



MICRO LOG

Company		BIRD DOG OIL, LLC.	
Well		KELLER - GATES #1-17	
Field		KENILWORTH WEST	
County		STAFFORD	
State		KANSAS	
Location:		AP1 # : 15-185-24043-0000	
Permanent Datum		GROUND LEVEL	
Log Measured From		KELLY BUSHING 8' A.G.L.	
Drilling Measured From		KELLY BUSHING	
SEC 17 TWP 22S RGE 13W		Elevation	
		K.B. 1910	
		D.F. 1908	
		G.L. 1902	
Date	1/5/19		
Run Number	TWO		
Depth Driller	3890		
Depth Logger	3886		
Bottom Logged Interval	3870		
Top Log Interval	3200		
Casing Driller	8 5/8"@305'		
Casing Logger	305		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 18,900 PPM	
Density / Viscosity	8.9/50		
pH / Fluid Loss	8.5/14.4		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	.300@55F		
Rmf @ Meas. Temp	.225@55F		
Rmc @ Meas. Temp	.360@55F		
Source of Rmf / Rmc	MEASUREMENT		
Rm @ BHT	.143@115F		
Time Circulation Stopped	4.5 HOURS		
Time Logger on Bottom	1:00 P.M.		
Maximum Recorded Temperature	115F		
Equipment Number	922339		
Location	HAYS, KANSAS		
Recorded By	JEFF LUEBBERS		
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

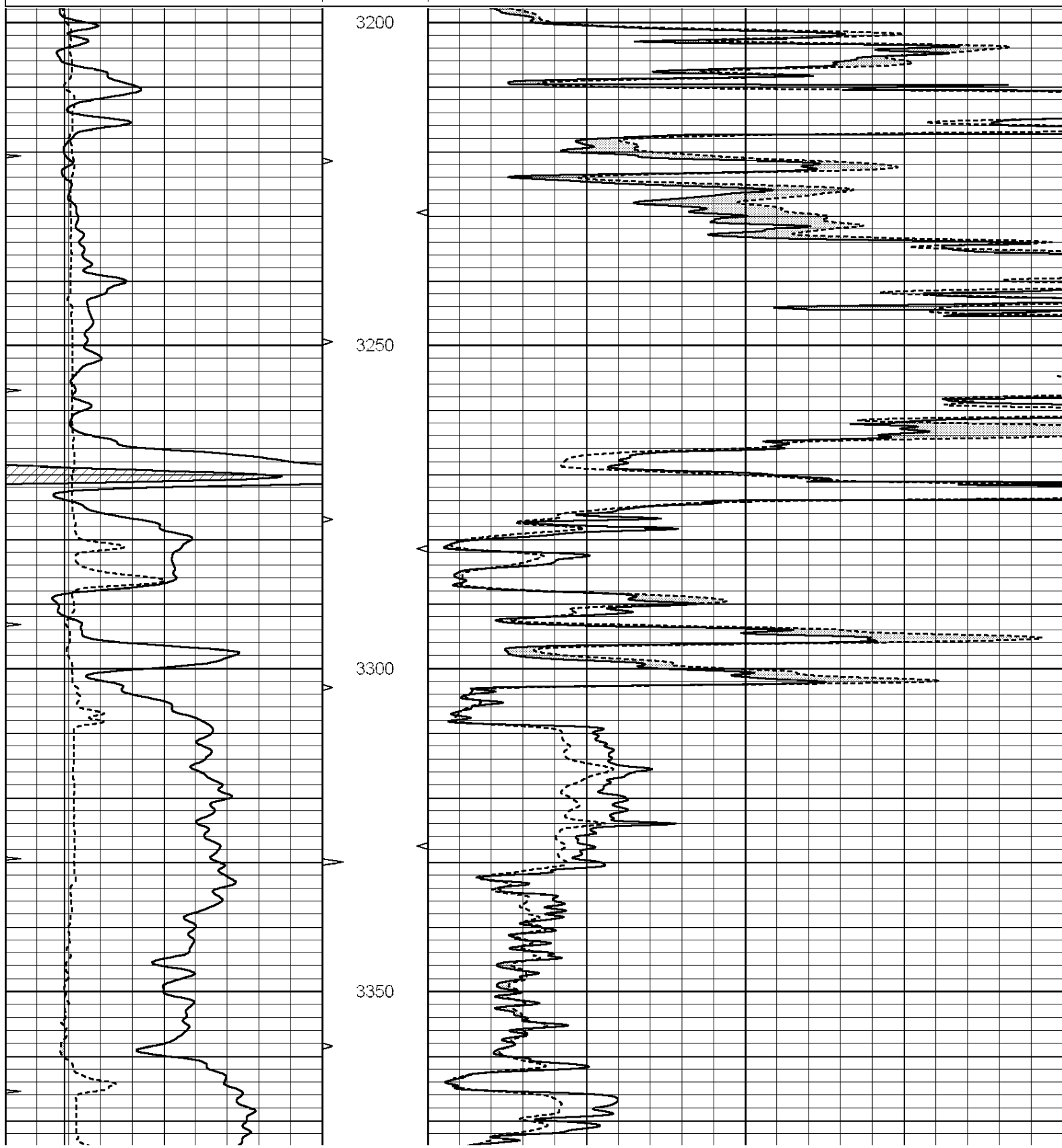
THANK YOU FOR USING ELI WIRELINE HAYS, KANSAS (785) 628-6395
DIRECTIONS
LARNED, KS., EAST ON K-19 TO "STAFFORD CR 10", 1 1/4S., W. INTO

