

MICRO LOG

Company	BIRD DOG OIL
Well	RUTTI-GATES#1-5
Field	UNNAMED
County	STAFFORD
State	KANSAS
Location:	API # : 15-185-24056-0000 2310' FSL & 2310' FEL
Permanent Datum	SEC 5 TWP 22S RGE 13W
Log Measured From	GROUND LEVEL Elevation 1896
Drilling Measured From	KELLY BUSHING 9' A.G.L. KELLY BUSHING
Date	08/25/19
Run Number	TWO
Depth Driller	3880
Depth Logger	3876
Bottom Logged Interval	3856
Top Log Interval	3200
Casing Driller	8 5/8" @ 432
Casing Logger	432
Bit Size	7 7/8"
Type Fluid in Hole	CHEMICAL MUD
Density / Viscosity	9.1/59
pH / Fluid Loss	11.0/10.8
Source of Sample	FLOWLINE
Rm @ Meas. Temp	.5 @ 83F
Rmt @ Meas. Temp	.4 @ 83F
Rmc @ Meas. Temp	.64 @ 83F
Source of Rmt / Rmc	MEASURED
Rm @ BHT	.36 @ 115F
Time Circulation Stopped	2 HOURS
Time Logger on Bottom	///
Maximum Recorded Temperature	115F
Equipment Number	1523
Location	HAYS, KANSAS
Recorded By	GUS PFANENSTIEL
Witnessed By	JUSTIN CARTER

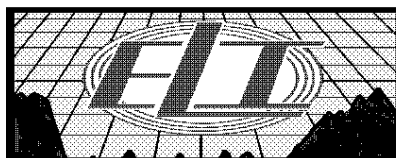
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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on 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

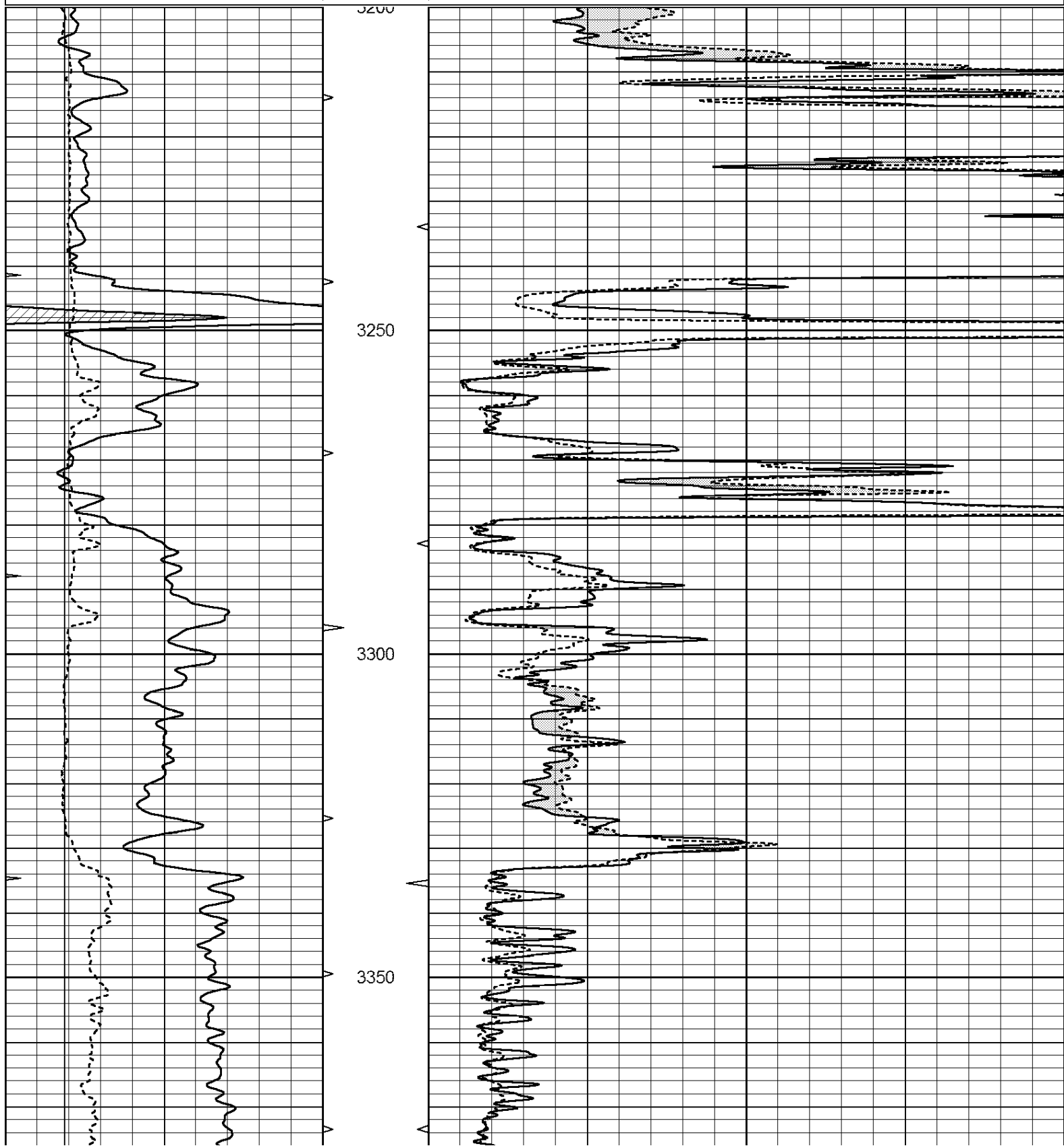
DIRECTIONS
SOUTH OF GREAT BEND TO K19 WEST 1 1/2 MILE,
NORTH INTO.

