

MICRO LOG

Company DOWNING-NELSON OIL CO., INC.		Company DOWNING-NELSON OIL CO., INC.	
Well GLORIA #1-25		Well GLORIA #1-25	
Field WILDCAT		Field WILDCAT	
County RUSH		County RUSH	
State KANSAS		State KANSAS	
Location: API # : 15-165-22150-00-00		Other Services CDL/CNL SONIC/DIL	
Permanent Datum Log Measured From Drilling Measured From		SEC 25 TWP 17S RGE 19W 530 FSL & 330 FEL GROUND LEVEL Elevation 2109' KELLY BUSHING 8' A.G.L. KELLY BUSHING	
Date 08/20/17		Elevation K.B. 2117 D.F. 2115 G.L. 2109	
Run Number	TWO		
Depth Driller	3855		
Depth Logger	3858		
Bottom Logged Interval	3840		
Top Log Interval	3000		
Casing Driller	8 5/8@ 1276		
Casing Logger	1276		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD		
Density / Viscosity	9.2/5.1		
pH / Fluid Loss	8.5/9.2		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	.70@86		
Rmt @ Meas. Temp	.53@86		
Rmc @ Meas. Temp	.84@86		
Source of Rmt / Rmc	MEASURED		
Rm @ BHT	.52@115		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom	///		
Maximum Recorded Temperature	115F		
Equipment Number	4010		
Location	HAYS, KANSAS		
Recorded By	GUS PFANENSTIEL		
Witnessed By	MARC DOWNING		

