



**Casedhole
Solutions**

**MICRO
LOG**

Company TYLUKA OPERATING, LLC.		Company TYLUKA OPERATING, LLC.	
Well AXMAN FARMS #1-18		Well AXMAN FARMS #1-18	
Field		Field	
County BARTON		County BARTON	
State KANSAS		State KANSAS	
Location: 1953' FSL & 921' FWL		APL # : 15-009-26132-0000	
Permanent Datum GROUND LEVEL		Elevation 1884	
Log Measured From KELLY BUSHING 8' A.G.L.		Other Services CDL/CNL	
Drilling Measured From KELLY BUSHING		DIL/SON	
SEC 18 TWP 17S RGE 14W		Elevation	
Date 12/15/15		K.B. 1892	
Run Number TWO		D.F. 1890	
Depth Driller 3500		G.L. 1884	
Depth Logger 3498			
Bottom Logged Interval 3476			
Top Log Interval 2800			
Casing Driller 8 5/8" @ 897'			
Casing Logger 894			
Bit Size 7 7/8"			
Type Fluid in Hole CHEMICAL MUD		CHLORIDES 6900 PPM	
Density / Viscosity 9.1/43			
pH / Fluid Loss 10.5/8.8			
Source of Sample FLOWLINE			
Rm @ Meas. Temp .65 @ 60F			
Rmt @ Meas. Temp .48 @ 60F			
Rmc @ Meas. Temp .78 @ 60F			
Source of Rmt / Rmc MEASUREMENT			
Rm @ BHT .34 @ 112F			
Time Circulation Stopped 2 HOURS			
Time Logger on Bottom			
Maximum Recorded Temperature 112F			
Equipment Number 4010			
Location HAYS, KANSAS			
Recorded By JASON CAPELLUCCI			
Witnessed By JEREMY SCHWARTZ			

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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 CASEDHOLE SOLUTIONS, HAYS, KS. (785) 628-6395
DIRECTIONS:
AT INTERSECTION OF HWY 4 & HWY 281 - 3 NORTH TO 150 RD.
4 WEST TO 80 RD. - SOUTH INTO