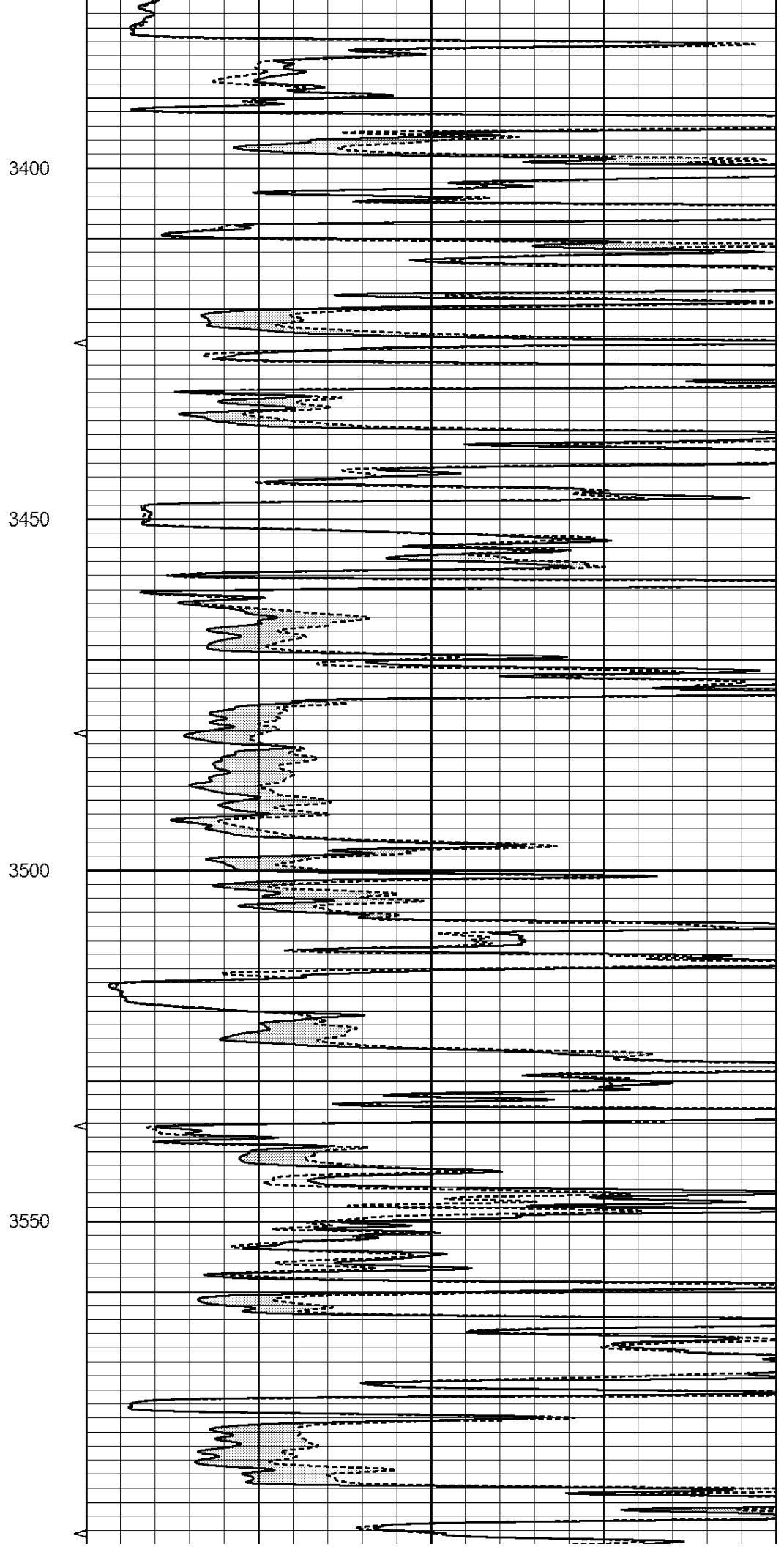
