



Weatherford[®]

**SHALLOW FOCUSED
ARRAY INDUCTION
ELECTRIC LOG**

COMPANY	CMX, INC.		
WELL	CLAFILIN 1-35		
FIELD	KRAFT - PRUSA		
PROVINCE/COUNTY	BARTON		
COUNTRY/STATE	U.S.A. / KANSAS		
LOCATION	2480' FNL & 1180' FWL		
SEC 35	TWP 16S	RGE 11W	Other Services
Latitude	MPD/MDN		MSS
Longitude	MML		
API Number	15-009-26069		
Permanent Datum GL, Elevation	1931 feet		Elevations: KB 1939.00 DF 1937.00 GL 1931.00
Log Measured From	KB		
Drilling Measured From	KB @ 8 FEET		
Date	15-DEC-2014		
Run Number	ONE		
Service Order	7606-105777345		
Depth Driller	3383.00	feet	
Depth Logger	3382.00	feet	
First Reading	3378.66	feet	
Last Reading	472.00	feet	
Casing Driller	475.00	feet	
Casing Logger	472.00	feet	
Bit Size	7.875	inches	
Hole Fluid Type	WBM		
Density / Viscosity	9.10 lb/USg	48.00 CP	
PH / Fluid Loss	10.00	7.50 ml/30Min	
Sample Source	MUD PIT		
Rm @ Measured Temp	0.50 @ 75.0	ohm-m	
Rmf @ Measured Temp	0.40 @ 75.0	ohm-m	
Rmc @ Measured Temp	0.60 @ 75.0	ohm-m	
Source Rmf / Rmc	CALC	CALC	
Rm @ BHT	0.37 @104.0	ohm-m	
Time Since Circulation	6 HOURS		
Max Recorded Temp	104.00	deg F	
Equipment / Base	13057	LIB	
Recorded By	BEN WELDIN		
Witnessed By	KEN LEBLANC		
JOB #	LB14-380		

BOREHOLE RECORD

Last Edited: 15-DEC-2014 04:35

Bit Size inches	Depth From feet	Depth To feet
7.875	472.00	3382.00

CASING RECORD

Type	Size inches	Depth From feet	Shoe Depth feet	Weight pounds/ft
SURFACE	8.625	0.00	472.00	24.00

REMARKS

- SOFTWARE ISSUE: WLS 14.05.5331
- RUN ONE: MCG, MML, MDN, MPD, MFE, MSS, MAI RUN IN COMBINATION.
 - HARDWARE: DUAL BOWSPRING USED ON MDN.
 - 0.5 INCH STANDOFF USED ON MFE.
 - TWO 0.5 INCH STANDOFFS USED ON MSS.
 - 0.5 INCH STANDOFF USED ON MAI.
- RUN TWO: MCG, MML, MDN, MPD RUN IN COMBINATION.
 - HARDWARE: DUAL BOWSPRING USED ON MDN.
- RUN THREE: MCG
- 2.71 G/CC LIMESTONE DENSITY MATRIX USED TO CALCULATE POROSITY.
- BOREHOLE RUGOSITY, TIGHT PULLS, AND WASHOUTS WILL AFFECT DATA QUALITY.
- ALL INTERVALS LOGGED AND SCALED PER CUSTOMER'S REQUEST

ALL INTERVALS LOGGED AND CORRECTED FOR CUSTOMER REQUEST.

- TOTAL HOLE VOLUME FROM TD TO SURFACE CASING: 1190 CU.FT

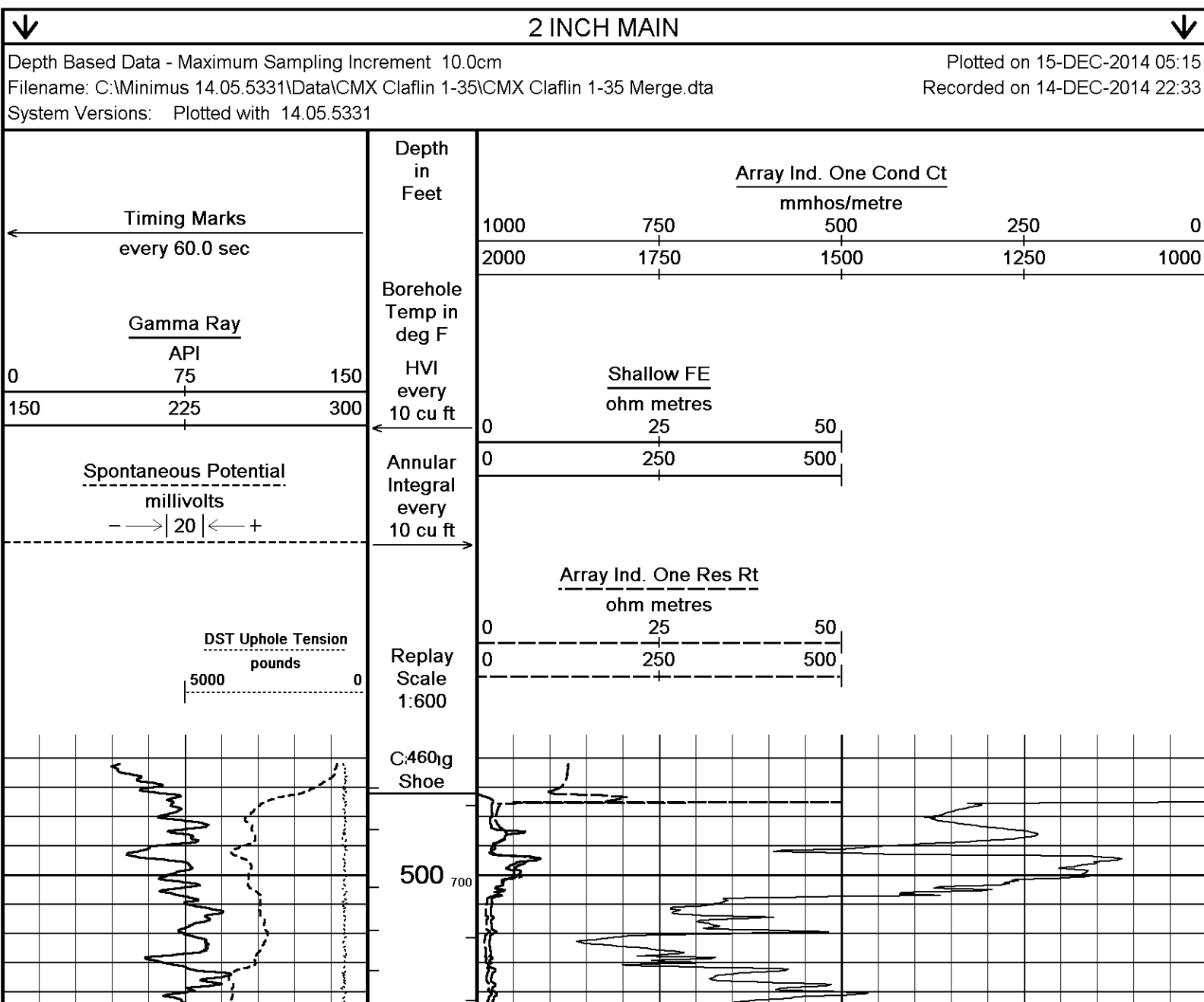
- ANNULAR HOLE VOLUME WITH 5.5 INCH PRODUCTION CASING FROM TD TO SURFACE CASE: 710 CU.FT.

