



**SUPERIOR
Hays,
Kansas**

**MICRO
LOG**

Company	MULL DRILLING CO. INC.	Company	MULL DRILLING COMPANY, INC.
Well	#1-14 BENTLEY TRUST	Well	#1-14 BENTLEY TRUST
Field		Field	
County	GOVE	County	GOVE
State	KANSAS	State	KANSAS
Location:	API # : 15-063-21760-0000	Other Services	DIL/CDL CNL/SONIC
SEC 14 TWP 15S RGE 28W		Elevation	
Permanent Datum	GROUND LEVEL	Elevation	2474
Log Measured From	KELLY BUSHING 9' A.G.L.	K.B. 2483	
Drilling Measured From	KELLY BUSHING	D.F.	
		G.L. 2474	
Date	10 JAN 09		
Run Number	CNE		
Depth Driller	4350		
Depth Logger	4356		
Bottom Logged Interval	4339		
Top Log Interval	3400		
Casing Driller	8 5/8 @ 217'		
Casing Logger	217		
Bit Size	7 7/8		
Type Fluid in Hole	CHEMICAL MUD		
Density / Viscosity	9.1/57	CHLORIDES 4100	
pH / Fluid Loss	10.0/8.8		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	1.70 @ 61		
Rmf @ Meas. Temp	1.27 @ 61		
Rmc @ Meas. Temp	2.04 @ 61		
Source of Rmf / Rmc	CAL/CAL		
Rm @ BHT	0.83 @ 118		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom	0150		
Maximum Recorded Temperature	118		
Equipment Number	680		
Location	HAYS, KS		
Recorded By	DUGAN DENTON	JOE CRATHORNE	
Witnessed By	KEVIN KESSLER		

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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

