



NABORS

**COMPLETION
& PRODUCTION
SERVICES CO.**

**MICRO
LOG**

Company		CHARTER ENERGY, INC.	
Well		VONFELDT #1	
Field		WILDCAT	
County		ELLIS	
State		KANSAS	
Company		CHARTER ENERGY, INC.	
Well		VONFELDT #1	
Field		WILDCAT	
County		ELLIS	
State		KANSAS	
Location:		API # : 15-051-26675-0000	
Permanent Datum		GROUND LEVEL	
Log Measured From		2970' FSL & 1478' FWL	
Drilling Measured From		W/2 - SW - SE - NW	
SEC 18 TWP 15S RGE 16W		Elevation	
		K.B. 1969	
		D.F. 1967	
		G.L. 1963	
Other Services		CDL/CNL	
		DIL	
Date	3/23/14		
Run Number	TWO		
Depth Driller	3625		
Depth Logger	3624		
Bottom Logged Interval	3622		
Top Log Interval	3000		
Casing Driller	8 5/8" @ 1096'		
Casing Logger	1098		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 6,700 PPM	
Density / Viscosity	9.5/52		
pH / Fluid Loss	10.0/7.2		
Source of Sample	FLOWLINE		
Rim @ Meas. Temp	.800 @ 60F		
Rmf @ Meas. Temp	.600 @ 60F		
Rmc @ Meas. Temp	.960 @ 60F		
Source of Rmf / Rmc	MEASUREMENT		
Rim @ BHT	.425 @ 113F		
Time Circulation Stopped	3.5 HOURS		
Time Logger on Bottom	12:45 A.M.		
Maximum Recorded Temperature	113F		
Equipment Number	4854		
Location	HAYS, KANSAS		
Recorded By	JEFF LUEBBERS		
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 "NABORS" HAYS, KANSAS (785) 628-6395
DIRECTIONS
VICTORIA, KS., 6 1/2S. ON "PFEIFER BLKTOP", E. INTO



**COMPLETION
& PRODUCTION**

MAIN SECTION

Database File:

22271ddn.db

Dataset Pathname:

pass6.1

Presentation Format:

micro

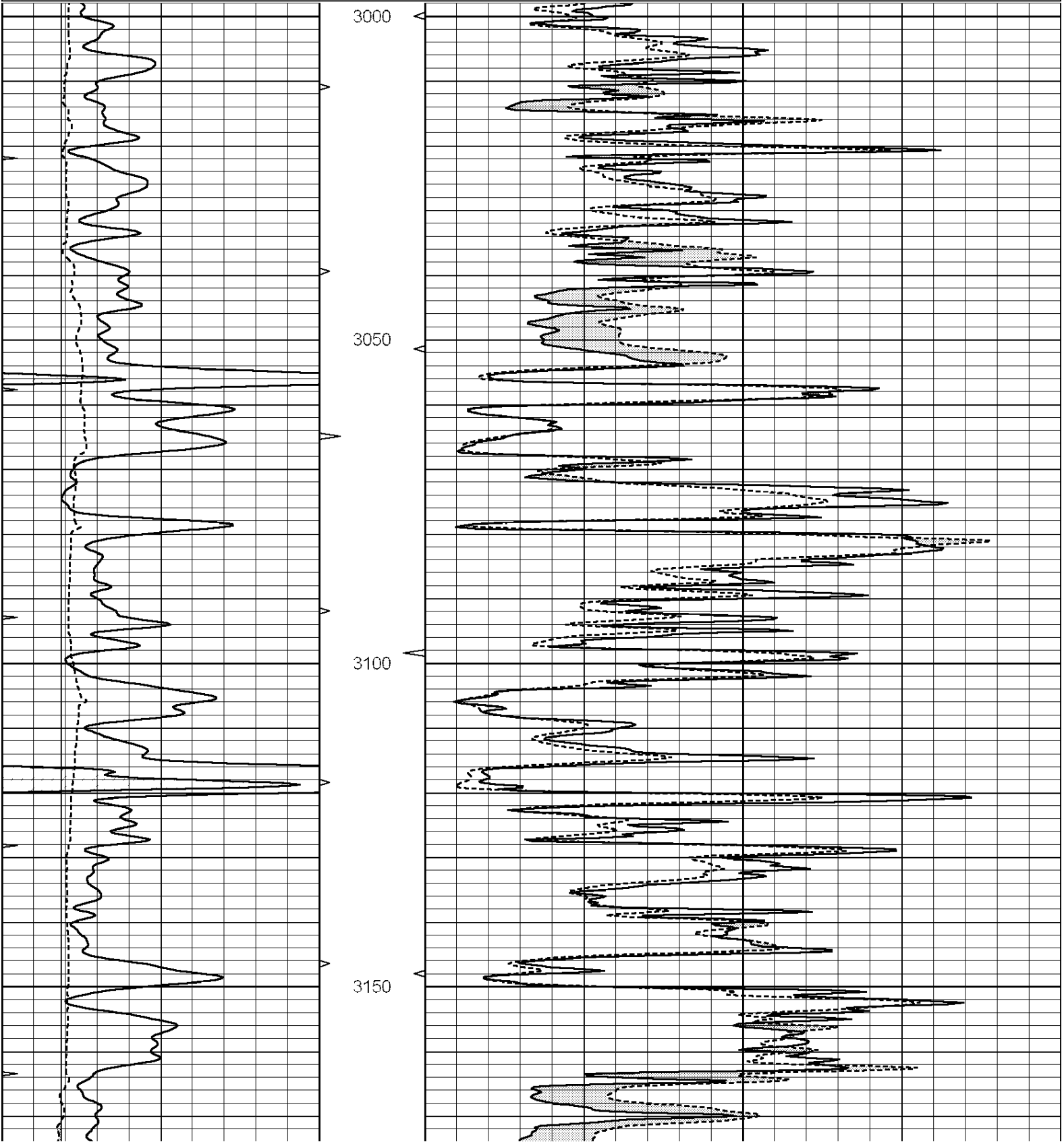
Dataset Creation:

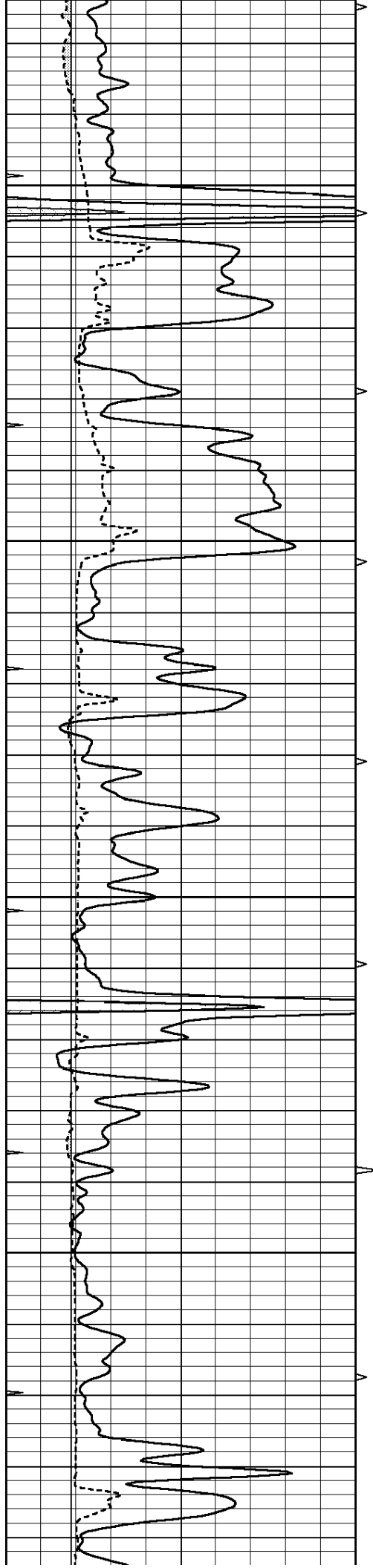
Mon Mar 24 03:05:03 2014 by Calc SOC 120430

