



NABORS

**COMPLETION
& PRODUCTION
SERVICES CO.**

**MICRO
LOG**

Company	ETERNITY EXPLORATION, LLC	Company	ETERNITY EXPLORATION, LLC
Well	CG MACKENDER #1	Well	CG MACKENDER #1
Field	BUTTERFIELD - OVERLAND	Field	BUTTERFIELD - OVERLAND
County	GOVE	County	GOVE
State	KANSAS	State	KANSAS
Date	Location:	API # : 15-063-22040-00-00	Other Services CDL/CNL DIL
	Permanent Datum	GROUND LEVEL	Elevation
	Log Measured From	KELLY BUSHING 8' A.G.L.	K.B. 2736 D.F. 2734 G.L. 2728
	Drilling Measured From	KELLY BUSHING	
Run Number	10/7/12		
Depth Driller	TWO		
Depth Logger	4500		
Bottom Logged Interval	4488		
Top Log Interval	4487		
Casing Driller	3500		
Casing Logger	8 5/8"@233'		
Bit Size	232		
Type Fluid in Hole	7 7/8"		
Density / Viscosity	CHEMICAL MUD	CHLORIDES 2,300 PPM	
pH / Fluid Loss	9.3/44		
Source of Sample	10.0/8.8		
Rm @ Meas. Temp	FLOWLINE		
Rmt @ Meas. Temp	0.10@90F		
Rmc @ Meas. Temp	0.06@90F		
Source of Rmt / Rmc	0.12@90F		
Rm @ BHT	MEASUREMENT		
Time Circulation Stopped	0.07@121F		
Time Logger on Bottom	2.5 HOURS		
Maximum Recorded Temperature	121F		
Equipment Number	4010		
Location	HAYS, KANSAS		
Recorded By	IAN MABB	JEFF GRONEWEG	
Witnessed By	SCOTT ALBERG		

