

MICRO LOG

Company DOWNING-NELSON OIL CO., INC.
Well VELMA B #1-14
Field COTTON EAST
County TREGO State KANSAS

Location: API #: 15-195-23133-0000
1160' FSL & 1410' FEL
SEC 14 TWP 12S RGE 21W
Permanent Datum GROUND LEVEL Elevation 2310
Log Measured From KELLY BUSHING 8' A.G.L.
Drilling Measured From KELLY BUSHING
Other Services
CDL/CNL
DIL
Elevation
K.B. 2318
D.F. 2316
G.L. 2310

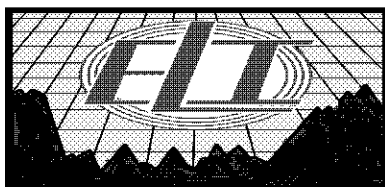
Date	2/12/22		
Run Number	TWO		
Depth Driller	4100		
Depth Logger	4098		
Bottom Logged Interval	4096		
Top Log Interval	3250		
Casing Driller	8 5/8" @ 223		
Casing Logger	223		
Bit Size	7 7/8		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 3000 PPM	
Density / Viscosity	9.3/56		
pH / Fluid Loss	10.5/8		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	.8@58F		
Rmf @ Meas. Temp	.6@58F		
Rmc @ Meas. Temp	.96@58F		
Source of Rmf / Rmc	MEASUREMENT		
Rm @ BHT	.4@117F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom	////		
Maximum Recorded Temperature	117F		
Equipment Number	3802		
Location	HAYS, KANSAS		
Recorded By	JASON CAPELLUCCI	TJ DREILING	
Witnessed By	MARC DOWNING		

<<< 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

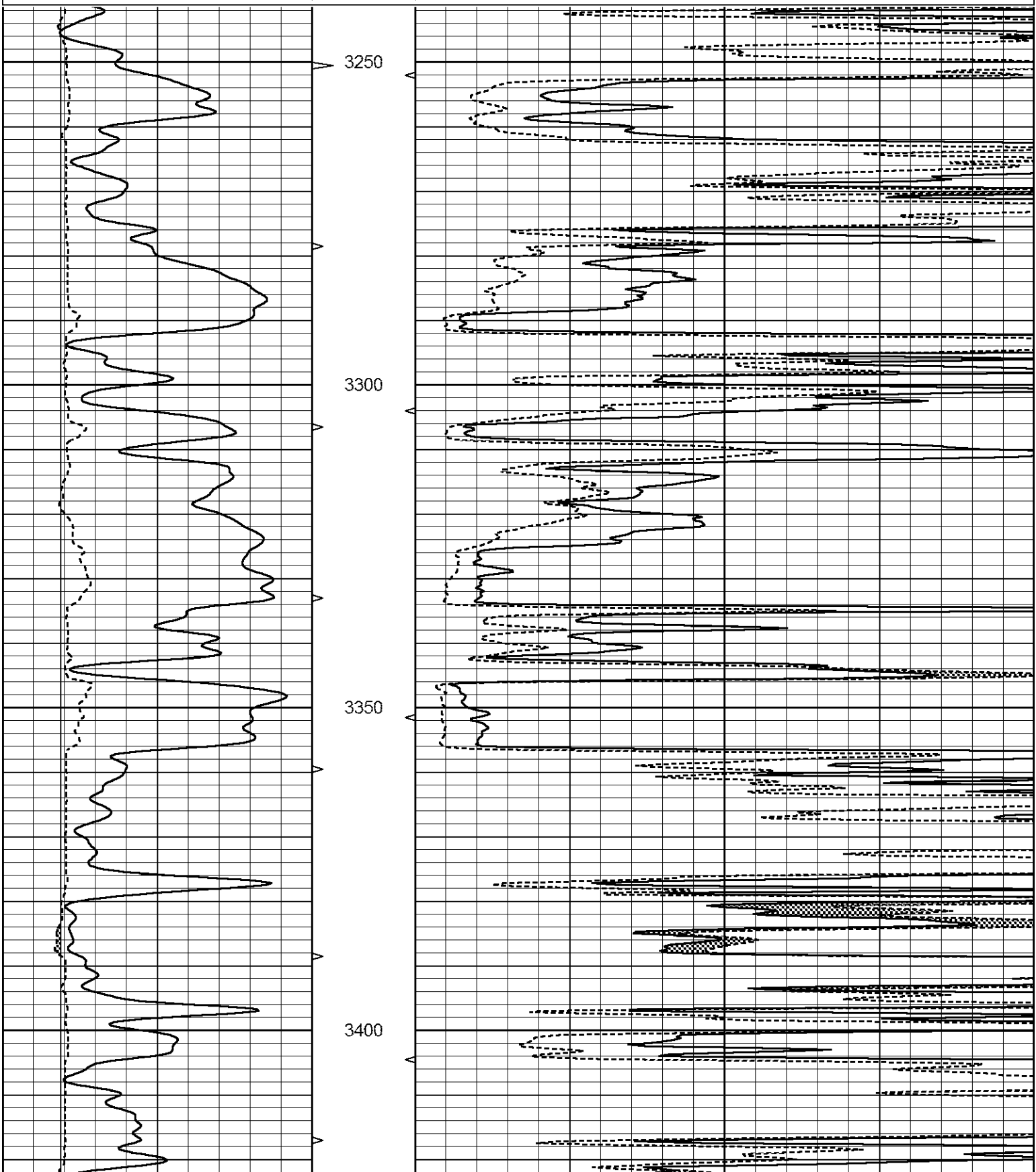
THANK YOU FOR USING ELI WIRELINE SERVICES, HAYS, KS. (785) 628-6395
DIRECTIONS
FROM ELLIS KANSAS, -NORTH TO LOCUS GROVE RD (FIRST CURVE),
-WEST 3 MILES TO 400 AVE, -NORTH 1 MILE TO RD "J"
WEST 1/4 MILE, -NORTH INTO

