



**COMPLETION
& PRODUCTION
SERVICES CO.**

**MICRO
LOG**

Company	O'BRIEN RESOURCES, LLC.	Company	O'BRIEN RESOURCES, LLC.
Well	JENNISON 1 #3	Well	JENNISON 1 #3
Field	WILDCAT	Field	WILDCAT
County	LANE	County	LANE
State	KANSAS	State	KANSAS
Location:	API # : 15-101-22444-0000	Other Services	CDL/CNL/PE DIL
Permanent Datum	GROUND LEVEL	Elevation	2846
Log Measured From	KELLY BUSHING 11' A.G.L.	K.B.	2857
Drilling Measured From	KELLY BUSHING	D.F.	2855
	SEC 1 TWP 17S RGE 30W	G.L.	2846

Date	8/10/13
Run Number	TWO
Depth Driller	4670
Depth Logger	4668
Bottom Logged Interval	4666
Top Log Interval	3600
Casing Driller	8 5/8"@266'
Casing Logger	268
Bit Size	7 7/8"
Type Fluid in Hole	CHEMICAL MUD
Density / Viscosity	9.0/55
pH / Fluid Loss	10.5/7.4
Source of Sample	FLOWLINE
Rim @ Meas. Temp	1.30@80F
Rmf @ Meas. Temp	.975@80F
Rmc @ Meas. Temp	1.56@80F
Source of Rmf / Rmc	MEASUREMENT
Rim @ BHT	.852@122F
Time Circulation Stopped	4.5 HOURS
Time Logger on Bottom	6:15 A.M.
Maximum Recorded Temperature	122F
Equipment Number	4854
Location	HAYS, KANSAS
Recorded By	JEFF LUEBBERS
Witnessed By	KURT TALBOTT

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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

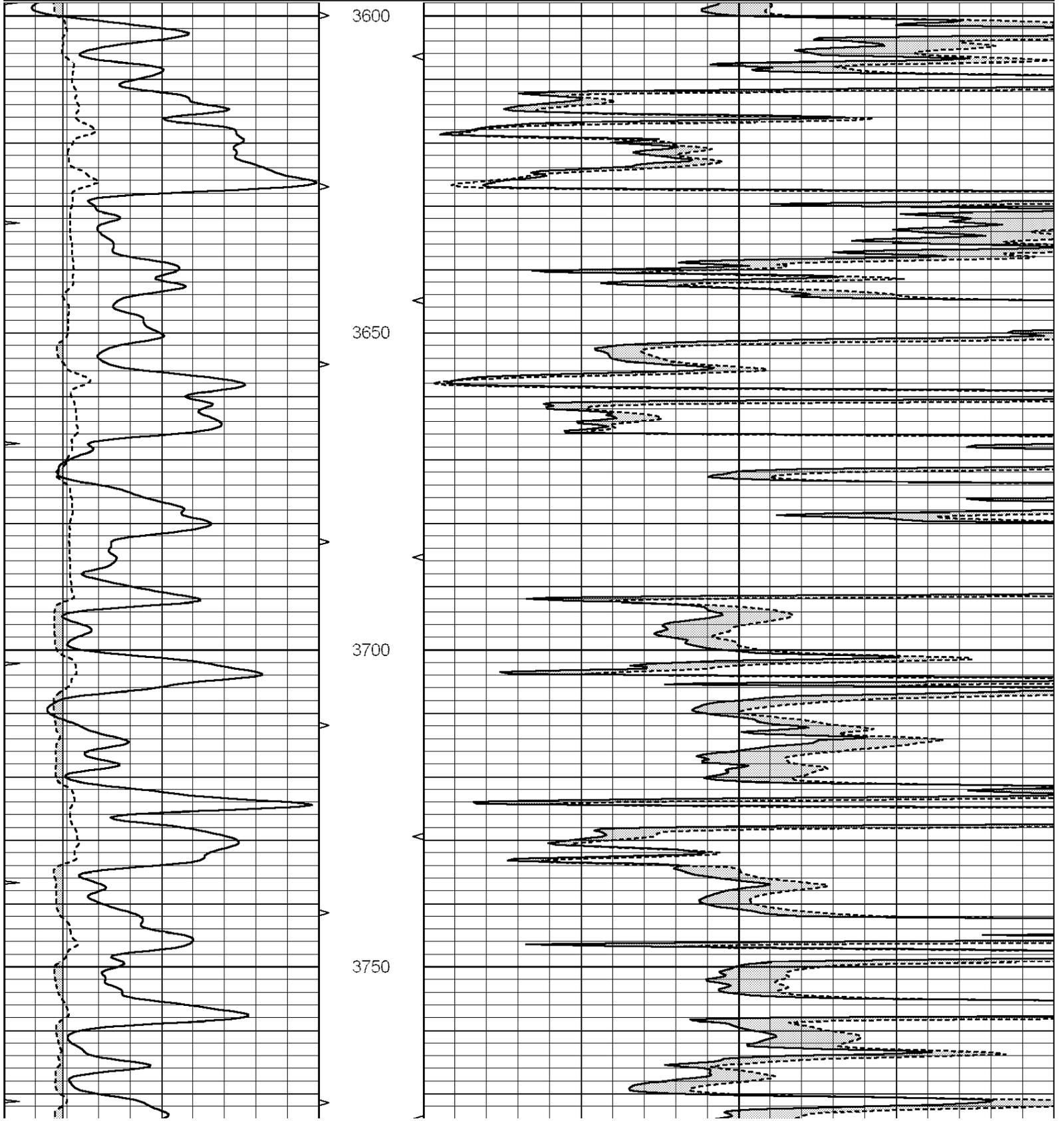
THANK YOU FOR USING "NABORS" HAYS, KANSAS (785) 628-6395
DIRECTIONS
HEALY, KS., 1E. ON HWY4 TO "EAGLE RD.", 3/4N., E. INTO THEN BACK S. BEHIND HOUSE

