



MICRO LOG

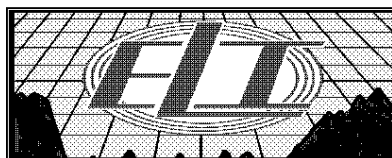
Company	SHELBY RESOURCES, LLC.		
Well	PAWNEE CATTLE COMPANY #1-9		
Field	ZOOK		
County	PAWNEE		
State	KANSAS		
Company	SHELBY RESOURCES, LLC.		
Well	PAWNEE CATTLE COMPANY #1-9		
Field	ZOOK		
County	PAWNEE		
State	KANSAS		
Location:	APL # : 15-145-21839-0000 1285' FNL & 1830' FEL SW - SE - NW - NE		Other Services CDL/CNL DIL/SON
Permanent Datum	GROUND LEVEL		Elevation
Log Measured From	KELLY BUSHING 11' A.G.L.		2016
Drilling Measured From	KELLY BUSHING		K.B. 2027 D.F. 2025 G.L. 2016
Date	10/2/18		
Run Number	TWO		
Depth Driller	3975		
Depth Logger	3975		
Bottom Logged Interval	3959		
Top Log Interval	3000		
Casing Driller	8 5/8" @ 1028'		
Casing Logger	1030		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD		CHLORIDES 5,900 PPM
Density / Viscosity	9.1/68		
pH / Fluid Loss	11.5/8.4		
Source of Sample	FLOWLINE		
Rim @ Meas. Temp	.650 @ 90F		
Rmf @ Meas. Temp	.488 @ 90F		
Rmc @ Meas. Temp	.780 @ 116F		
Source of Rmf / Rmc	MEASUREMENT		
Rim @ BHT	.448 @ 116F		
Time Circulation Stopped	3.5 HOURS		
Time Logger on Bottom	1:00 P.M.		
Maximum Recorded Temperature	116F		
Equipment Number	922339		
Location	HAYS, KANSAS		
Recorded By	JEFF LUEBBERS		
Witnessed By	JEREMY SCHWARTZ		

