



SUPERIOR
Hays,
Kansas

MICRO LOG

Company	MULL DRILLING CO, INC.	Company	MULL DRILLING COMPANY, INC.
Well	COBERLY #1-2	Well	COBERLY #1-2
Field	WILDCAT	Field	WILDCAT
County	GOVE	County	GOVE
State	KANSAS	State	KANSAS
Location:	API # : 15-063-21759-0000	Other Services CDL/CNL DIL/SONIC	
Permanent Datum	GROUND LEVEL	Elevation	2514
Log Measured From	KELLY BUSHING 5' A.G.L.		
Drilling Measured From	KELLY BUSHING		
Date	25 NOV 08		
Run Number	ONE		
Depth Driller	4400		
Depth Logger	4402		
Bottom Logged Interval	4400		
Top Log Interval	3600		
Casing Driller	8 5/8" @ 225'		
Casing Logger	224'		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD		
Density / Viscosity	9.3/49	CHLORIDES	4500
pH / Fluid Loss	10.0/8.0		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	1.20 @ 73		
Rmf @ Meas. Temp	0.90 @ 73		
Rmc @ Meas. Temp	1.44 @ 73		
Source of Rmf / Rmc	CAL/CAL		
Rm @ BHT	0.73 @ 120		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom	0715		
Maximum Recorded Temperature	120		
Equipment Number	860		
Location	HAYS, KS.		
Recorded By	JOE CRATHORNE		
Witnessed By	KEVIN KESSLER		

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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

