



SUPERIOR
Hays,
Kansas

MICRO LOG

Company		EMPIRE ENERGY E&P, LLC.	
Well		WOKATY #7	
Field		MAX	
County		STAFFORD	
State		KANSAS	
Location:		APL # : 15-185-23701-0000 2300' FNL & 1300' FVL NE - SE - SW - NW	
Permanent Datum		GROUND LEVEL	
Log Measured From		KELLY BUSHING 11' A.G.L.	
Drilling Measured From		KELLY BUSHING	
SEC 12 TWP 22S RGE 12W		Elevation K.B. 1833 D.F. 1831 G.L. 1822	
Date	10/28/11		
Run Number	TWO		
Depth Driller	3700		
Depth Logger	3702		
Bottom Logged Interval	3684		
Top Log Interval	2700		
Casing Driller	8 5/8" @ 598		
Casing Logger	610		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 6100 PPM	
Density / Viscosity	9.4/52		
pH / Fluid Loss	10.5/9.6		
Source of Sample	FLOWLINE		
Rim @ Meas. Temp	.85 @ 79F		
Rmf @ Meas. Temp	.63 @ 79F		
Rmc @ Meas. Temp	1.02 @ 79F		
Source of Rmf / Rmc	MEASURED		
Rim @ BHT	.59 @ 113F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom			
Maximum Recorded Temperature	113F		
Equipment Number	680		
Location	HAYS, KS.		
Recorded By	JASON CAPPELLUCCI		
Witnessed By	JOSH AUSTIN	RICK POPP	

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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
GREAT BEND, KS. - S. ON 281 TO HWY 19 - 8 E. TO STAFFORD BLKTOP
1/4 S. - E. INTO

