



**COMPLETION  
& PRODUCTION  
SERVICES CO.**

**MICRO  
LOG**

Company	CASTELLI EXPLORATION, INC.	Company	CASTELLI EXPLORATION, INC.
Well	GREGG #1-13	Well	GREGG #1-13
Field	SHIMER	Field	SHIMER
County	COMANCHE	County	COMANCHE
State	KANSAS	State	KANSAS
Location:	API # : 15-033-21689-0000	Other Services	CDL/CNL/PE DIL
	700' FSL & 330' FEL	Elevation	
	SEC 13 TWP 33S RGE 17W	K.B. 1858	
Permanent Datum	GROUND LEVEL	D.F. 1856	
Log Measured From	KELLY BUSHING 17' A.G.L.	G.L. 1841	
Drilling Measured From	KELLY BUSHING		

Date	1/10/13
Run Number	TWO
Depth Driller	5251
Depth Logger	5252
Bottom Logged Interval	5250
Top Log Interval	4700
Casing Driller	13 3/8" @ 353'
Casing Logger	348
Bit Size	7 7/8"
Type Fluid in Hole	CHEMICAL MUD
Density / Viscosity	9.4/50
pH / Fluid Loss	10.5/9.2
Source of Sample	FLOWLINE
Rim @ Meas. Temp	.650 @ 103F
Rmf @ Meas. Temp	.488 @ 103F
Rmc @ Meas. Temp	.780 @ 103F
Source of Rmf / Rmc	MEASUREMENT
Rim @ BHT	.527 @ 127F
Time Circulation Stopped	4.5 HOURS
Time Logger on Bottom	7:15 P.M.
Maximum Recorded Temperature	127F
Equipment Number	4854
Location	HAYS, KANSAS
Recorded By	JEFF LUEBBERS
Witnessed By	RICK POPP

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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**

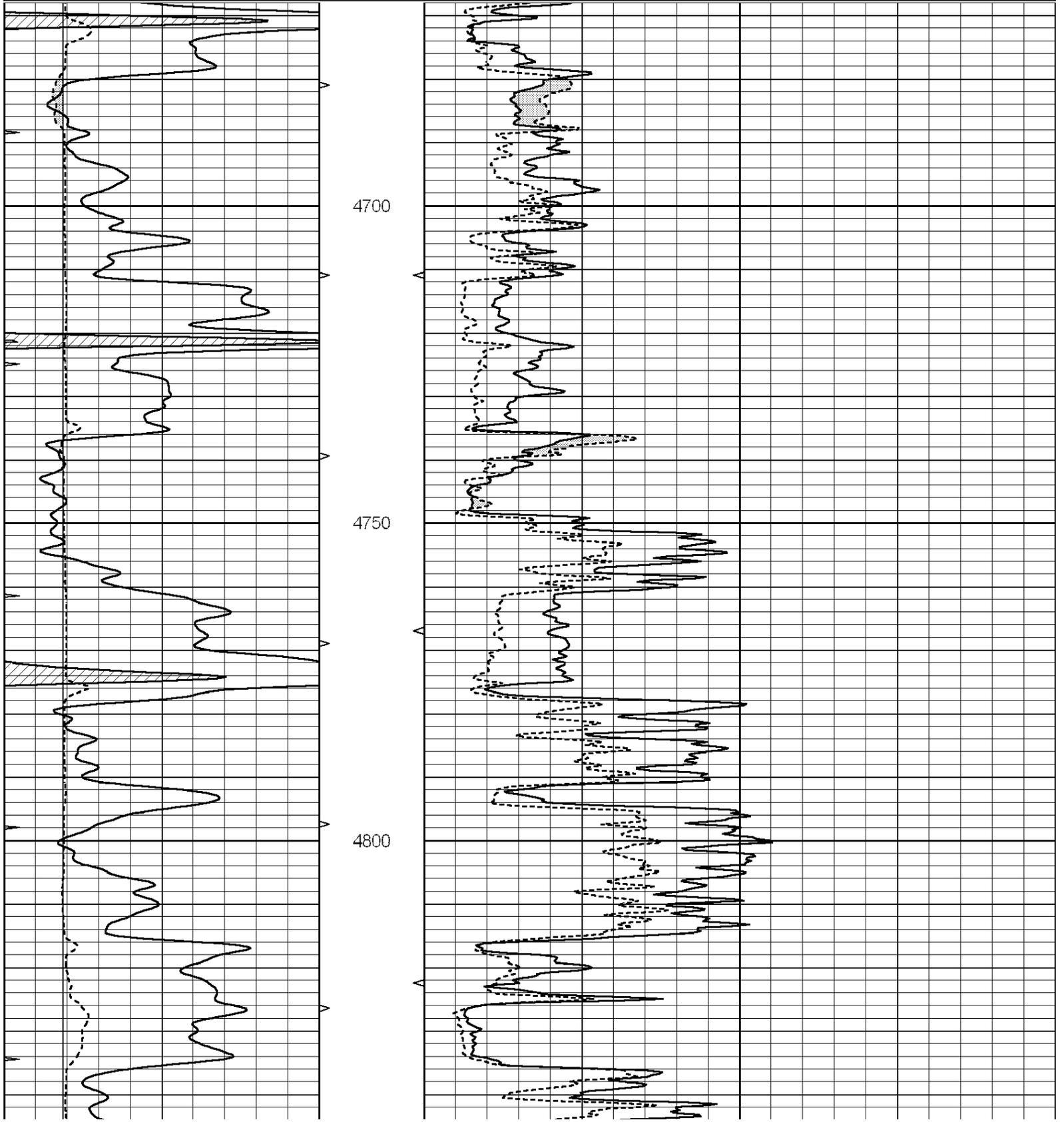
THANK YOU FOR USING "NABORS" HAYS, KANSAS (785) 628-6395  
DIRECTIONS  
COLDWATER, KS., 9E. ON HWY 160 TO (MM #193) "RD. 22", 4S. TO STOP SIGN, 2E. TO CURVE, 3S. TO  
WHITE SHED. GO WEST @ CURVE BEFORE SHED THEN BACK SOUTH