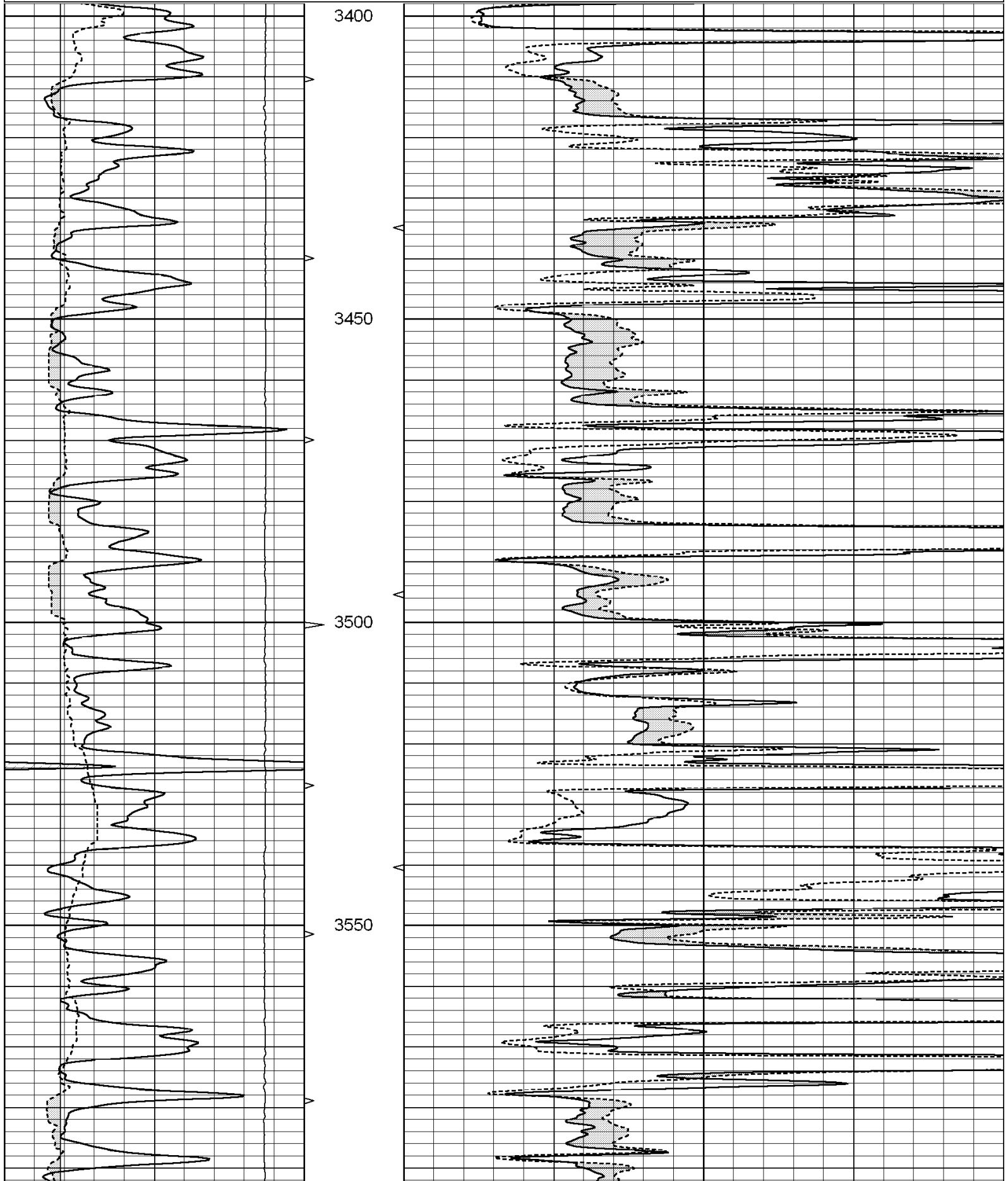
THANK YOU FOR USING SUPERIOR WELL SERVICES
HAYS, KS. 785-628-6395

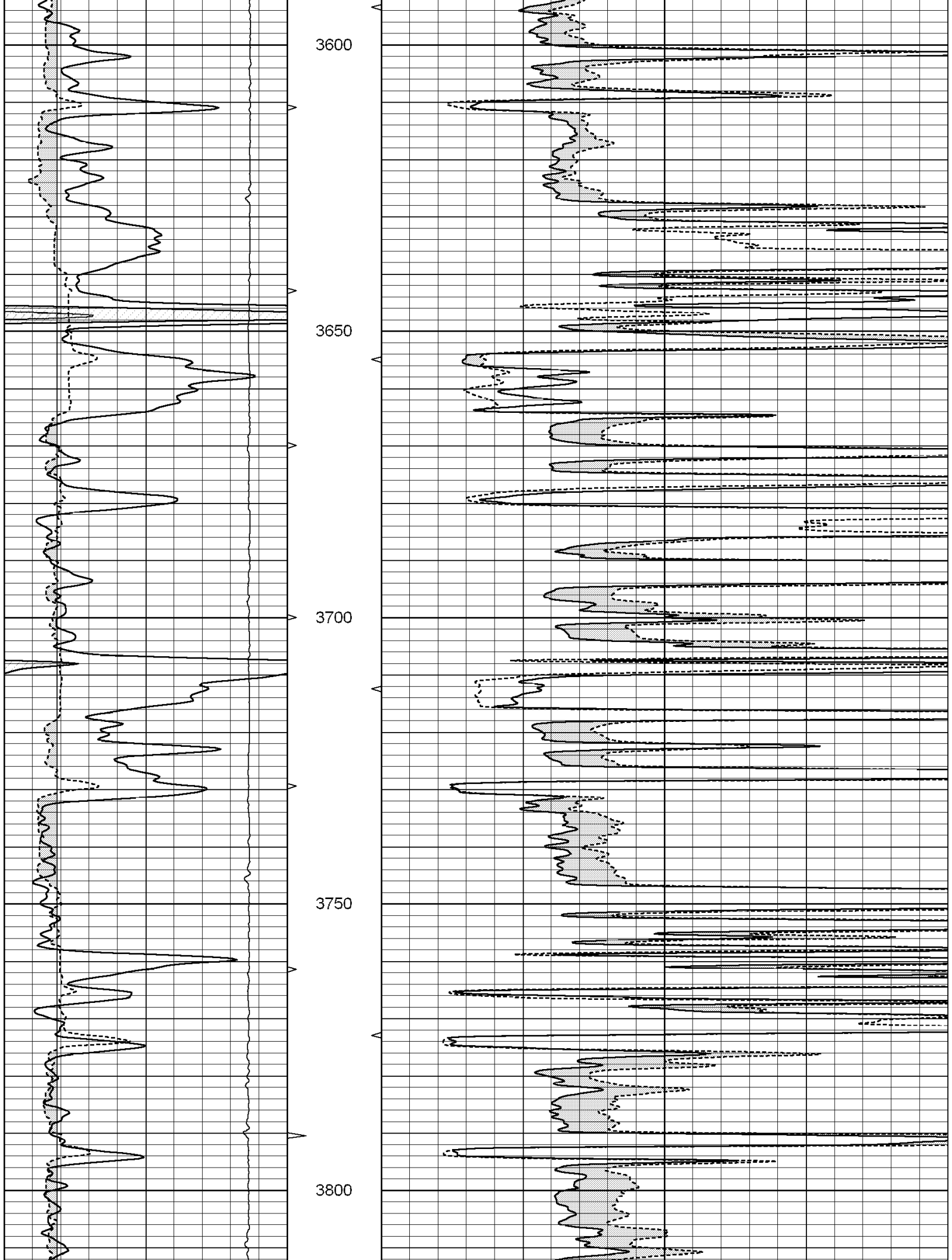
DIRECTIONS: JCT HWY 4 & PAWNEE RD.(CATHOUSE RD); 7 NORTH CROSS BRIDGE, WEST TO FARM HOUSE, SOUTH SIDE GO WEST 1/2 TO FARM YARD, FOLLOW ROAD ALONG SOUTH SIDE THRU OPEN GATE- FOLLOW TRAIL TO IMPLEMENT, TURN SOUTH ON EAST SIDE OF FENCE, FOLLOW TRAIL TO WELL. PS; CALL CO MAN IF LOST.

