



NABORS

**COMPLETION
& PRODUCTION
SERVICES CO.**

**MICRO
LOG**

Company	CITATION OIL & GAS CORPORATION		
Well	BARRY "D" #7		
Field	BARRY		
County	ROOKS		
State	KANSAS		
Location:	Company	CITATION OIL & GAS CORPORATION	
	Well	BARRY "D" #7	
	Field	BARRY	
	County	ROOKS	
Location:	State	KANSAS	
	AP#	15-163-24205-0000	
	345' FNL & 1022' FEL		
	SEC 11 TWP 9S RGE 19W		
Permanent Datum	GROUND LEVEL	Elevation	2021
Log Measured From	KELLY BUSHING 8' A.G.L.		
Drilling Measured From	KELLY BUSHING		
		Other Services	CDL/CNL/PE DIL/SON/FF
		Elevation	K.B. 2029 D.F. 2027 G.L. 2021
Date	5/28/14		
Run Number	TWO		
Depth Driller	3540		
Depth Logger	3540		
Bottom Logged Interval	3524		
Top Log Interval	2500		
Casing Driller	8 5/8"@1410'		
Casing Logger	1406		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 2,000 PPM	
Density / Viscosity	9.1/5.1		
pH / Fluid Loss	10.0/7.6		
Source of Sample	FLOWLINE		
Rim @ Meas. Temp	.950@75F		
Rinf @ Meas. Temp	.713@75F		
Rmc @ Meas. Temp	1.14@75F		
Source of Rinf / Rmc	MEASUREMENT		
Rim @ BHT	.636@112F		
Time Circulation Stopped	3.5 HOURS		
Time Logger on Bottom	4:15 A.M.		
Maximum Recorded Temperature	112F		
Equipment Number	4854		
Location	HAYS, KANSAS		
Recorded By	JEFF LUEBBERS		
Witnessed By	ED GLASSMAN	BRYAN GOTTFRIED	

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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 "NABORS" HAYS, KANSAS (785) 628-6395
DIRECTIONS
ZURICH, KS., 4N. ON BLKTOP TO "RD. T", 2E., S. INTO



NABORS

**COMPLETION
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MAIN SECTION

Database File:

24161pe.db

Dataset Pathname:

pass8.8

Presentation Format:

micro

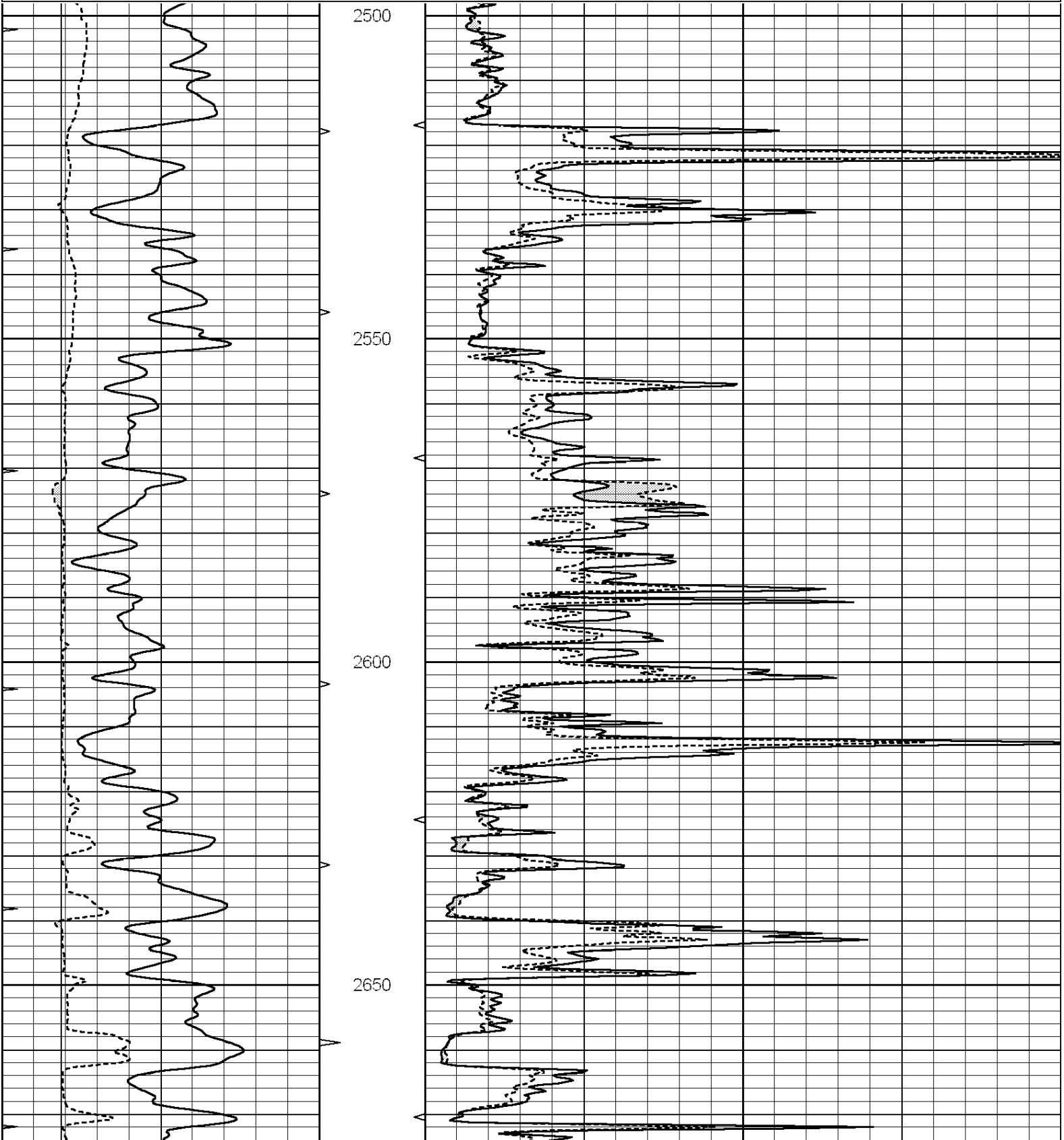
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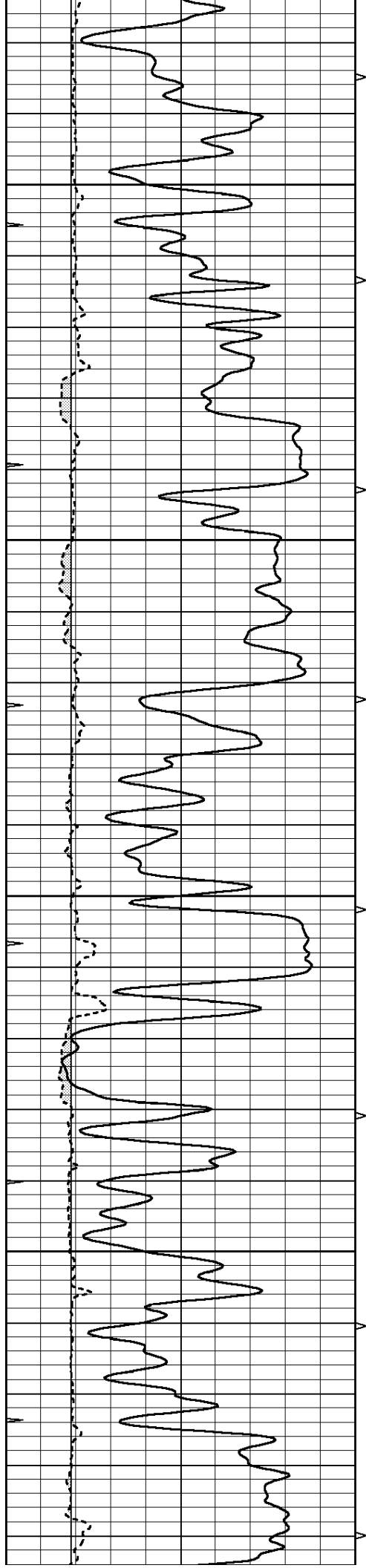
Wed May 28 13:13:08 2014 by Calc SOC 120430

