



**COMPLETION
& PRODUCTION
SERVICES CO.**

**MICRO
LOG**

Company		MULL DRILLING COMPANY, INC.	
Well		#1-3 GLASIR UNIT	
Field		WILDCAT	
County		SCOTT	
State		KANSAS	
Location:		API # : 15-171-20934-00-00	
Permanent Datum		GROUND LEVEL	
Log Measured From		110' FSL & 2530' FWL	
Drilling Measured From		SE - SE - SE-SW	
SEC 3		TWP 16S	
RGE		32W	
Elevation		2994	
K.B. 2989		D.F. 2987	
G.L. 2994			
Date		3/19/13	
Run Number		TWO	
Depth Driller		4740	
Depth Logger		4740	
Bottom Logged Interval		4710	
Top Log Interval		3800	
Casing Driller		8 5/8"@222'	
Casing Logger		220	
Bit Size		7 7/8"	
Type Fluid in Hole		CHEMICAL MUD	
Density / Viscosity		9.3/55	
pH / Fluid Loss		10.5/4.8	
Source of Sample		FLOWLINE	
Rim @ Meas. Temp		.95@72F	
Rmf @ Meas. Temp		.71@72F	
Rmc @ Meas. Temp		1.14@72F	
Source of Rmf / Rmc		MEASUREMENT	
Rim @ BHT		.56@123F	
Time Circulation Stopped		2.5 HOURS	
Time Logger on Bottom		123F	
Maximum Recorded Temperature		4854	
Equipment Number		HAYS, KANSAS	
Location		IAN MABB	
Recorded By		KEVIN KESSLER	
Witnessed By			