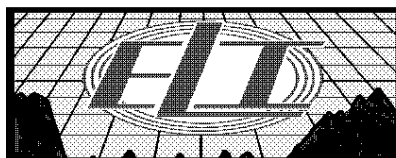
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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on 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 ELI WIRELINE, HAYS, KS. (785) 628-6395

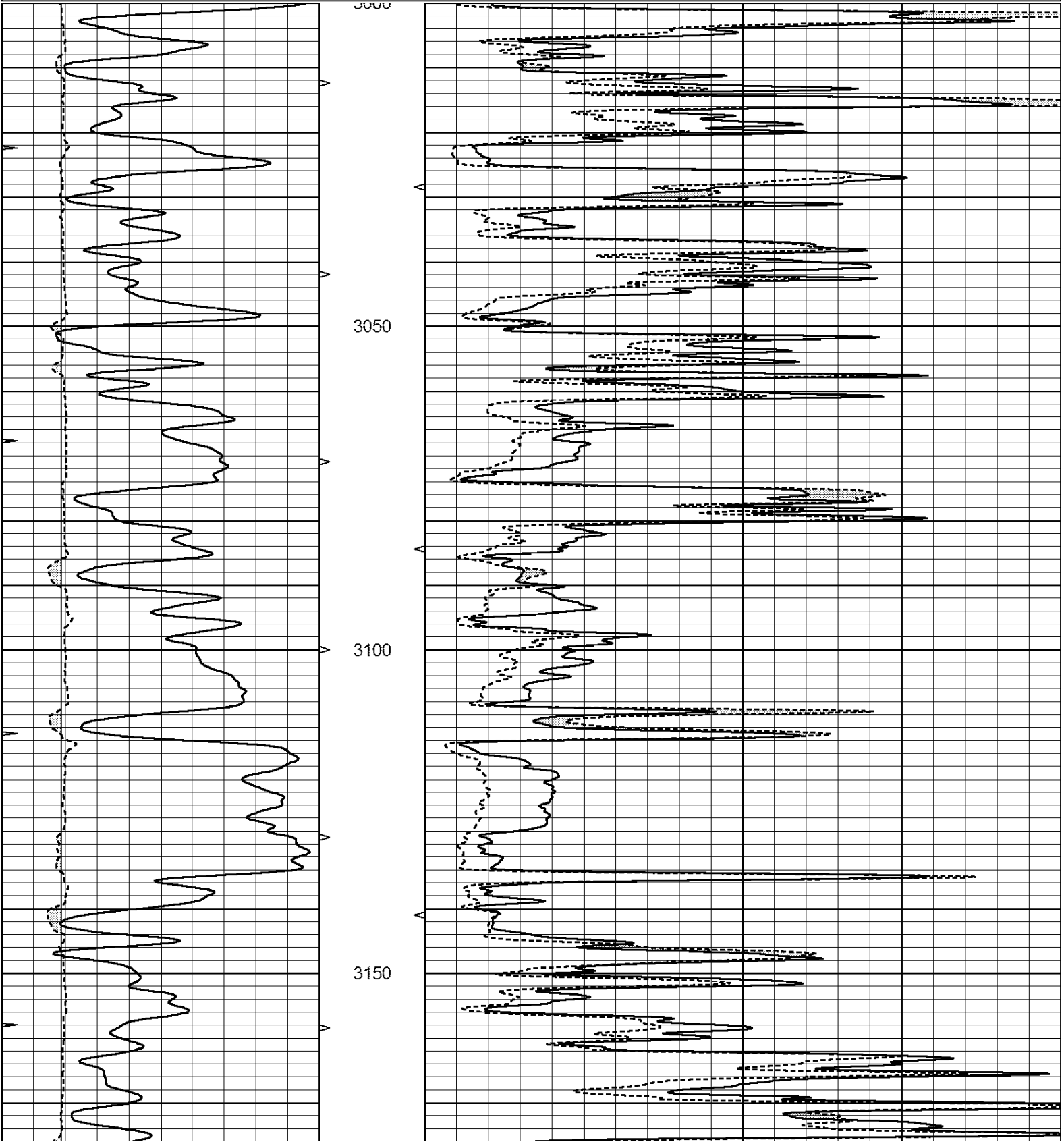
DIRECTIONS
LACROSSE HIGHWAY 4,
3 WEST, 1/4 NORTH, WEST INTO.

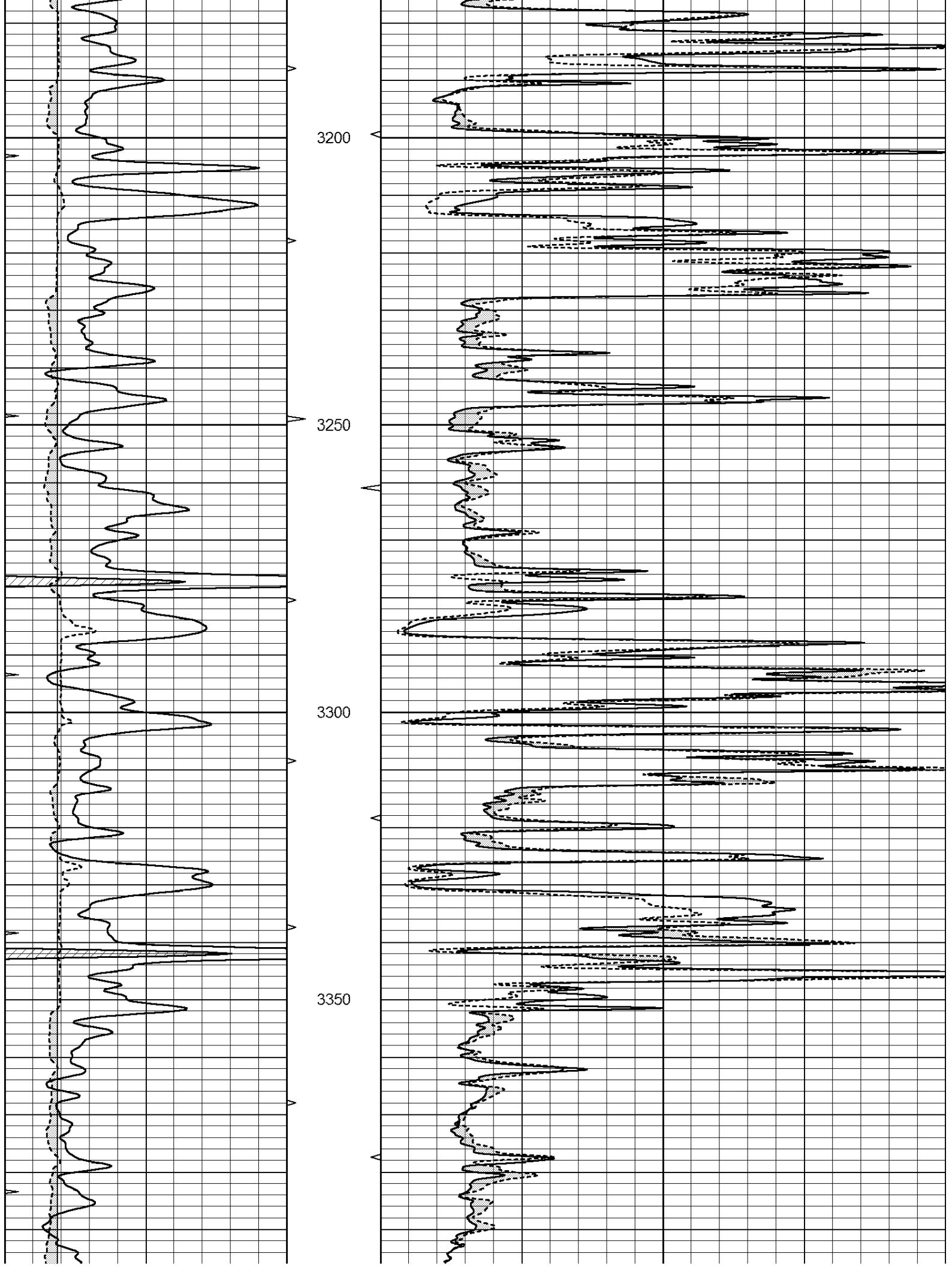