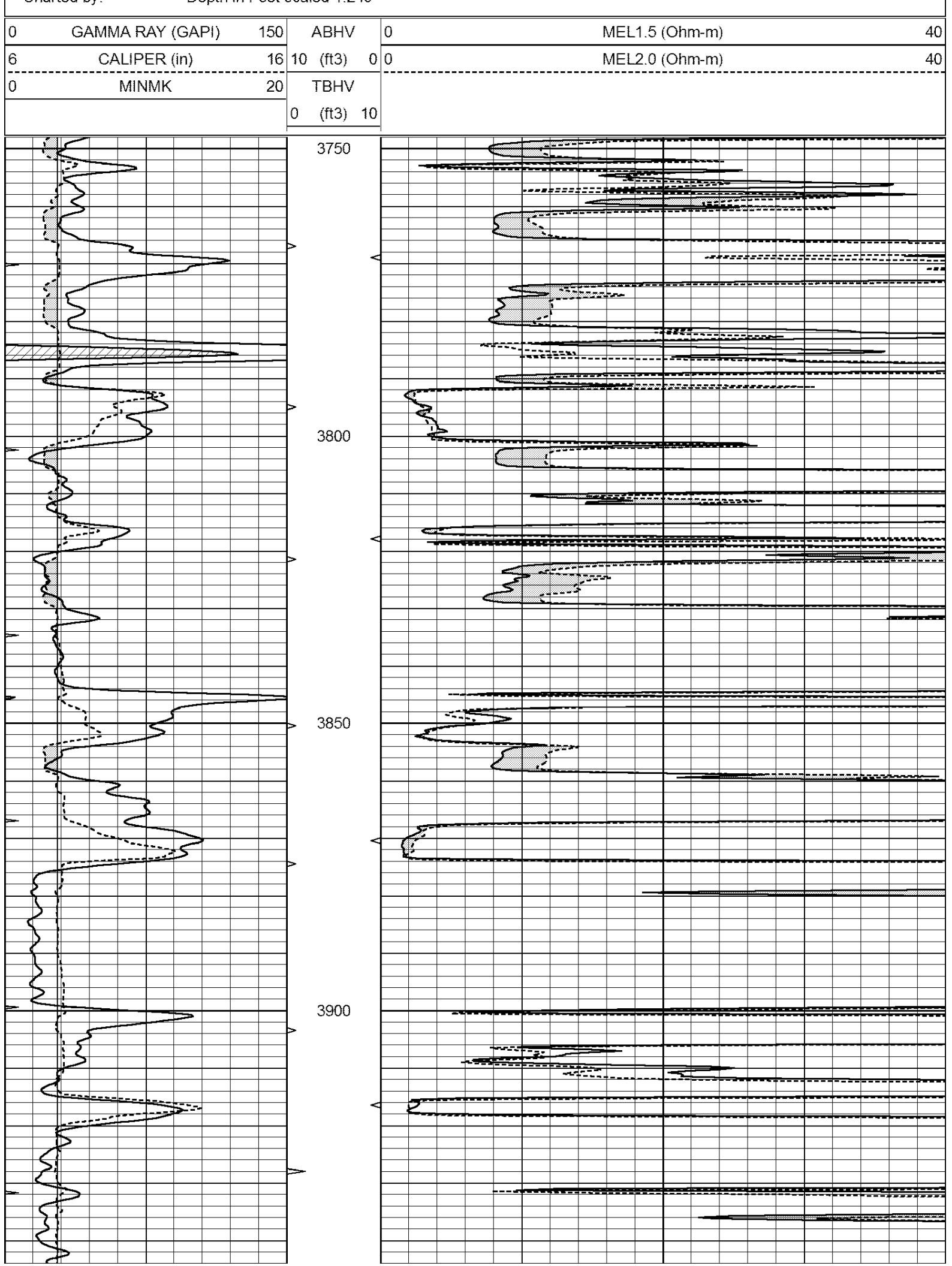
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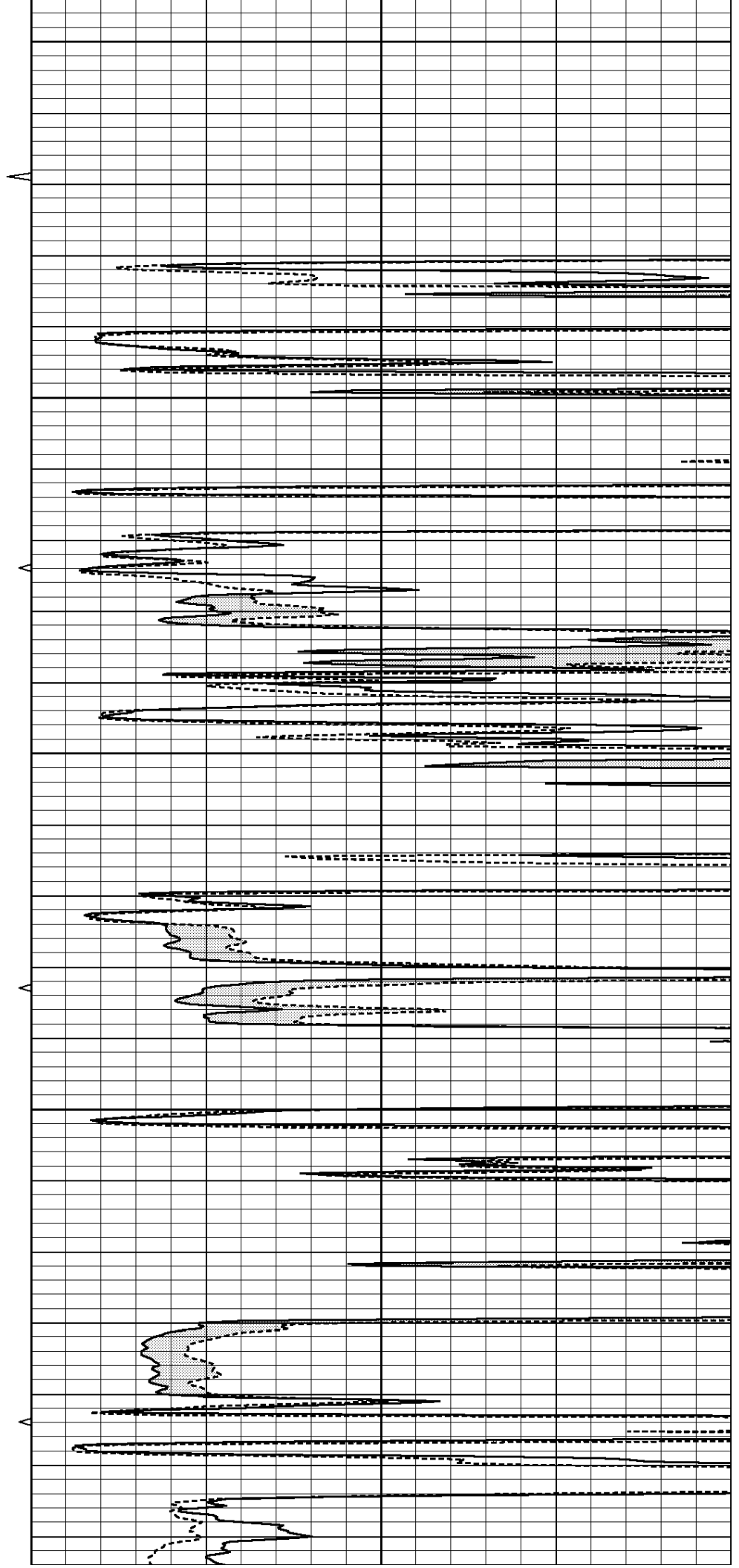
