



SUPERIOR
Hays,
Kansas

MICRO LOG

Company		MAI OIL OPERATIONS, INC.	
Well		MORGENSTERN #1	
Field		CAPITOL VIEW	
County		BARTON	
State		KANSAS	
Location:		API # : 15-009-25722-0000	
Permanent Datum		GROUND LEVEL	
Log Measured From		KELLY BUSHING 8' A.G.L.	
Drilling Measured From		KELLY BUSHING	
SEC 17 TWP 17S RGE 14W		Elevation	
1580' FNL & 2260' FWL		CDL/CNL	
		DIL/SON	
8/7/12		Elevation	
TWO		K.B. 1905	
3485		D.F. 1903	
3486		G.L. 1897	
3468			
2700			
886'			
886'			
7.875			
CHEMICAL MUD			
8.7/50			
9.5/8.8		CHLORIDES 5000	
FLOWLINE			
.70 @ 90F			
.52 @ 90F			
.84 @ 90F			
MEASURED			
.55 @ 113F			
2 HOURS			
113F			
836			
HAYS, KS.			
JASON CAPPELLUCCI			
JIM MUSGROVE			

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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

SUPERIOR WELL SERVICES
785-628-6395
THANK YOU FOR YOUR BUSINESS
RUSSELL, KS. - S. PAST COUNTY LINE TO RD 150 - 2 3/4 W. - S. INTO