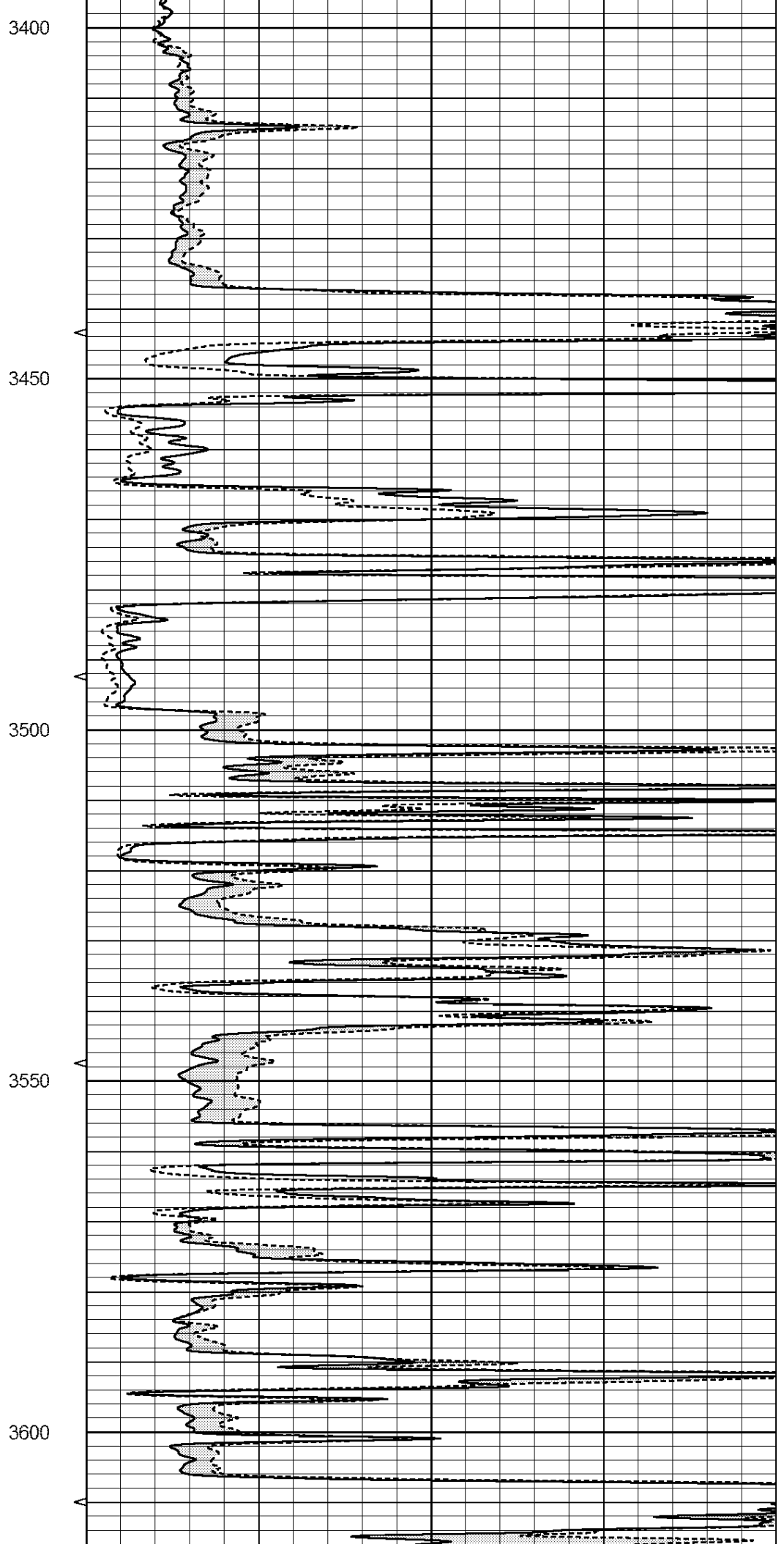
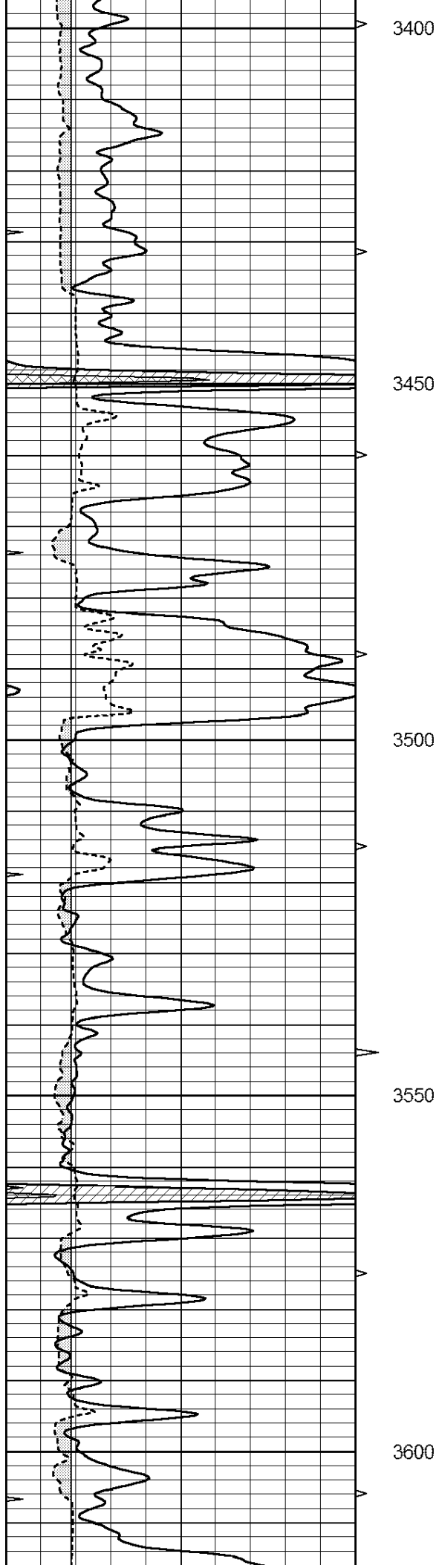
MAIN PASS

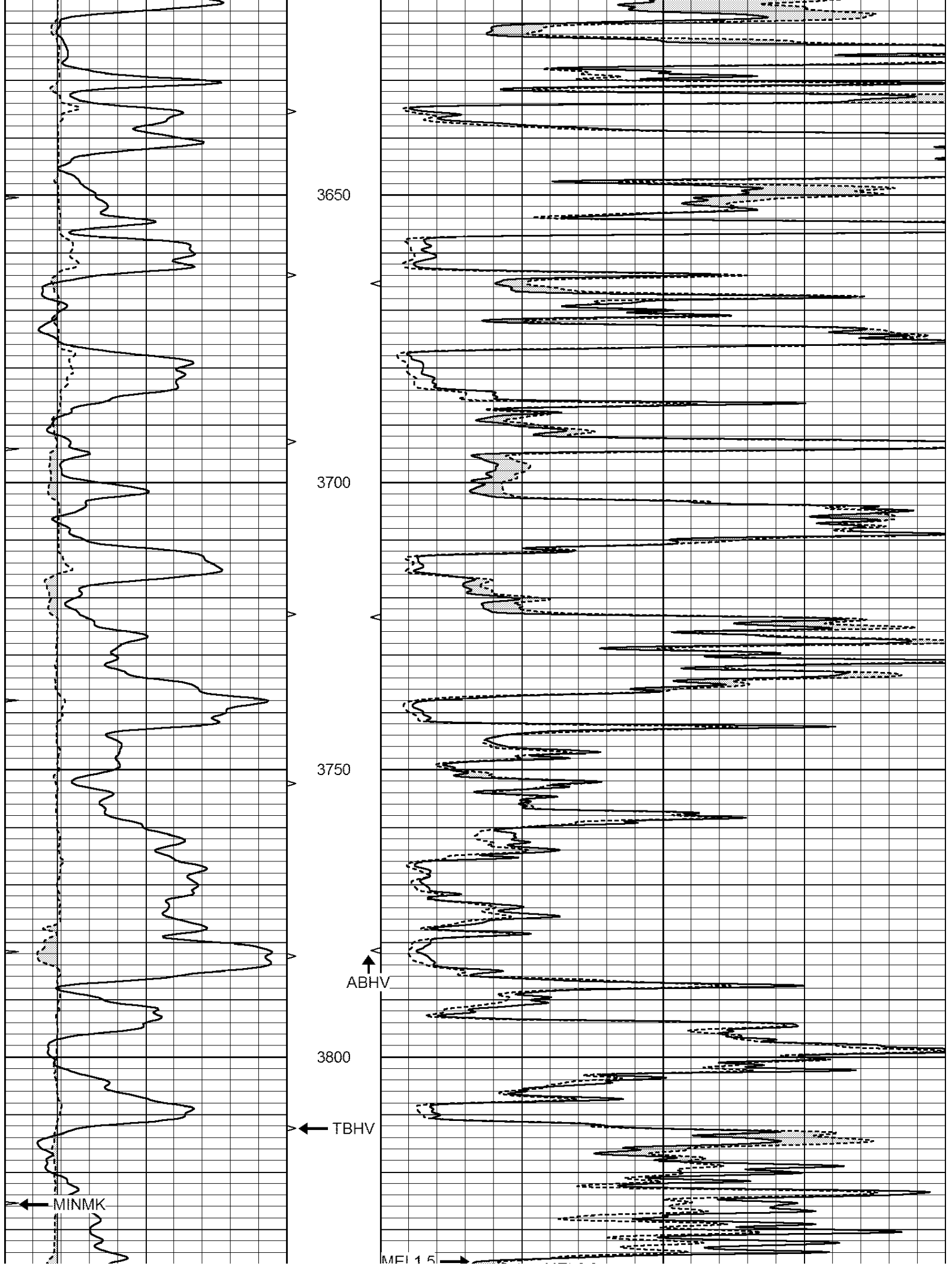
Database File: 1812ddn.db
Dataset Pathname: pass8M
Presentation Format: _micro
Dataset Creation: Sun Aug 20 19:38:36 2017
Charted by: Depth in Feet scaled 1:240

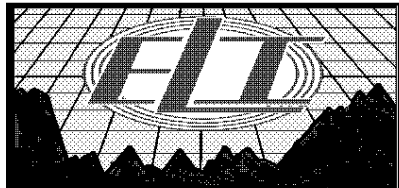
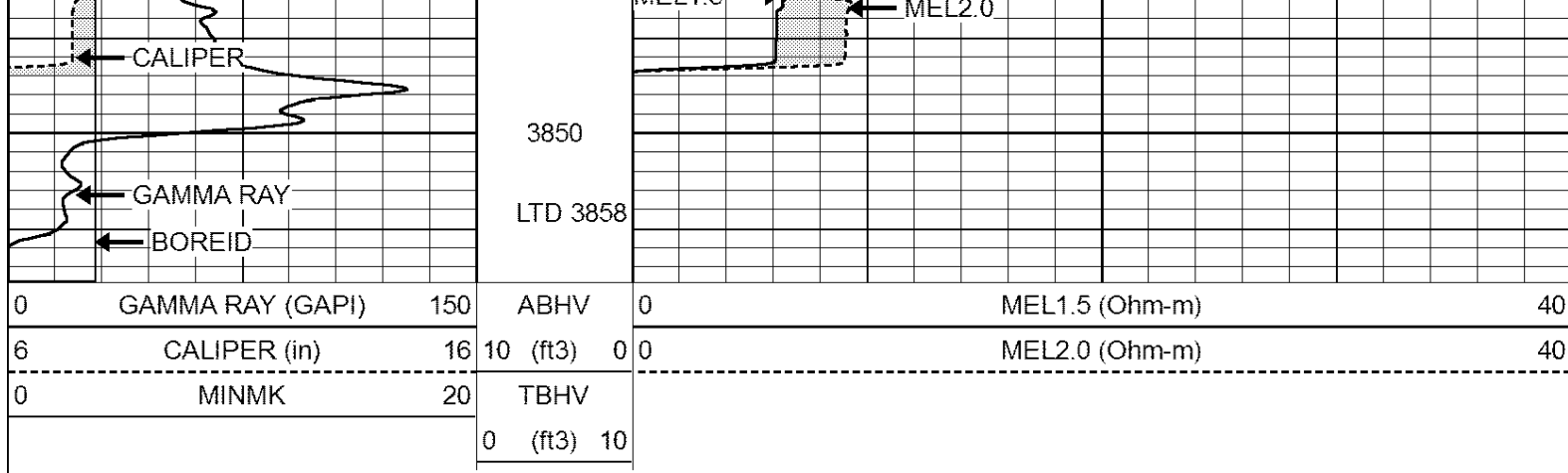
