



NABORS

**COMPLETION
& PRODUCTION
SERVICES CO.**

MICRO LOG

Company DREILING OIL CO., INC.		Company DREILING OIL CO., INC.	
Well KOHL D #1	Well KOHL D #1		
Field KOHL	Field KOHL		
County TREGO	County TREGO		State KANSAS
State KANSAS	Location: API #: 15-195-22928-00-00		Other Services CNL/CDL DIL
Permanent Datum Log Measured From Drilling Measured From		SEC 2 TWP 12S RGE 21W	Elevation
GROUND LEVEL Elevation 2313			K.B. 2321 D.F. 2319 G.L. 2313
Date 5/18/14	Run Number TWO		
Depth Driller 4065			
Depth Logger 4070			
Bottom Logged Interval 4068			
Top Log Interval 3200			
Casing Driller 8 5/8" @ 221			
Casing Logger 220			
Bit Size 7 7/8"			
Type Fluid in Hole CHEMICAL MUD	CHLORIDES 5,000 PPM		
Density / Viscosity 9.0/52			
pH / Fluid Loss 10.5/7.6			
Source of Sample FLOWLINE			
Rm @ Meas. Temp 0.40 @ 70F			
Rmt @ Meas. Temp 0.30 @ 70F			
Rmc @ Meas. Temp 0.48 @ 70F			
Source of Rmt / Rmc MEASUREMENT			
Rm @ BHT 0.24 @ 117F			
Time Circulation Stopped 2 HOURS			
Time Logger on Bottom			
Maximum Recorded Temperature 117F			
Equipment Number 4010			
Location HAYS, KANSAS			
Recorded By IAN MABB			
Witnessed By ROGER FISHER			

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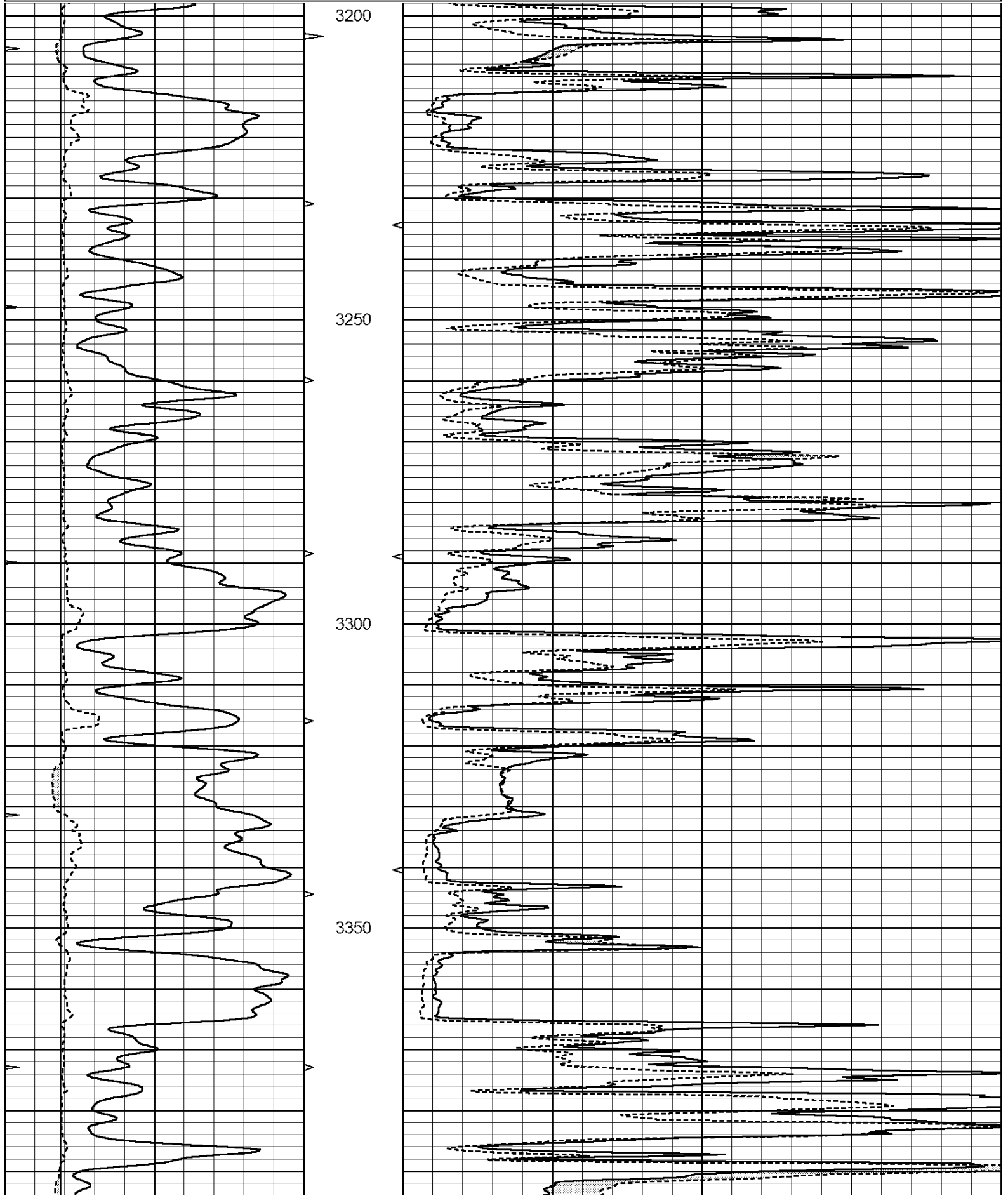
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