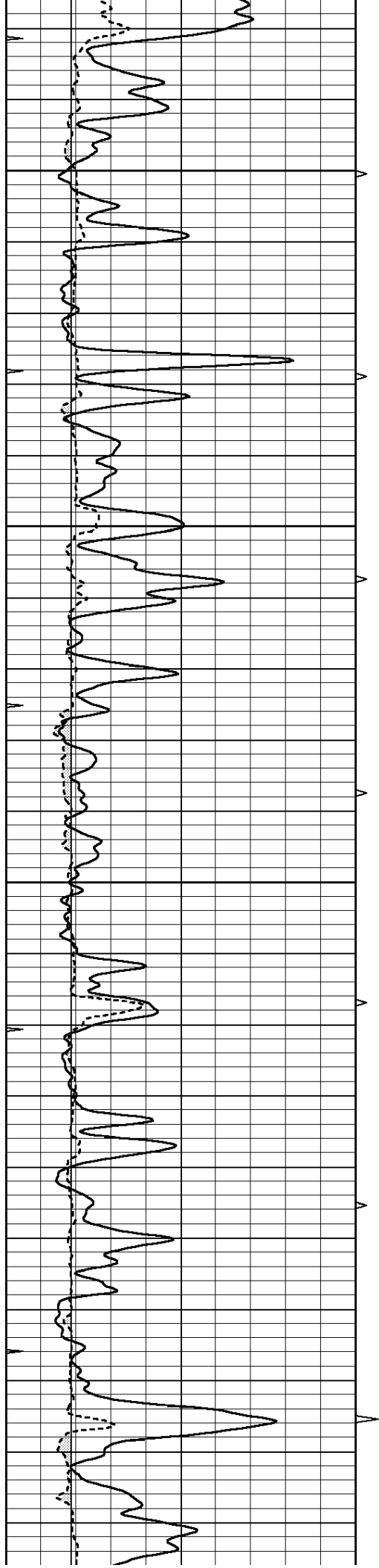


