



SUPERIOR
Hays,
Kansas

MICRO
LOG

Company **PELICAN HILL OIL & GAS INC.**
Well **NELSON #6-16**
Field **WILDCAT**
County **TREGO** State **KANSAS**

Location: **API # : 15-195-227/44-0000**

1461' FNL & 2055' FEL
SE - SW - NW - NE

Other Services
CDL/CNL
DIL/SON/FRACTION

SEC 16 TWP 11S RGE 21W

Elevation

Permanent Datum **GROUND LEVEL** Elevation **2203**
Log Measured From **KELLY BUSHING 8' A.G.L.**
Drilling Measured From **KELLY BUSHING**

Date **12/14/11**

Run Number **TWO**

Depth Driller **3856**

Depth Logger **3858**

Bottom Logged Interval **3830**

Top Log Interval **3200**

Casing Driller **8 5/8" @ 266**

Casing Logger **265**

Bit Size **7 7/8**

Type Fluid in Hole **CHEMICAL MUD**

Density / Viscosity **9.4/62**

pH / Fluid Loss **11.0/5.8**

Source of Sample **FLOWLINE**

Rim @ Meas. Temp **1.30 @ 61F**

Rmf @ Meas. Temp **0.98 @ 61F**

Rmc @ Meas. Temp **1.56 @ 61F**

Source of Rmf / Rmc **MEASURED**

Rim @ BHT **.69 @ 115F**

Time Circulation Stopped **2 HOURS**

Time Logger on Bottom **115F**

Maximum Recorded Temperature **115F**

Equipment Number **680**

Location **HAYS, KS.**

Recorded By **JEFF GRONEMEG**

Witnessed By **CHRIS BEAN**

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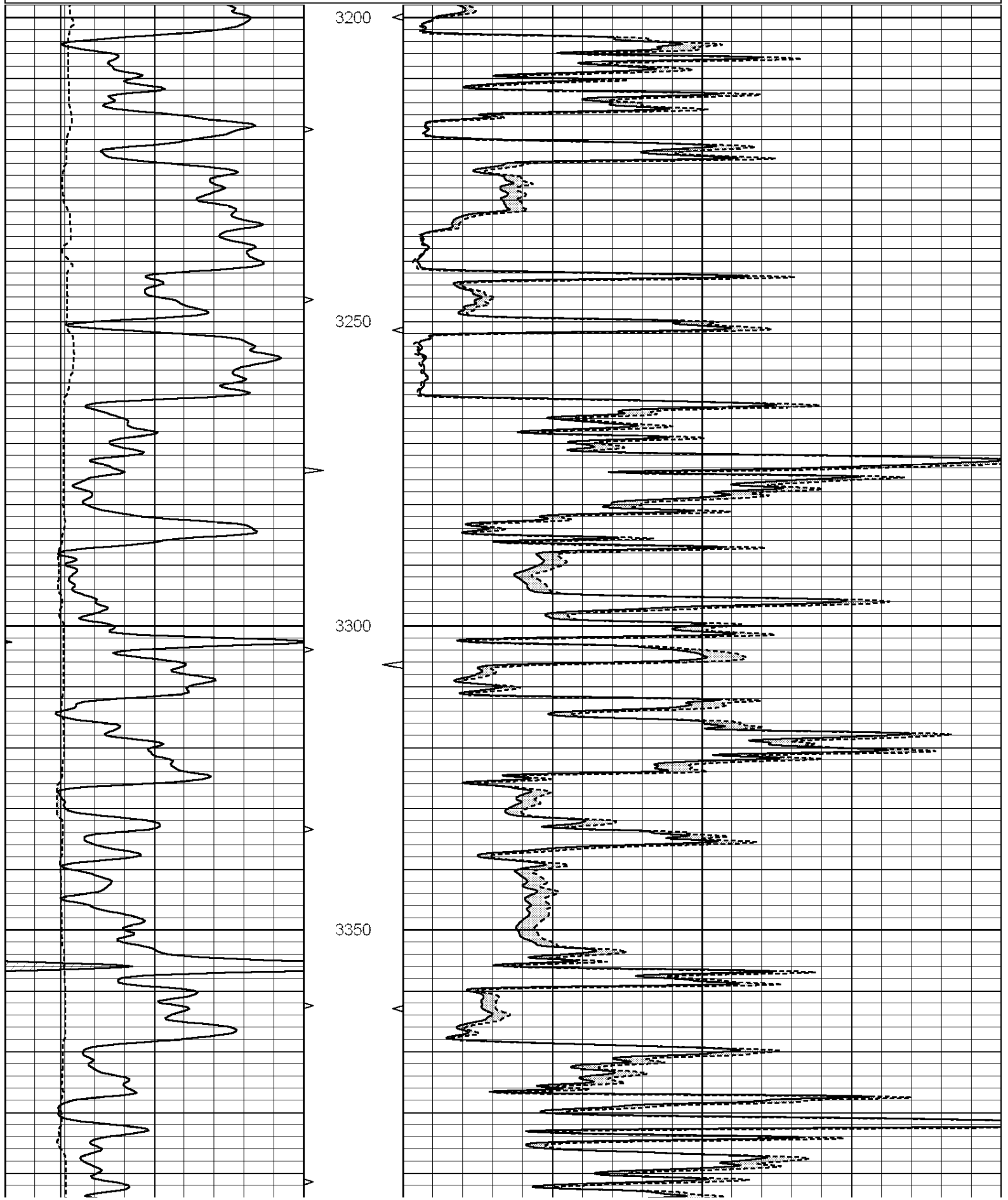
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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.