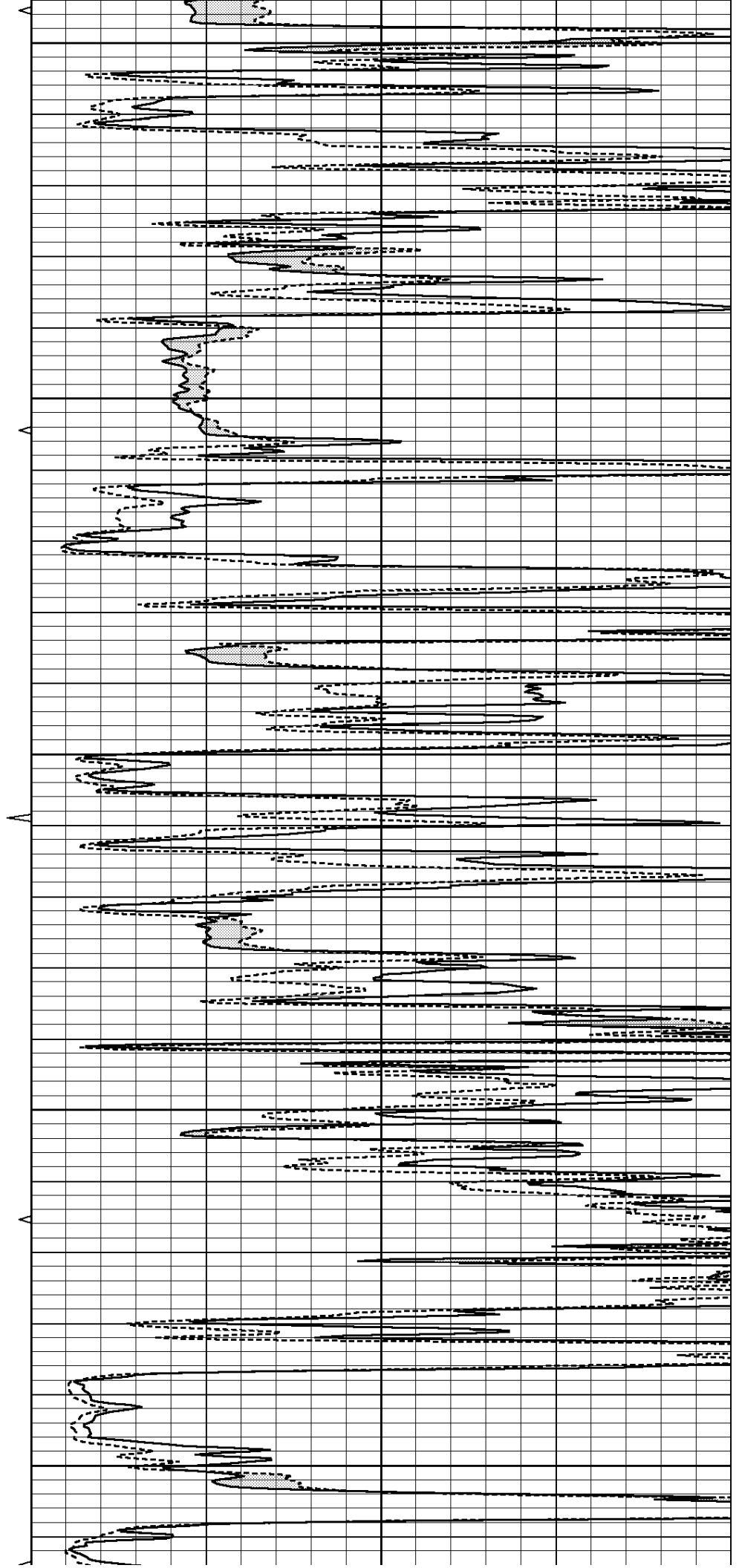
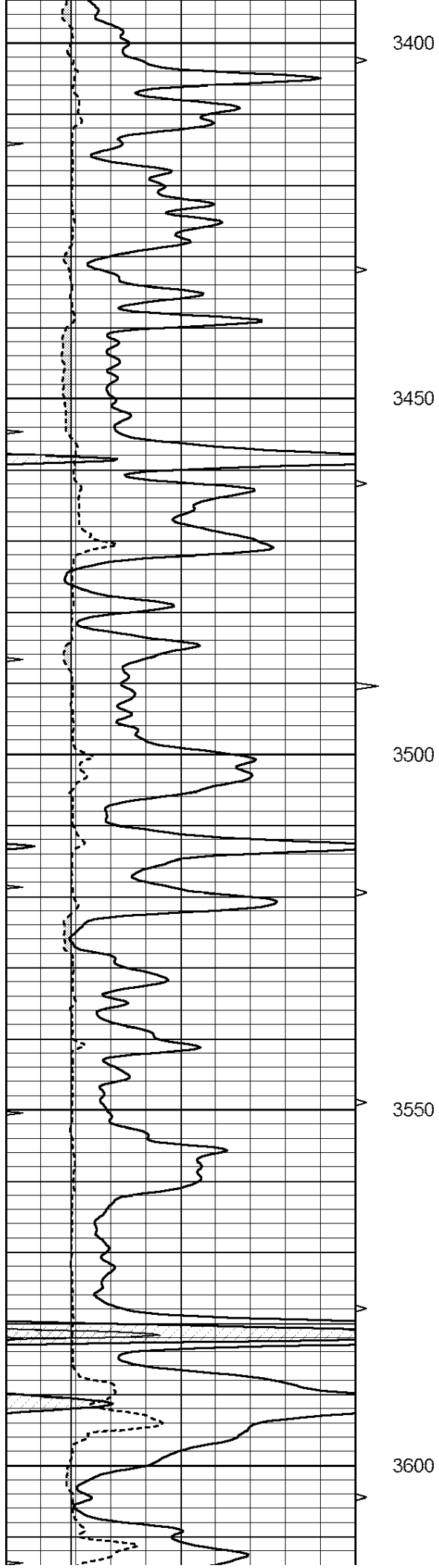
Comments