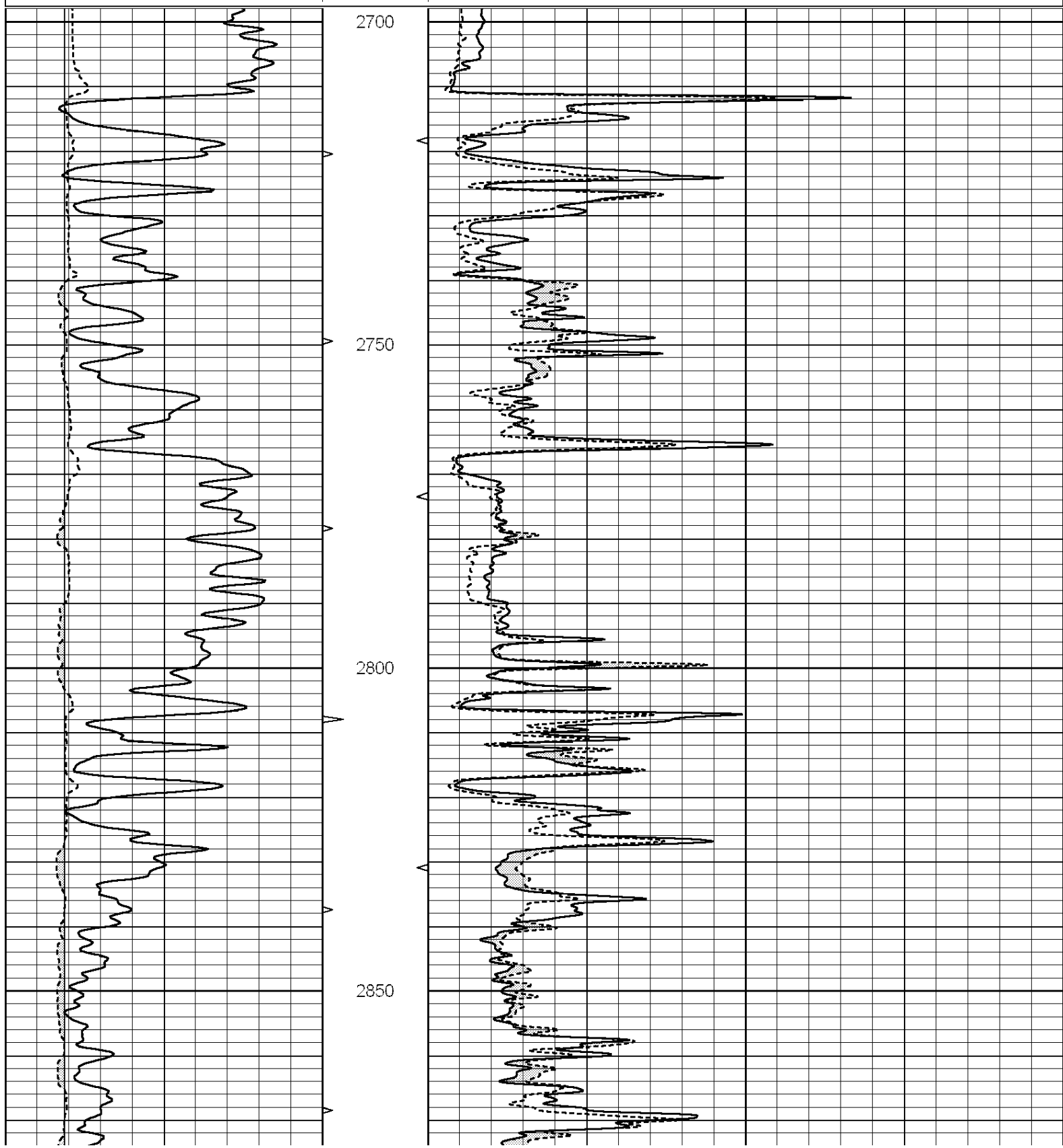


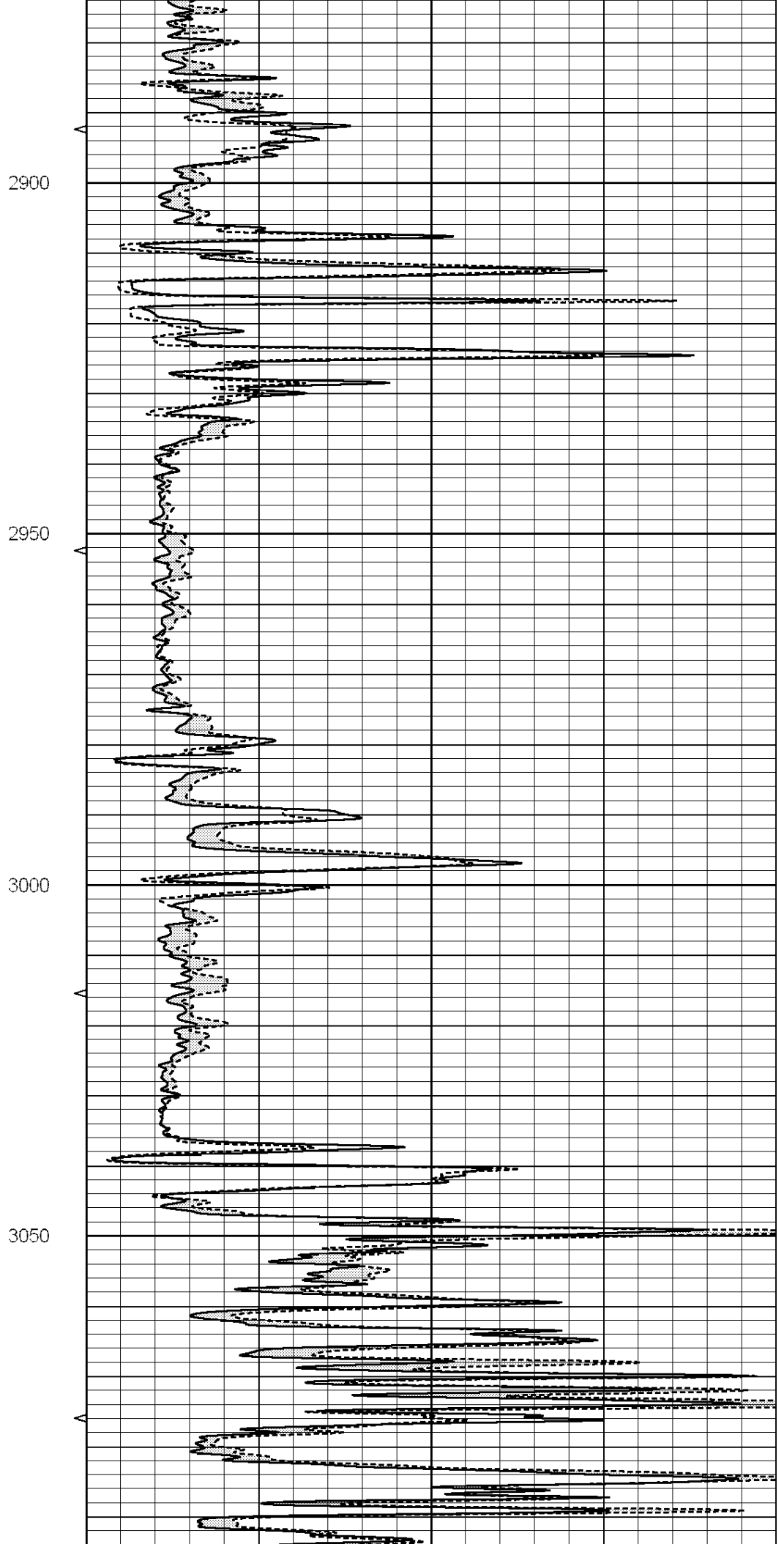
