SUPERIOR WELL SERVICES

SUPERIOR
Hays,
Kansas

MICRO LOG

Company HESS OIL COMPANY
Well PFISTER #1-6
Field FREY
County STAFFORD State KANSAS

Location: API # : 15-185-23653

990' FSL & 470' FEL

SEC 6 TWP 21S RGE 14W

Other Services
CDL/CNL
DIL/SONIC

Elevation
K.B. 1927
D.F.
G.L. 1922

Permanent Datum GROUND LEVEL Elevation 1922
Log Measured From KELLY BUSHING 5' A.G.L.
Drilling Measured From KELLY BUSHING

Company HESS OIL COMPANY
Well PFISTER #1-6
Field FREY
County STAFFORD
State KANSAS

Date	12-14-10		
Run Number	TWO		
Depth Driller	3800		
Depth Logger	3800		
Bottom Logged Interval	3782		
Top Log Interval	2300		
Casing Driller	888		
Casing Logger	888		
Bit Size	7.875		
Type Fluid in Hole	CHEMICAL MUD		
Density / Viscosity	9.2 / 57		
pH / Fluid Loss	10.5 / 8.8		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	1.10 @ 70F		
Rmf @ Meas. Temp	0.83 @ 70F		
Rmc @ Meas. Temp	1.32 @ 70F		
Source of Rmf / Rmc	MEASURED		
Rm @ BHT	.680 @ 113F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom	1:00 A.M.		
Maximum Recorded Temperature	113F		
Equipment Number	860		
Location	HAYS, KS.		
Recorded By	RUPP		
Witnessed By	DEREK PATTERSON		

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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 interpretation, and we shall not, except in the case of gross or willful 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 set out in our current Price Schedule.

Comments

SUPERIOR WELL SERVICES
785-628-6395
THANK YOU FOR YOUR BUSINESS
DIRECTIONS: LARNED & #56, E TO RADIUM BLACKTOP, 7S TO RD. #200, 1/8W, N INTO.

