



NABORS

**COMPLETION
& PRODUCTION
SERVICES CO.**

**MICRO
LOG**

Company DREILING OIL, INC.		Company DREILING OIL, INC.	
Well THOMPSON TRUST #2-1		Well THOMPSON TRUST #2-1	
Field OSBORNE		Field OSBORNE	
County OSBORNE		County OSBORNE	
State KANSAS		State KANSAS	
Location: APL # : 15-141-20457-0000 830' FNL & 1430' FWL NW - SW - NE - NW/4		Other Services CDL/CNL DIL	
Permanent Datum Log Measured From Drilling Measured From		GROUND LEVEL KELLY BUSHING 8' A.G.L. KELLY BUSHING	
SEC 1 TWP 9S RGE 12W		Elevation K.B. 1875 D.F. 1873 G.L. 1867	
Date	1/19/13		
Run Number	TWO		
Depth Driller	3330		
Depth Logger	3317		
Bottom Logged Interval	3315		
Top Log Interval	2500		
Casing Driller	8 5/8"@220'		
Casing Logger	219'		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 6,000 PPM	
Density / Viscosity	9.0/48		
pH / Fluid Loss	10.0/8.8		
Source of Sample	FLOWLINE		
Rin @ Meas. Temp	0.80@80F		
Rinf @ Meas. Temp	0.60@80F		
Rinc @ Meas. Temp	0.96@80F		
Source of Rinf / Rinc	MEASUREMENT		
Rin @ BHT	0.58@110F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom			
Maximum Recorded Temperature	110F		
Equipment Number	4854		
Location	HAYS, KANSAS		
Recorded By	JEFF GRONEMEG		