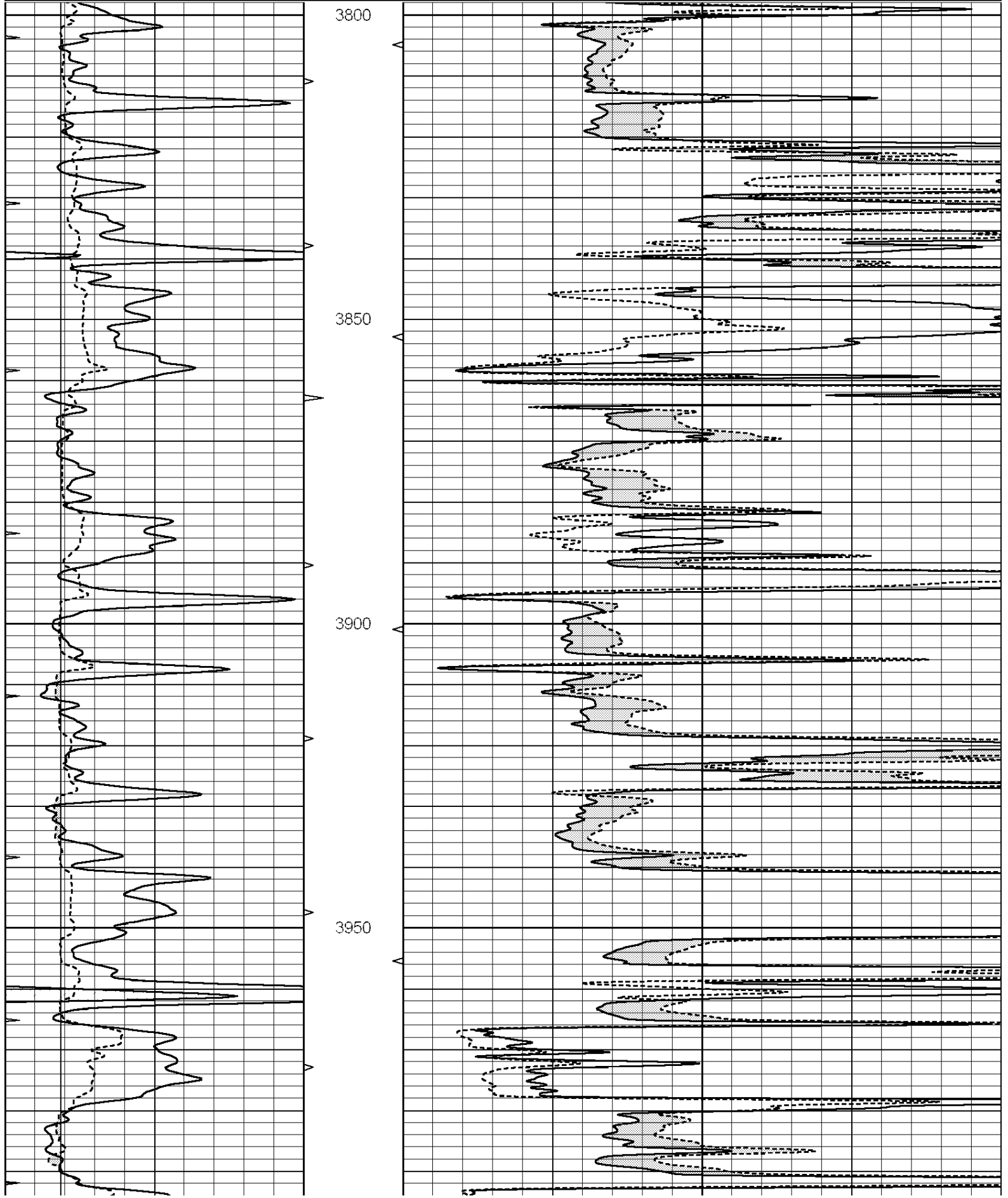
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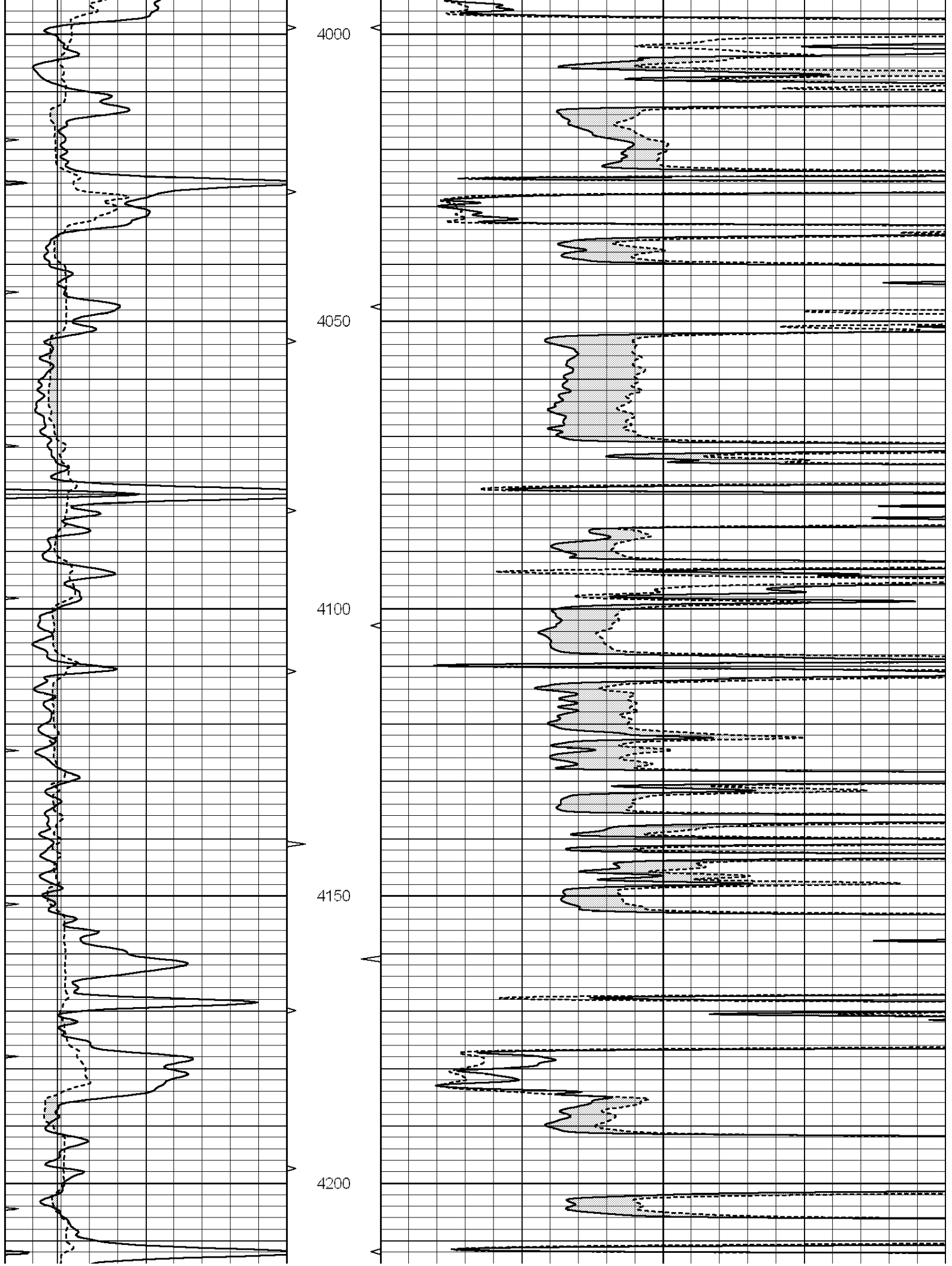
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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.

