



**Casedhole
Solutions**

**MICRO
LOG**

Company	SHELBY RESOURCES, LLC.		
Well	L-S UNIT #1-15		
Field			
County	BARTON	State	KANSAS
Company	SHELBY RESOURCES, LLC.	Well	L-S UNIT #1-15
Field		County	BARTON
County	BARTON	State	KANSAS
Location:	AP1 # : 15-009-26134-0000 1740' FNL & 2600' FEL		Other Services CDL/CNL DIL/SON
Permanent Datum	GROUND LEVEL	Elevation	1923
Log Measured From	KELLY BUSHING 11' A.G.L.	Elevation	K.B. 1934 D.F. 1932 G.L. 1923
Drilling Measured From	KELLY BUSHING		
SEC 15	TWP 18S	RGE 14W	
Date	12/6/15		
Run Number	TWO		
Depth Driller	3560		
Depth Logger	3559		
Bottom Logged Interval	3537		
Top Log Interval	2800		
Casing Driller	8 5/8" @ 896'		
Casing Logger	894'		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 6500 PPM	
Density / Viscosity	9.0/72		
pH / Fluid Loss	9.5/10.0		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	.75 @ 50F		
Rmt @ Meas. Temp	.56 @ 50F		
Rmc @ Meas. Temp	.90 @ 50F		
Source of Rmf / Rmc	MEASUREMENT		
Rm @ BHT	.30 @ 112F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom			
Maximum Recorded Temperature	112F		
Equipment Number	4010		
Location	HAYS, KANSAS		
Recorded By	JASON CAPPELLUCCI		
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 SOUTH TO 90 RD. - 1/2 WEST
SOUTH INTO

