



NABORS

**COMPLETION
& PRODUCTION
SERVICES CO.**

MICRO LOG

Company		DOWNING-NELSON OIL CO INC.	
Well	CARL QUINT #1-3		
Field	WILDCAT		
County	GRAHAM	State	KANSAS
Location:	API # : 15-065-23915-00-00		Other Services CNL/CDL DIL/SONIC
Permanent Datum Log Measured From Drilling Measured From		GROUND LEVEL Elevation KELLY BUSHING 8' A.G.L. KELLY BUSHING	
SEC 3 TWP 9S RGE 23W		Elevation K.B. 2206 D.F. 2204 G.L. 2198	
Date	4/9/13		
Run Number	TWO		
Depth Driller	3788		
Depth Logger	3789		
Bottom Logged Interval	3772		
Top Log Interval	3000		
Casing Driller	8 5/8" @ 218		
Casing Logger	216		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 2,000 PPM	
Density / Viscosity	9.1/58		
pH / Fluid Loss	9.5/8.0		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	0.85 @ 79F		
Rmt @ Meas. Temp	0.64 @ 79F		
Rmc @ Meas. Temp	1.02 @ 79F		
Source of Rmt / Rmc	MEASUREMENT		
Rm @ BHT	0.59 @ 114F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom			
Maximum Recorded Temperature	114F		
Equipment Number	4010		
Location	HAYS, KANSAS		
Recorded By	IAN MABB		
Witnessed By	RON NELSON		

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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.