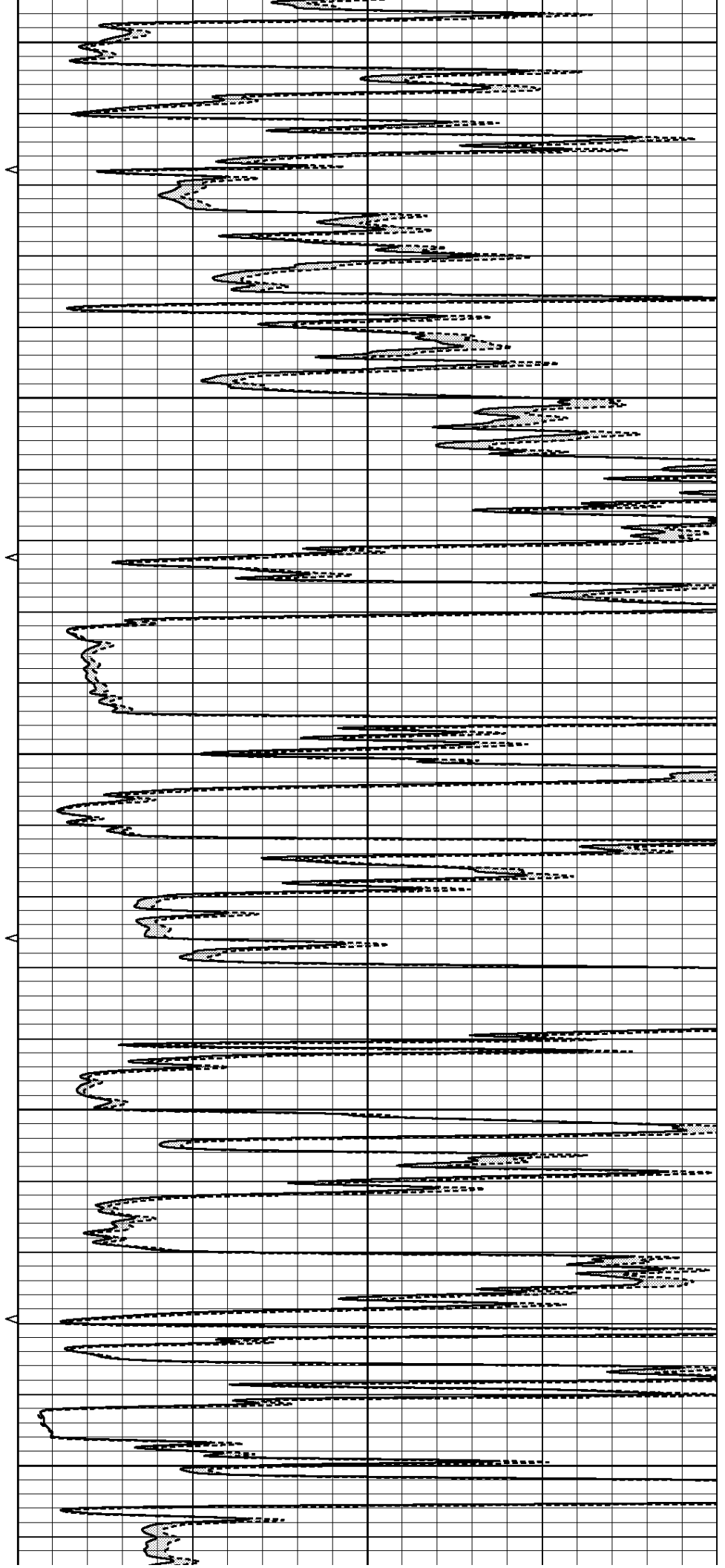
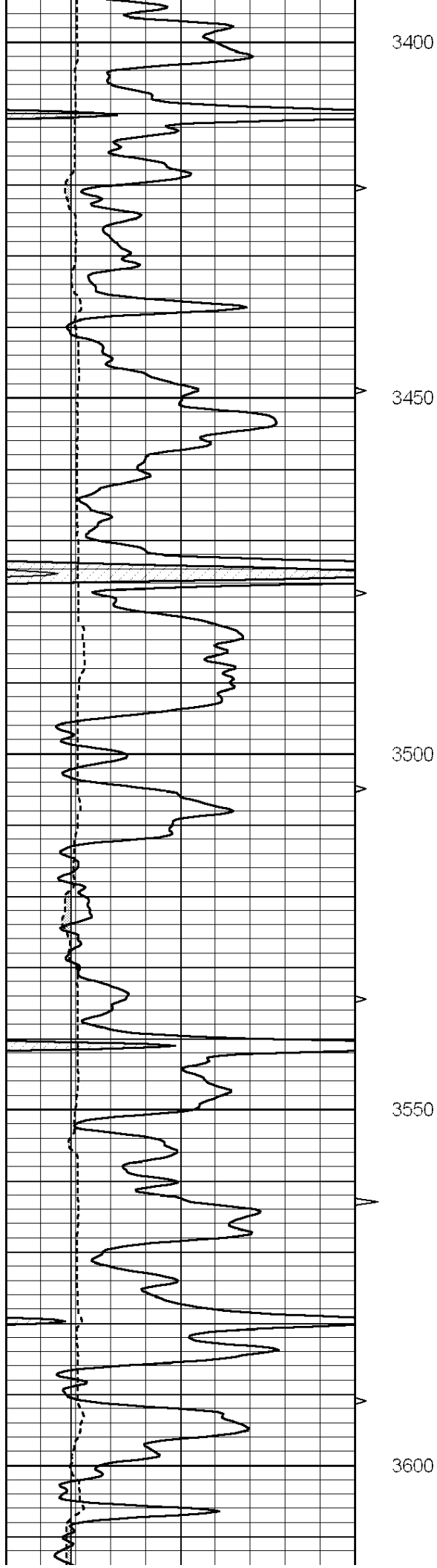
Comments