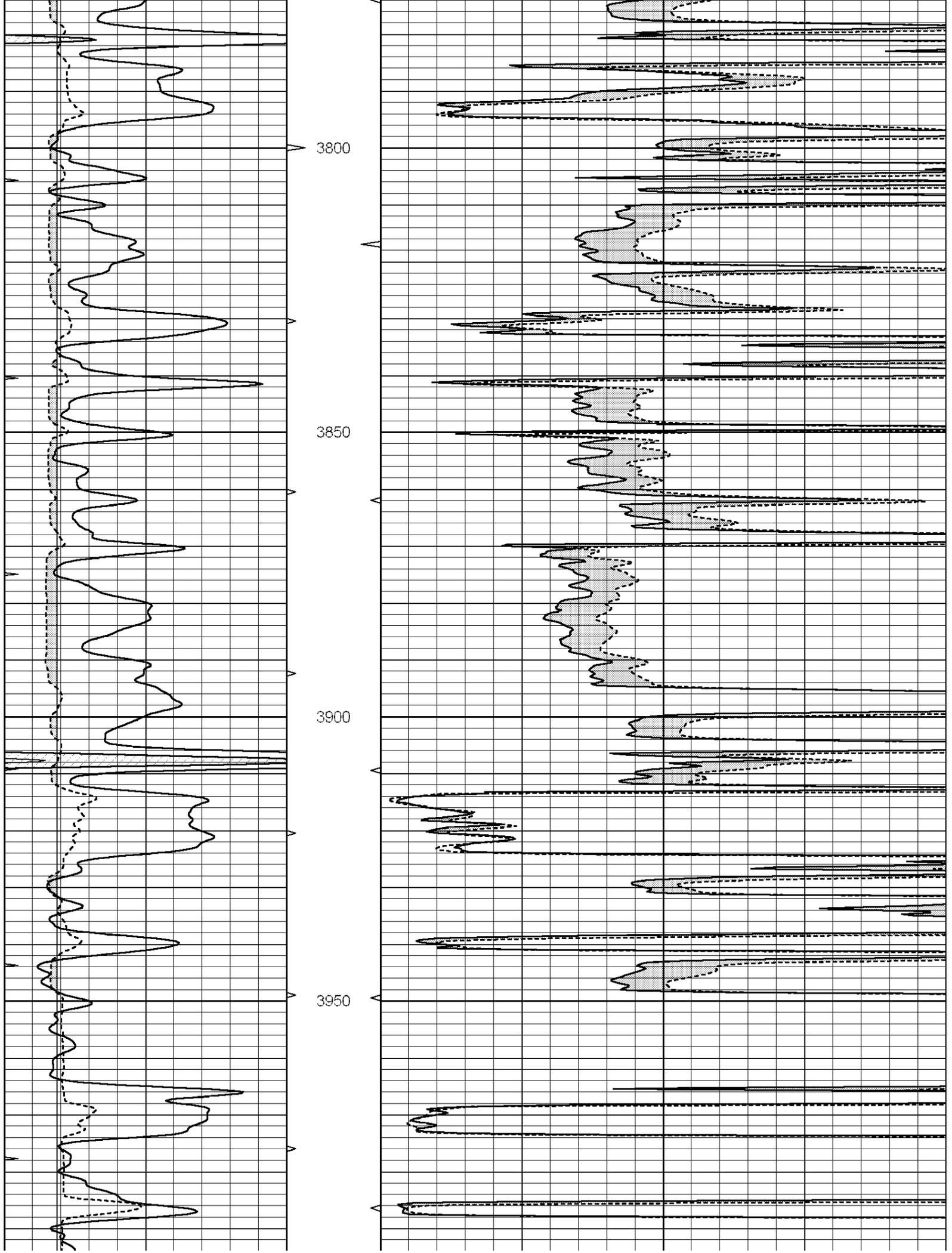


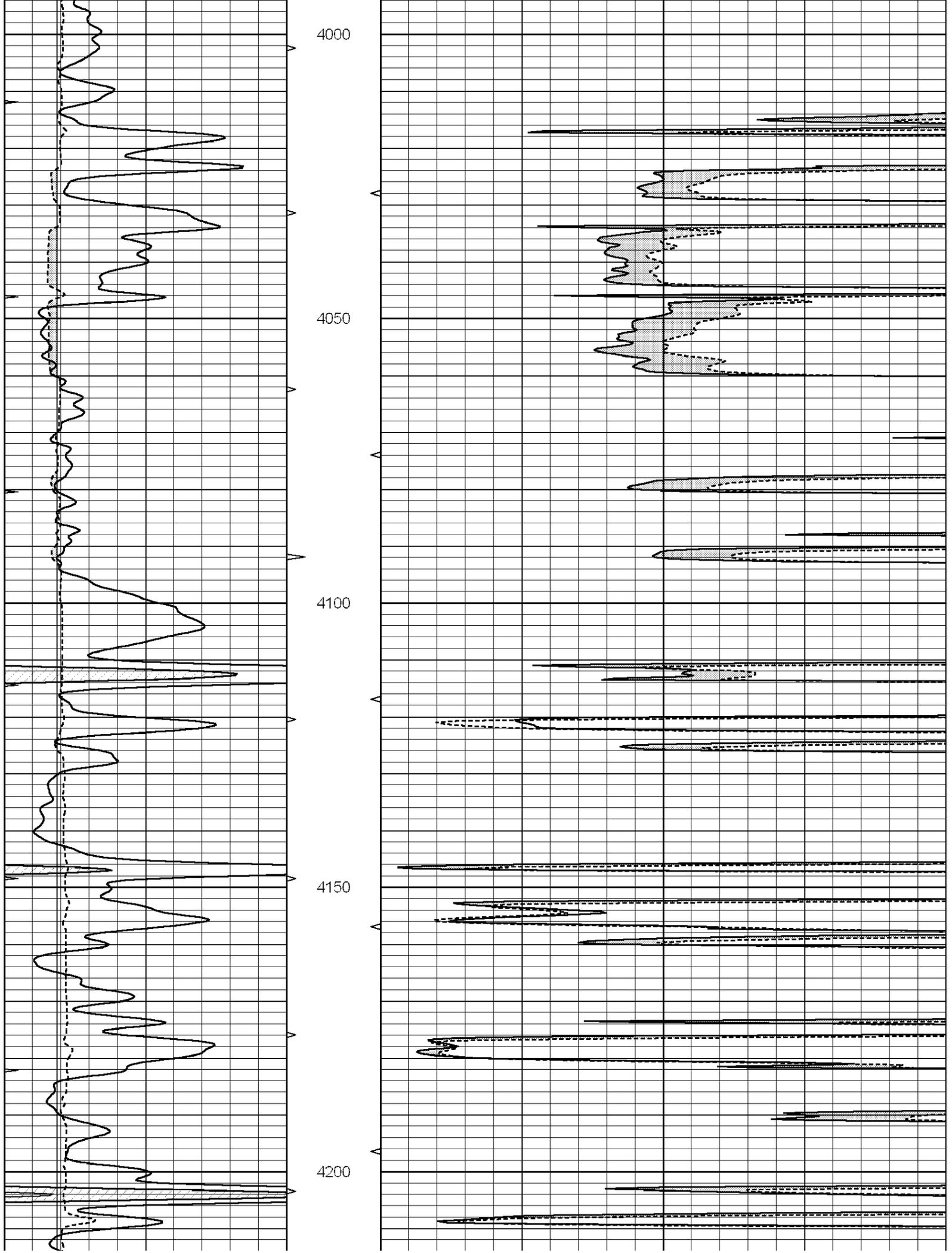
MAIN SECTION

