



MICRO LOG

Company	H & B PETROLEUM CORPORATION	Company	H & B PETROLEUM CORPORATION
Well	WELLMAN #1	Well	WELLMAN #1
Field	RINO	Field	RINO
County	RICE	County	RICE
State	KANSAS	State	KANSAS
Location:	API # : 15-159-22841-0000 537' FSL & 1901' FWL NE-SW-SE-SW	Permanent Datum Log Measured From Drilling Measured From	GROUND LEVEL Elevation 1697 KELLY BUSHING 9' A.G.L KELLY BUSHING
	SEC 33 TWP 21S RGE 9W		Elevation K.B. 1706 D.F. 1704 G.L. 1697
Date	4/28/17		
Run Number	TWO		
Depth Driller	3600		
Depth Logger	3698		
Bottom Logged Interval	3680		
Top Log Interval	2700		
Casing Driller	8 5/8" @ 351'		
Casing Logger	350		
Bit Size	7 7/8		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 6000 PPM	
Density / Viscosity	9.5/48		
pH / Fluid Loss	9.5/9.6		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	0.65 @ 89F		
Rmf @ Meas. Temp	0.48 @ 89F		
Rmc @ Meas. Temp	0.78 @ 89F		
Source of Rmf / Rmc	MEASUREMENT		
Rm @ BHT	0.51 @ 112F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom			
Maximum Recorded Temperature	112F		
Equipment Number	3802		
Location	HAYS, KANSAS		
Recorded By	JASON CAPELLUCCI		
Witnessed By	WYATT URBAN		

<<< 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

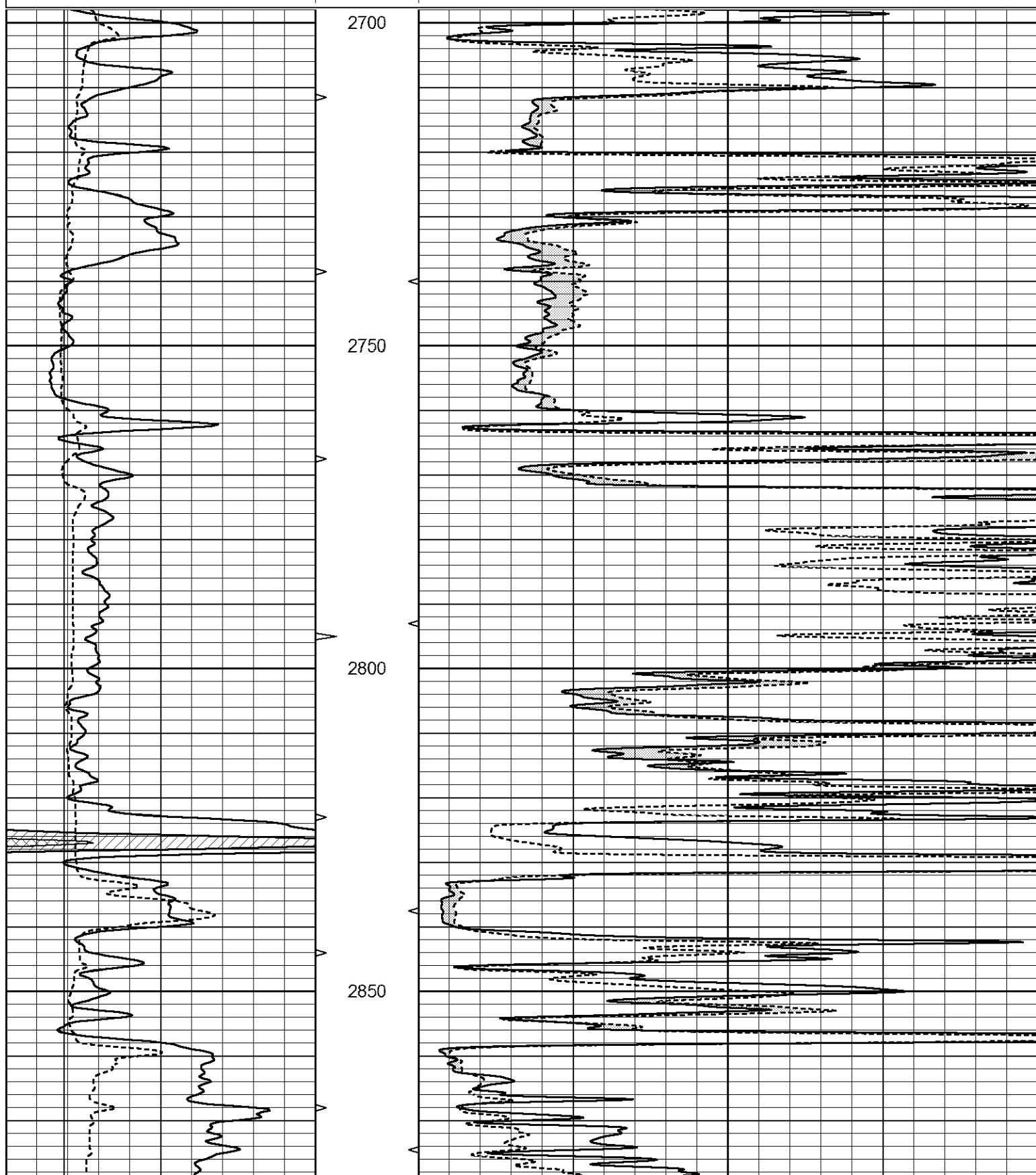
THANK YOU FOR USING ELI WIRELINE SERVICES, HAYS, KS. (785) 628-6395
DIRECTIONS
CHASE, KS. - SOUTH TO ALDEN KS. - SOUTH THRU 3 SETS OF CURVES
2 MORE SOUTH TO Y AVE. - 1/2 EAST - NORTH INTO