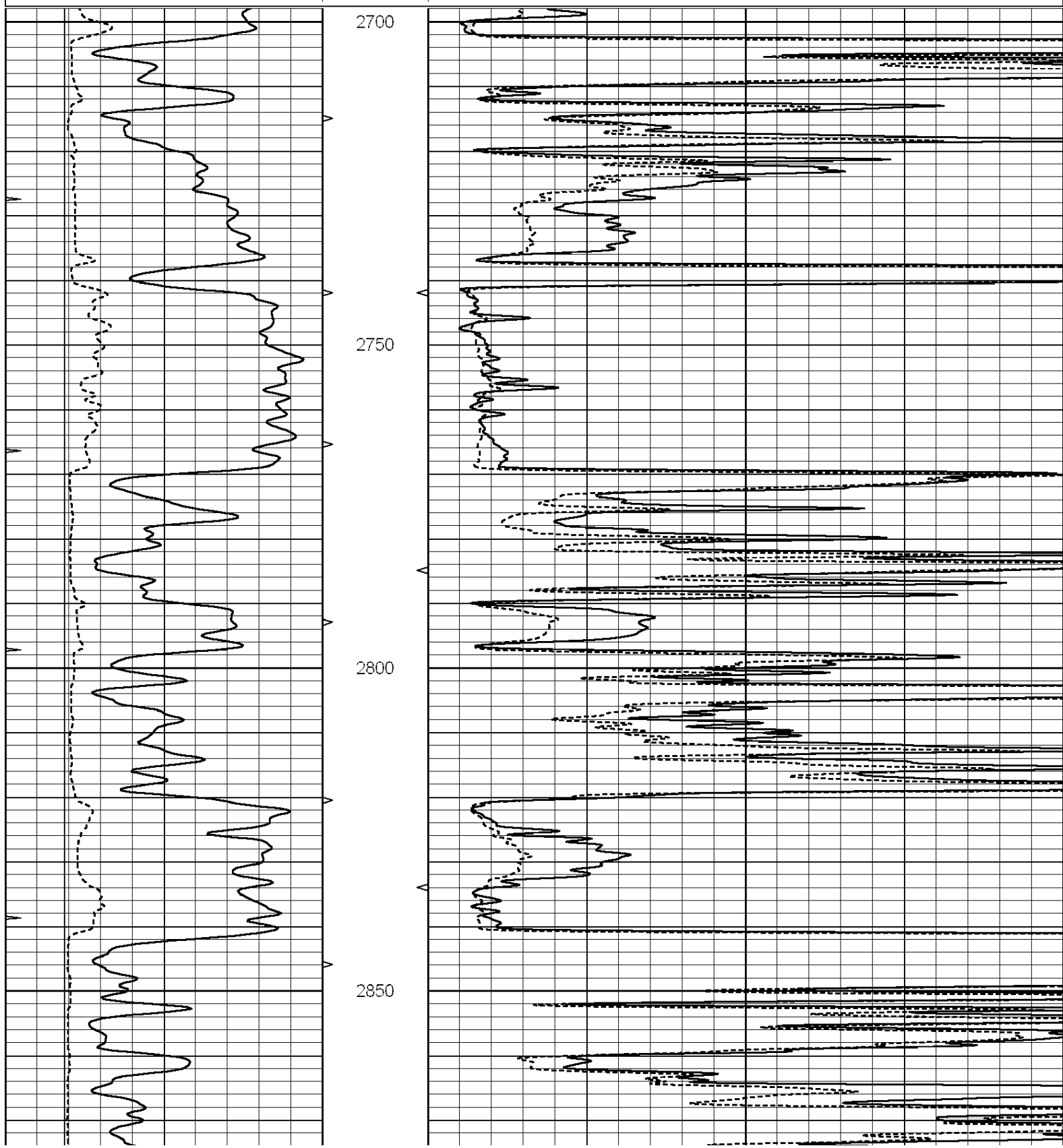


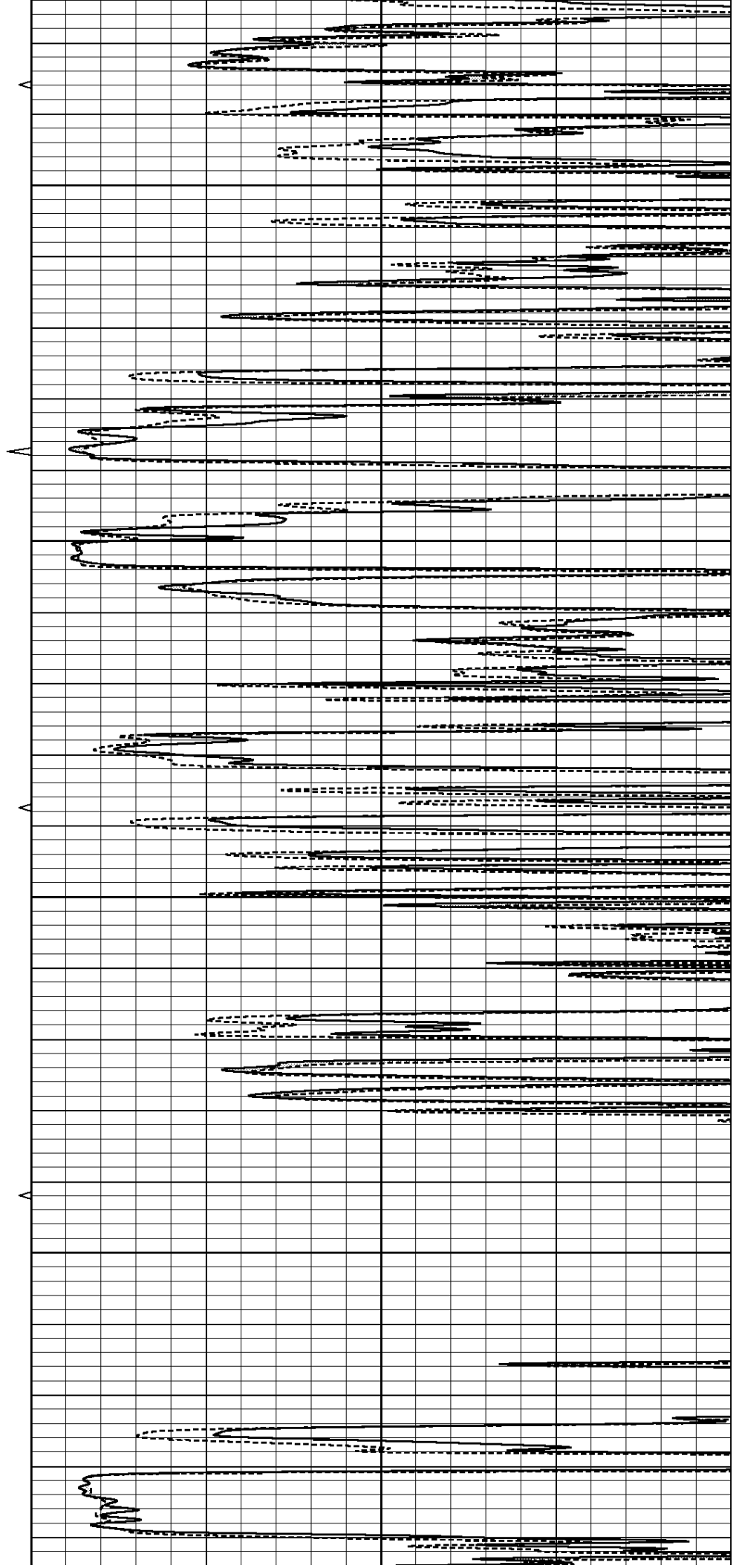
