

MICRO LOG

Company		MULL DRILLING CO., INC.	
Well		FAGEN#1-30	
Field		WILDCAT	
County		HODGEMAN	
State		KANSAS	
Location:		API # : 15-083-21948-00-00	
Permanent Datum		GROUND LEVEL	
Log Measured From		Elevation 2412	
Drilling Measured From		KELLY BUSHING 5' A.G.L.	
SEC 30		TWP 24S RGE 23W	
1650' FSL & 1637' FEL		Other Services	
		CDL/CNL/DIL	
		SONIC	
		Elevation	
		K.B. 2417	
		D.F. 2415	
		G.L. 2412	
Date	05/16/18		
Run Number	TWO		
Depth Driller	4875		
Depth Logger	4879		
Bottom Logged Interval	4859		
Top Log Interval	3800		
Casing Driller	8 5/8" @ 218		
Casing Logger	218		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD		
Density / Viscosity	9.1/54		
pH / Fluid Loss	11.0/7.6		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	.70@74		
Rmt @ Meas. Temp	.53@74		
Rmc @ Meas. Temp	.84@74		
Source of Rmt / Rmc	MEASURED		
Rm @ BHT	.42@123		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom	///		
Maximum Recorded Temperature	123F		
Equipment Number	1523		
Location	HAYS, KANSAS		
Recorded By	GUS PFANENSTIEL		
Witnessed By	PHIL ASKEY		

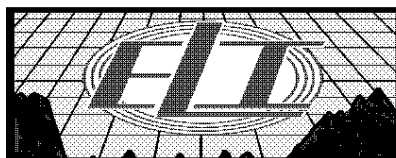
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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on 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 ELI WIRELINE, HAYS, KS. (785) 628-6395

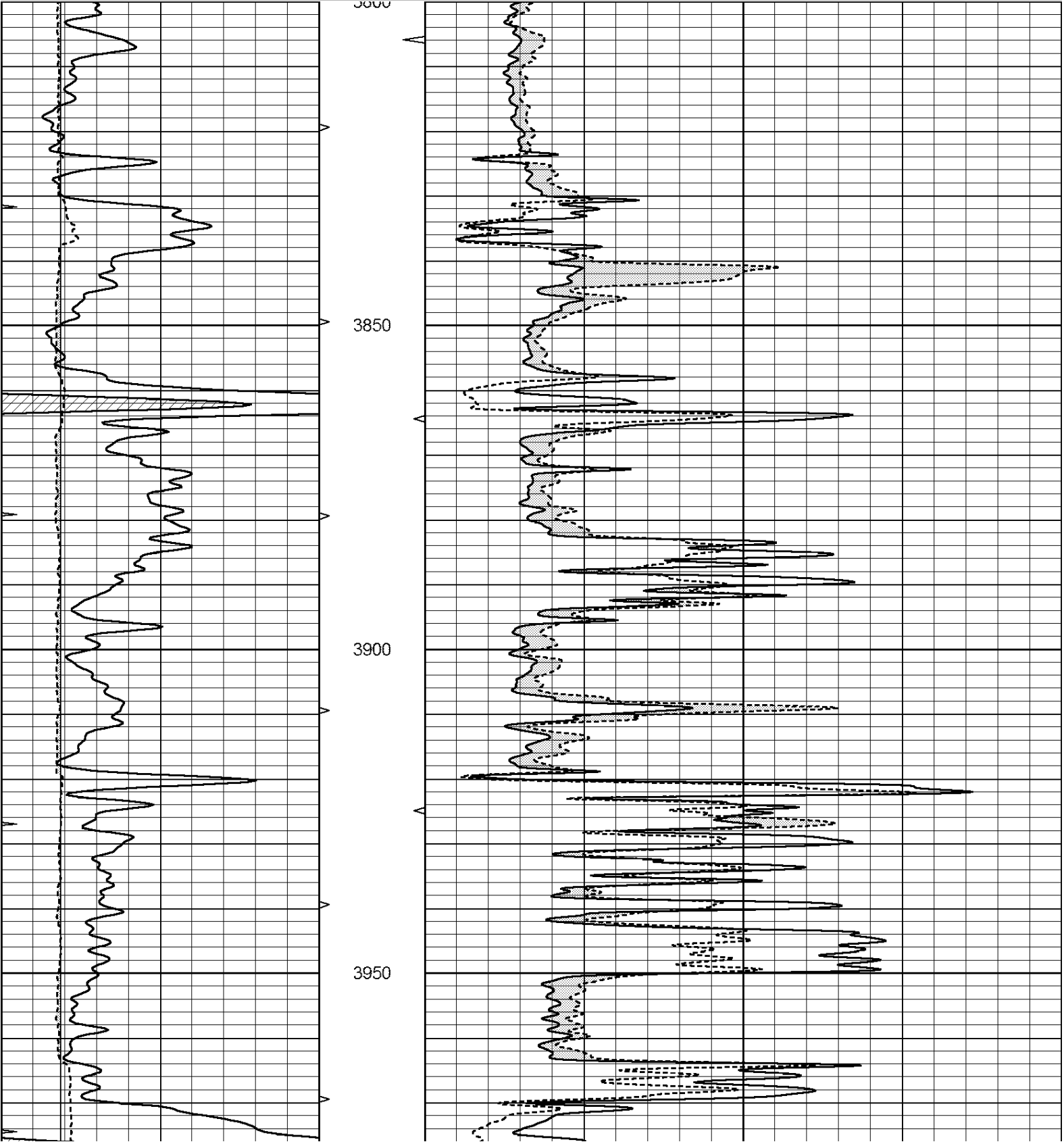
DIRECTIONS
SOUTH OF JETMORE TO B RD.(11 MILES)
1/2 MILE EAST, NORTH INTO.