<<< Fold Here >>>

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

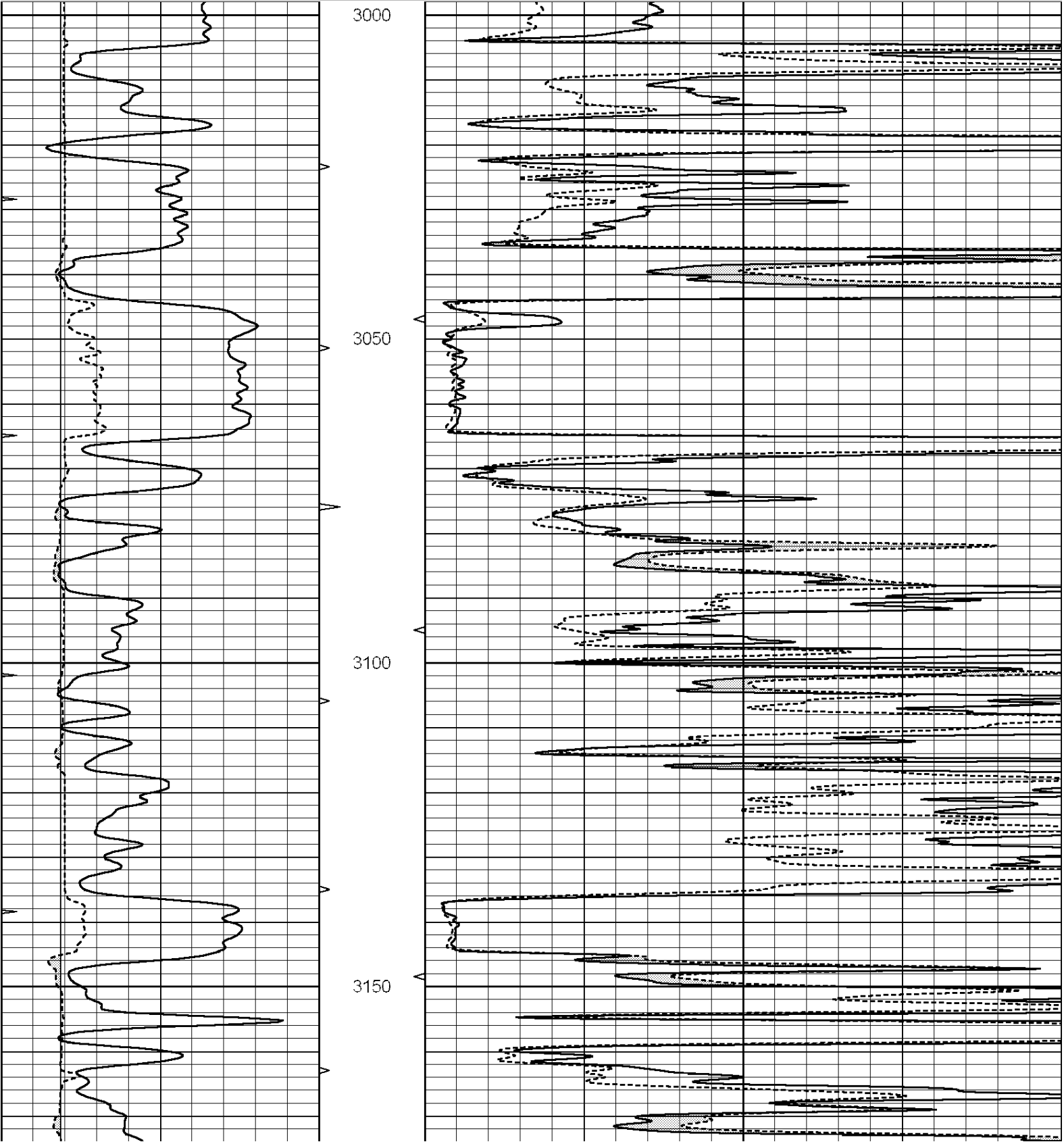
THANK YOU FOR USING ELI WIRELINE HAYS, KANSAS (785) 628-6395
DIRECTIONS
LARNED, KS., & K-19, 1E. TO "100TH AVE.", 1/2S., W. INTO ACROSS FROM FEEDLOT

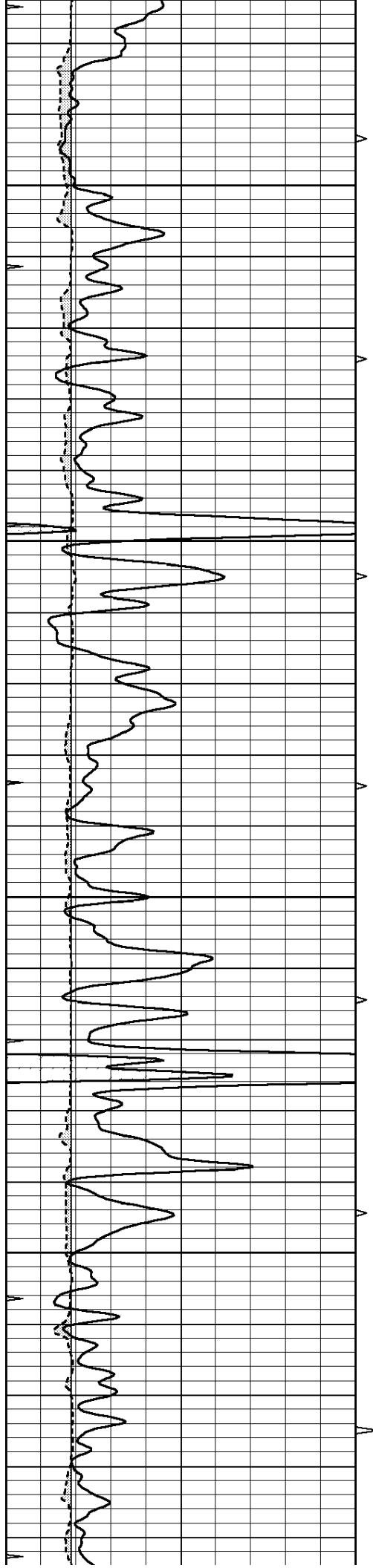


MAIN SECTION

Database File: 2940ddn.db
Dataset Pathname: pass7.2
Presentation Format: micro
Dataset Creation: Tue Oct 02 14:04:25 2018 by Calc SOC 120430
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 0	MEL 20 (Ohm-m)	40
0	MINMK	20	TBHV			
			0 (ft3)	10		



