NABORS
COMPLETION & PRODUCTION SERVICES CO.

MICRO LOG

Company ANDERSON ENERGY, INC.
Well MESERVE-SESSION UNIT #1
Field MESERVE EAST
County ELLIS
State KANSAS

Company ANDERSON ENERGY, INC.

Well MESERVE-SESSION UNIT #1

Field MESERVE EAST

County ELLIS State KANSAS

Location: API # : 15-051-26564-00-00
1543' FSL & 2604' FEL
SW - SW - NW - SE/4

SEC 7 TWP 15S RGE 20W

Other Services
CDL/CNL
DIL

Permanent Datum GROUND LEVEL Elevation 2097
Log Measured From KELLY BUSHING 10' A.G.L.
Drilling Measured From KELLY BUSHING

Elevation
K.B. 2197
D.F. 2195
G.L. 2097

Date	8/11/13		
Run Number	TWO		
Depth Driller	3950		
Depth Logger	3951		
Bottom Logged Interval	3949		
Top Log Interval	3000		
Casing Driller	8 5/8" @ 304'		
Casing Logger	304		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 4200 PPM	
Density / Viscosity	9.2/55		
pH / Fluid Loss	10.5/7.8		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	.40 @ 83F		
Rmf @ Meas. Temp	.30 @ 83F		
Rmc @ Meas. Temp	.48 @ 83F		
Source of Rmf / Rmc	MEASUREMENT		
Rm @ BHT	.28 @ 116F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom			
Maximum Recorded Temperature	116F		
Equipment Number	4010		
Location	HAYS, KANSAS		
Recorded By	JASON CAPPELLUCCI		
Witnessed By	ROGER FISHER		

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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, KS. (785) 628-6395
DIRECTIONS:
ELLIS, KS. - 12 S. TO GRANTS VILLA RD. - 2 W. - 1/2 S. - E. INTO