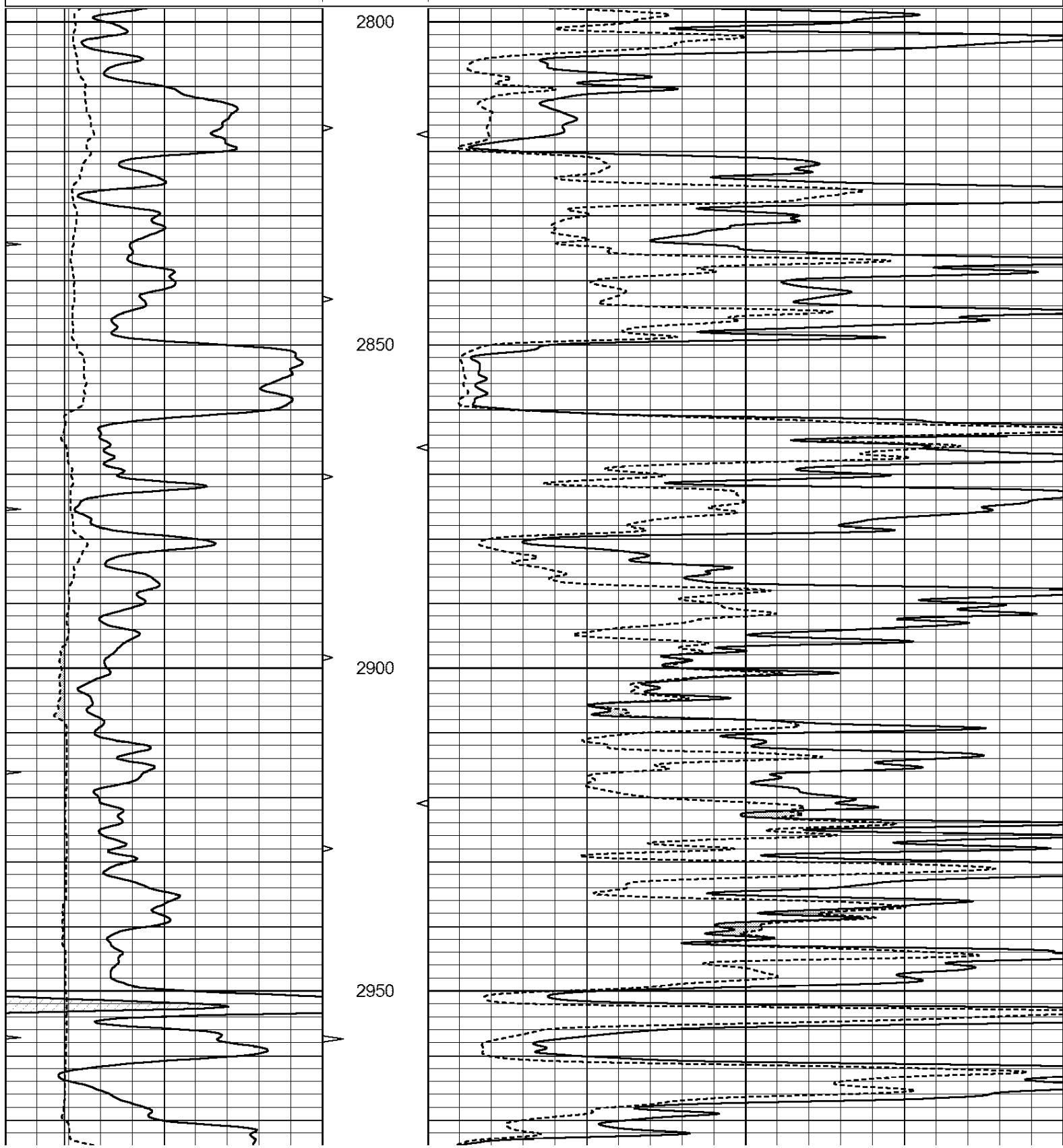


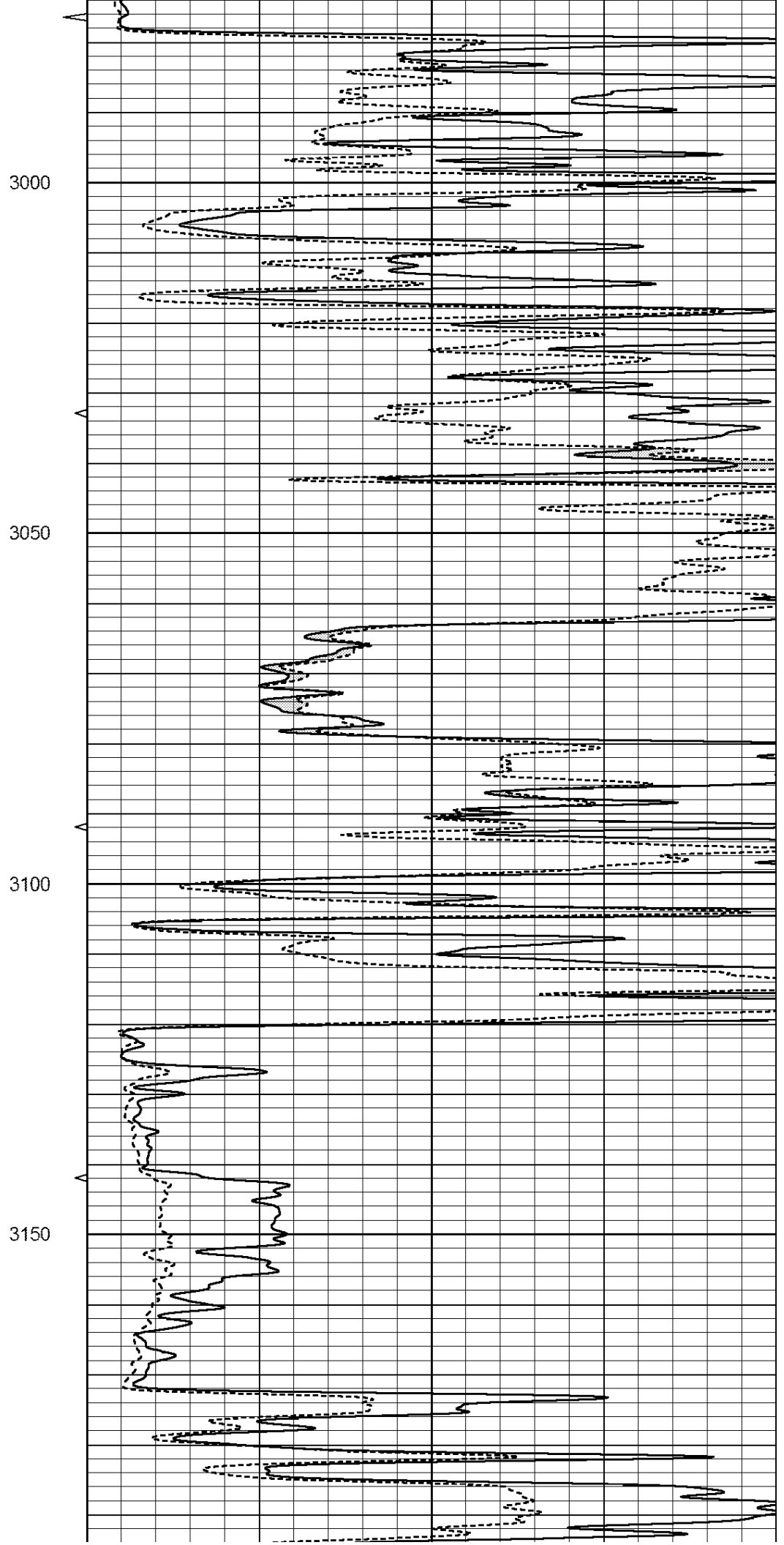