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		



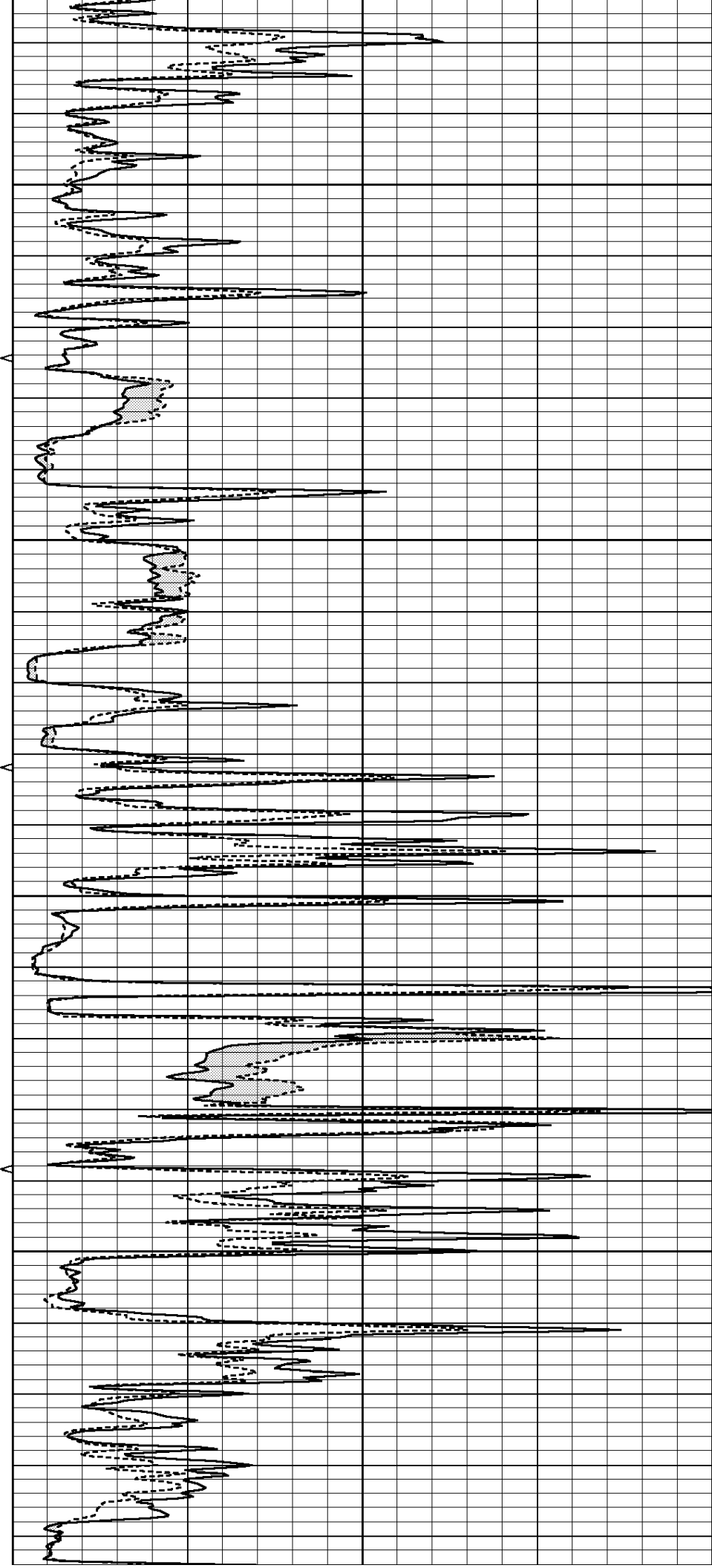


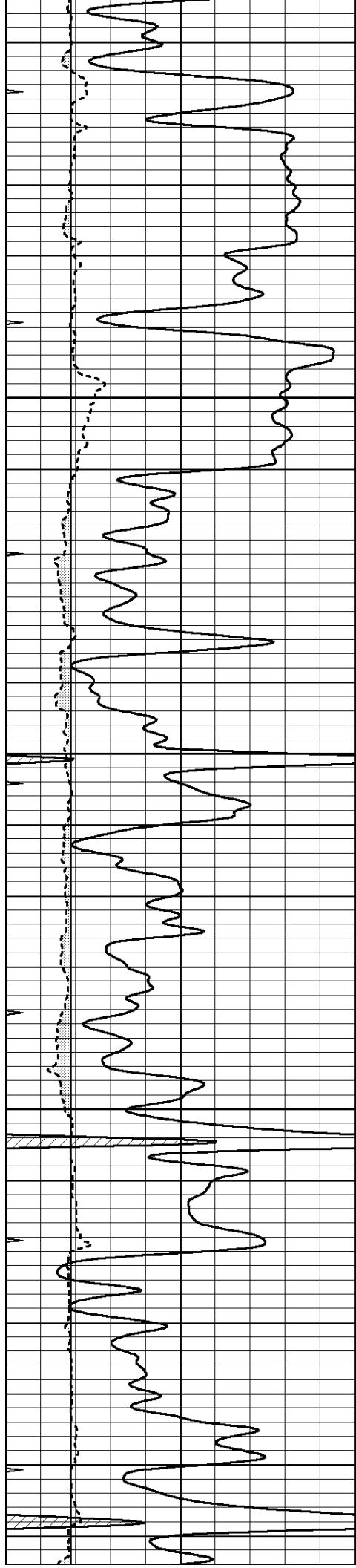
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2750