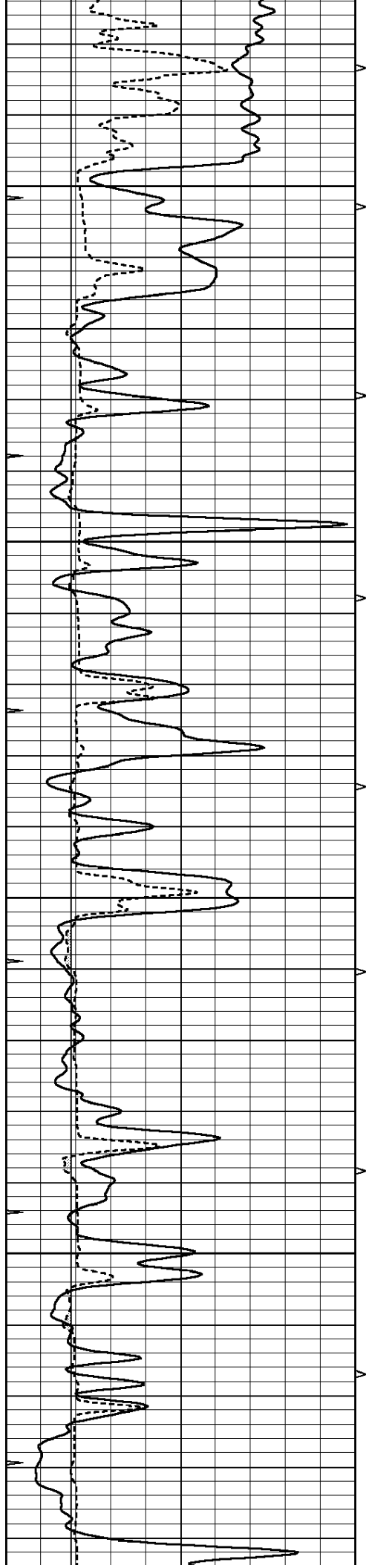


MAIN SECTION

Database File: 3329ddn.db
Dataset Pathname: pass6.5
Presentation Format: micro
Dataset Creation: Sat Jan 05 14:07:03 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	MEL 20 (Ohm-m)	40
0	MINMK	20	TBHV			
			0 (ft3)	10		



