SUPERIOR WELL SERVICES

SUPERIOR
Hays,
Kansas

MICRO LOG

Company	MAI OIL OPERATIONS, INC.
Well	SCHMITT#2
Field	KENNEBEC
County	RUSSELL
State	KANSAS

Company MAI OIL OPERATIONS

Well SCHMITT#2

Field KENNEBEC

County RUSSELL State KANSAS

Location: API # : 15-167-23799-0000

330' FSL & 990' FEL

SW - SE - SE

SEC 4 TWP 15S RGE 14W

Permanent Datum GROUND LEVEL Elevation 1764

Log Measured From KELLY BUSHING 8' A.G.L.

Drilling Measured From KELLY BUSHING

Other Services
CDL/CNL
DIL

Elevation
K.B. 1772
D.F. 1770
G.L. 1764

Date	6/2/12			
Run Number	TWO			
Depth Driller	3300			
Depth Logger	3300			
Bottom Logged Interval	3298			
Top Log Interval	2200			
Casing Driller	8 5/8"@372'			
Casing Logger	372'			
Bit Size	7 7/8"			
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 7000 PPM		
Density / Viscosity	9.4/52			
pH / Fluid Loss	11.0/8.0			
Source of Sample	FLOWLINE			
Rm @ Meas. Temp	0.70@80F			
Rmf @ Meas. Temp	0.53@80F			
Rmc @ Meas. Temp	0.84@80F			
Source of Rmf / Rmc	MEASUREMENT			
Rm @ BHT	0.51@110F			
Time Circulation Stopped	2 HOURS			
Time Logger on Bottom				
Maximum Recorded Temperature	110F			
Equipment Number	4010			
Location	HAYS, KANSAS			
Recorded By	JEFF GRONEWEG			
Witnessed By	KURT TALBOTT			

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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

THANK YOU FOR USING SUPERIOR WELL SERVICE HAYS, KANSAS (785) 628-6395

DIRECTIONS

RUSSELL, KS - SOUTH TO WALTERS RD - 1 1/2 MILES WEST

NORTH INTO

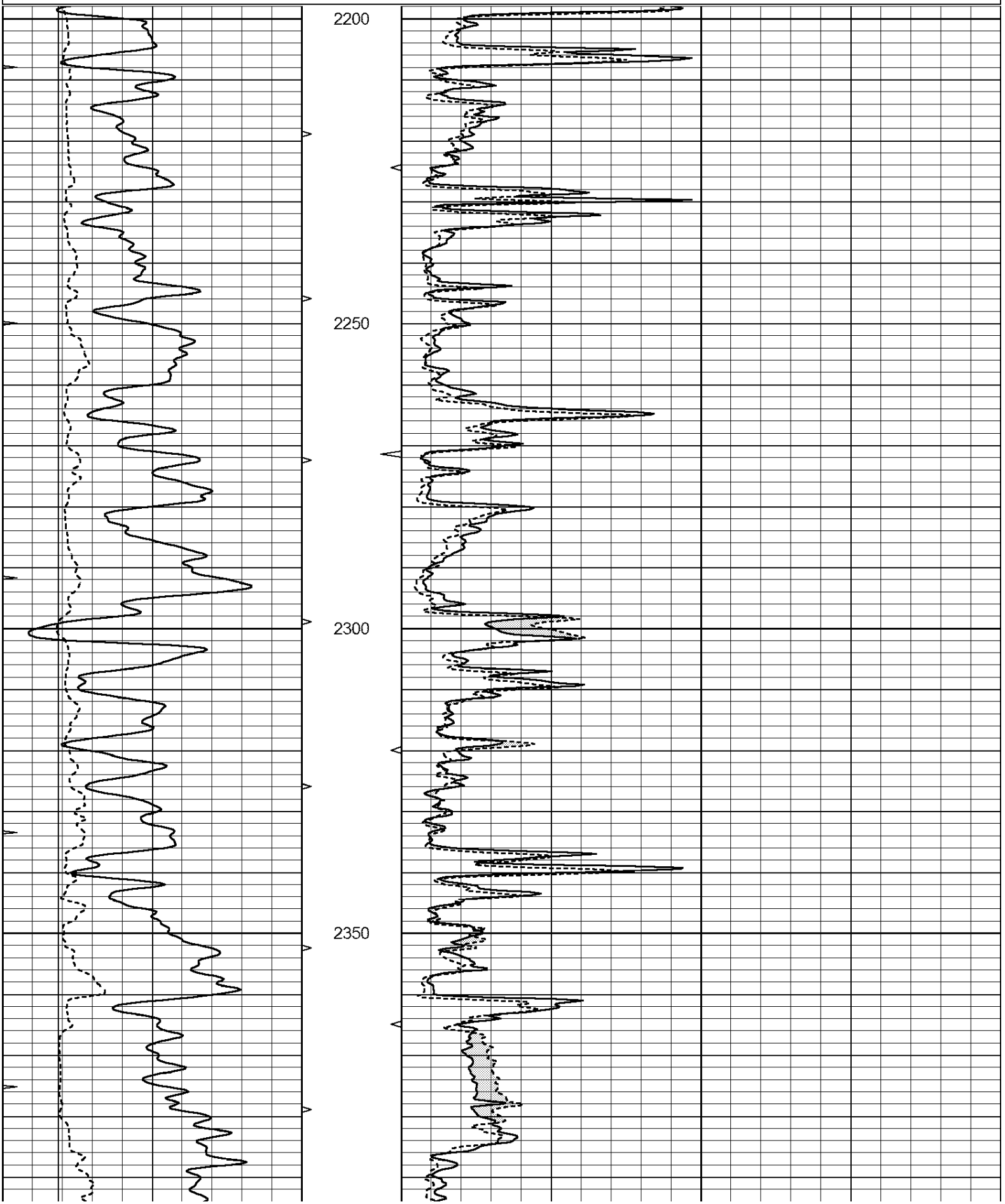
Database File:	409132ddn.db
Dataset Pathname:	pass5.1
Presentation Format:	micro
Dataset Creation:	Sat Jun 02 14:29:01 2012 by Calc Open-Cased 110302
Charted by:	Depth in Feet scaled 1:240