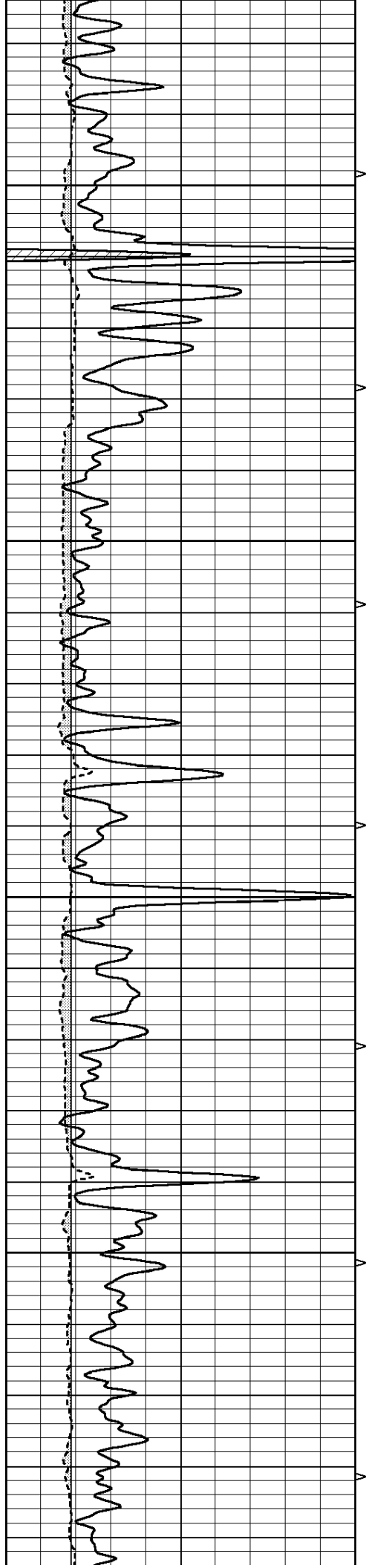
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