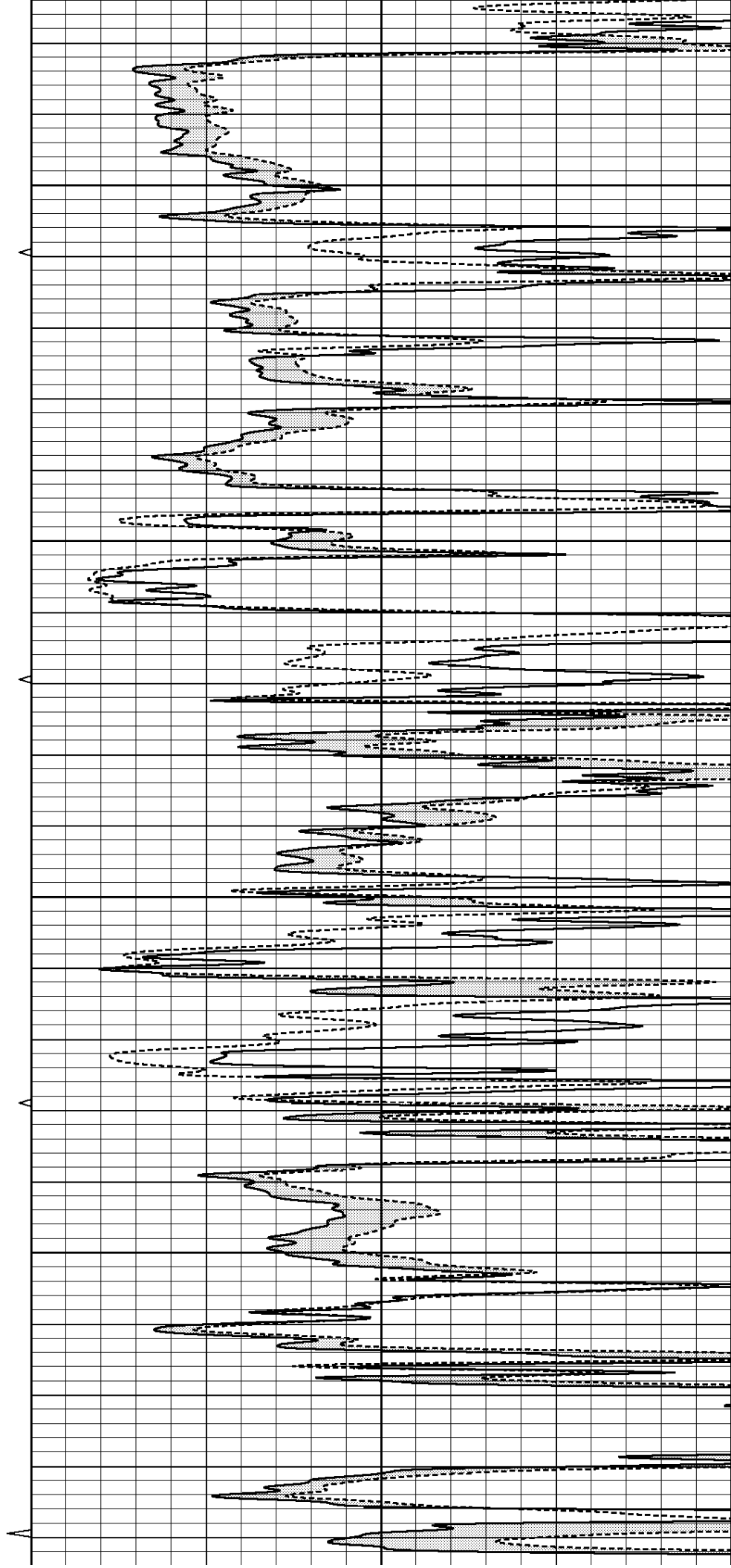


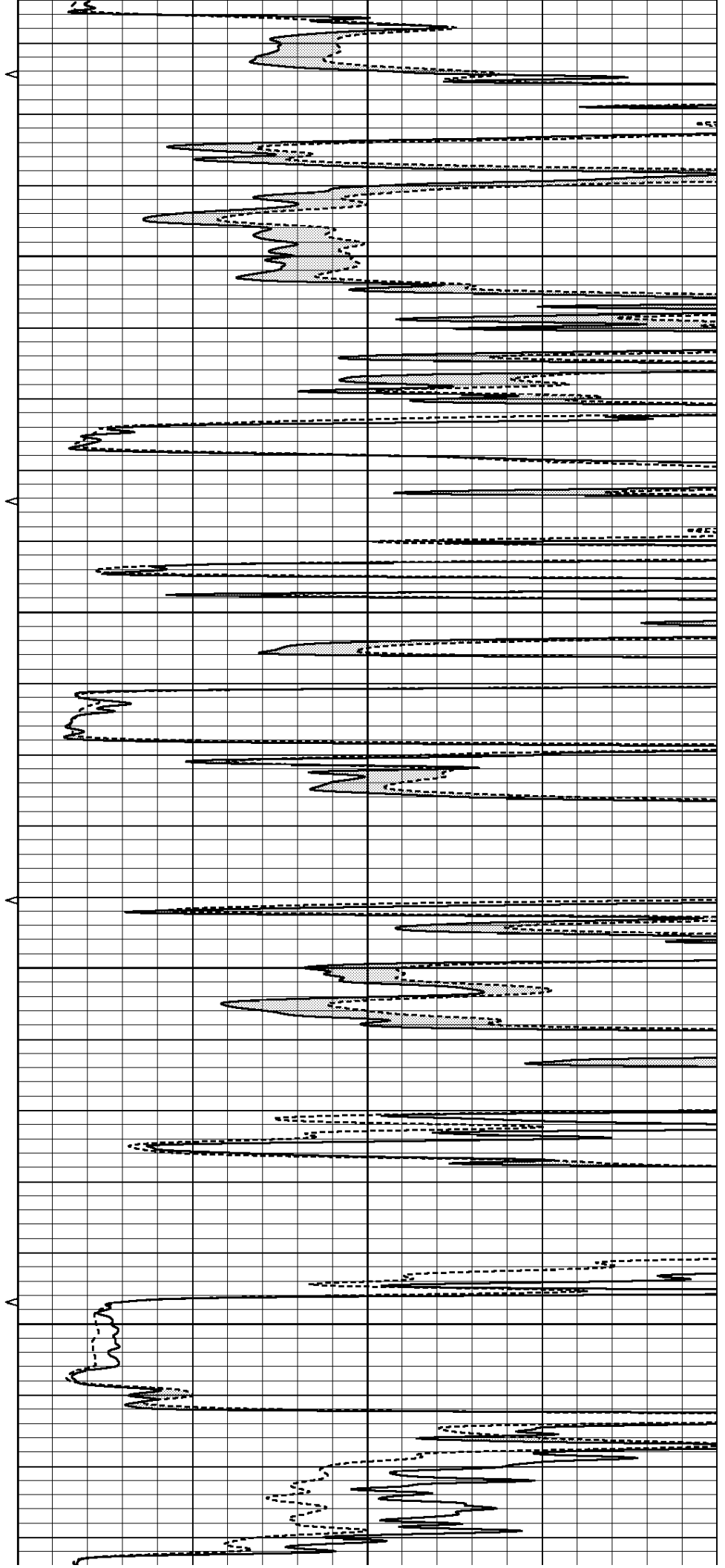