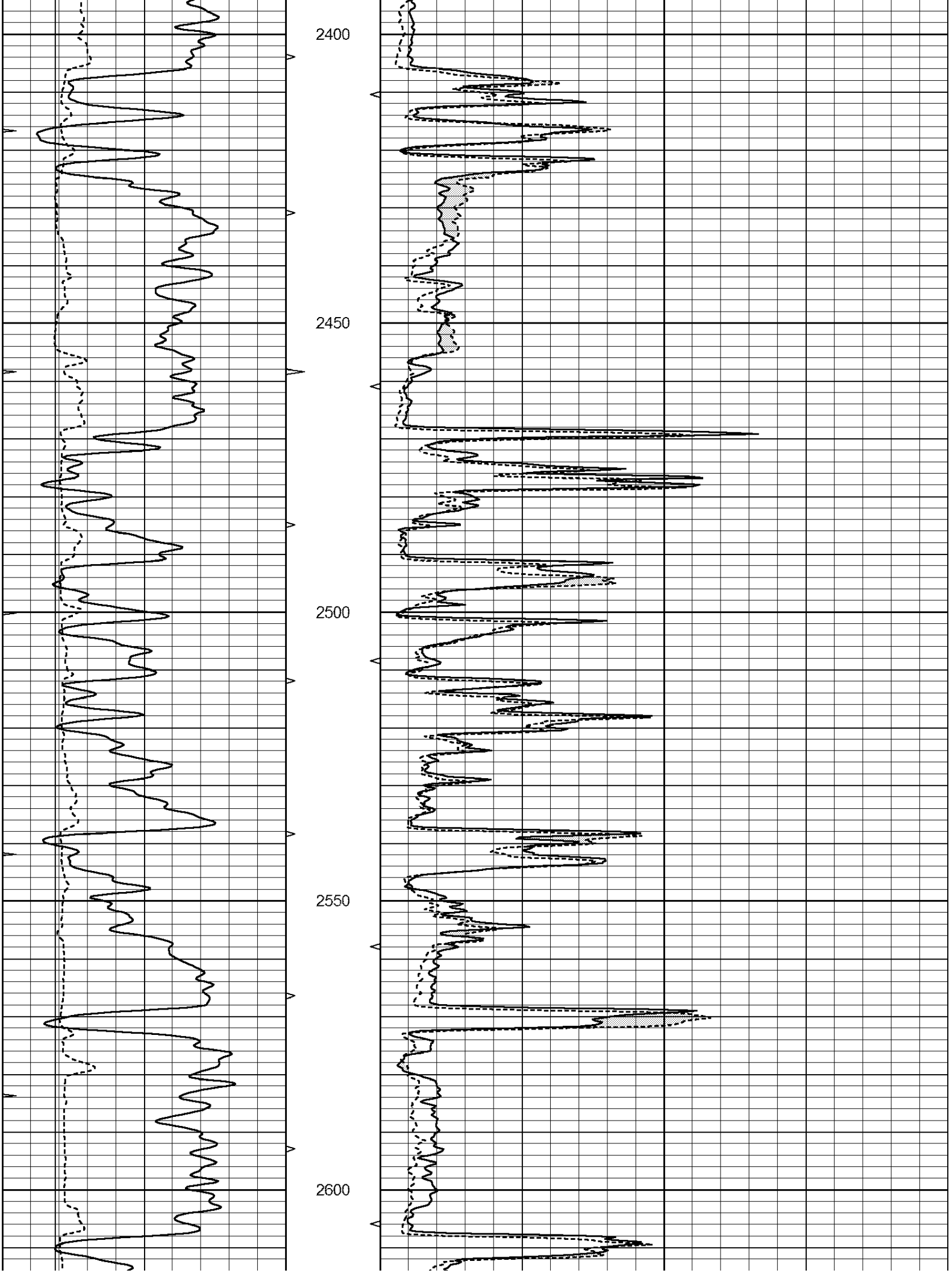
Charted by: Depth in Feet scaled 1:240