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		



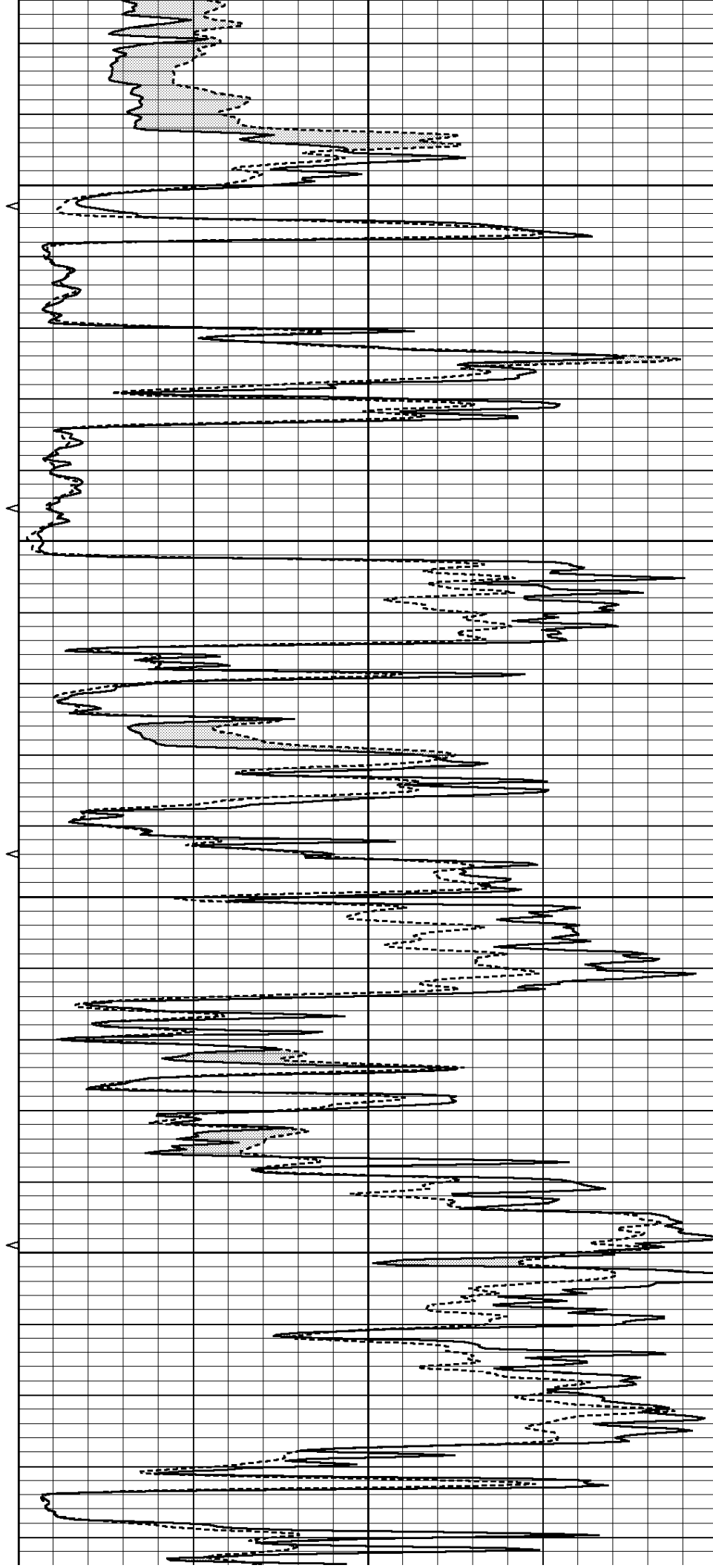