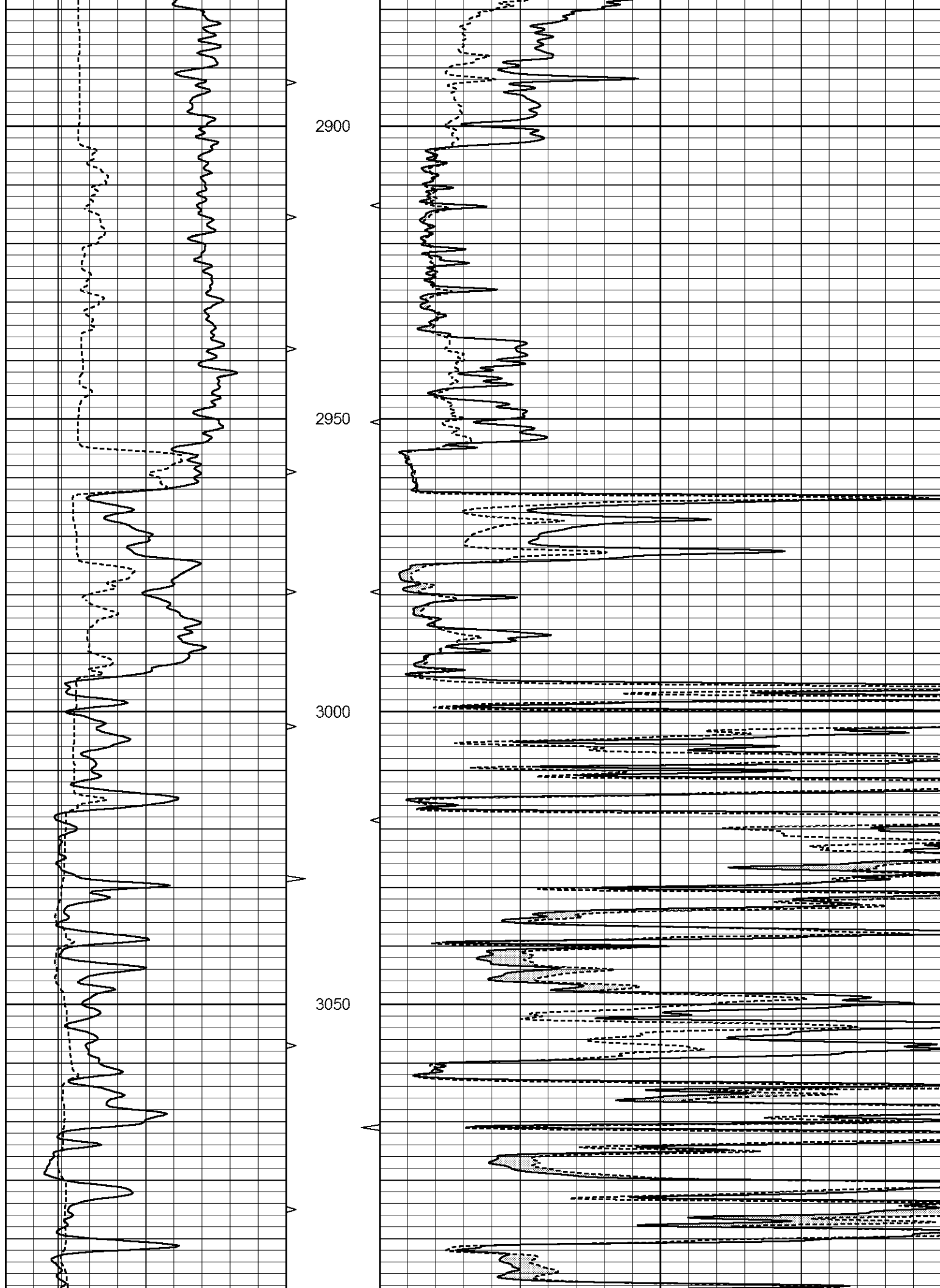


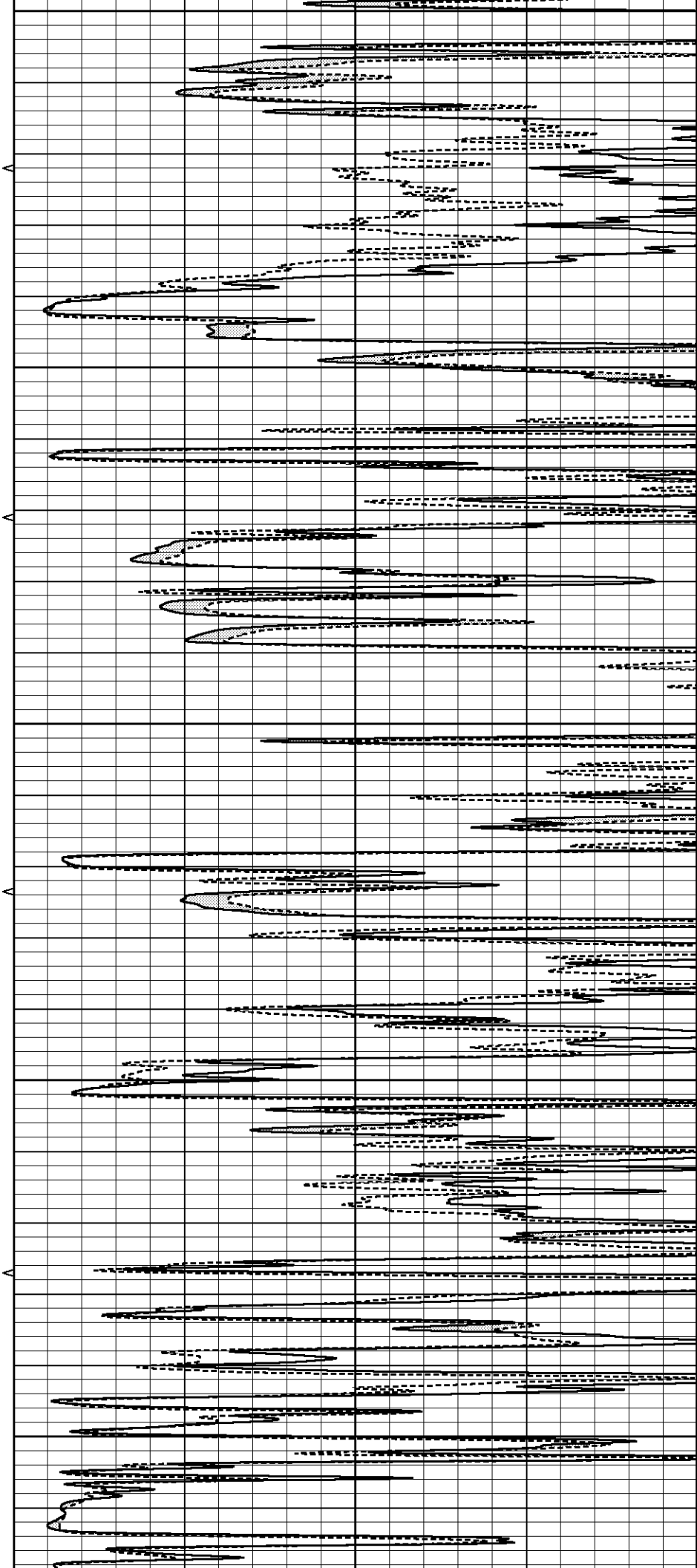