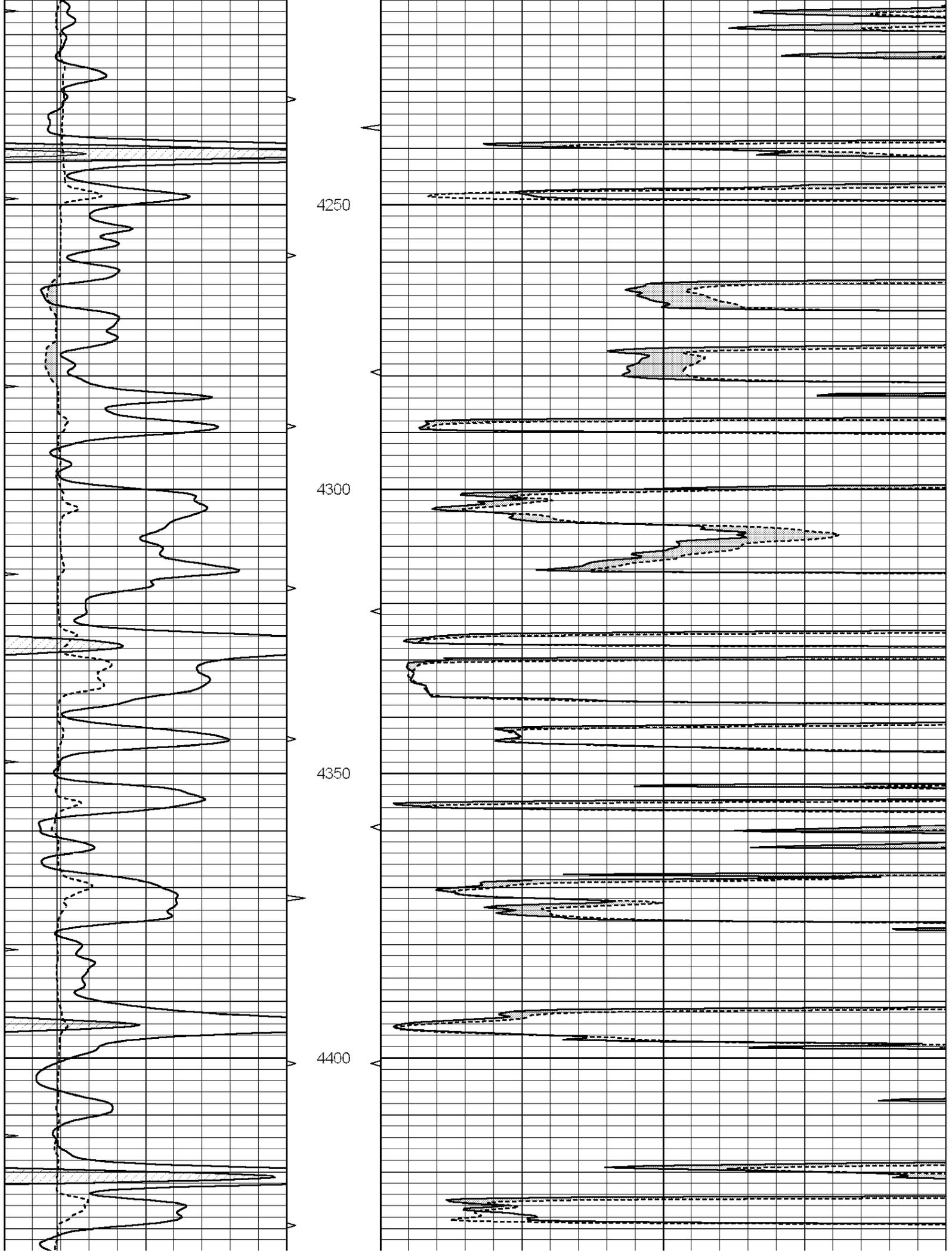
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 Dataset Pathname: pass7.7
 Presentation Format: micro
 Dataset Creation: Sat Aug 10 09:25:05 2013
 Charted by: Depth in Feet scaled 1:240