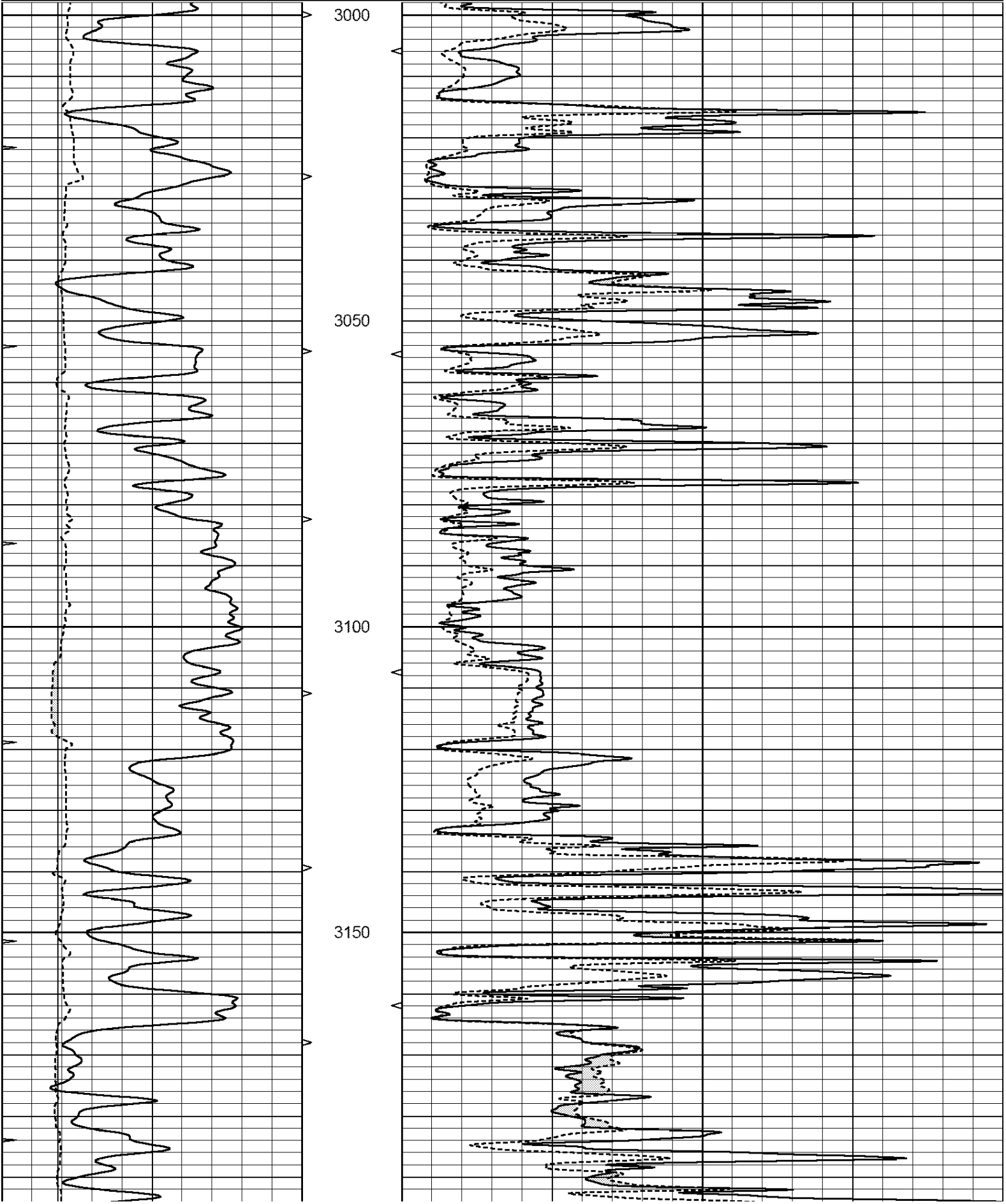
Comments

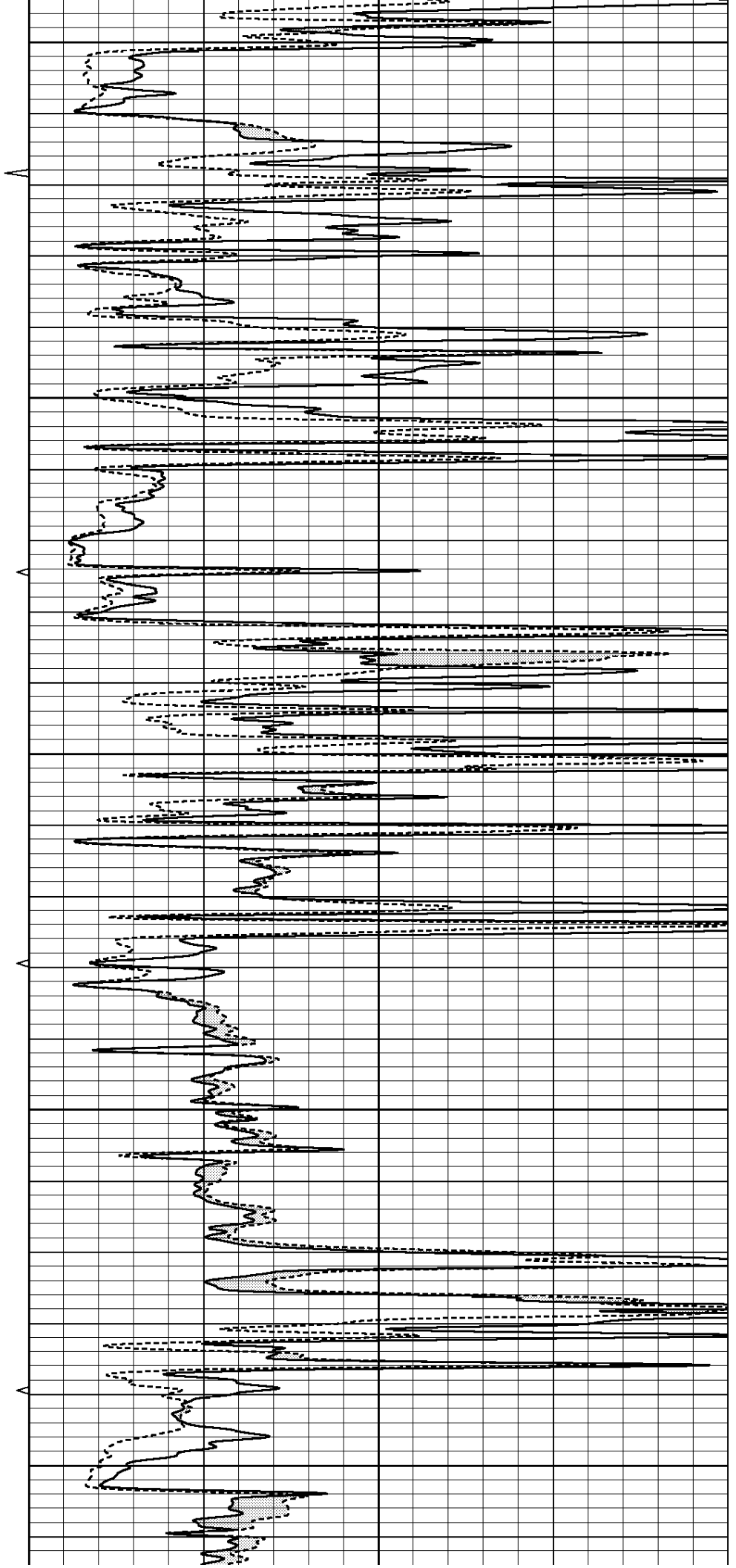