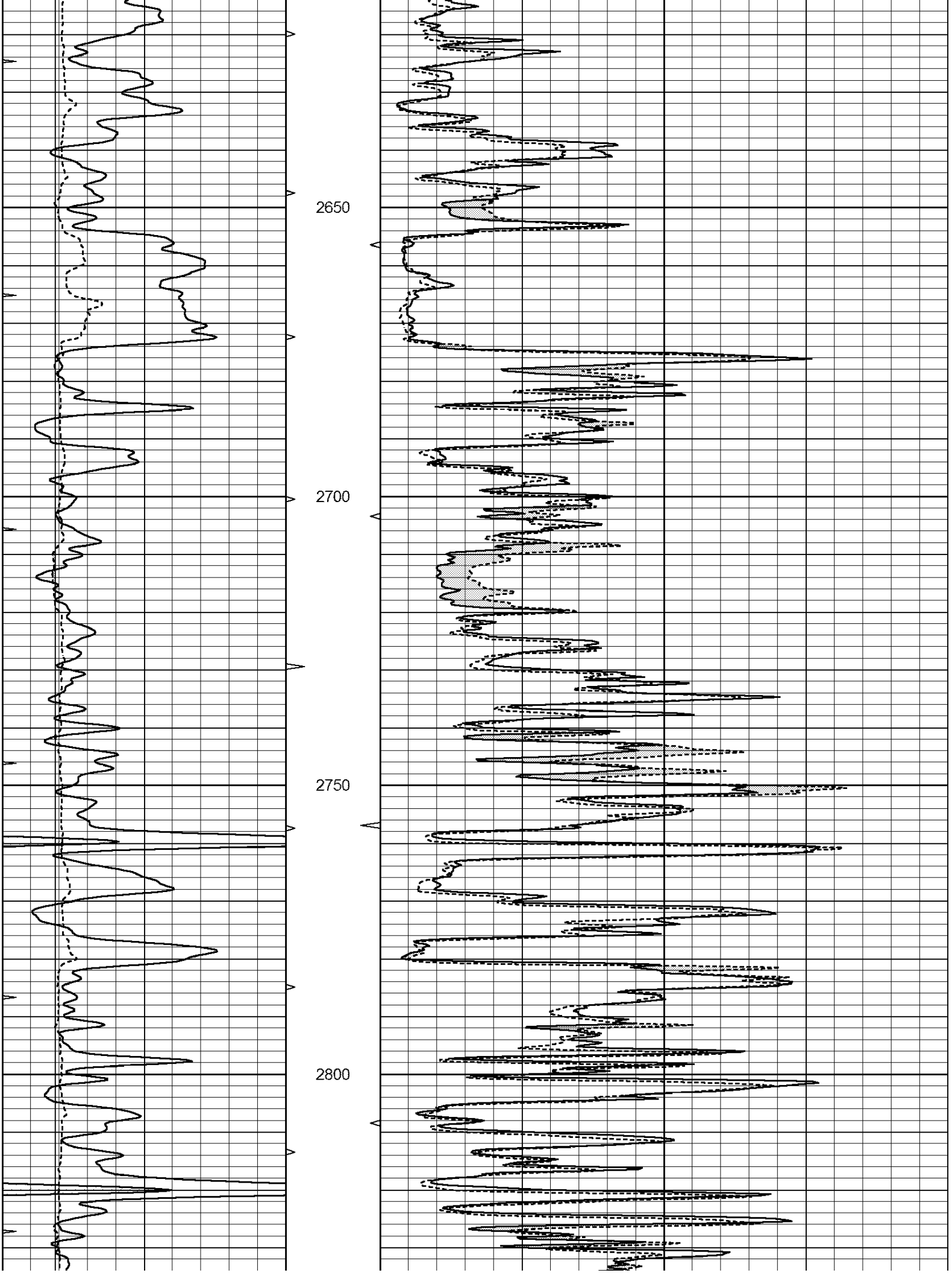
0	GAMMA RAY (GAPI)	150
6	CALIPER (in)	16
0	MINMK	20