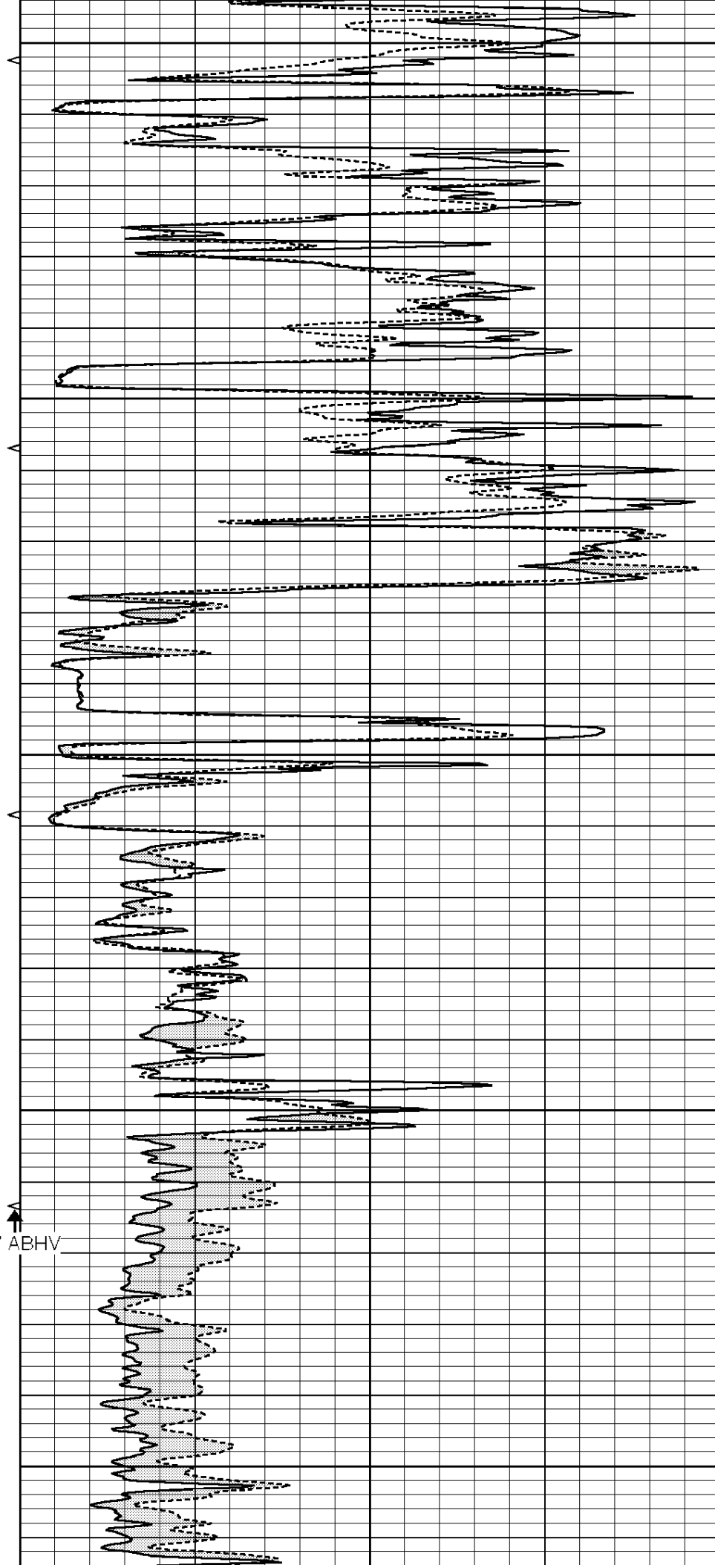
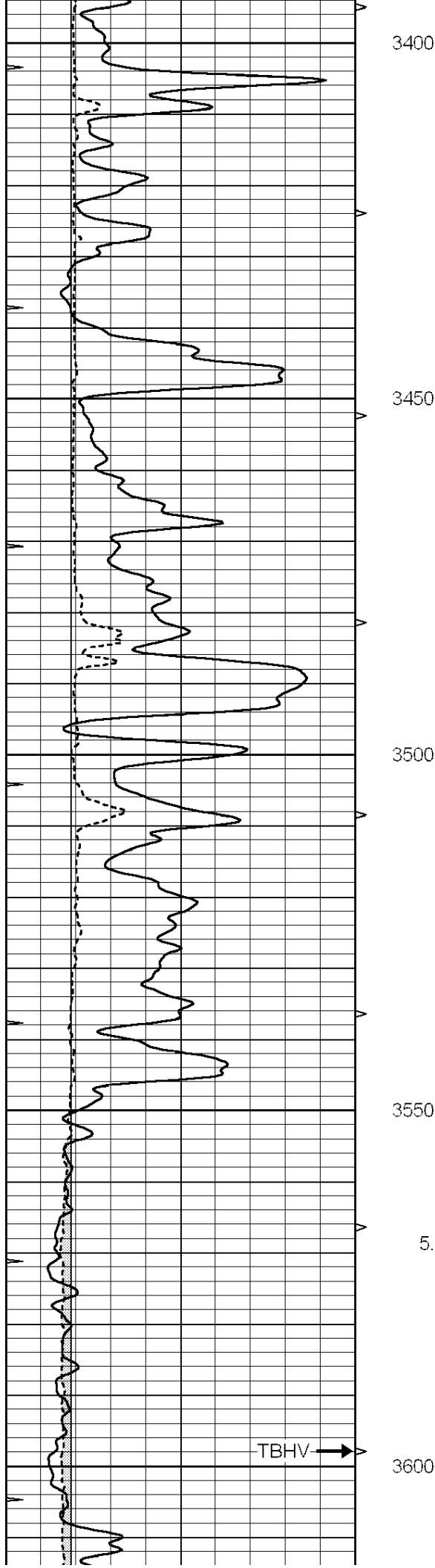