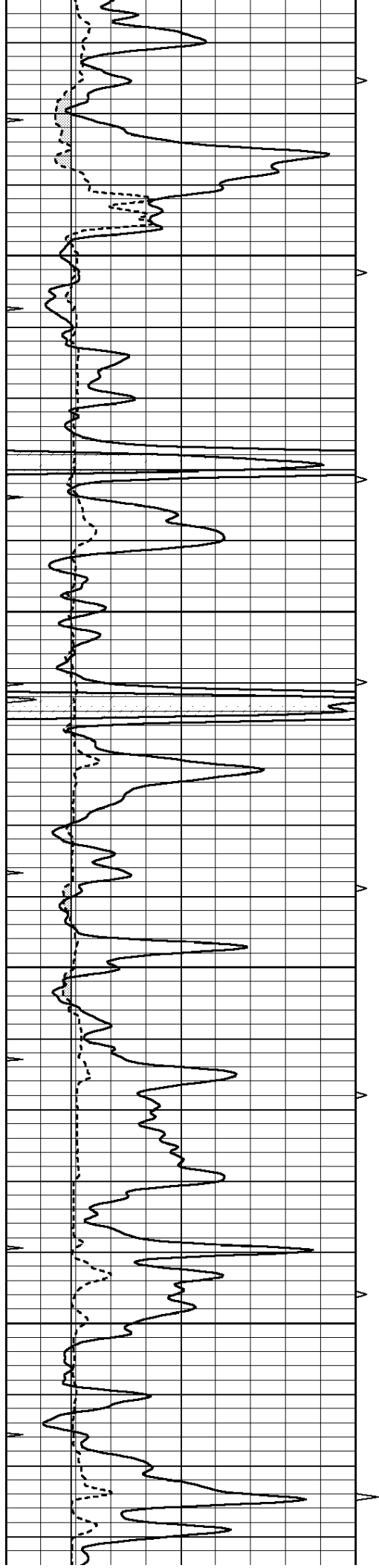
Comments

THANK YOU FOR USING "NABORS" HAYS, KANSAS (785) 628-6395
DIRECTIONS
SCOTT CITY, KS. - 15 MILES NORTH TO RD 290 - 1 1/2 MILES EAST - NORTH INTO

Charted by: _____		Depth in Feet scaled 1:2.15				
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		