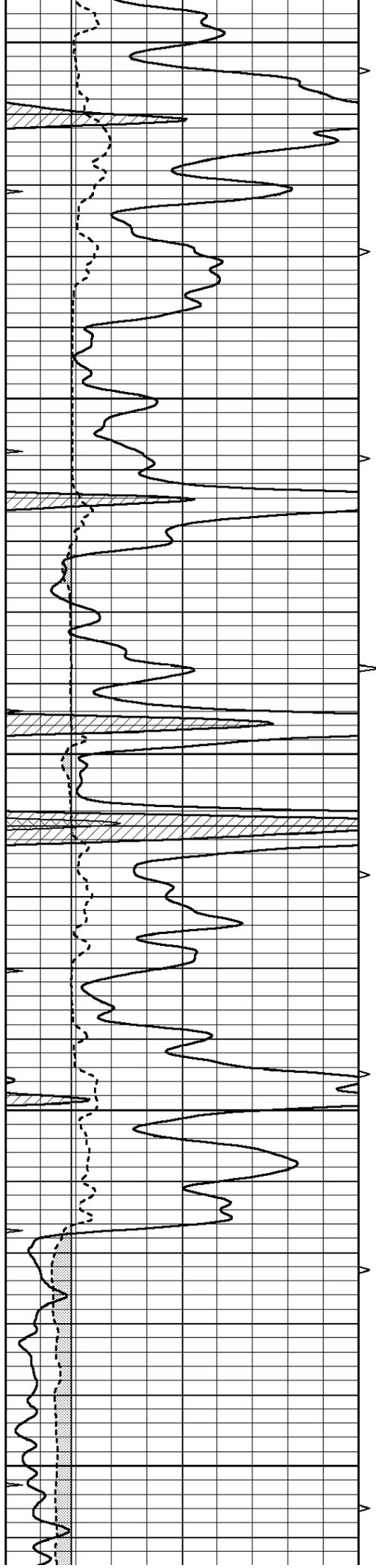


**MAIN SECTION**

Database File: 010043pe.db  
 Dataset Pathname: pass8.1  
 Presentation Format: micro  
 Dataset Creation: Thu Jan 10 22:43:24 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	MEL2.0 (Ohm-m)	40
0	MINMK	20	TBHV			
			0 (ft3)	10		