MAIN SECTION

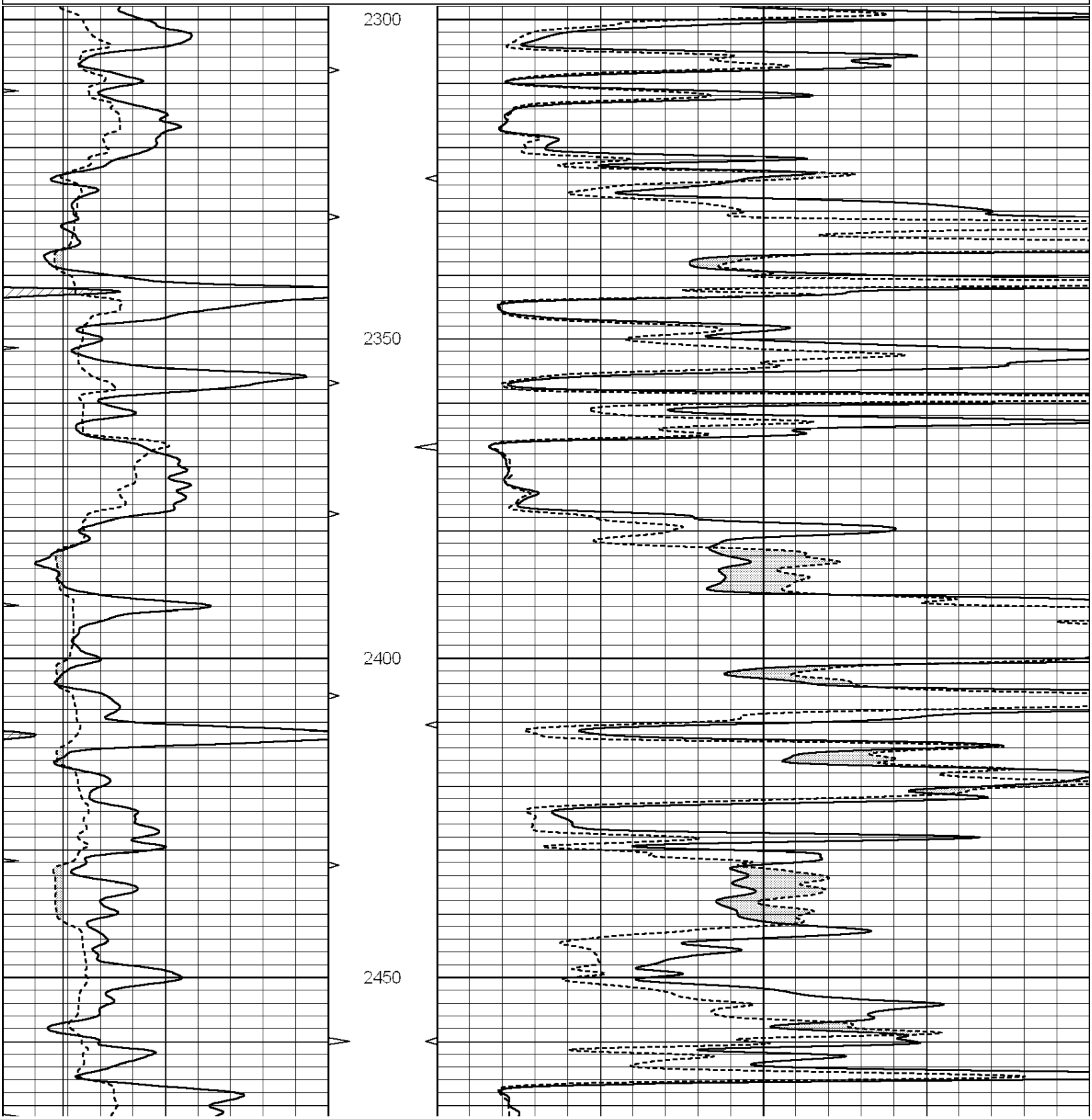
SUPERIOR
Hays,

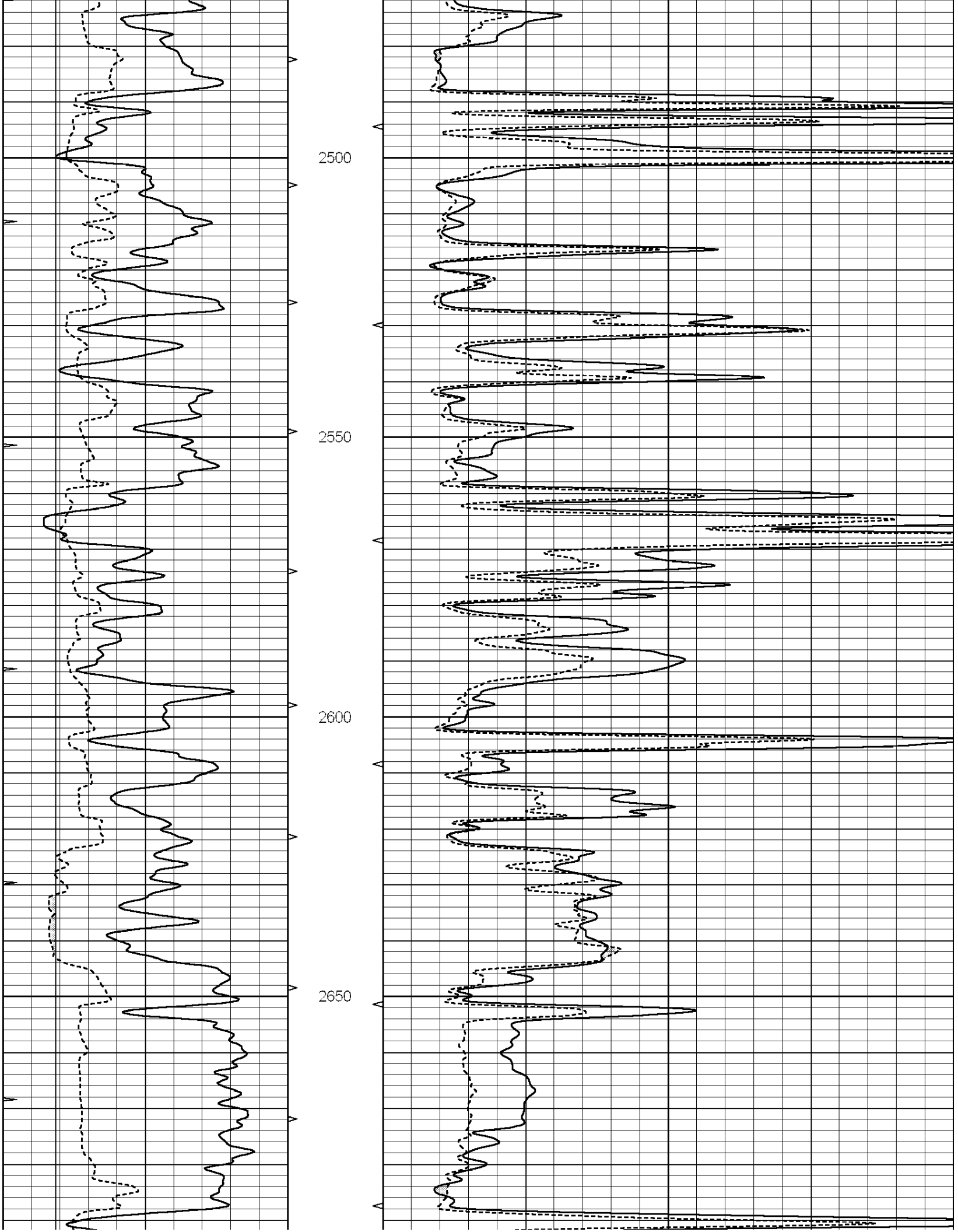
Kansas

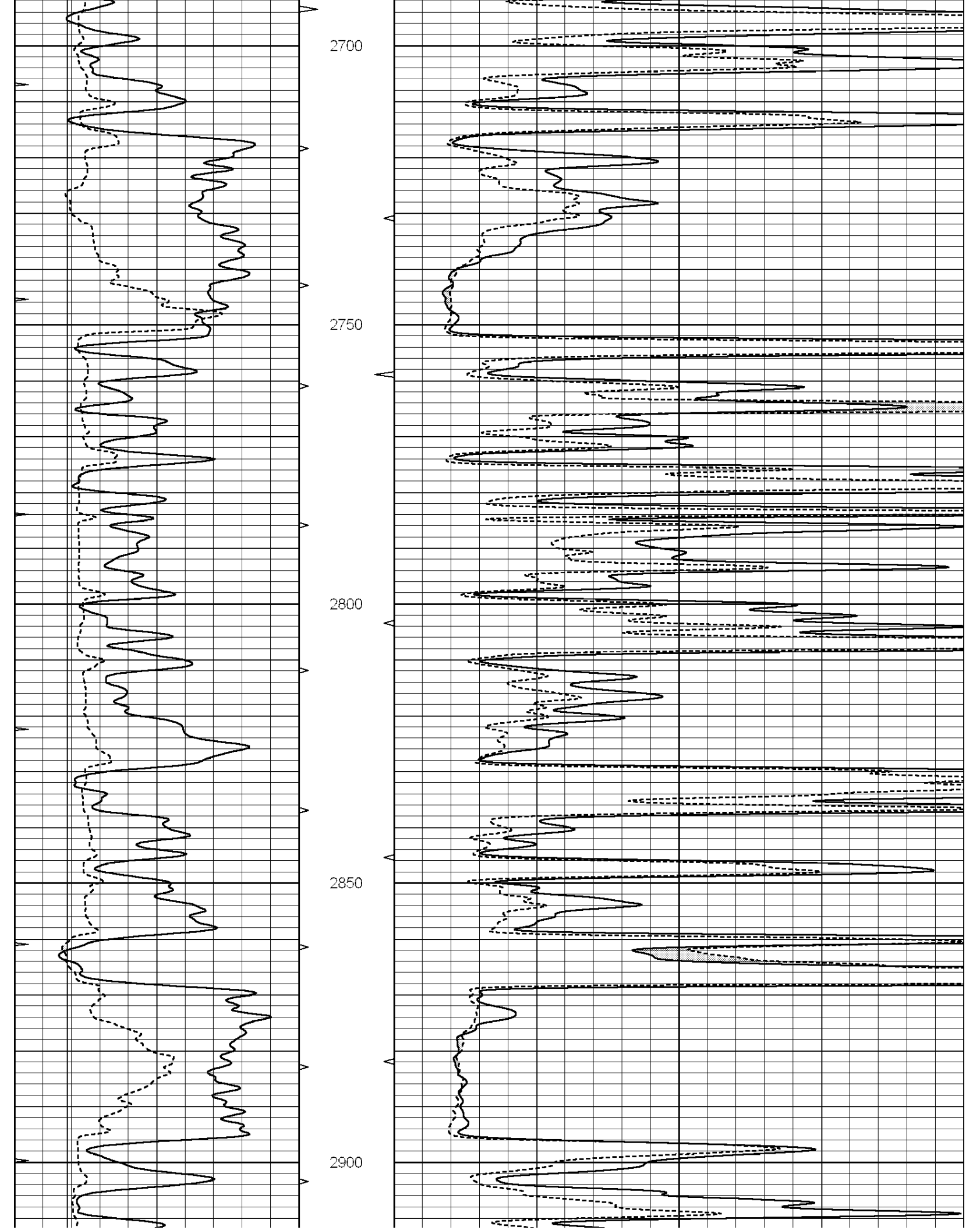
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Presentation Format:	micro
Dataset Creation:	Tue Dec 14 04:57:50 2010
Charted by:	Depth in Feet scaled 1:240