Witnessed By	ROGER FISHER		

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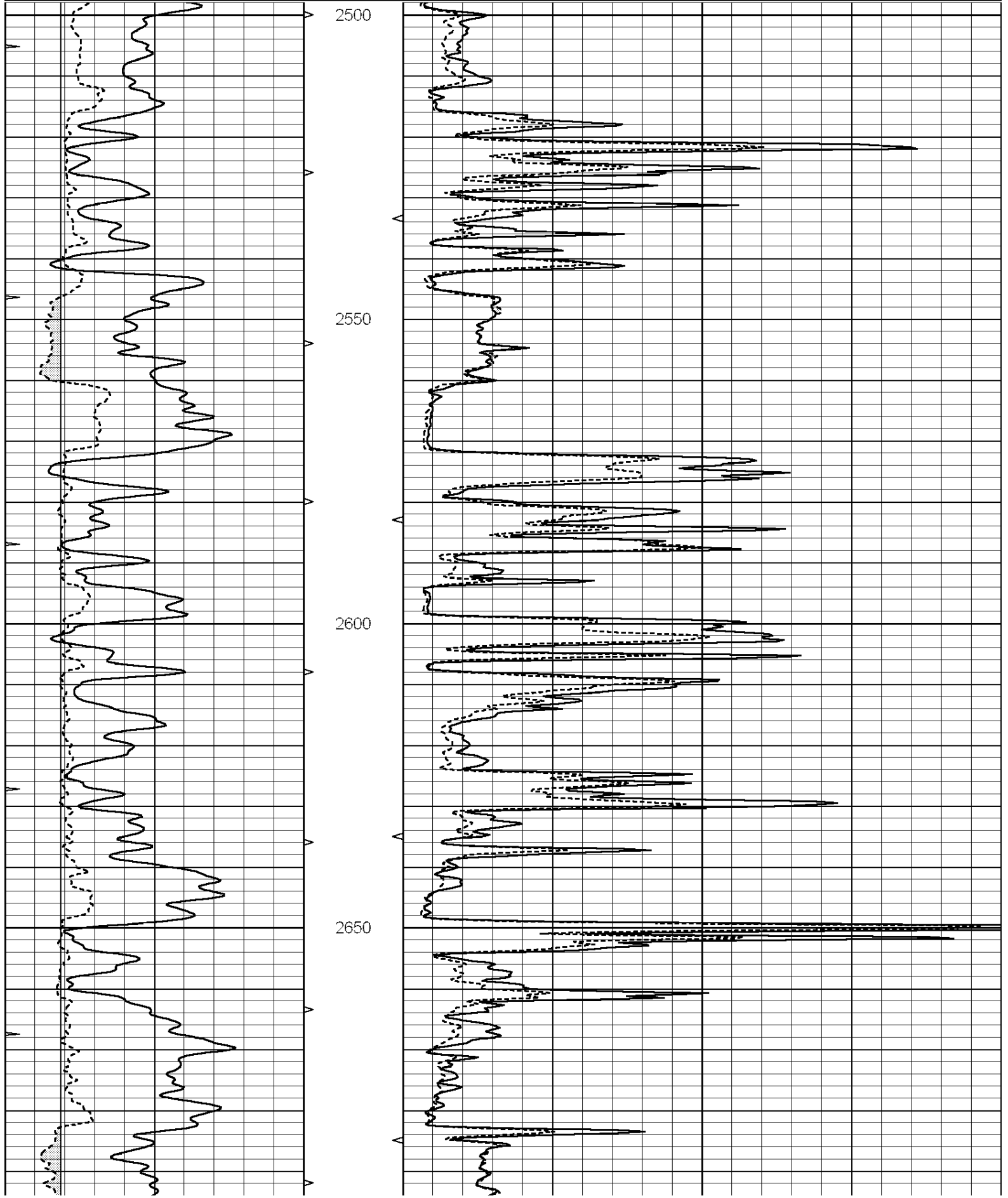
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

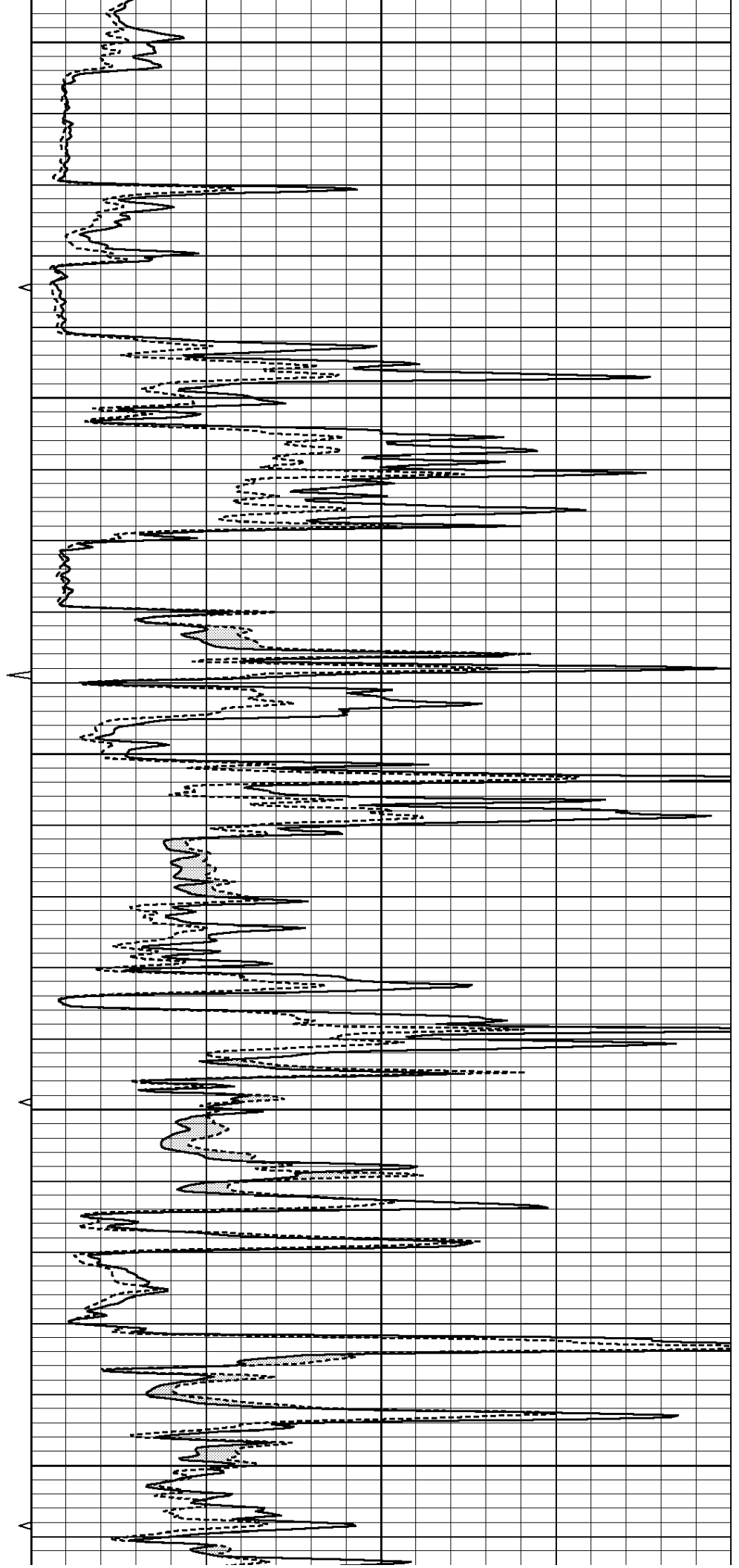
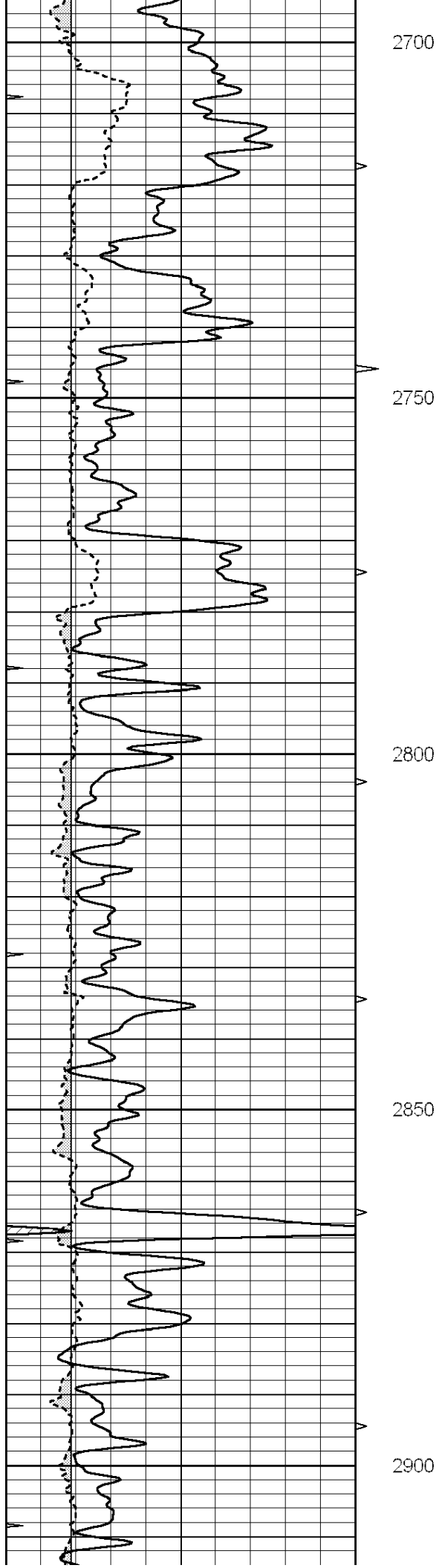
Comments

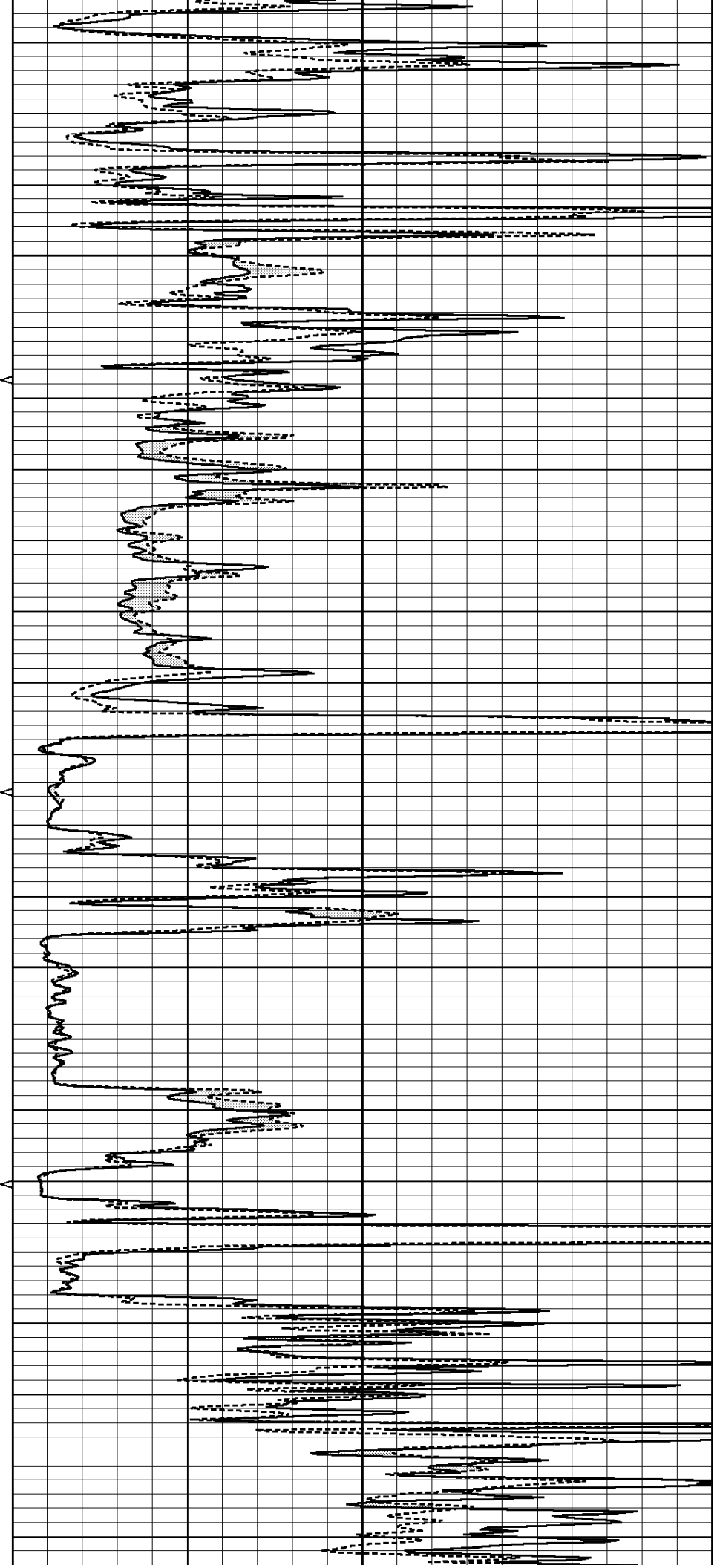
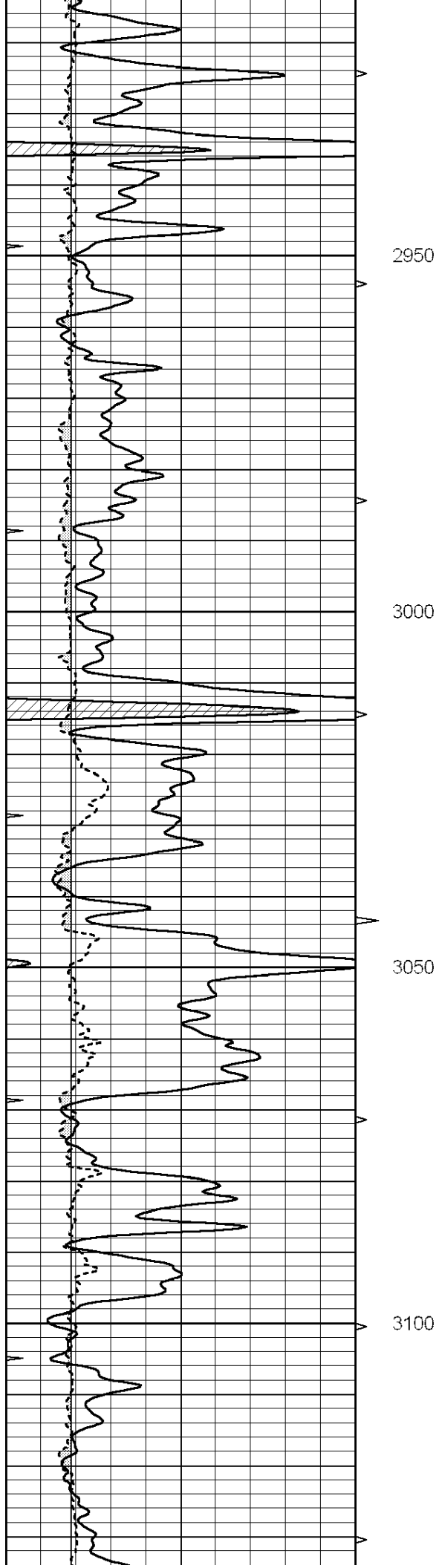
THANK YOU FOR USING "NABORS" HAYS, KANSAS (785) 628-6395