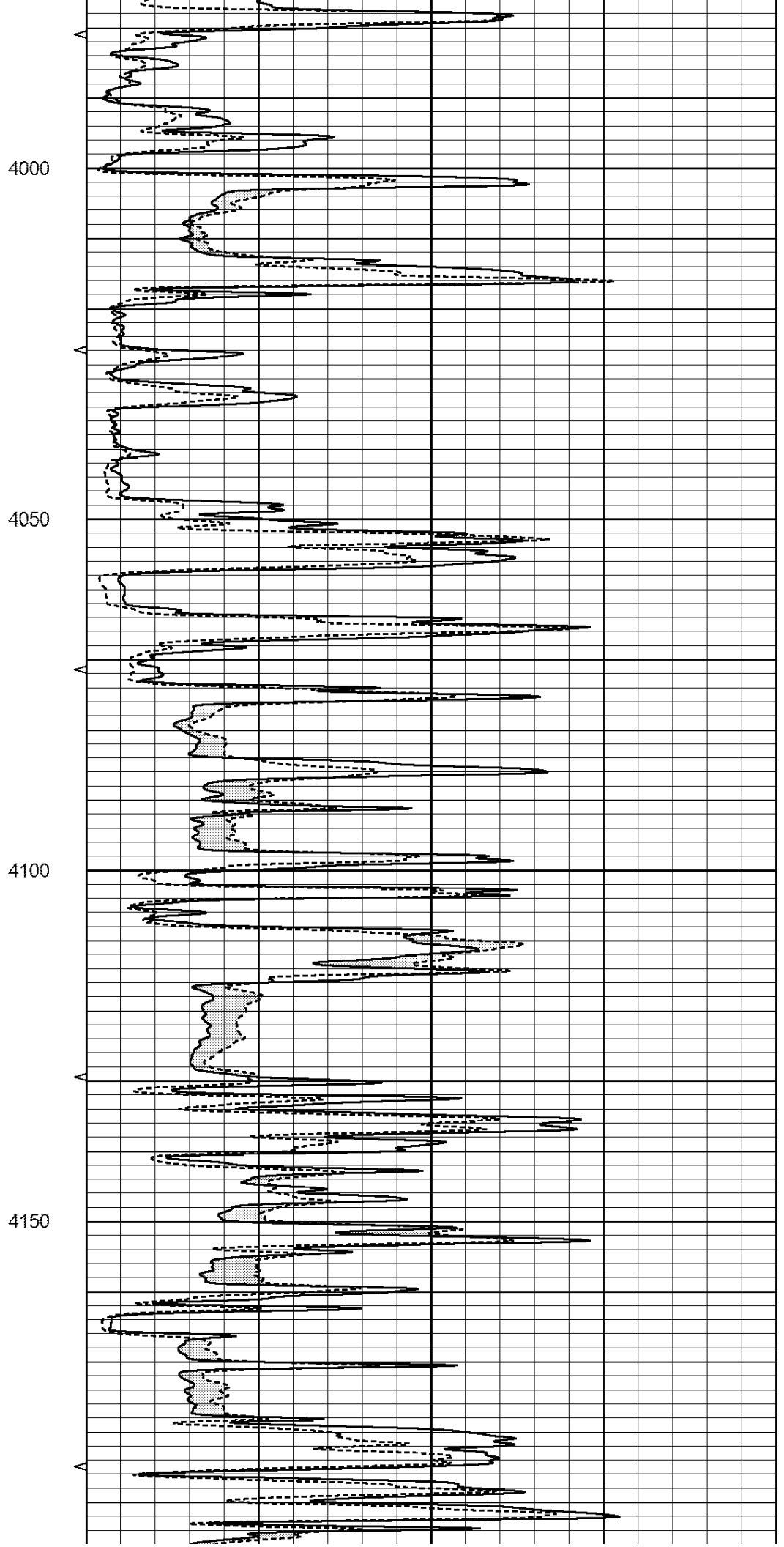
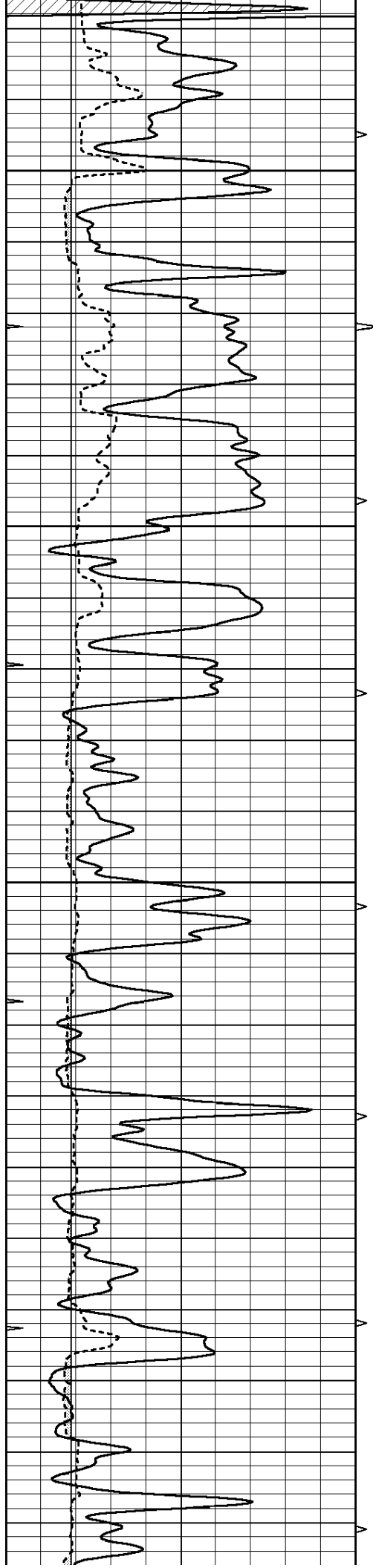