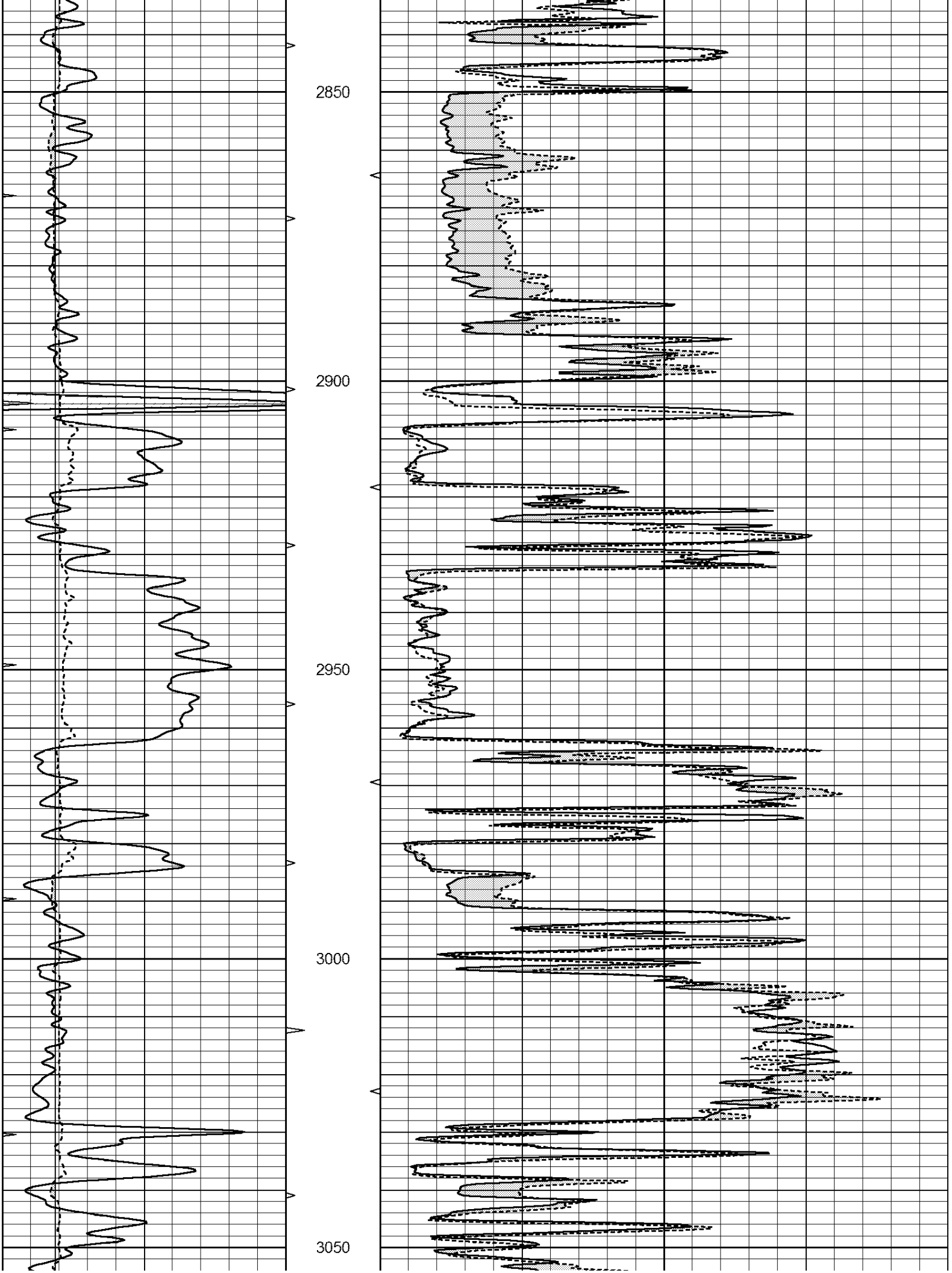
ABHV		
10	(ft3)	0
TBHV		
0	(ft3)	10

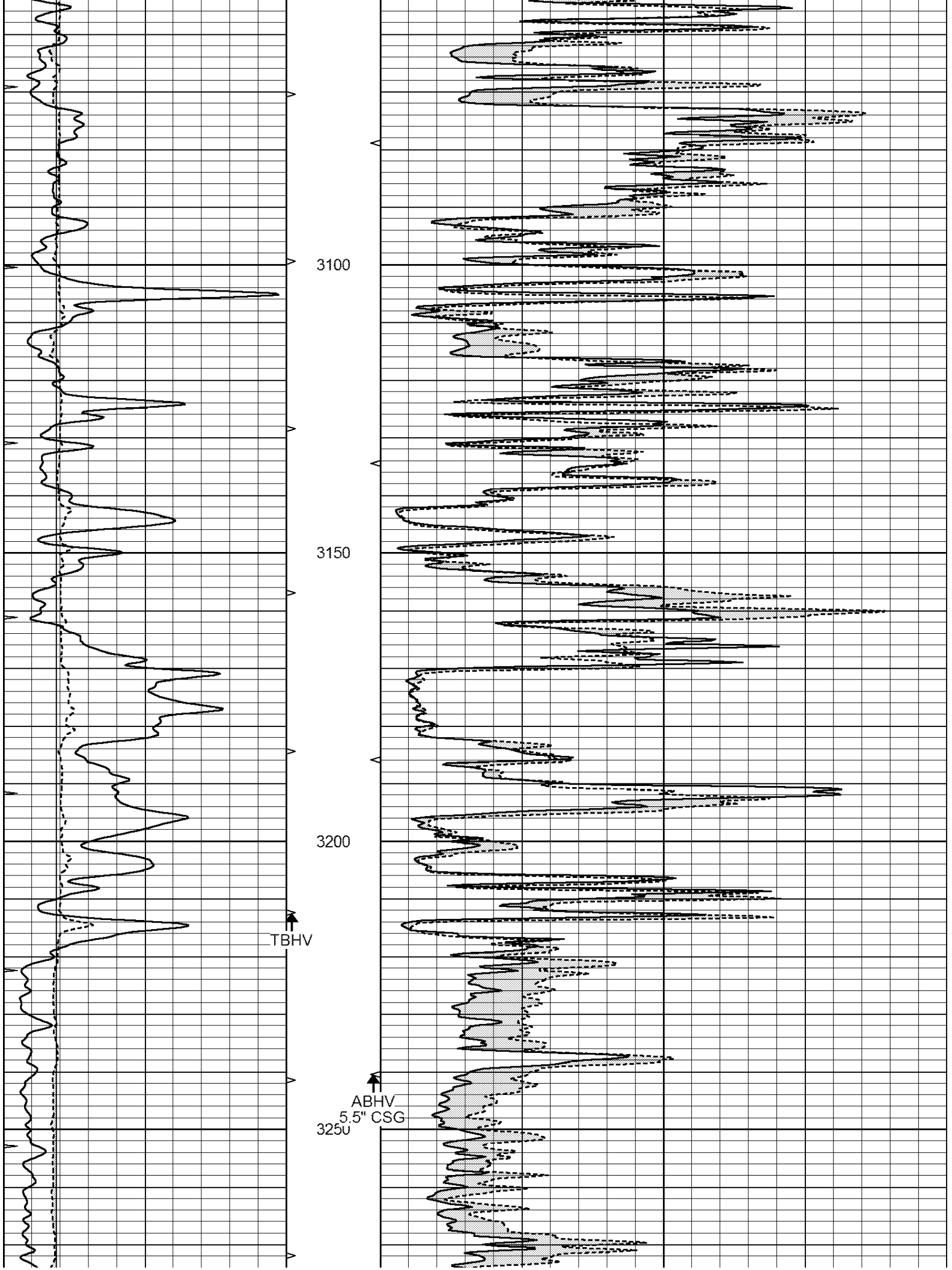
0	MEL1.5 (Ohm-m)	40
0	MEL2.0 (Ohm-m)	40

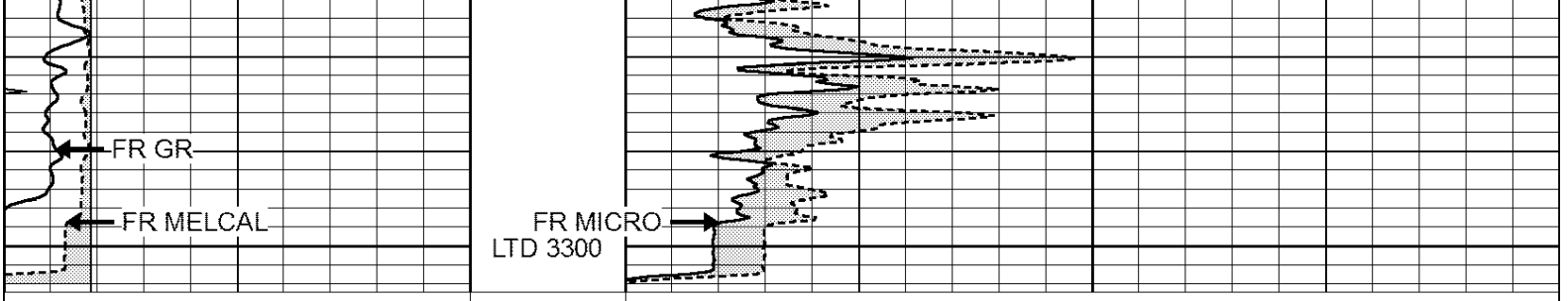



2400
2450
2500
2550
2600


2650
2700
2750
2800


2850
2900
2950
3000
3050

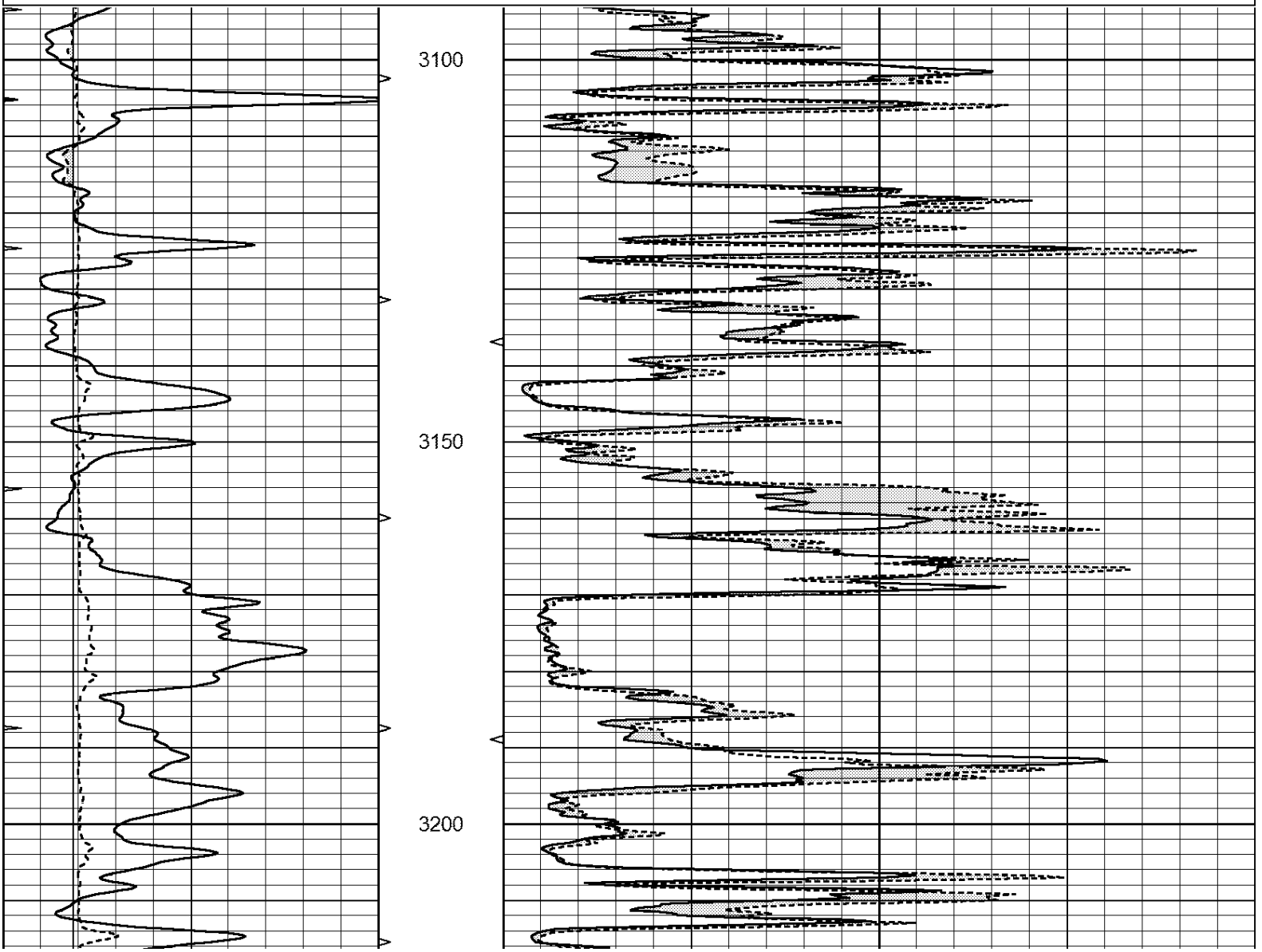

3100
3150