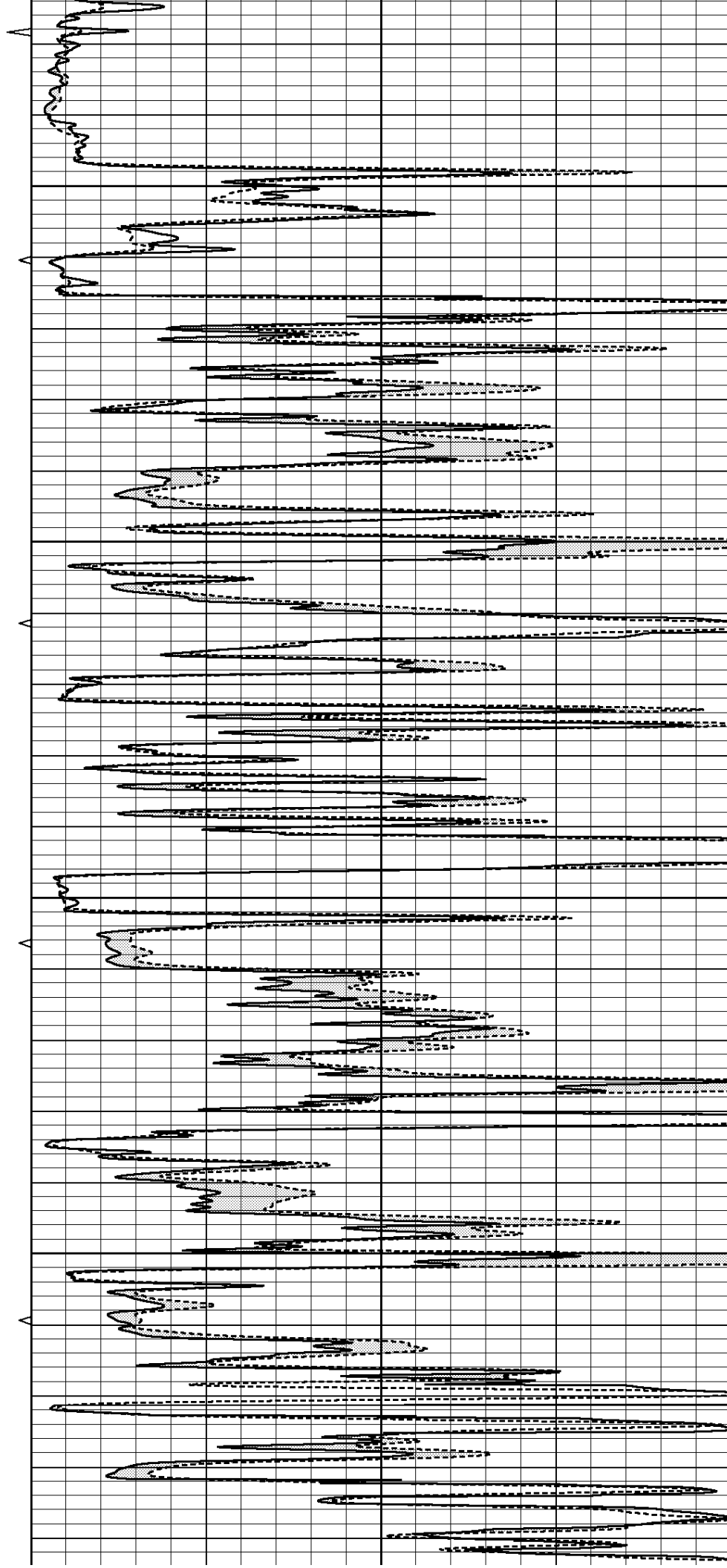


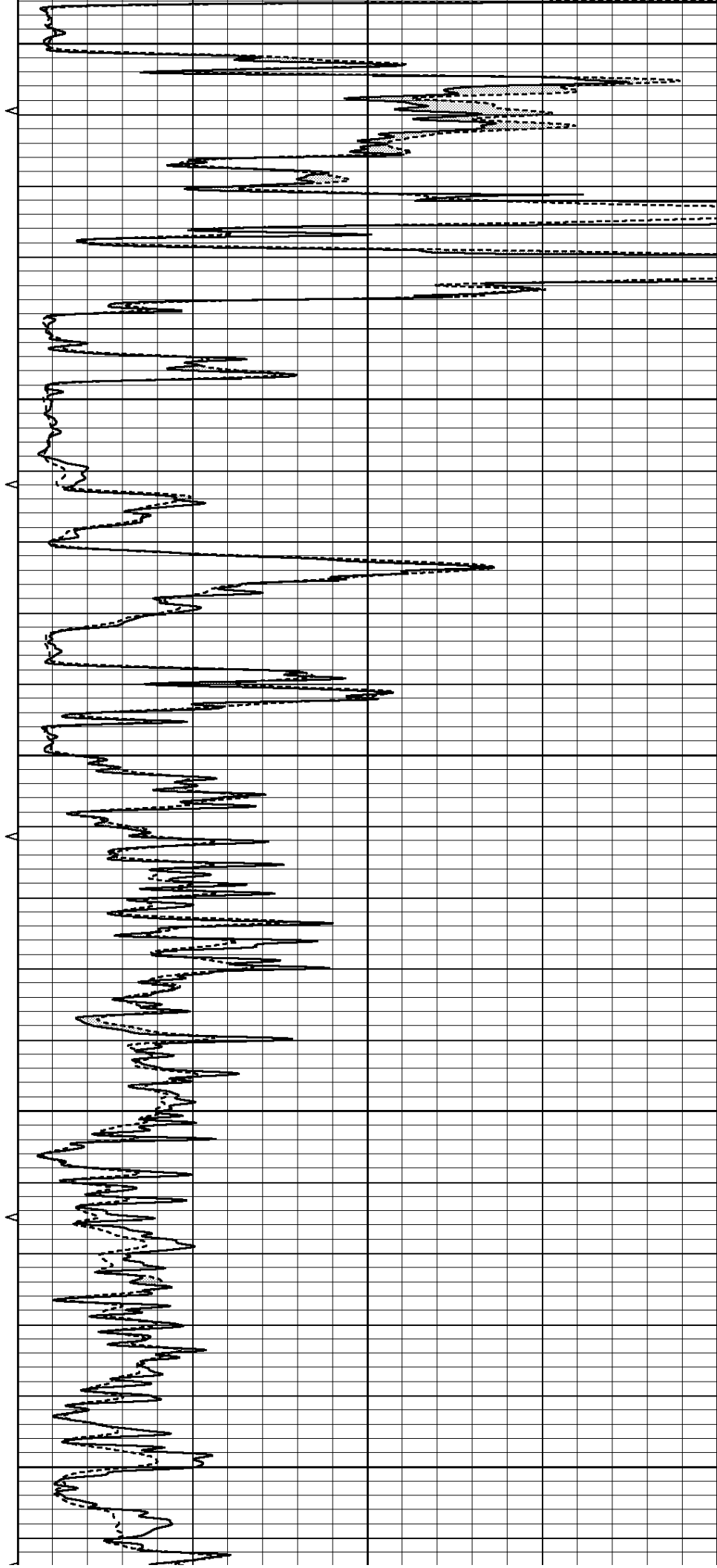
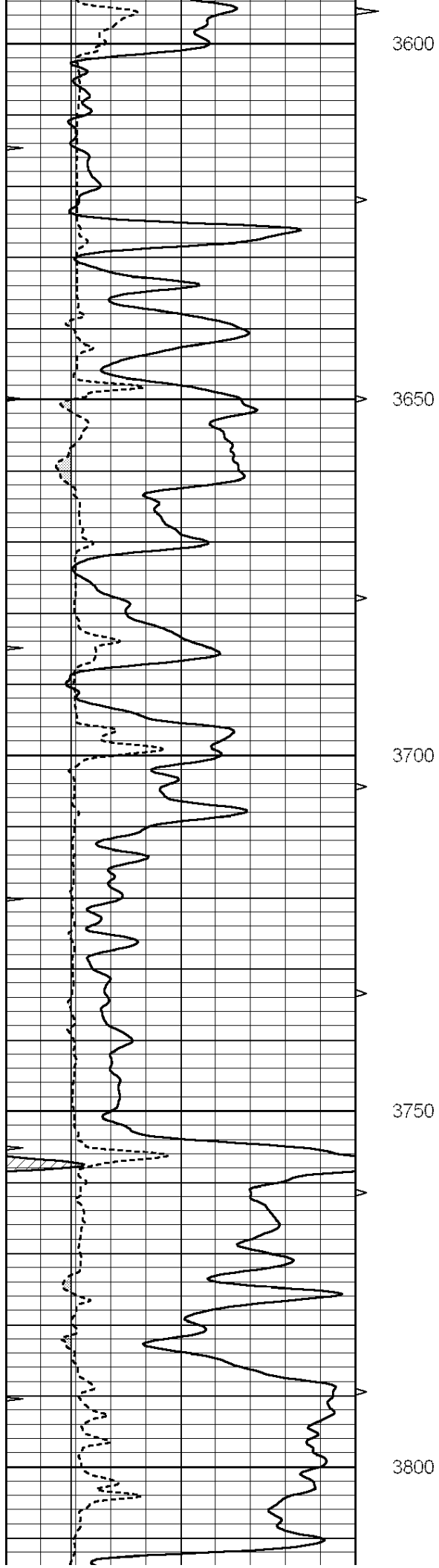