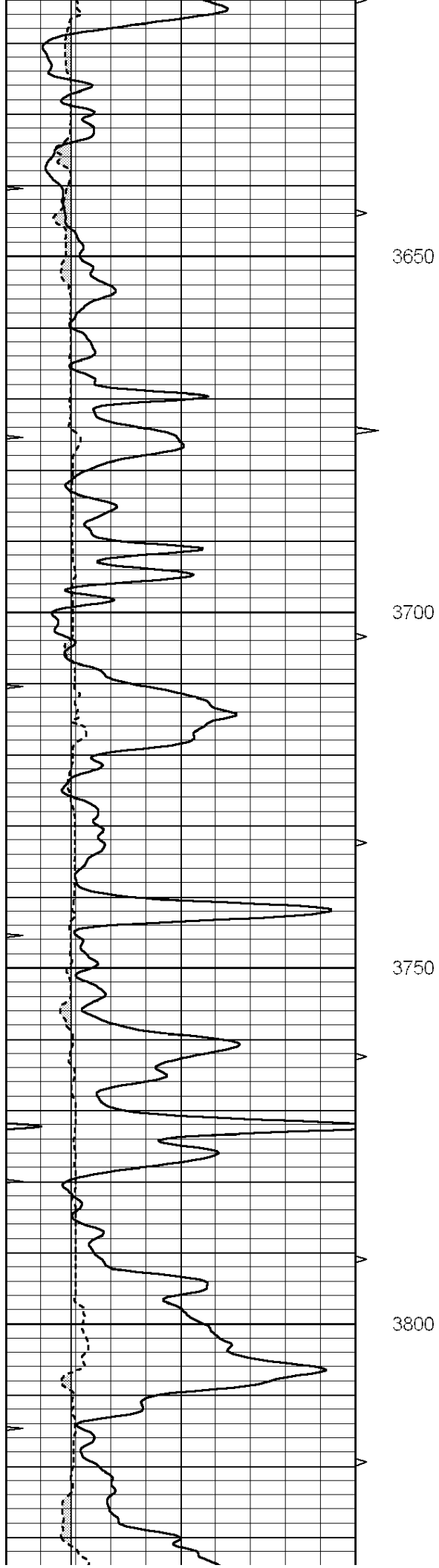
3200