3200
TBHV
ABHV
5.5" CSG
3250

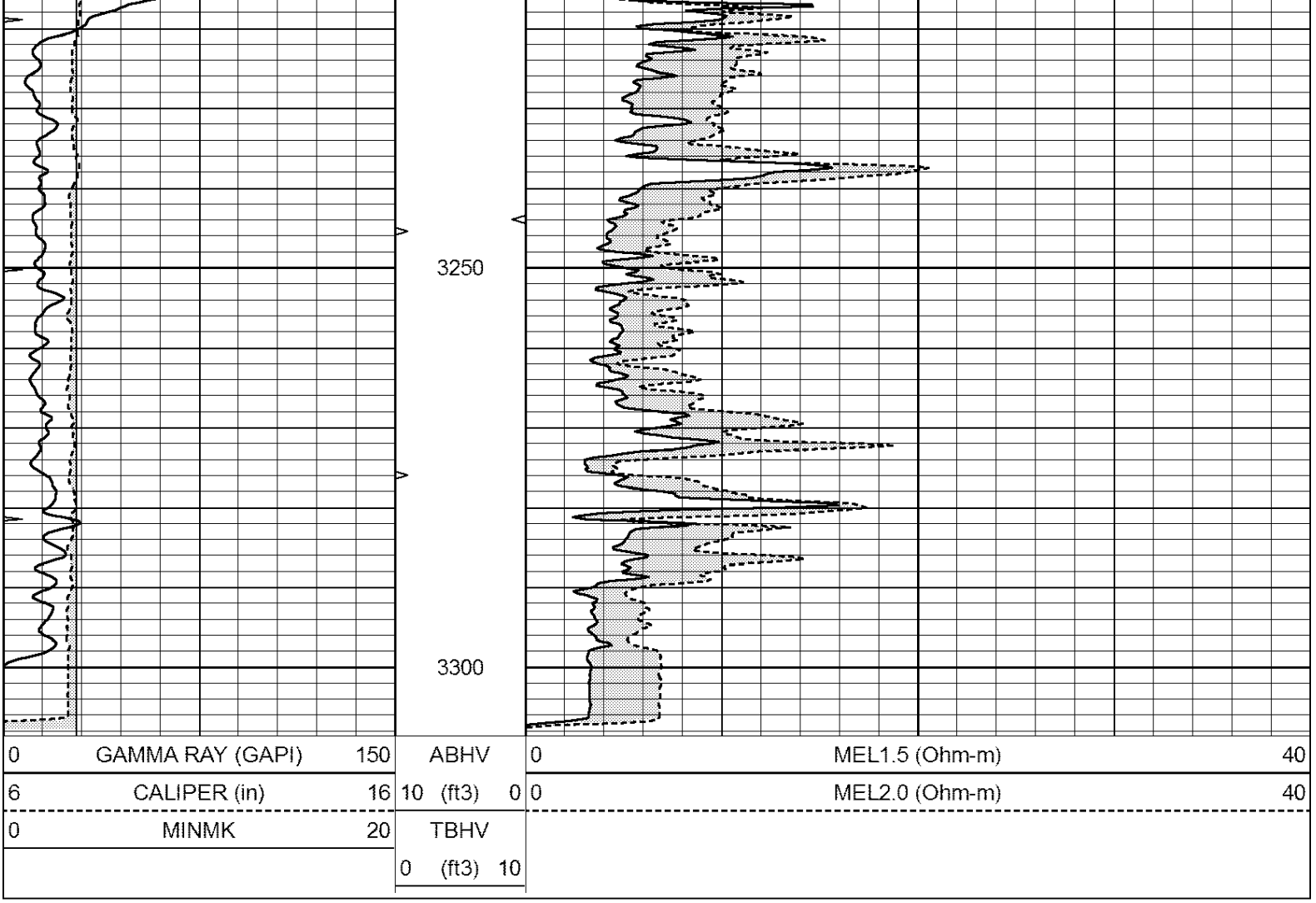


0	GAMMA RAY (GAPI)	150	ABHV		0	MEL1.5 (Ohm-m)	40
6	CALIPER (in)	16	10 (ft3)	0	0	MEL2.0 (Ohm-m)	40
0	MINMK	20	TBHV				
			0 (ft3)	10			

Database File: 409132ddn.db
Dataset Pathname: pass4.1
Presentation Format: micro
Dataset Creation: Sat Jun 02 13:56:15 2012 by Calc Open-Cased 110302