DIRECTIONS
LUCAS, KS - NORTH ON RD 202 17 MILES TO RD 190 - 4 MILES WEST TO T IN ROAD
1/2 MILE NORTH - WEST INTO

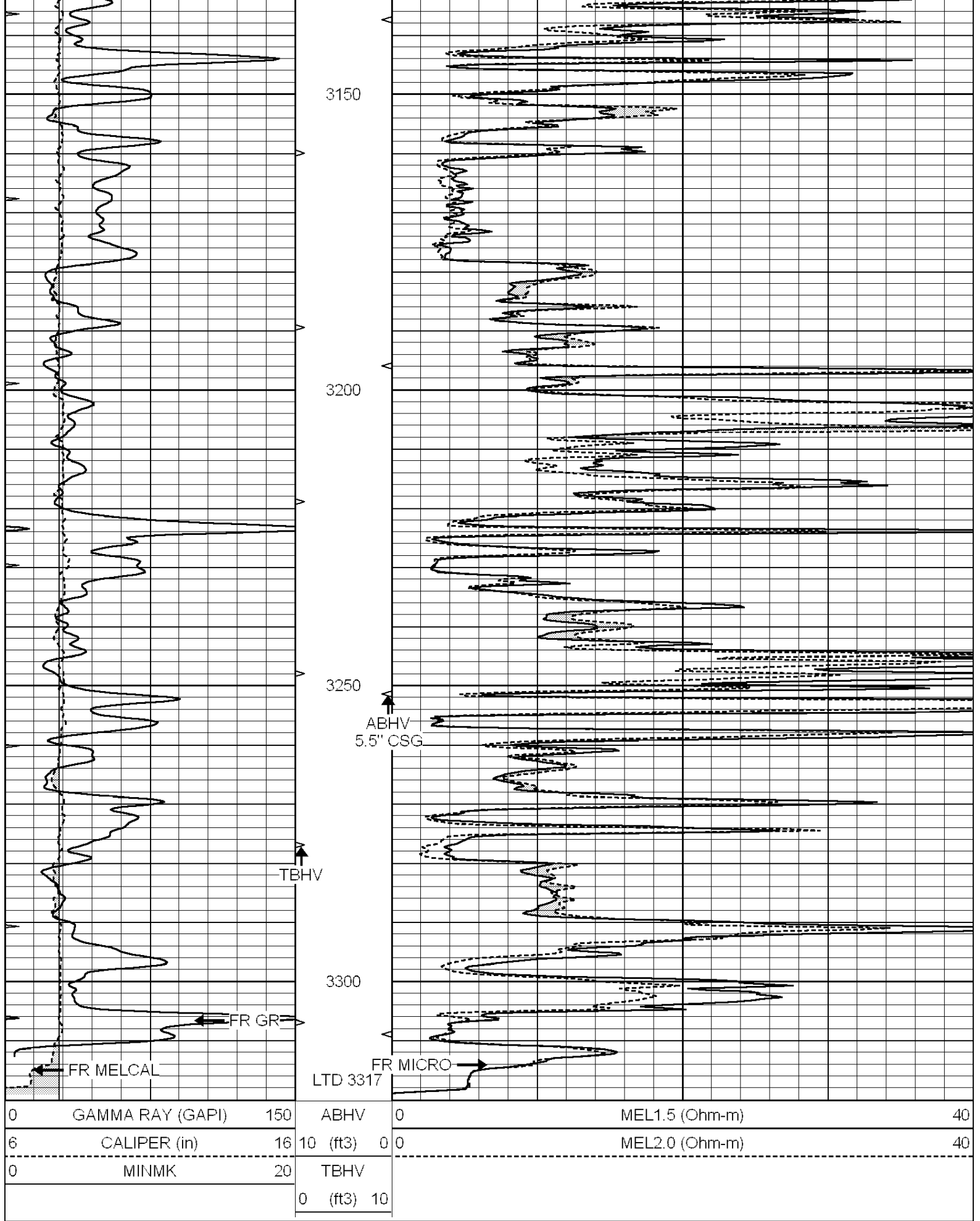
Database File: 010048ddn.db
Dataset Pathname: pass5
Presentation Format: micro
Dataset Creation: Sat Jan 19 18:07:27 2013 by Log SOC 120430
Charted by: Depth in Feet scaled 1:240