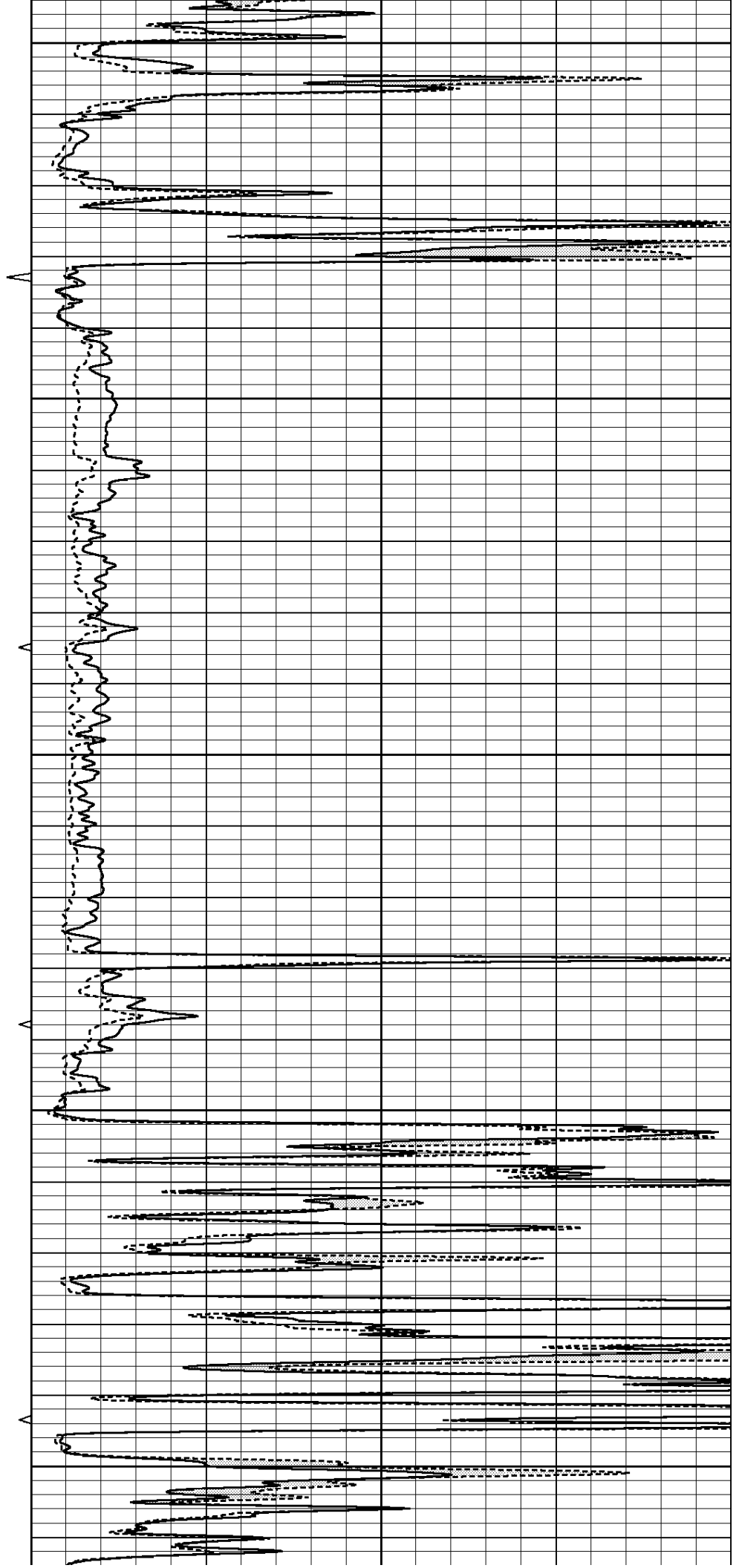
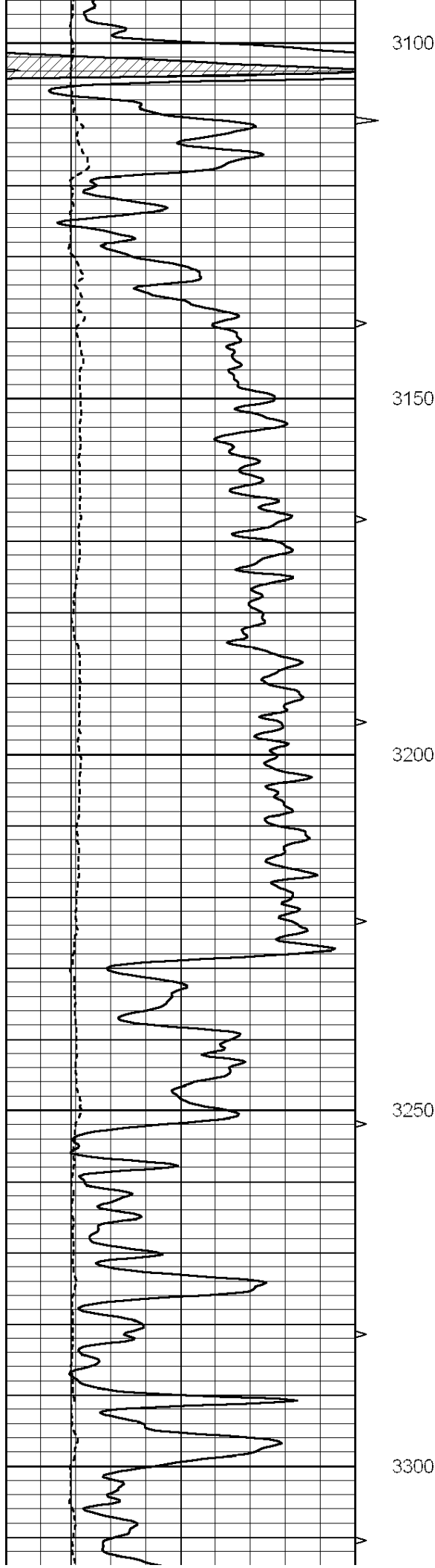
MAIN SECTION