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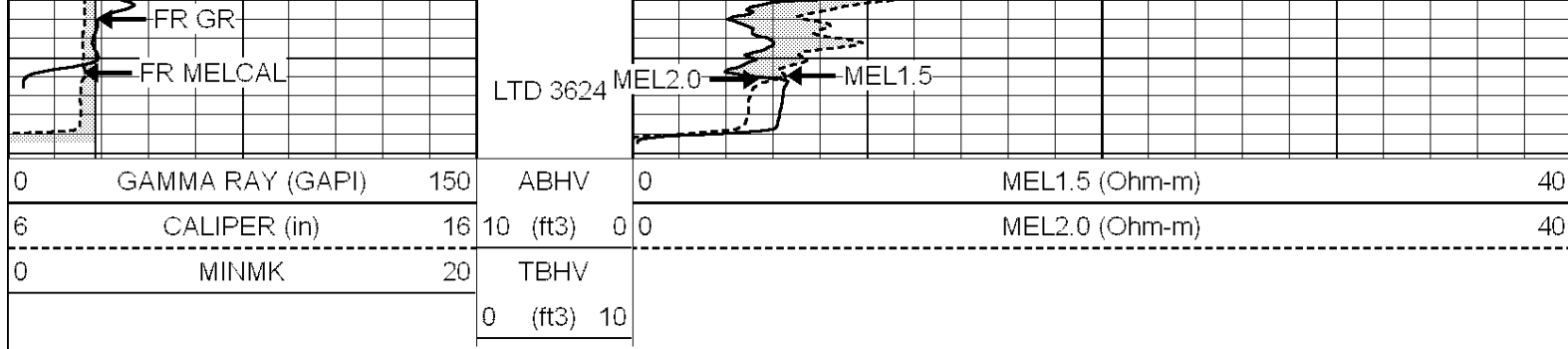
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