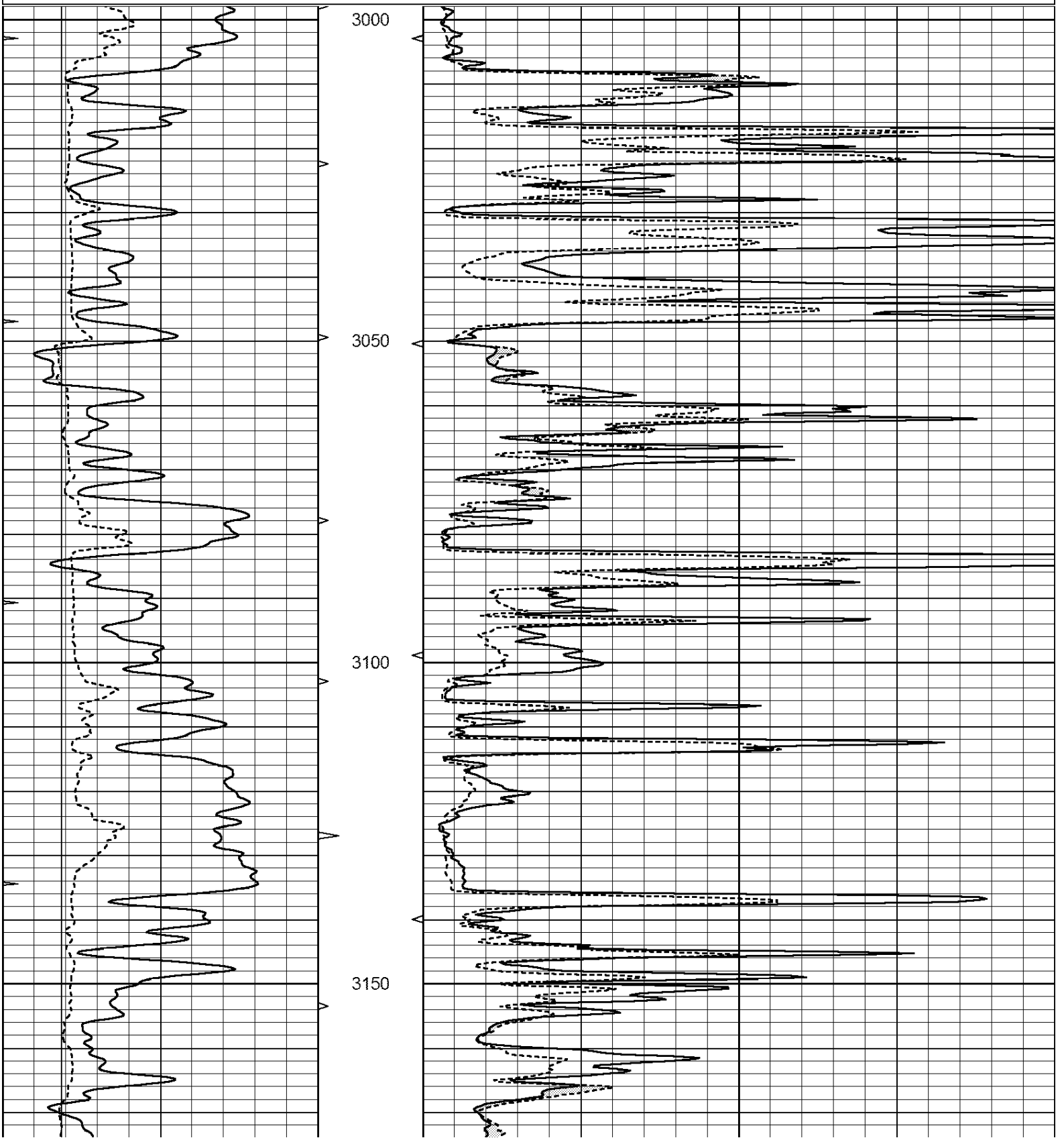
MAIN SECTION

