SUPERIOR WELL SERVICES

SUPERIOR
Hays,
Kansas

MICRO LOG

Company	O'BRIEN RESOURCES, LLC
Well	#1 SNIDER 35
Field	HEALY SW
County	LANE
State	KANSAS

Company O'BRIEN RESOURCES, LLC
Well #1 SNIDER 35
Field HEALY SW
County LANE State KANSAS
Location: API # : 15-101-22289-0000
1103' FSL & 991' FWL
SEC 35 TWP 16S RGE 30W

Other Services
CDL/CNL/PE
DIL/SON

Elevation
K.B. 2857
D.F. 2855
G.L. 2852

Permanent Datum GROUND LEVEL Elevation 2852
Log Measured From KELLY BUSHING 5' A.G.L.
Drilling Measured From KELLY BUSHING

Date	5/11/11		
Run Number	TWO		
Depth Driller	4650		
Depth Logger	4651		
Bottom Logged Interval	4633		
Top Log Interval	3400		
Casing Driller	8 5/8" @ 256'		
Casing Logger	256'		
Bit Size	7 7/8		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 2700 PPM	
Density / Viscosity	9.3 / 49		
pH / Fluid Loss	10.0 / 7.2		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	0.90 @ 98F		
Rmf @ Meas. Temp	0.68 @ 98F		
Rmc @ Meas. Temp	1.08 @ 98F		
Source of Rmf / Rmc	MEASURED		
Rm @ BHT	0.72 @ 122F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom			
Maximum Recorded Temperature	122F		
Equipment Number	680		
Location	HAYS, KS.		
Recorded By	JEFF GRONEWEG		
Witnessed By	KIM SHOEMAKER		

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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.