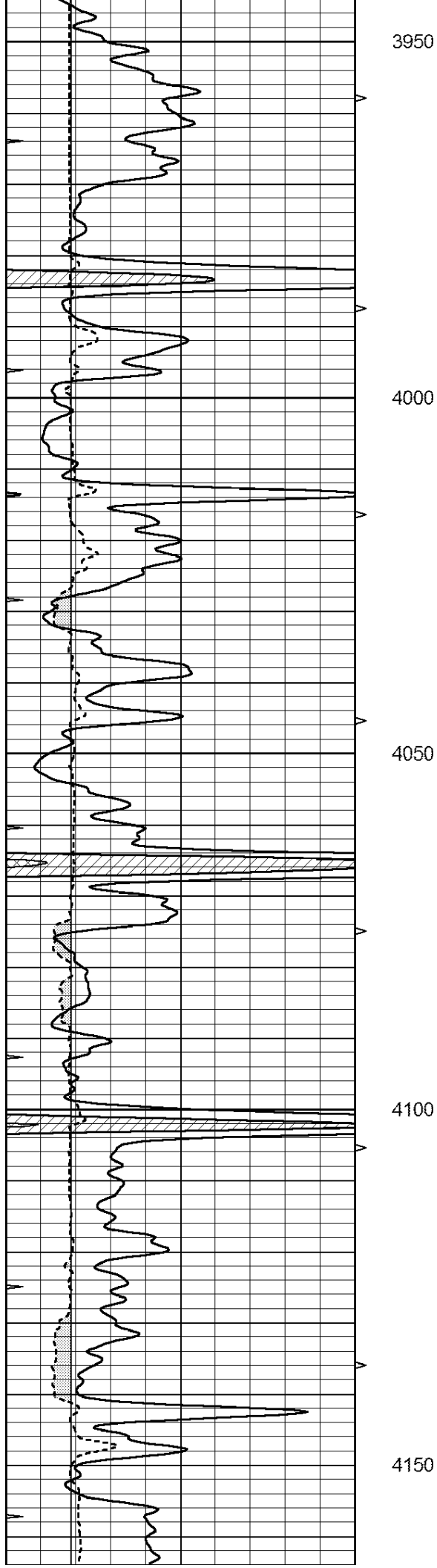
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