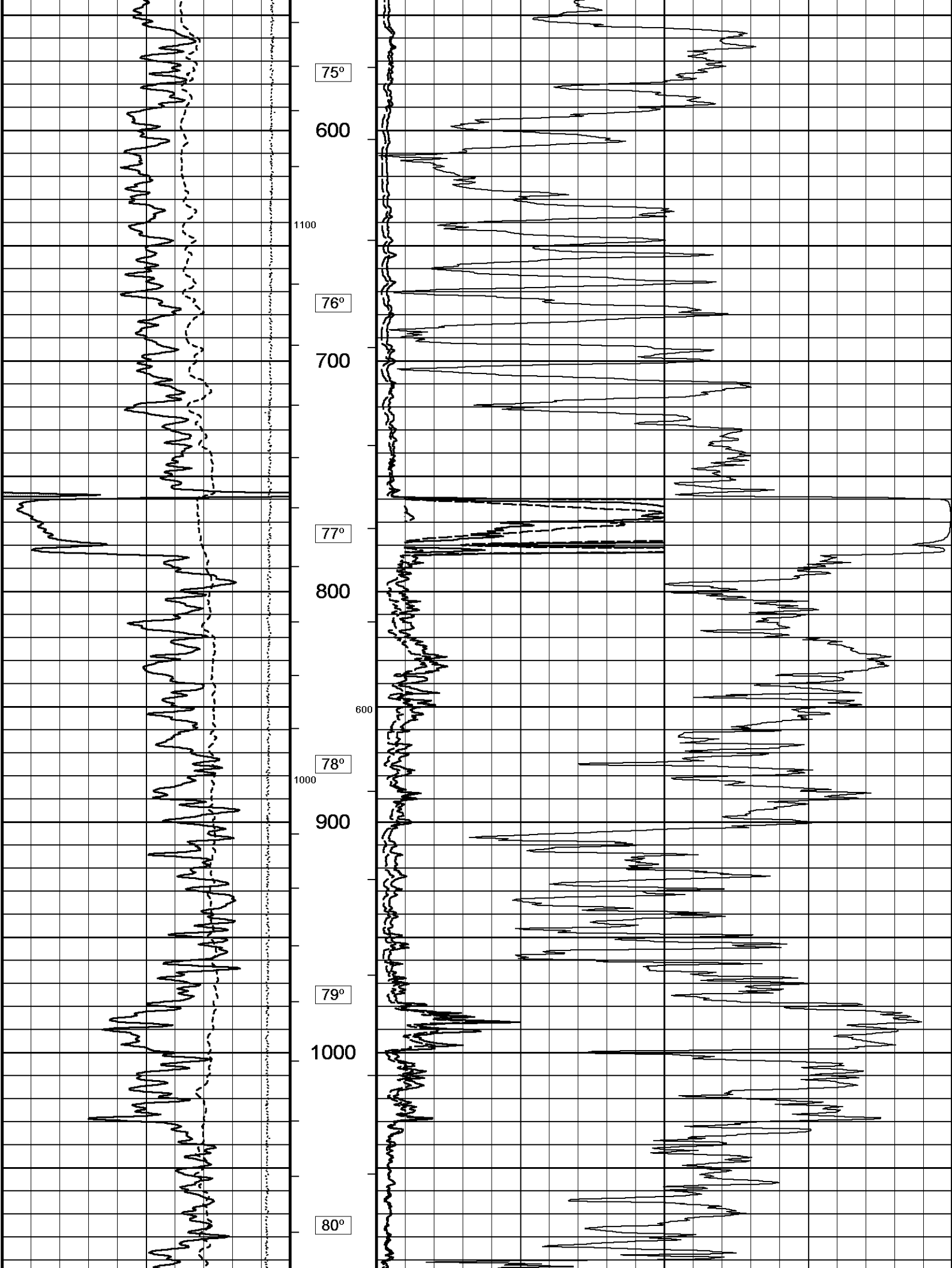
- RIG: DUKE DRILLING RIG #2

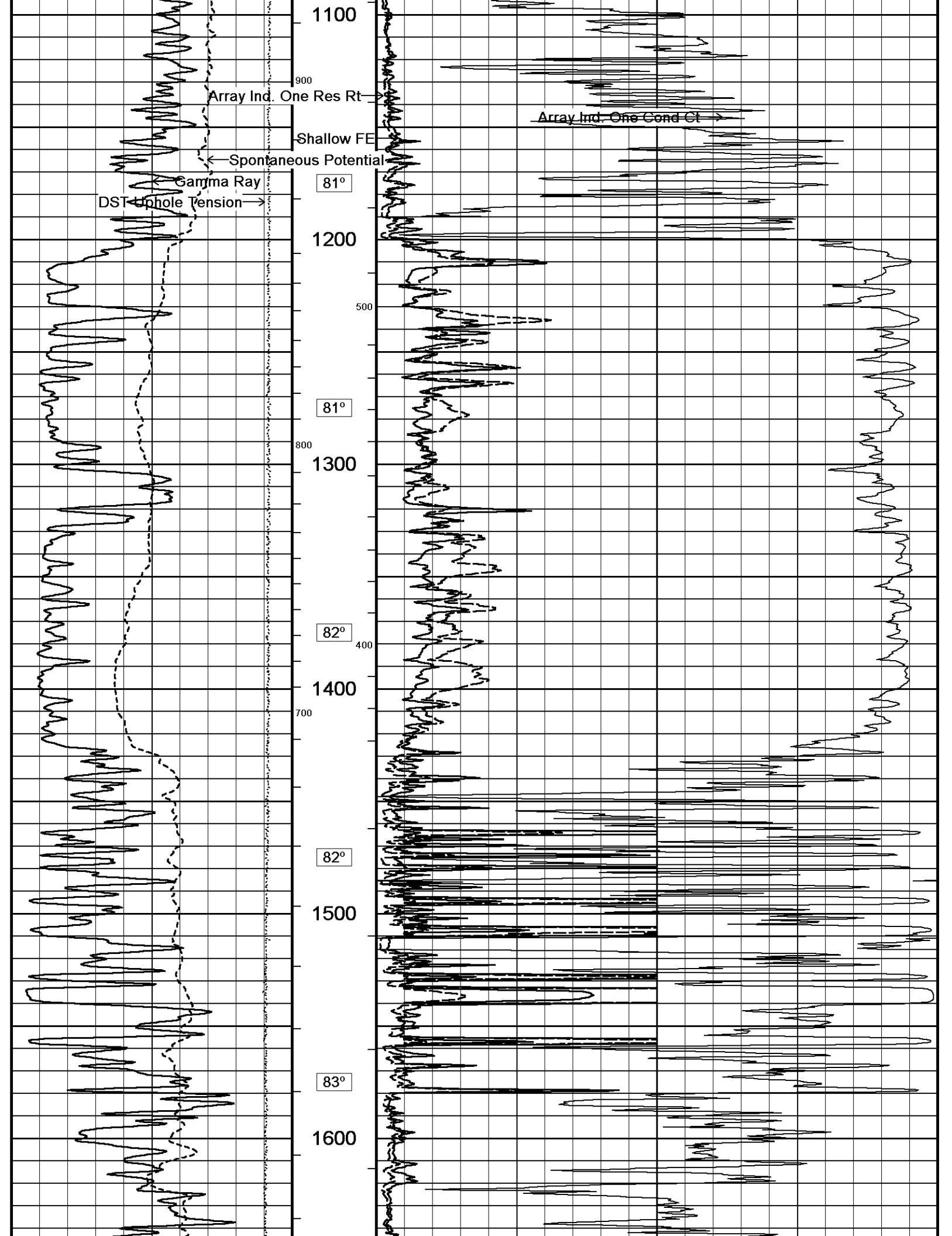
- ENGINEER: BEN WELDIN

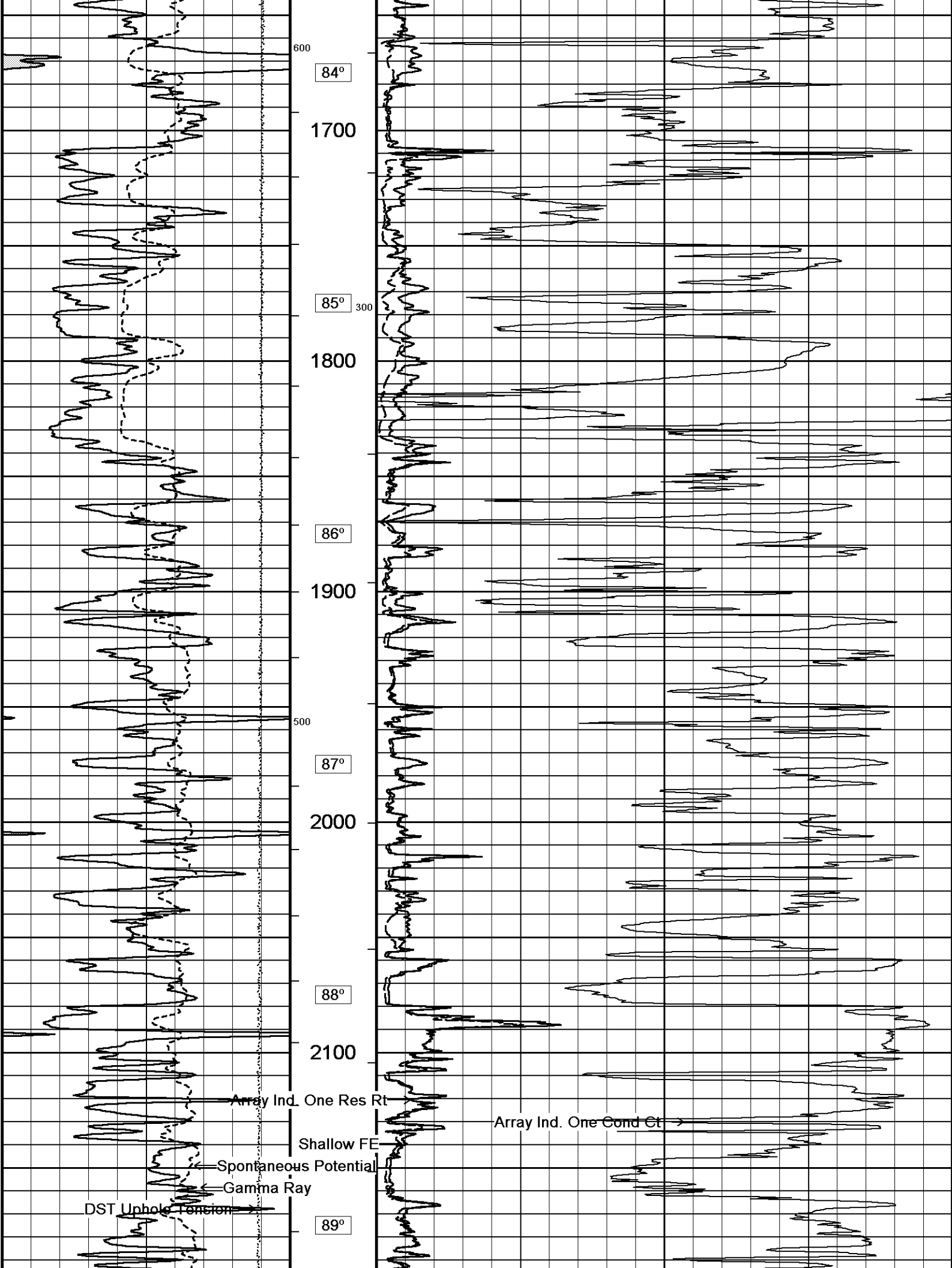
- OPERATOR: NICK ADAME

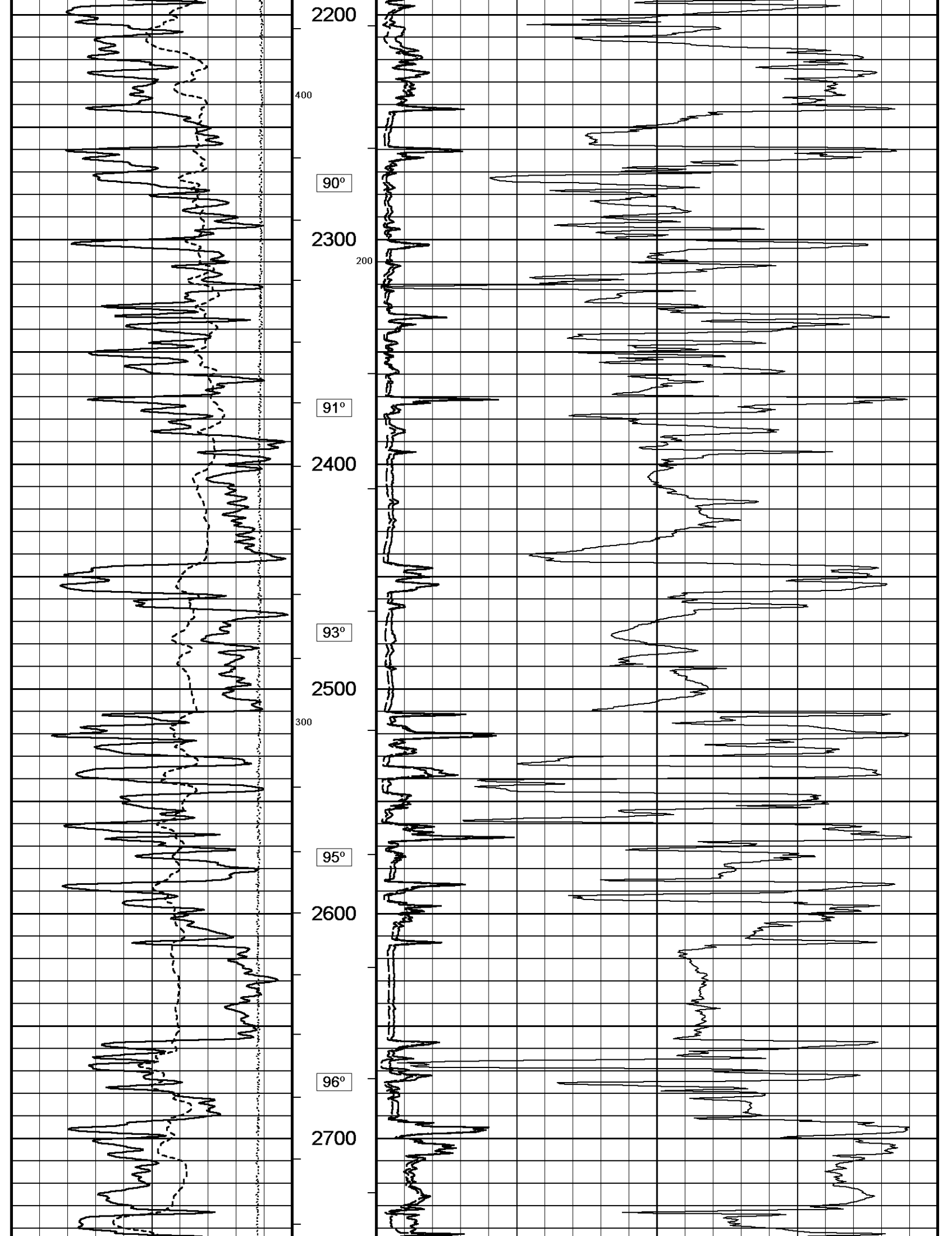
In interpreting, communicating or providing information and/or making recommendations, either written or oral, as to logs or test or other data, type or amount of material, or Work or other service to be furnished, or manner of performance, or in predicting results to be obtained, the Contractor will 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.