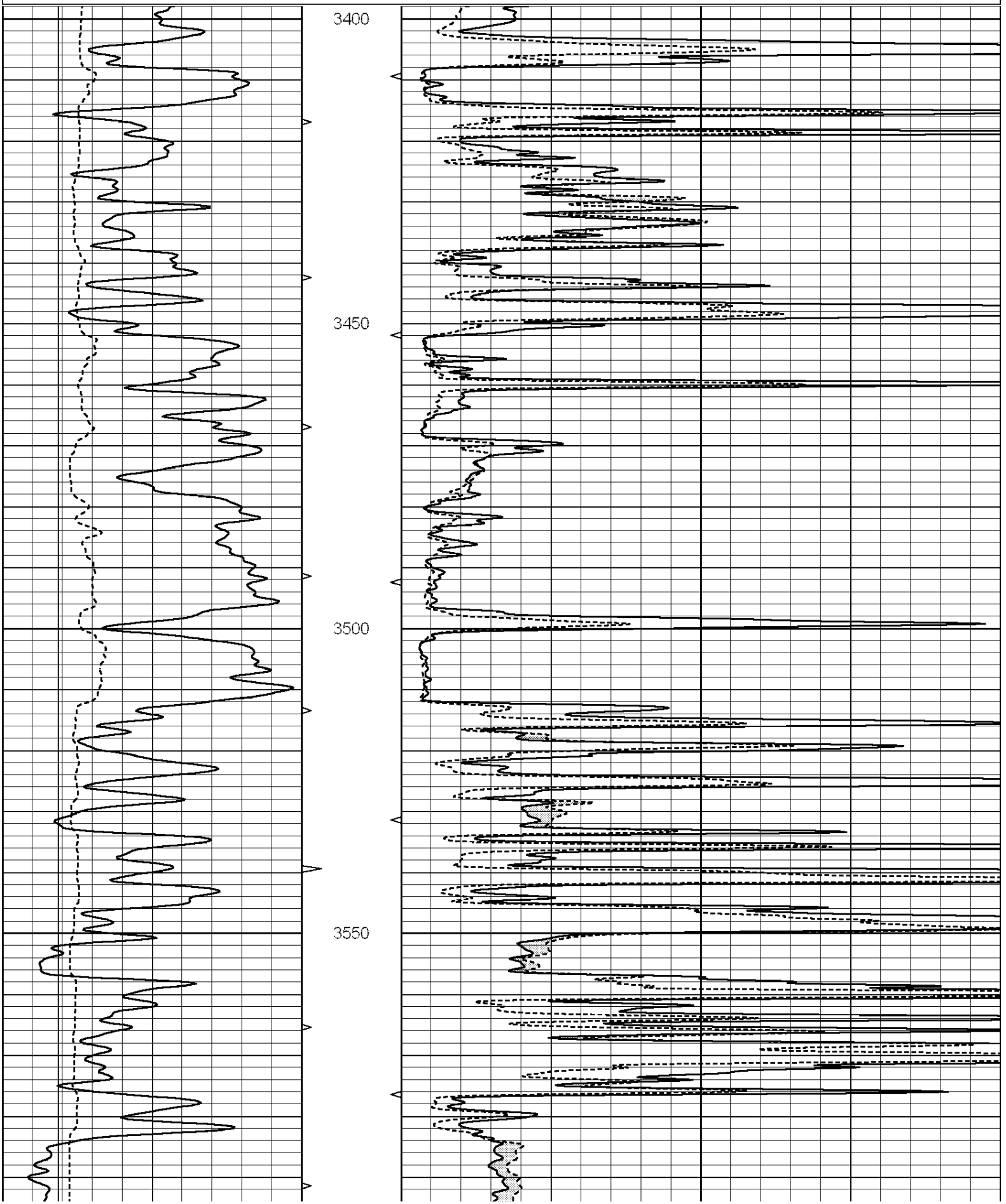
Comments

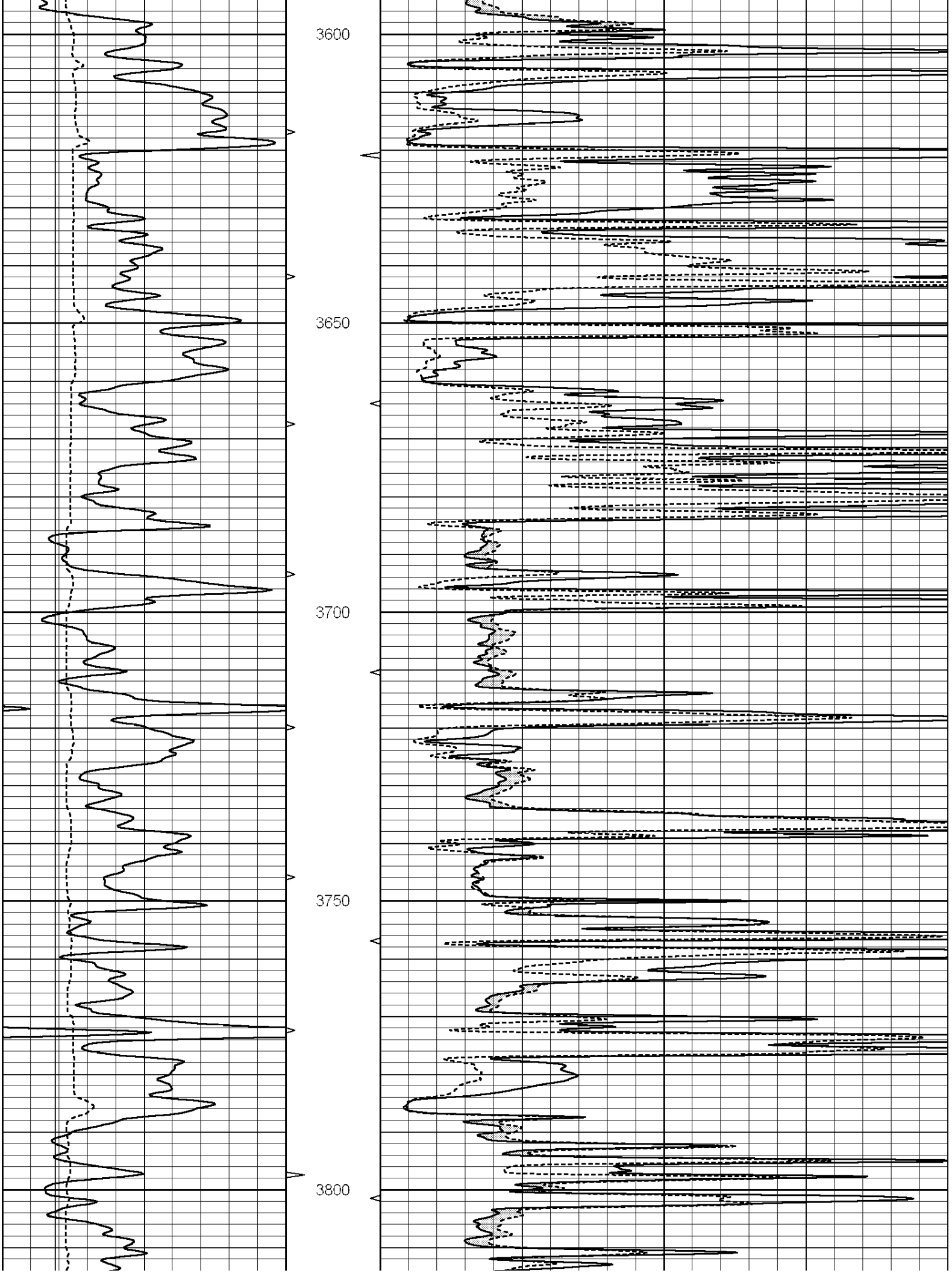
THANK YOU FOR USING SUPERIOR WELL SERVICE (785) 628-6395
DIRECTIONS
HEALY, KS - 1 1/4 MILES NORTH ON DODGE RD (HEALY OIL & GAS STATION)
EAST INTO

