



SUPERIOR
Hays,
Kansas

MICRO LOG

Company		PFEIFER EXPLORATION, LLC.	
Well		R & A SCHMIDT #34-1	
Field		SCHMEIDLER S.E.	
County		ELLIS	
State		KANSAS	
Location:		APL # : 15-051-26256-0000	
Permanent Datum		GROUND LEVEL	
Log Measured From		3927' FSL & 1353' FWL	
Drilling Measured From		NW - NW - SE - NW	
SEC 34 TWP 12S RGE 17W		Elevation	
		CDL/CNL	
		DIL	
		Elevation	
		K.B. 2074	
		D.F. 2072	
		G.L. 2066	
Date	1/18/12		
Run Number	TWO		
Depth Driller	3703		
Depth Logger	3704		
Bottom Logged Interval	3702		
Top Log Interval	3000		
Casing Driller	8 5/8"@221'		
Casing Logger	221		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 2,400 PPM	
Density / Viscosity	8.8/52		
pH / Fluid Loss	11.5/6.8		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	.700@70F		
Rmt @ Meas. Temp	.525@70F		
Rmc @ Meas. Temp	.840@70F		
Source of Rmt / Rmc	MEASUREMENT		
Rm @ BHT	.434@113F		
Time Circulation Stopped	3.5 HOURS		
Time Logger on Bottom	3:30 P.M.		
Maximum Recorded Temperature	113F		
Equipment Number	4010		
Location	HAYS, KANSAS		
Recorded By	JEFF LUEBBERS		
Witnessed By	ROGER MOSES	JAY PFEIFER	

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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 HAYS, KANSAS (785) 628-6395
DIRECTIONS