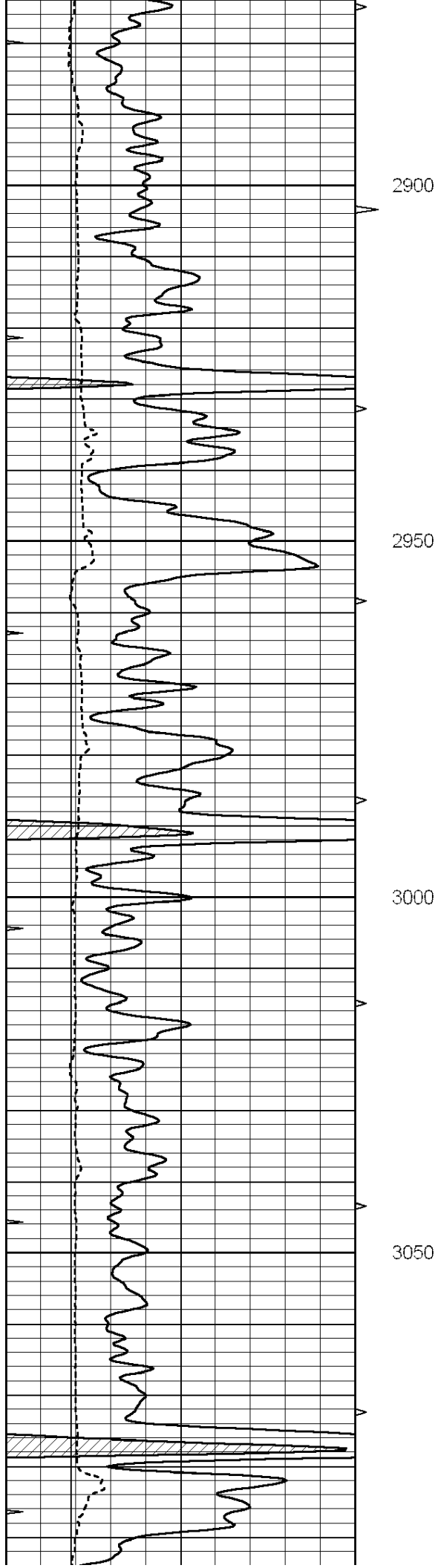
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