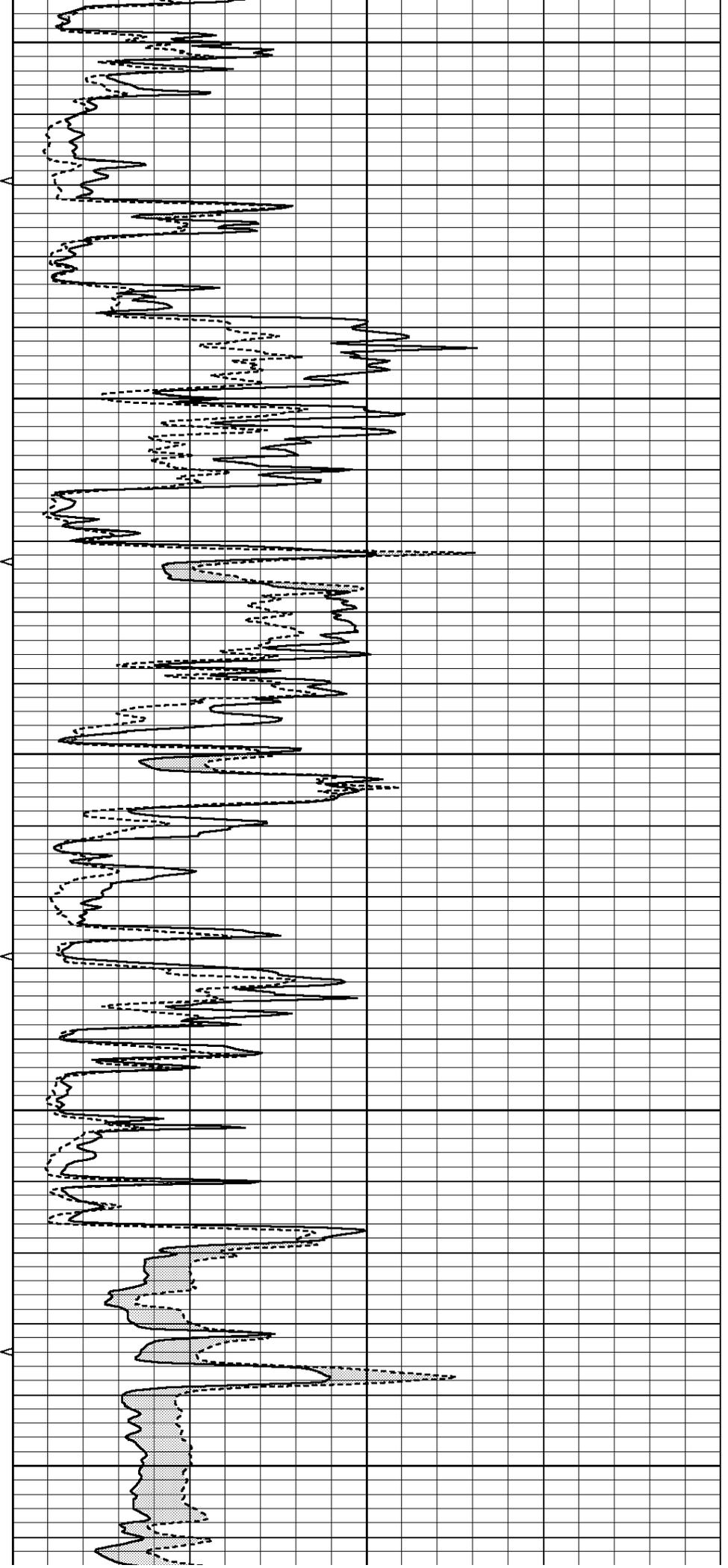
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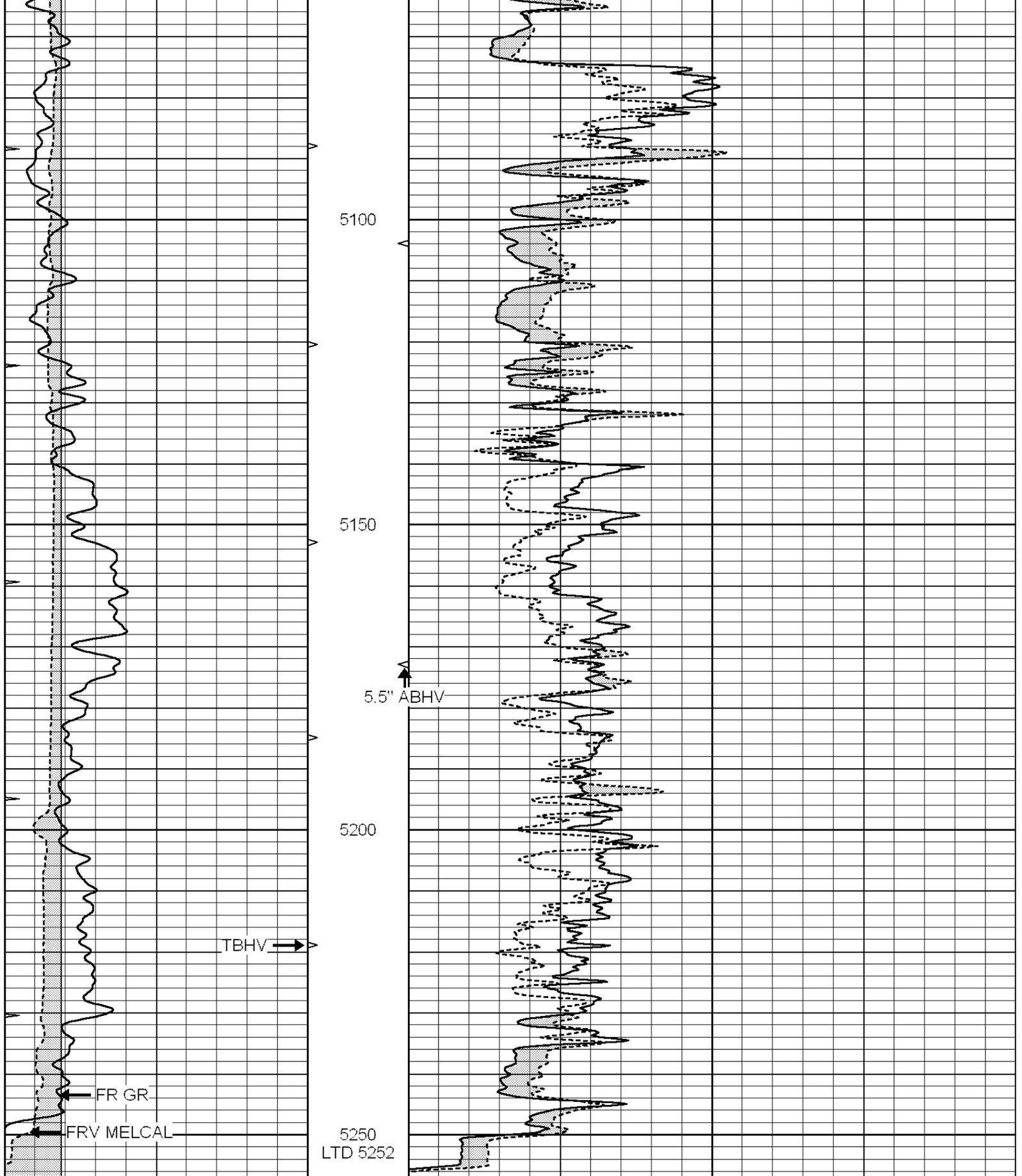
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5000