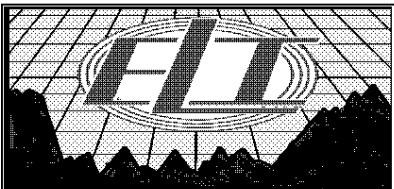
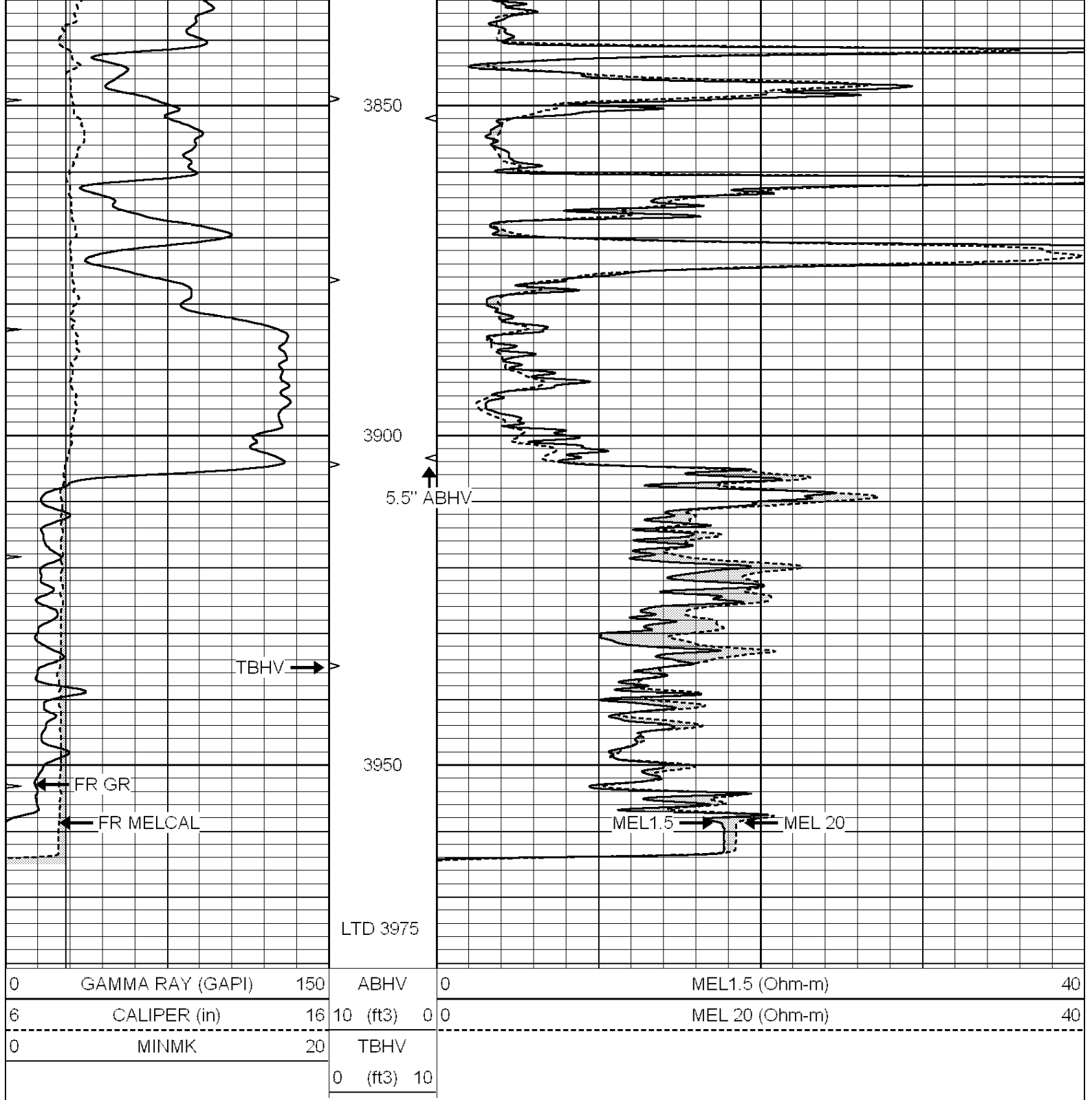
3250