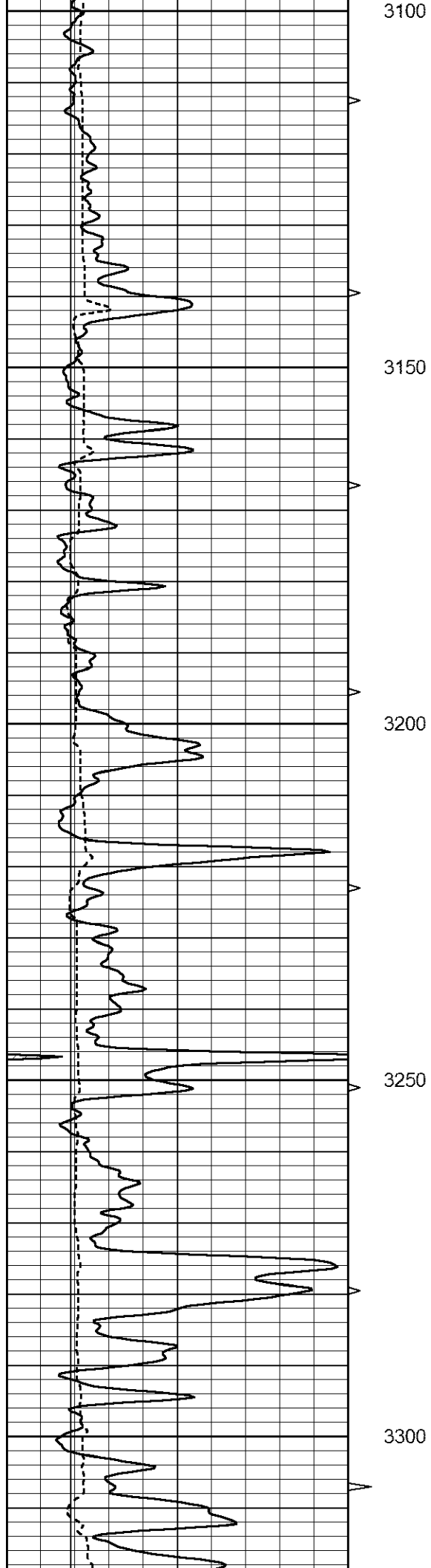
MAIN SECTION