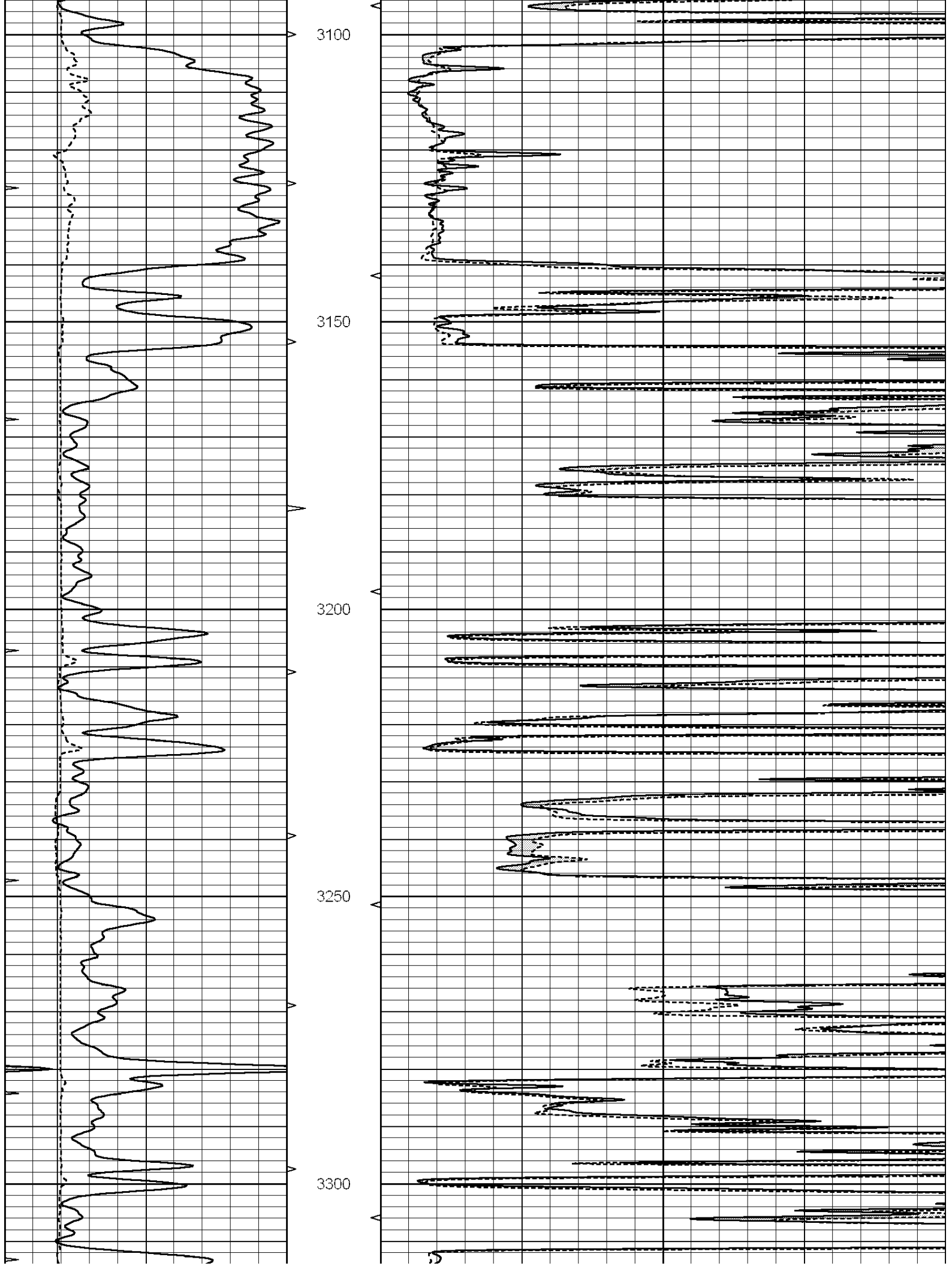
MAIN SECTION