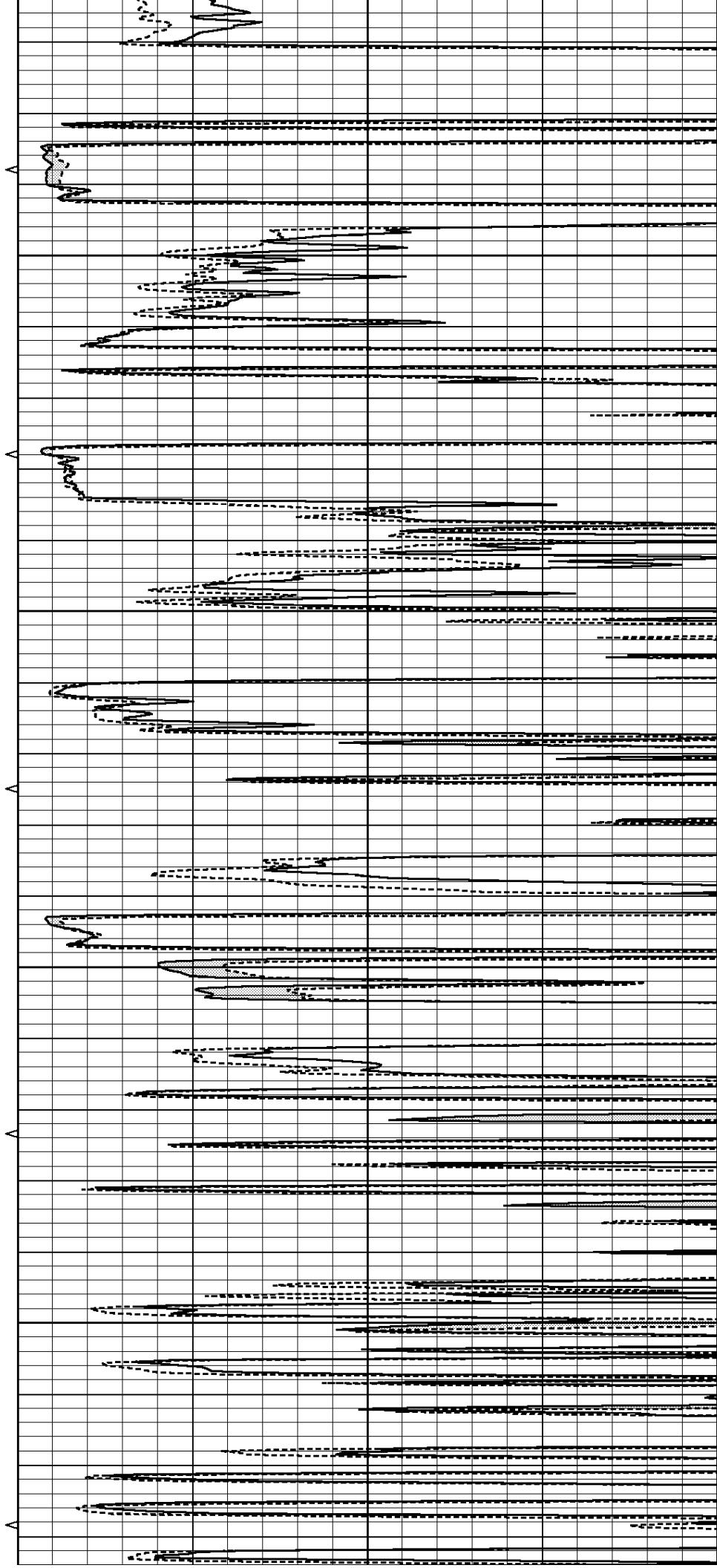
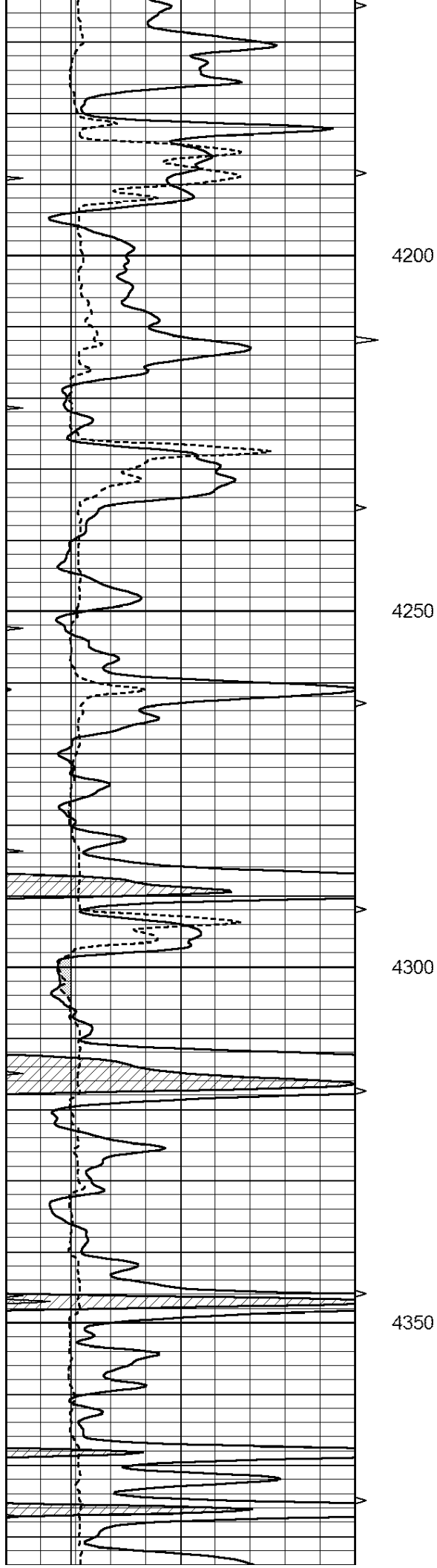
Comments