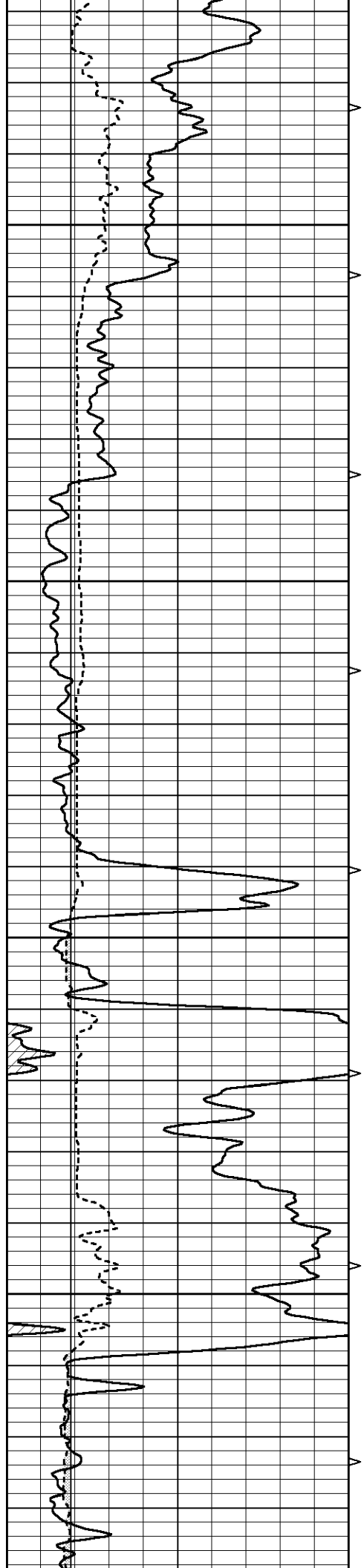
Database File	1138ddn8.db
Dataset Pathname	pass7.1
Presentation Format	_micro
Dataset Creation	Fri Apr 28 16:29:15 2017
Charted by	Depth in Feet scaled 1:240

