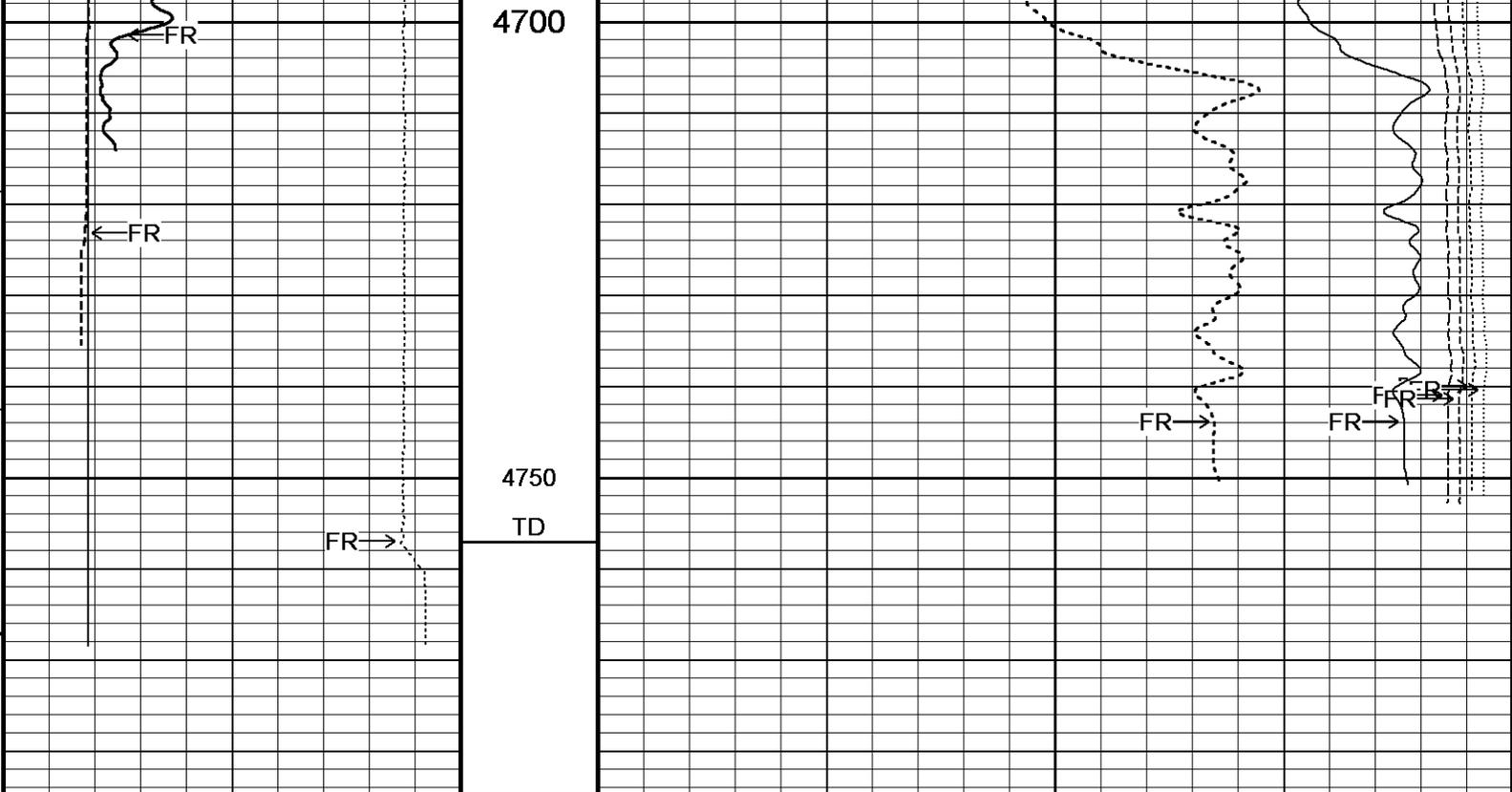
4600

120°

4650

120°





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