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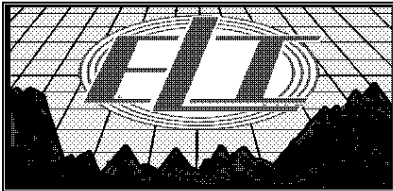
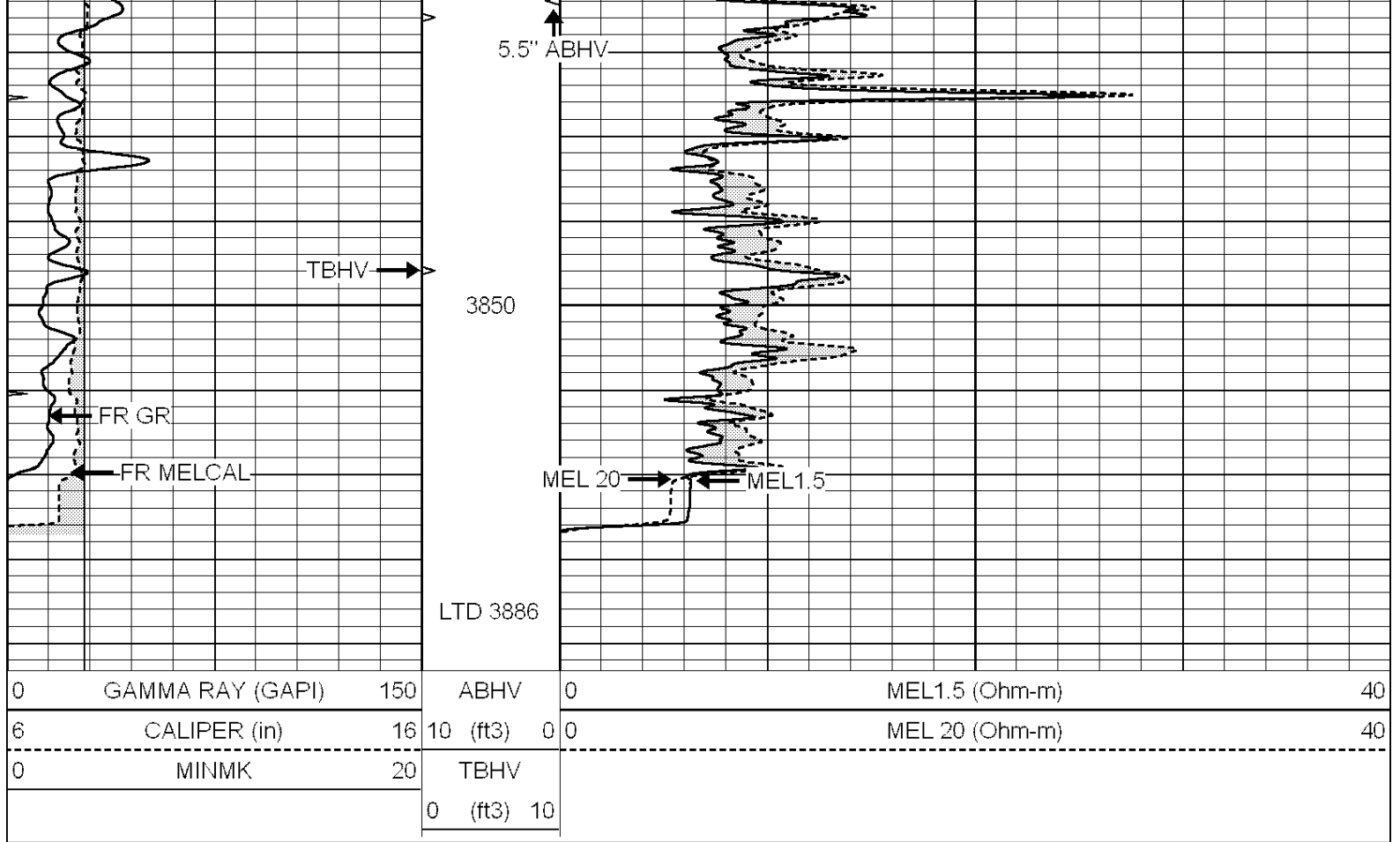
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3500