Database File:	007076pe.db
Dataset Pathname:	pass6.2
Presentation Format:	_micro
Dataset Creation:	Wed May 11 21:12:51 2011 by Calc Open-Cased 090629
Charted by:	Depth in Feet scaled 1:240

Shaked 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
	TBHV	
	0 (ft3) 10	

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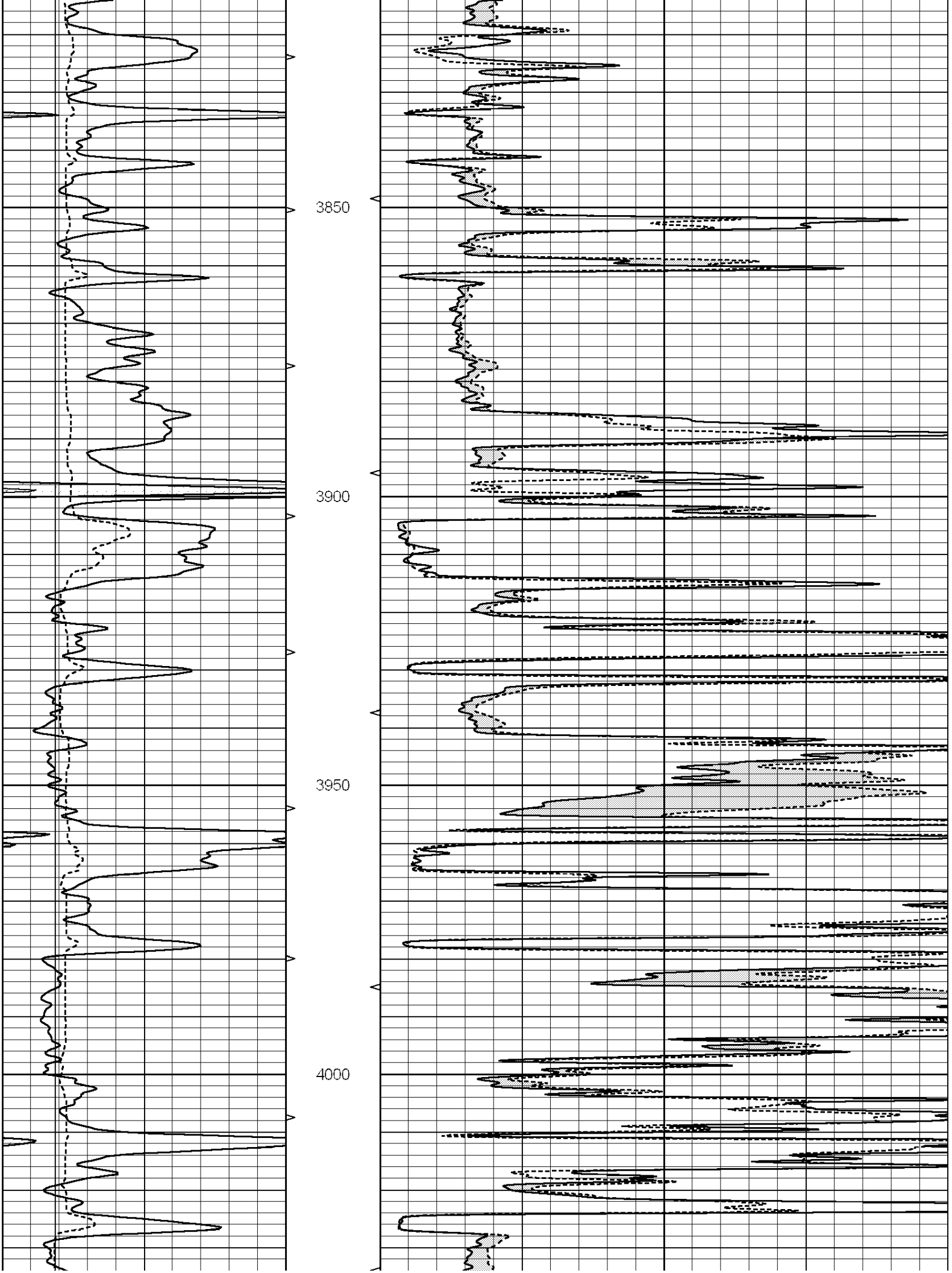
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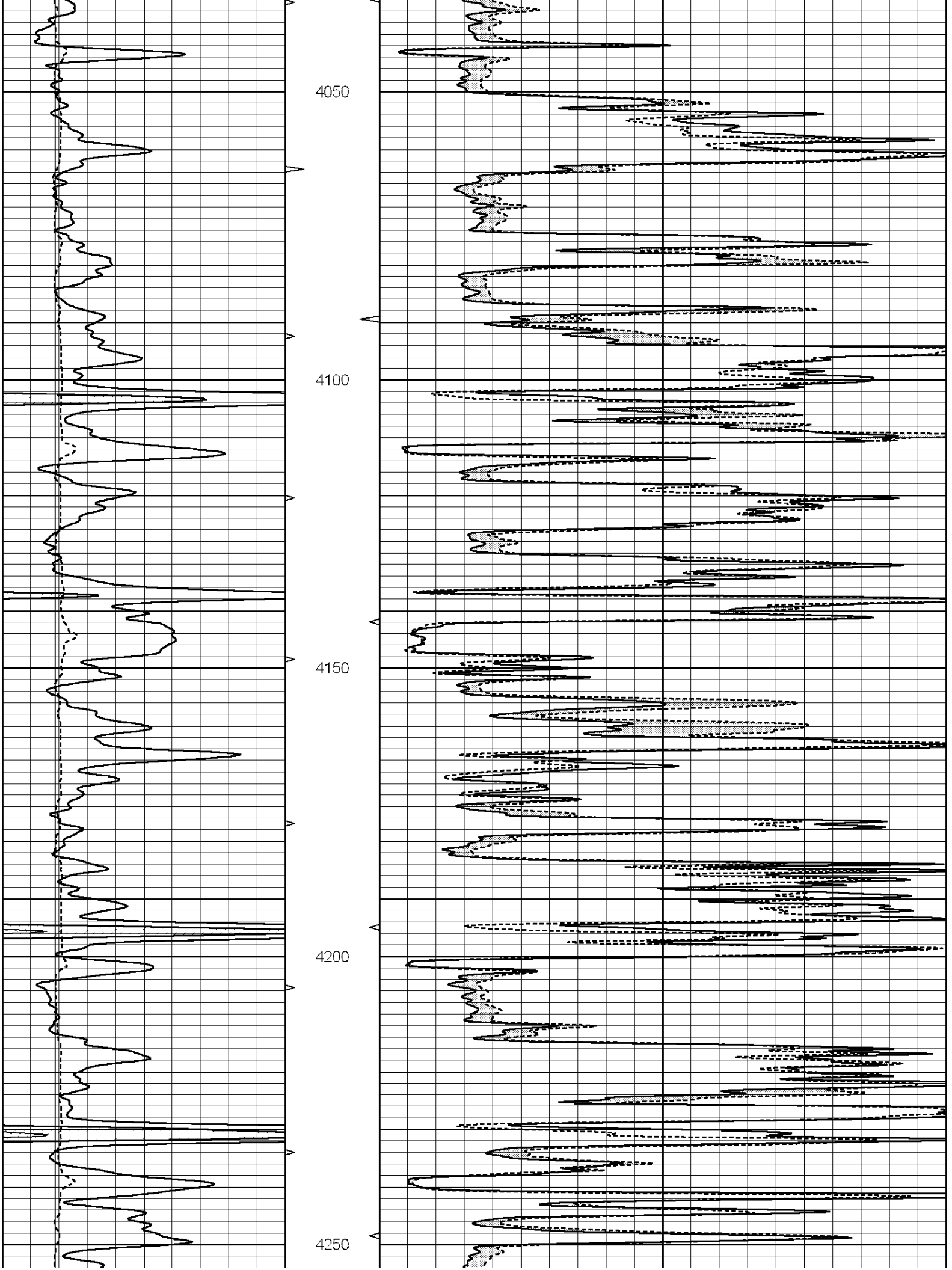
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