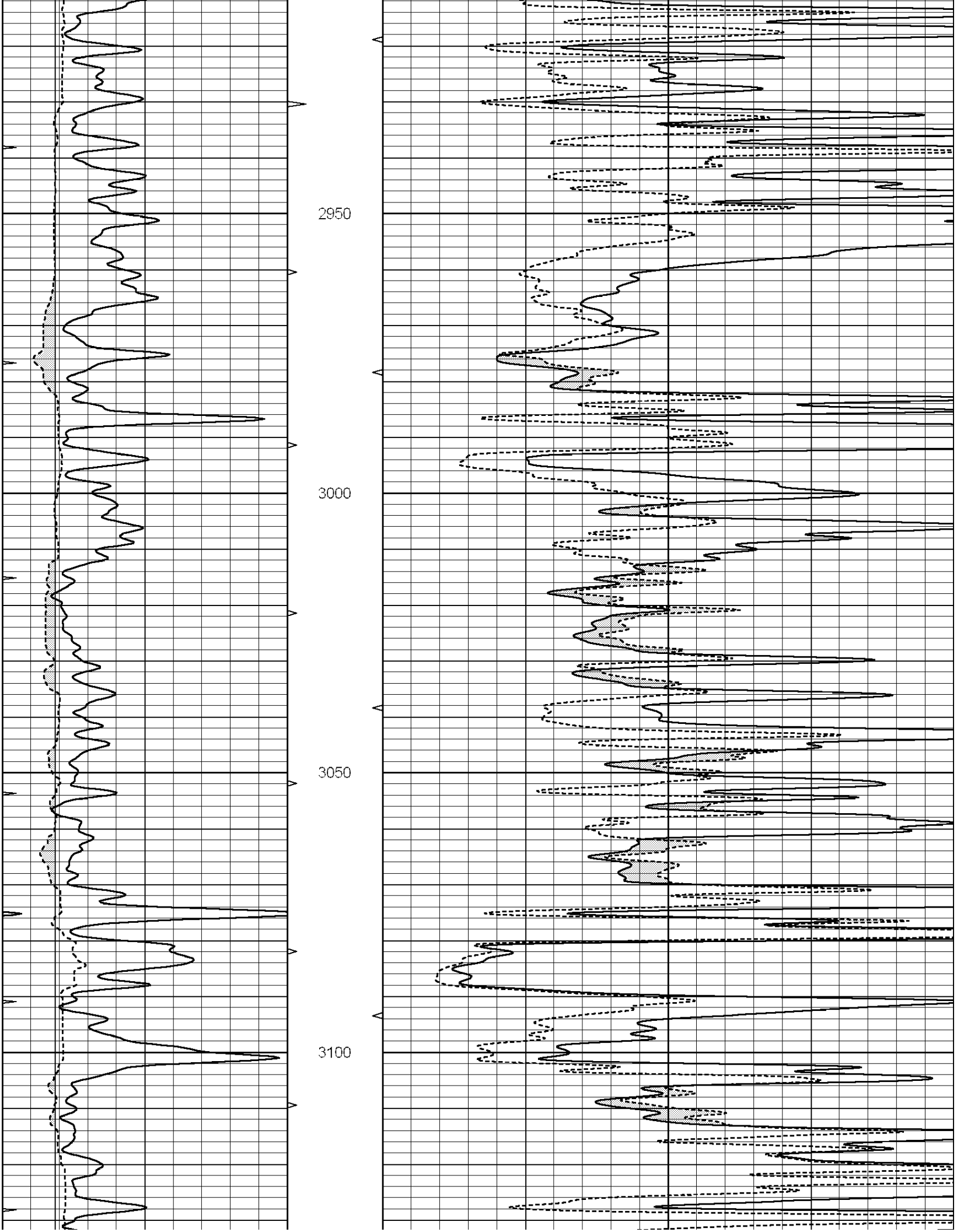
0	GAMMA RAY (GAPI)	150
6	CALIPER (in)	16
0	MINMK	20