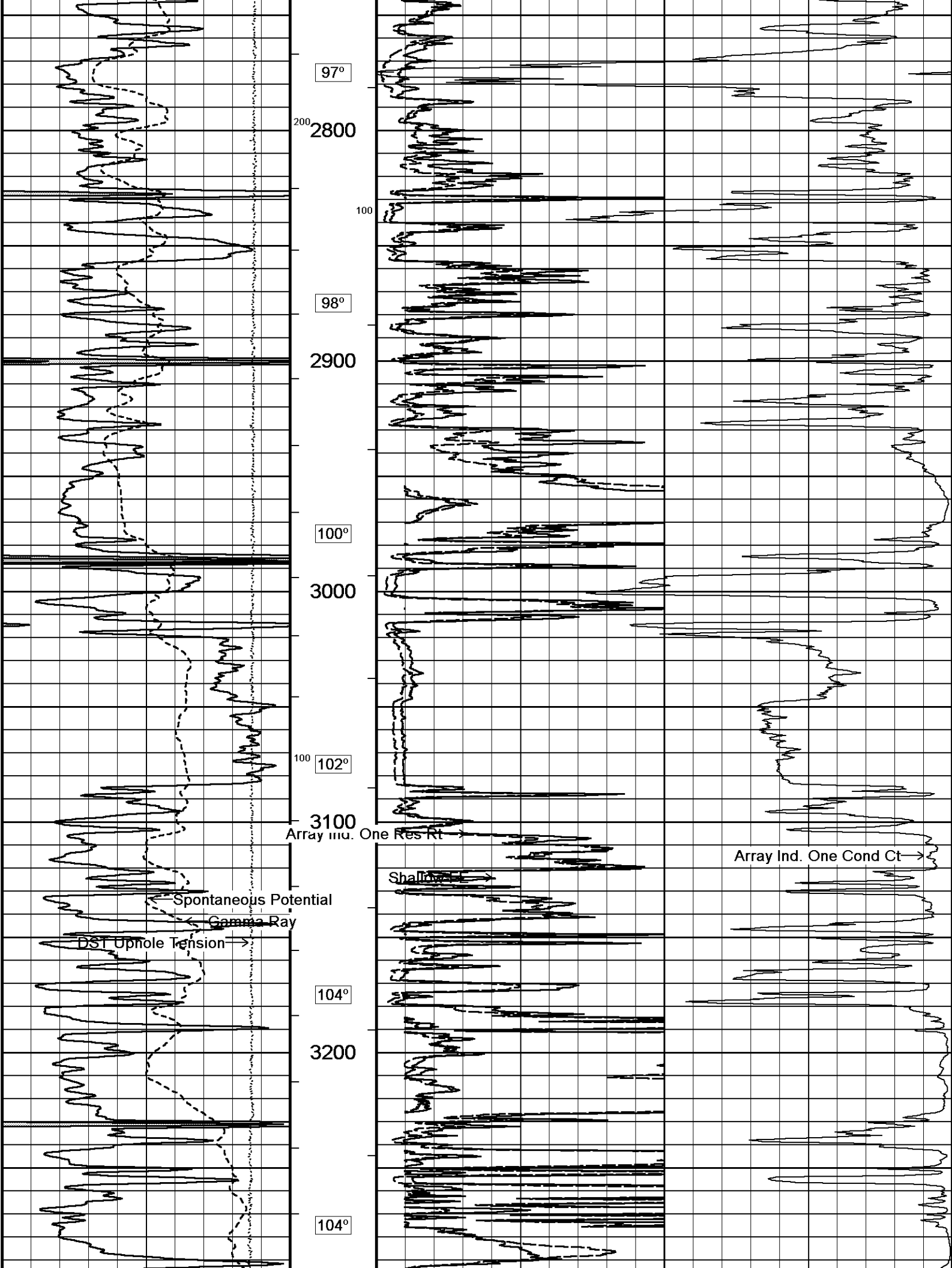


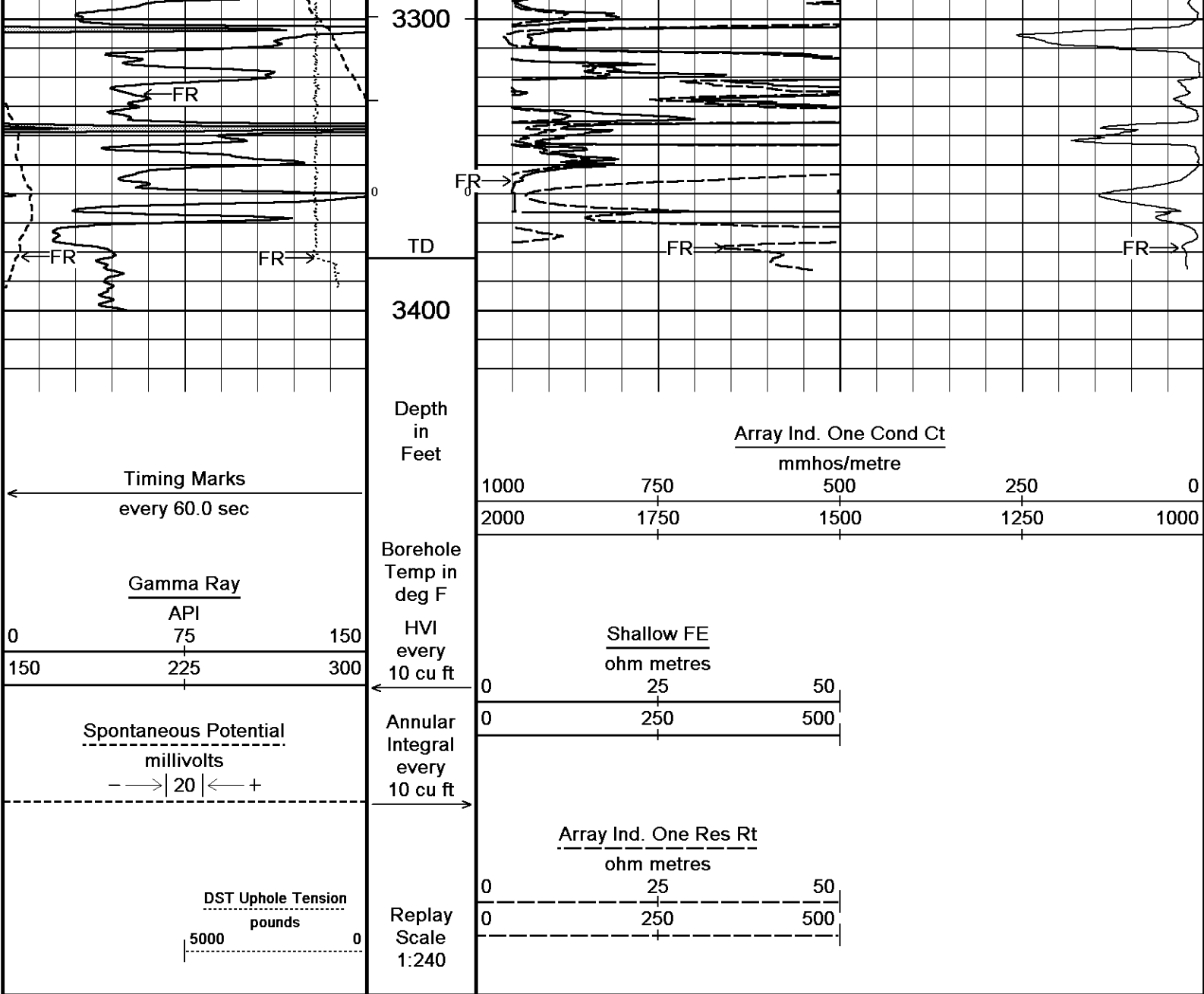










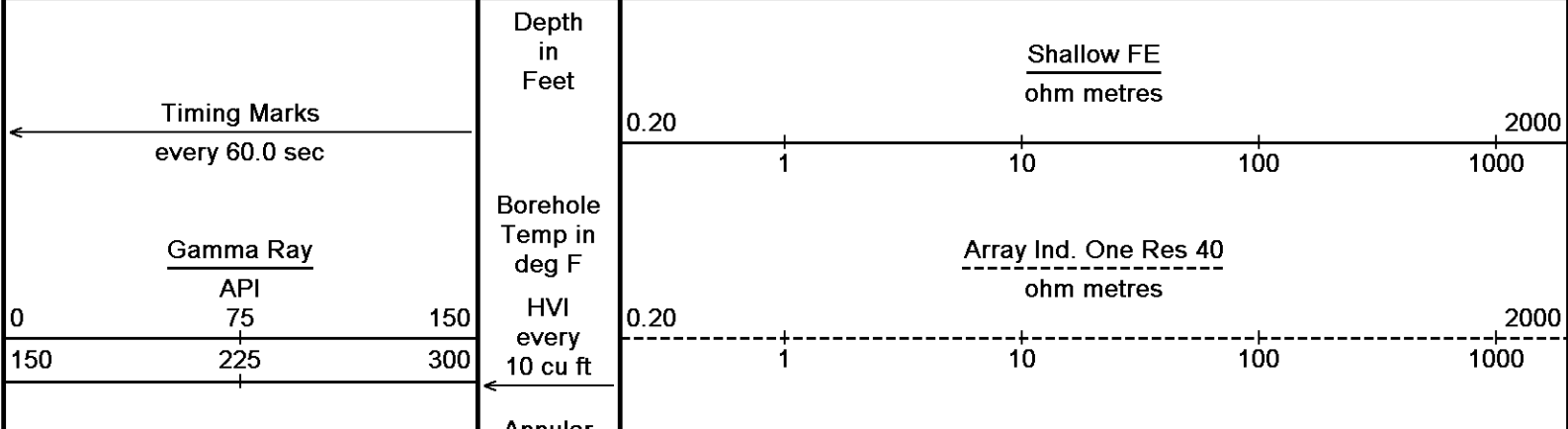


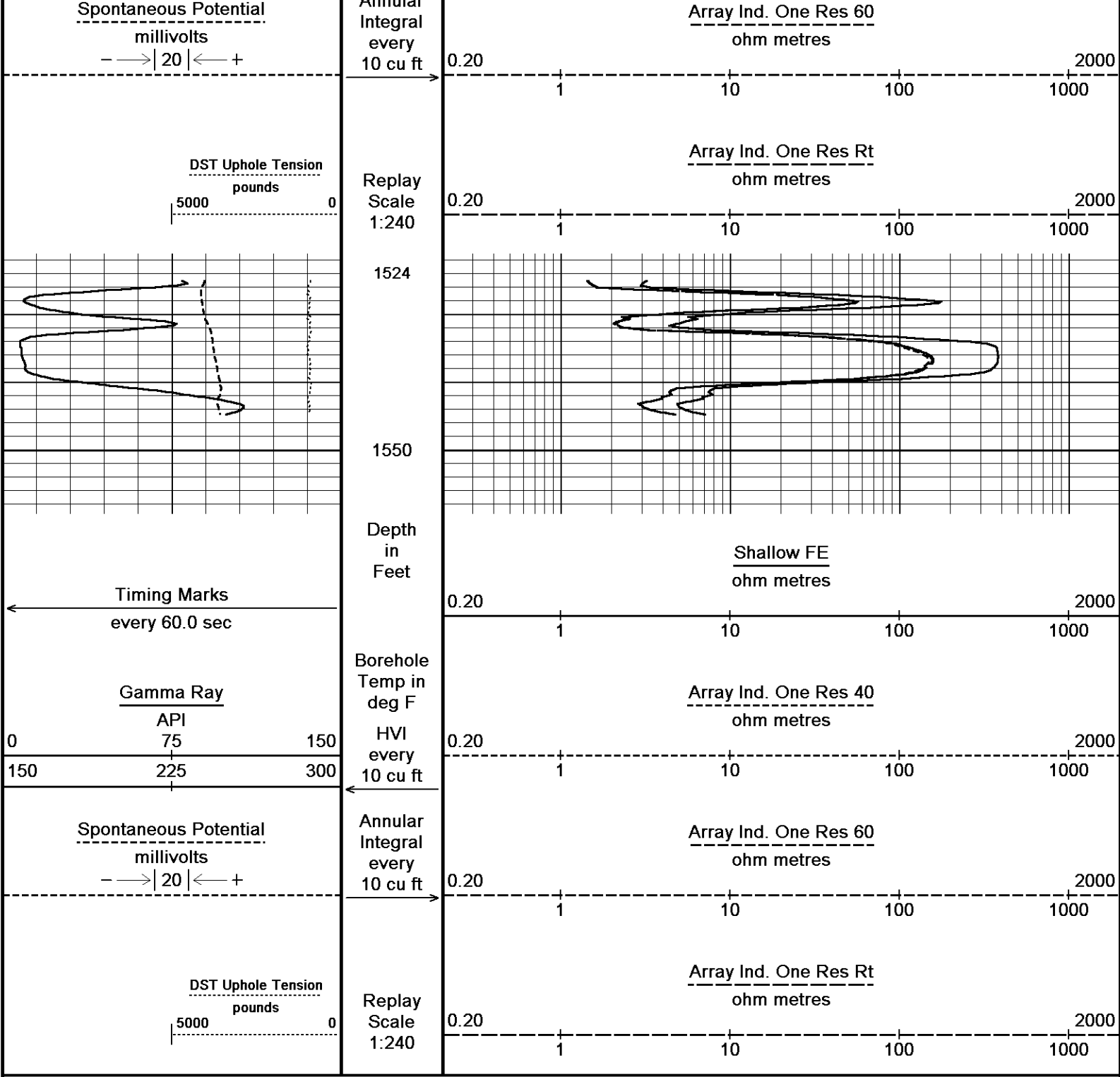
Depth Based Data - Maximum Sampling Increment 10.0cm
Filename: C:\Minimus 14.05.5331\Data\CMX Claflin 1-35\CMX Claflin 1-35 Merge.dta
System Versions: Plotted with 14.05.5331