0	GAMMA RAY (GAPI)	150	ABHV	0	MEL1.5 (Ohm-m)	40
6	CALIPER (in)	16	10 (ft3)	0	MEL2.0 (Ohm-m)	40
0	MINMK	20	TBHV			
			0 (ft3)	10		







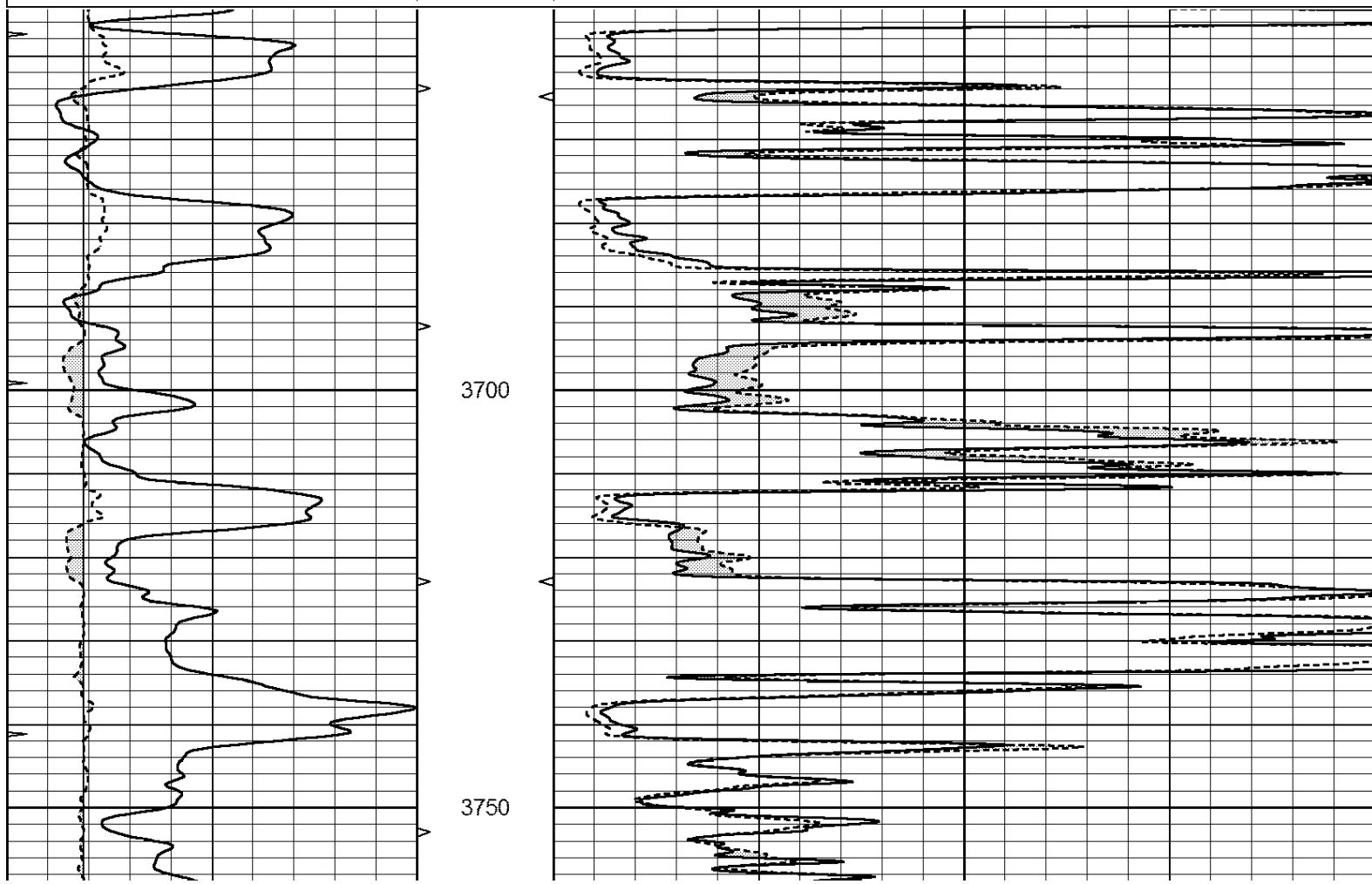


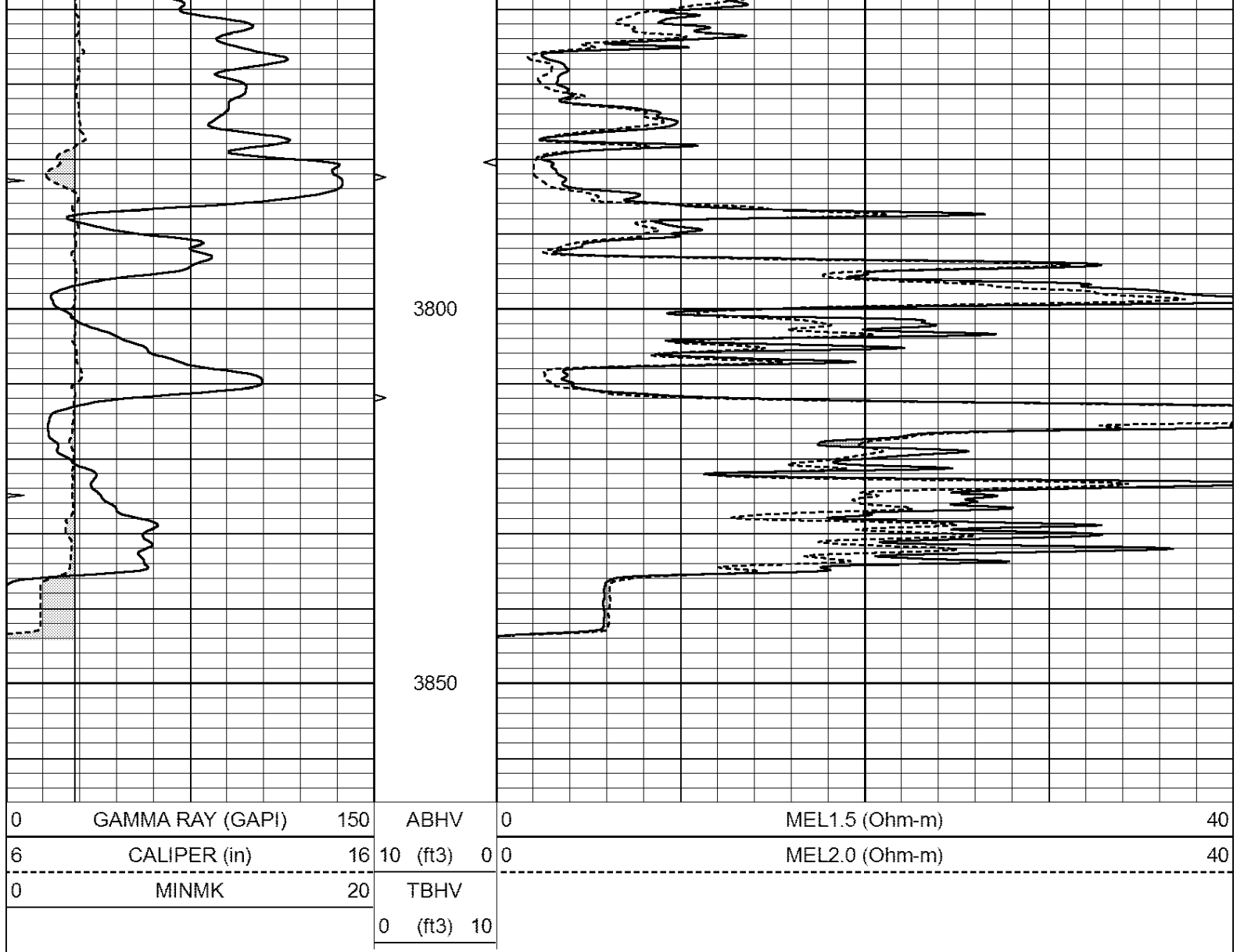


REPEAT SECTION

Database File: 1812ddn.db
 Dataset Pathname: pass7.1
 Presentation Format: _micro
 Dataset Creation: Sun Aug 20 19:25:32 2017 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:	1812ddn.db		
Dataset Pathname:	pass7.1		
Dataset Creation:	Sun Aug 20 19:25:32 2017 by Calc Open-Cased 090629		
MICRO Calibration Report			
Serial Number:	MICRO6		
Tool Model:	PROBE		
Performed:	Wed Aug 16 17:13:39 2017		
Caliper Calibration:	Gain=3.960	Offset=4.651	
References	Low Cal	High Cal	
Readings	7.000	14.000	
	0.555	2.323	
1.5" Calibration:	Gain=44.075	Offset=-0.200	
References	Low Cal	High Cal	
Readings	0.000	20.000	
	0.004	1.196	
2" Calibration:	Gain=48.000	Offset=-1.000	
References	Low Cal	High Cal	
	0.000	20.000	

Readings	0.006	0.913
Gamma Ray Calibration Report		
Serial Number:	GR2	
Tool Model:	OPEN	
Performed:	Wed Aug 16 17:13:40 2017	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	0.3800	GAPI/cps