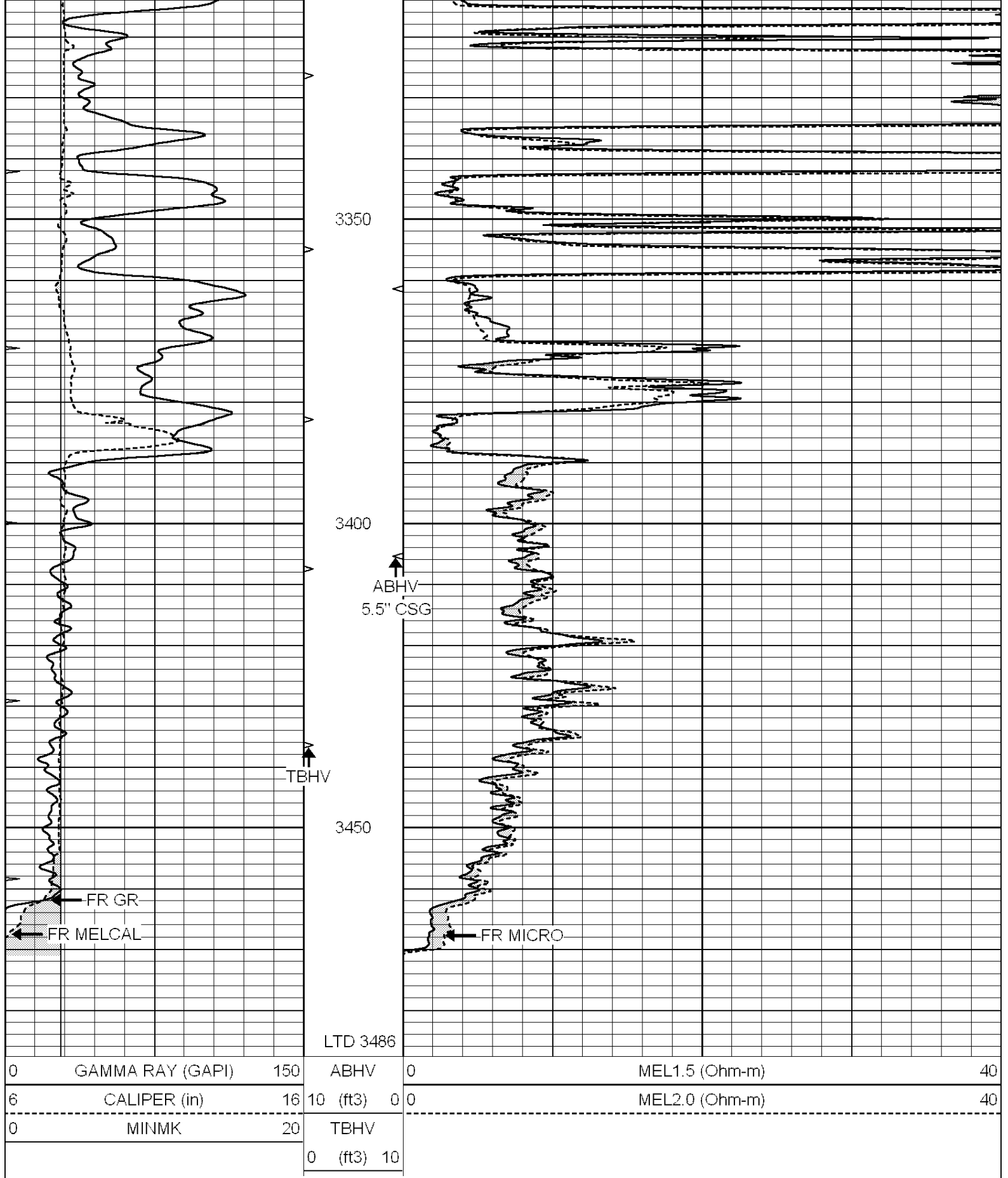
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Dataset Pathname: pass7.1
Presentation Format: micro
Dataset Creation: Tue Aug 07 07:49:14 2012 by Calc Open-Cased 090629
Charted by: Depth in Feet scaled 1:240