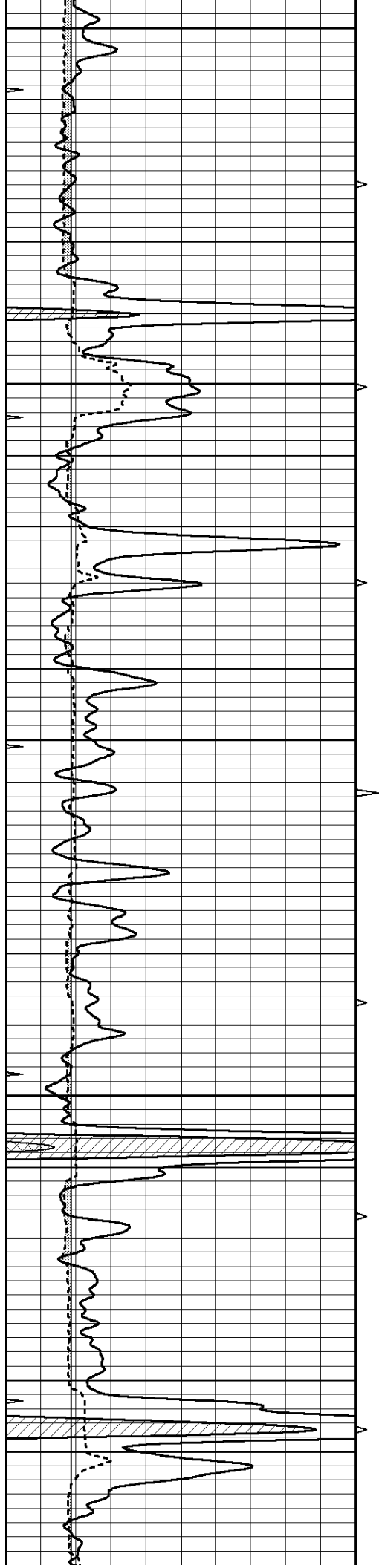
MAIN PASS

Database File: 2677pe.db
Dataset Pathname: pass6MIC
Presentation Format: _micro
Dataset Creation: Wed May 16 17:25:06 2018 by Calc Open-Cased 090629
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		