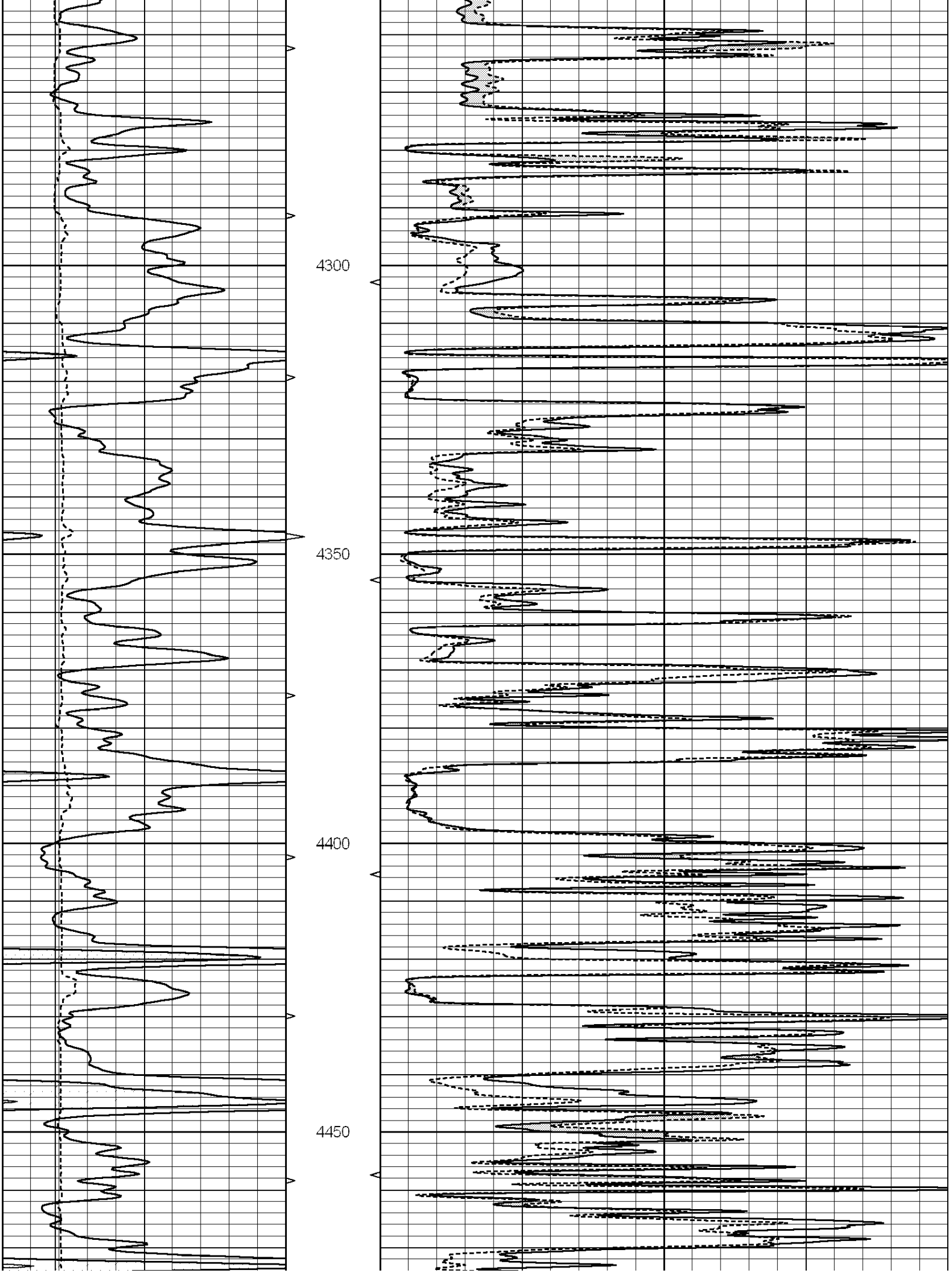
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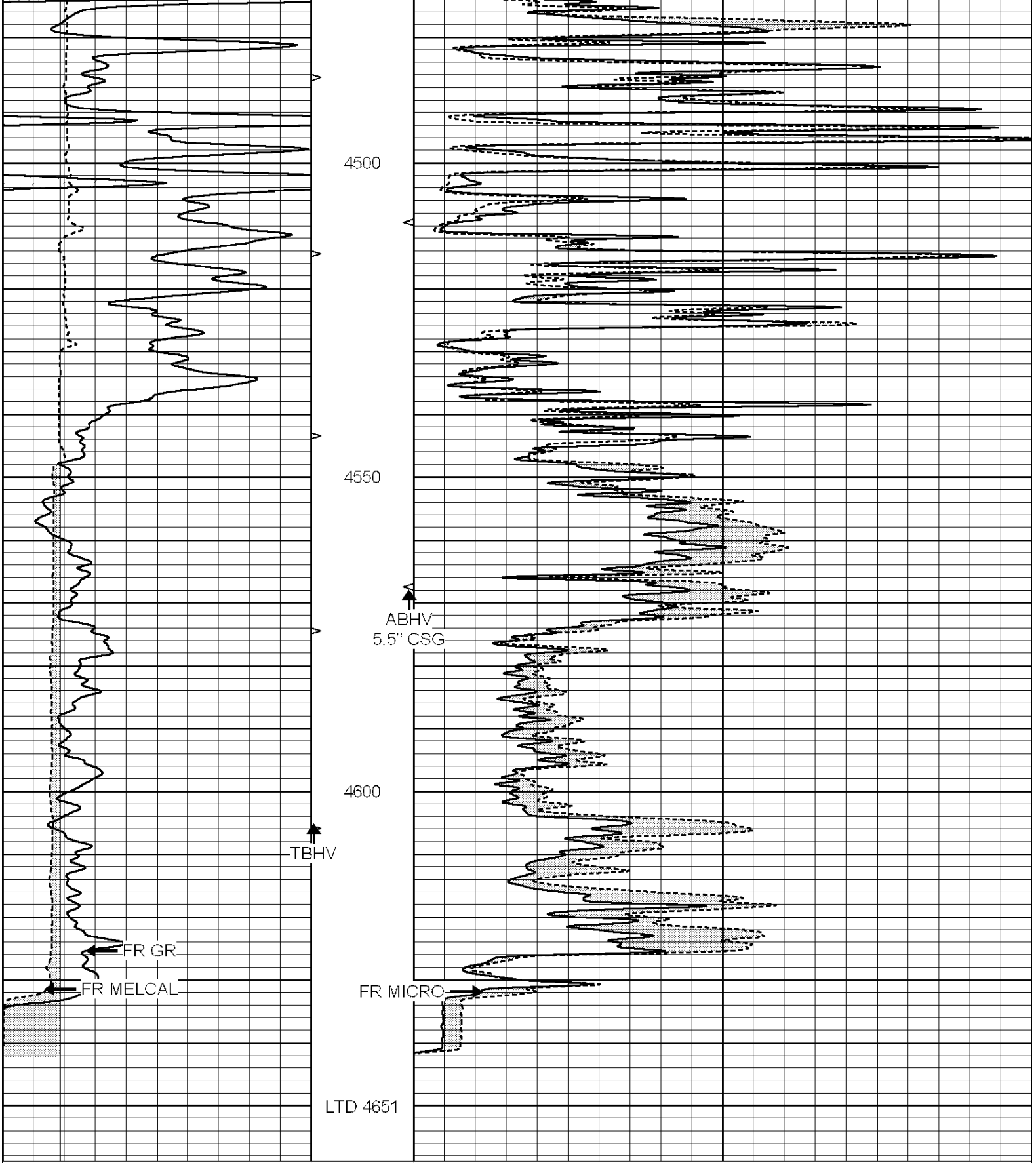