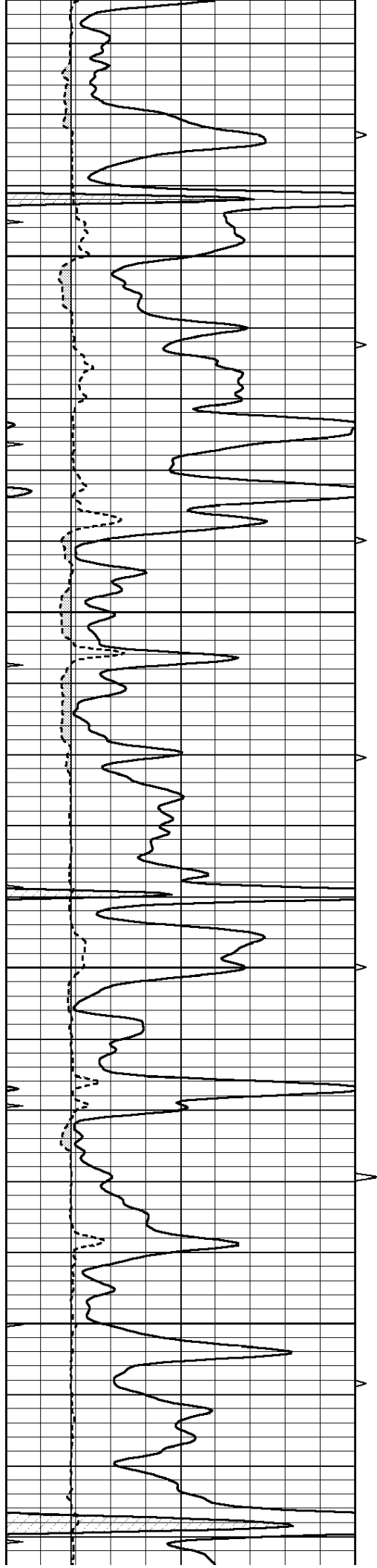
THANK YOU FOR USING NABORS, HAYS, KS. (785) 628-6395
DIRECTIONS:
I-70 & RIGA RD. - 4 MILES NORTH - 1 1/2 MILES EAST - NORTH INTO