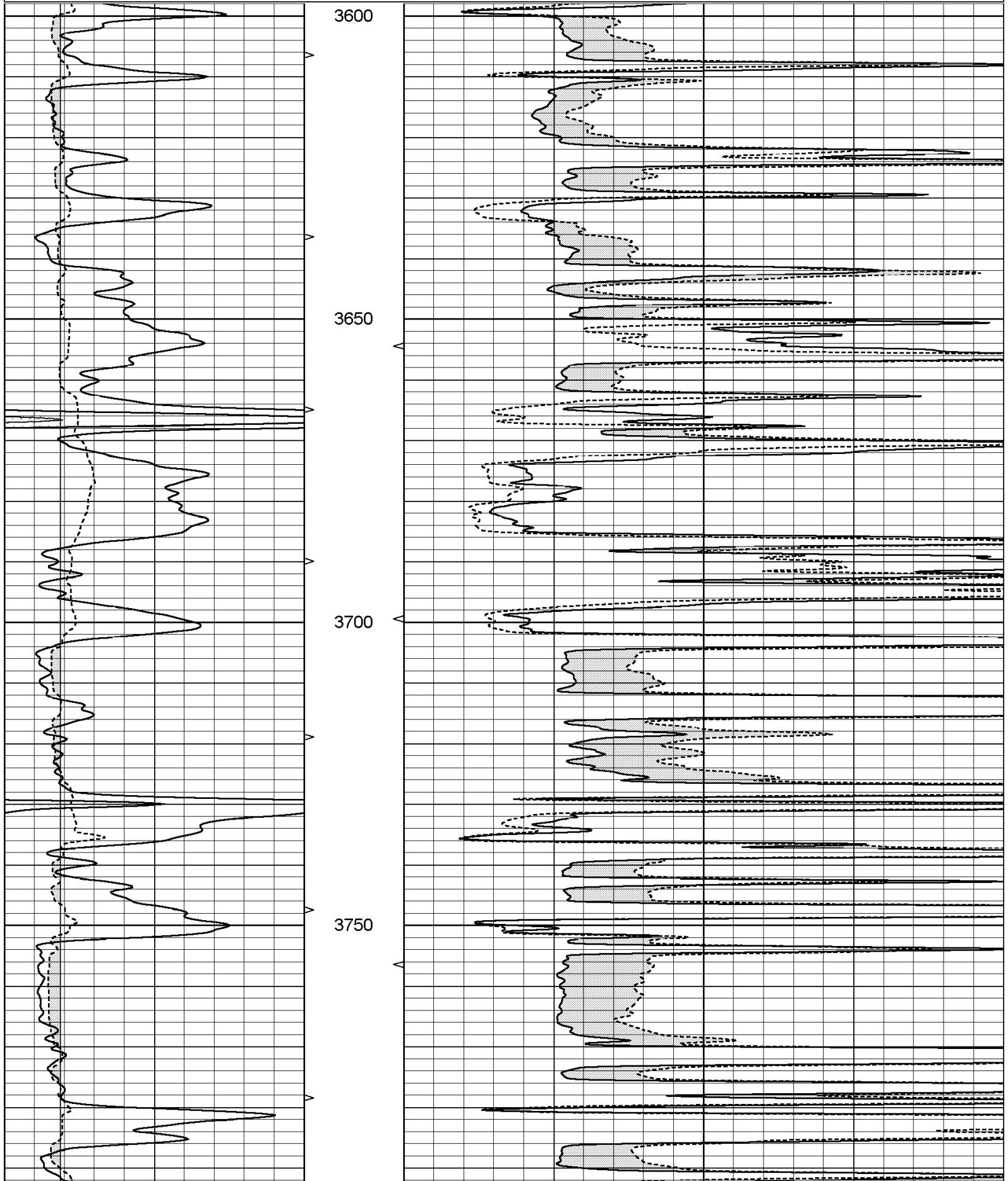
THANK YOU FOR USING SUPERIOR WELL SERVICES, INC.
HAYS, KS.
785-628-6395

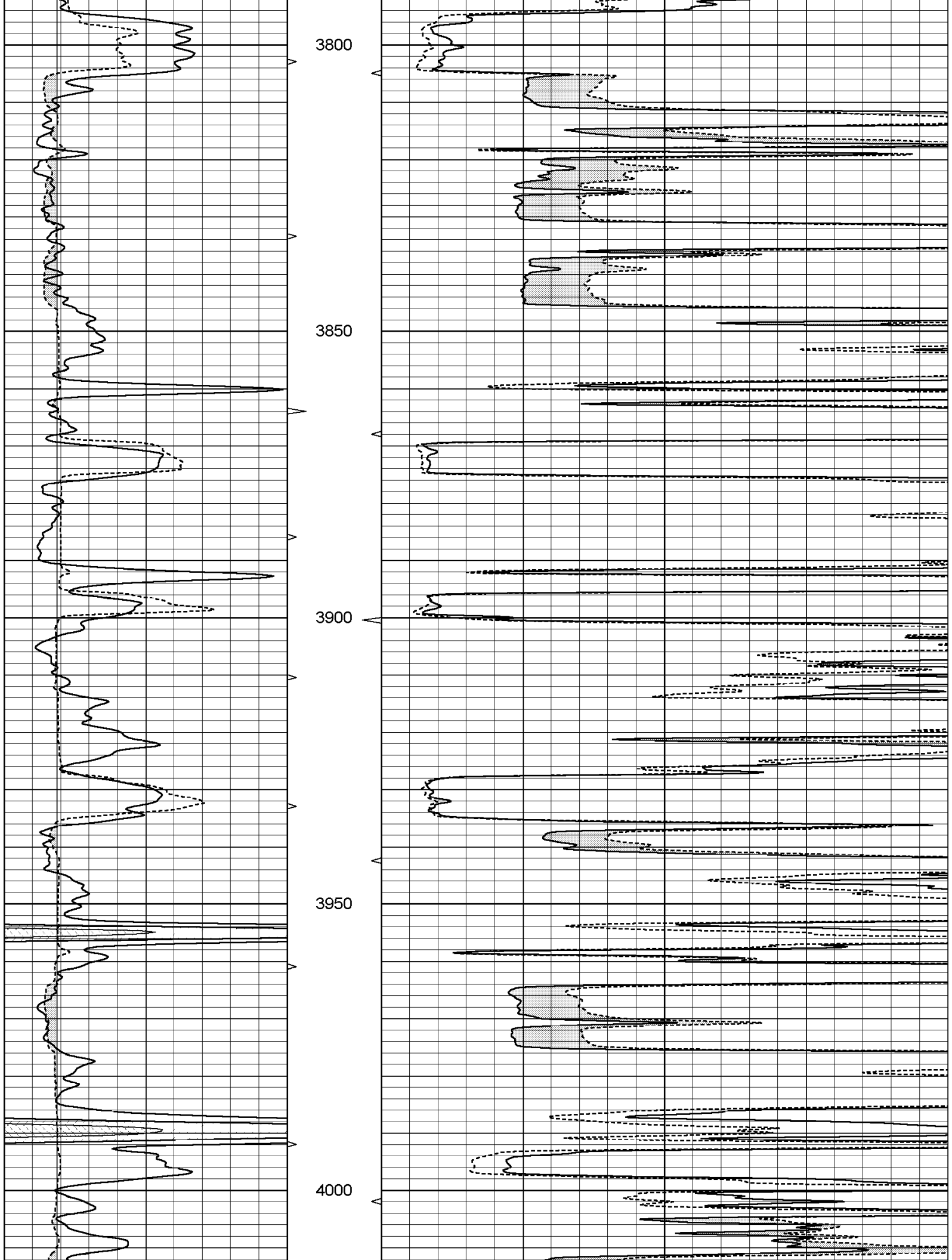
DIRECTIONS: PENNDENNIS; WEST TO PAWNEE RD, 5 MILES NORTH TO COUNTY LINE, 5 MILES NORTH TO ROAD 'G', 1 MILE WEST, SOUTH INTO