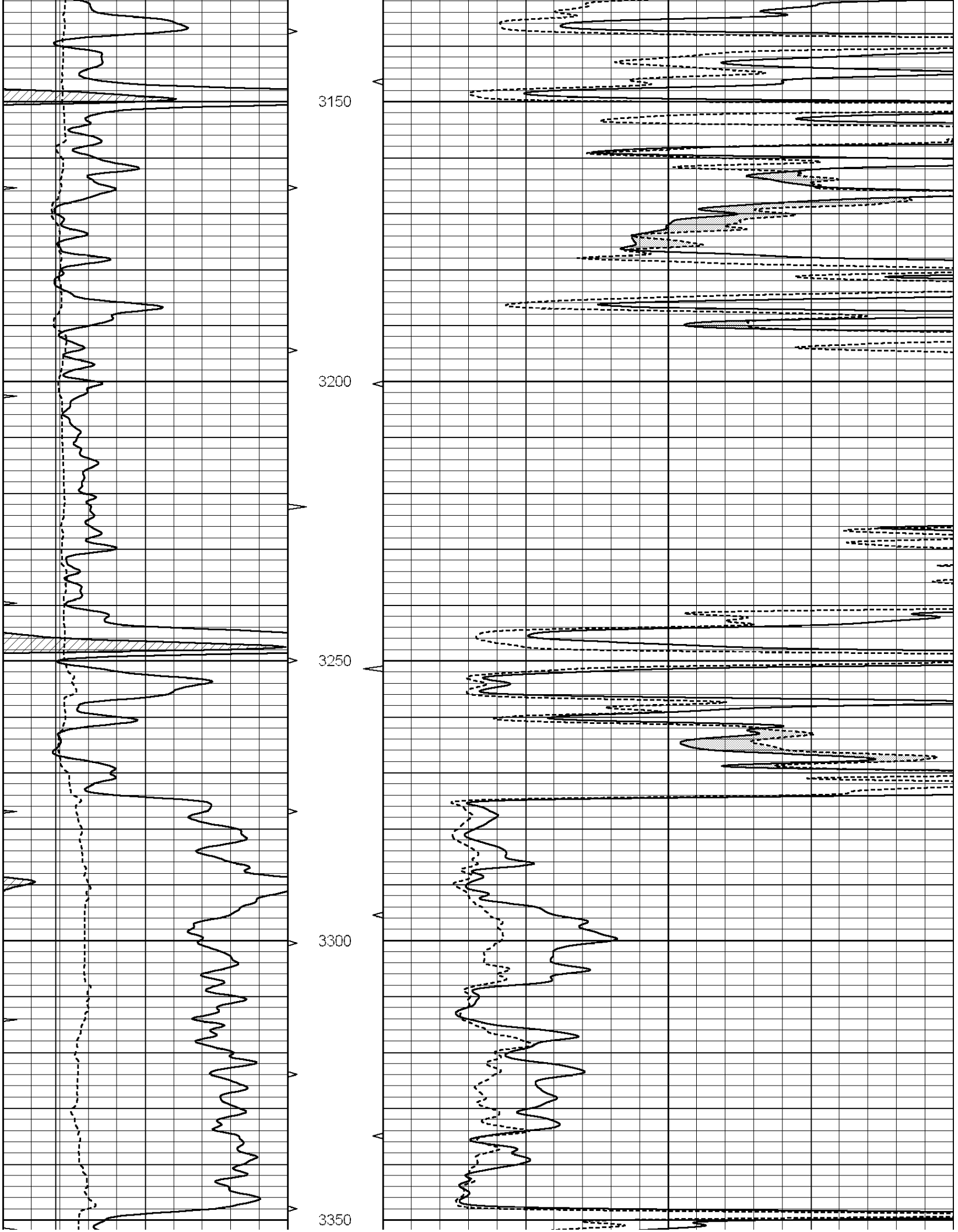
0	MEL1.5 (Ohm-m)	20
0	MEL2.0 (Ohm-m)	20

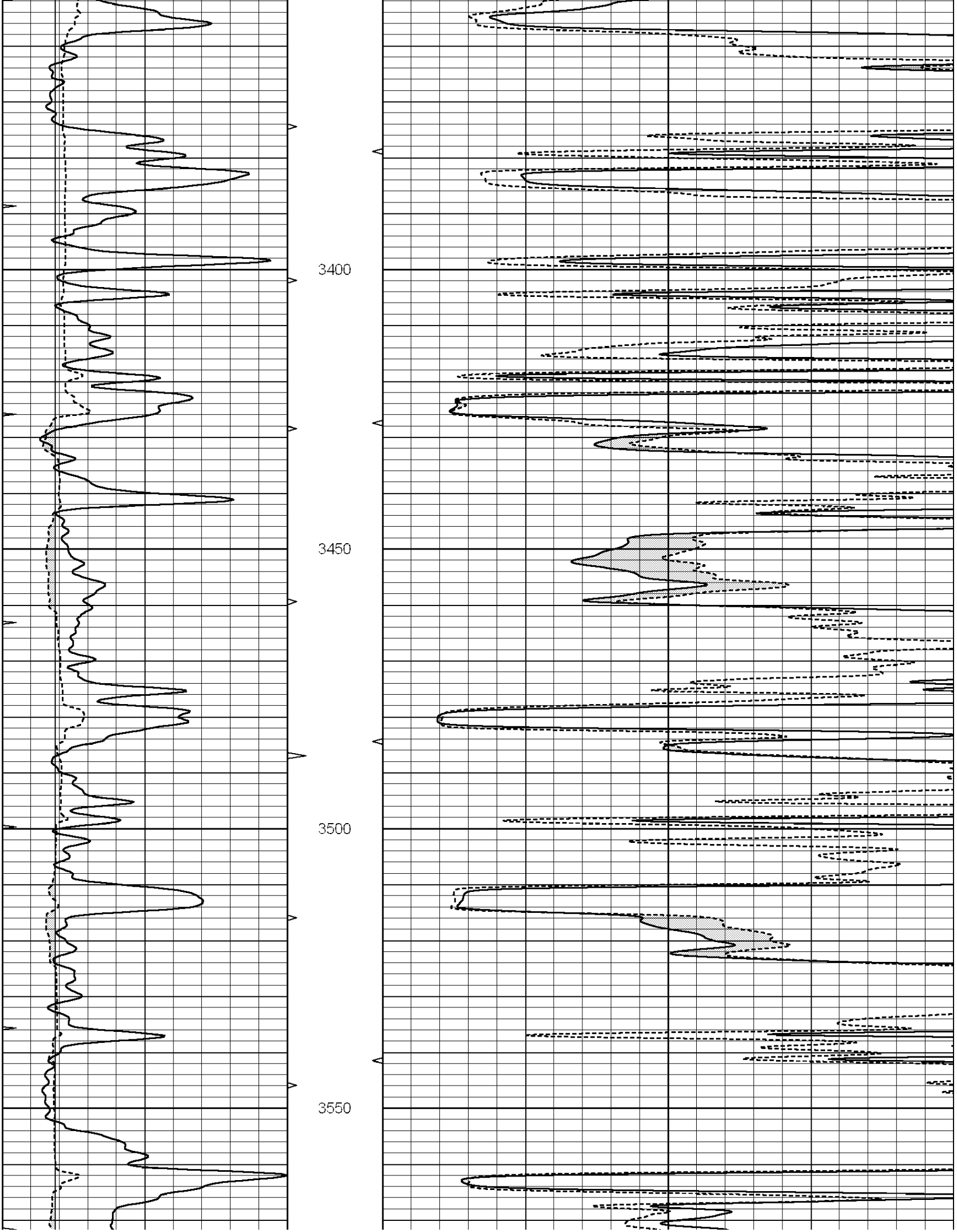


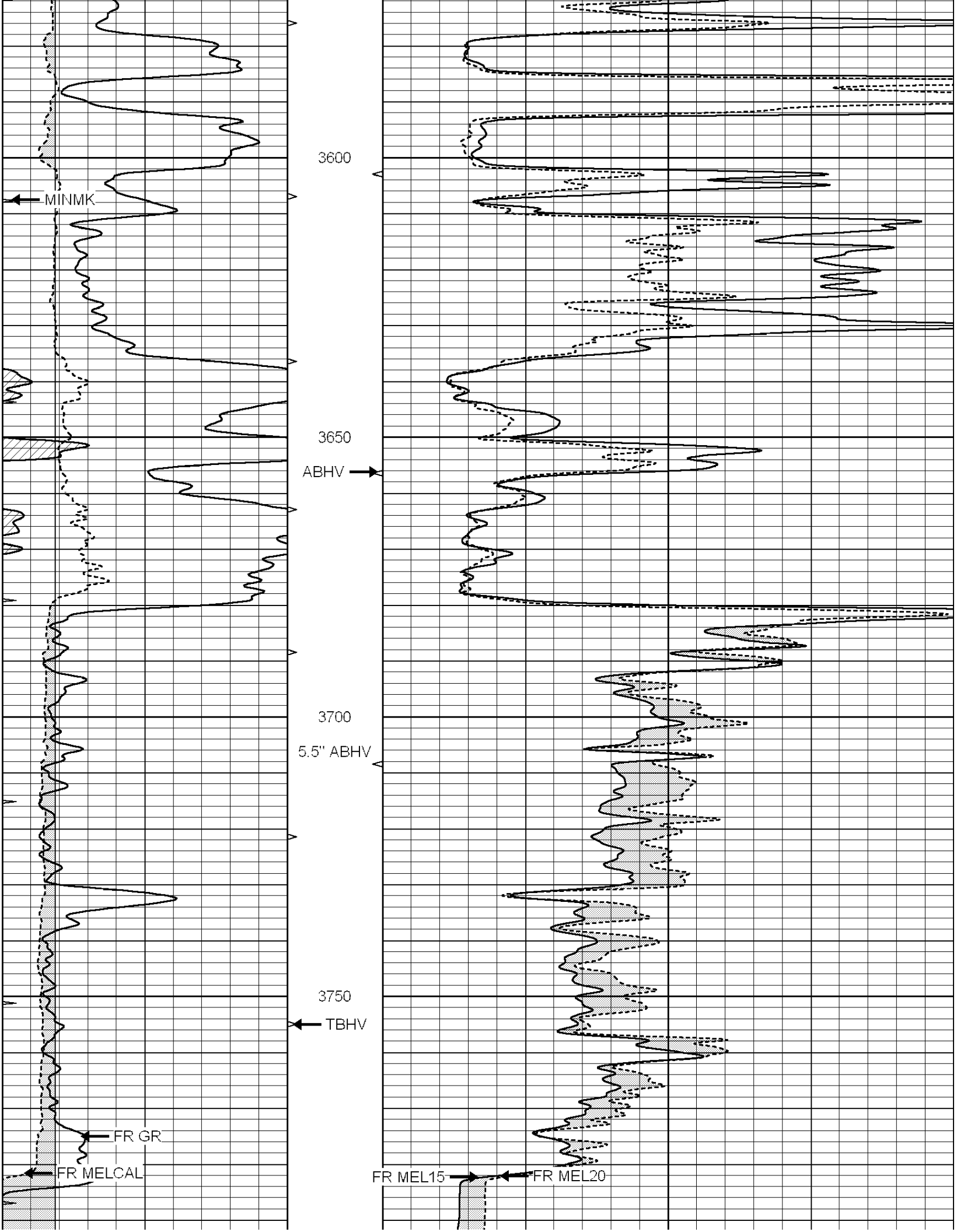

2500
2550
2600
2650

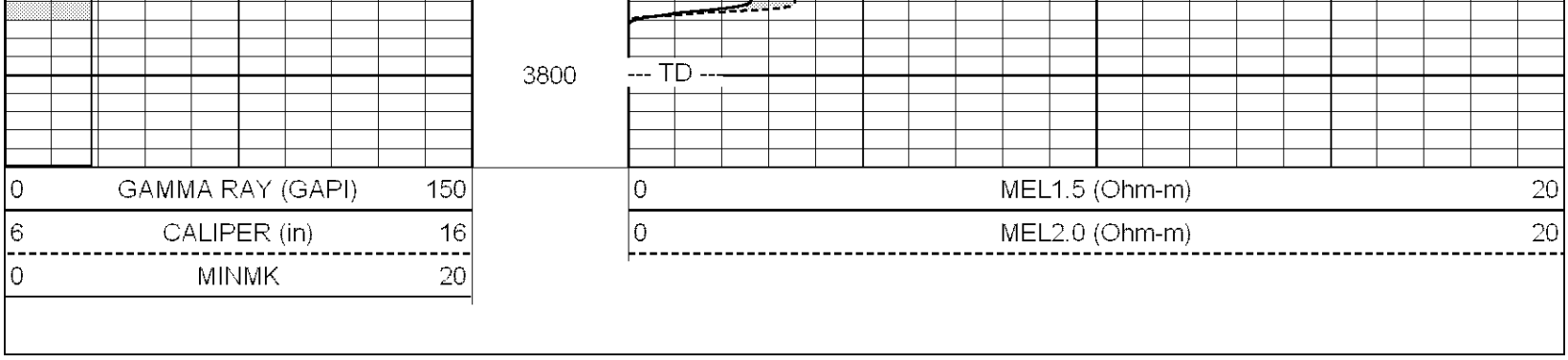

2700
2750
2800
2850
2900


2950
3000
3050
3100


3150
3200
3250
3300
3350


3400
3450
3500
3550


3600
MINMK
3650
ABHV
3700
5.5" ABHV
3750
TBHV
FR GR