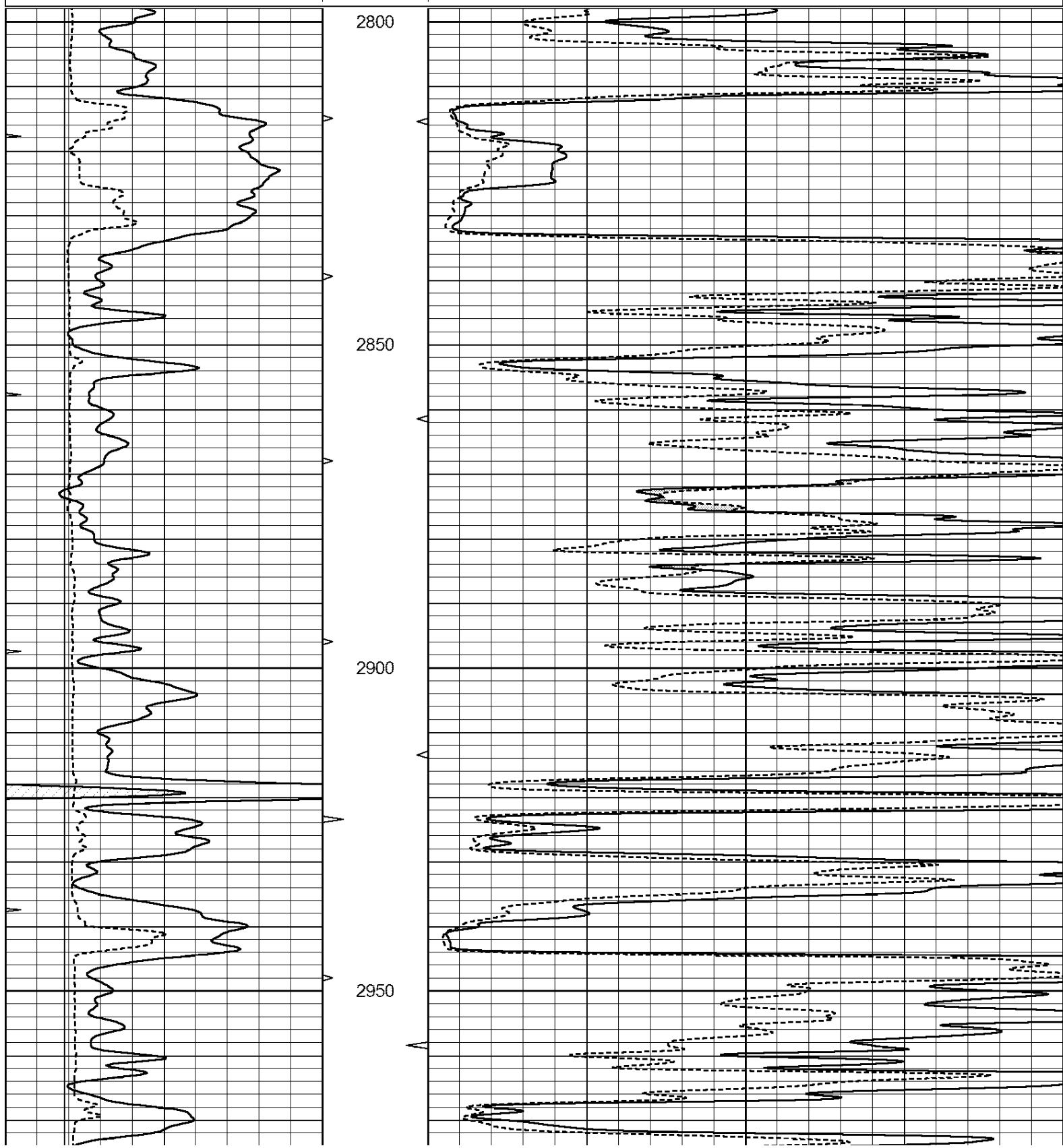


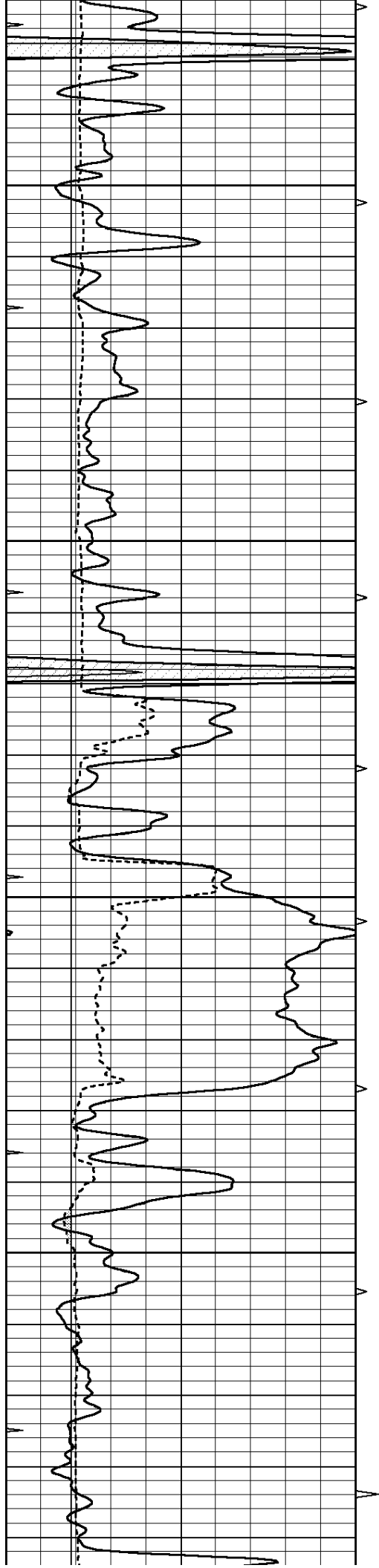
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MAIN SECTION

Database File: 30888ddn.db
 Dataset Pathname: pass6.1
 Presentation Format: _micro
 Dataset Creation: Tue Dec 15 15:42:51 2015 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	MEL2.0 (Ohm-m)	40
0	MINMK	20	TBHV			
			0 (ft3)	10		