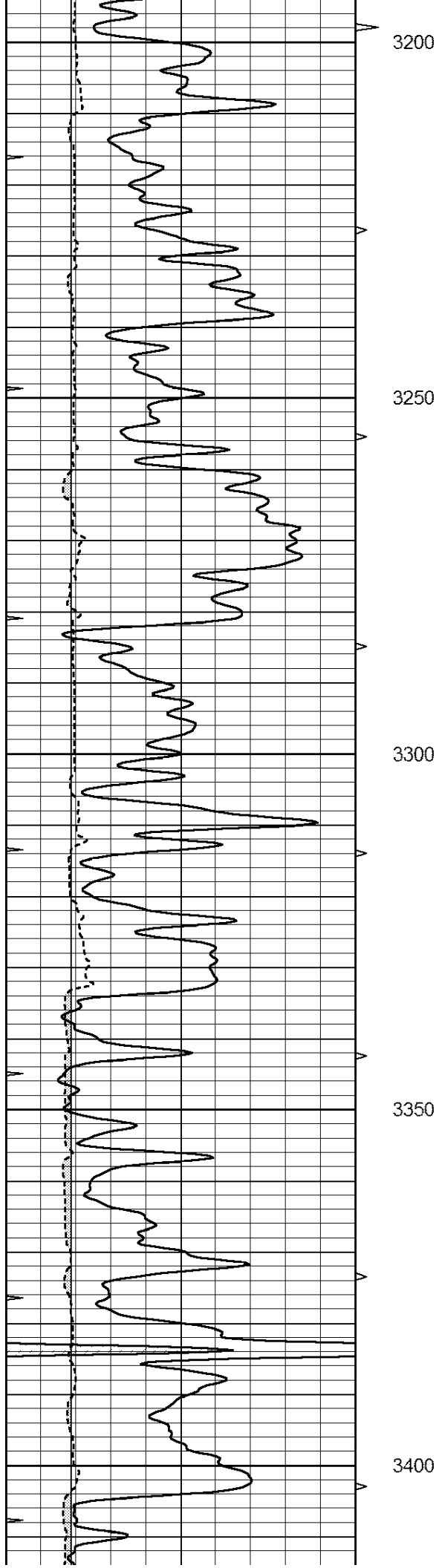
THANK YOU FOR USING NABORS, HAYS, KS. (785) 628-6395
DIRECTIONS:

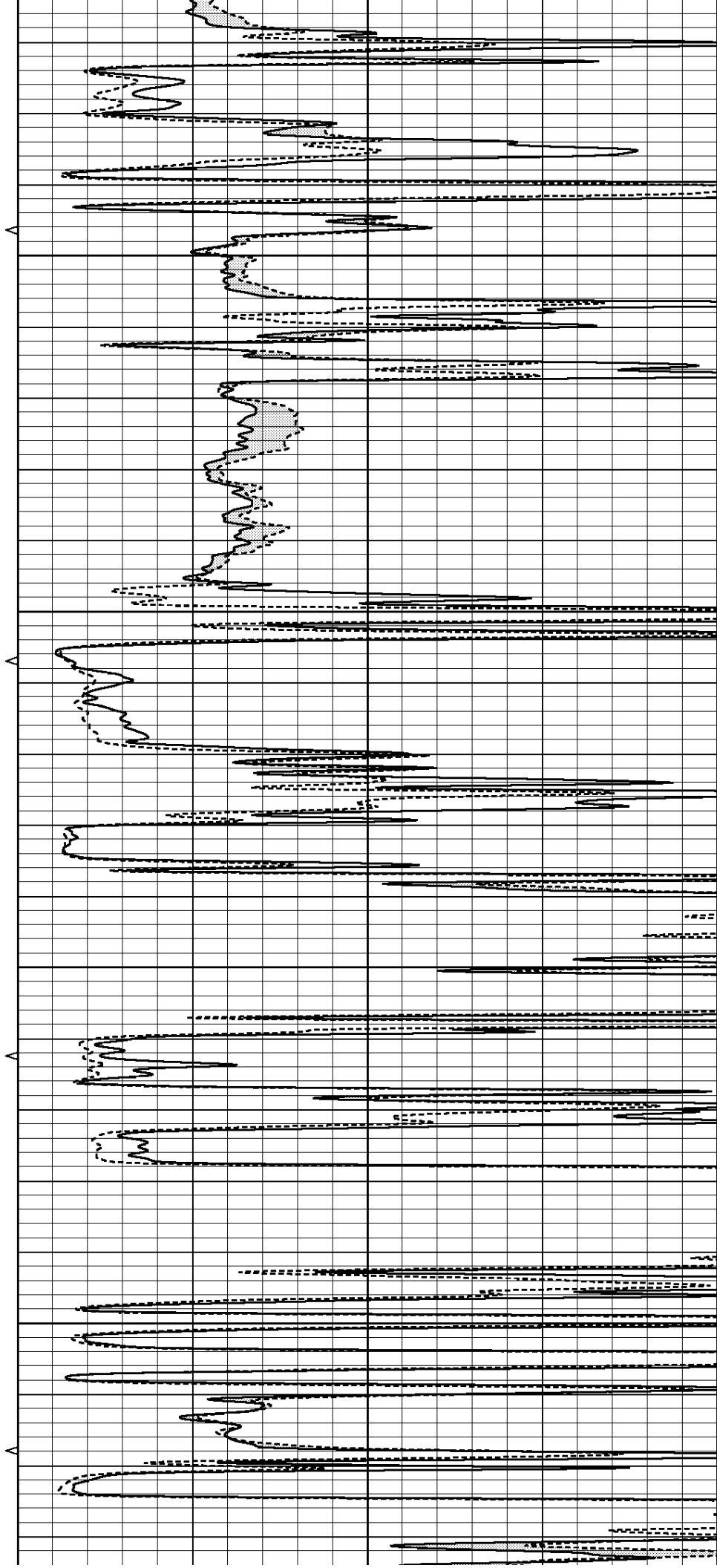
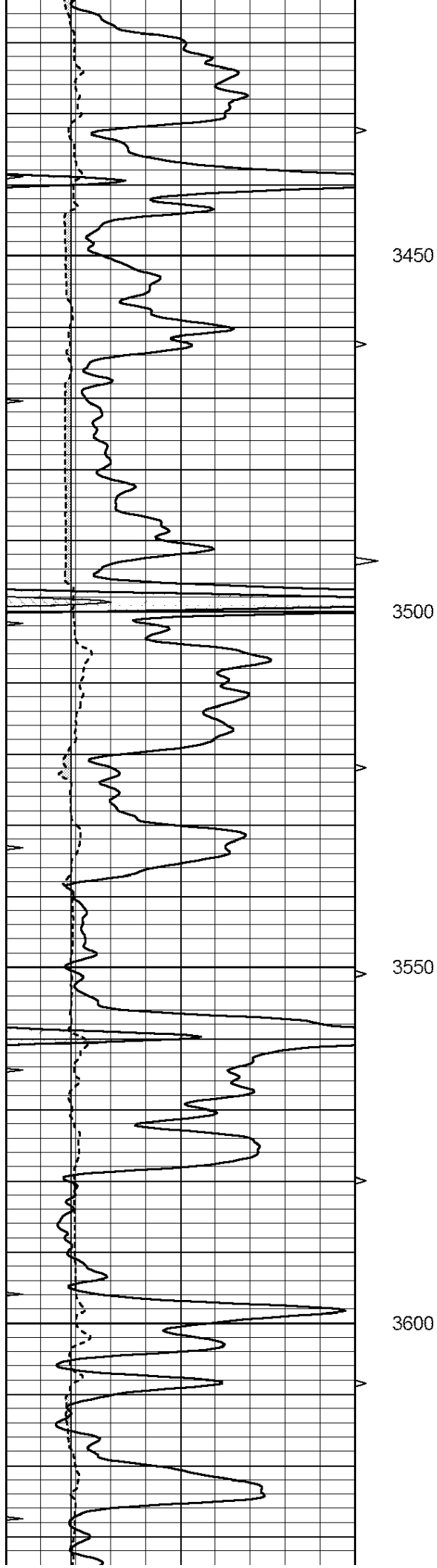
WAKEENEY, KS. - 21 MILES NORTH TO RD. M -1 WEST TO THE BEND SOUTH 1/2 MILE - WEST INTO