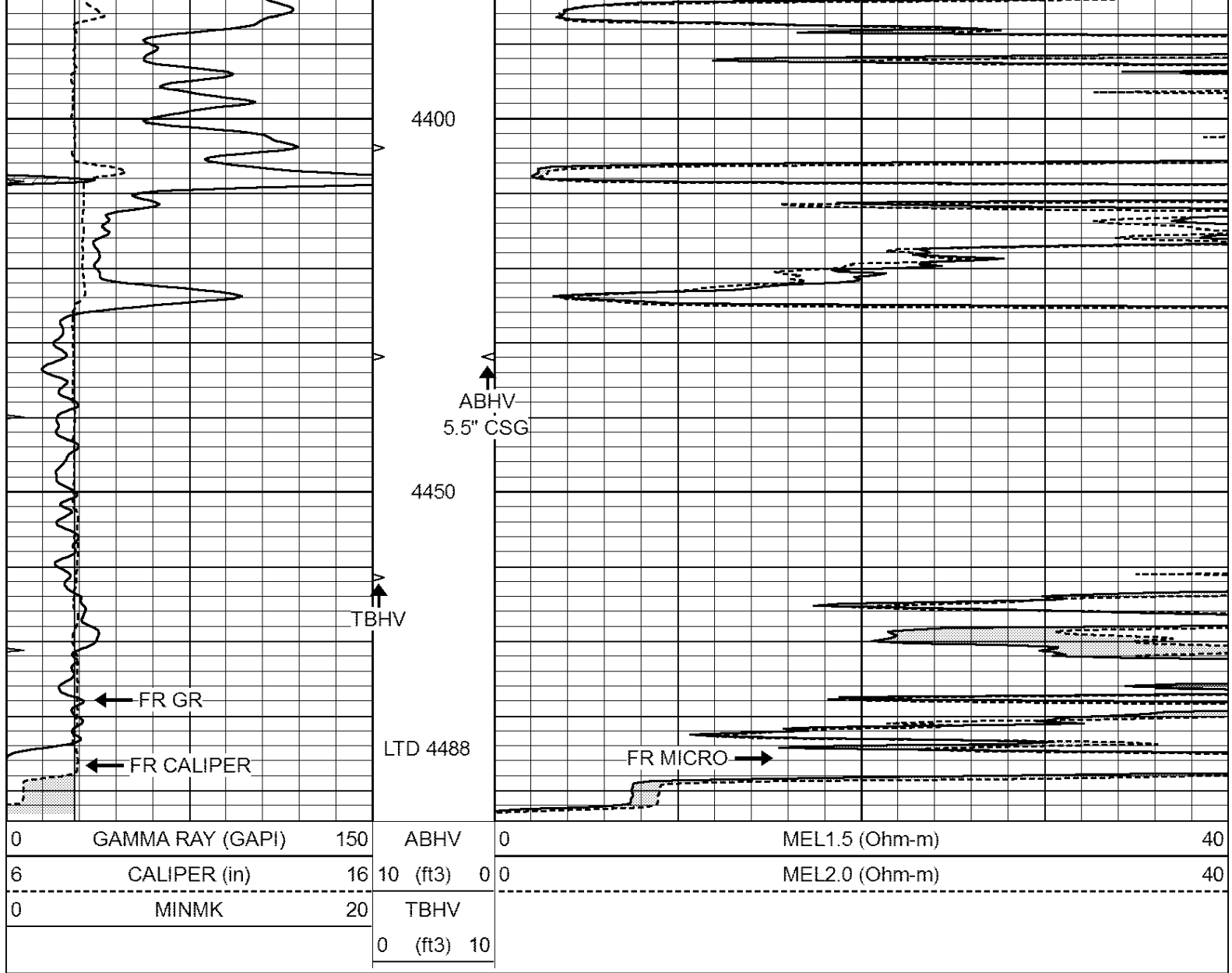
THANK YOU FOR USING SUPERIOR WELL SERVICE HAYS, KANSAS (785) 628-6395
DIRECTIONS
GOVE, KS. 10 MILES SOUTH, WEST 10 MILES ON RD I, SOUTH 1 MILE, EAST INTO