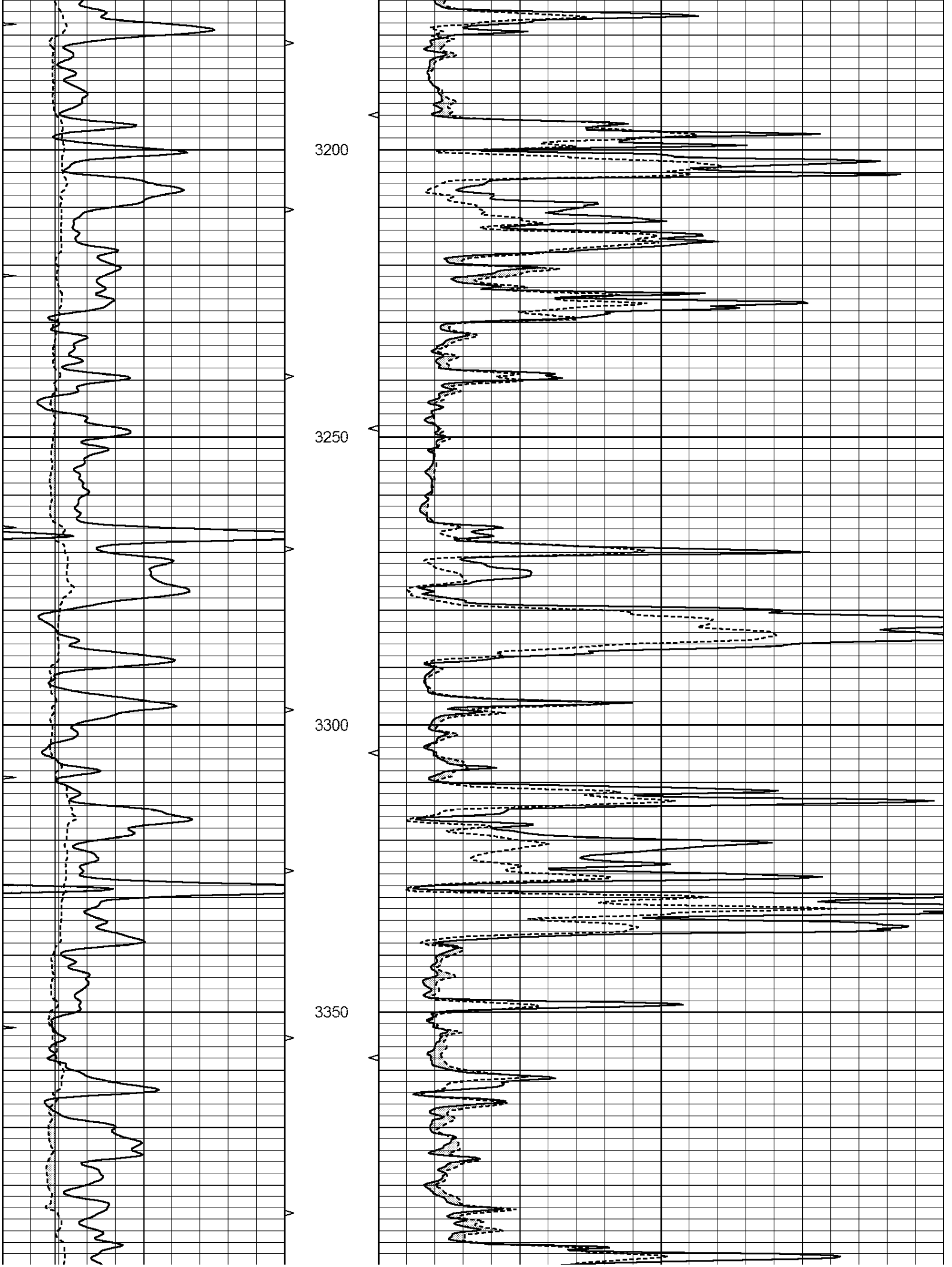
NABORS
COMPLETION & PRODUCTION

SERVICES CO.