Database File: 24246ddn.db
Dataset Pathname: pass6.1
Presentation Format: _micro
Dataset Creation: Sun May 18 18:43:10 2014 by Calc Open-Cased 090629
Charted by: Depth in Feet scaled 1:240

Charted by: _____			Depth in Feet scaled 1:2.10			
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		





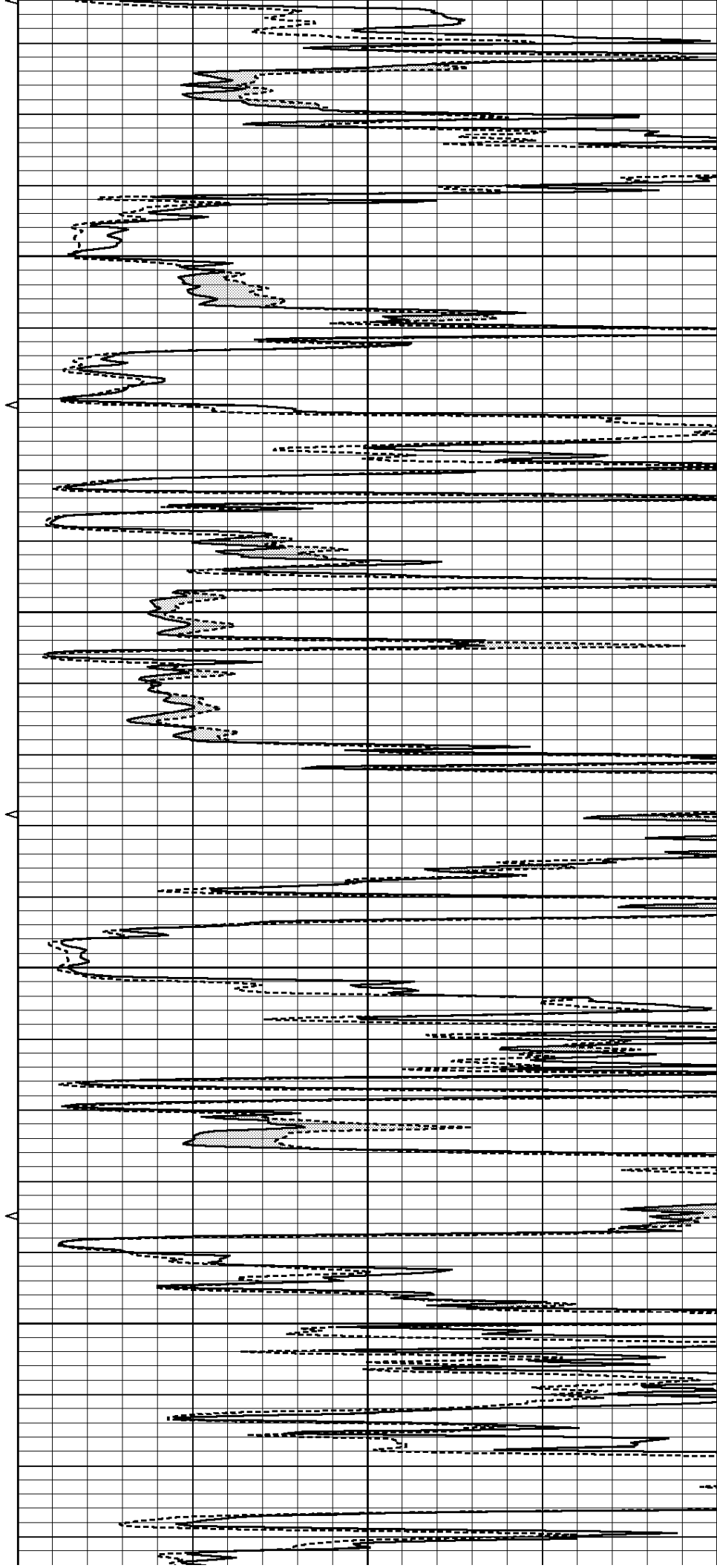