2 INCH MAIN

5 INCH MAIN - ANHYDRITE SECTION

Depth Based Data - Maximum Sampling Increment 10.0cm
Filename: C:\Minimus 14.05.5331\Data\CMX Claflin 1-35\CMX Claflin 1-35 Merge.dta
System Versions: Plotted with 14.05.5331



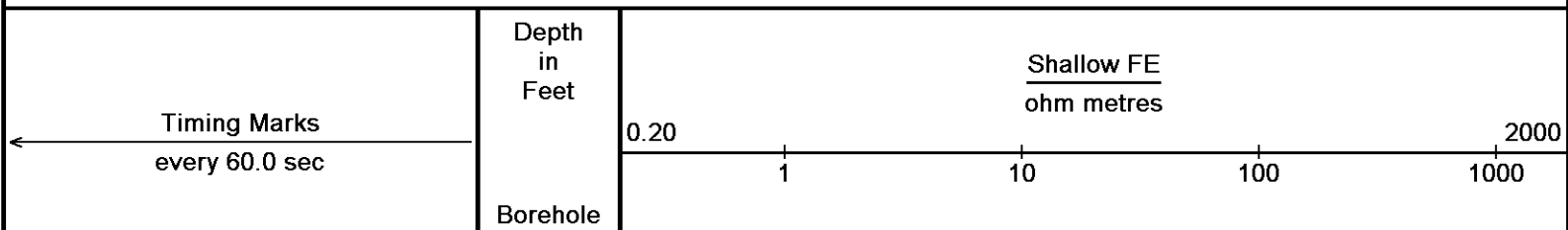


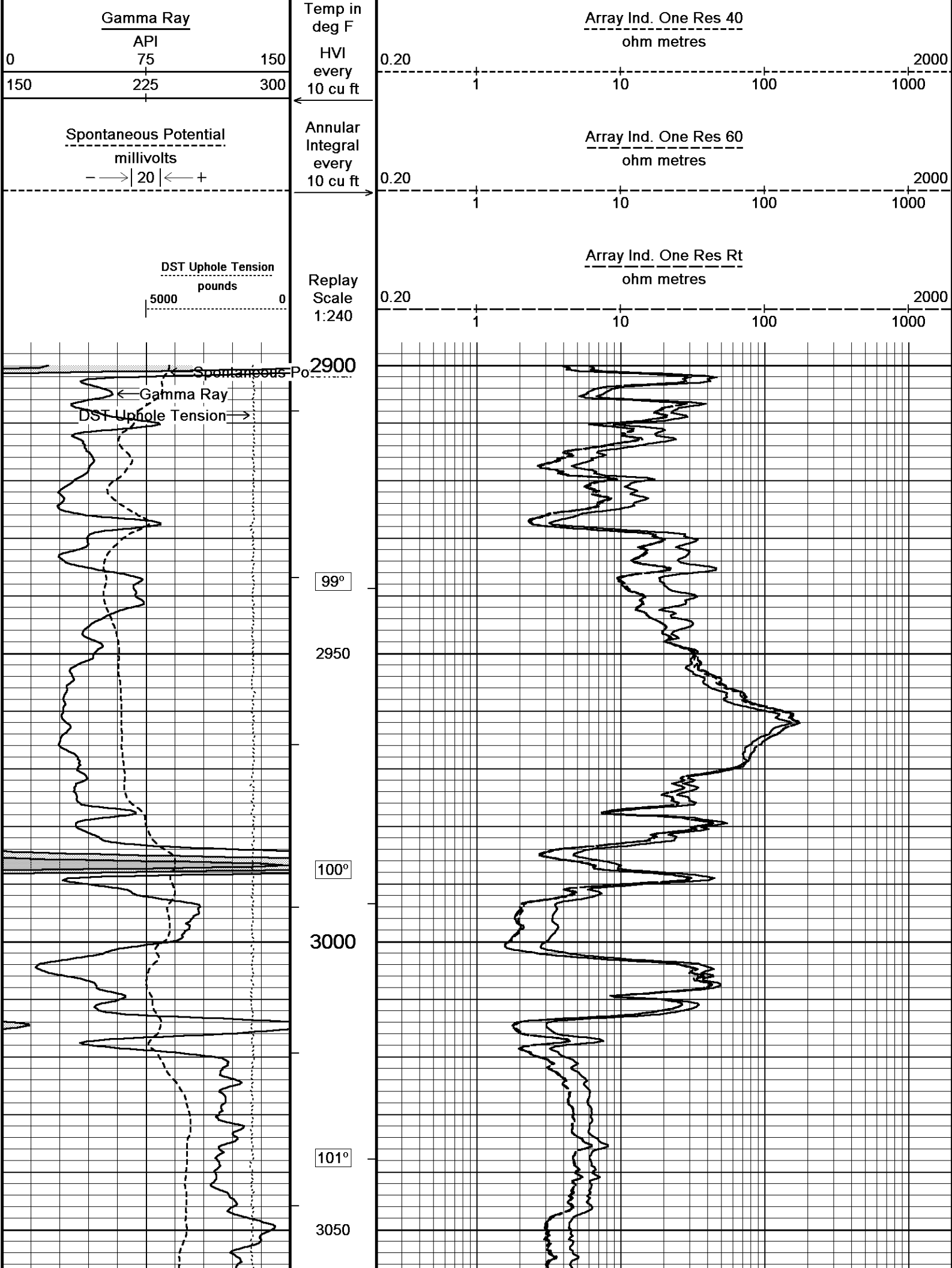
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System Versions: Plotted with 14.05.5331	