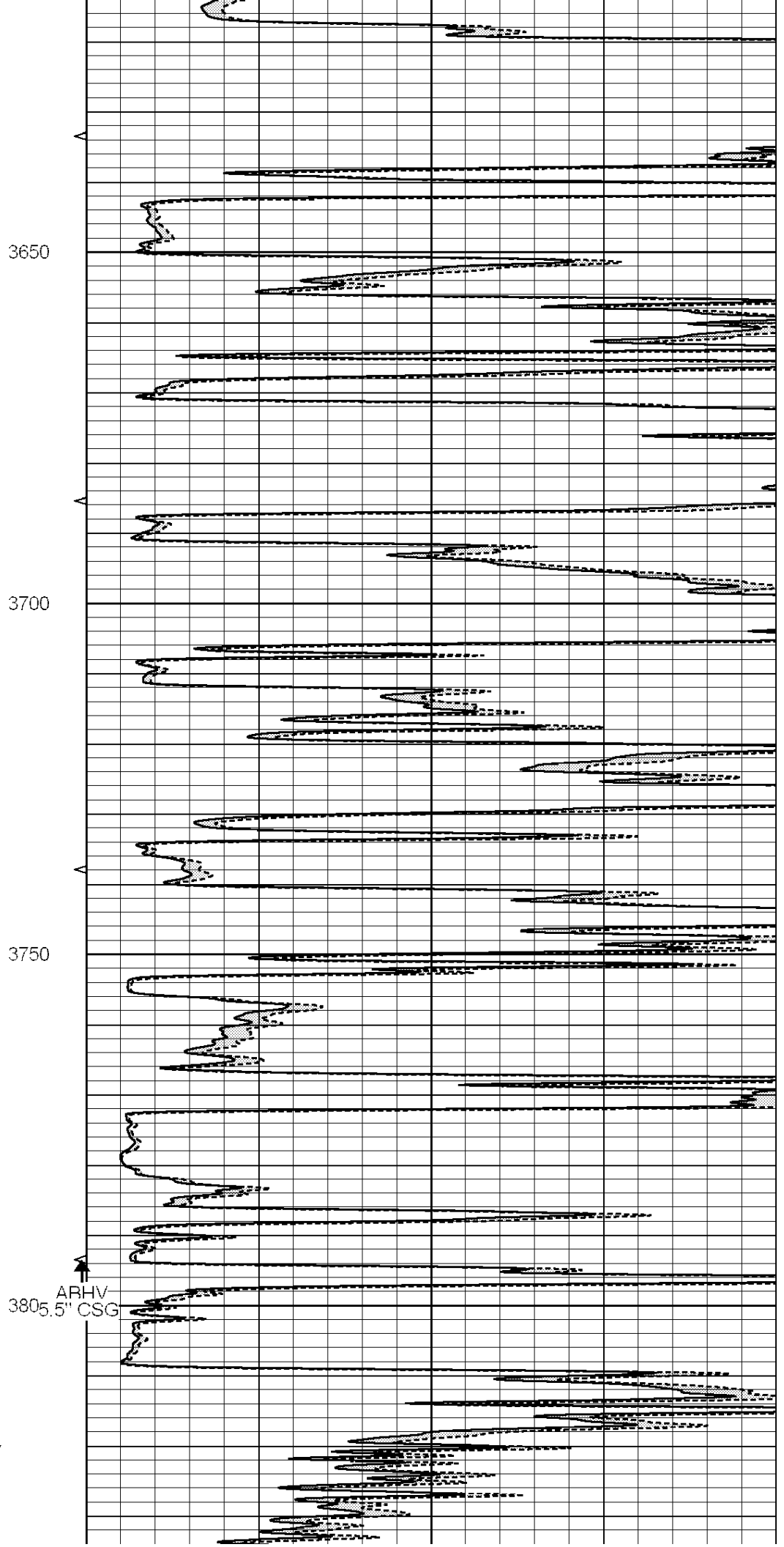
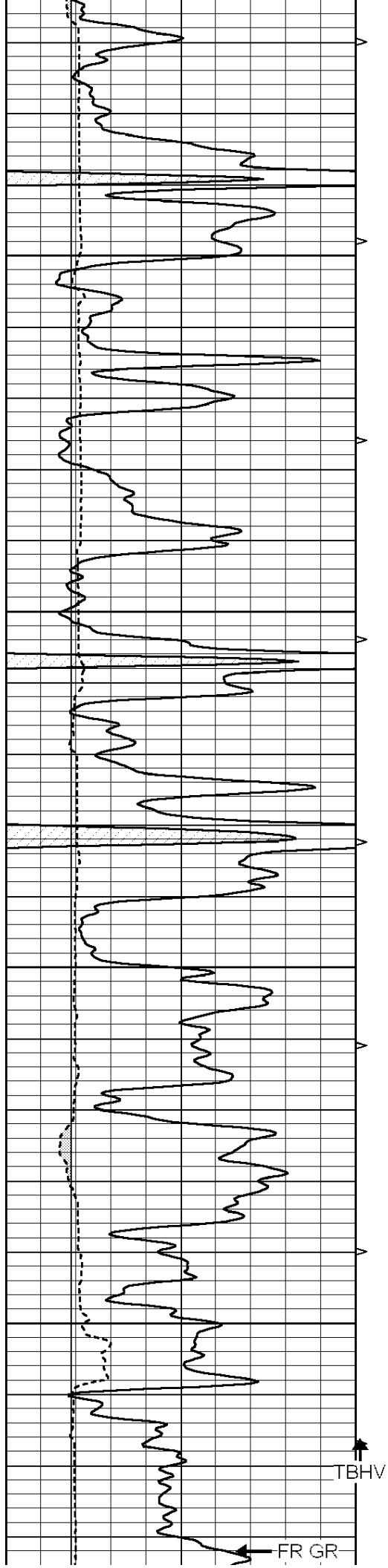
THANK YOU FOR USING SUPERIOR WELL SERVICE (785) 628-6395
DIRECTIONS
I-70 AND RIGA RD - 8 1/2 MILES NORTH - WEST INTO