Charted by: Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	ABHV		0	MEL1.5 (Ohm-m)	40
6	CALIPER (in)	16	10 (ft3)	0	0	MEL2.0 (Ohm-m)	40
0	MINMK	20	TBHV				
			0 (ft3)	10			





Calibration Report

Database File: 409132ddn.db
Dataset Pathname: pass5.1
Dataset Creation: Sat Jun 02 14:29:01 2012 by Calc Open-Cased 110302

MICRO Calibration Report

Serial Number:	2	
Tool Model:	PROBE	
Performed:	Wed May 30 09:31:50 2012	
Caliper Calibration:	Gain=4.105	Offset=3.360
	Low Cal	High Cal
References	8.000	15.000
Readings	1.130	2.835
1.5" Calibration:	Gain=20.000	Offset=-0.100
	Low Cal	High Cal
References	0.000	20.000
Readings	0.065	1.210
2" Calibration:	Gain=40.000	Offset=-0.200
	Low Cal	High Cal
References	0.000	20.000
Readings	0.012	1.043

Gamma Ray Calibration Report

Serial Number:	GR4

Tool Model:	OPEN	
Performed:	Wed May 30 16:27:04 2012	
Calibrator Value:	200.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	189.0	cps
Sensitivity:	1.2000	GAPI/cps