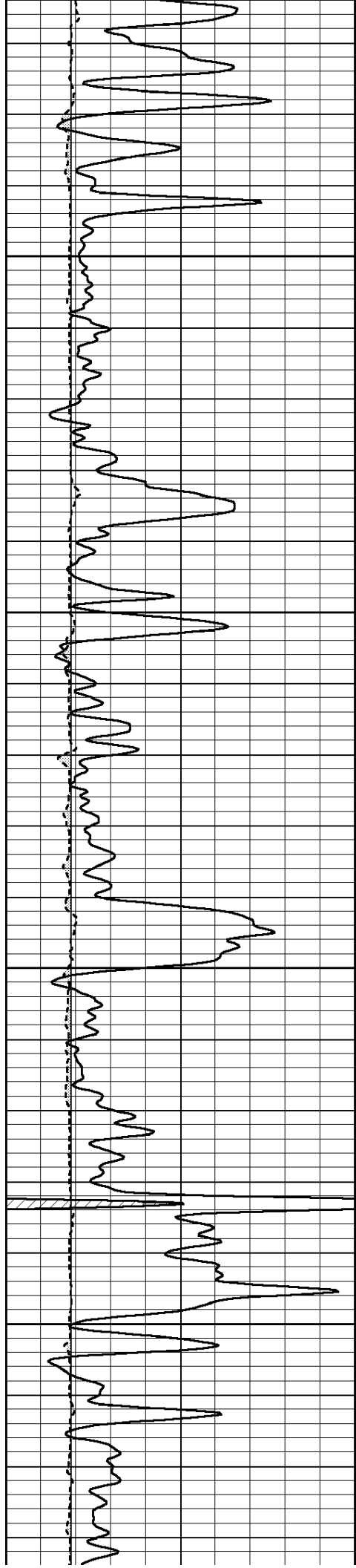
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Dataset Pathname: pass6.1
Presentation Format: _micro
Dataset Creation: Sat Oct 29 01:43:40 2011 by Calc Open-Cased 090629
Charted by: Depth in Feet scaled 1:240