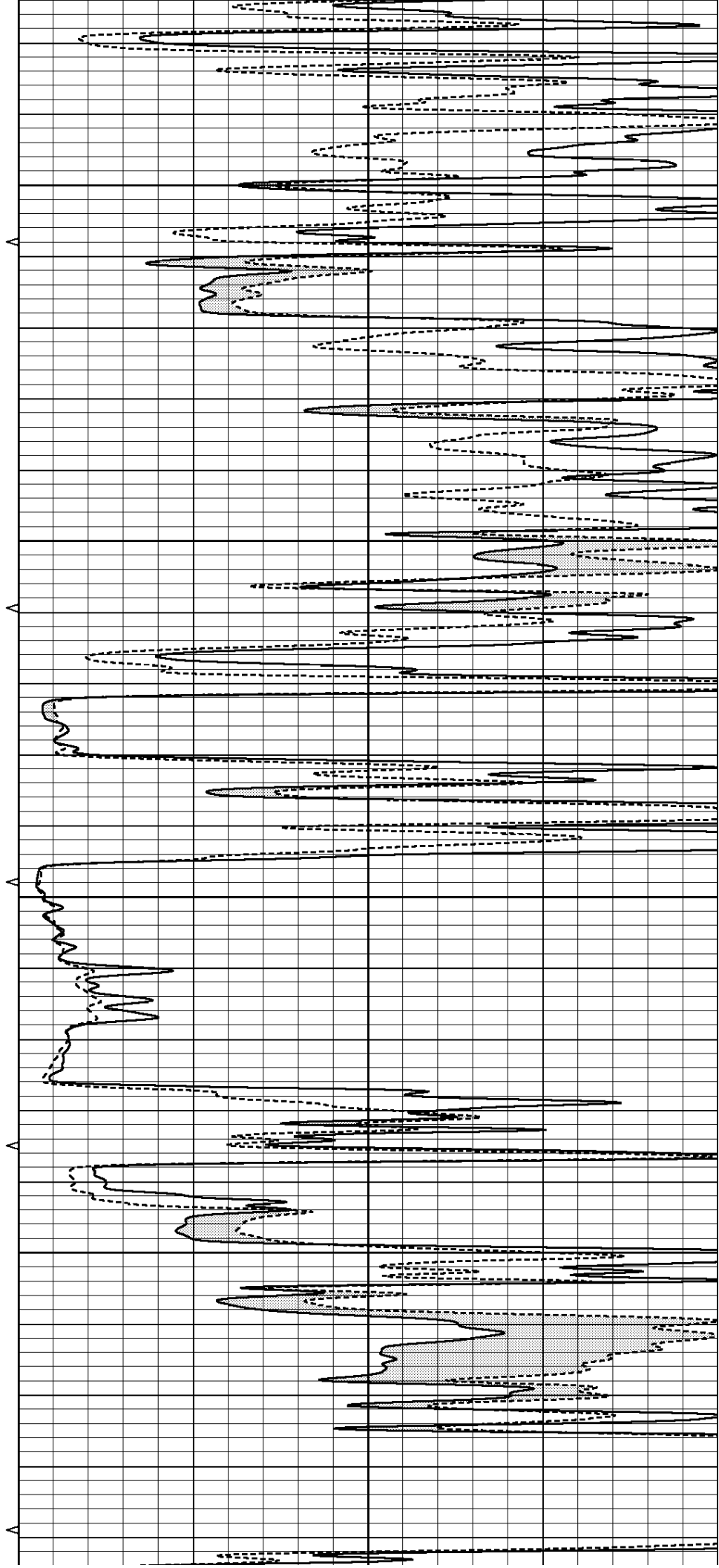


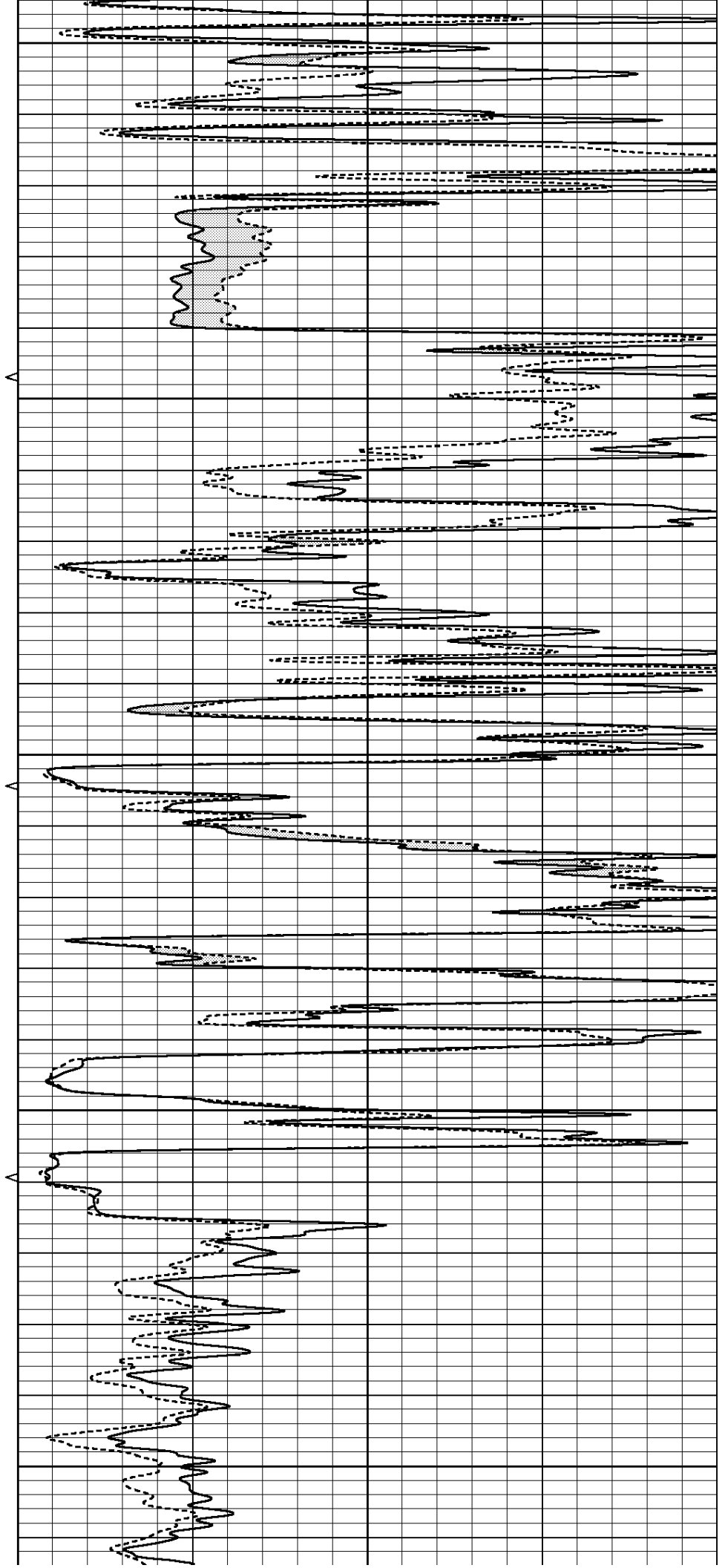