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







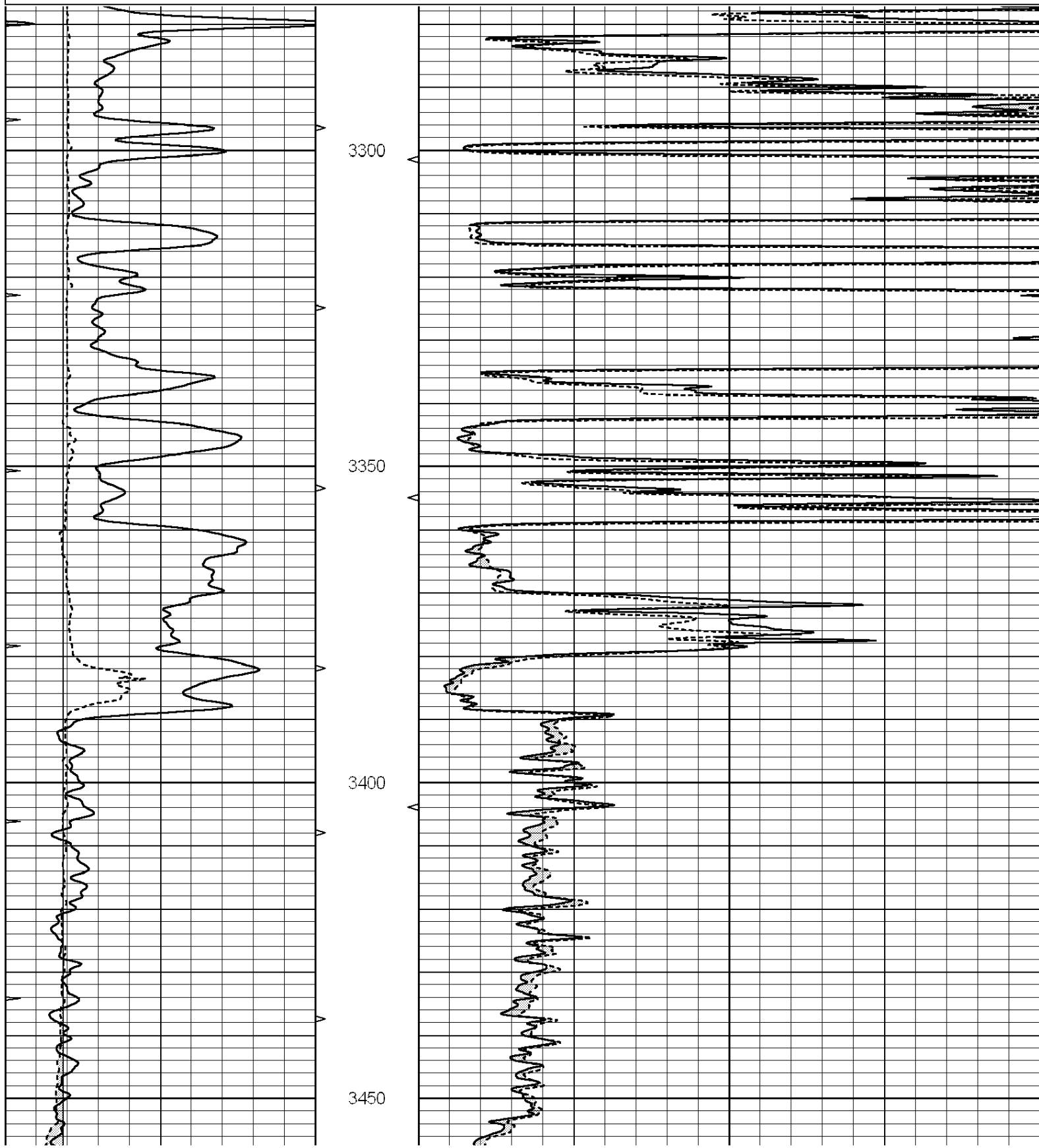


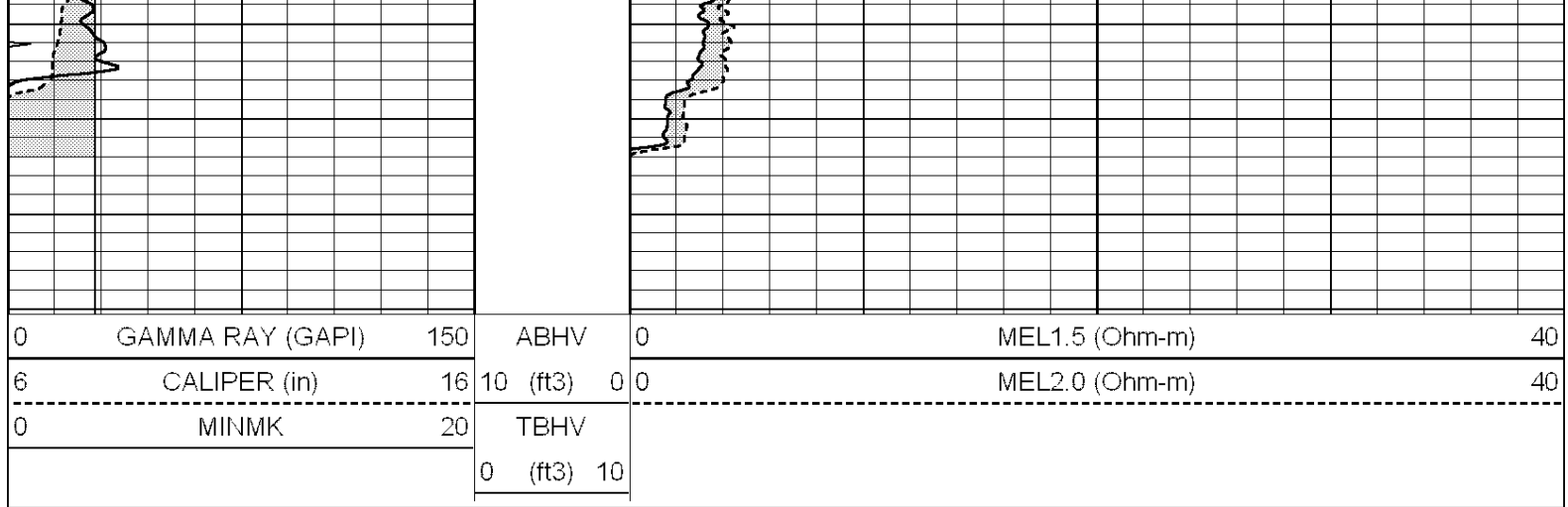
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REPEAT SECTION

Database File: 007995ddn.db
Dataset Pathname: pass6.1
Presentation Format: micro
Dataset Creation: Tue Aug 07 07:38:47 2012 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	MEL2.0 (Ohm-m)	40
0	MINMK	20	TBHV			
			0 (ft3)	10		





Calibration Report			
Database File:	007995ddn.db		
Dataset Pathname:	pass7.1		
Dataset Creation:	Tue Aug 07 07:49:14 2012 by Calc Open-Cased 090629		
MICRO Calibration Report			
Serial Number:	MICRO3		
Tool Model:	PROBE		
Performed:	Thu Nov 17 03:06:31 2011		
Caliper Calibration:	Gain=3.916	Offset=-10.071	
	Low Cal	High Cal	
References	8.000	14.000	
Readings	4.257	5.789	
1.5" Calibration:	Gain=270.000	Offset=-0.700	
	Low Cal	High Cal	
References	0.000	20.000	
Readings	0.004	0.228	
2" Calibration:	Gain=200.553	Offset=0.000	
	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:	Mon Jun 13 16:56:43 2011		
Calibrator Value:	150.0	GAPI	
Background Reading:	0.0	cps	
Calibrator Reading:	175.0	cps	
Sensitivity:	0.8371	GAPI/cps	