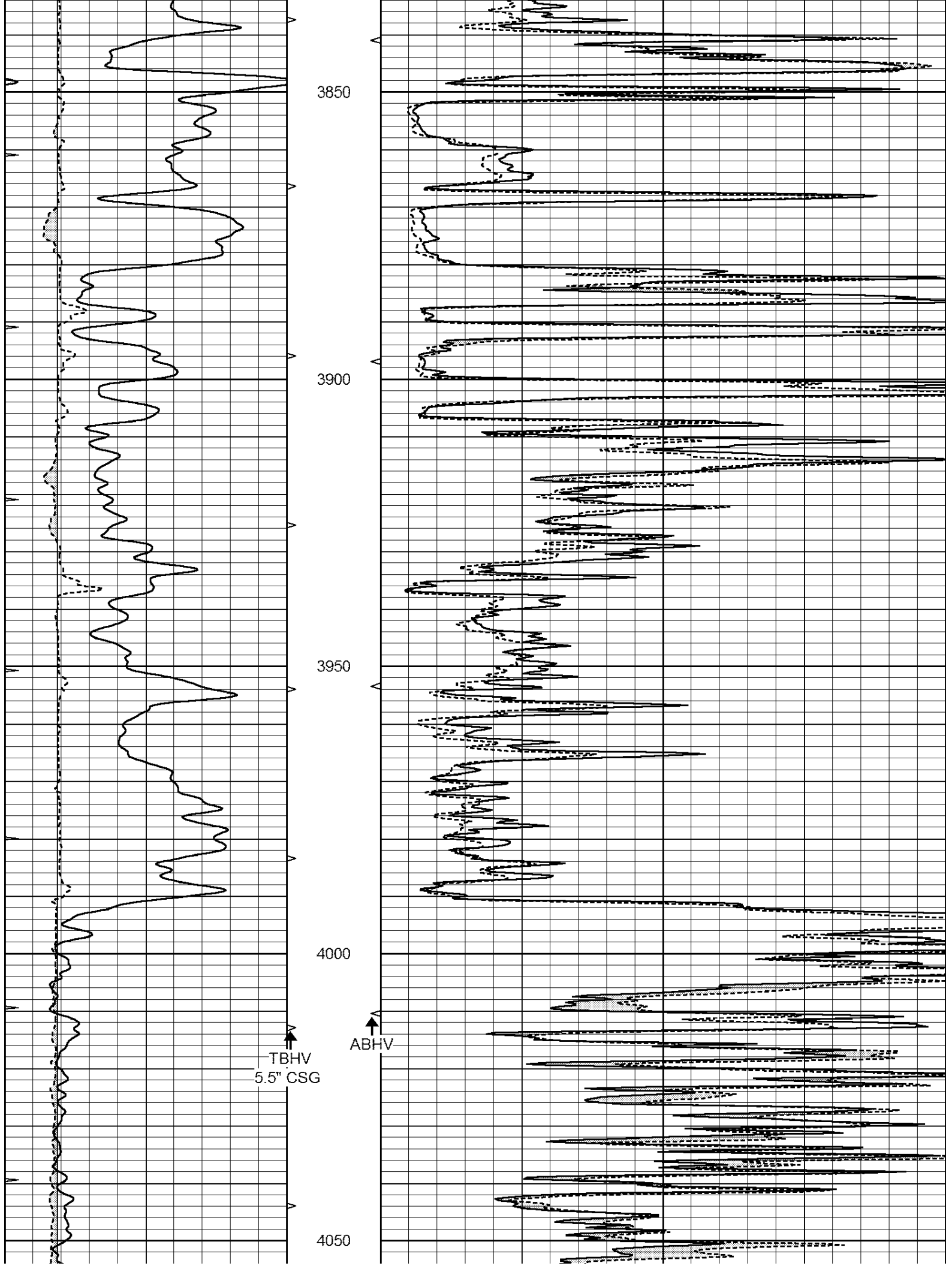
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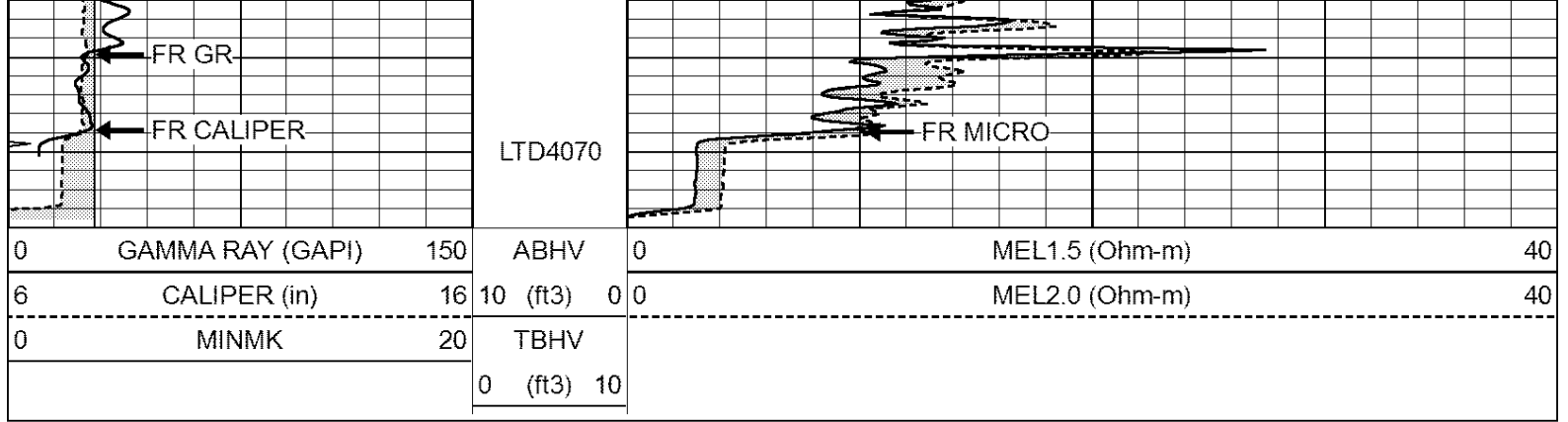
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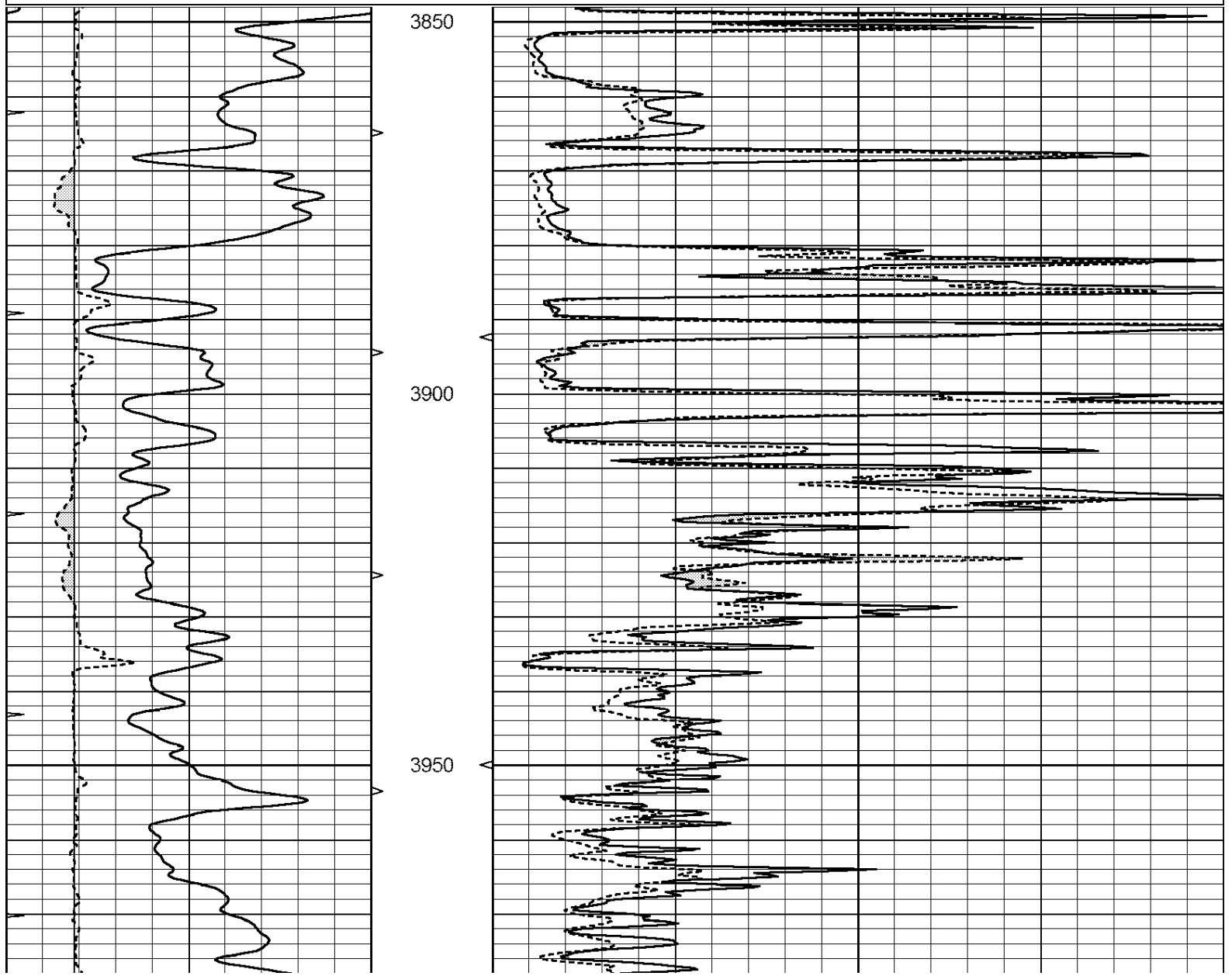
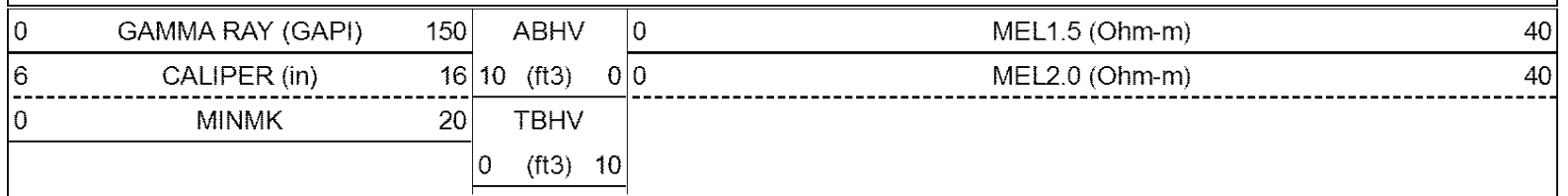