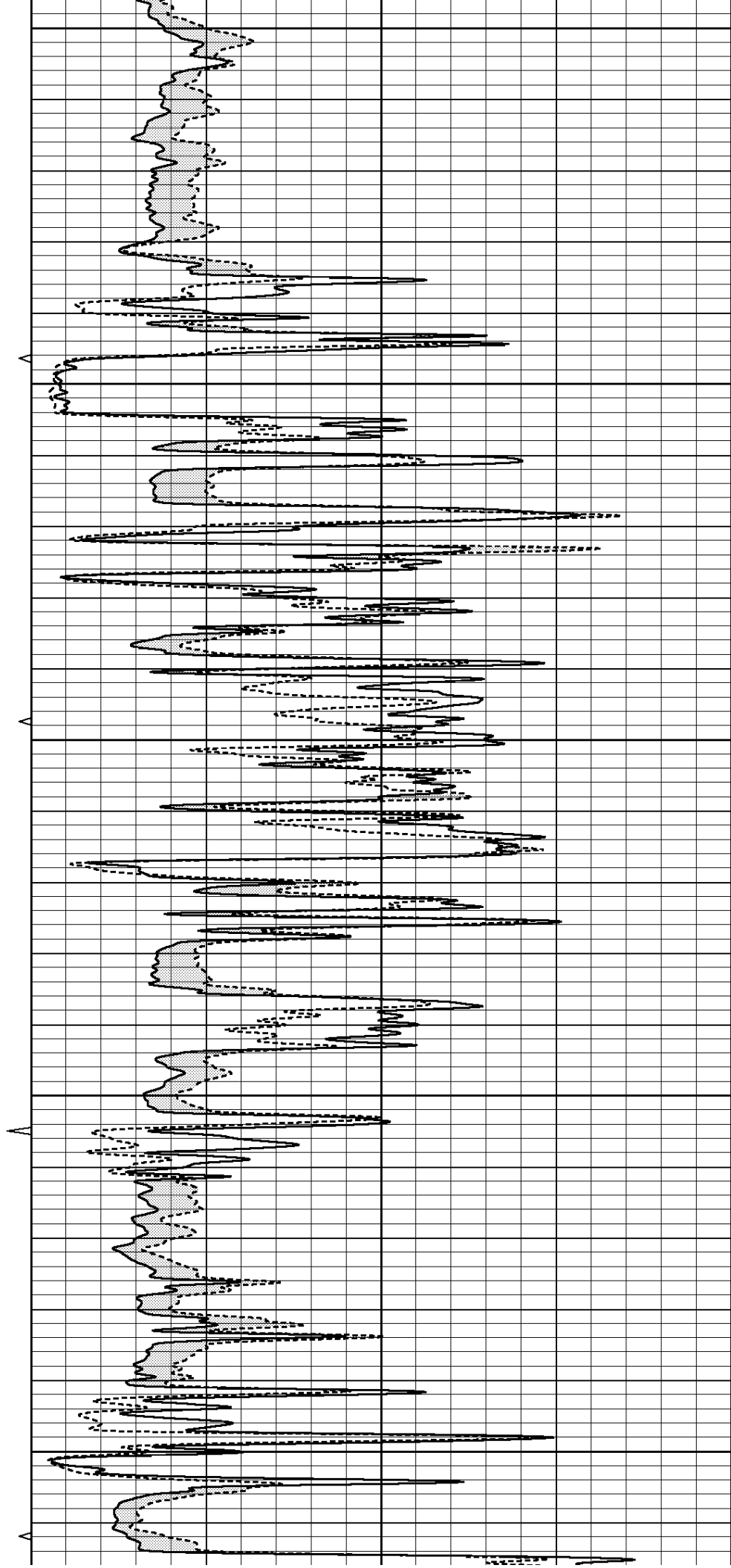
4200

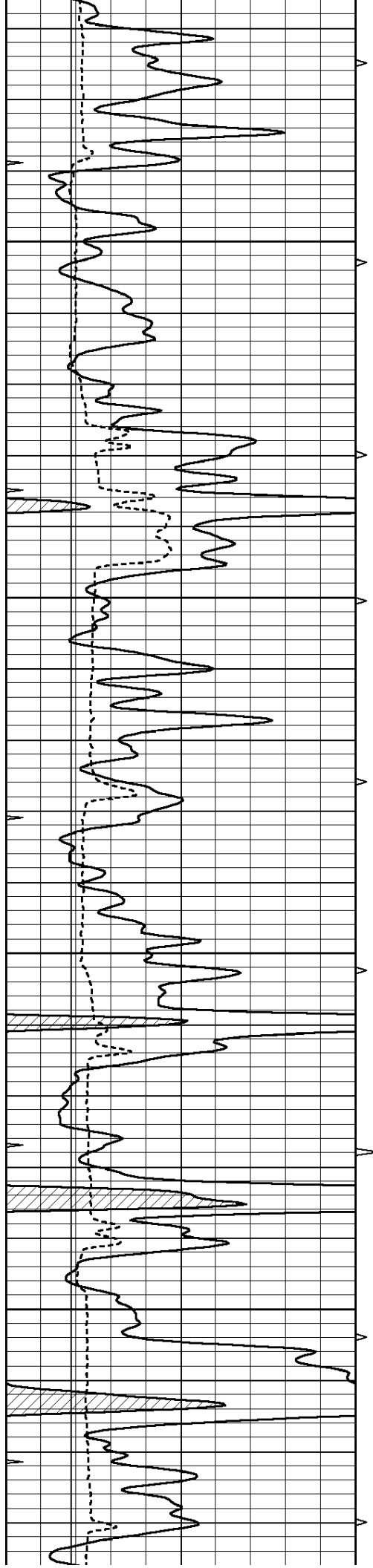
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4300