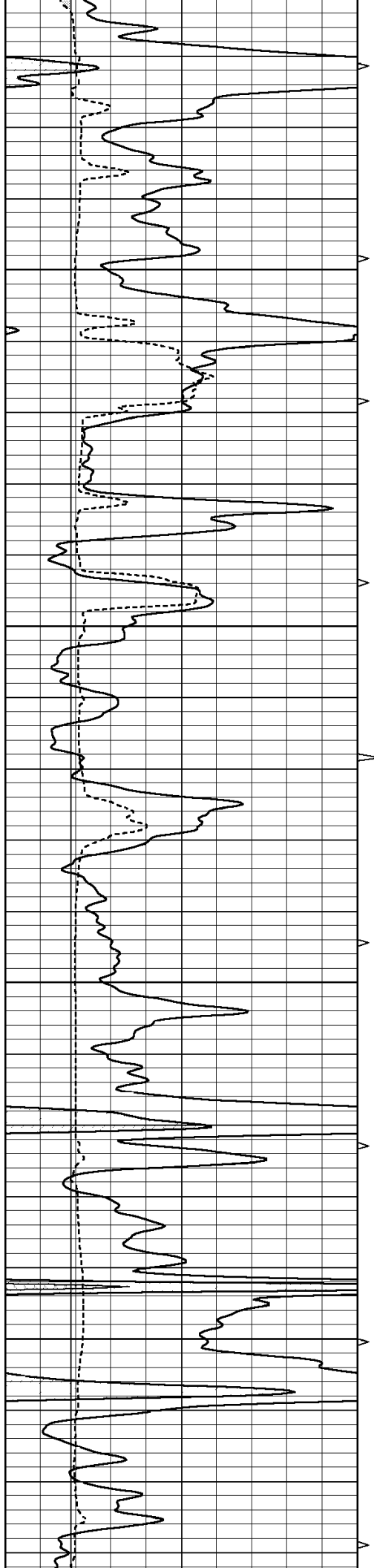
Charted by:

Depth in Feet scaled 1:240

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





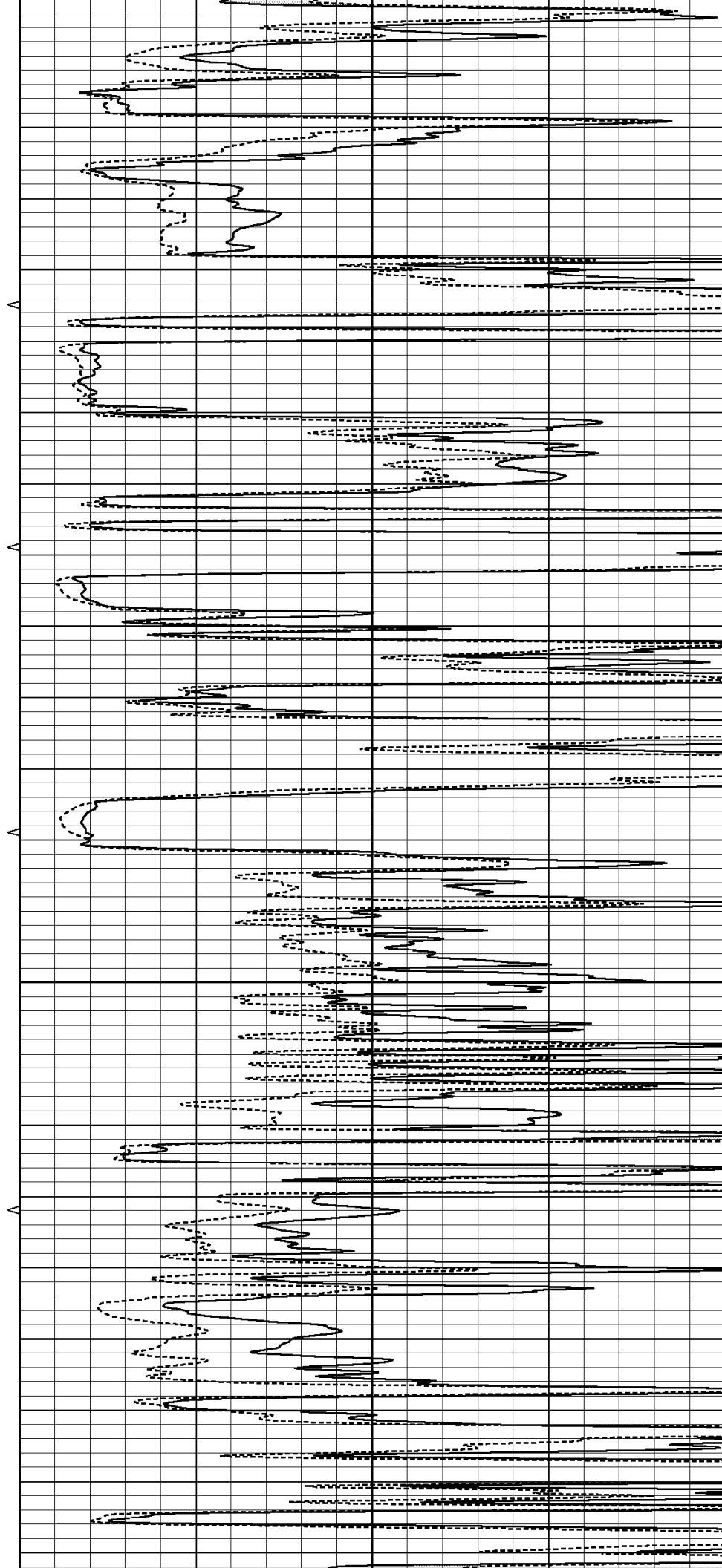


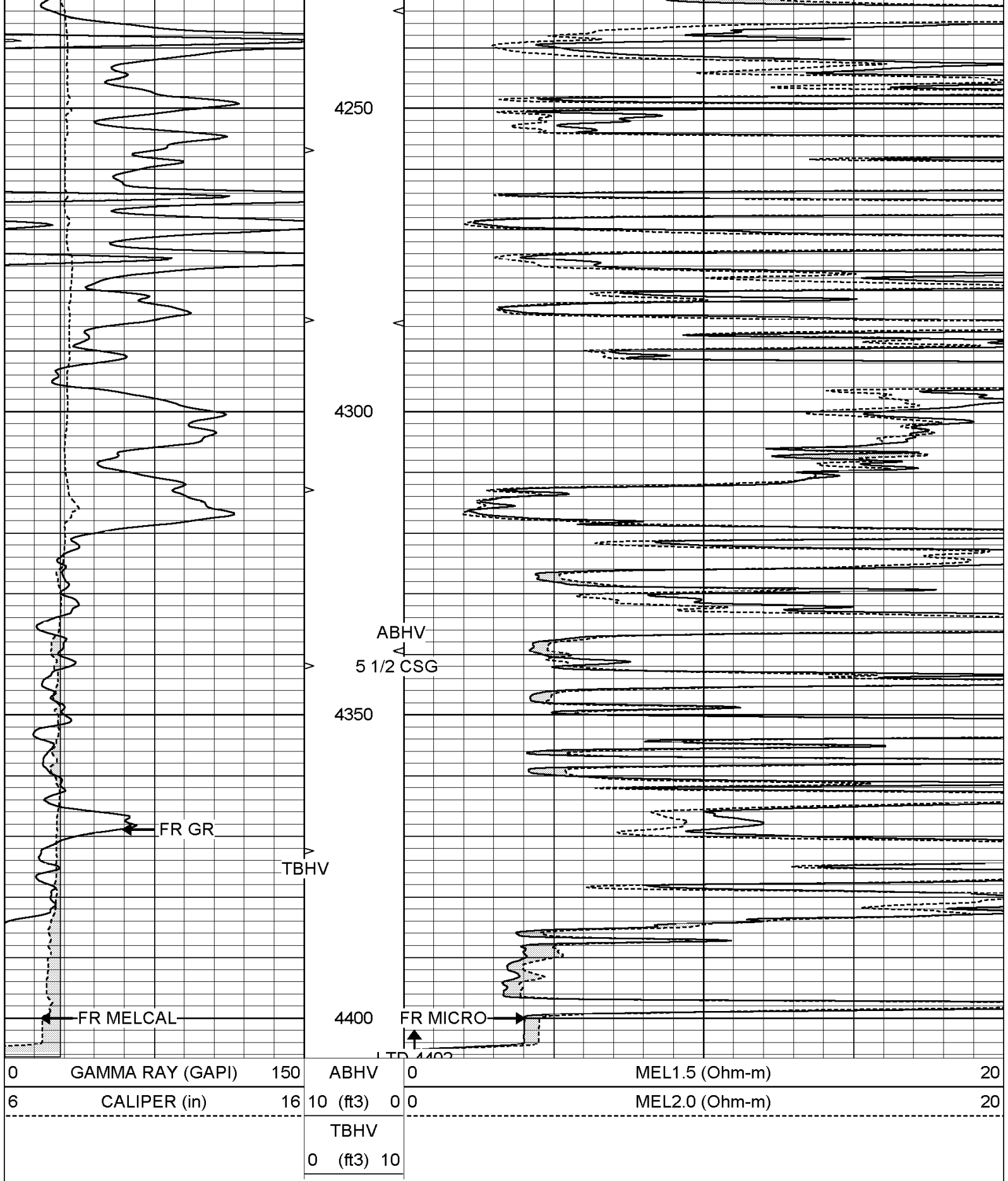
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4100