3550

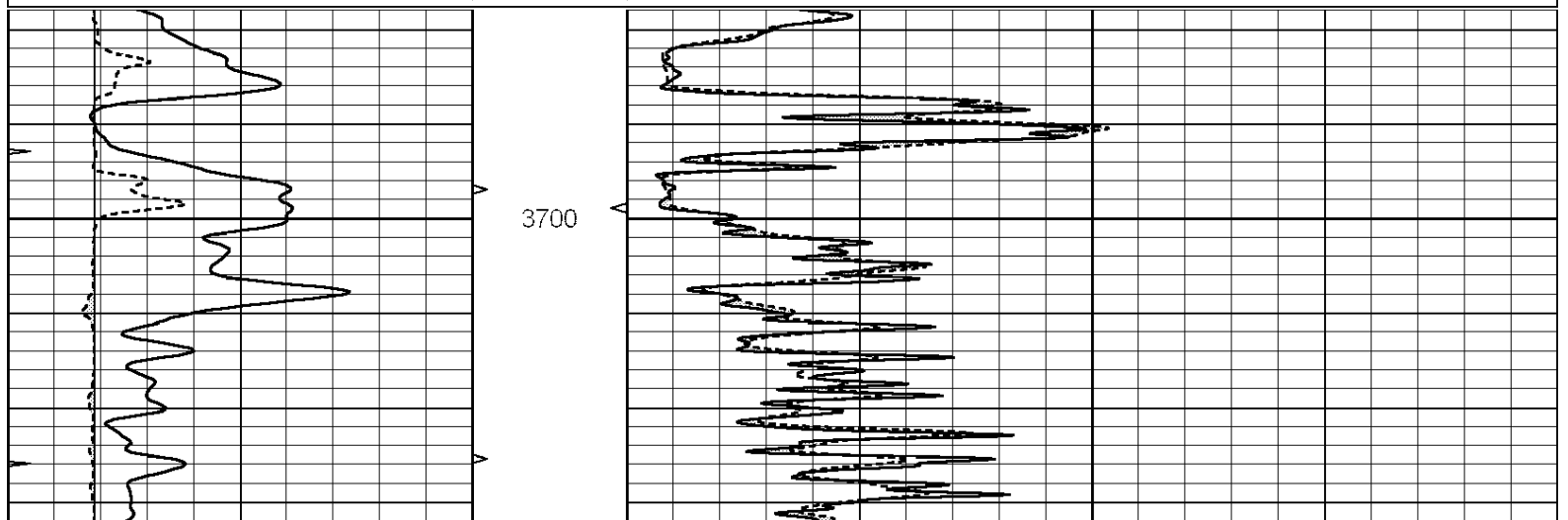
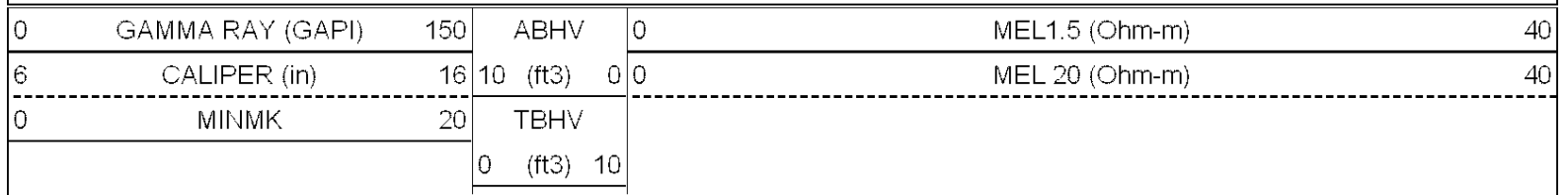