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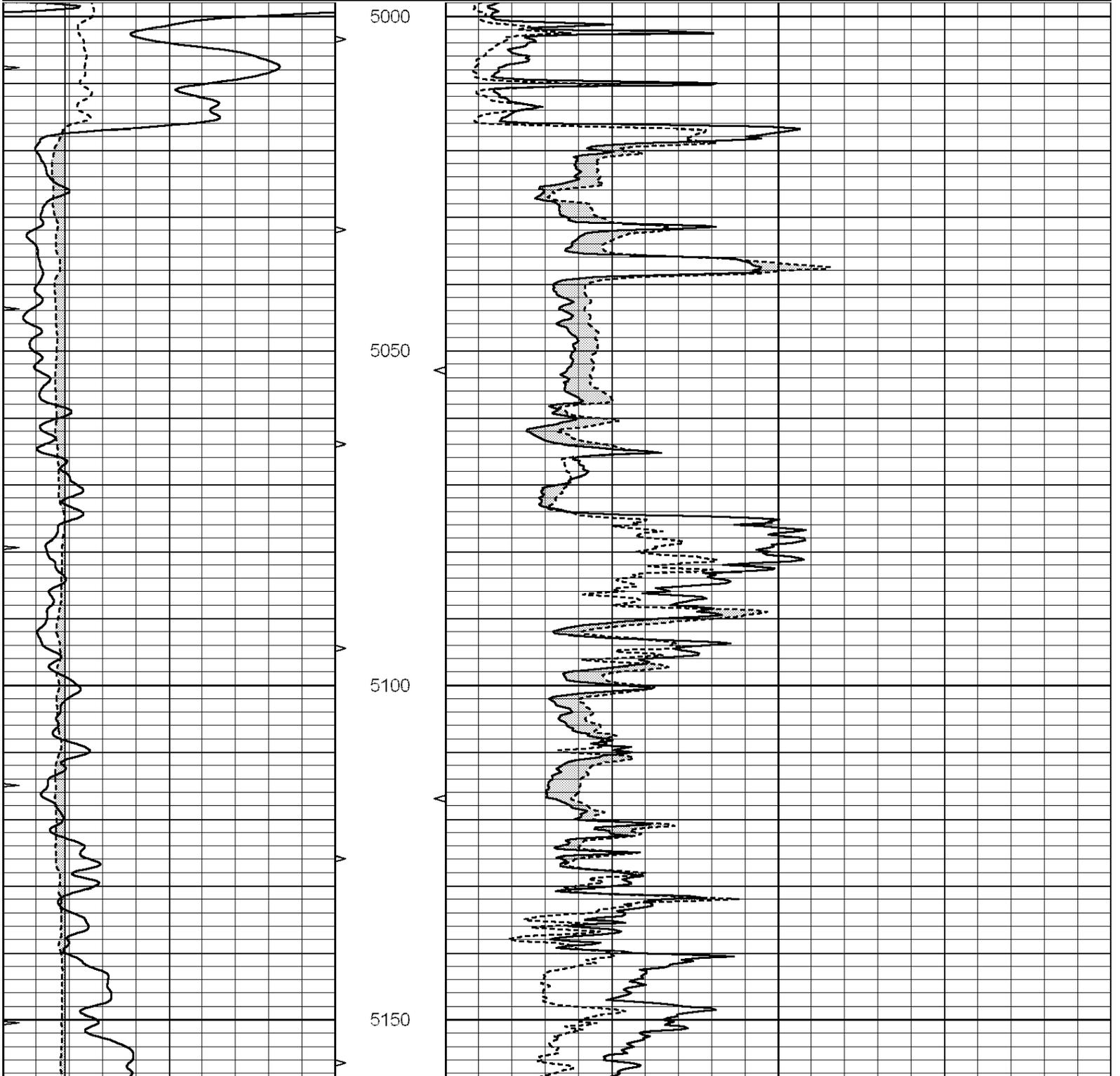