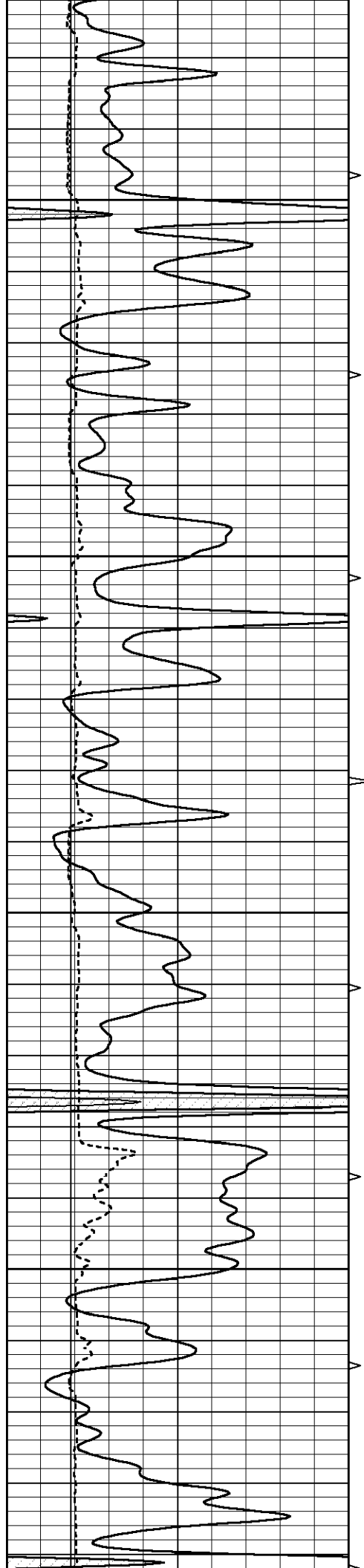


MAIN SECTION

Database File	6237ddn.db
Dataset Pathname	pass15.1
Presentation Format	_micro
Dataset Creation	Sat Feb 12 12:45:02 2022
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	MEL2.0 (Ohm-m)	40
			TBHV			
			0 (ft3)	10		