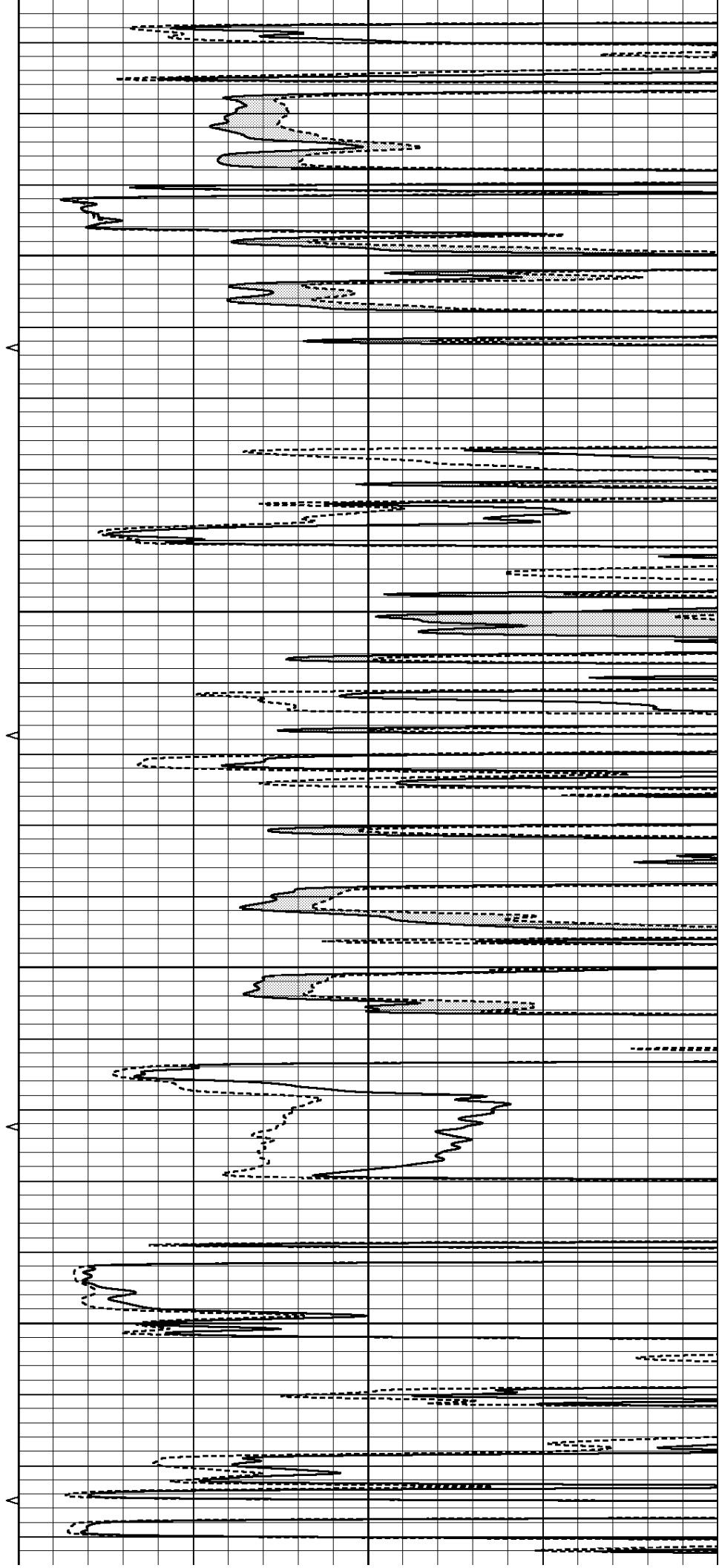


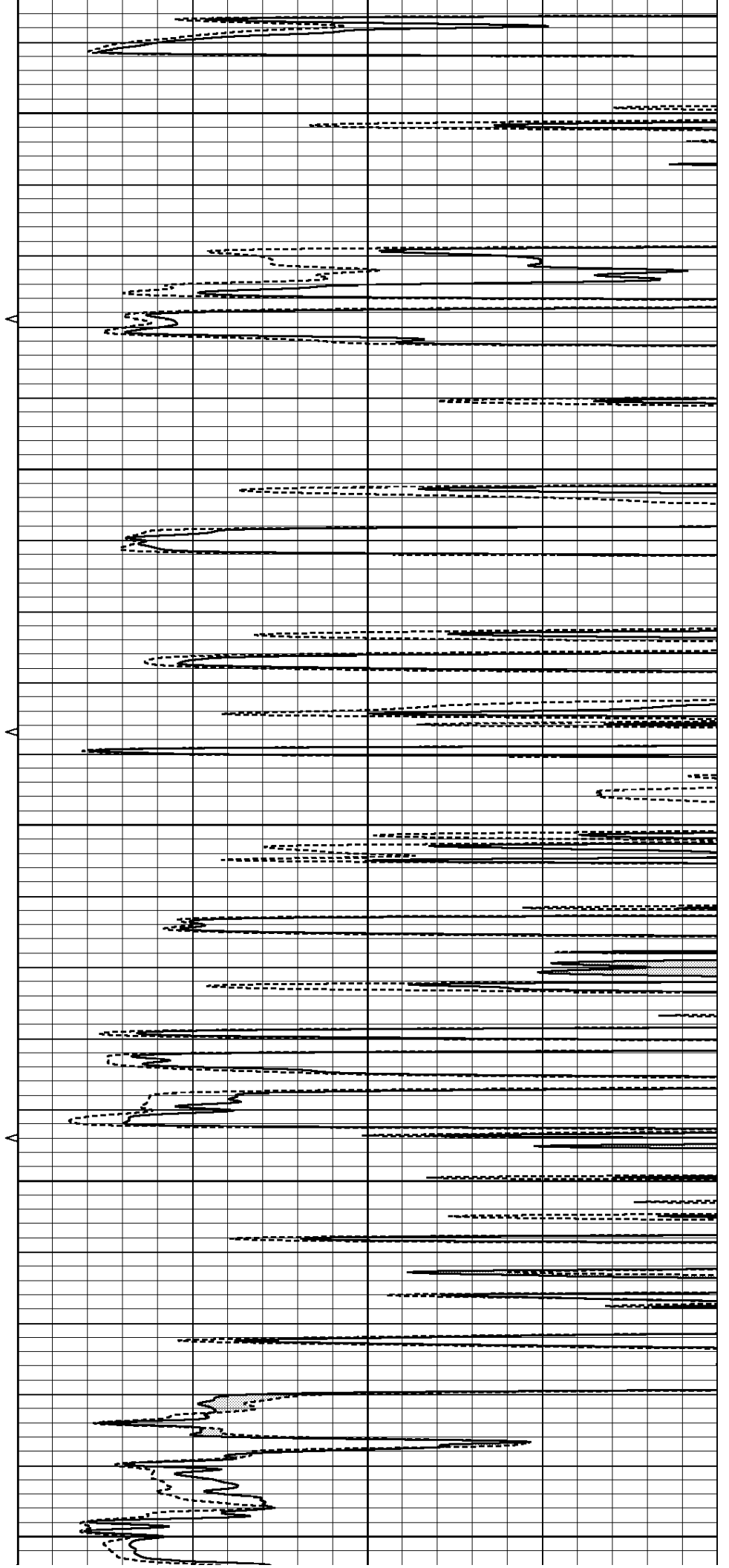