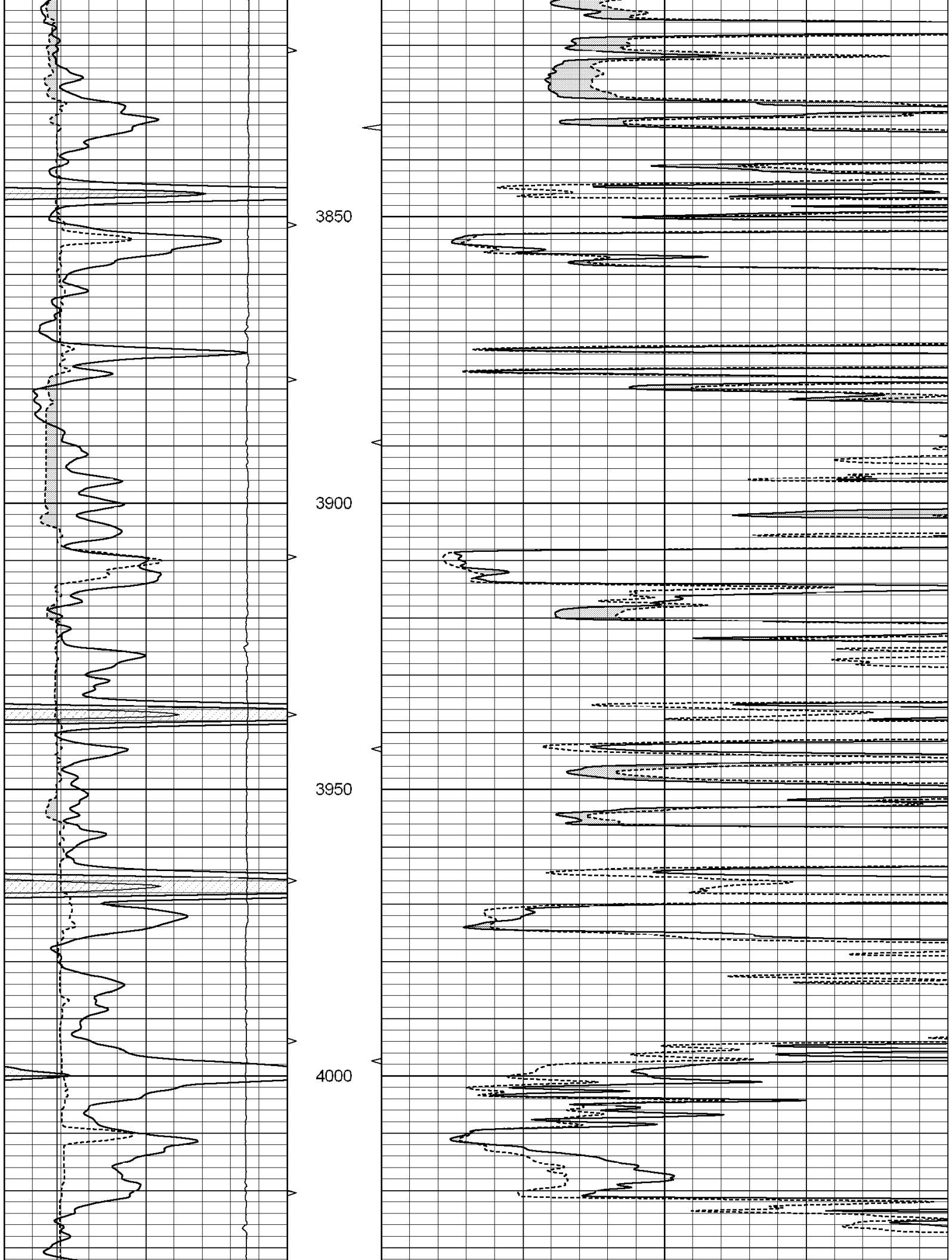
Charted by:

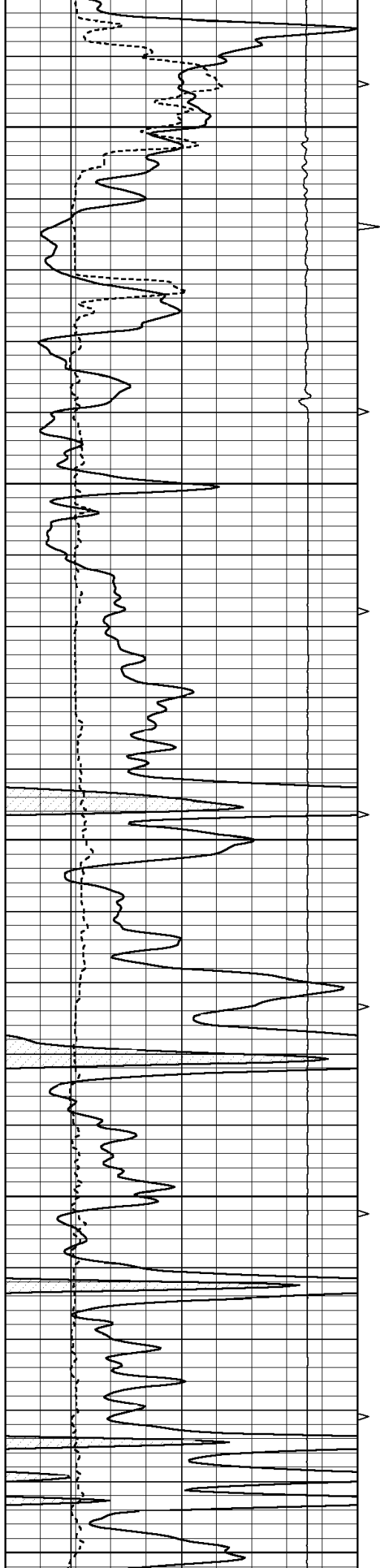
Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	ABHV	0	MEL1.5 (Ohm-m)	20
6	CALIPER (in)	16	10 (ft3) 0	0	MEL2.0 (Ohm-m)	20
10000	LTEN (lb)	0	TBHV			
			0 (ft3) 10			