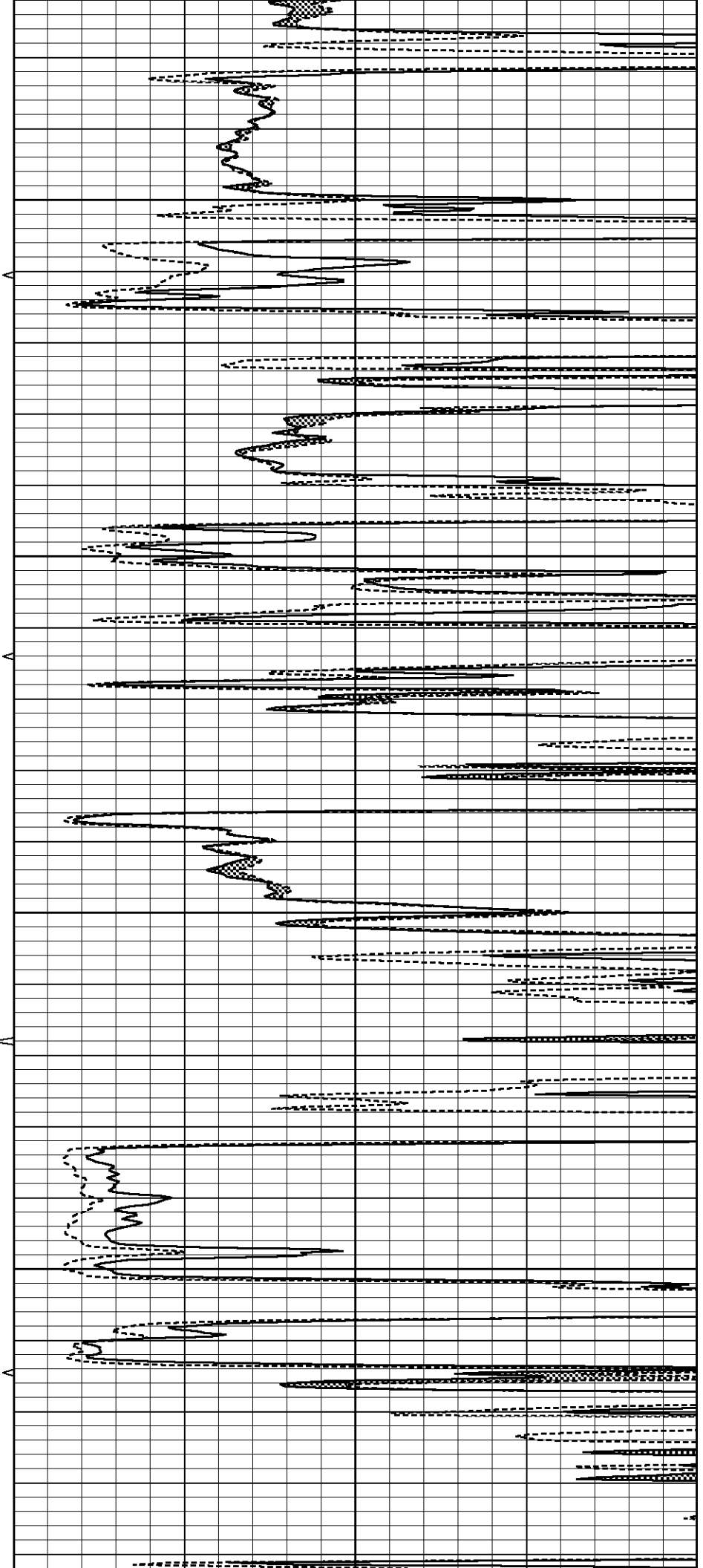


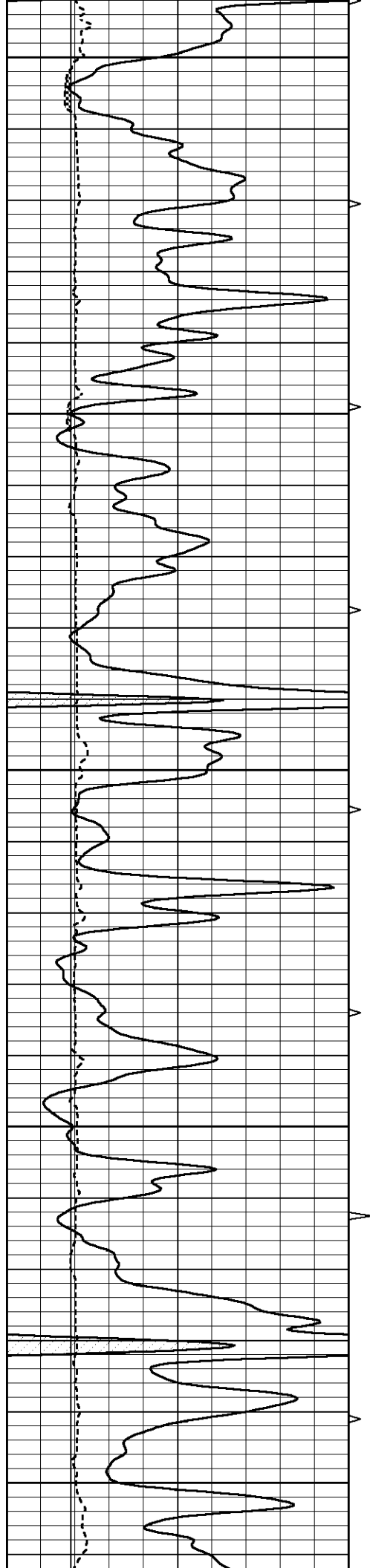