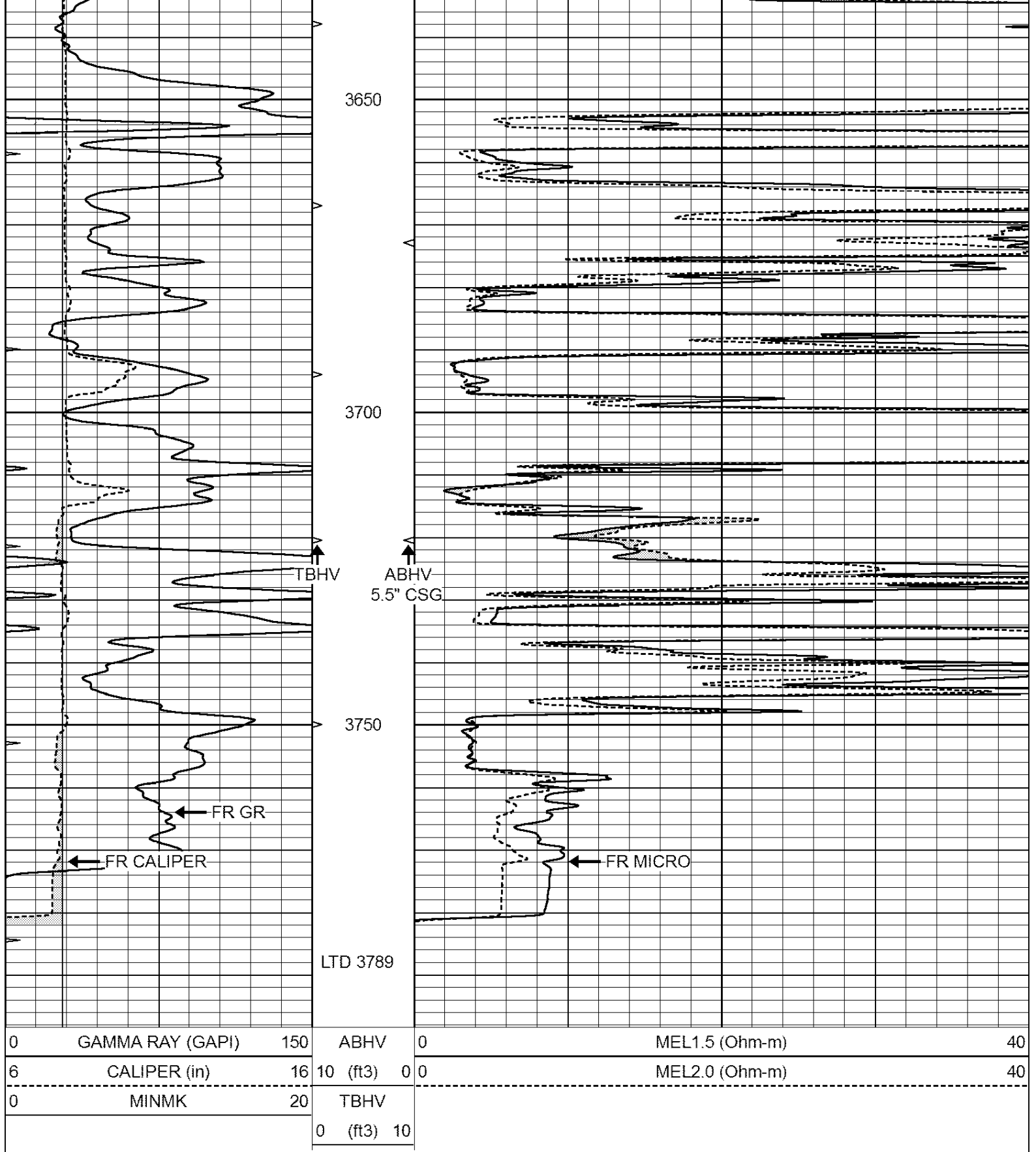
Charted by: _____			Depth in Feet scaled 1:2.10			
0	GAMMA RAY (GAPI)	150	ABHV	0	MEL1.5 (Ohm-m)	40
6	CALIPER (in)	16		0	MEL2.0 (Ohm-m)	40