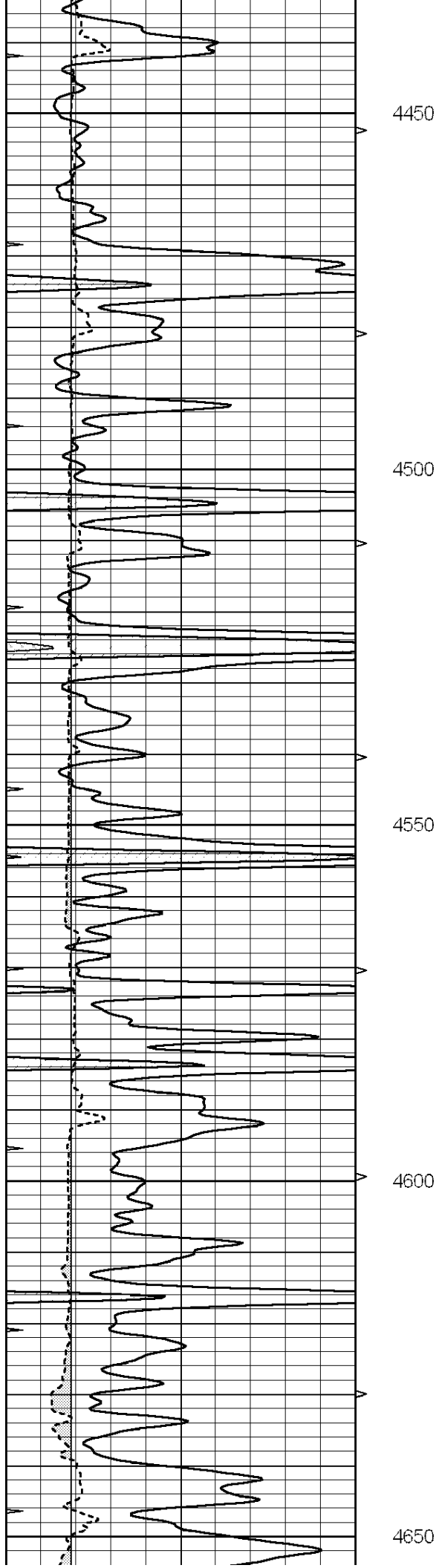
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