Database File: 409690ddn.db
Dataset Pathname: pass7.1
Presentation Format: micro
Dataset Creation: Mon Oct 08 00:49:31 2012 by Calc Open-Cased 110302
Charted by: Depth in Feet scaled 1:240







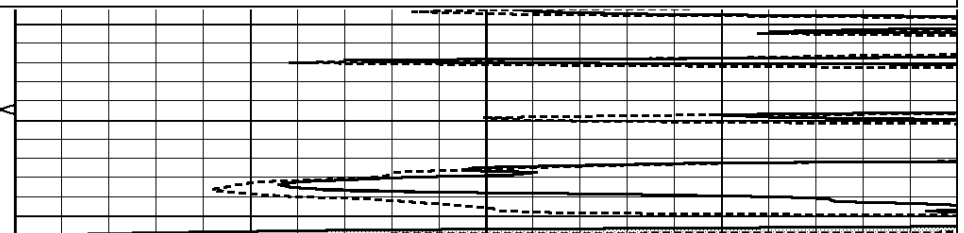


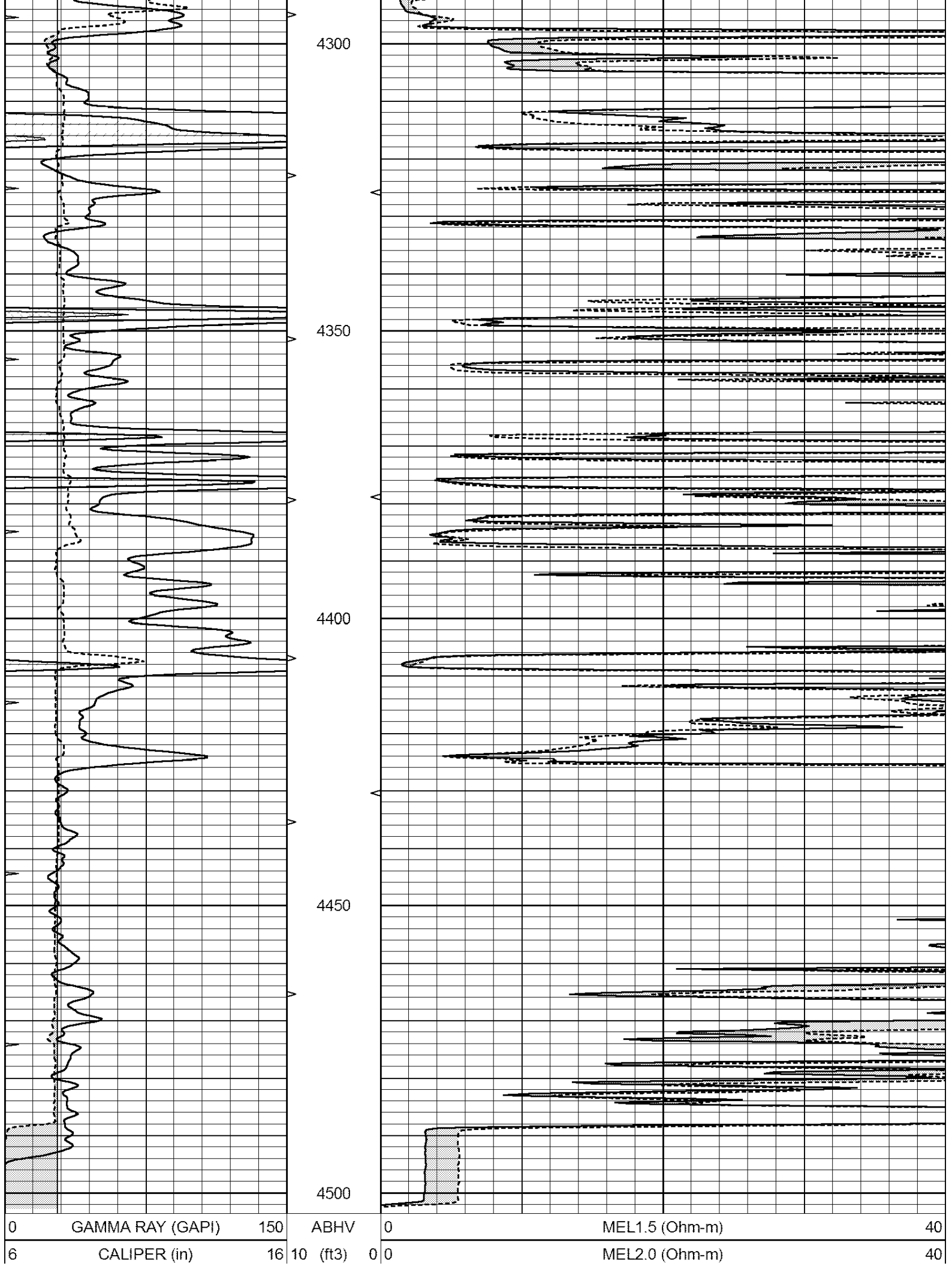
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REPEAT SECTION

Database File: 409690ddn.db
Dataset Pathname: pass6.1
Presentation Format: micro
Dataset Creation: Mon Oct 08 00:20:23 2012 by Calc Open-Cased 110302
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	MEL2.0 (Ohm-m)	40
0	MINMK	20	TBHV			
			0 (ft3)	10		





0	MINMK	20	TBHV	
		0	(ft3)	10

Calibration Report

Database File: 409690ddn.db
Dataset Pathname: pass7.1
Dataset Creation: Mon Oct 08 00:49:31 2012 by Calc Open-Cased 110302

MICRO Calibration Report

Serial Number: MICRO5
Tool Model: PROBE
Performed: Wed Oct 03 13:36:18 2012

Caliper Calibration: Gain=4.050 Offset=-8.705

References Low Cal High Cal
7.900 16.000
Readings 4.100 6.100

1.5" Calibration: Gain=36.000 Offset=-0.500

References Low Cal High Cal
0.000 20.000
Readings -0.002 0.981

2" Calibration: Gain=40.000 Offset=-0.400

References Low Cal High Cal
0.000 20.000
Readings 0.002 0.898

Gamma Ray Calibration Report

Serial Number: GR4
Tool Model: OPEN
Performed: Wed Oct 03 13:56:10 2012

Calibrator Value: 200.0 GAPI

Background Reading: 0.0 cps
Calibrator Reading: 189.0 cps

Sensitivity: 1.0000 GAPI/cps