Database File: 011586ddn.db
Dataset Pathname: pass6.1
Presentation Format: _micro
Dataset Creation: Sun Aug 11 08:13:54 2013 by Calc Open-Cased 090629
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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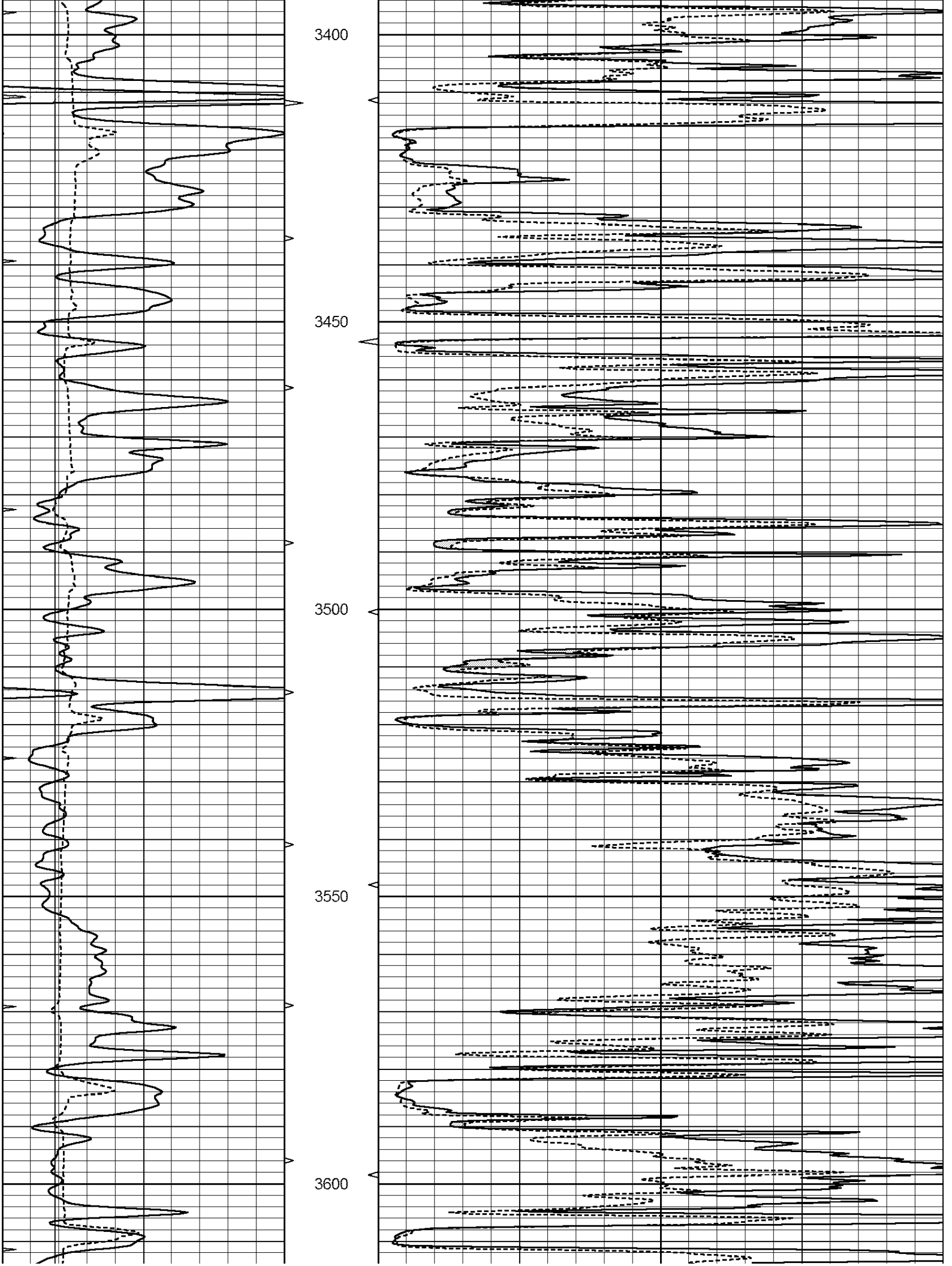
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