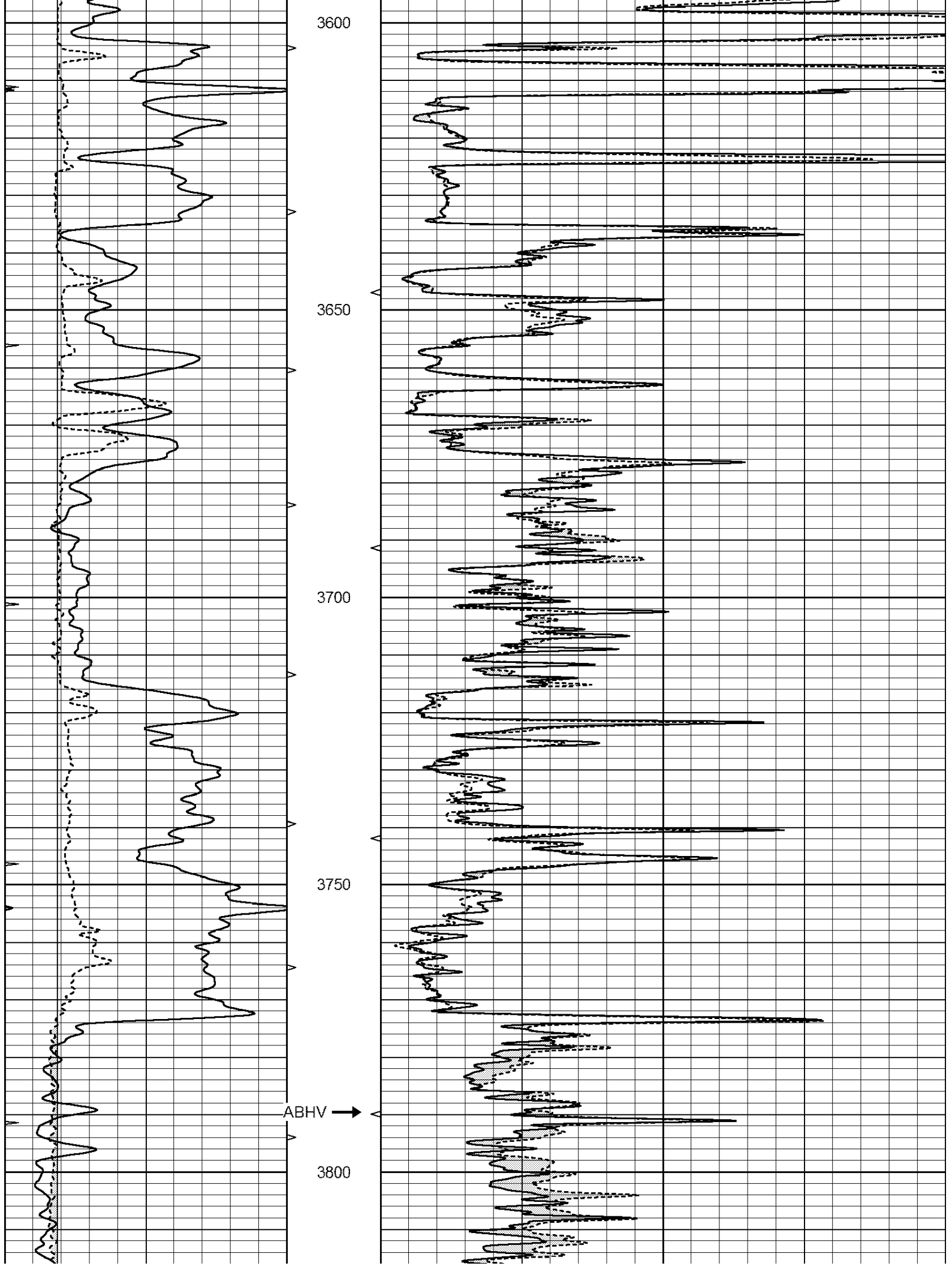
MAIN PASS

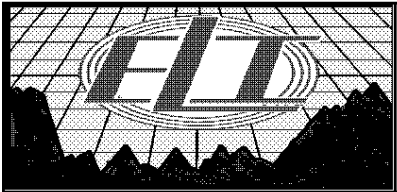
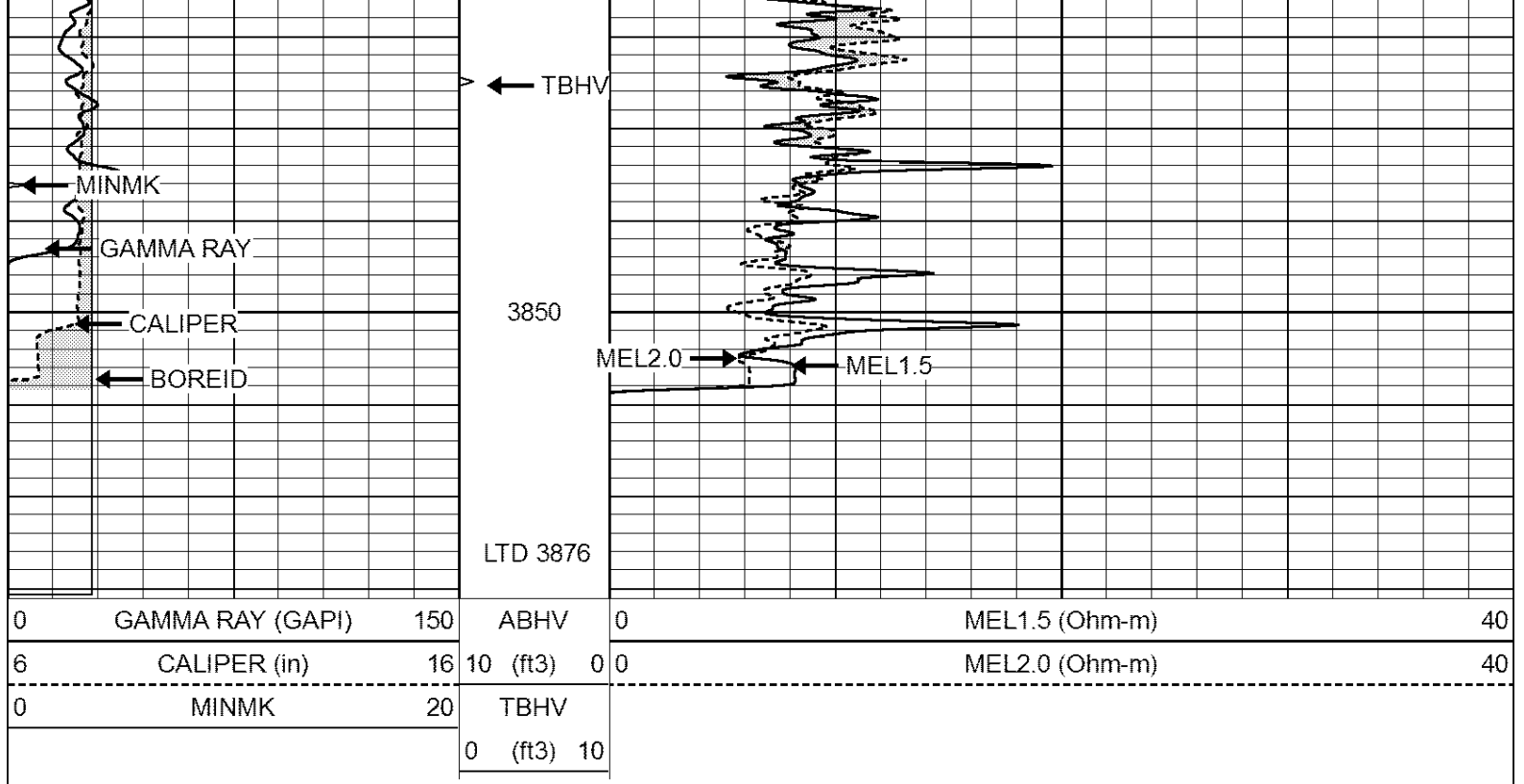
Database File: 4087pe.db
 Dataset Pathname: pass5MIC.1
 Presentation Format: _micro
 Dataset Creation: Sun Aug 25 14:24:00 2019
 Charted by: Depth in Feet scaled 1:240