4150

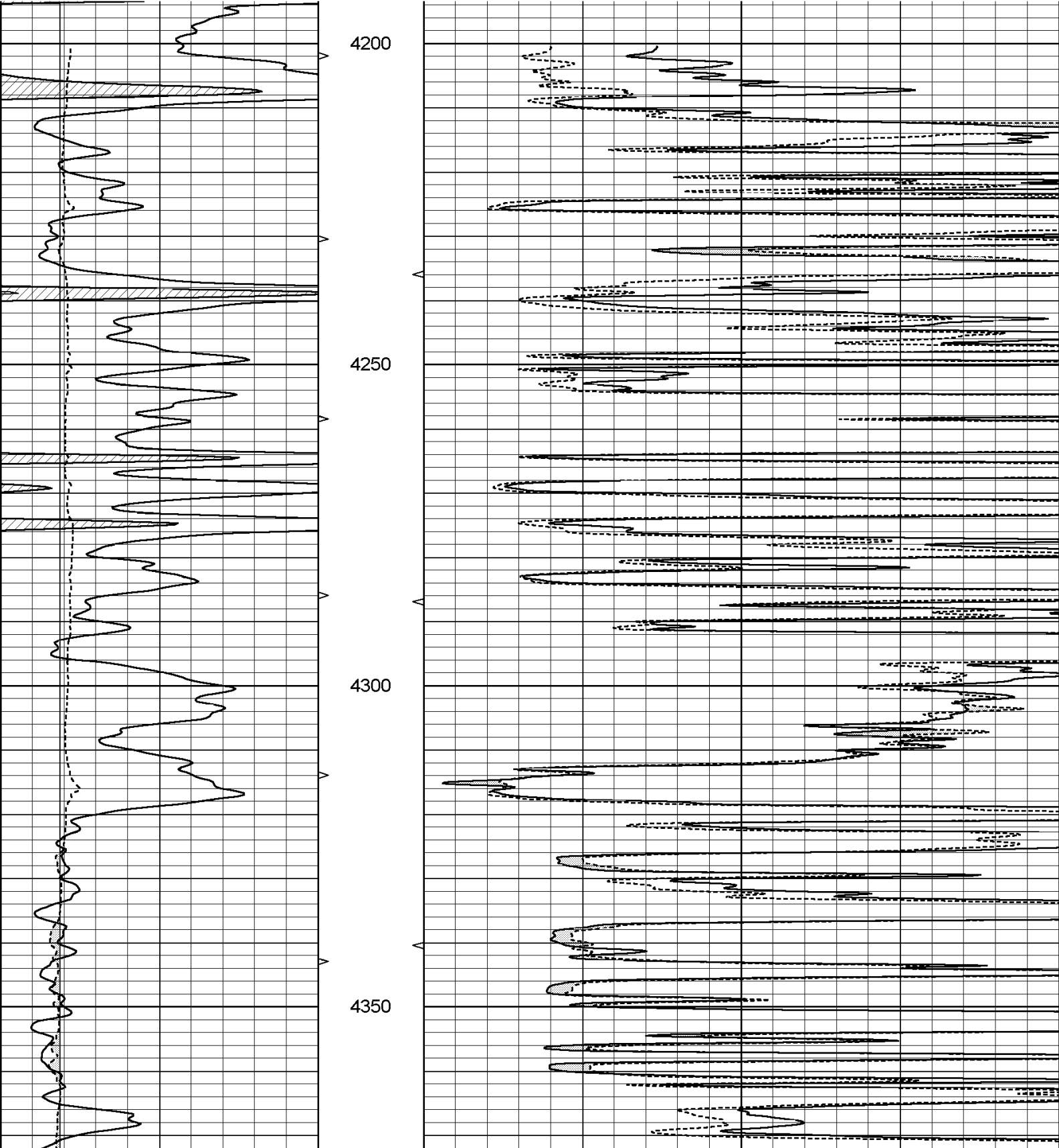
4200

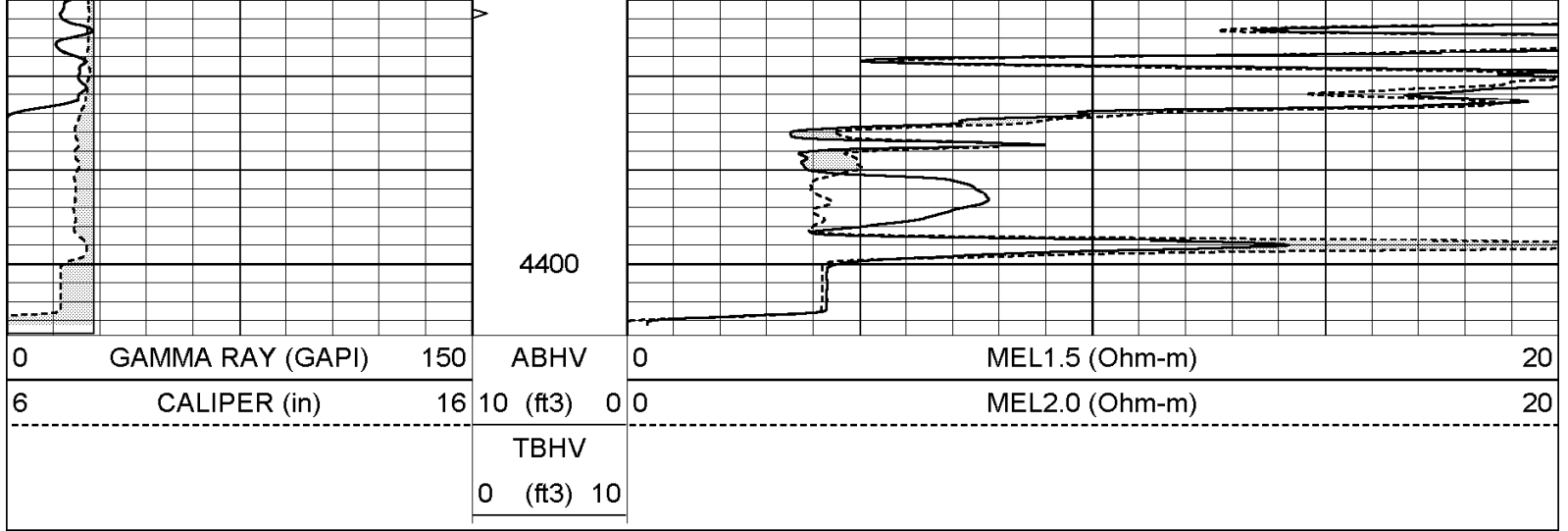




Database File: 3066mull.db
Dataset Pathname: passMD
Presentation Format: _micro
Dataset Creation: Tue Nov 25 12:54:31 2008
Charted by: Depth in Feet scaled 1:240

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





Calibration Report

Database File: 3066mull.db
Dataset Pathname: pass8
Dataset Creation: Tue Nov 25 12:10:46 2008 by Log Open-Cased 070814

MICRO Calibration Report

Serial Number:	MICRO6	
Tool Model:	PROBE	
Performed:	Wed Dec 12 15:00:13 2007	
Caliper Calibration:	Gain=3.900	Offset=3.377
References	Low Cal	High Cal
Readings	7.900	14.250
	1.185	2.814
1.5" Calibration:	Gain=16.781	Offset=0.431
References	Low Cal	High Cal
Readings	0.000	20.000
	0.008	1.200
2" Calibration:	Gain=22.739	Offset=-0.193
References	Low Cal	High Cal
Readings	0.000	20.000
	0.008	0.888

Gamma Ray Calibration Report

Serial Number:	GR6	
Tool Model:	OPEN	
Performed:	Thu Jan 24 17:24:37 2008	
Calibrator Value:	150.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	350.0	cps
Sensitivity:	0.5586	GAPI/cps