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









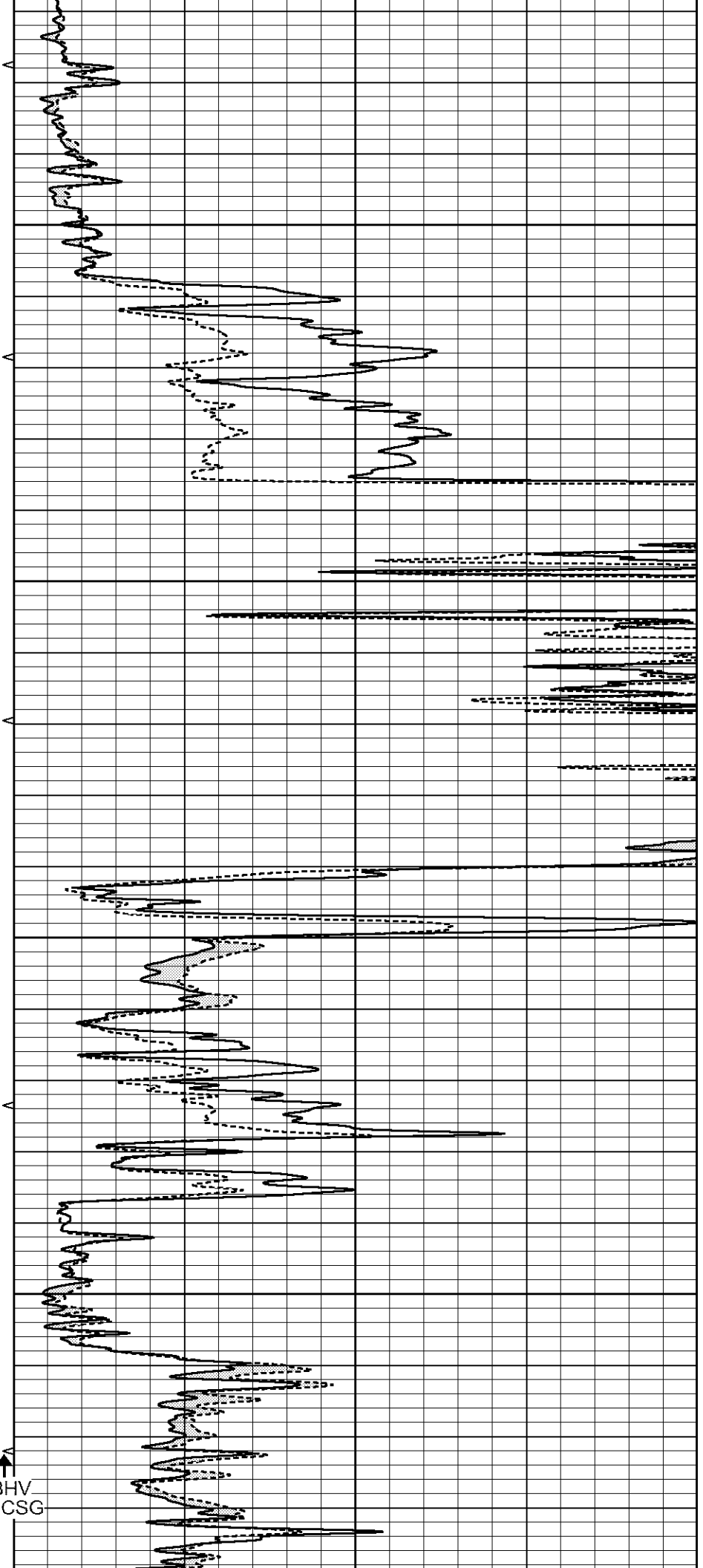