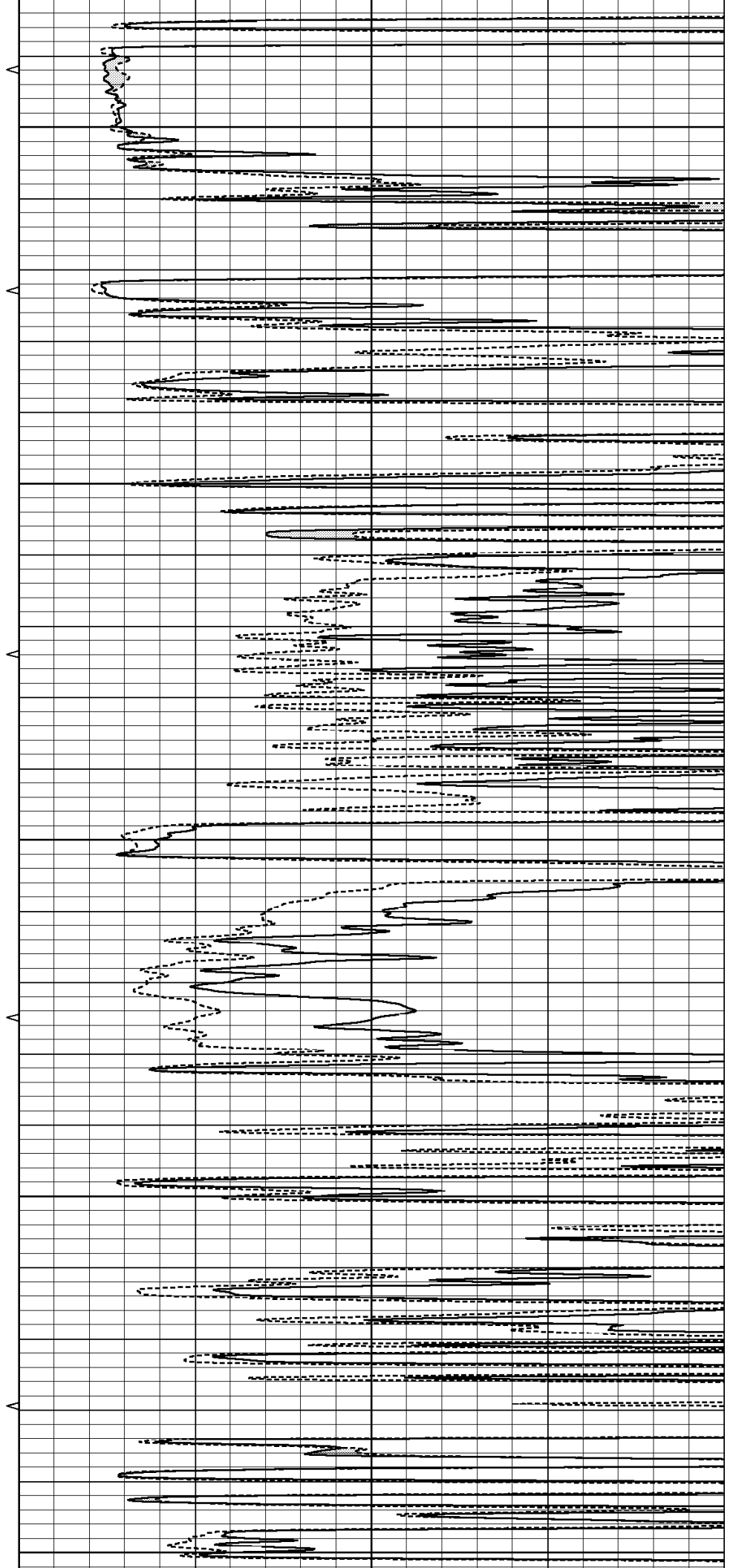
4050

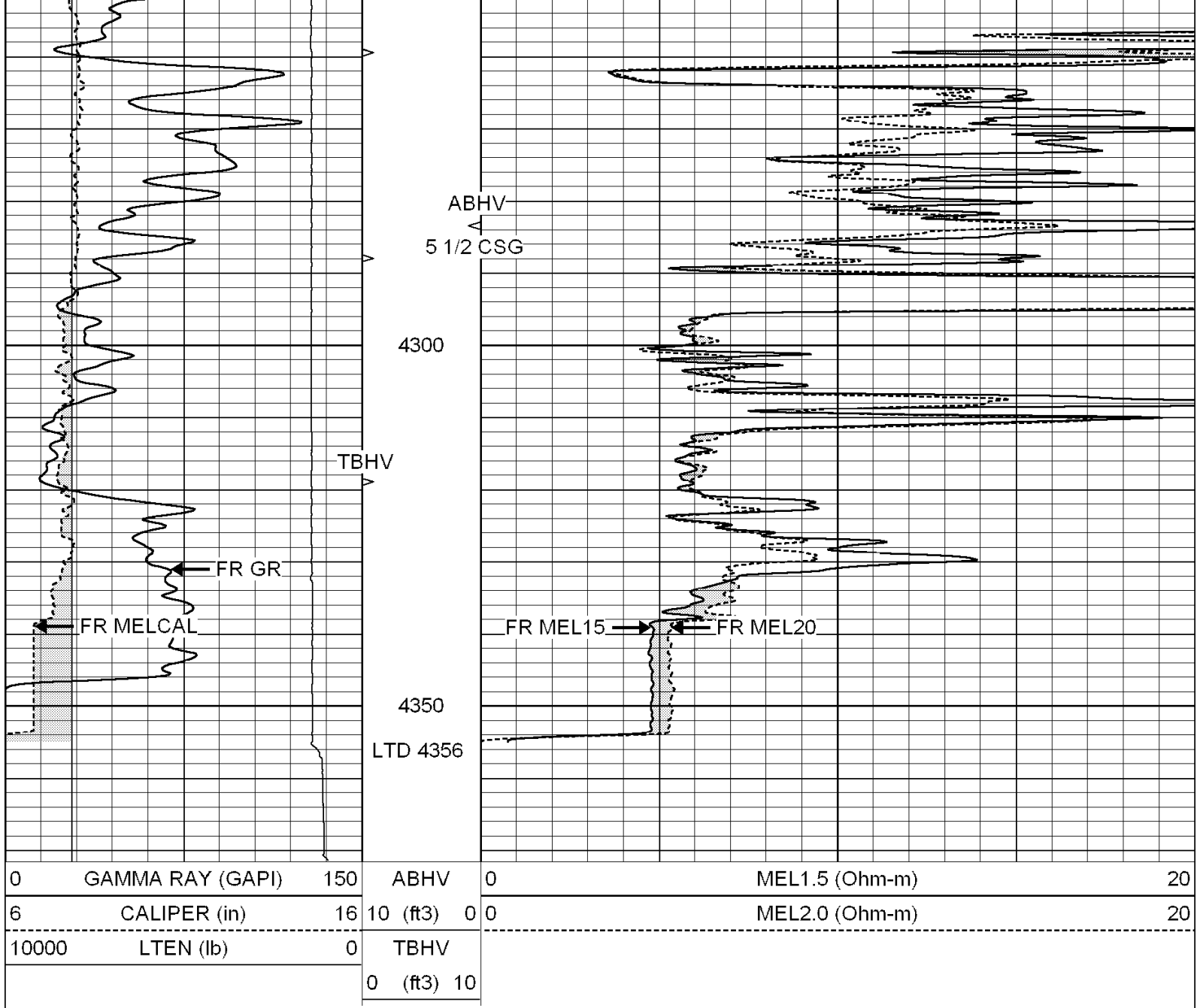
4100

4150

4200

4250



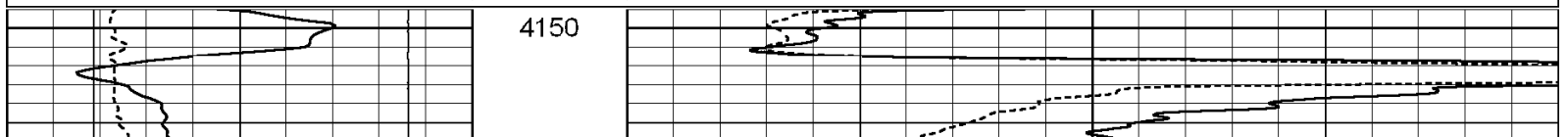


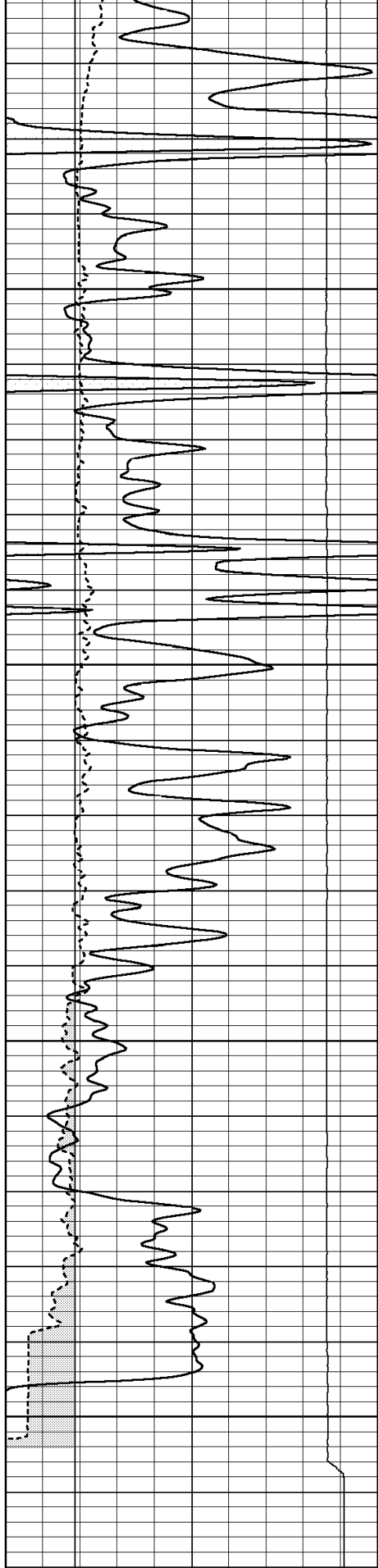
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REPEAT SECTION

Database File: 3188mulldrill.db
 Dataset Pathname: pass4.1
 Presentation Format: _micro
 Dataset Creation: Sat Jan 10 04:17:36 2009 by Calc Open-Cased 070814
 Charted by: Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	ABHV	0	MEL1.5 (Ohm-m)	20
6	CALIPER (in)	16	10 (ft3)	0	MEL2.0 (Ohm-m)	20
10000	LTEN (lb)	0	TBHV			
			0 (ft3)	10		