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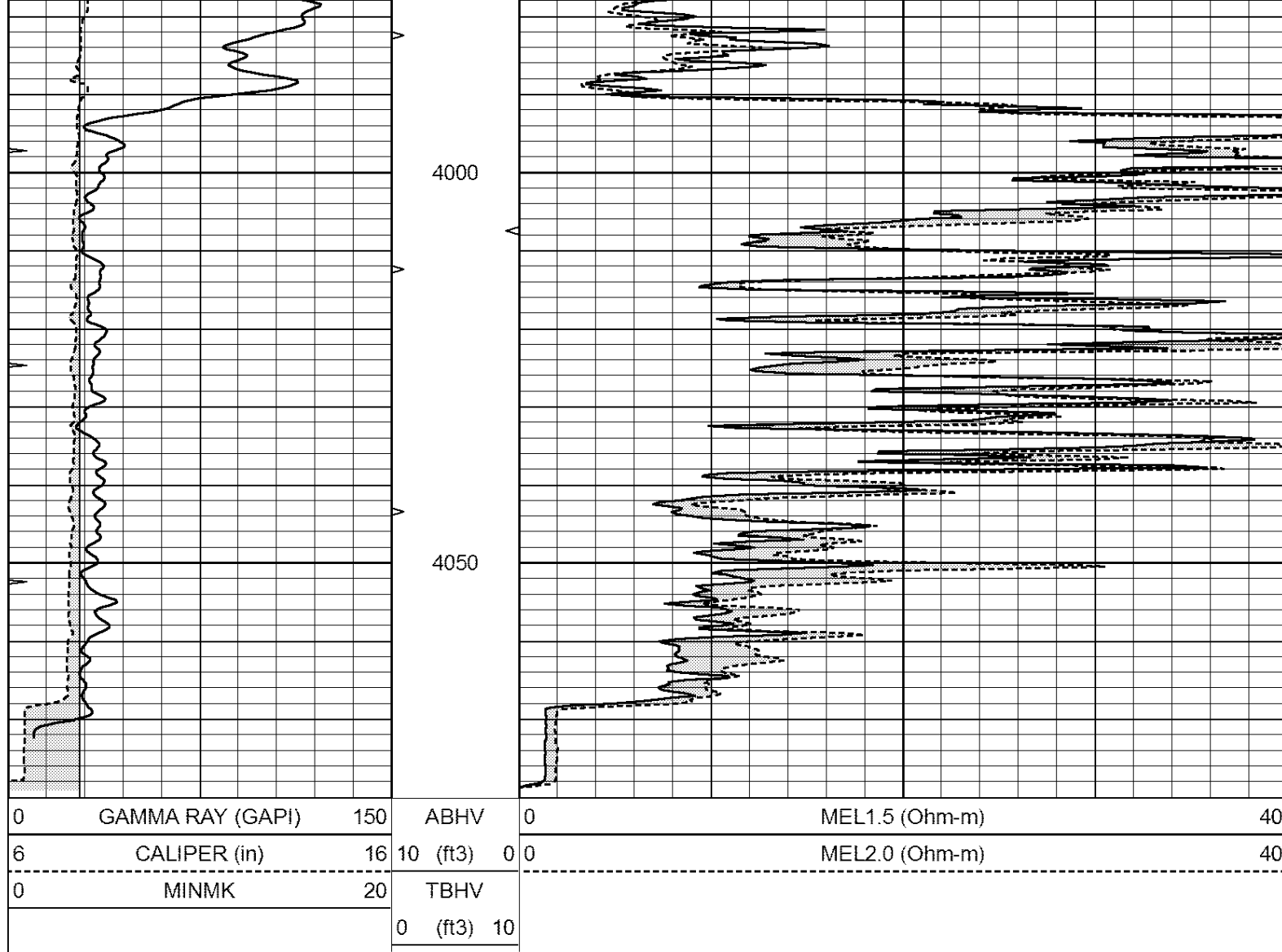






Database File: 24246ddn.db
 Dataset Pathname: pass5.2
 Presentation Format: _micro
 Dataset Creation: Sun May 18 18:16:11 2014 by Calc Open-Cased 090629
 Charted by: Depth in Feet scaled 1:240





Calibration Report

Database File: 24246ddn.db
 Dataset Pathname: pass6.1
 Dataset Creation: Sun May 18 18:43:10 2014 by Calc Open-Cased 090629

MICRO Calibration Report

Serial Number: MICRO6
 Tool Model: PROBE
 Performed: Fri Mar 14 21:54:54 2014

Caliper Calibration: Gain=5.542 Offset=-0.620

	Low Cal	High Cal
References	8.000	14.000
Readings	1.431	2.513

1.5" Calibration: Gain=33.000 Offset=0.000

	Low Cal	High Cal
References	0.000	20.000
Readings	0.004	1.196

2" Calibration: Gain=44.000 Offset=-0.600

	Low Cal	High Cal
References	0.000	20.000
Readings	0.006	0.913

Gamma Ray Calibration Report

Serial Number:	GR5	
Tool Model:	OPEN	
Performed:	Thu May 15 22:33:18 2014	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	0.7000	GAPI/cps