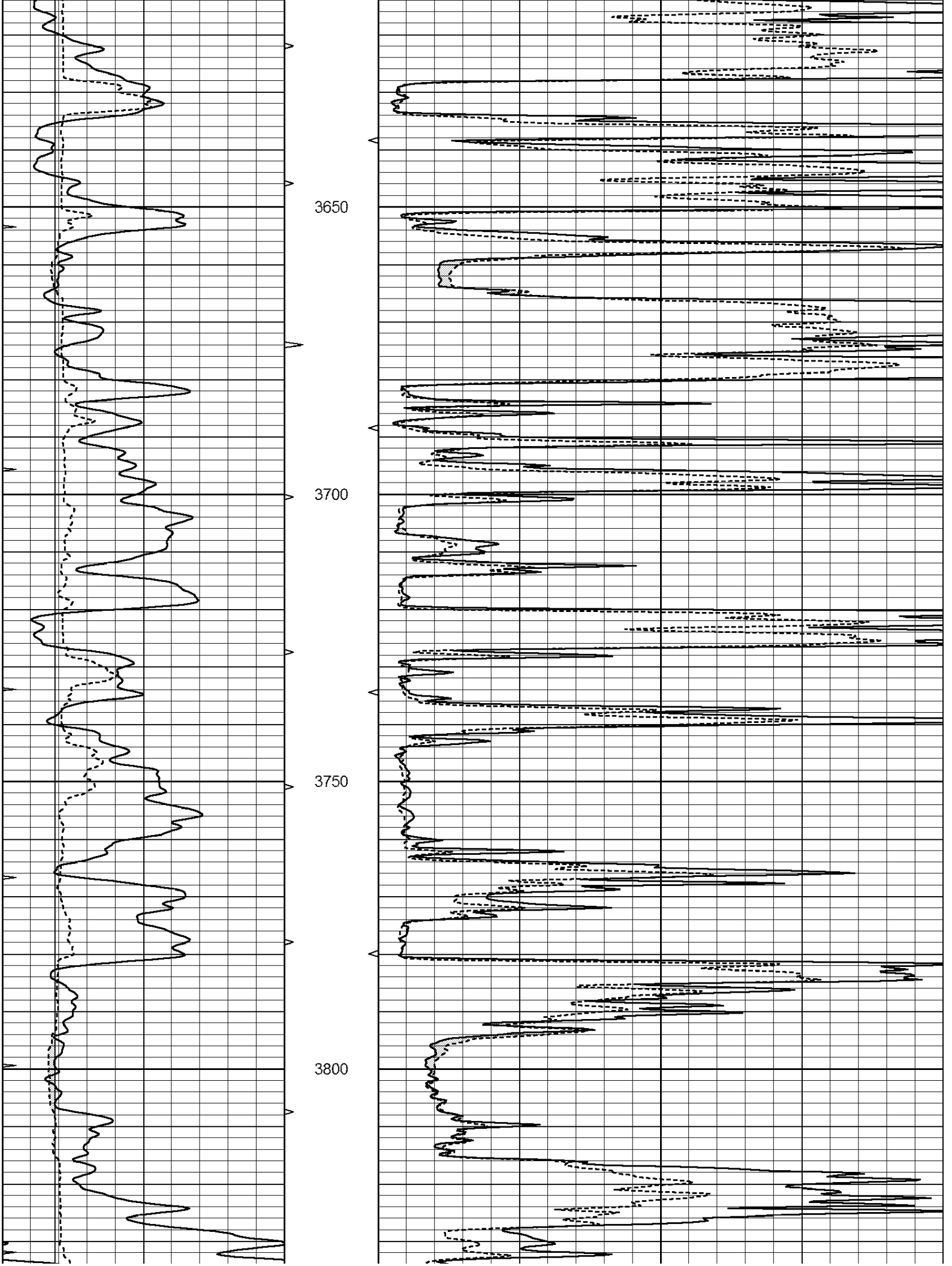
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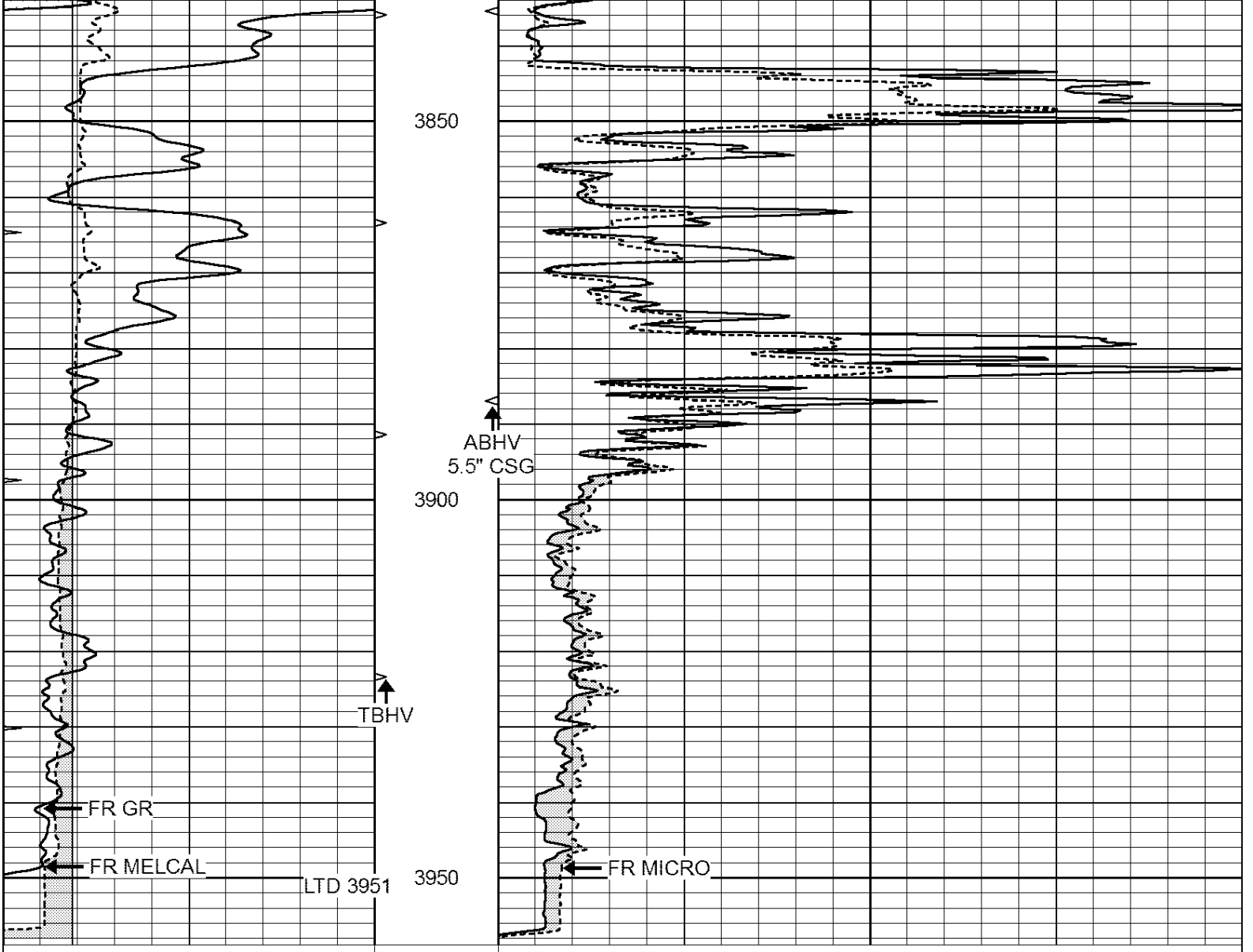