CATHERINE, KS., 1E. TO "310TH AVE.", 2 1/2N., E. INTO BETWEEN TANK BATTERIES THEN BACK NOR

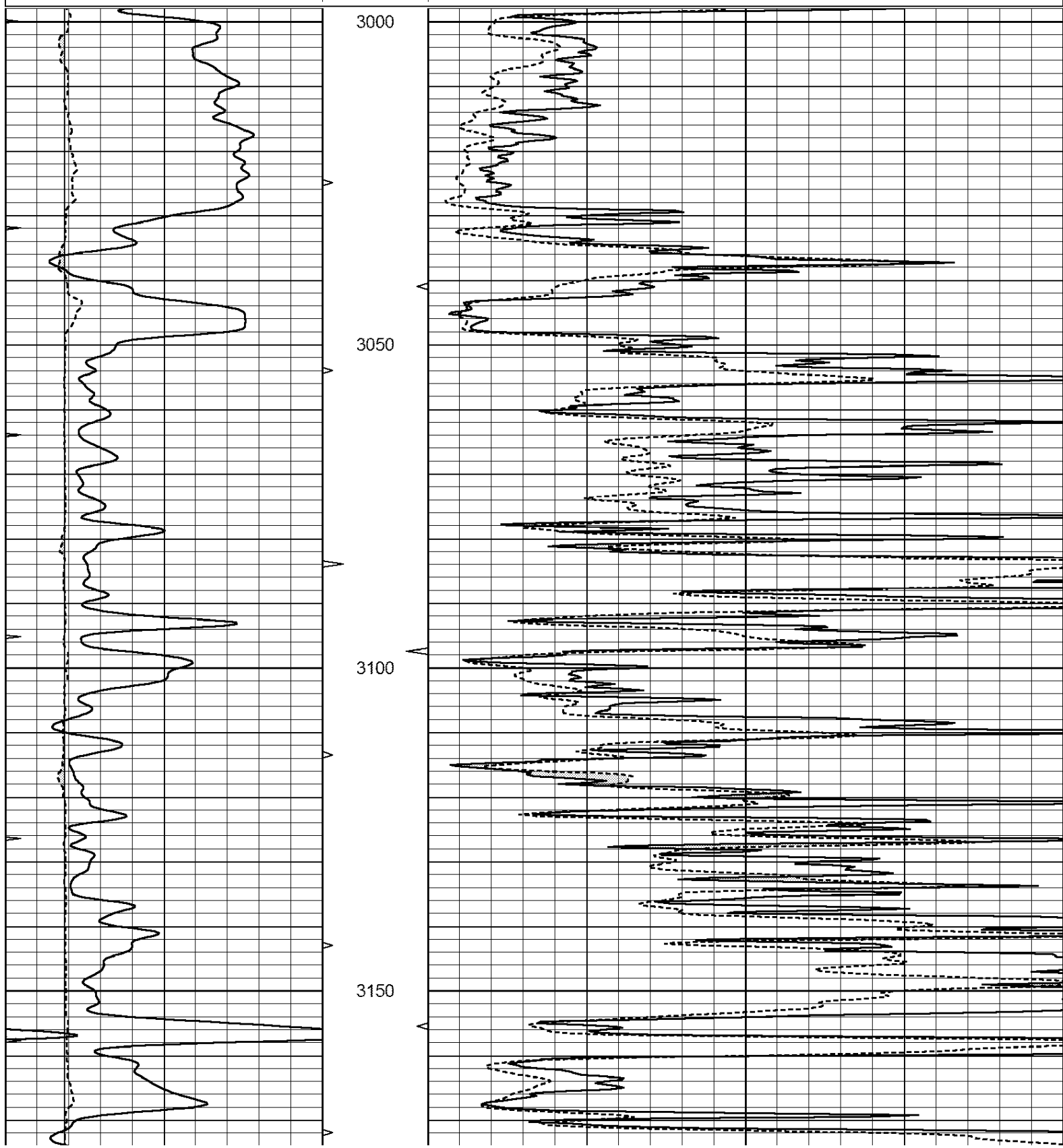


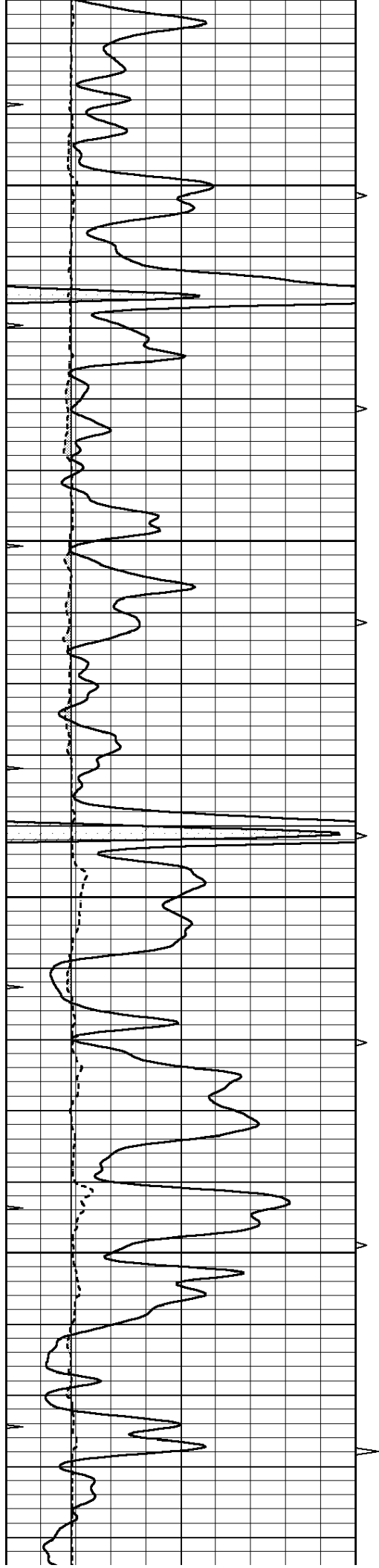
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MAIN SECTION

Database File: 008142ddn.db
Dataset Pathname: pass6.6
Presentation Format: micro
Dataset Creation: Wed Jan 18 18:28:04 2012
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			