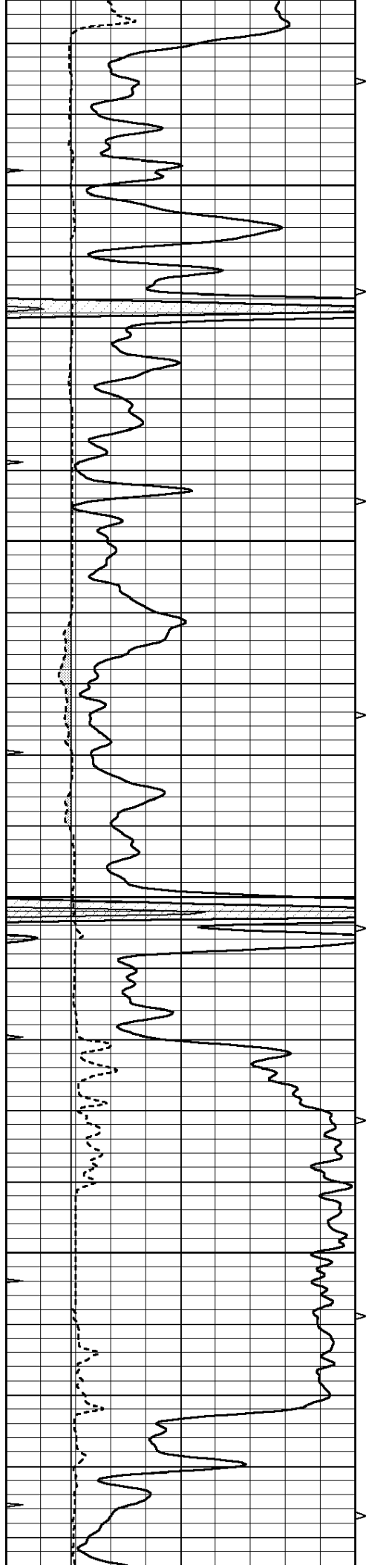
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