2800

2850





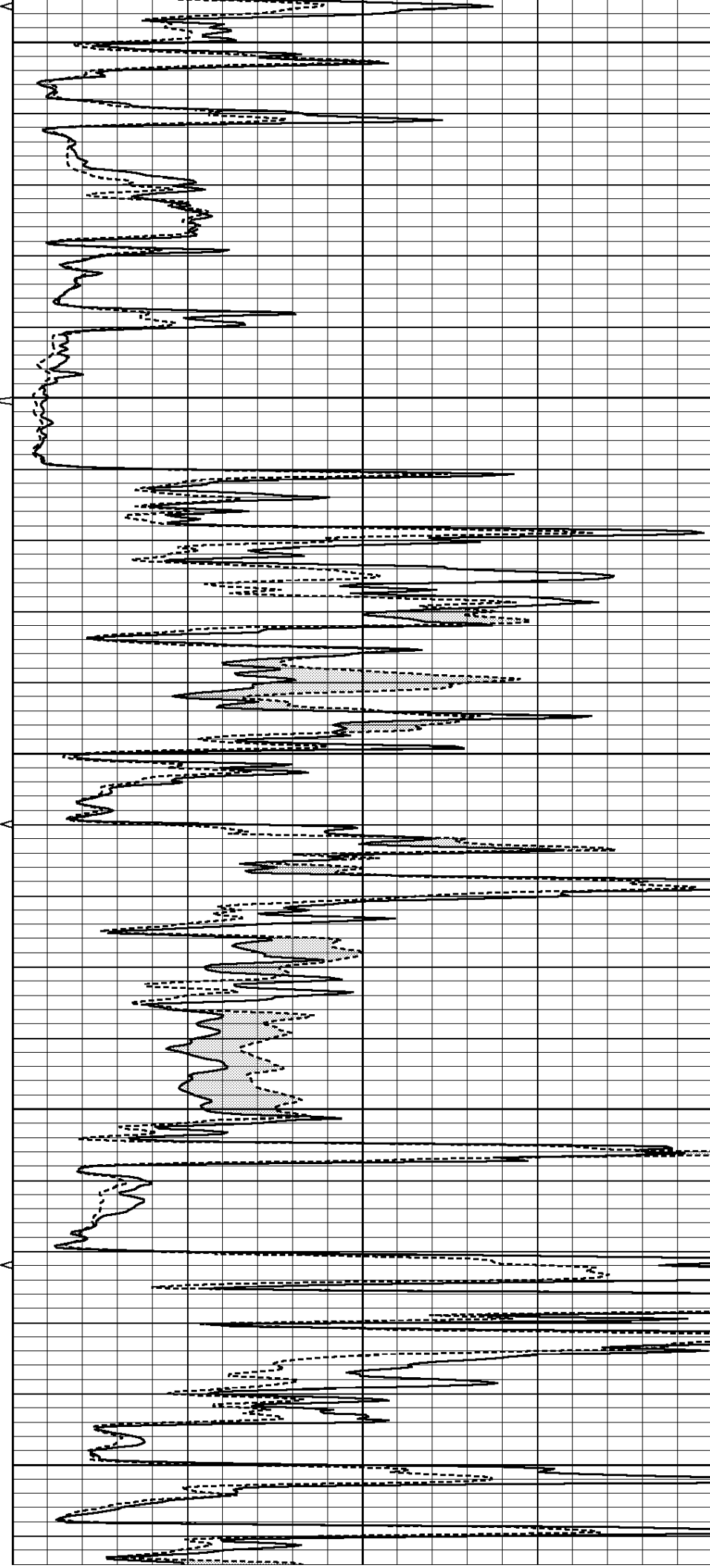
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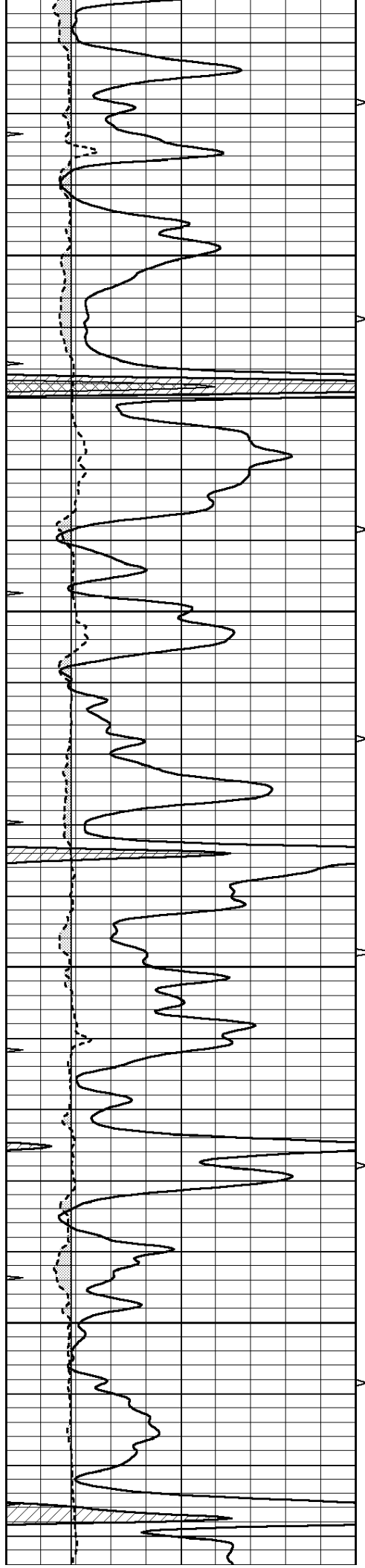
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3050