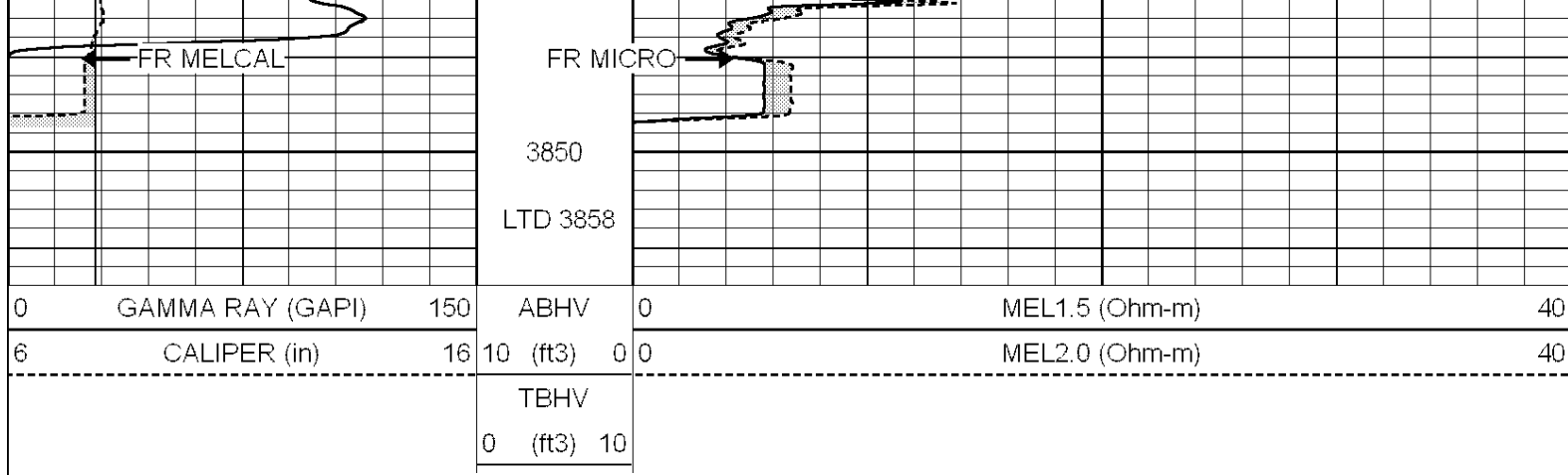
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Dataset Pathname: pass6.1
Presentation Format: _micro
Dataset Creation: Wed Dec 14 03:09:05 2011 by Calc Open-Cased 090629
Charted by: Depth in Feet scaled 1:240