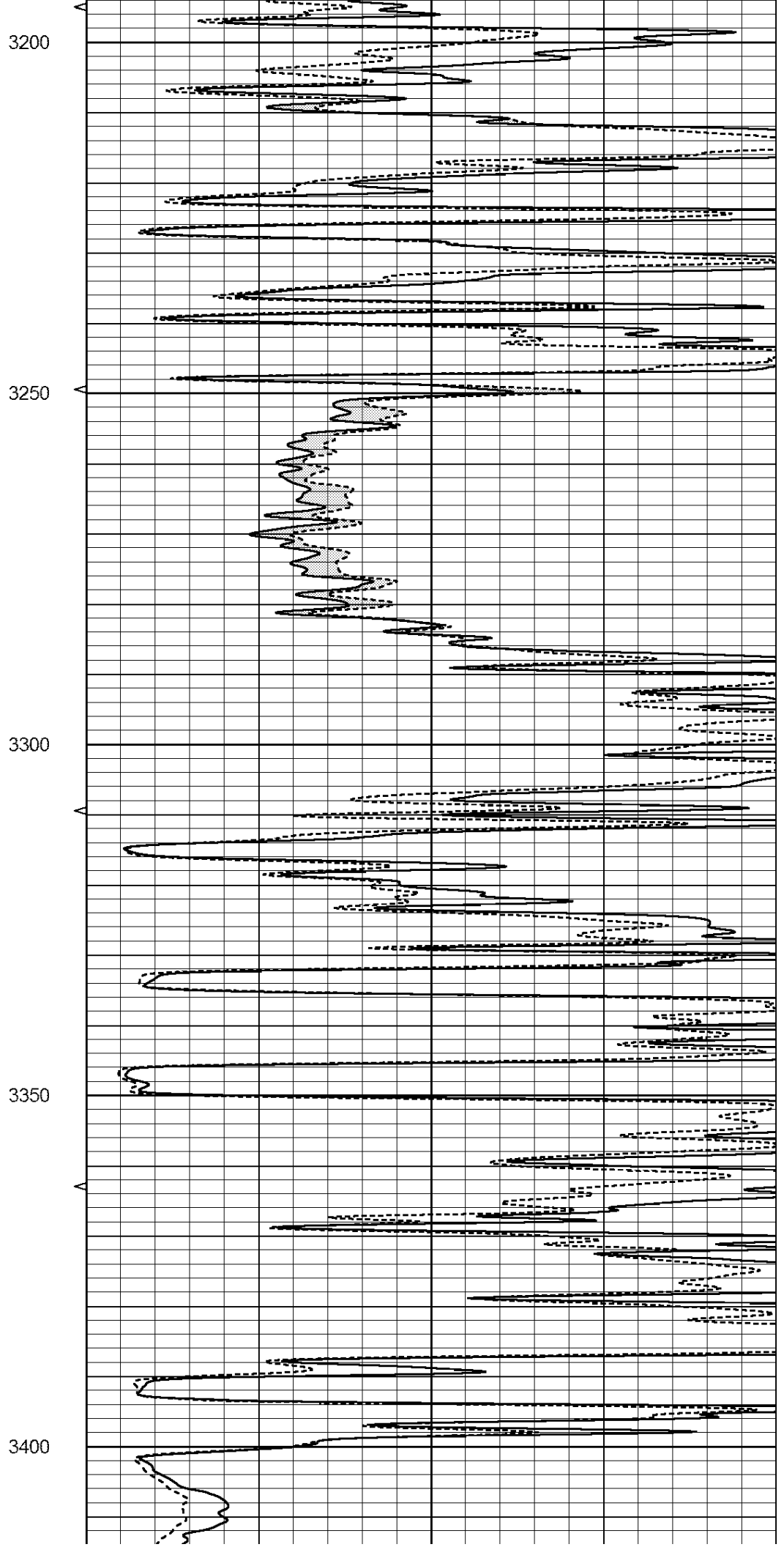
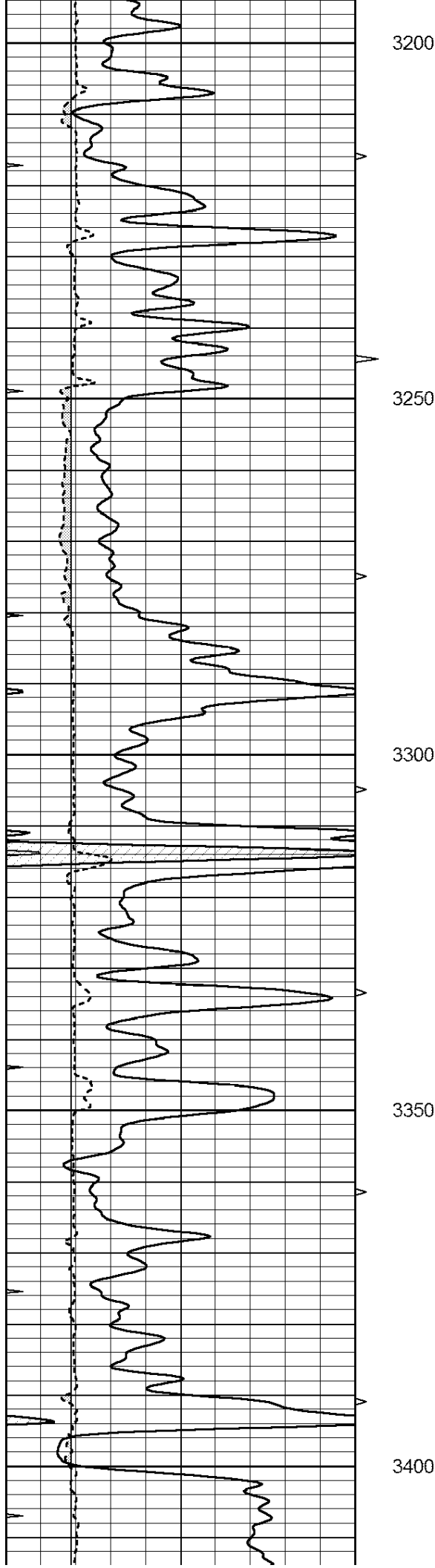
MAIN SECTION