SUPERIOR

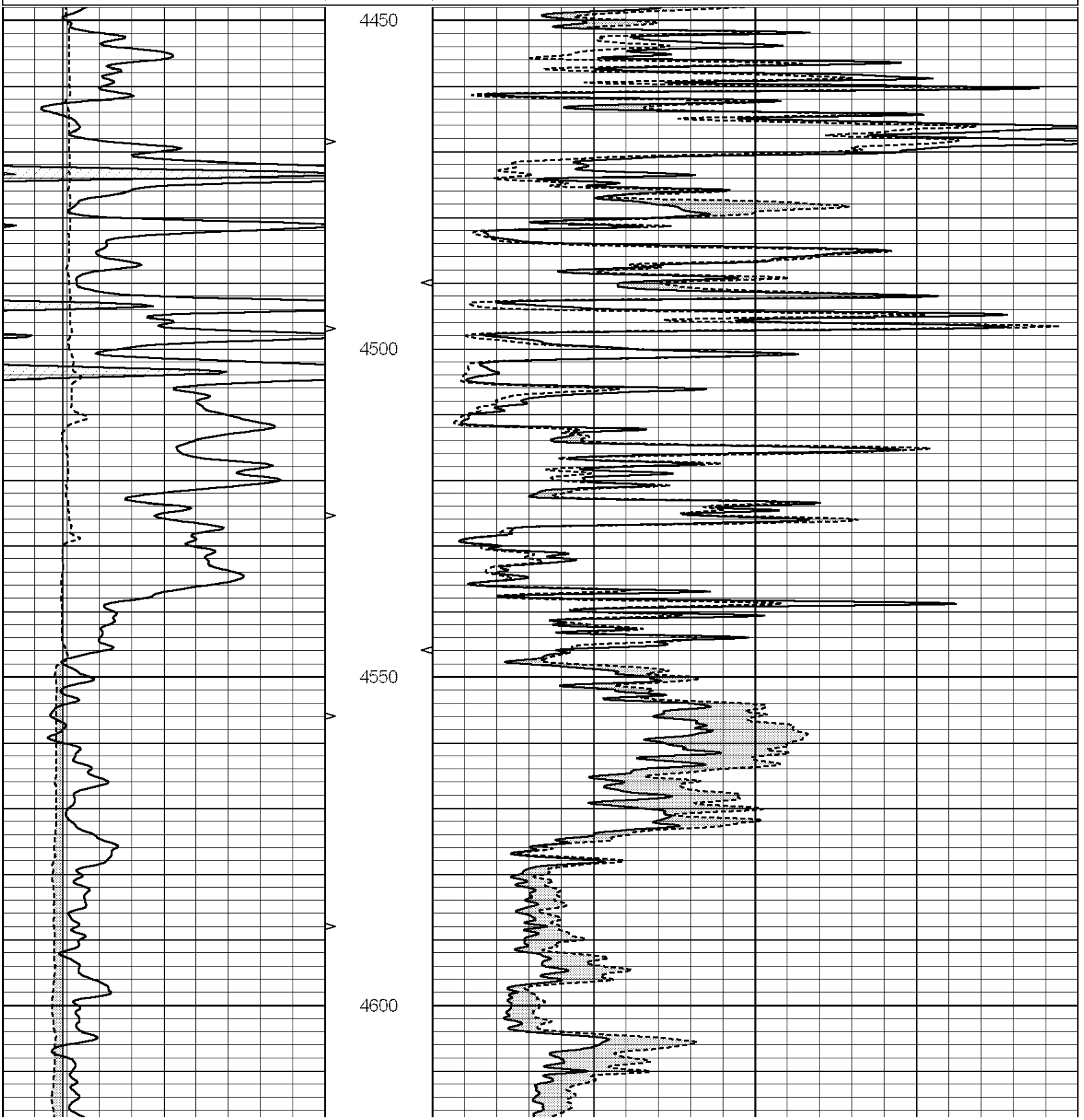
REPEAT SECTION

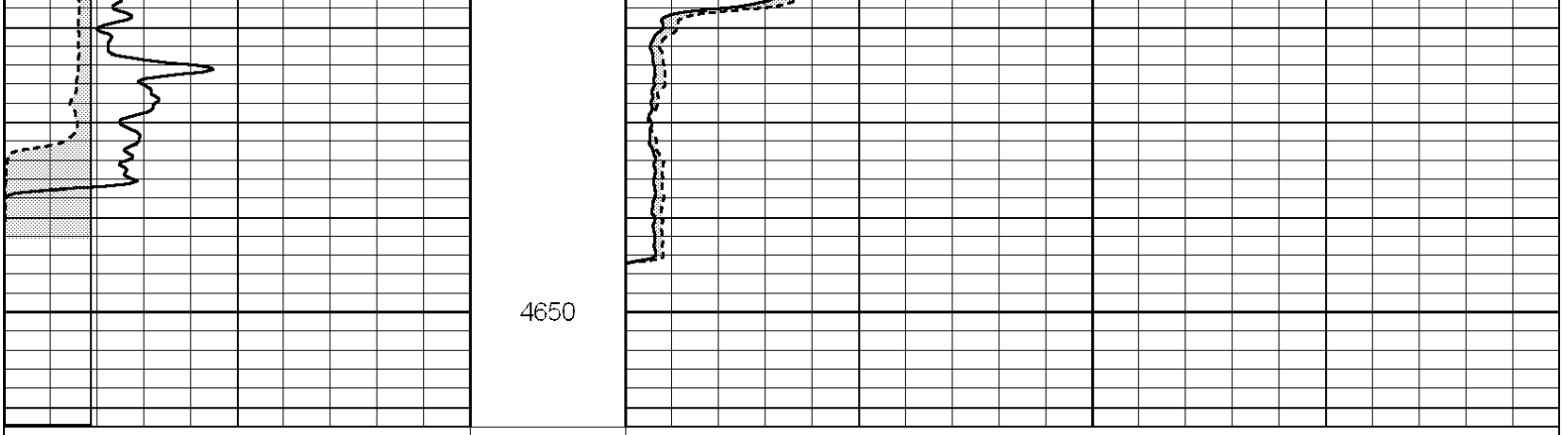
WELL SERVICES
Hays,
Kansas

REPEAT SECTION

Database File:	007076pe.db
Dataset Pathname:	pass5.6
Presentation Format:	_micro
Dataset Creation:	Wed May 11 21:18:27 2011
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
		TBHV			
		0 (ft3)	10		





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
			TBHV		
		0	(ft3) 10		

Calibration Report

Database File: 007076pe.db
Dataset Pathname: pass6.2
Dataset Creation: Wed May 11 21:12:51 2011 by Calc Open-Cased 090629

MICRO Calibration Report

Serial Number:	MICRO3	
Tool Model:	PROBE	
Performed:	Thu Mar 31 11:28:13 2011	
Caliper Calibration:	Gain=3.916	Offset=-9.071
	Low Cal	High Cal
References	8.000	14.000
Readings	4.257	5.789
1.5" Calibration:	Gain=115.104	Offset=-0.237
	Low Cal	High Cal
References	0.000	20.000
Readings	0.004	0.228
2" Calibration:	Gain=107.553	Offset=-0.620
	Low Cal	High Cal
References	0.000	20.000
Readings	0.005	0.175

Gamma Ray Calibration Report

Serial Number:	#8	
Tool Model:	OPEN	
Performed:	Sun Apr 10 22:50:36 2011	
Calibrator Value:	150.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	175.0	cps
Sensitivity:	0.8971	GAPI/cps