3350

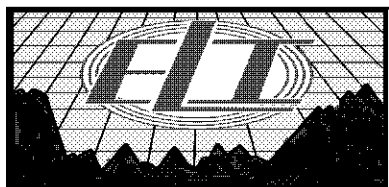
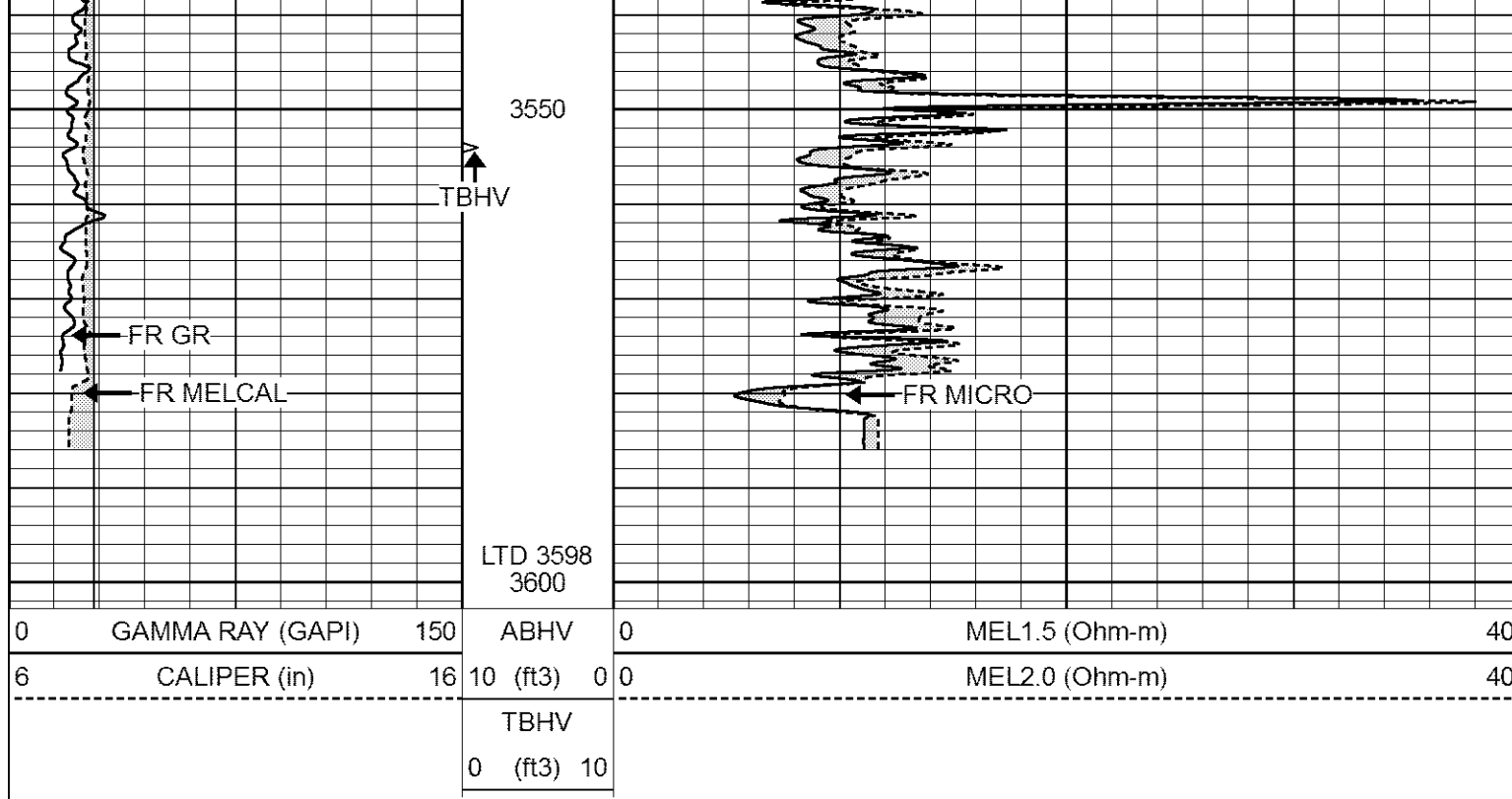
3400