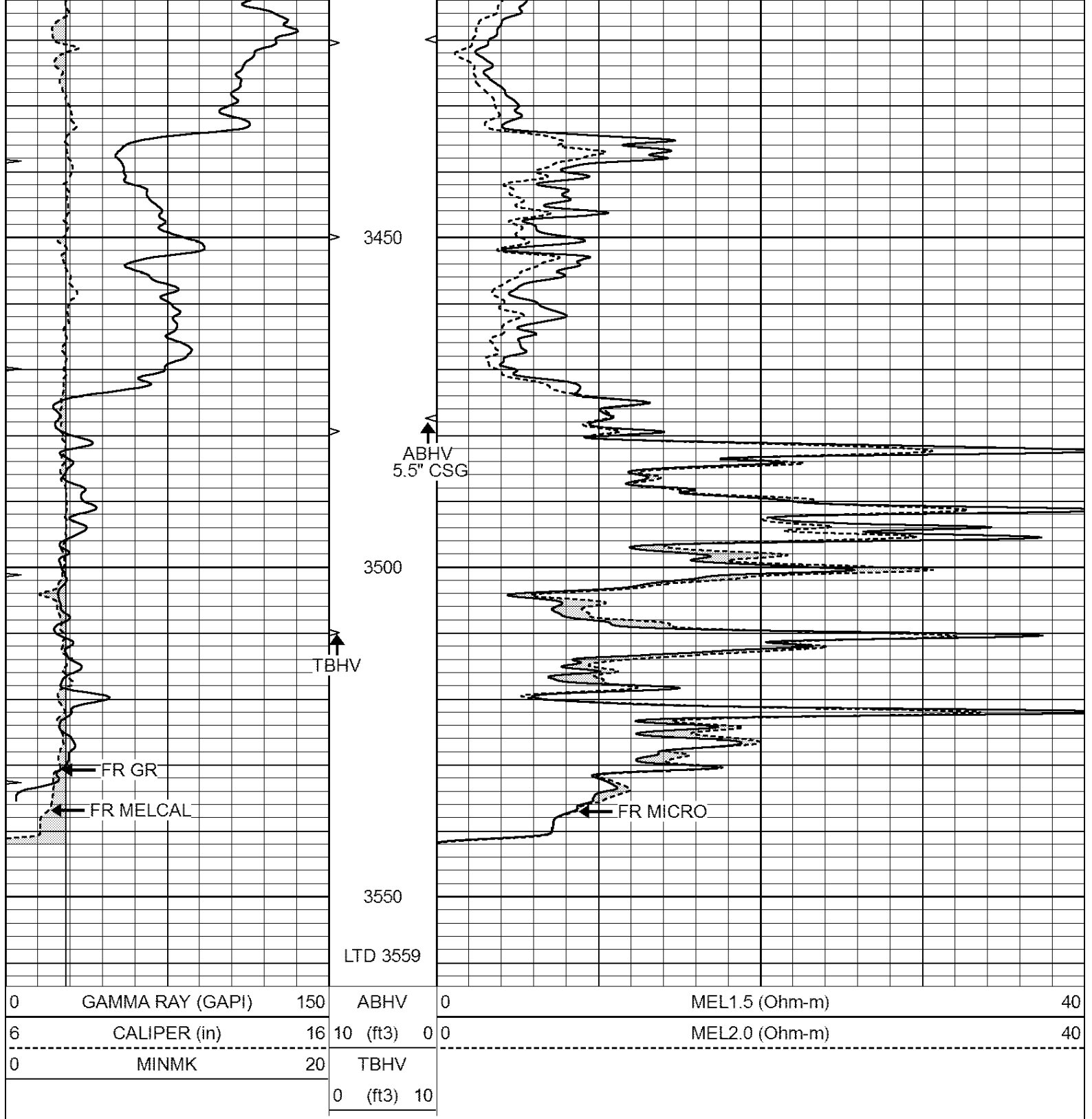
Database File: 30886ddn.db
 Dataset Pathname: pass6.1
 Presentation Format: _micro
 Dataset Creation: Sun Dec 06 16:40:20 2015 by Calc Open-Cased 090629
 Charted by: Depth in Feet scaled 1:240