0 GAMMA RAY (GAPI) 150
6 CALIPER (in) 16

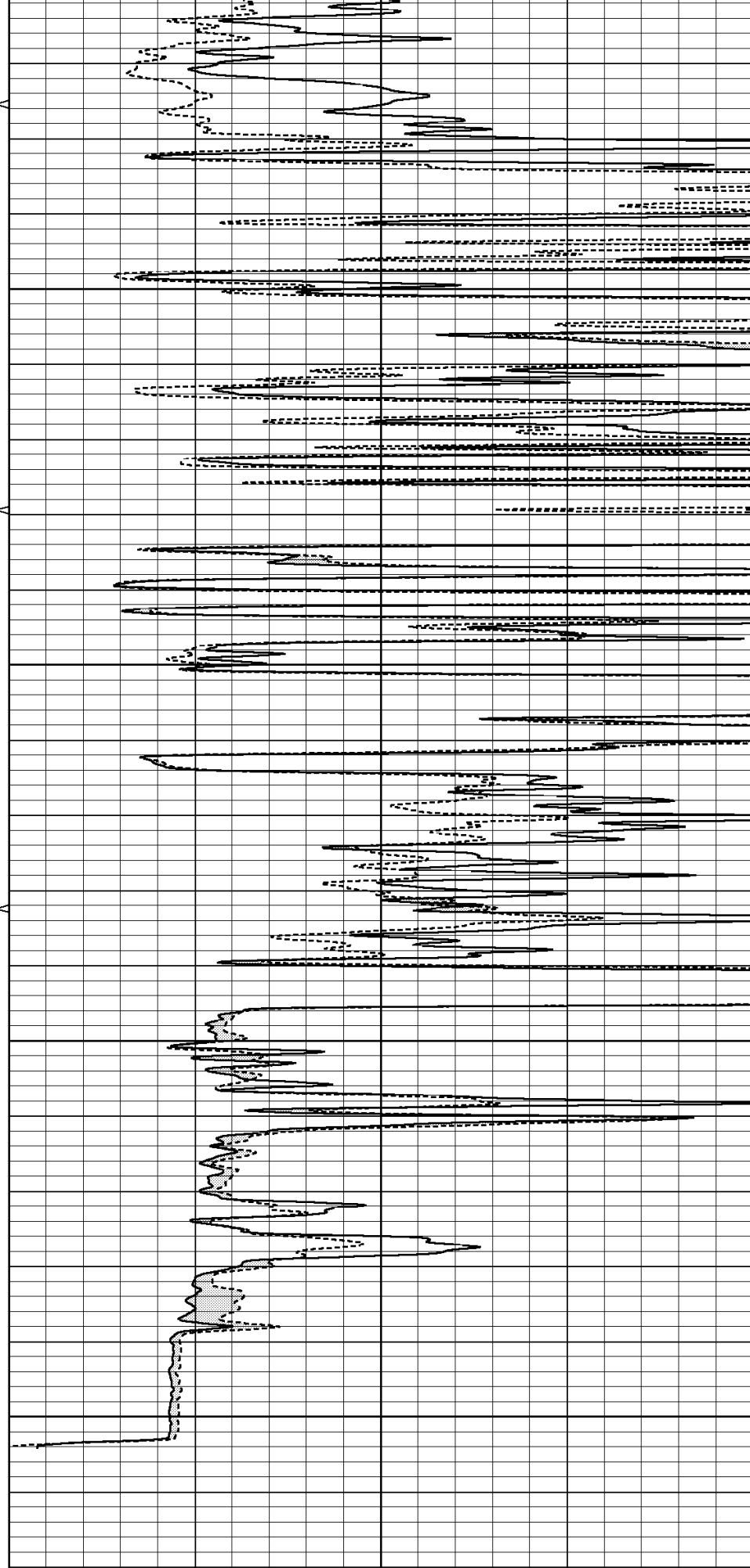
4200

4250

4300

4350

ABHV 10 (ft3) 0



0 MEL1.5 (Ohm-m) 20
0 MEL2.0 (Ohm-m) 20

10000	LTEN (lb)	0	TBHV
		0	(ft3) 10

Calibration Report

Database File: 3188mulldrill.db
Dataset Pathname: pass4.1
Dataset Creation: Sat Jan 10 04:17:36 2009 by Calc Open-Cased 070814

MICRO Calibration Report

Serial Number: MICRO3
Tool Model: PROBE
Performed: Thu Dec 11 12:07:36 2008

Caliper Calibration: Gain=3.007 Offset=-3.665

	Low Cal	High Cal
References	7.400	14.250
Readings	3.613	5.366

1.5" Calibration: Gain=100.503 Offset=0.755

	Low Cal	High Cal
References	0.000	20.000
Readings	-0.009	0.190

2" Calibration: Gain=116.007 Offset=0.000

	Low Cal	High Cal
References	0.000	20.000
Readings	0.000	0.172

Gamma Ray Calibration Report

Serial Number: GR6
Tool Model: OPEN
Performed: Thu Jan 24 17:24:37 2008

Calibrator Value: 150.0 GAPI

Background Reading: 0.0 cps
Calibrator Reading: 350.0 cps

Sensitivity: 0.5586 GAPI/cps