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		



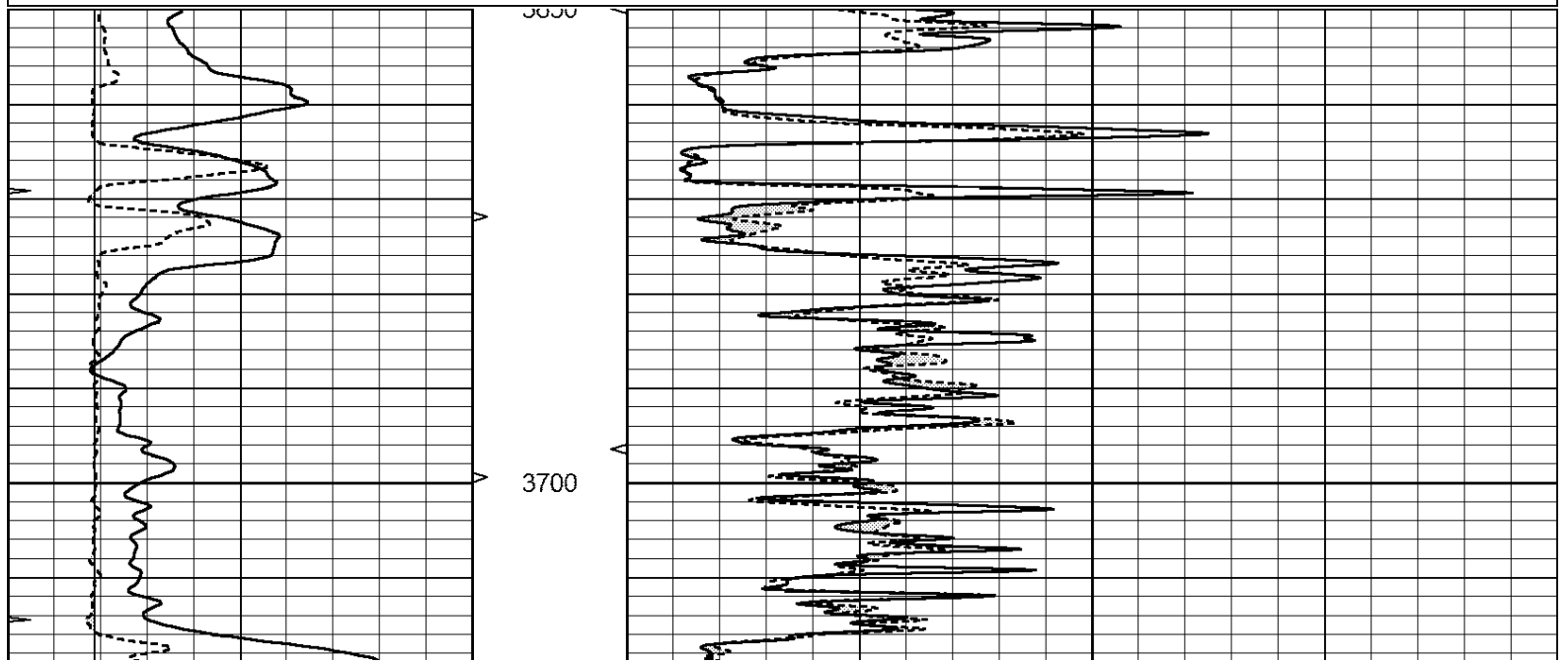
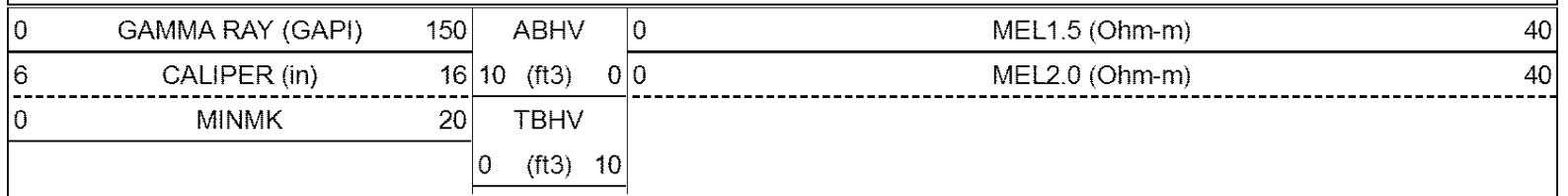