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		







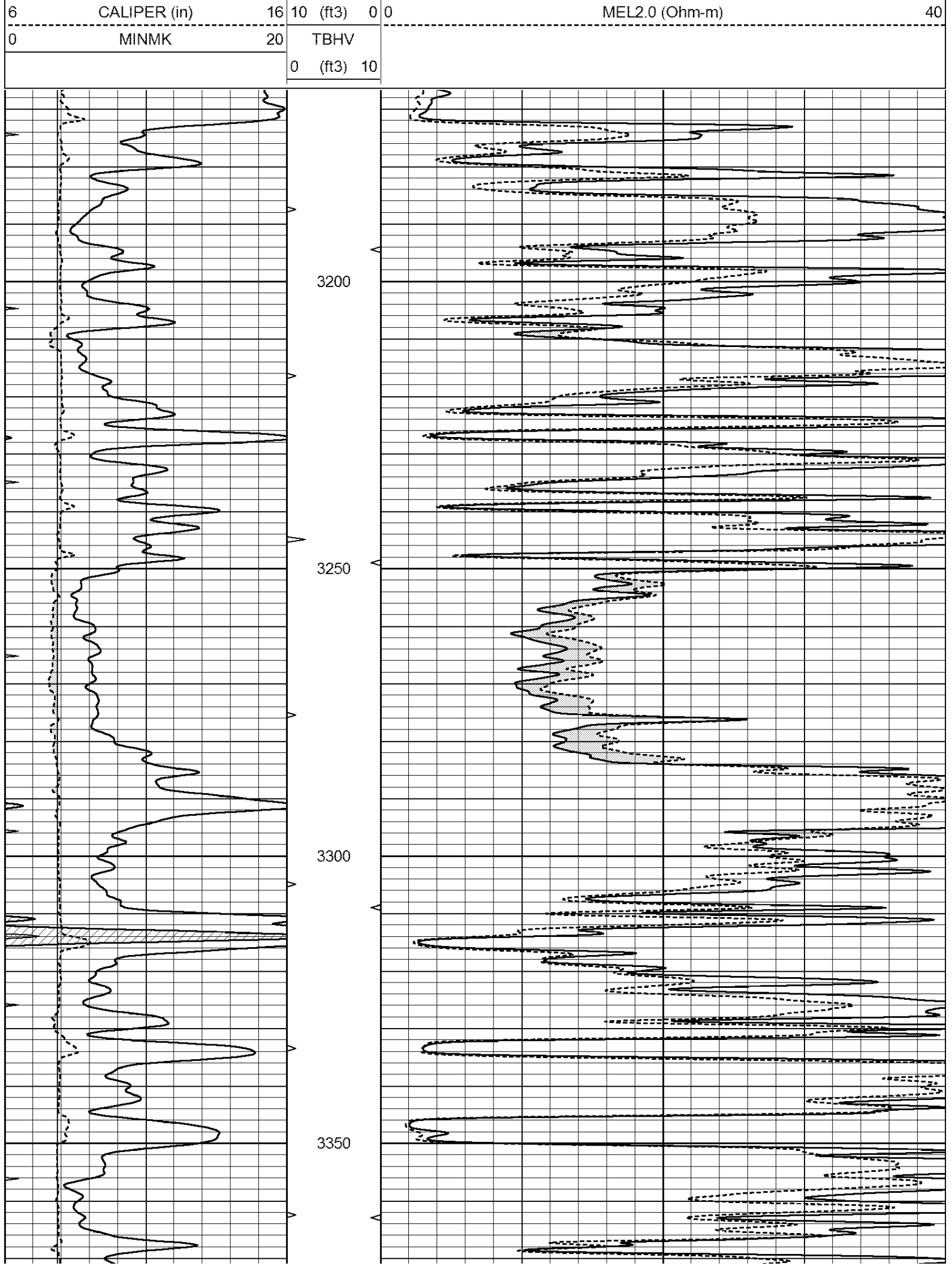


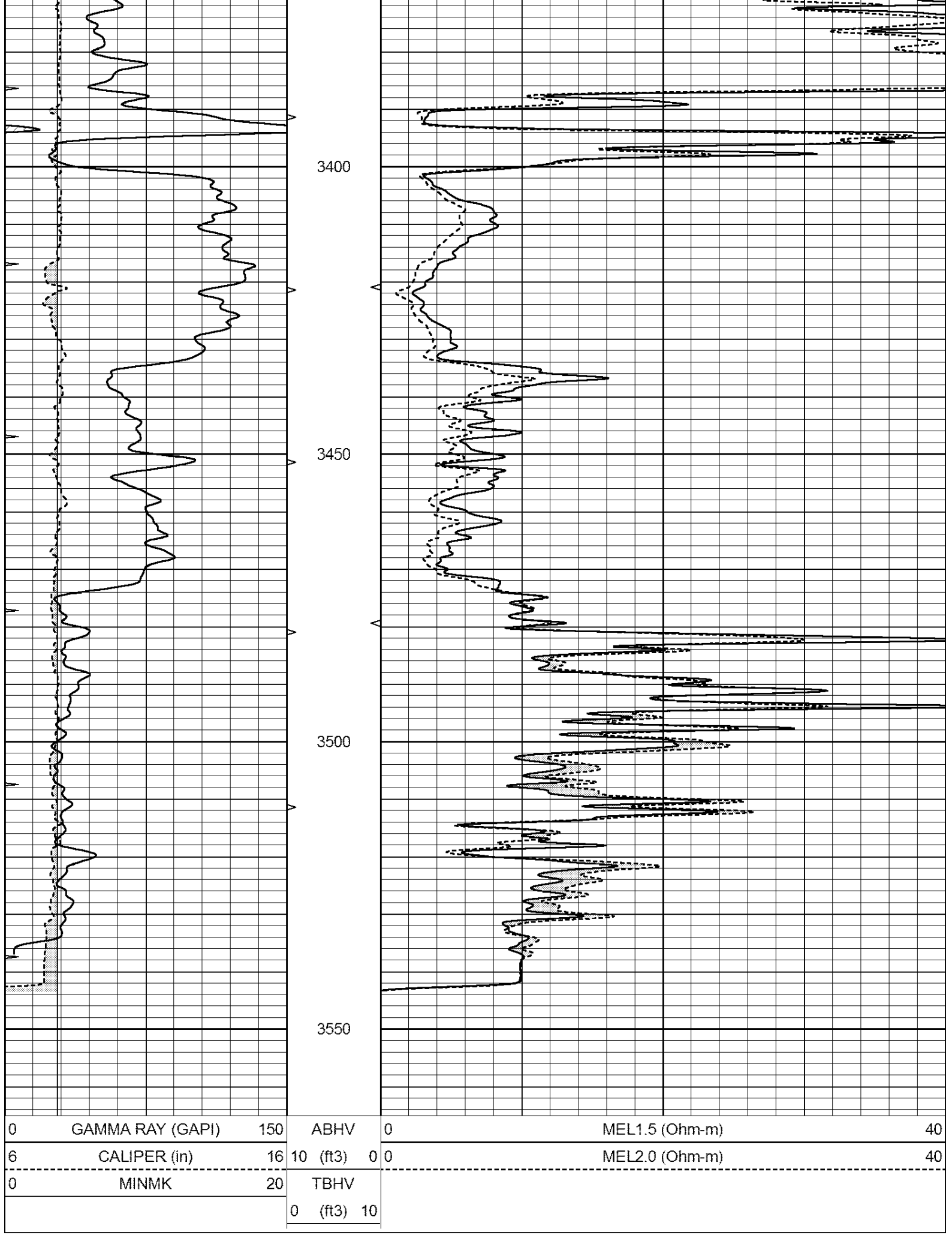
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REPEAT SECTION

Database File: 30886ddn.db
 Dataset Pathname: pass5.1
 Presentation Format: _micro
 Dataset Creation: Sun Dec 06 16:34:11 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: 30886ddn.db
 Dataset Pathname: pass5.1
 Dataset Creation: Sun Dec 06 16:34:11 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

	Low Cal	High Cal
References	7.000	14.000
Readings	0.555	2.323

1.5" Calibration: Gain=38.075 Offset=-0.400

	Low Cal	High Cal
References	0.000	20.000
Readings	0.004	1.196

2" Calibration: Gain=40.000 Offset=-0.500

	Low Cal	High Cal
References	0.000	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