3300

3350

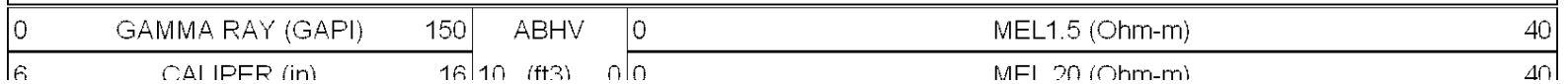






REPEAT SECTION

Database File: 2940ddn.db
 Dataset Pathname: pass6.1
 Presentation Format: micro
 Dataset Creation: Tue Oct 02 13:13:27 2018 by Calc SOC 120430
 Charted by: Depth in Feet scaled 1:240



Calibration Report

Database File: 2940ddn.db
 Dataset Pathname: pass7.2
 Dataset Creation: Tue Oct 02 14:04:25 2018 by Calc SOC 120430

MICRO Calibration Report

Serial Number: 070911
 Tool Model: ProbeN
 Performed: Sat Sep 29 07:14:19 2018

Caliper Calibration: Gain=3.894 Offset=2.131
 Low Cal High Cal
 References 7.700 18.000
 Readings 1.430 4.075

1.5" Calibration: Gain=60.000 Offset=-1.800
 Low Cal High Cal
 References 0.000 20.000
 Readings 0.001 1.240

2" Calibration: Gain=65.000 Offset=-1.500
 Low Cal High Cal
 References 0.000 20.000
 Readings 0.001 1.076

Gamma Ray Calibration Report

Serial Number: 110959
 Tool Model: OPEN_GR
 Performed: Fri Sep 28 21:57:34 2018

Calibrator Value: 1.0 GAPI

Background Reading: 0.0 cps
 Calibrator Reading: 1.0 cps

Sensitivity: 0.2300 GAPI/cps