3450

3500

3550

3600





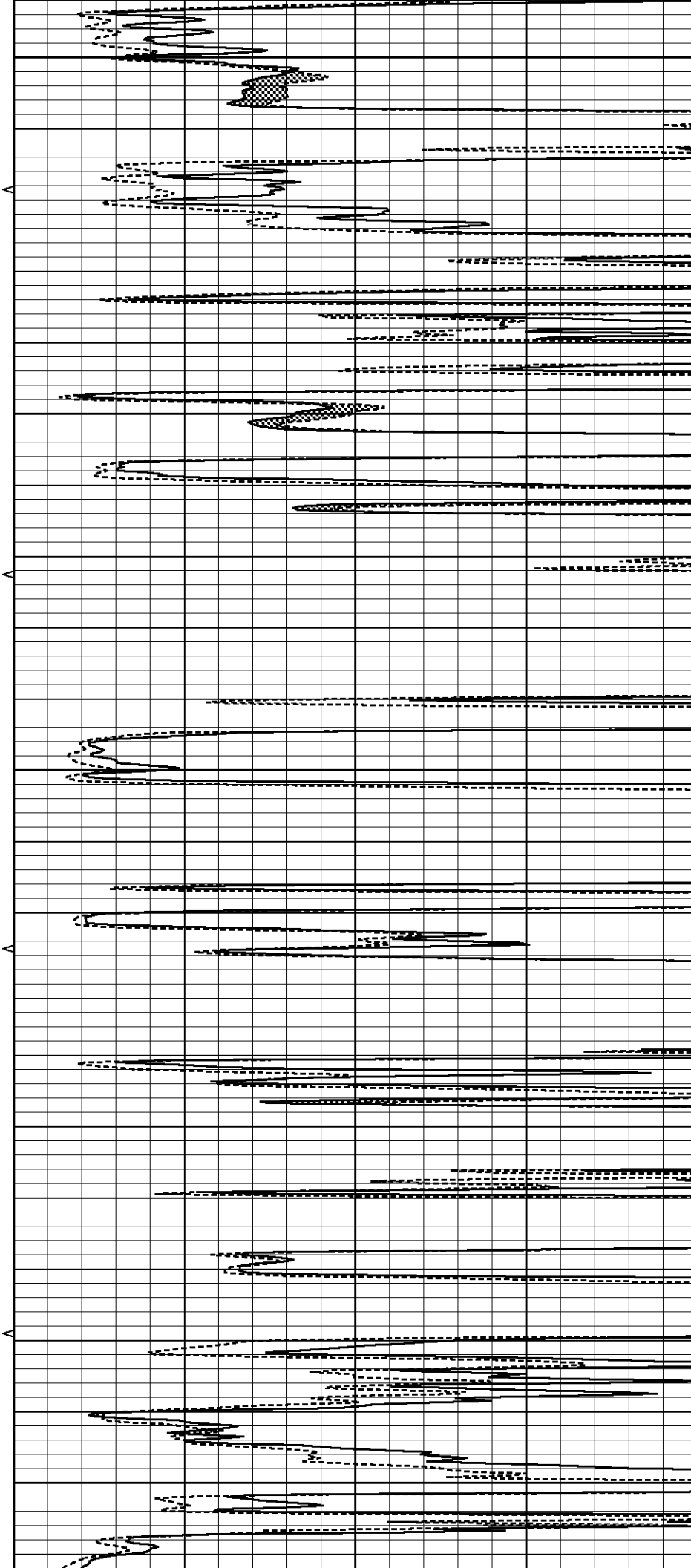