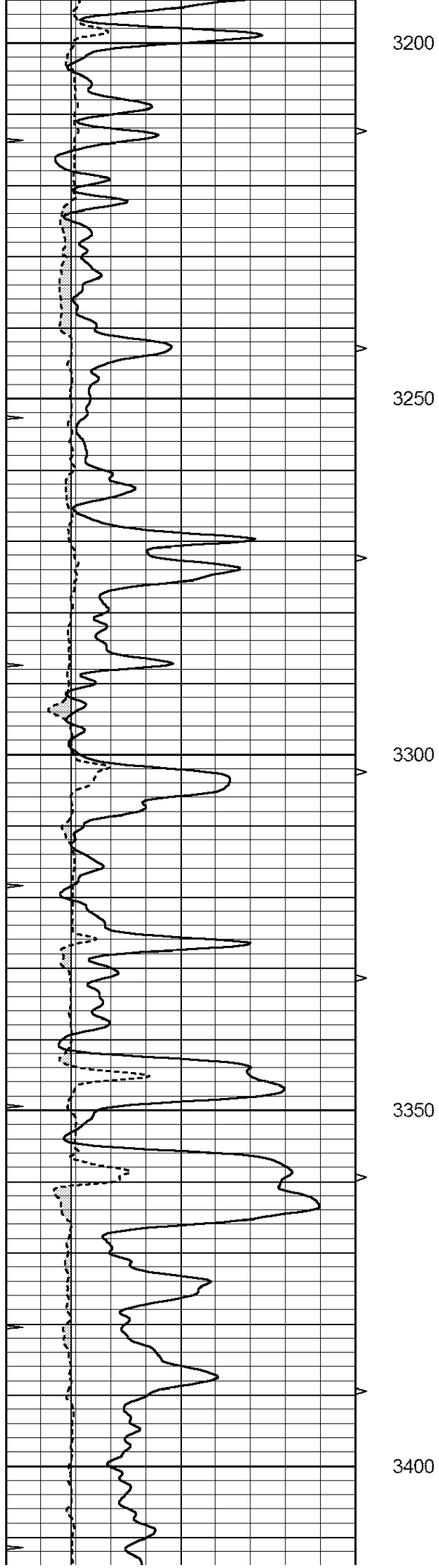
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