4350

4400



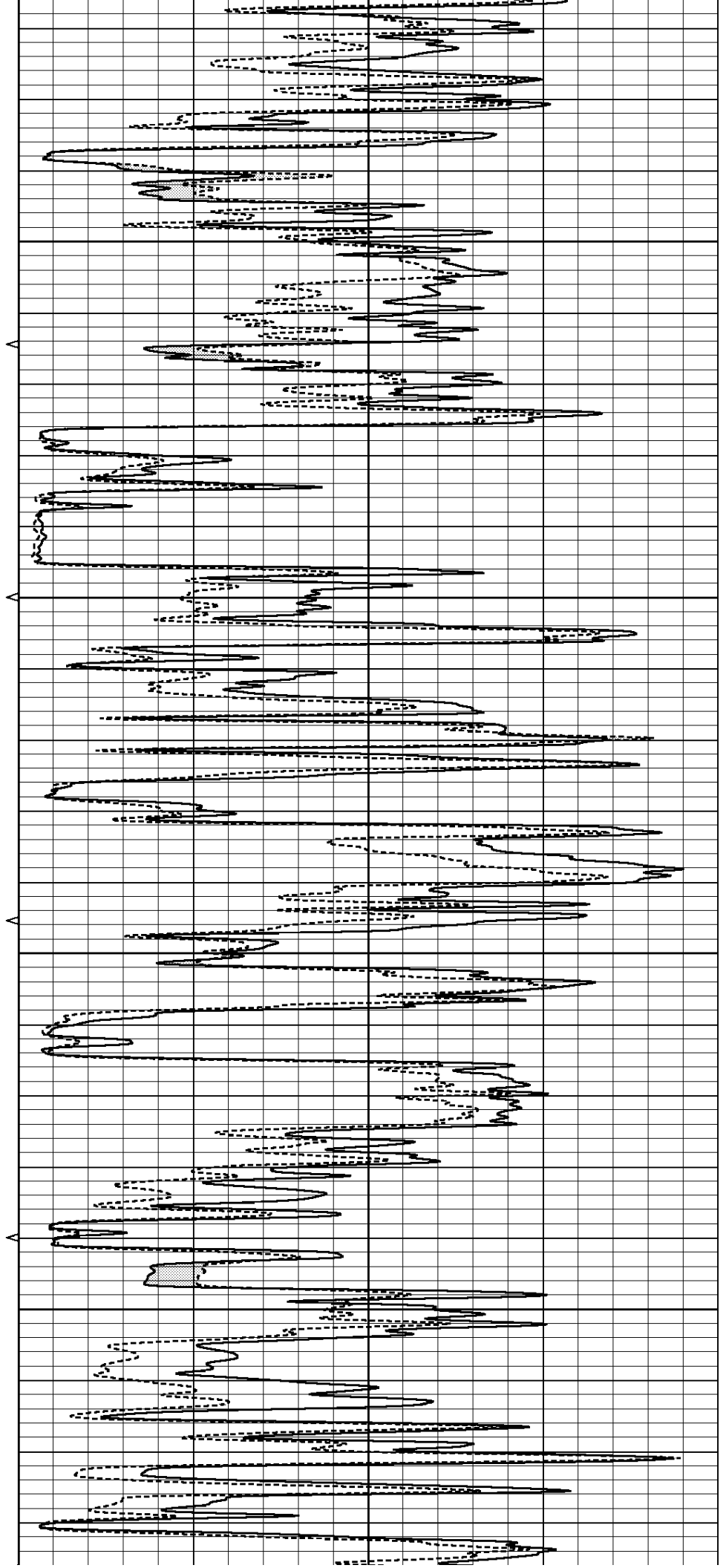


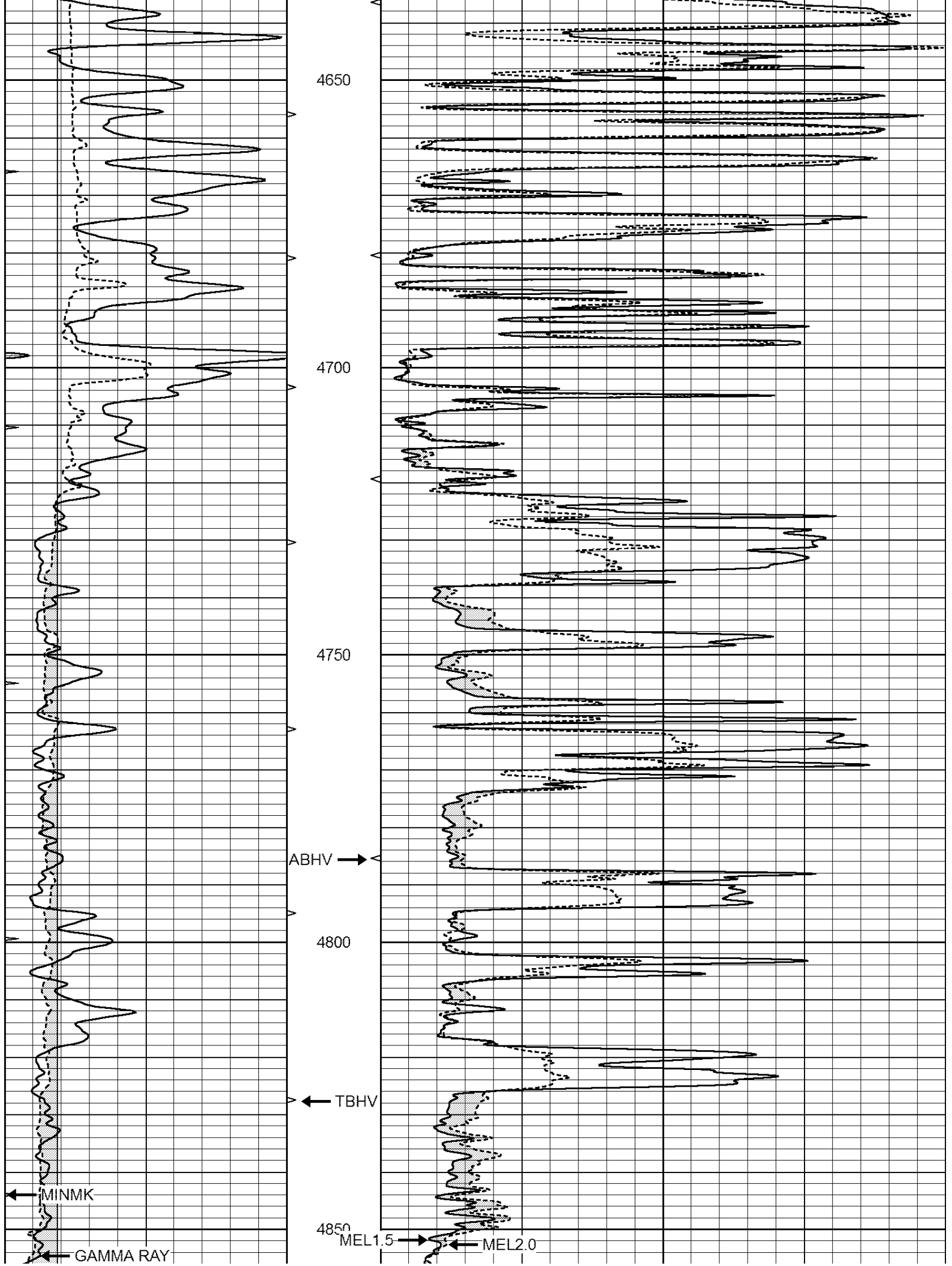