3650

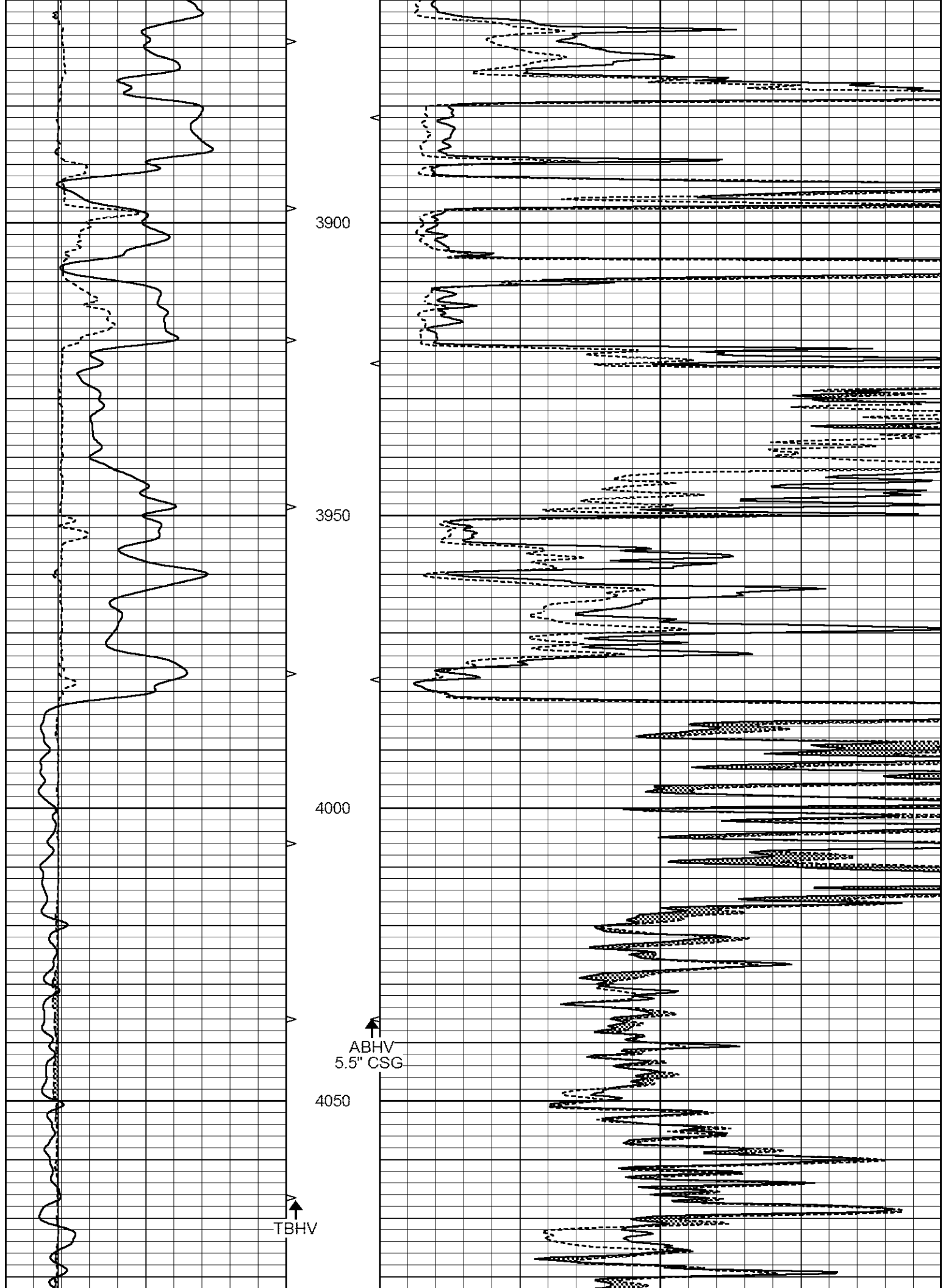
3700