3100



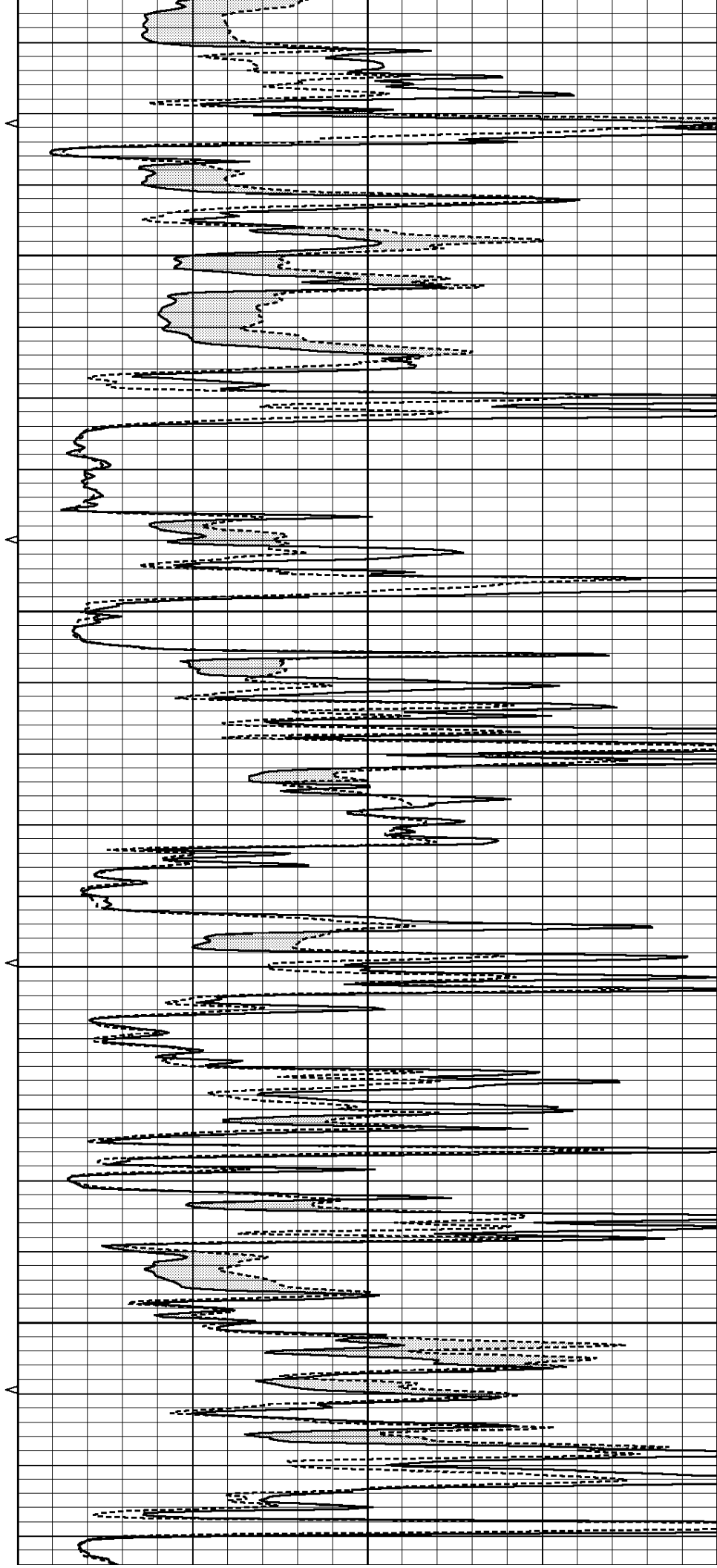


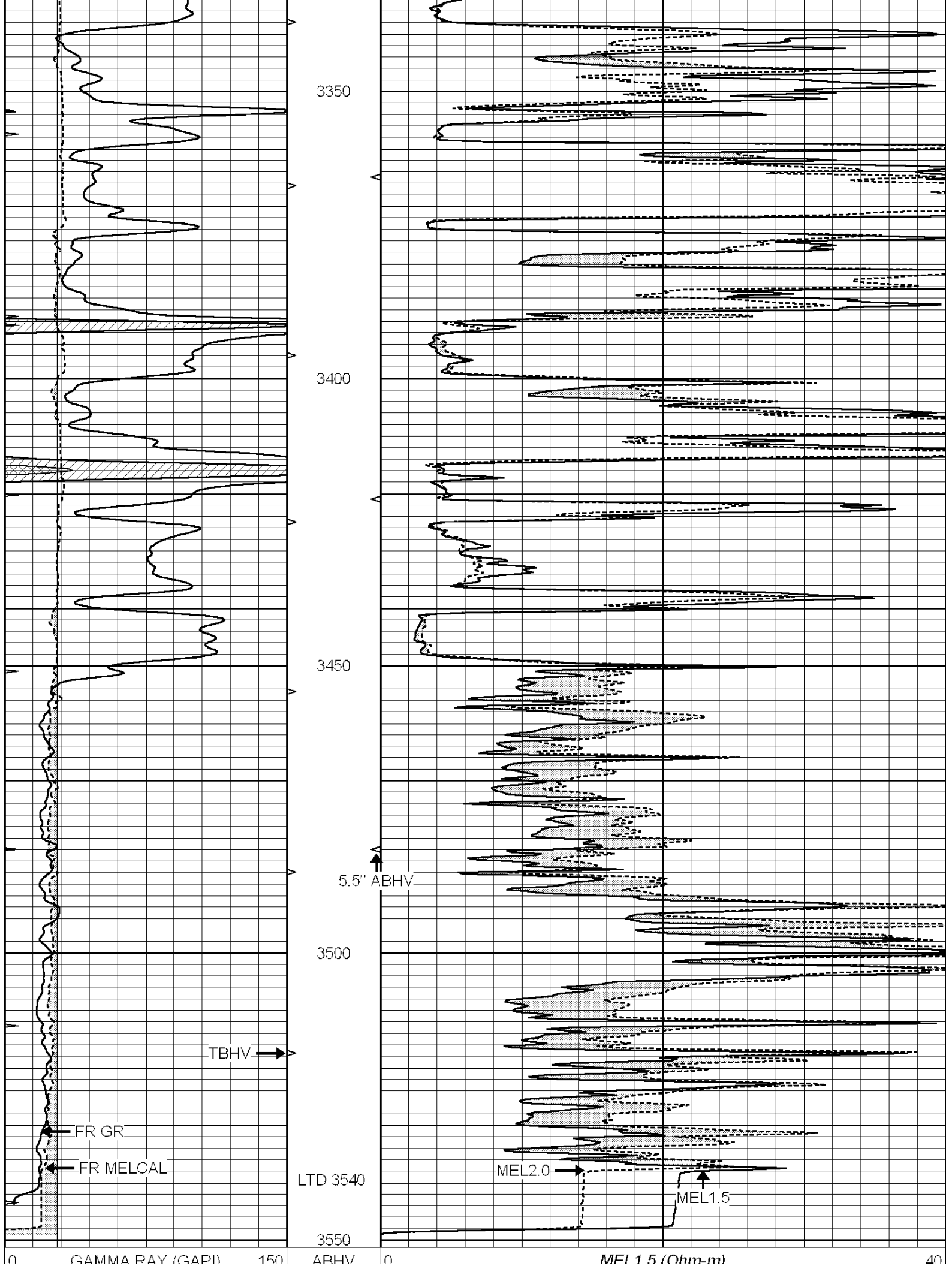
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3200