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
			TBHV			
			0 (ft3)	10		







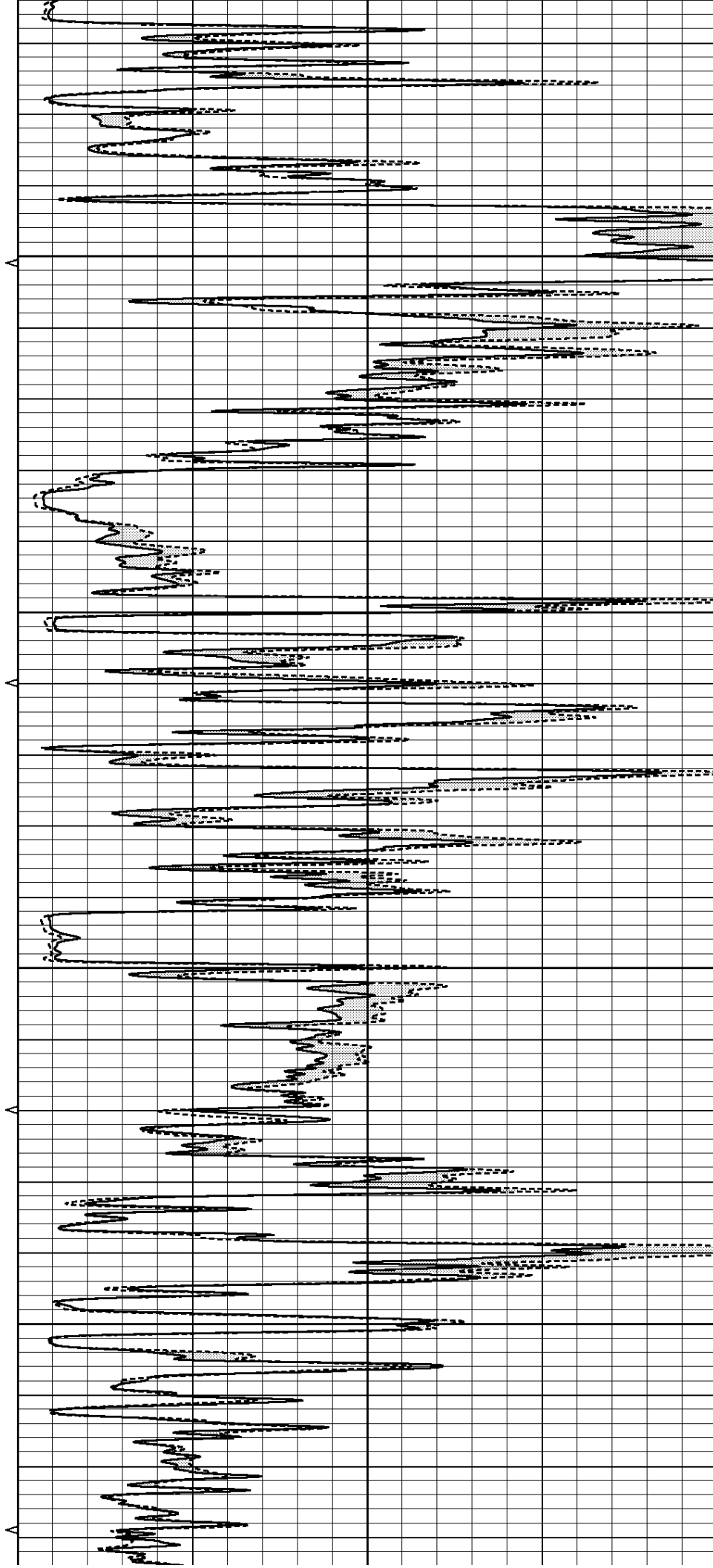


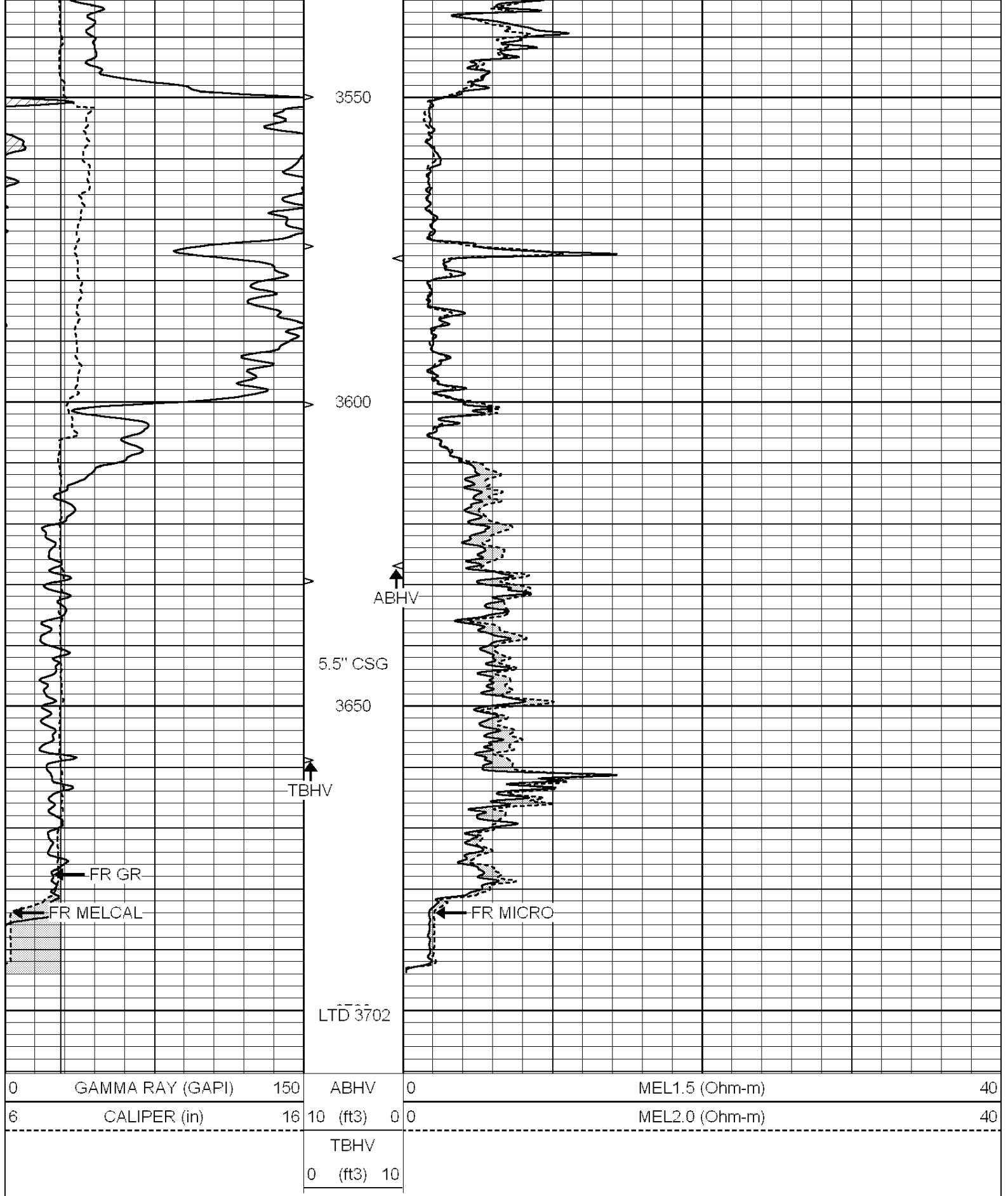
3350

3400

3450

3500



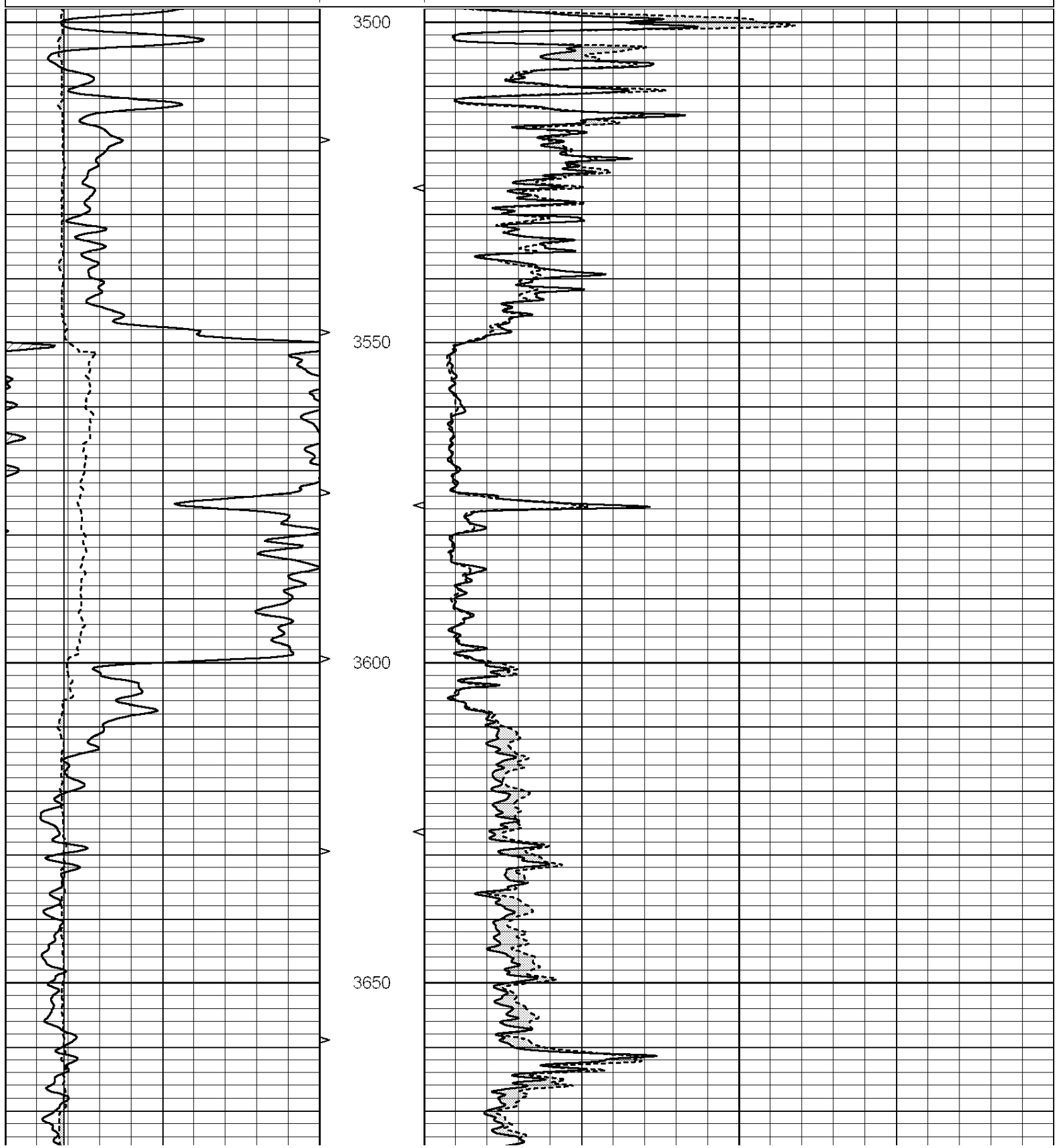


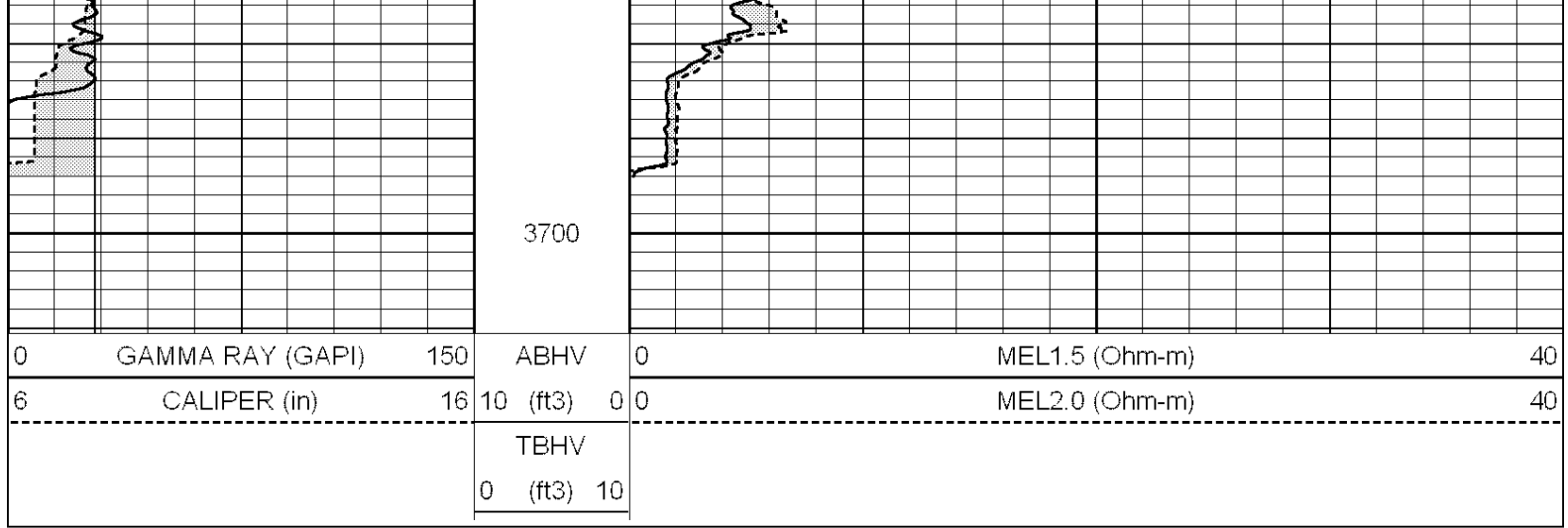
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REPEAT SECTION

Database File: 007894pe.db
Dataset Pathname: pass5.1
Presentation Format: _micro
Dataset Creation: Sat Oct 29 01:38:44 2011 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
			TBHV			
			0 (ft3) 10			





Calibration Report			
Database File:	007894pe.db		
Dataset Pathname:	pass5.1		
Dataset Creation:	Sat Oct 29 01:38:44 2011 by Calc Open-Cased 090629		
MICRO Calibration Report			
Serial Number:	MICRO3		
Tool Model:	PROBE		
Performed:	Tue Oct 25 12:58:04 2011		
Caliper Calibration:	Gain=3.916	Offset=-9.471	
	Low Cal	High Cal	
References	8.000	14.000	
Readings	4.257	5.789	
1.5" Calibration:	Gain=89.104	Offset=0.200	
	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:	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	