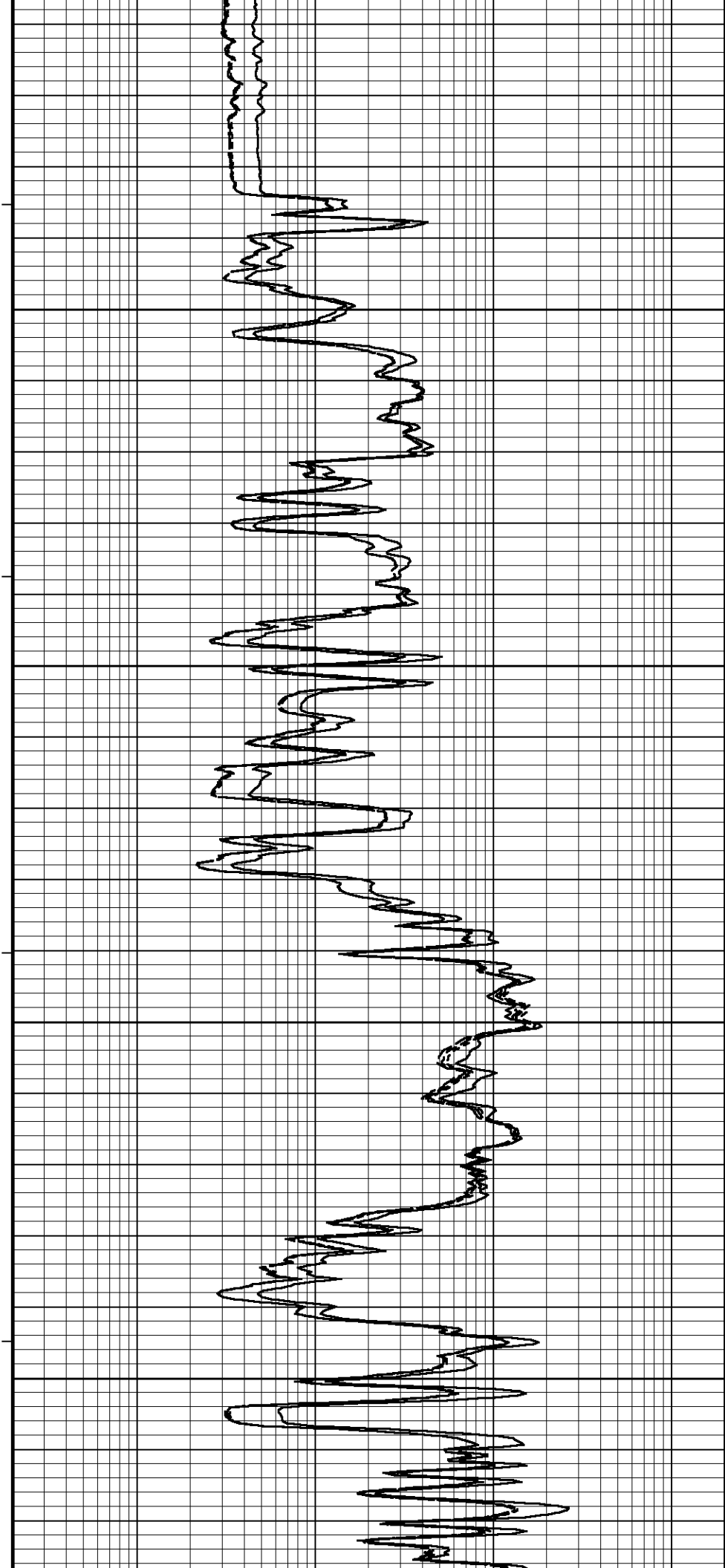
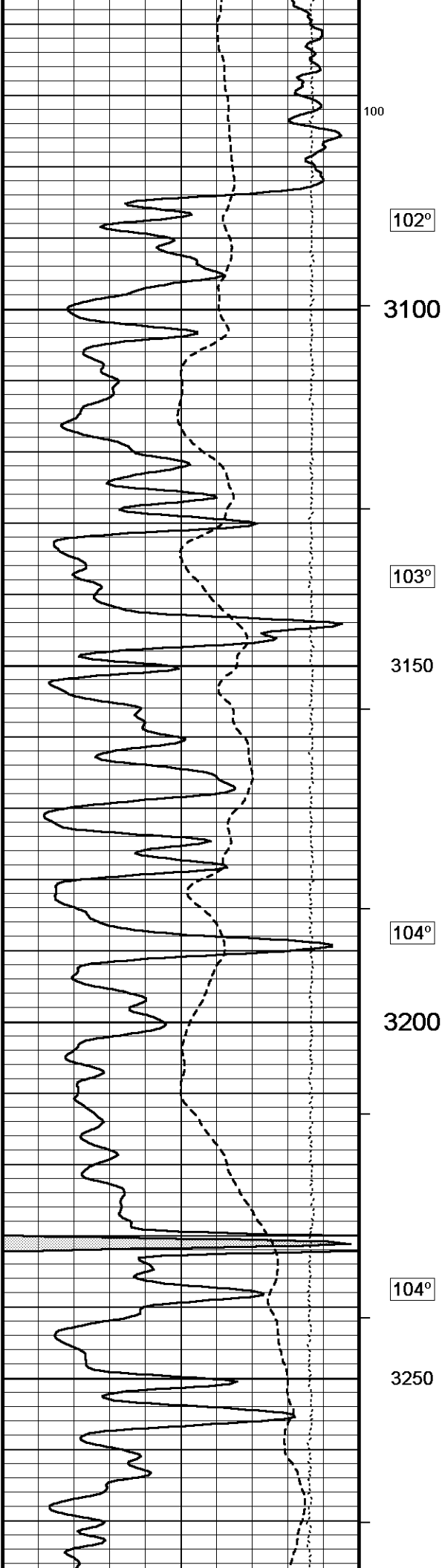
↑	5 INCH MAIN - ANHYDRITE SECTION	↑
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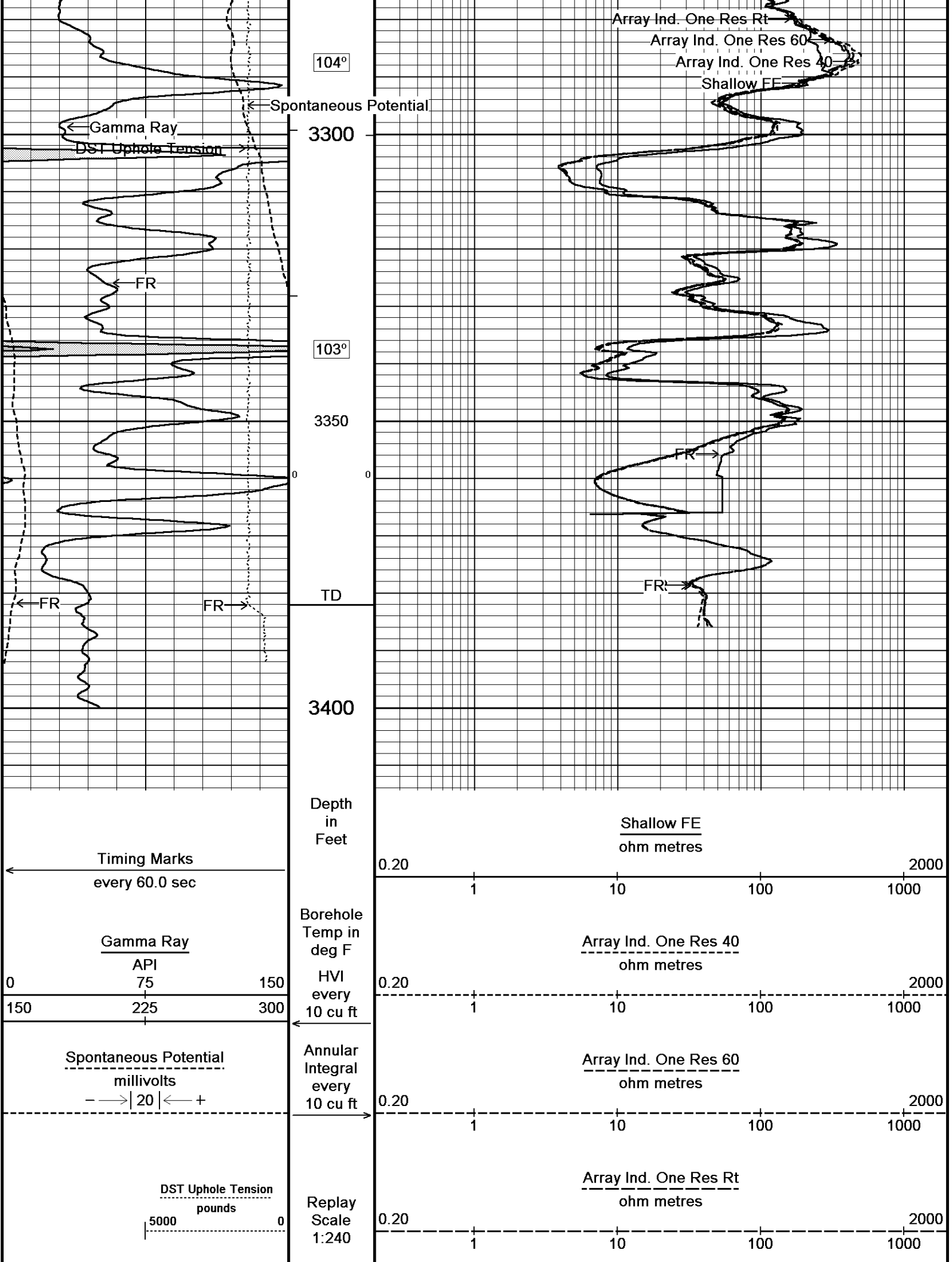
↓	5 INCH MAIN	↓
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Depth Based Data - Maximum Sampling Increment 10.0cm	Plotted on 15-DEC-2014 05:15
Filename: C:\Minimus 14.05.5331\Data\CMX Claflin 1-35\CMX Claflin 1-35 Merge.dta	Recorded on 14-DEC-2014 22:33
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5 INCH MAIN