3250

3300





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

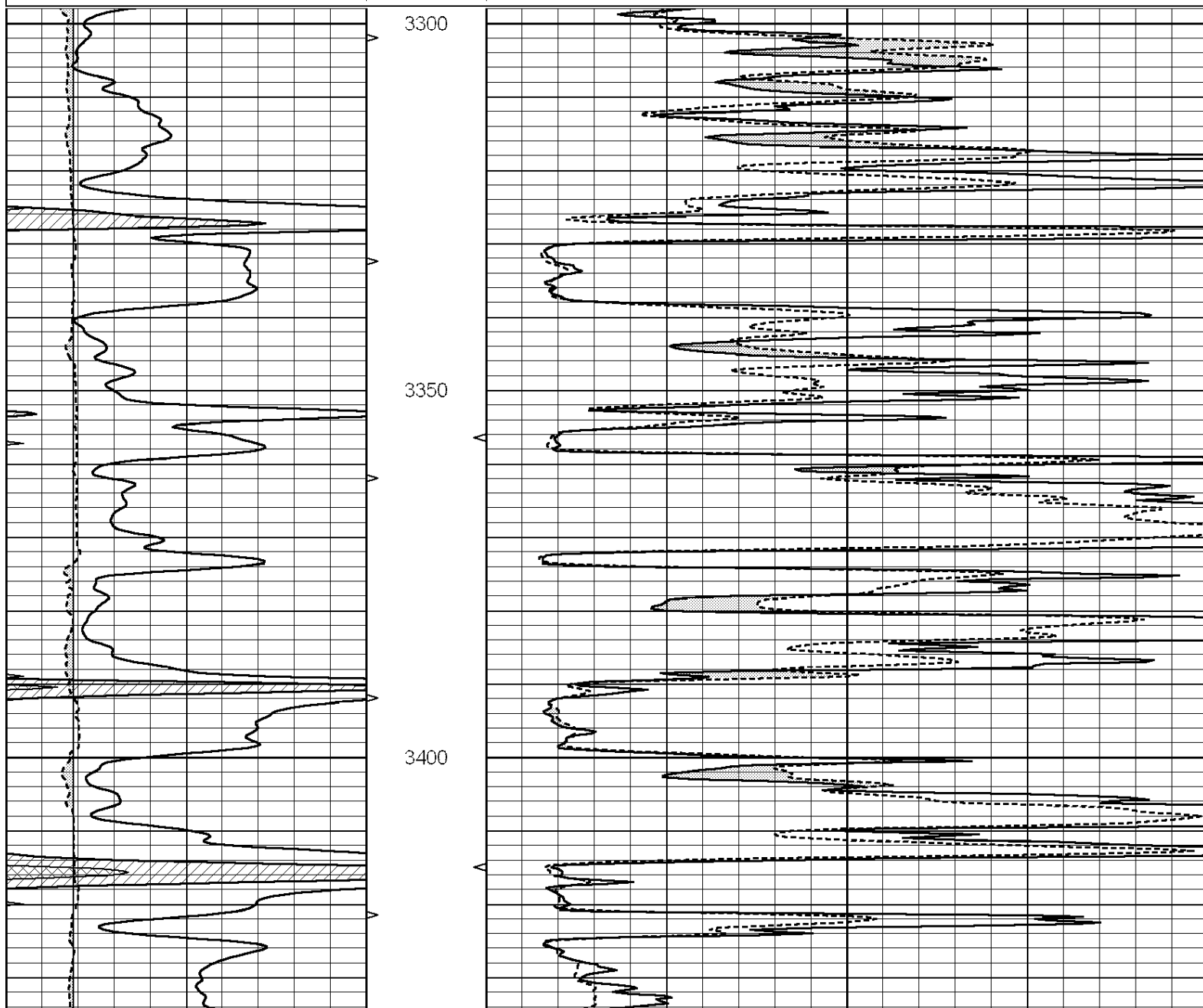


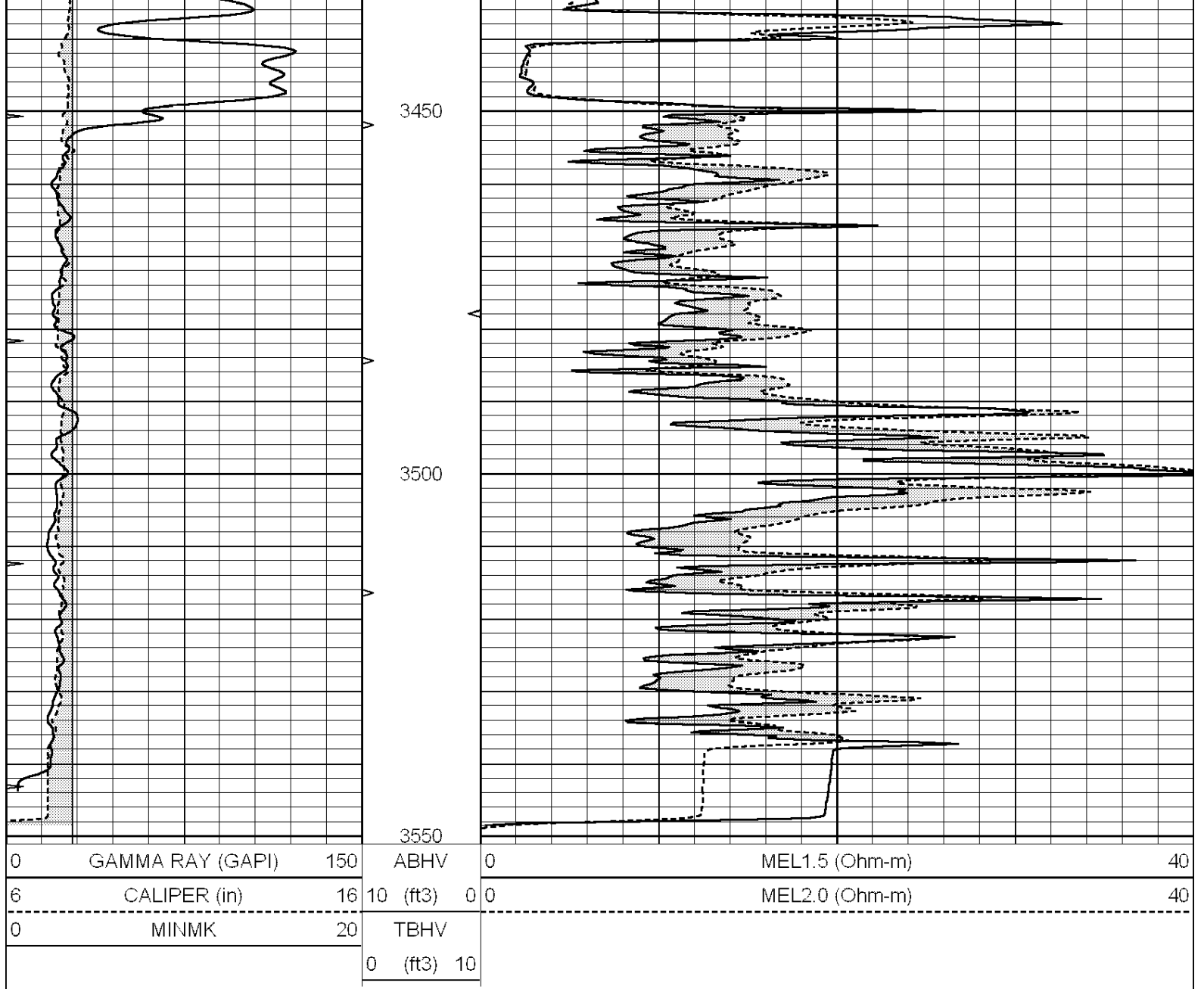
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REPEAT SECTION

Database File: 24161pe.db
Dataset Pathname: pass7.5
Presentation Format: micro
Dataset Creation: Wed May 28 13:22:47 2014 by Calc SOC 120430
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	MEL2.0 (Ohm-m)	40
0	MINMK	20	TBHV			
			0 (ft3)	10		





Calibration Report			
Database File:	24161pe.db		
Dataset Pathname:	pass8.8		
Dataset Creation:	Wed May 28 13:13:08 2014 by Calc SOC 120430		
MICRO Calibration Report			
Serial Number:	070910		
Tool Model:	ProbeN		
Performed:	Mon Apr 28 07:45:19 2014		
Caliper Calibration:	Gain=4.150	Offset=1.460	
References	Low Cal	High Cal	
Readings	7.900	15.000	
	1.552	3.263	
1.5" Calibration:	Gain=30.000	Offset=0.000	
References	Low Cal	High Cal	
Readings	0.000	20.000	
	0.000	1.216	
2" Calibration:	Gain=55.000	Offset=0.000	

References	Low Cal	High Cal
Readings	0.000	20.000
	0.002	1.053
Gamma Ray Calibration Report		
Serial Number:	070559	
Tool Model:	OPEN_GR	
Performed:	Wed May 28 12:34:07 2014	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	0.2200	GAPI/cps