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	MEL2.0 (Ohm-m)	40
0	MINMK	20	TBHV			
			0 (ft3)	10		



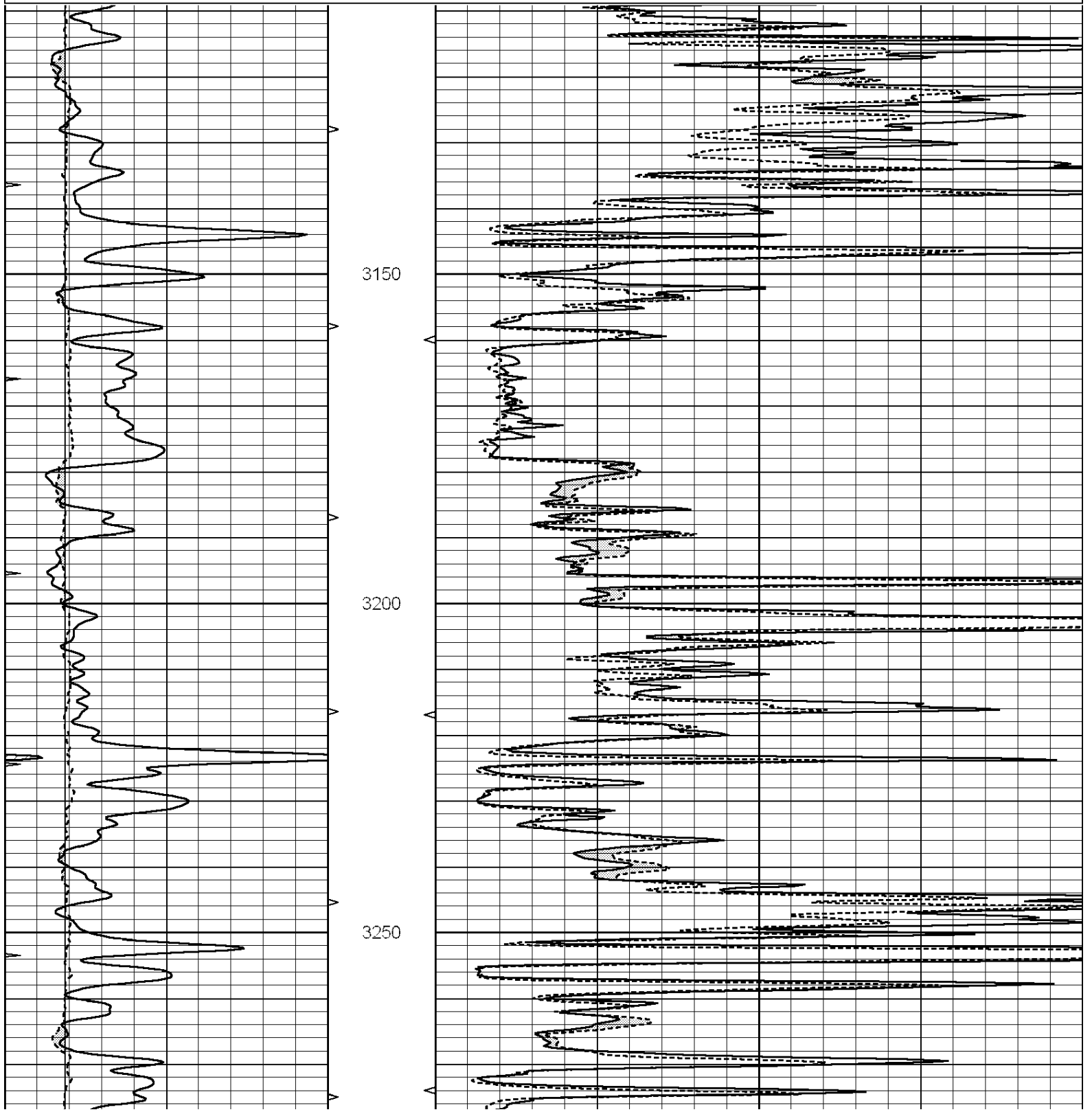


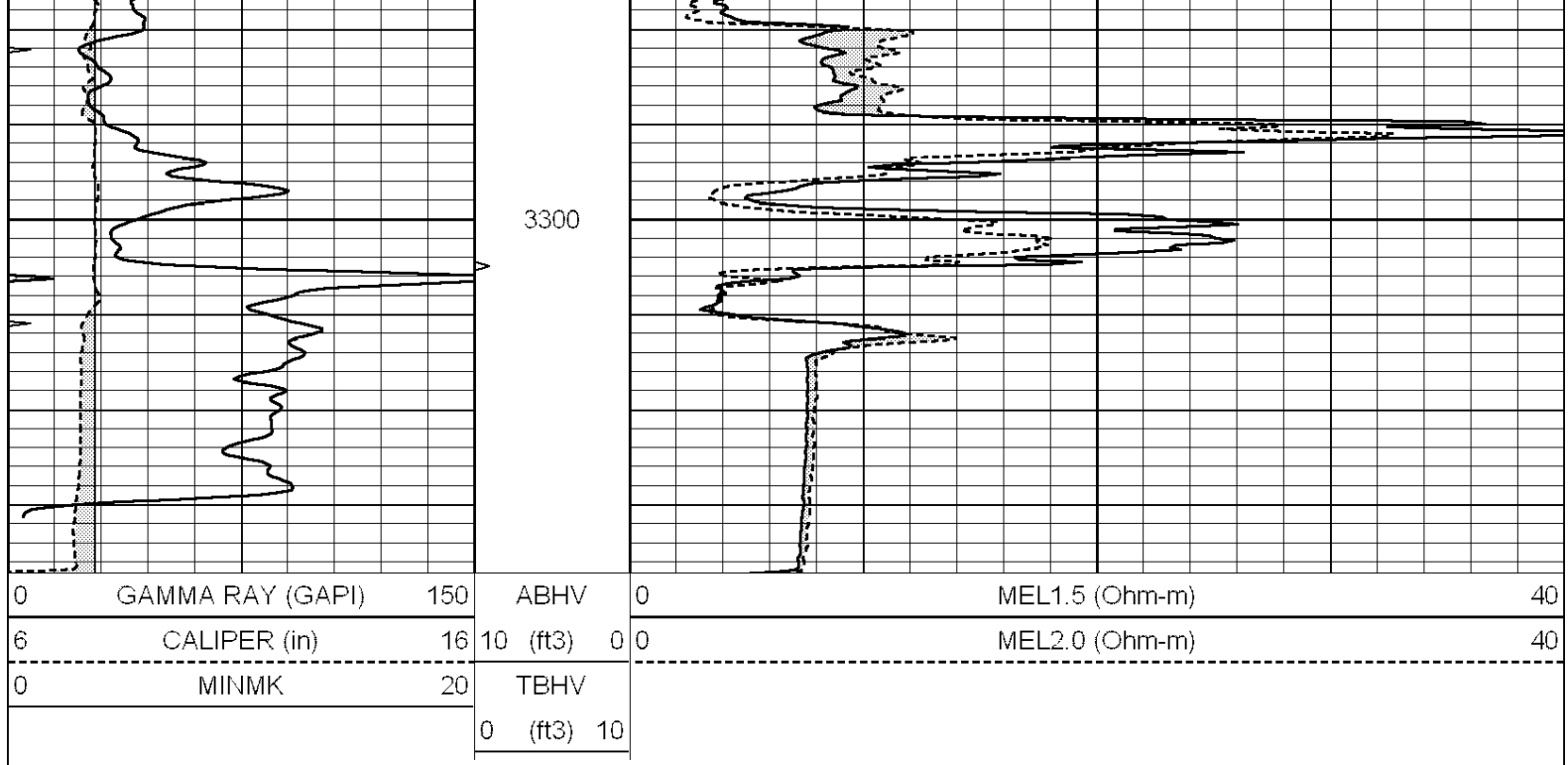




Database File: 010048ddn.db
 Dataset Pathname: pass4
 Presentation Format: micro
 Dataset Creation: Sat Jan 19 17:56:52 2013 by Log SOC 120430
 Charted by: Depth in Feet scaled 1:240

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:	010048ddn.db		
Dataset Pathname:	pass5		
Dataset Creation:	Sat Jan 19 18:07:27 2013 by Log SOC 120430		
MICRO Calibration Report			
Serial Number:	MICRO5		
Tool Model:	PROBE		
Performed:	Thu Jan 17 07:44:54 2013		
Caliper Calibration:	Gain=3.640	Offset=-5.601	
	Low Cal	High Cal	
References	8.000	15.000	
Readings	3.737	5.660	
1.5" Calibration:	Gain=35.000	Offset=-0.500	
	Low Cal	High Cal	
References	0.000	20.000	
Readings	0.014	0.998	
2" Calibration:	Gain=50.000	Offset=-0.500	
	Low Cal	High Cal	
References	0.000	20.000	
Readings	0.009	0.904	
Gamma Ray Calibration Report			
Serial Number:	GR4		
Tool Model:	OPEN		
Performed:	Thu Jan 17 06:43:30 2013		
Calibrator Value:	200.0	GAPI	
Background Reading:	0.0	cps	
Calibrator Reading:	189.0	cps	
Sensitivity:	1.5000	GAPI/cps	