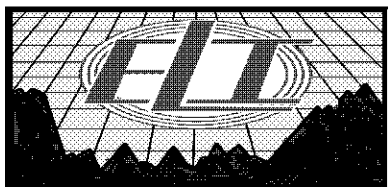
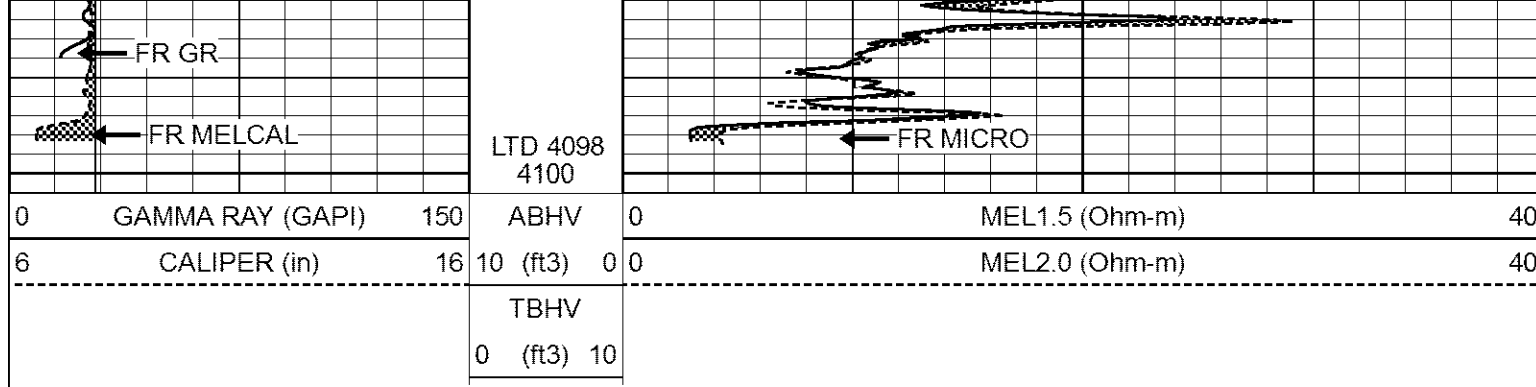
3750