FR MELCAL
FR MEL15
FR MEL20

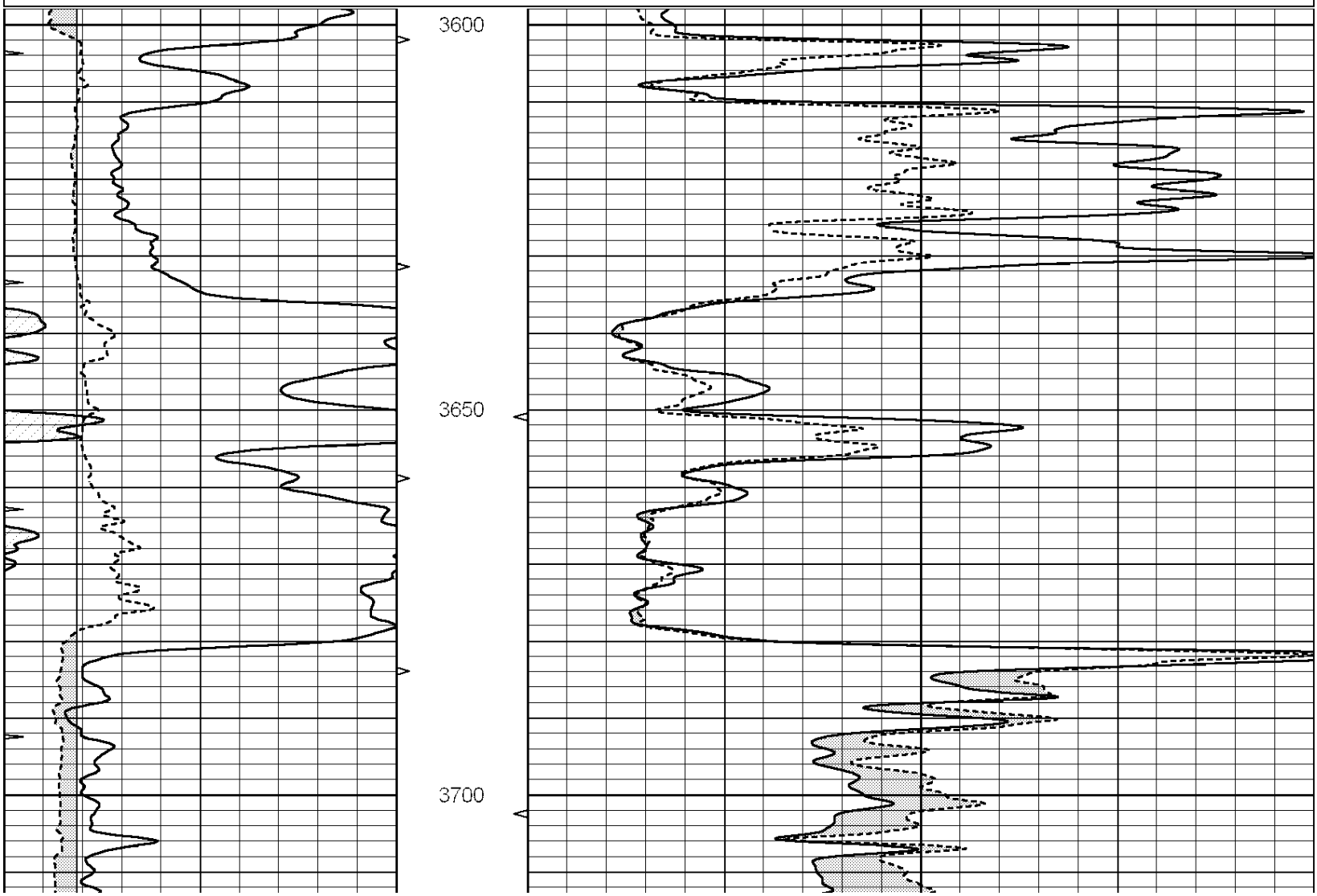


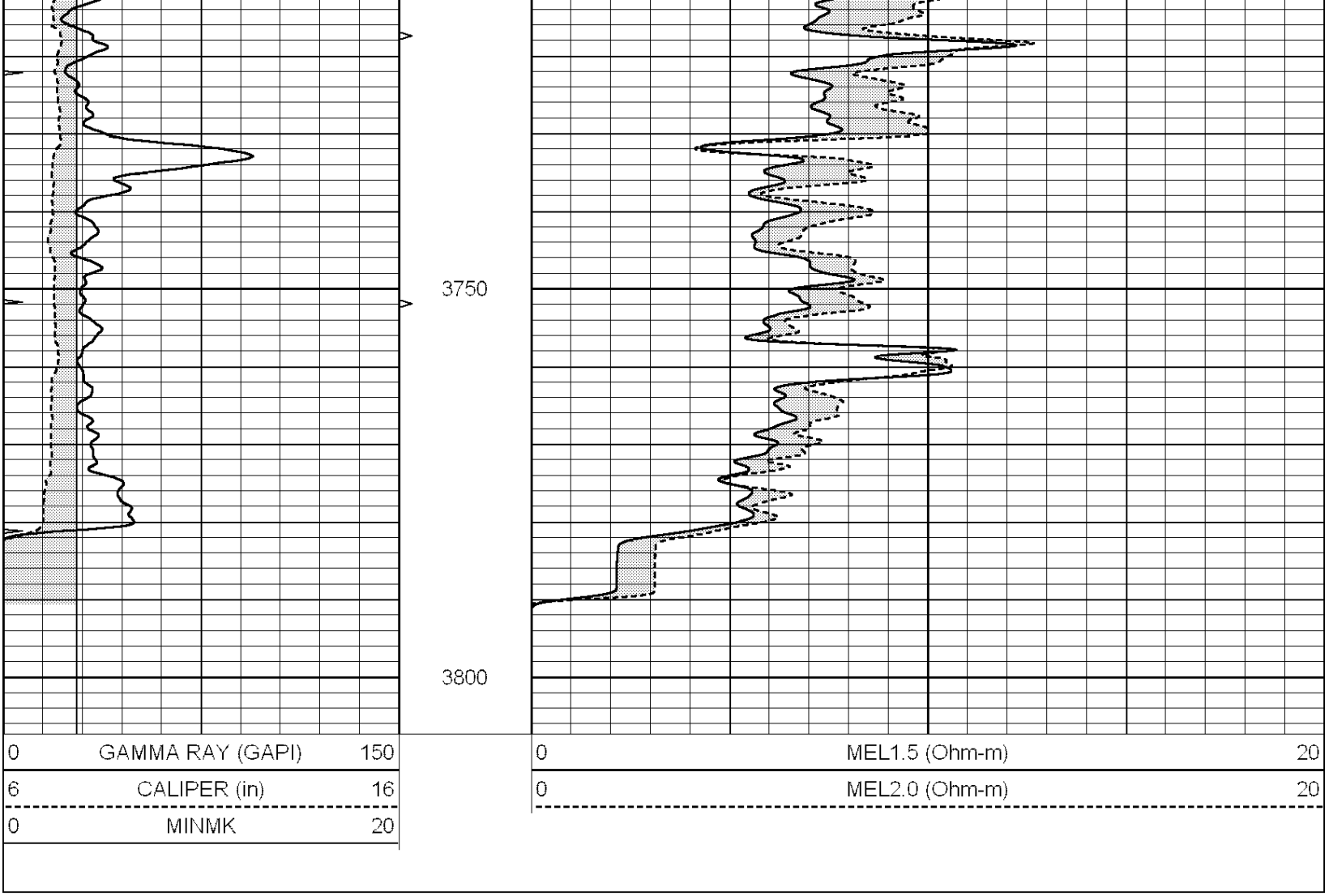
SUPERIOR WELL SERVICES

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Kansas

REPEAT SECTION

Database File:	006310ddn.db
Dataset Pathname:	pass4.1
Presentation Format:	micro
Dataset Creation:	Tue Dec 14 03:47:53 2010 by Calc Open-Cased 090629
Charted by:	Depth in Feet scaled 1:240





Calibration Report

Database File: 006310ddn.db
Dataset Pathname: pass5.1A
Dataset Creation: Tue Dec 14 04:57:50 2010

MICRO Calibration Report

Serial Number:	Micro1	
Tool Model:	ProbeL	
Performed:	Tue Dec 14 03:45:01 2010	
Caliper Calibration:	Gain=3.228	Offset=-0.251
	Low Cal	High Cal
References	7.100	14.000
Readings	2.277	4.415
1.5'' Calibration:	Gain=42.000	Offset=0.000
	Low Cal	High Cal
References	0.000	20.000
Readings	0.003	0.844
2'' Calibration:	Gain=35.000	Offset=-0.200
	Low Cal	High Cal
References	0.000	20.000
Readings	0.028	0.817

Gamma Ray Calibration Report

Serial Number:	GR5	
Tool Model:	OPEN	
Performed:	Tue Dec 14 02:21:22 2010	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	0.6500	GAPI/cps