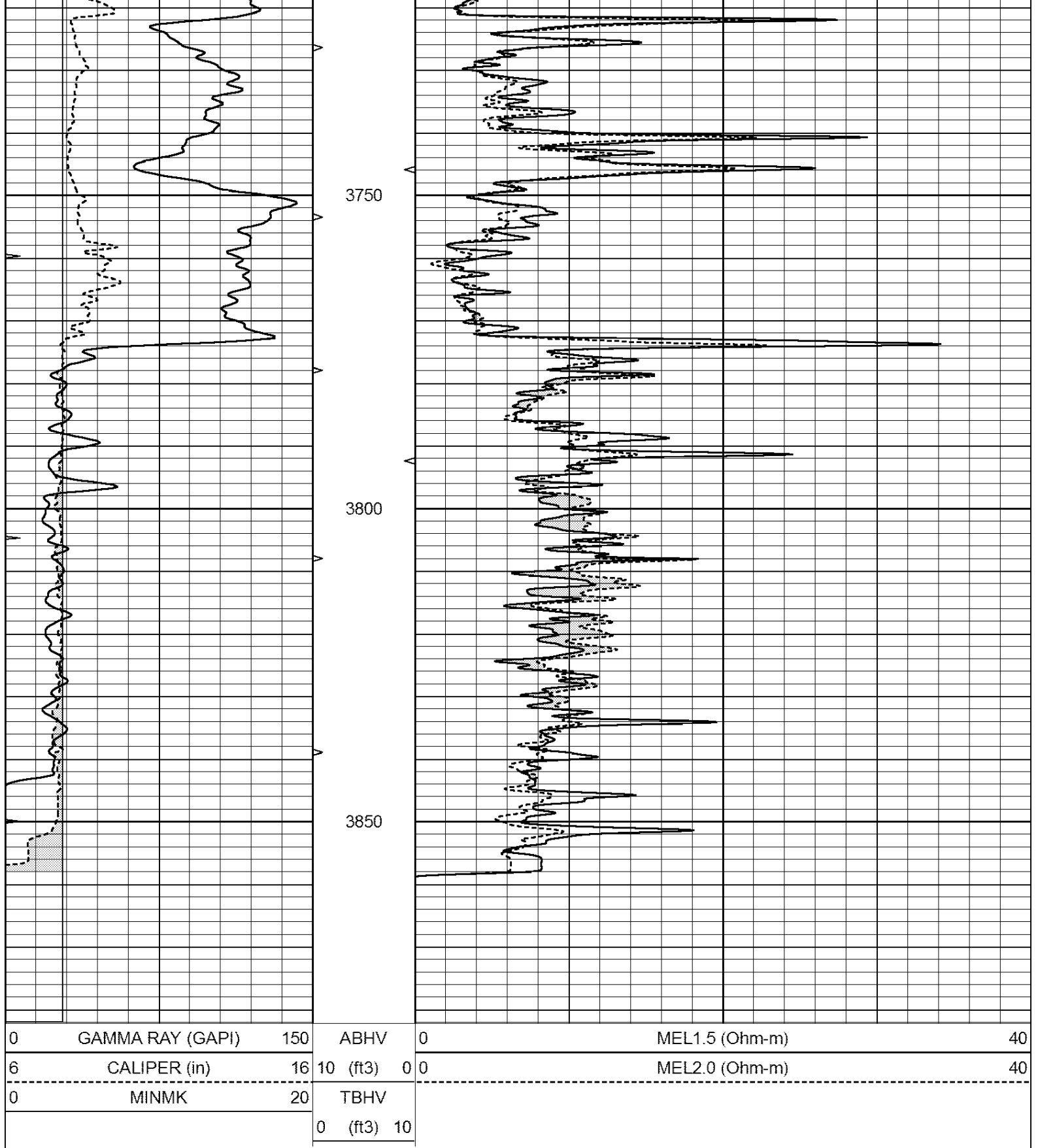




REPEAT SECTION

Database File: 4087pe.db
 Dataset Pathname: pass4.1
 Presentation Format: _micro
 Dataset Creation: Sun Aug 25 14:11:47 2019
 Charted by: Depth in Feet scaled 1:240





Calibration Report

Database File: 4087pe.db
 Dataset Pathname: pass4.1
 Dataset Creation: Sun Aug 25 14:11:47 2019

MICRO Calibration Report

Serial Number:
 Tool Model:

MICRO5
 PROBE

Performed: Fri Aug 09 14:18:04 2019

Caliper Calibration: Gain=3.843 Offset=-10.132

	Low Cal	High Cal
References	7.000	15.000
Readings	4.458	6.539

1.5" Calibration: Gain=45.159 Offset=-0.295

	Low Cal	High Cal
References	0.000	20.000
Readings	0.015	1.007

2" Calibration: Gain=75.235 Offset=-0.888

	Low Cal	High Cal
References	0.000	20.000
Readings	0.008	0.908

Gamma Ray Calibration Report

Serial Number:	GR5
Tool Model:	OPEN
Performed:	Mon Aug 12 13:38:04 2019

Calibrator Value:	1.0	GAPI
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Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps

Sensitivity:	0.5000	GAPI/cps
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