3800

3850

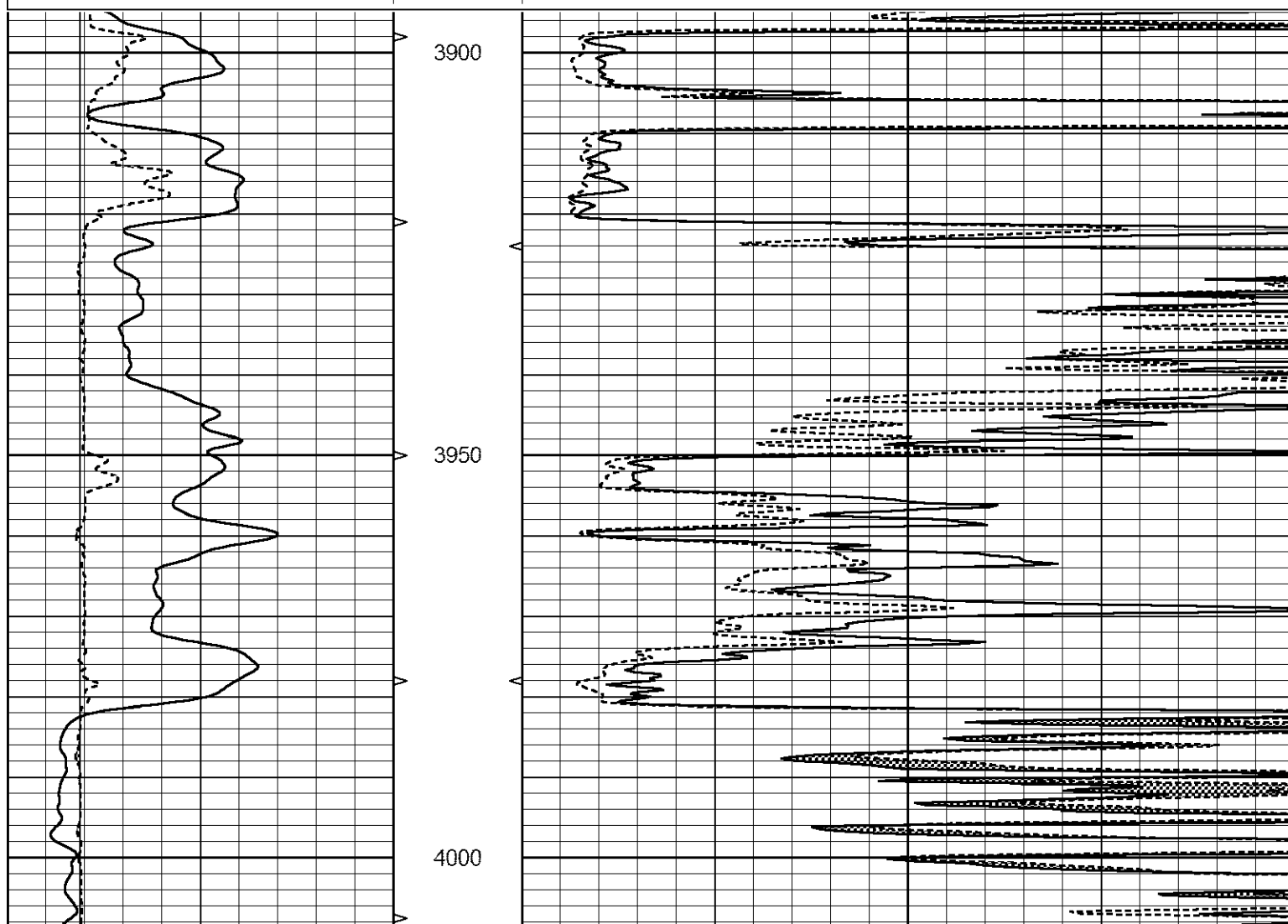
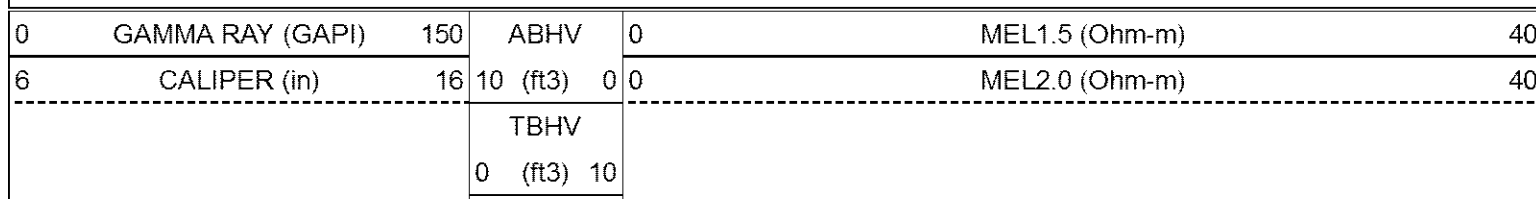