0	GAMMA RAY (GAPI)	150	ABHV	0	MEL1.5 (Ohm-m)	40
6	CALIPER (in)	16	10 (ft3) 0	0	MEL2.0 (Ohm-m)	40
0	MINMK	20	TBHV			
			0 (ft3) 10			

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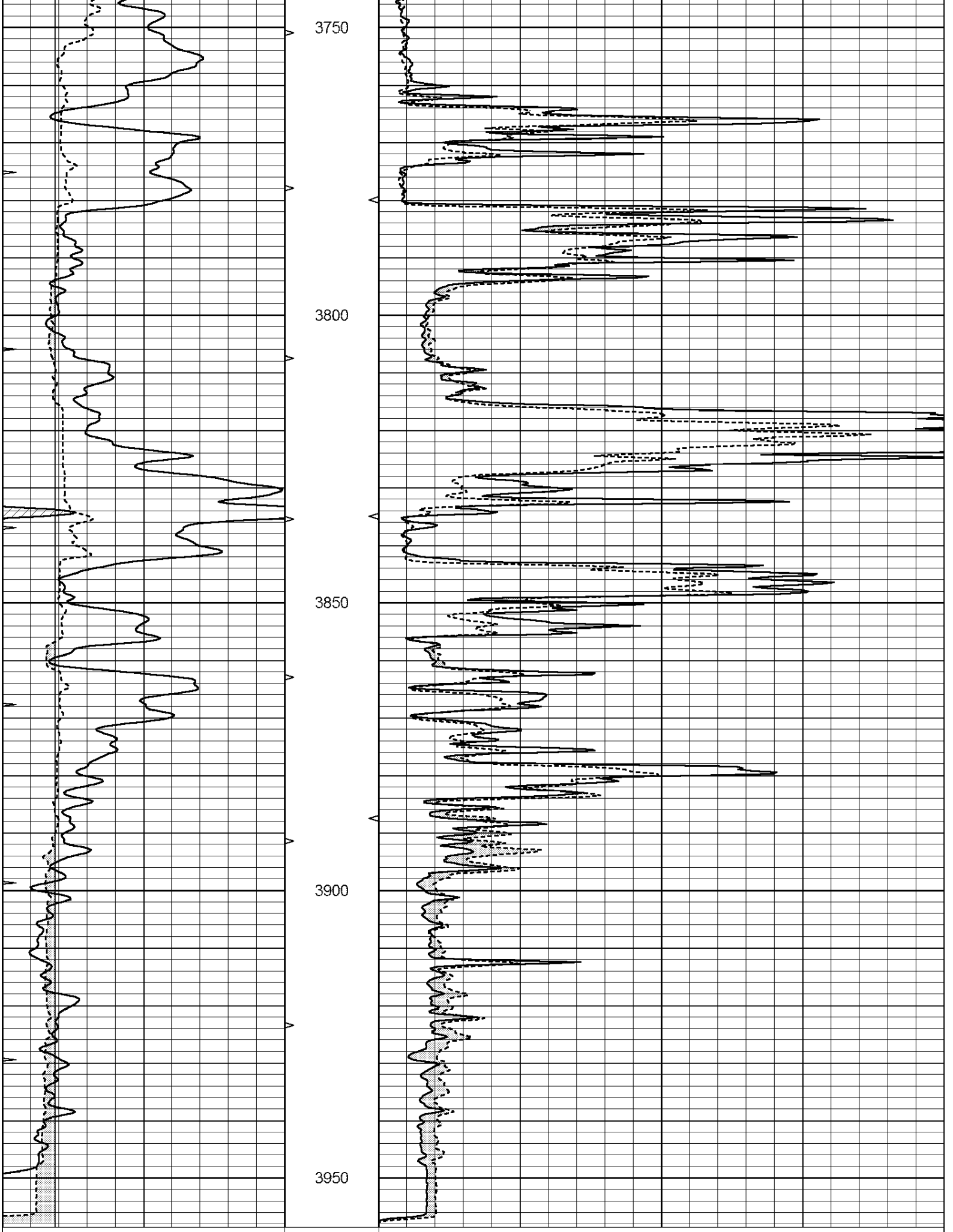
REPEAT SECTION

Database File: 011586ddn.db
Dataset Pathname: pass5.1
Presentation Format: _micro
Dataset Creation: Sun Aug 11 08:05:46 2013 by Calc Open-Cased 090629
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			


3750
3800
3850
3900
3950
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: 011586ddn.db
Dataset Pathname: pass5.1
Dataset Creation: Sun Aug 11 08:05:46 2013 by Calc Open-Cased 090629

MICRO Calibration Report

Serial Number:	MICRO6	
Tool Model:	PROBE	
Performed:	Sat Aug 10 00:21:37 2013	
Caliper Calibration:	Gain=5.542	Offset=-1.220
	Low Cal	High Cal
References	8.000	14.000
Readings	1.431	2.513
1.5" Calibration:	Gain=38.075	Offset=0.000
	Low Cal	High Cal
References	0.000	20.000
Readings	0.004	1.196
2" Calibration:	Gain=38.041	Offset=0.000
	Low Cal	High Cal
References	0.000	20.000
Readings	0.006	0.913

Gamma Ray Calibration Report

Serial Number:	#8	
Tool Model:	OPEN	
Performed:	Tue Jun 18 19:34:11 2013	
Calibrator Value:	150.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	175.0	cps
Sensitivity:	0.8371	GAPI/cps