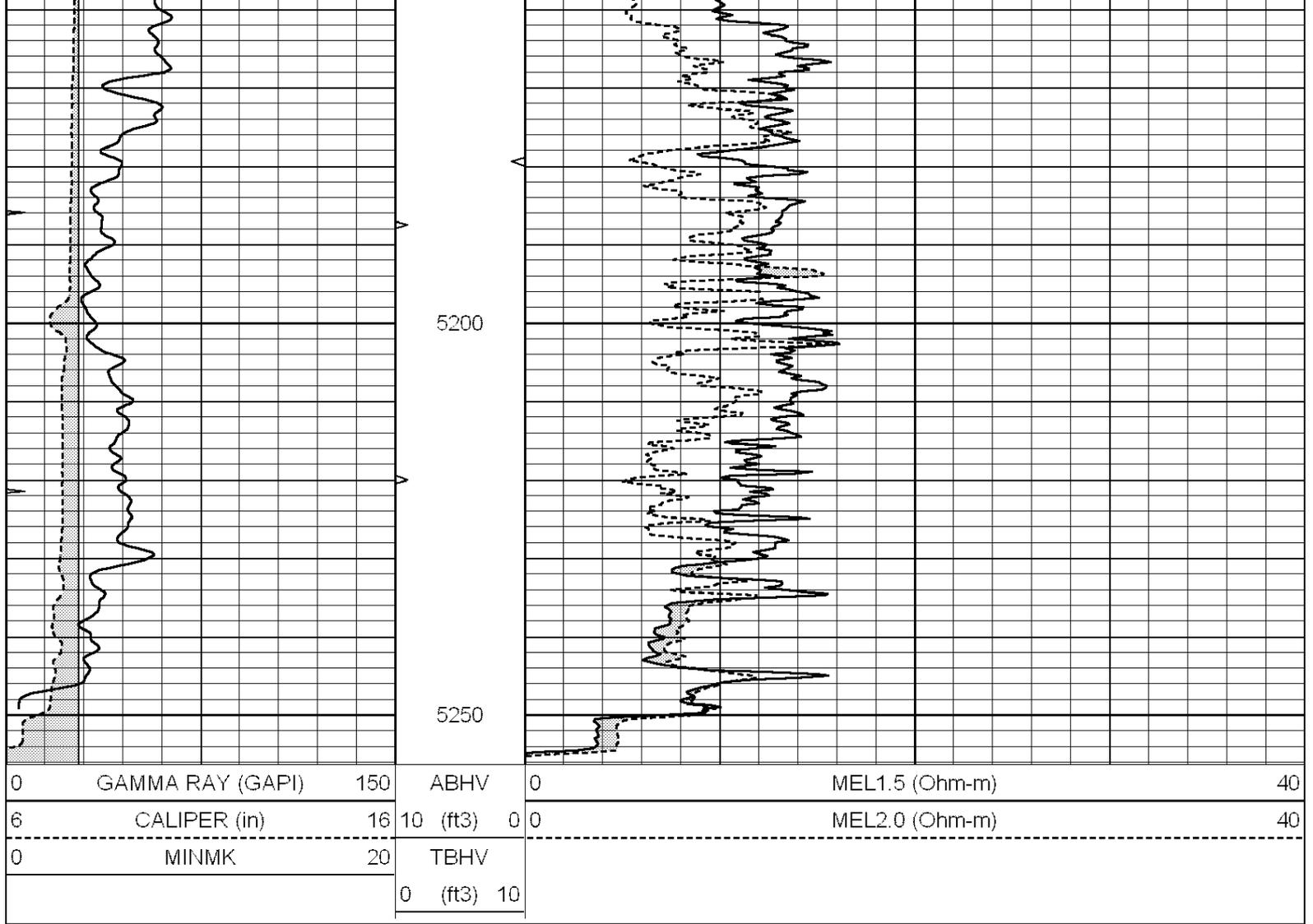
0	GAMMA RAY (GAPI)	150	ABHV	0	MEL1.5 (Ohm-m)	40
6	CALIPER (in)	16	10 (ft3)	0 0	MEL2.0 (Ohm-m)	40
0	MINMK	20	TBHV			
			0 (ft3)	10		