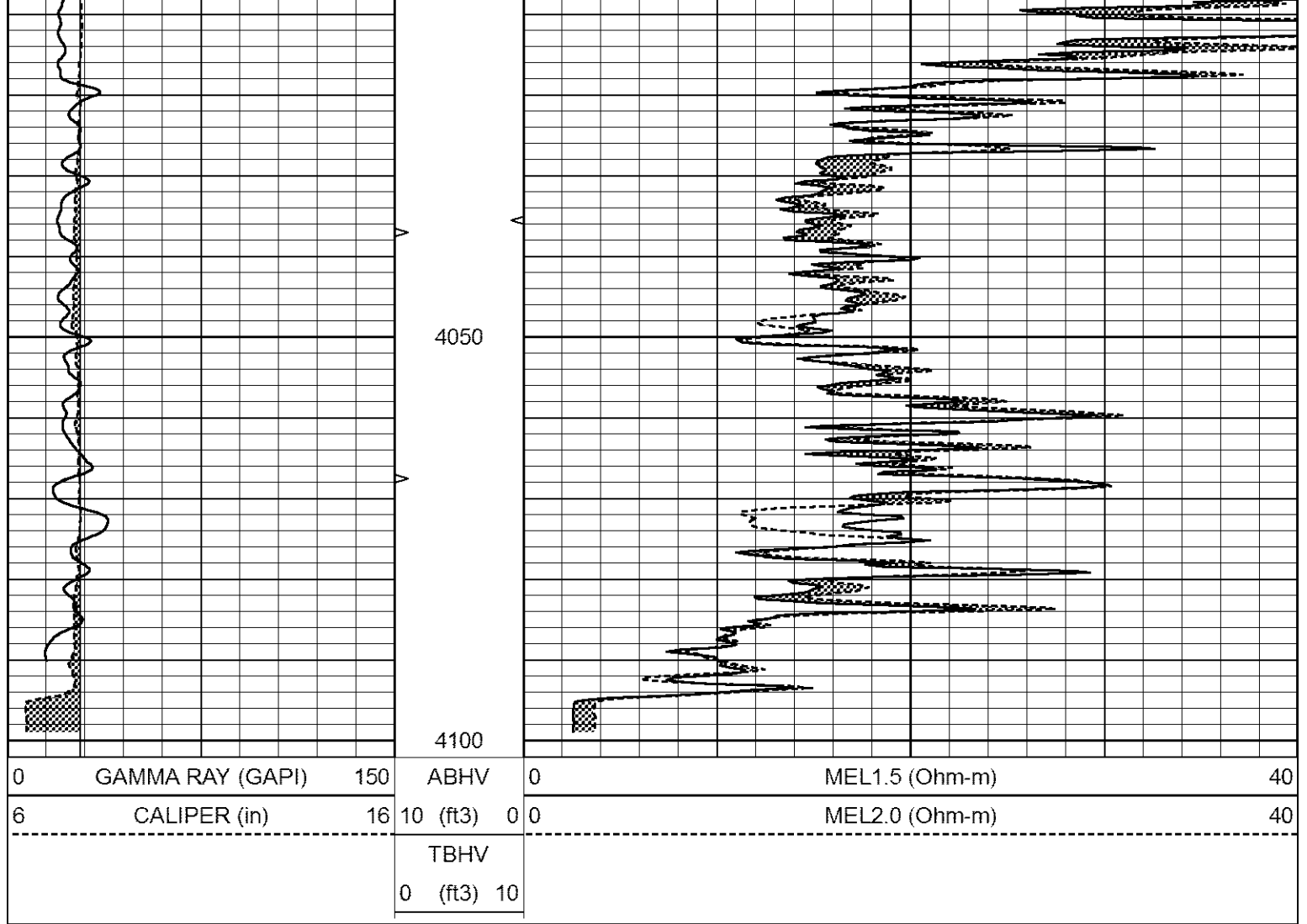




REPEAT SECTION

Database File 6237ddn.db
 Dataset Pathname pass14.1
 Presentation Format _micro
 Dataset Creation Sat Feb 12 12:37:31 2022
 Charted by Depth in Feet scaled 1:240





Calibration Report			
Database File	6237ddn.db		
Dataset Pathname	pass14.1		
Dataset Creation	Sat Feb 12 12:37:31 2022		
MICRO_USR Calibration Report			
Serial Number:	070911		
Tool Model:	ProbeL		
Performed:	Tue Dec 21 16:59:08 2021		
Caliper Calibration:	Gain=3.755	Offset=1.950	
References	Low Cal	High Cal	
Readings	8.000	14.000	
	1.451	3.049	
1.5" Calibration:	Gain=60.000	Offset=-0.700	
References	Low Cal	High Cal	
Readings	0.000	20.000	
	0.004	0.843	
2" Calibration:	Gain=50.000	Offset=-0.650	
References	Low Cal	High Cal	
Readings	0.000	20.000	
	0.021	0.810	
Microlog Calibration Report			

Serial-Model:
Performed:

070911-ProbeL
Sat Apr 11 01:13:01 2015

Readings				References			Results	
	Zero	Cal		Zero	Cal		m	b
Normal	0.0002	0.4836	V	0.0000	10.0000	Ohm-m	20.6908	-0.0051
Inverse	0.0018	0.6297	V	0.0000	10.0000	Ohm-m	15.9263	-0.0282
Caliper	0.0000	1.0000	V	0.0000	1.0000	in	1.0000	0.0000

Gamma Ray Calibration Report

Serial Number:	070558	
Tool Model:	Probe1	
Performed:	Fri Oct 30 21:32:56 2020	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	0.2700	GAPI/cps