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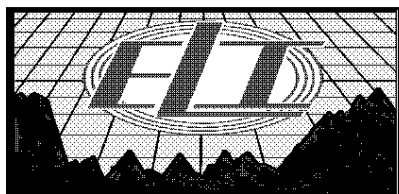
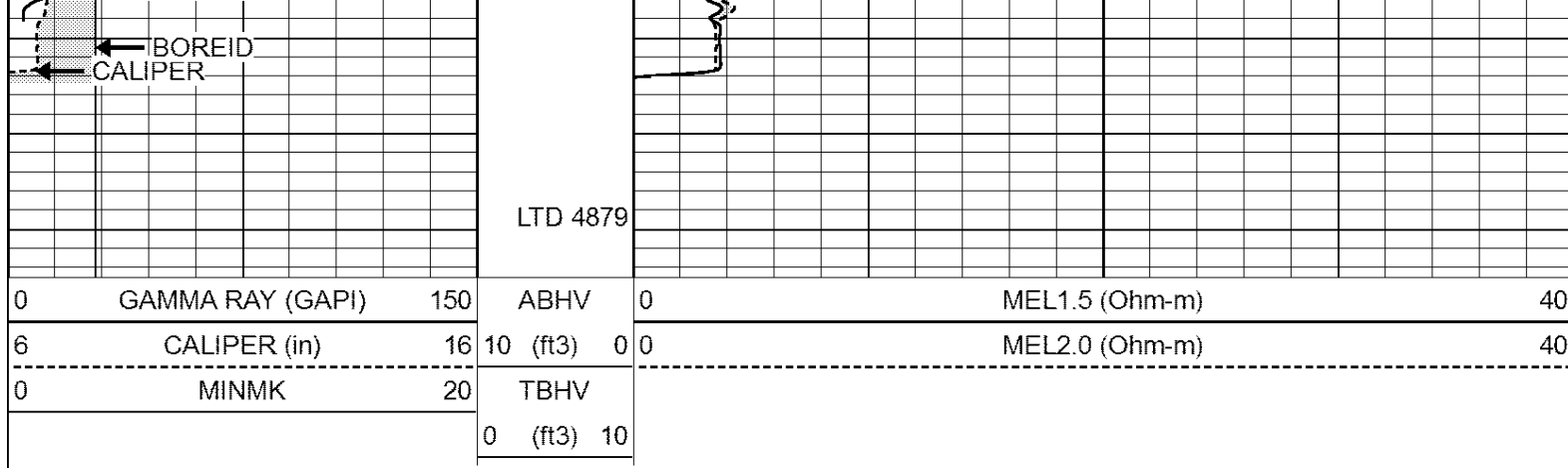
4500