3450

3500

ABHV
5.5" CSG

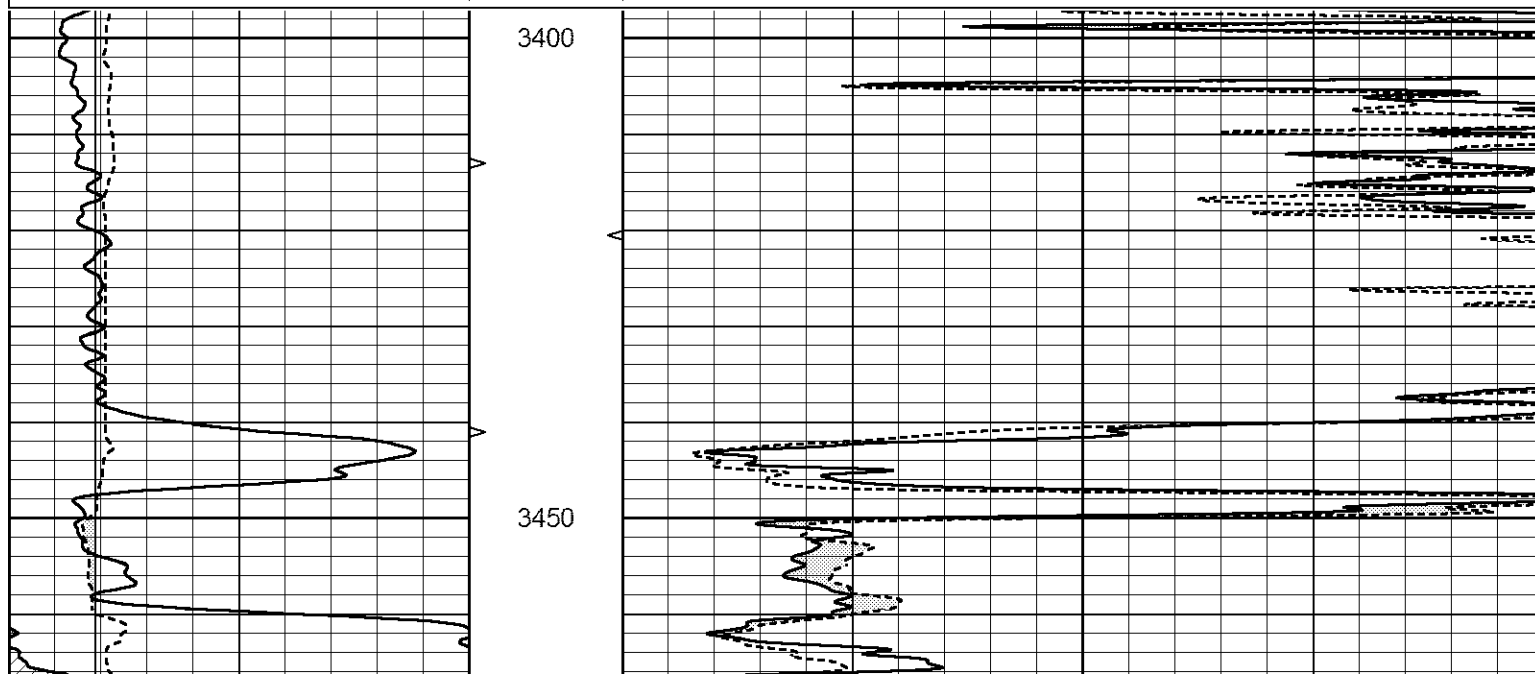


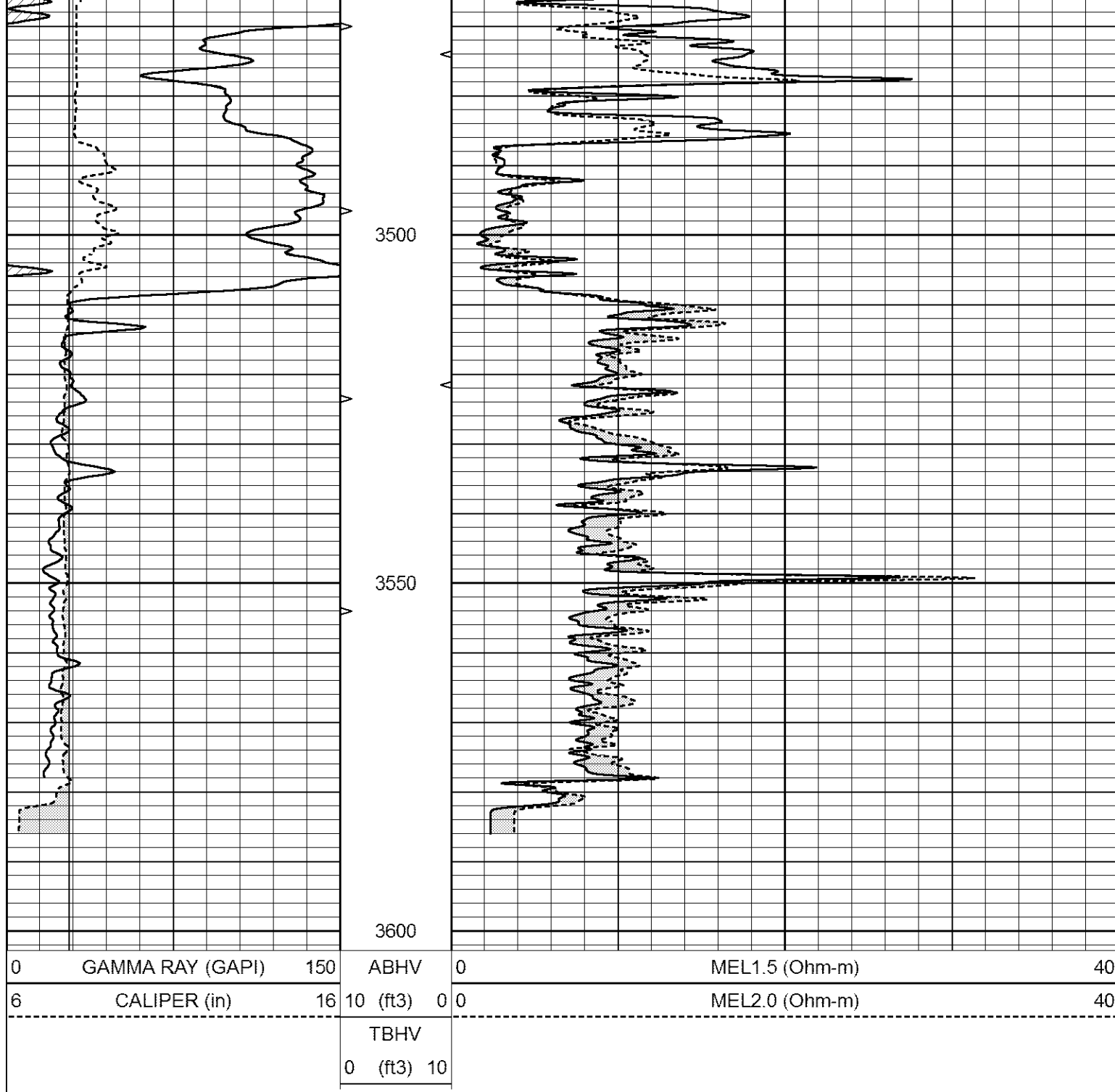


REPEAT SECTION

Database File 1138ddn8.db
 Dataset Pathname pass6.1
 Presentation Format _micro
 Dataset Creation Fri Apr 28 16:15:24 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	0	MEL2.0 (Ohm-m)	40
			TBHV			
			0 (ft3) 10			





Calibration Report

Database File 1138ddn8.db
 Dataset Pathname pass6.1
 Dataset Creation Fri Apr 28 16:15:24 2017

MICRO_USR Calibration Report

Serial Number:	070911	
Tool Model:	ProbeL	
Performed:	Thu Dec 08 13:09:11 2016	
Caliper Calibration:	Gain=4.161	Offset=1.500
References	Low Cal	High Cal
Readings	8.000	14.000
	1.333	2.775

1.5" Calibration:			Gain=37.000		Offset=0.000			
References			Low Cal		High Cal			
Readings			0.000		20.000			
			0.004		0.843			
2" Calibration:			Gain=35.000		Offset=0.650			
References			Low Cal		High Cal			
Readings			0.000		20.000			
			0.021		0.810			
Microlog Calibration Report								
Serial-Model:			070911-ProbeL					
Performed:			Sat Apr 11 01:13:01 2015					
			Readings		References		Results	
			Zero		Zero		m	b
			Cal		Cal			
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:			7					
Tool Model:			Probe1					
Performed:			Wed Jun 29 11:10:58 2016					
Calibrator Value:			1.0		GAPI			
Background Reading:			0.0		cps			
Calibrator Reading:			1.0		cps			
Sensitivity:			0.4300		GAPI/cps			