Charted by:		Depth in Feet scaled 1:2.15				
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				







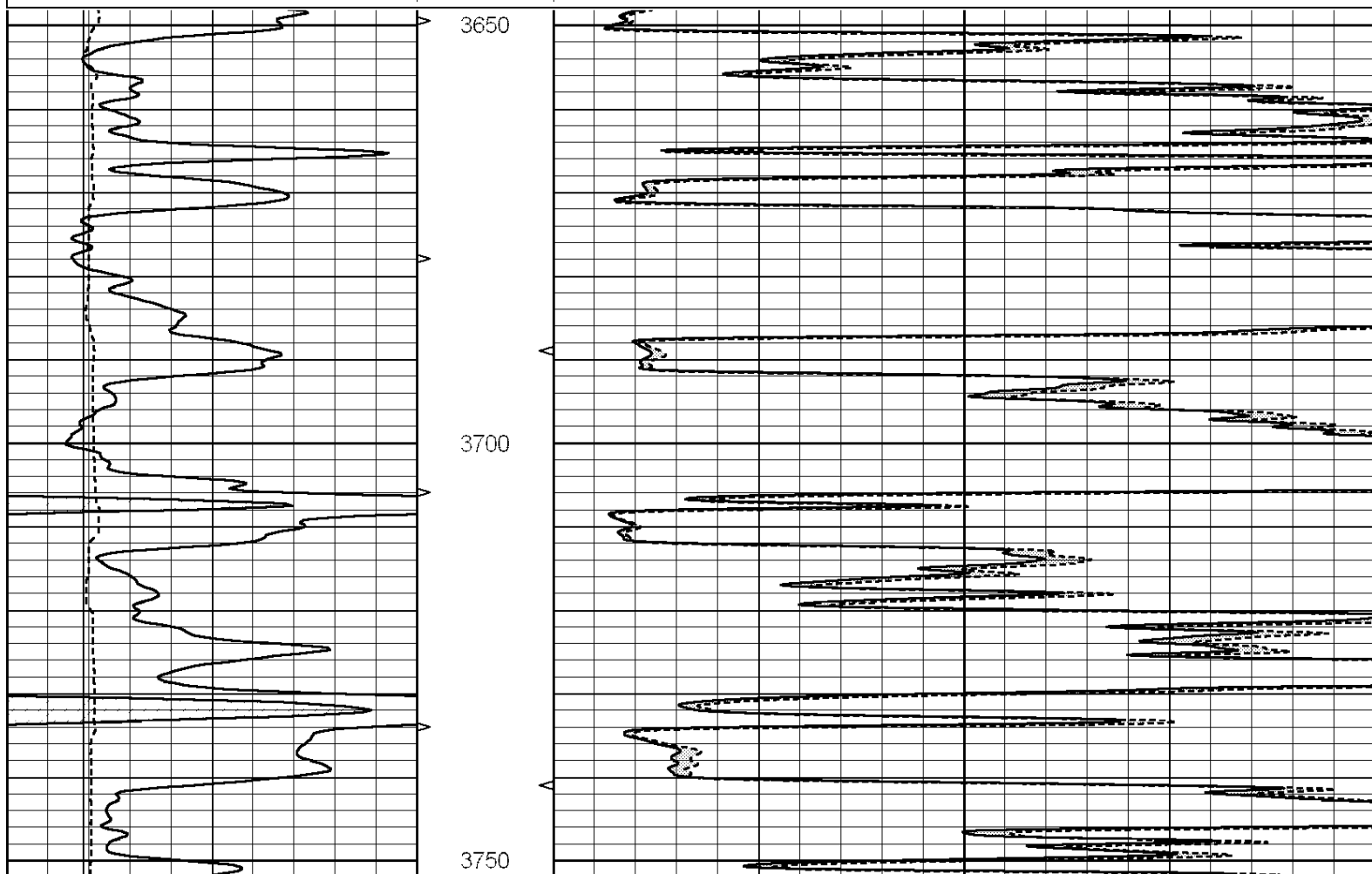


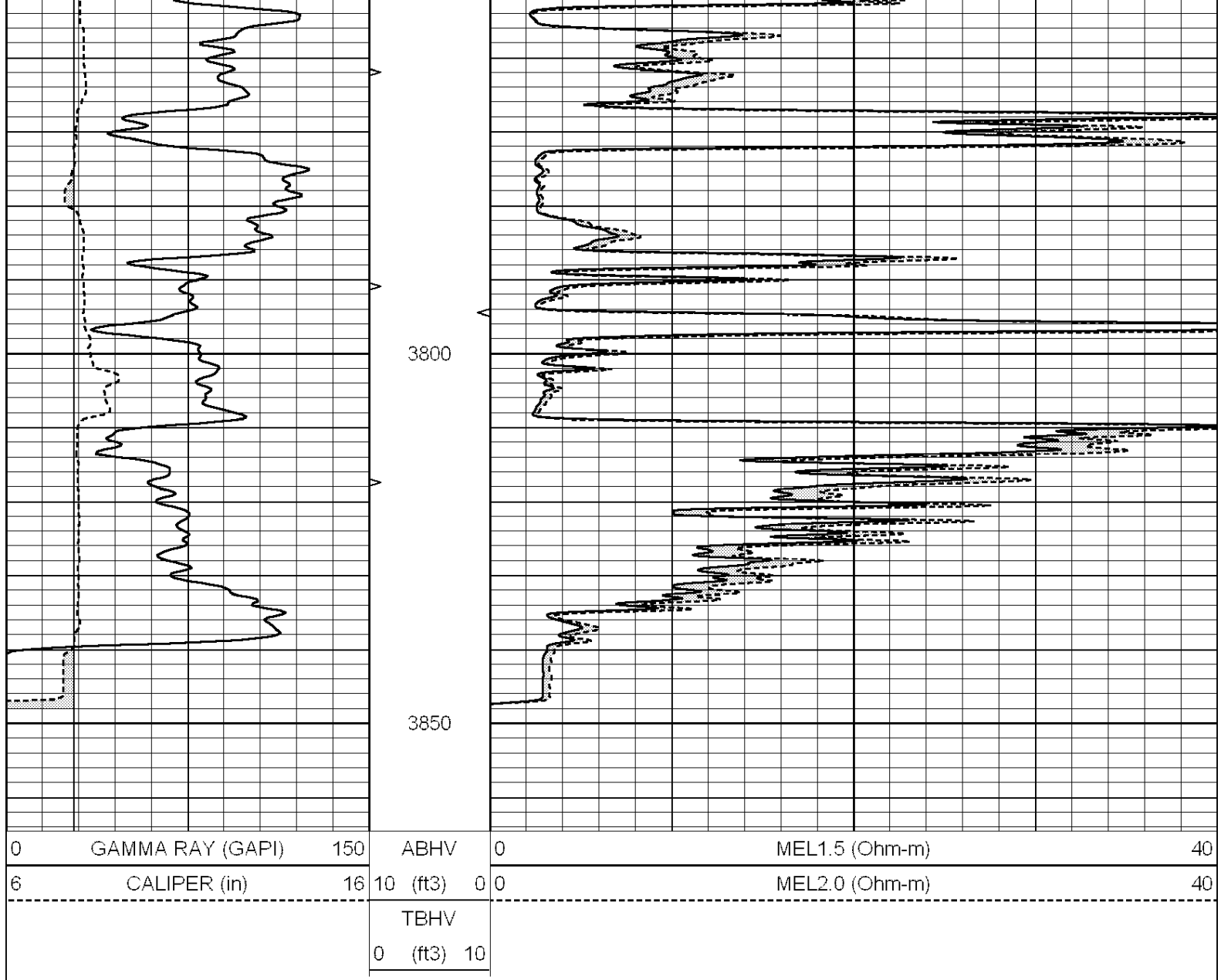
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REPEAT SECTION

Database File: 008652ddn.db
 Dataset Pathname: pass5.1
 Presentation Format: _micro
 Dataset Creation: Wed Dec 14 02:35:05 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: 008652ddh.db
Dataset Pathname: pass6.1
Dataset Creation: Wed Dec 14 03:09:05 2011 by Calc Open-Cased 090629

MICRO Calibration Report

Serial Number:	MICRO6	
Tool Model:	PROBE	
Performed:	Wed Dec 14 02:35:39 2011	
Caliper Calibration:	Gain=5.211	Offset=0.160
References	Low Cal	High Cal
Readings	8.000	14.000
	1.178	2.330
1.5" Calibration:	Gain=30.075	Offset=-0.650
References	Low Cal	High Cal
Readings	0.000	20.000
	0.004	1.196
2" Calibration:	Gain=94.041	Offset=-1.800
References	Low Cal	High Cal
Readings	0.000	20.000
	0.004	1.196

References	Low Cal	High Cal
Readings	0.000	20.000
	0.006	0.913
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