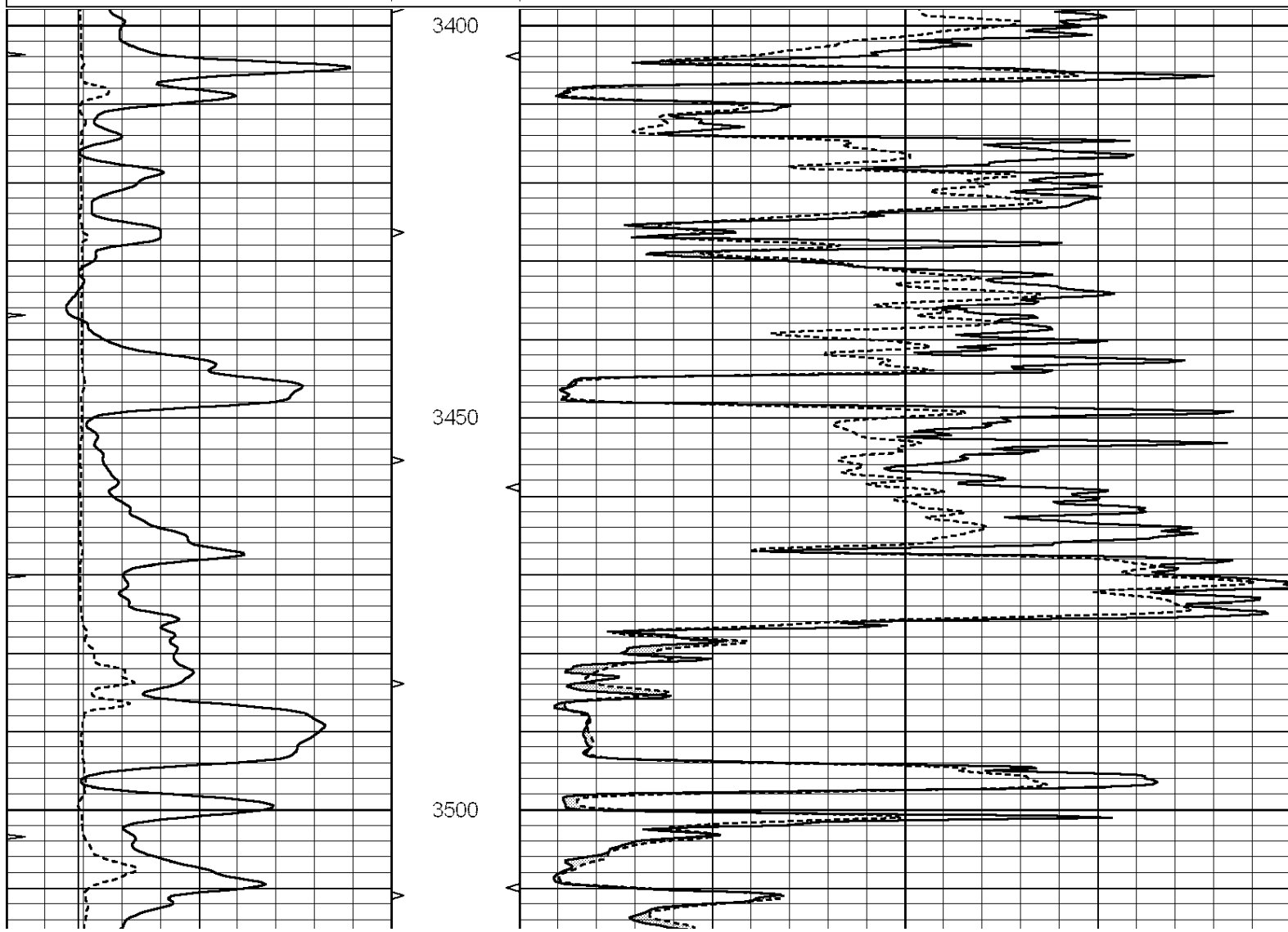
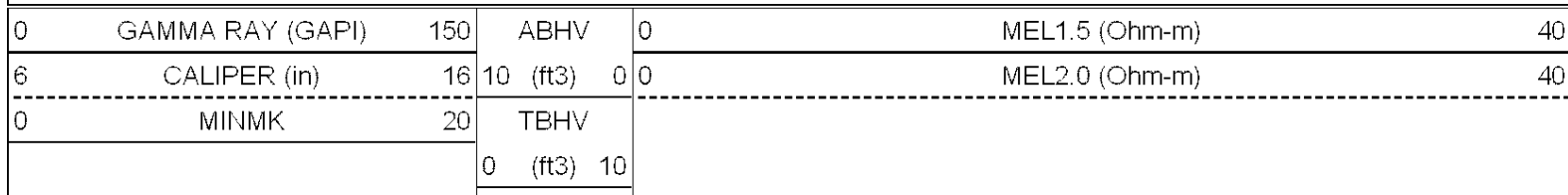