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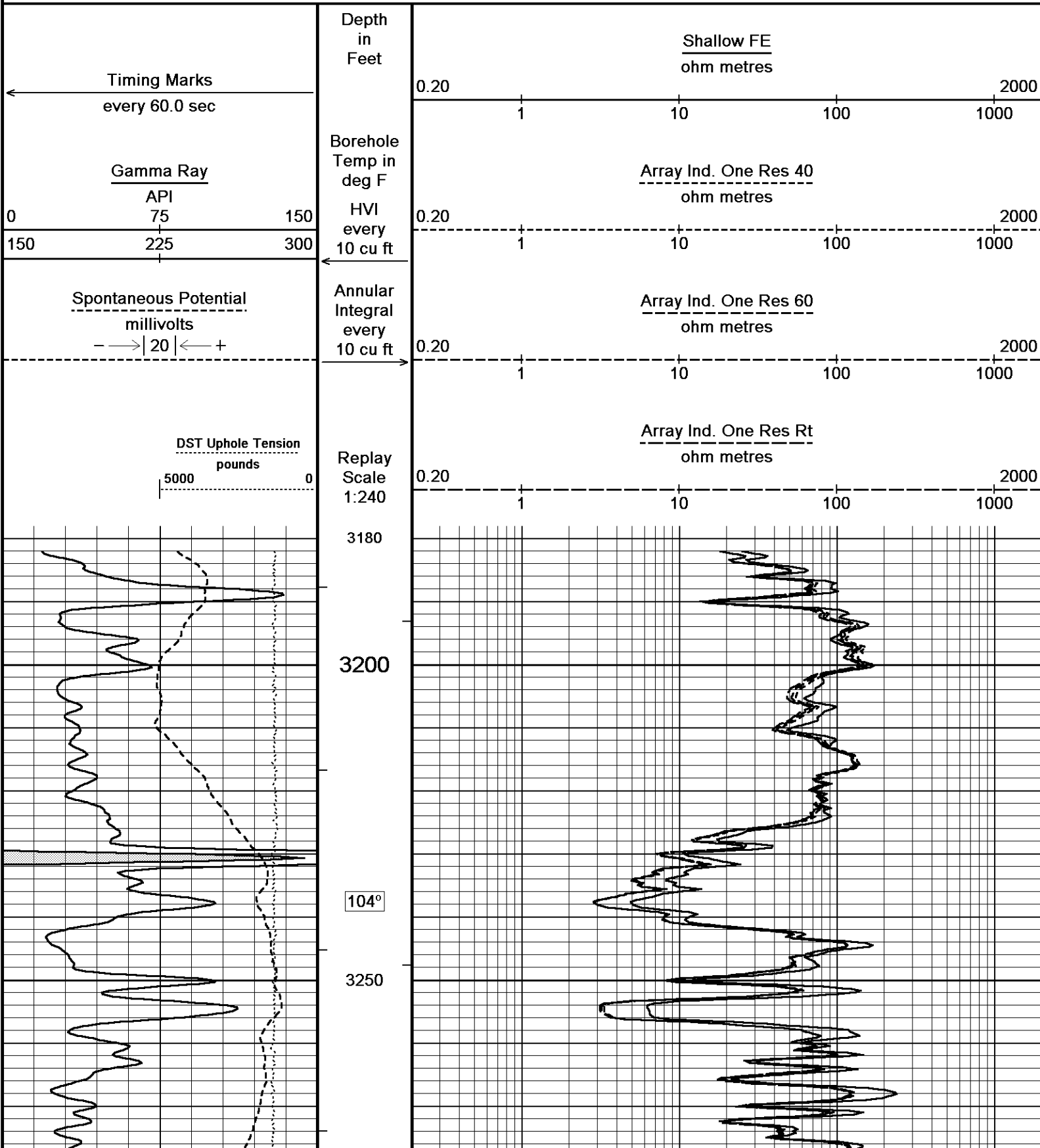
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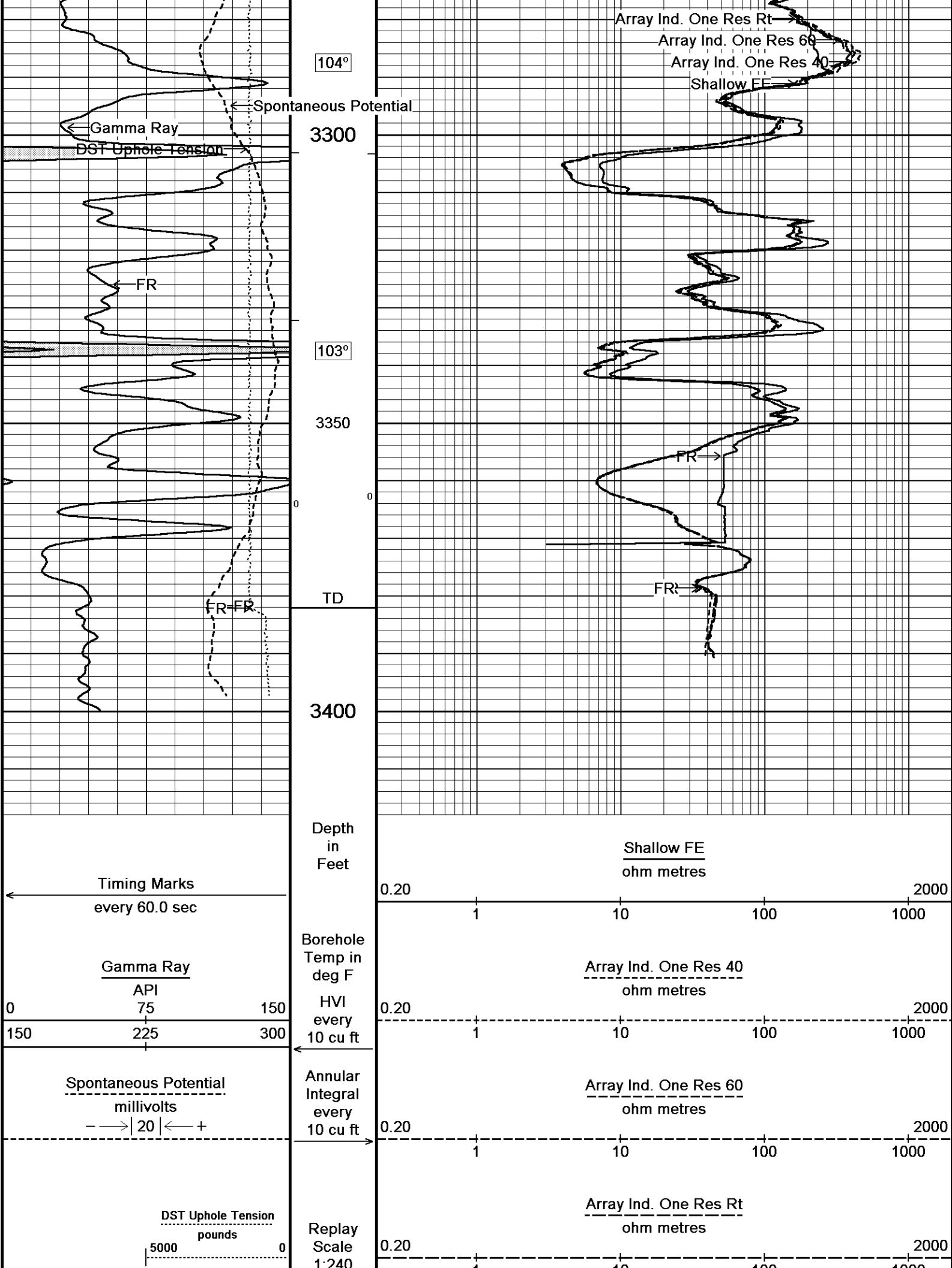
REPEAT SECTION

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Depth Based Data - Maximum Sampling Increment 10.0cm
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System Versions: Plotted with 14.05.5331

Plotted on 15-DEC-2014 05:15
Recorded on 14-DEC-2014 21:46





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REPEAT SECTION

↑

DOWNHOLE EQUIPMENT

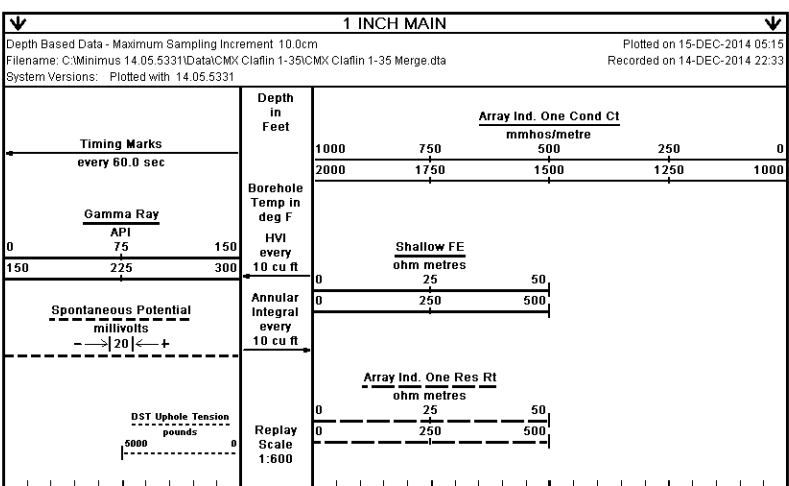
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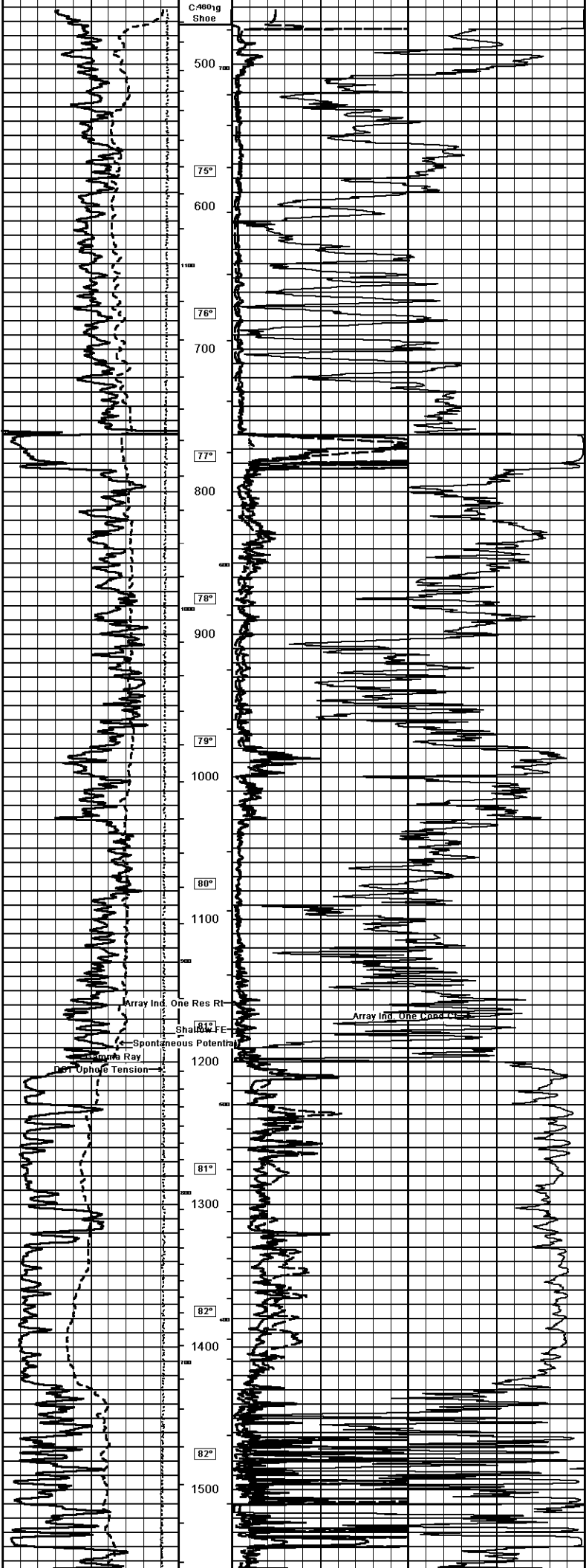
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WELL	CLAFLIN 1-35				
FIELD	KRAFT - PRUSA				
PROVINCE/COUNTY	BARTON				
COUNTRY/STATE	U.S.A. / KANSAS				
Elevation Kelly Bushing	1939.00	feet	First Reading	3378.66	feet
Elevation Drill Floor	1937.00	feet	Depth Driller	3383.00	feet
Elevation Ground Level	1931.00	feet	Depth Logger	3382.00	feet