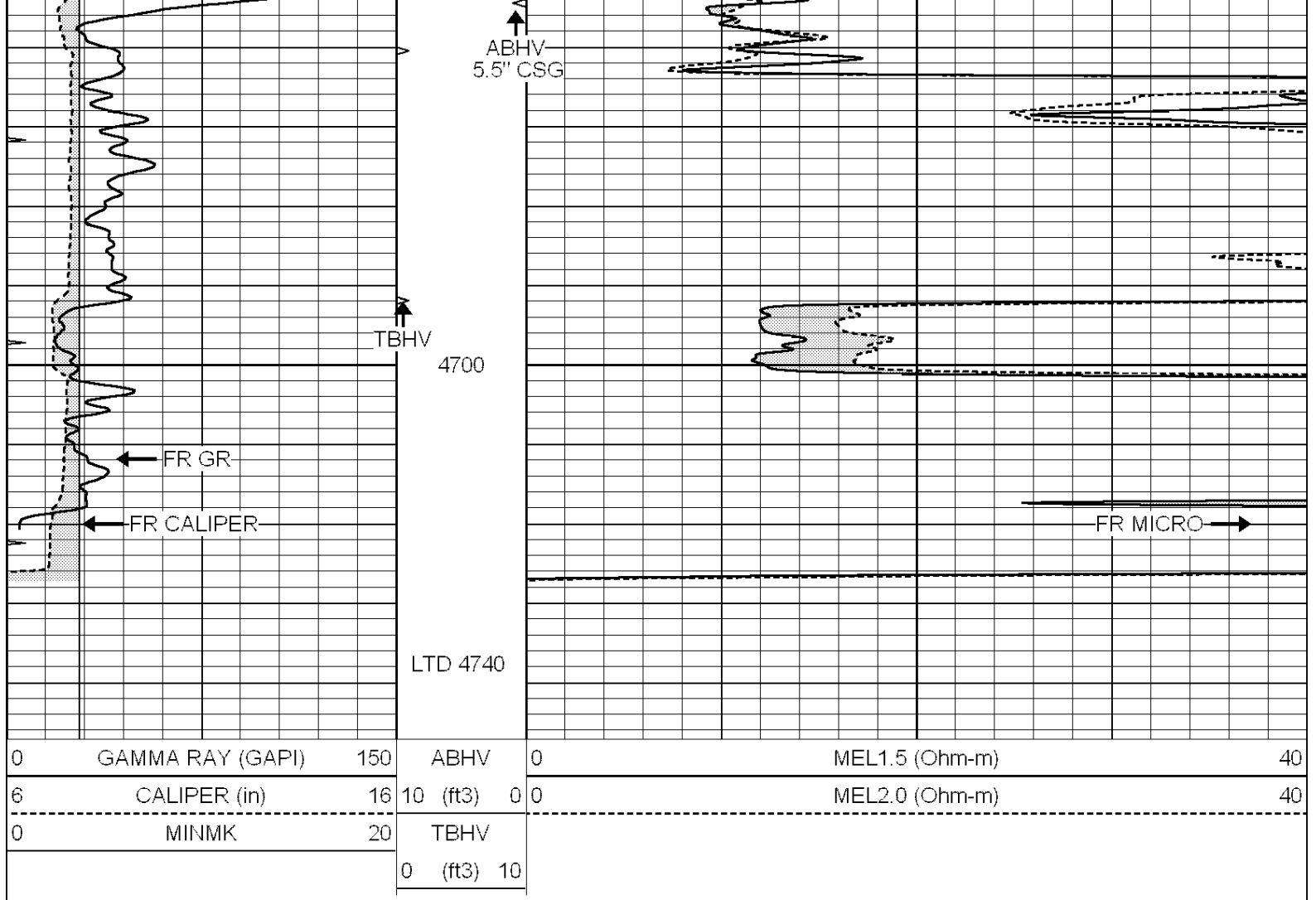
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4350