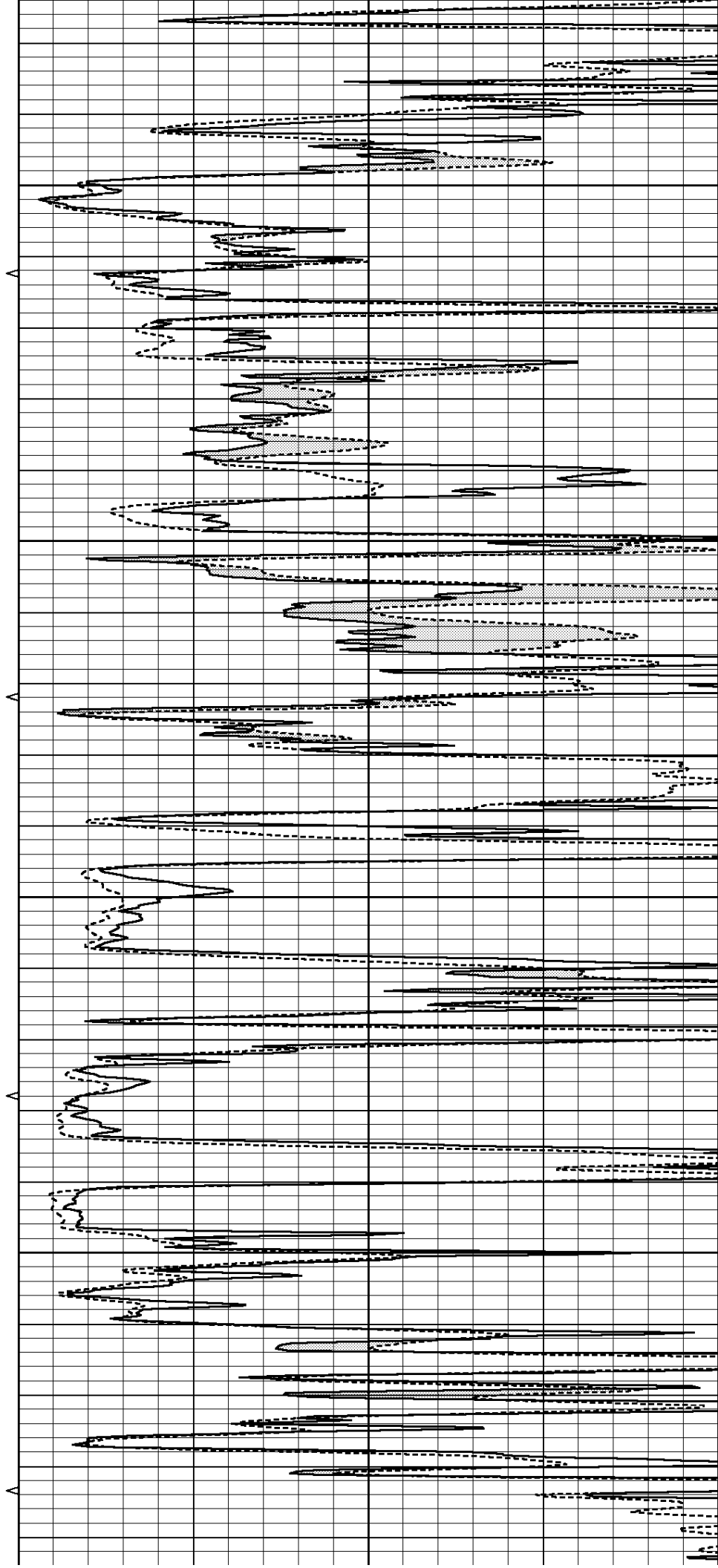


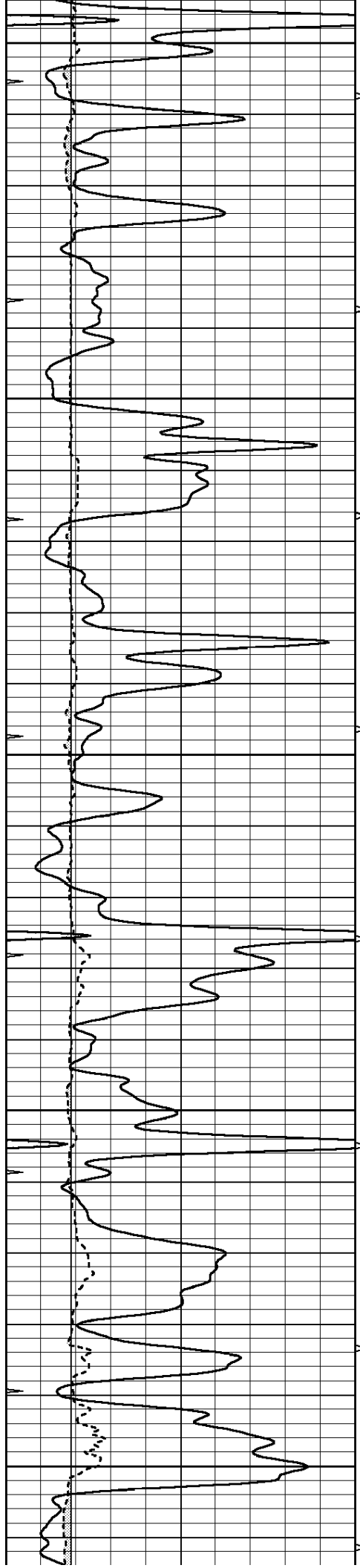
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3250