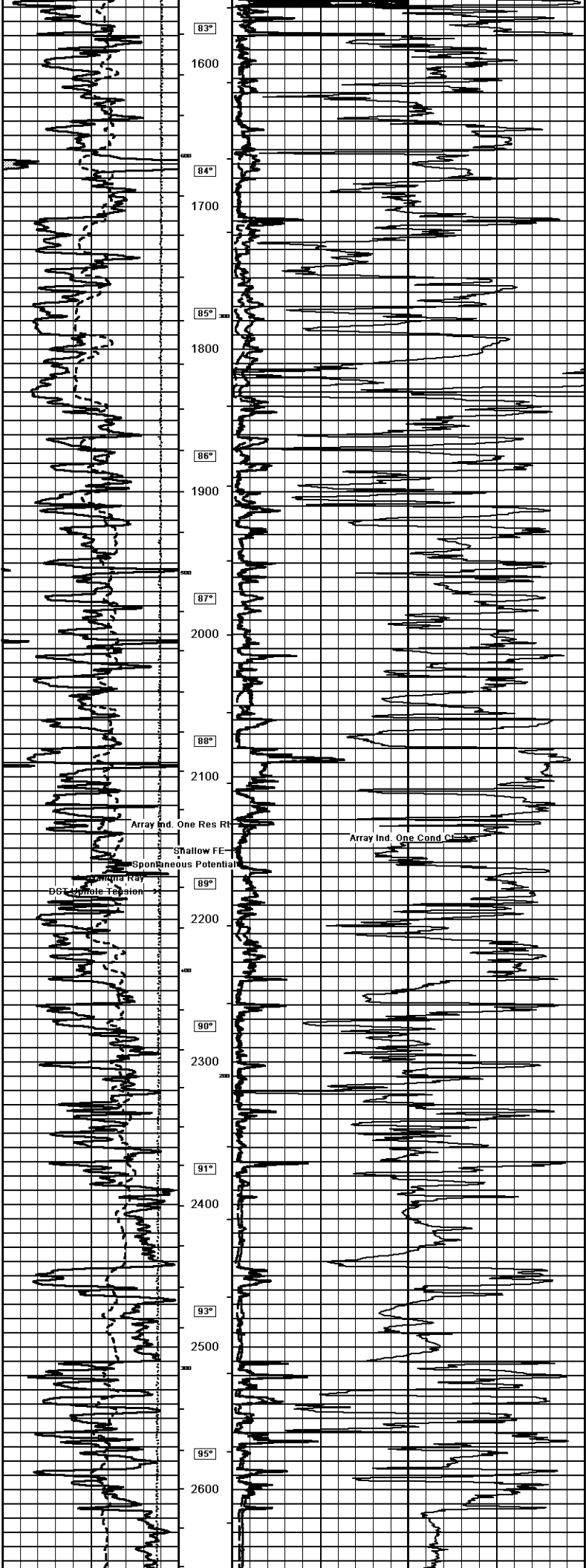
**Weatherford**[®]

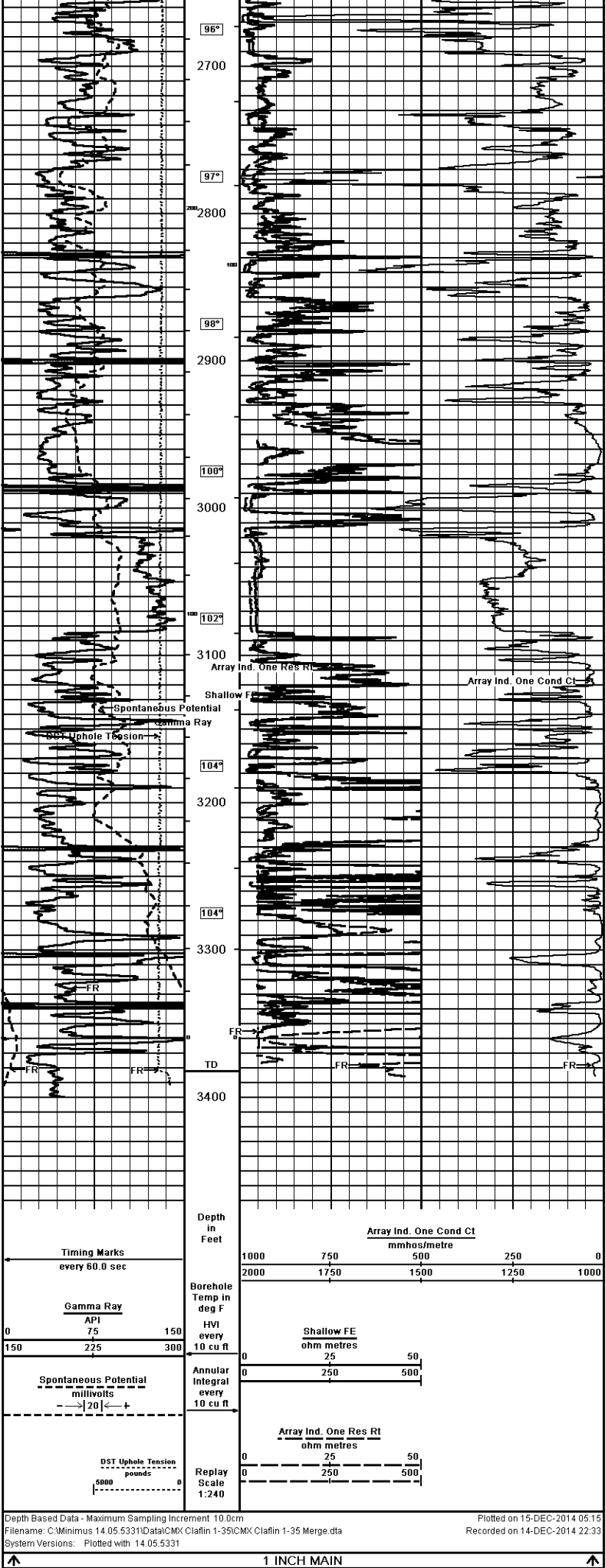
SHALLOW FOCUSED
ARRAY INDUCTION
ELECTRIC LOG

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WELL CLAFLIN 1-35			
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PROVINCE/COUNTY BARTON			
COUNTRY/STATE U.S.A. / KANSAS			
LOCATION 2480' ENL & 1180' FWL			
SEC. 35 TWP. 18S. R2E. T14N. G1E1S. SEC. 35			
Latitude 37.000000 Longitude -95.000000			
Datum: NAD 83			
Permanent Datum G.L. Elevation 1931 feet			
Log Measured From KB			
Drilling Measured From KB @ 8 FEET			
Date	15-DEC-2014		
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Witnessed By	KEN LEBLANC		
DOB#	LE14-380		









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WELL

CMX, INC.
CLAFLIN 1-35

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PROVINCE/COUNTY			BARTON		
COUNTRY/STATE			U.S.A. / KANSAS		
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