# REPEAT SECTION

Database File: 010043pe.db  
 Dataset Pathname: pass7.2  
 Presentation Format: micro  
 Dataset Creation: Thu Jan 10 22:28:37 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:	010043pe.db		
Dataset Pathname:	pass8.1		
Dataset Creation:	Thu Jan 10 22:43:24 2013 by Calc SOC 120430		
MICRO Calibration Report			
Serial Number:	2		
Tool Model:	PROBE		
Performed:	Thu Jan 10 22:03:35 2013		
Caliper Calibration:	Gain=4.772	Offset=3.353	
References	Low Cal	High Cal	
Readings	7.850	15.000	
	0.943	2.441	
1.5" Calibration:	Gain=40.000	Offset=-0.400	
References	Low Cal	High Cal	
Readings	0.000	20.000	
	0.065	1.210	
2" Calibration:	Gain=55.000	Offset=0.000	
References	Low Cal	High Cal	
Readings	0.000	20.000	
	0.012	1.043	

Gamma Ray Calibration Report

Serial Number: GR4  
Tool Model: OPEN  
Performed: Thu Jan 10 22:08:38 2013

Calibrator Value: 200.0 GAPI

Background Reading: 0.0 cps  
Calibrator Reading: 189.0 cps

Sensitivity: 1.5500 GAPI/cps