4550

4600



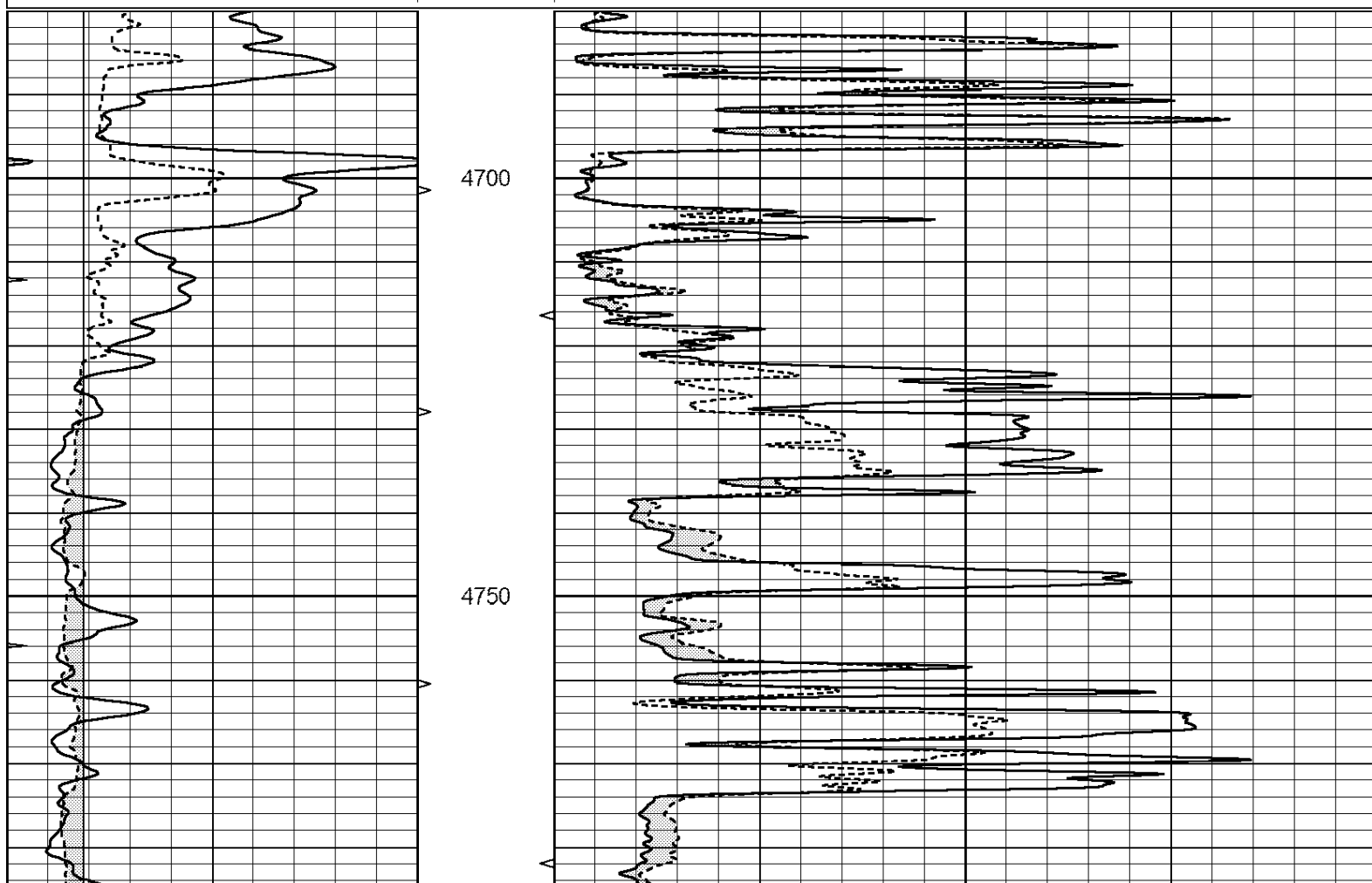


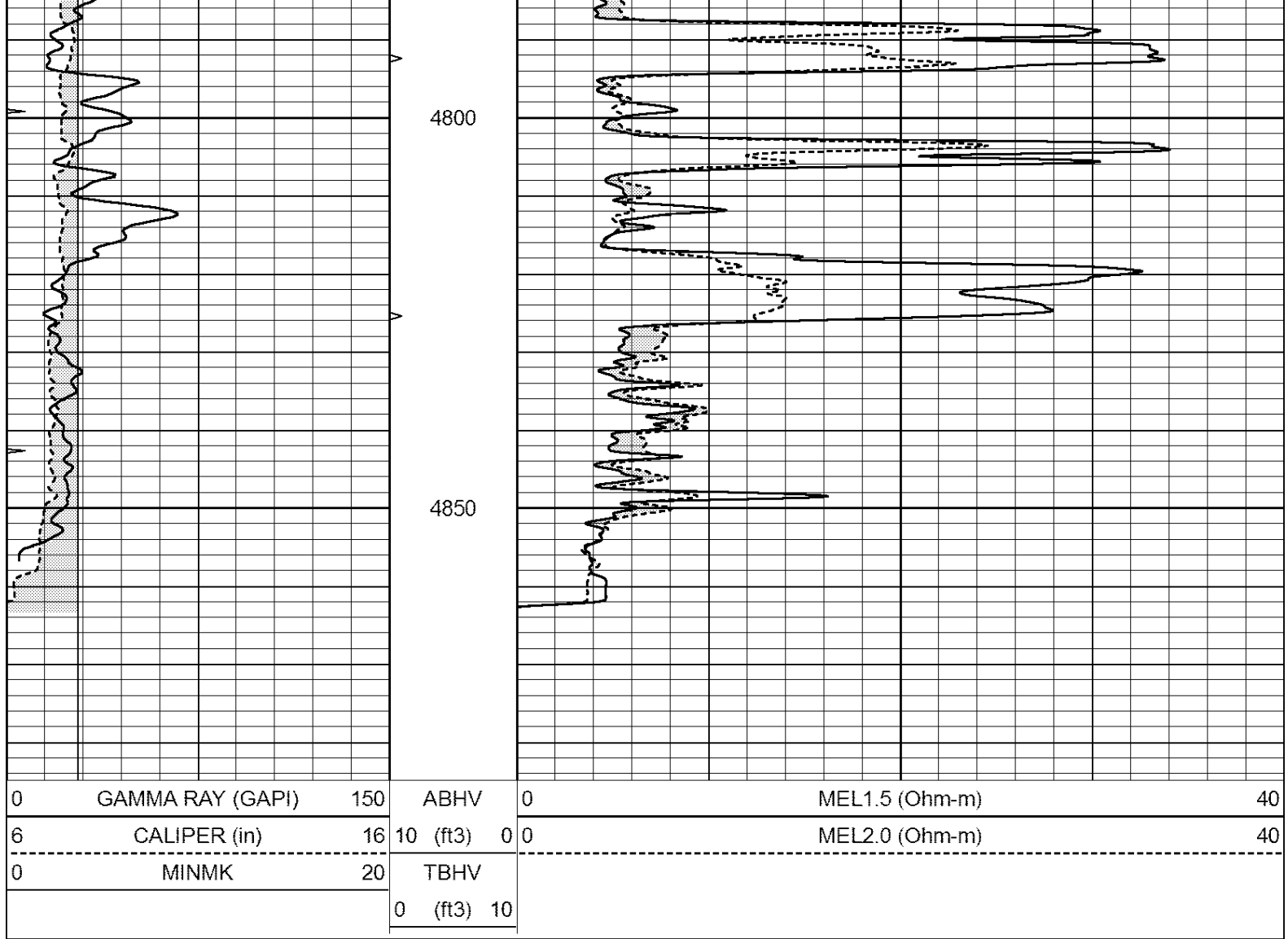


REPEAT SECTION

Database File: 2677pe.db
 Dataset Pathname: pass5.1
 Presentation Format: _micro
 Dataset Creation: Wed May 16 17:27:28 2018 by Calc Open-Cased 090629
 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		





Calibration Report			
Database File:	2677pe.db		
Dataset Pathname:	pass5.1		
Dataset Creation:	Wed May 16 17:27:28 2018 by Calc Open-Cased 090629		
MICRO Calibration Report			
Serial Number:	MICRO6		
Tool Model:	PROBE		
Performed:	Wed May 09 00:54:36 2018		
Caliper Calibration:	Gain=26.621	Offset=0.453	
	Low Cal	High Cal	
References	7.000	14.000	
Readings	0.217	0.478	
1.5" Calibration:	Gain=31.075	Offset=-0.400	
	Low Cal	High Cal	
References	0.000	20.000	
Readings	0.004	1.196	
2" Calibration:	Gain=43.000	Offset=-1.000	
	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:	Tue May 15 00:49:07 2018	
Calibrator Value:	150.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	175.0	cps
Sensitivity:	0.9000	GAPI/cps