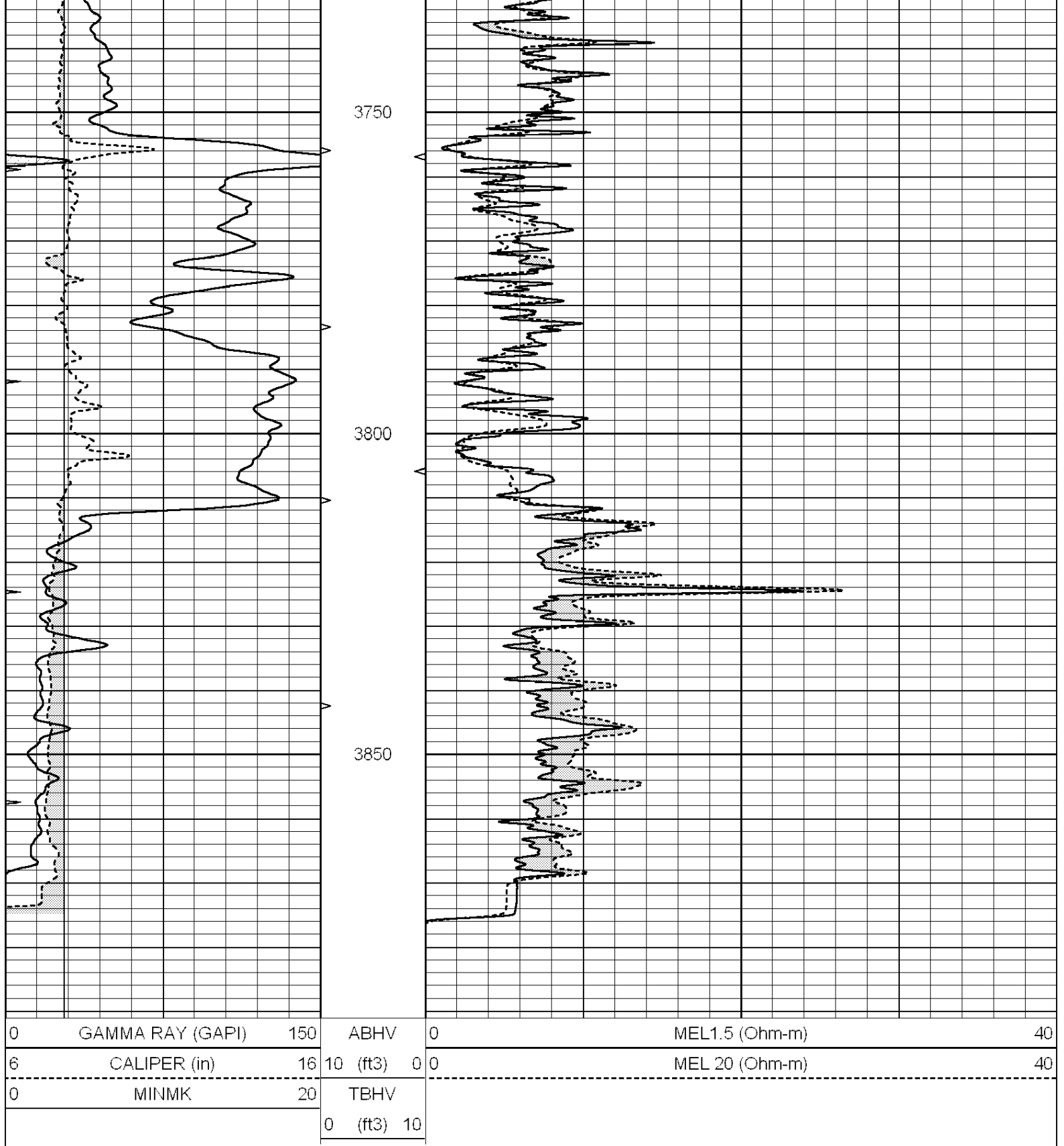




REPEAT SECTION

Database File: 3329ddn.db
 Dataset Pathname: pass5.3
 Presentation Format: micro
 Dataset Creation: Sat Jan 05 14:24:48 2019
 Charted by: Depth in Feet scaled 1:240





Calibration Report

Database File: 3329ddn.db
Dataset Pathname: pass6.5
Dataset Creation: Sat Jan 05 14:07:03 2019

MICRO Calibration Report

Serial Number: 070912
Tool Model: ProbeN
Performed: Sat Dec 29 10:13:52 2018

Caliper Calibration:	Gain=4.063	Offset=-0.444
References	Low Cal 7.600	High Cal 18.000
Readings	1.980	4.540
1.5" Calibration:	Gain=52.000	Offset=0.000
References	Low Cal 0.000	High Cal 20.000
Readings	0.002	1.239
2" Calibration:	Gain=52.000	Offset=0.000
References	Low Cal 0.000	High Cal 20.000
Readings	0.003	1.075
Gamma Ray Calibration Report		
Serial Number:	110959	
Tool Model:	OPEN_GR	
Performed:	Mon Dec 17 16:17:02 2018	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	0.2400	GAPI/cps