3300

3350





3400

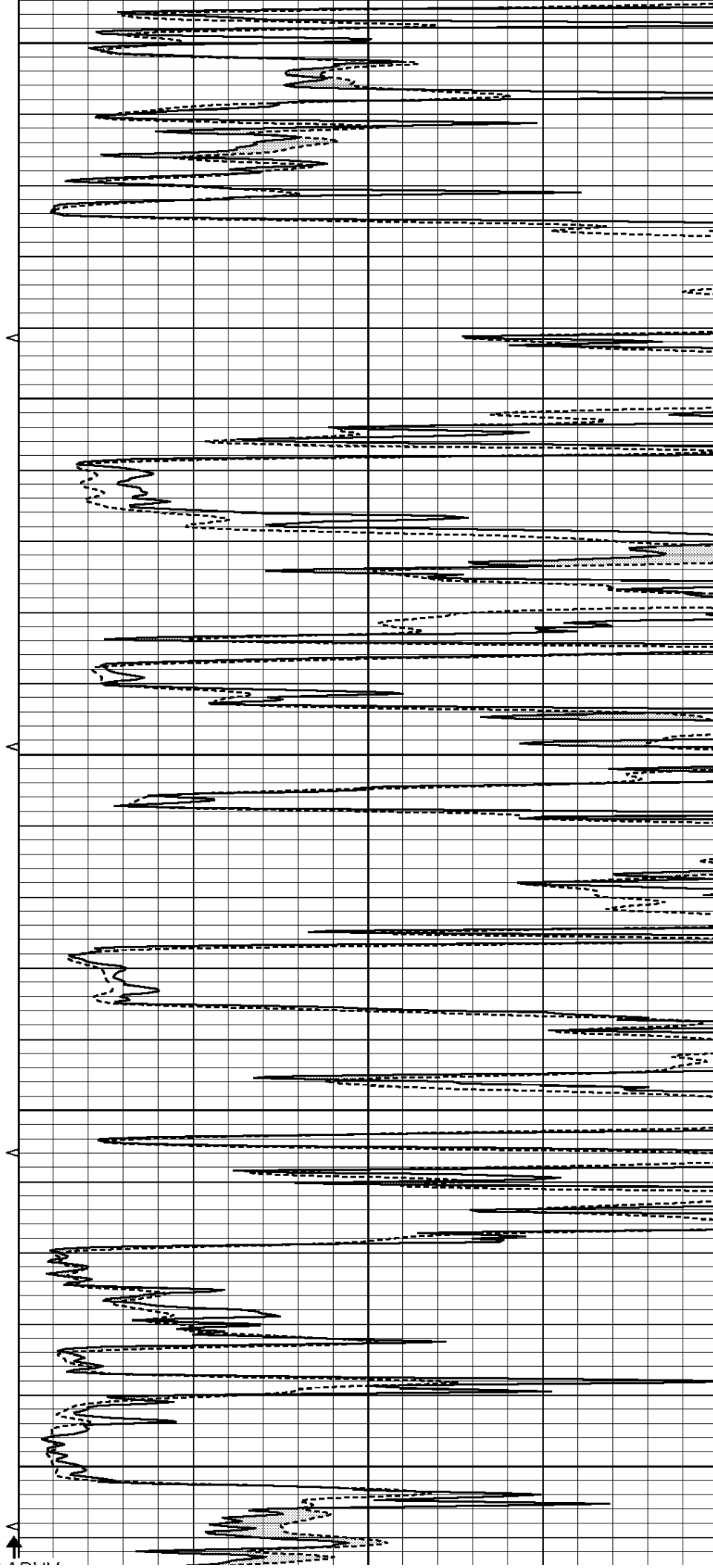
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