4400





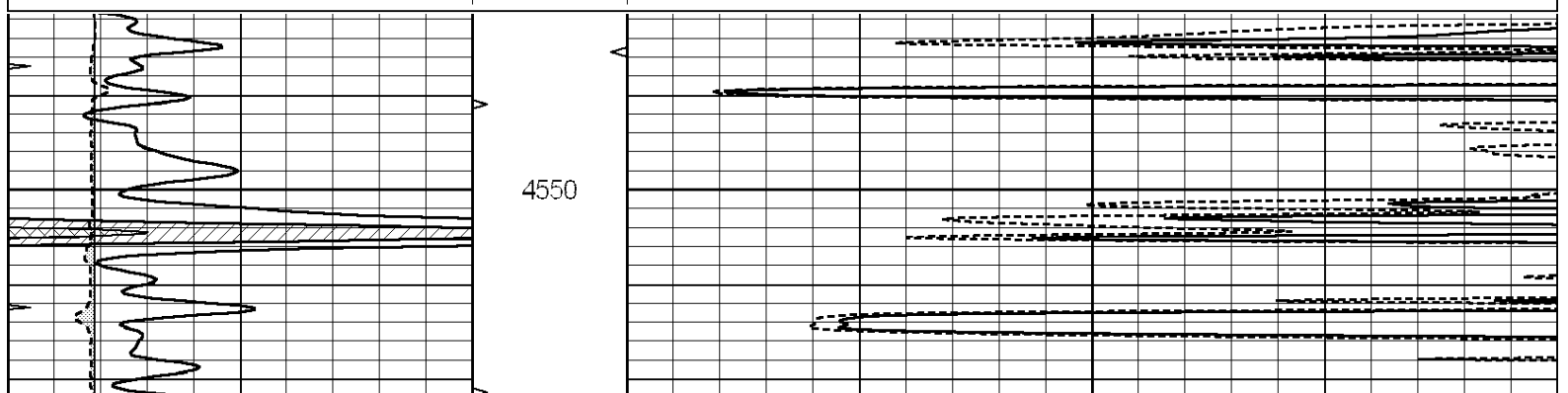


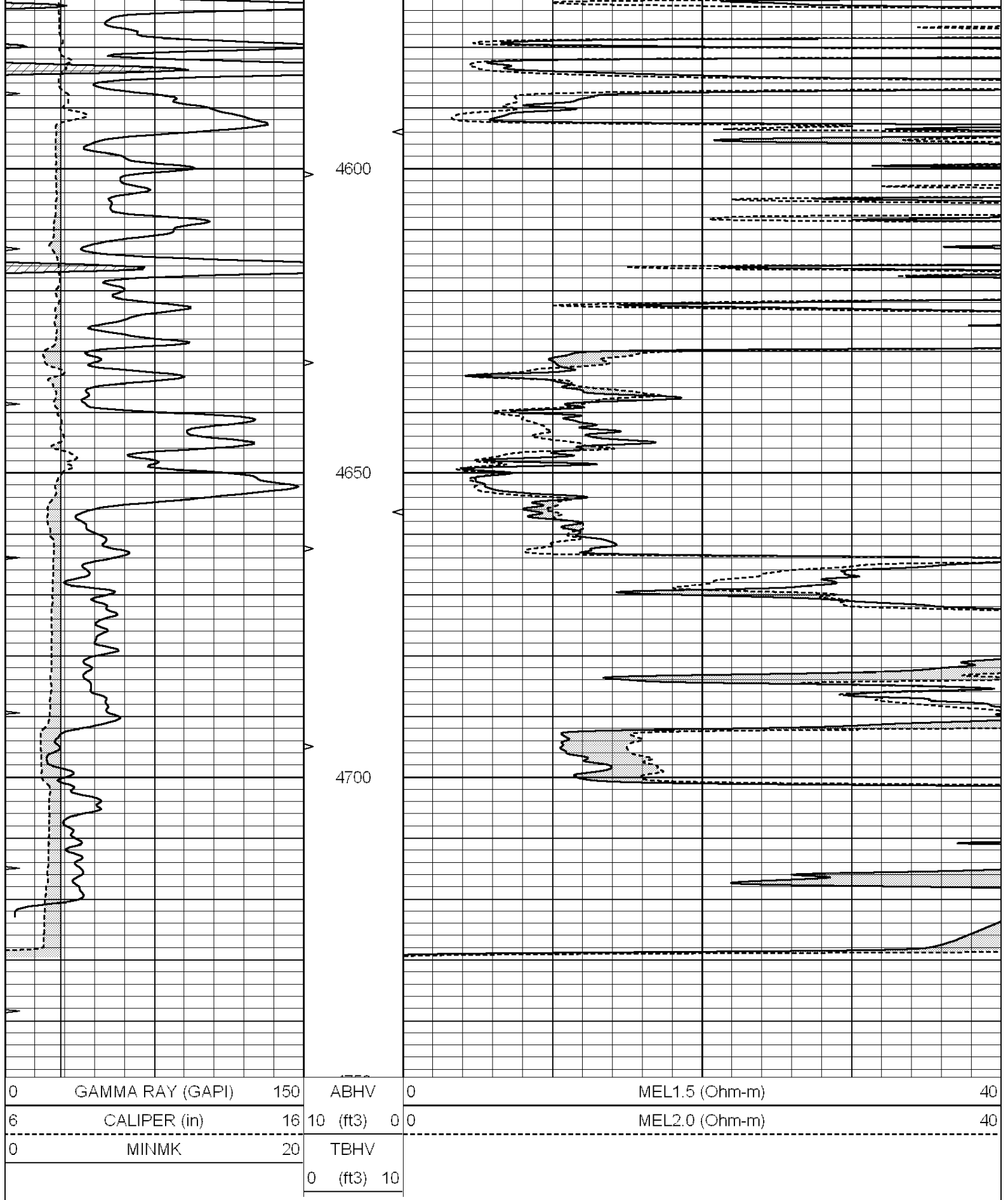
NABORS
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REPEAT SECTION

Database File: 010727pe.db
Dataset Pathname: pass5.8
Presentation Format: _micro
Dataset Creation: Tue Mar 19 06:24:56 2013 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	MEL2.0 (Ohm-m)	40
0	MINMK	20	TBHV			
			0 (ft3)	10		





Calibration Report

Database File: 010727pe.db
Dataset Pathname: pass6.1.2
Dataset Creation: Tue Mar 19 06:19:49 2013 by Calc SOC 120430

MICRO Calibration Report

Serial Number:	2
Tool Model:	PROBE
Performed:	Tue Mar 05 12:07:31 2013

Caliper Calibration:	Gain=7.712	Offset=0.793
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	Low Cal	High Cal
References	7.300	15.000
Readings	0.880	1.905

1.5" Calibration:	Gain=48.000	Offset=-1.500
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	Low Cal	High Cal
References	0.000	20.000
Readings	0.015	0.458

2" Calibration:	Gain=45.000	Offset=-0.700
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	Low Cal	High Cal
References	0.000	20.000
Readings	0.003	0.384

Gamma Ray Calibration Report

Serial Number:	GR4
Tool Model:	OPEN
Performed:	Fri Mar 15 12:59:42 2013

Calibrator Value:	200.0	GAPI
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Background Reading:	0.0	cps
Calibrator Reading:	189.0	cps

Sensitivity:	2.1000	GAPI/cps
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