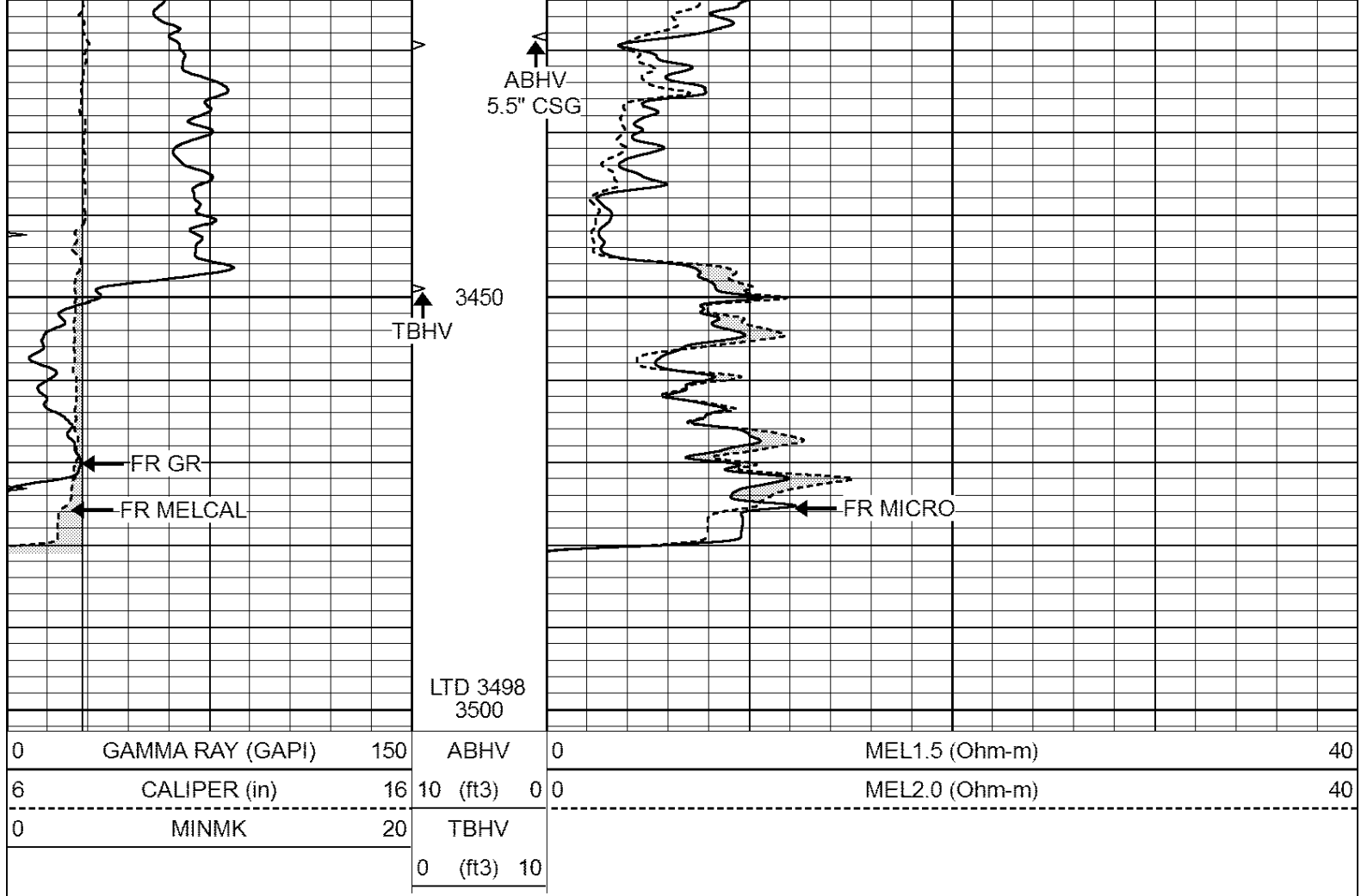
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3150