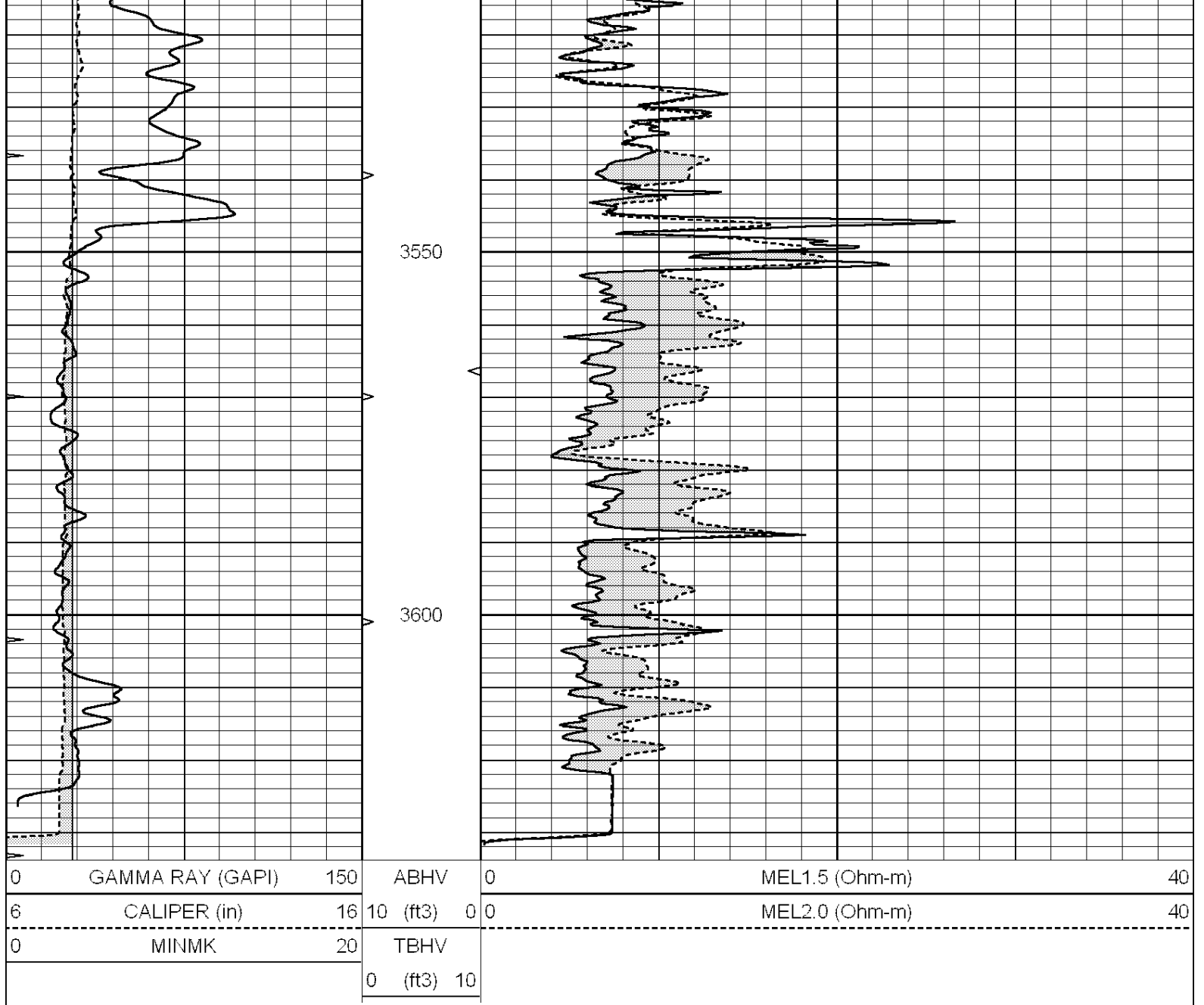




REPEAT SECTION

Database File: 22271ddn.db
 Dataset Pathname: pass5.1
 Presentation Format: micro
 Dataset Creation: Mon Mar 24 02:42:52 2014 by Calc SOC 120430
 Charted by: Depth in Feet scaled 1:240





Calibration Report

Database File: 22271ddn.db
Dataset Pathname: pass6.1
Dataset Creation: Mon Mar 24 03:05:03 2014 by Calc SOC 120430

MICRO Calibration Report

Serial Number: 070910
Tool Model: ProbeN
Performed: Fri Mar 07 13:40:05 2014

Caliper Calibration: Gain=4.092 Offset=1.651
References Low Cal High Cal
8.000 15.000
Readings 1.552 3.263

1.5" Calibration: Gain=20.000 Offset=0.200
References Low Cal High Cal
0.000 20.000
Readings 0.001 1.229

2" Calibration: Gain=55.000 Offset=1.200

2 Calibration:

Gain=55.000

Onset=-1.500

References

Low Cal

High Cal

Readings

0.000

20.000

0.004

1.057

Gamma Ray Calibration Report

Serial Number:

070559

Tool Model:

OPEN_GR

Performed:

Mon Mar 24 02:01:13 2014

Calibrator Value:

1.0

GAPI

Background Reading:

0.0

cps

Calibrator Reading:

1.0

cps

Sensitivity:

0.2200

GAPI/cps