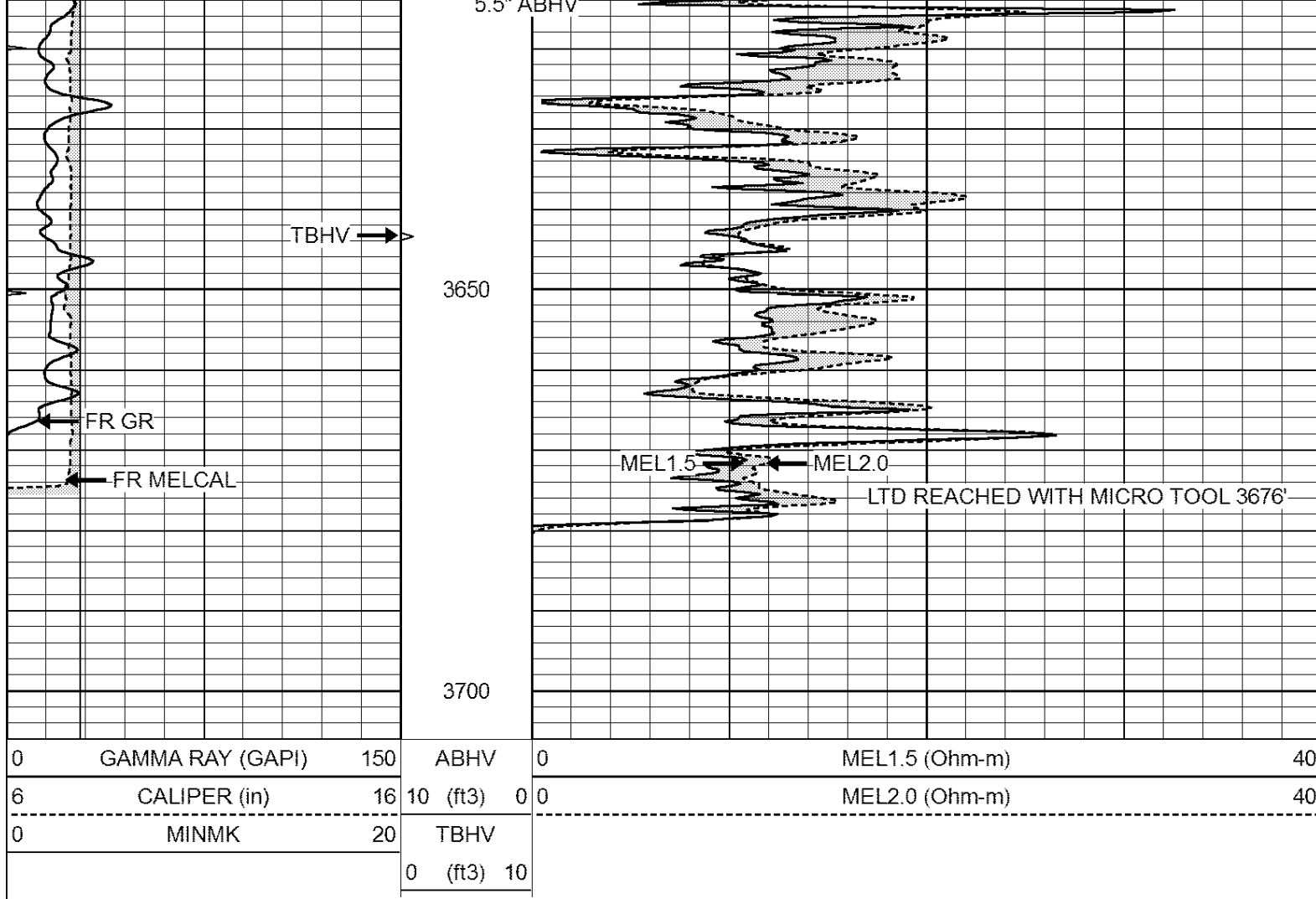
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3600