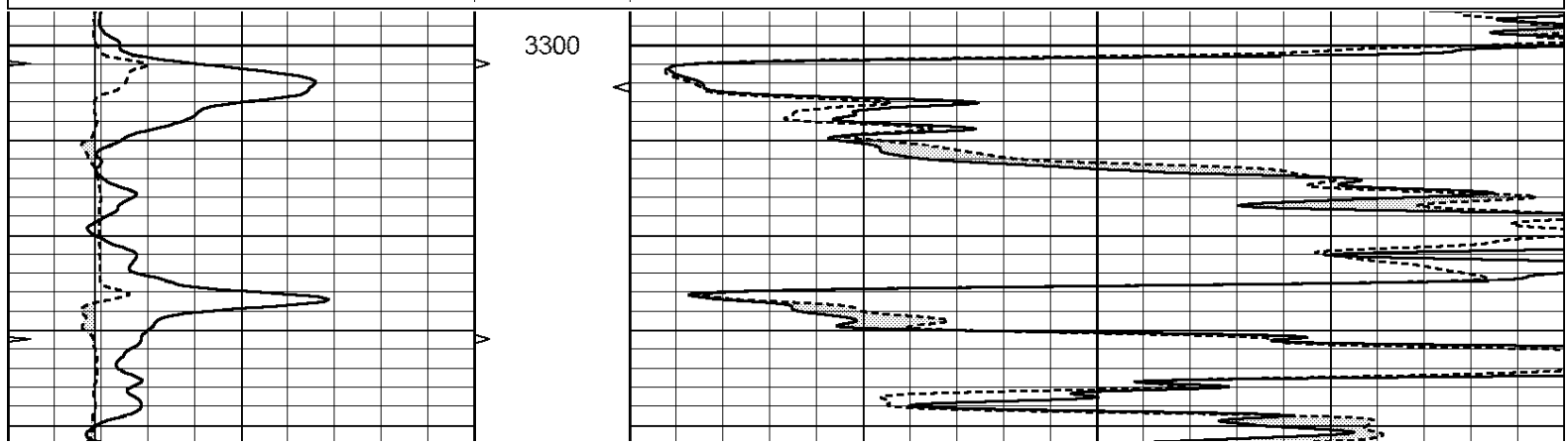


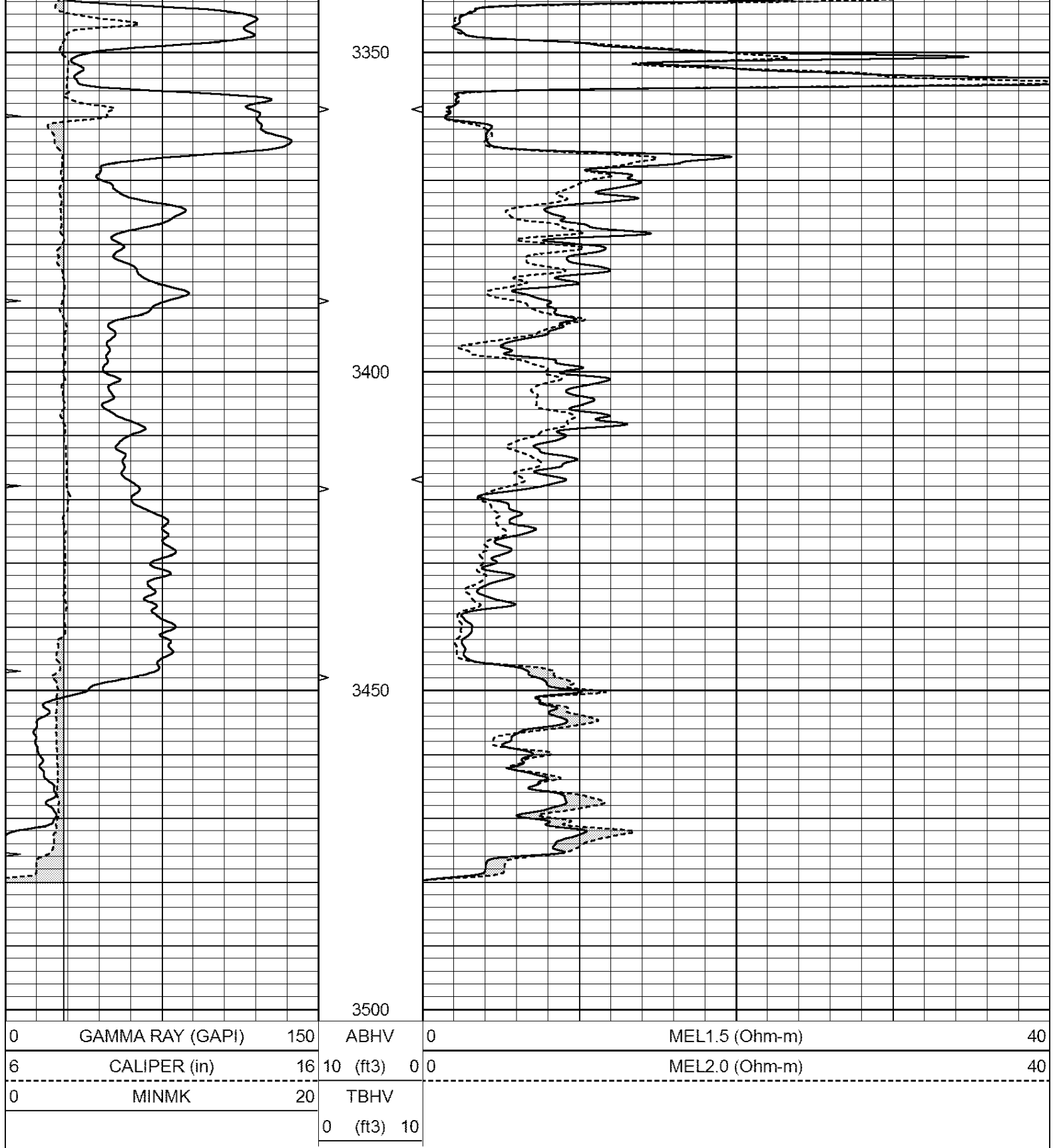
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REPEAT SECTION

Database File: 30888ddn.db
 Dataset Pathname: pass5.1
 Presentation Format: _micro
 Dataset Creation: Tue Dec 15 15:44:50 2015 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	MEL2.0 (Ohm-m)	40
0	MINMK	20	TBHV			
			0 (ft3)	10		





Calibration Report

Database File: 30888ddn.db
Dataset Pathname: pass5.1
Dataset Creation: Tue Dec 15 15:44:50 2015 by Calc Open-Cased 090629

MICRO Calibration Report

Serial Number: MICRO6
Tool Model: PROBE
Performed: Wed Aug 26 00:34:46 2015

Caliper Calibration:	Gain=3.960	Offset=4.601
References	Low Cal 7.000	High Cal 14.000
Readings	0.555	2.323
1.5" Calibration:	Gain=38.075	Offset=-0.400
References	Low Cal 0.000	High Cal 20.000
Readings	0.004	1.196
2" Calibration:	Gain=48.000	Offset=-1.000
References	Low Cal 0.000	High Cal 20.000
Readings	0.006	0.913
Gamma Ray Calibration Report		
Serial Number:	GR6	
Tool Model:	OPEN	
Performed:	Thu Nov 12 05:47:01 2015	
Calibrator Value:	150.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	276.0	cps
Sensitivity:	0.4500	GAPI/cps