0	MINMK	20	TBHV			
			0 (ft3) 10			

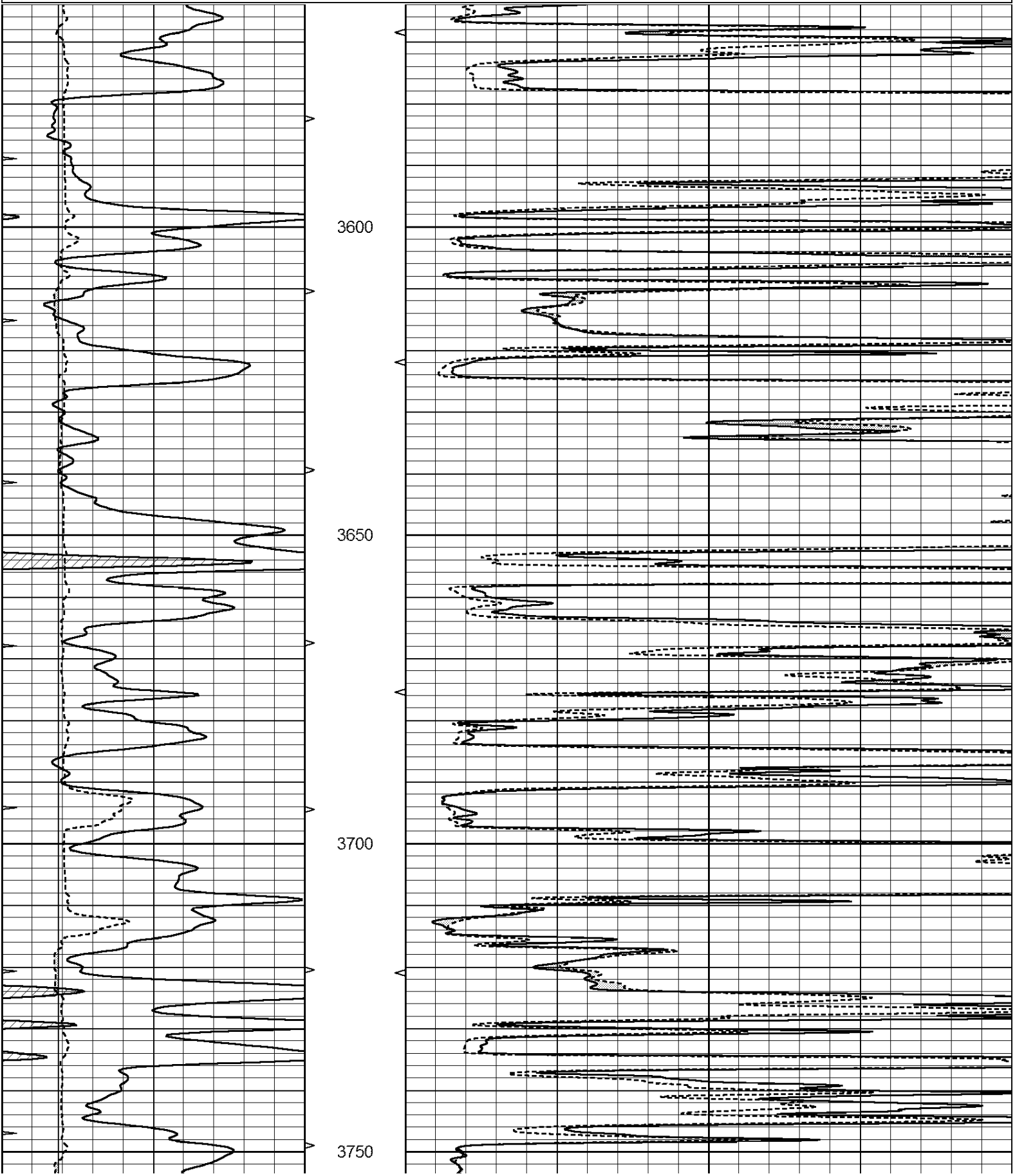


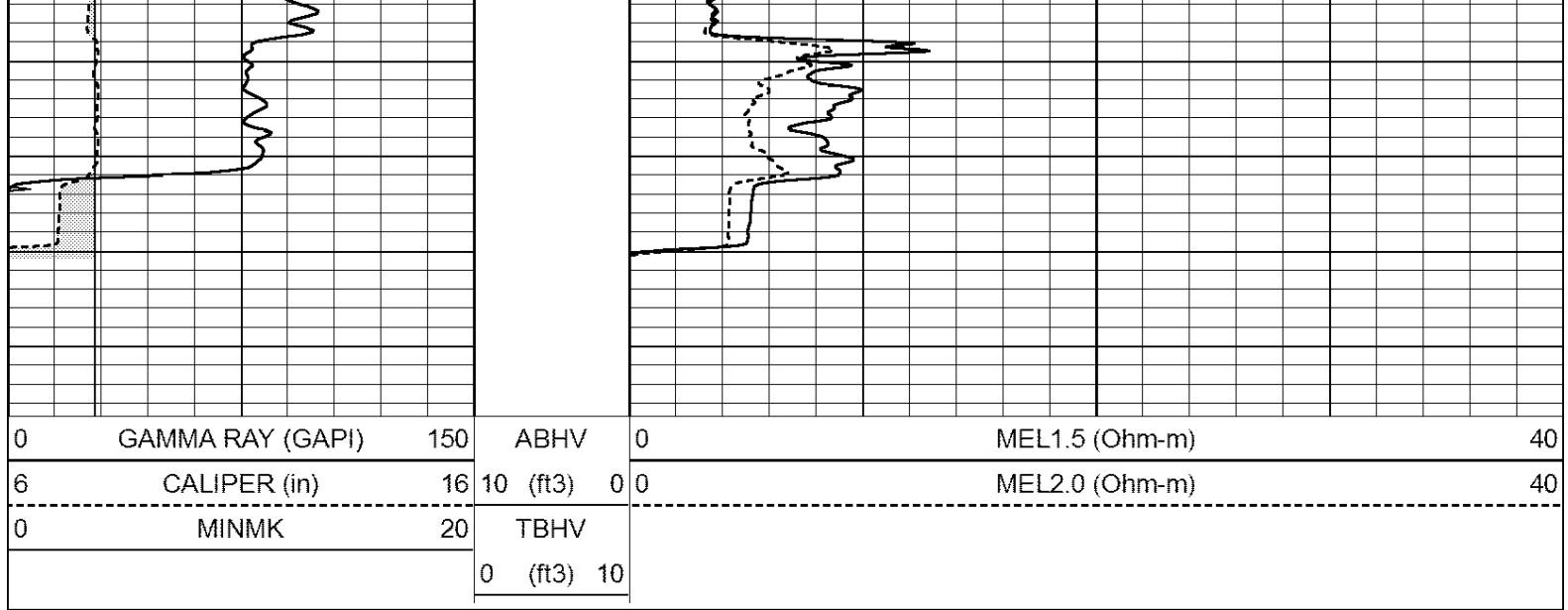






0	GAMMA RAY (GAPI)	150	ABHV	0	MEL1.5 (Ohm-m)	40
6	CALIPER (in)	16	10 (ft3)	0 0	MEL2.0 (Ohm-m)	40
0	MINMK	20	TBHV			
			0 (ft3)	10		





Calibration Report			
Database File:	010868ddn.db		
Dataset Pathname:	pass10.2		
Dataset Creation:	Tue Apr 09 15:07:39 2013 by Calc Open-Cased 090629		
MICRO Calibration Report			
Serial Number:	MICRO6		
Tool Model:	PROBE		
Performed:	Tue Jan 15 17:57:23 2013		
Caliper Calibration:	Gain=5.542	Offset=-1.220	
	Low Cal	High Cal	
References	8.000	14.000	
Readings	1.431	2.513	
1.5" Calibration:	Gain=45.075	Offset=-0.700	
	Low Cal	High Cal	
References	0.000	20.000	
Readings	0.004	1.196	
2" Calibration:	Gain=38.041	Offset=0.000	
	Low Cal	High Cal	
References	0.000	20.000	
Readings	0.006	0.913	
Gamma Ray Calibration Report			
Serial Number:	#8		
Tool Model:	OPEN		
Performed:	Mon Jun 13 16:56:43 2011		
Calibrator Value:	150.0	GAPI	
Background Reading:	0.0	cps	
Calibrator Reading:	175.0	cps	
Sensitivity:	0.8371	GAPI/cps	