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3600



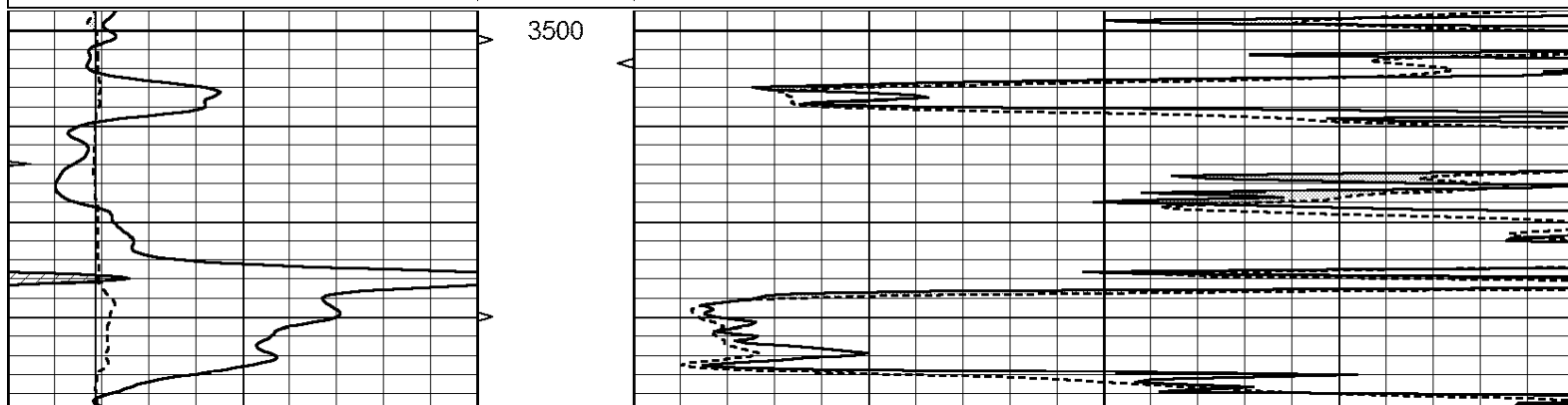


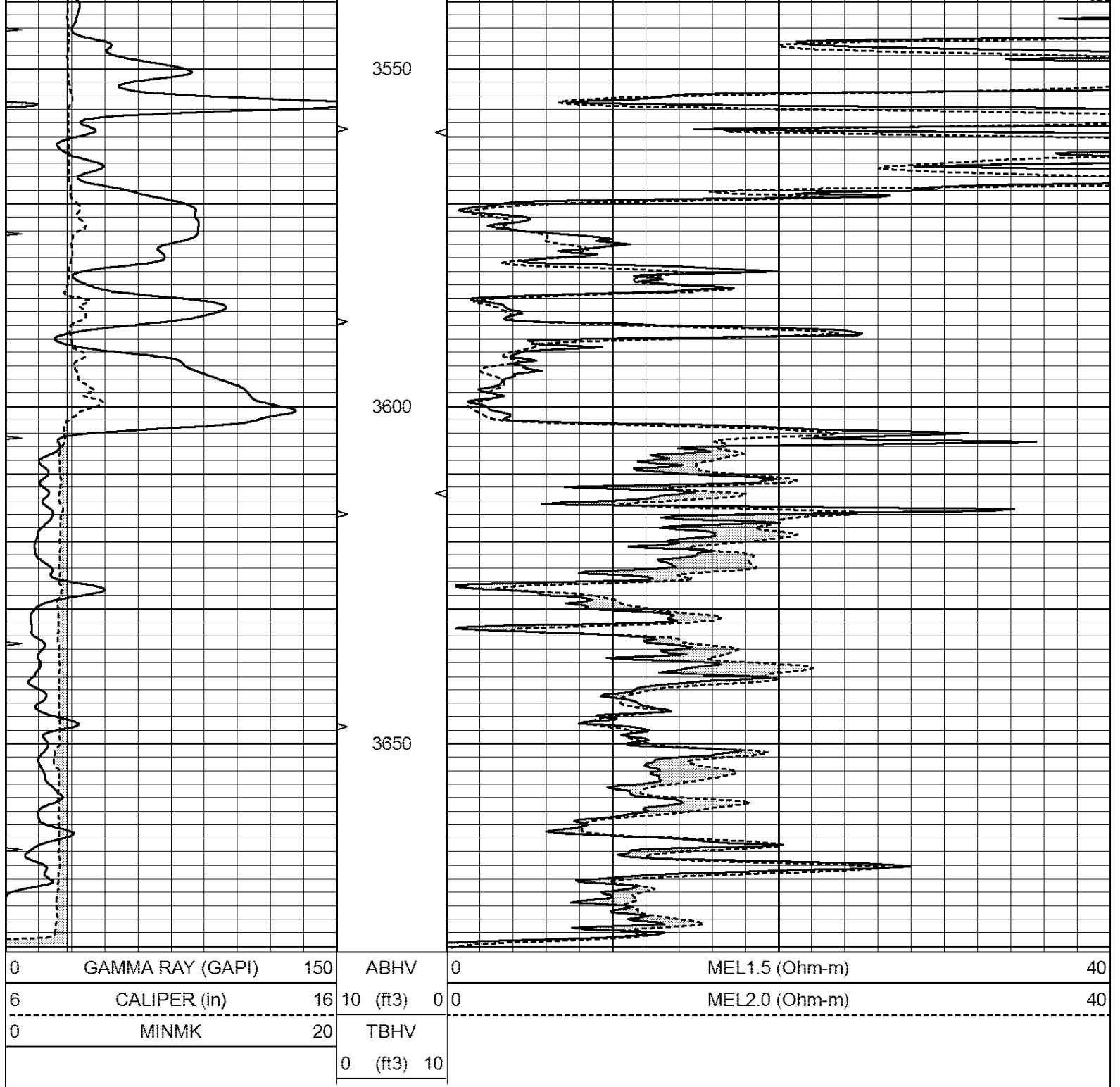
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REPEAT SECTION

Database File: 008142ddn.db
 Dataset Pathname: pass5.3
 Presentation Format: micro
 Dataset Creation: Wed Jan 18 18:22:07 2012 by Calc Open-Cased 110302
 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: 008142ddn.db
 Dataset Pathname: pass6.6
 Dataset Creation: Wed Jan 18 18:28:04 2012

MICRO Calibration Report

Serial Number: 2
 Tool Model: PROBE
 Performed: Mon Jan 16 02:07:52 2012

Caliper Calibration: Gain=3.753 Offset=3.357

	Low Cal	High Cal
References	7.600	14.000
Readings	1.130	2.835

1.5" Calibration:	Gain=42.000	Offset=-0.600
References	Low Cal 0.000	High Cal 20.000
Readings	0.065	1.210
2" Calibration:	Gain=52.000	Offset=0.000
References	Low Cal 0.000	High Cal 20.000
Readings	0.012	1.043
Gamma Ray Calibration Report		
Serial Number:	GR4	
Tool Model:	OPEN	
Performed:	Tue Jan 17 19:11:01 2012	
Calibrator Value:	200.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	189.0	cps
Sensitivity:	0.9500	GAPI/cps