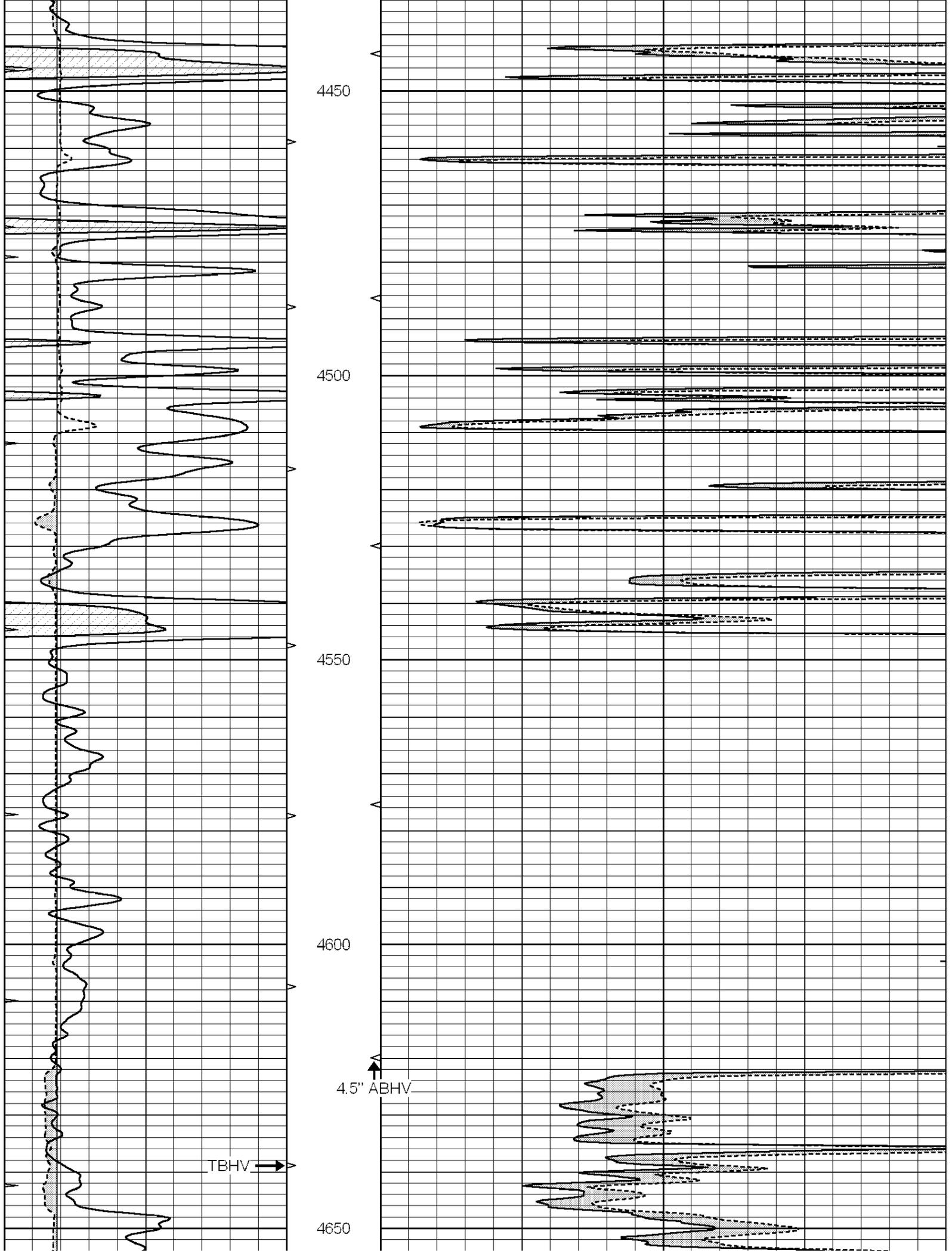
0	GAMMA RAY (GAPI)	150	ABHV	0	MEL1.5 (Ohm-m)	40
6	CALIPER (in)	16	10 (ft3)	0	MEL2.0 (Ohm-m)	40
0	MINMK	20	TBHV			
			0 (ft3)	10		

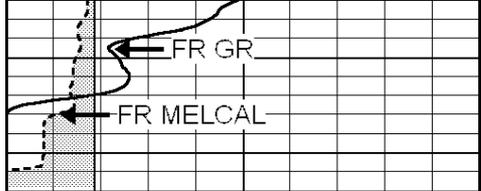












LTD 4668



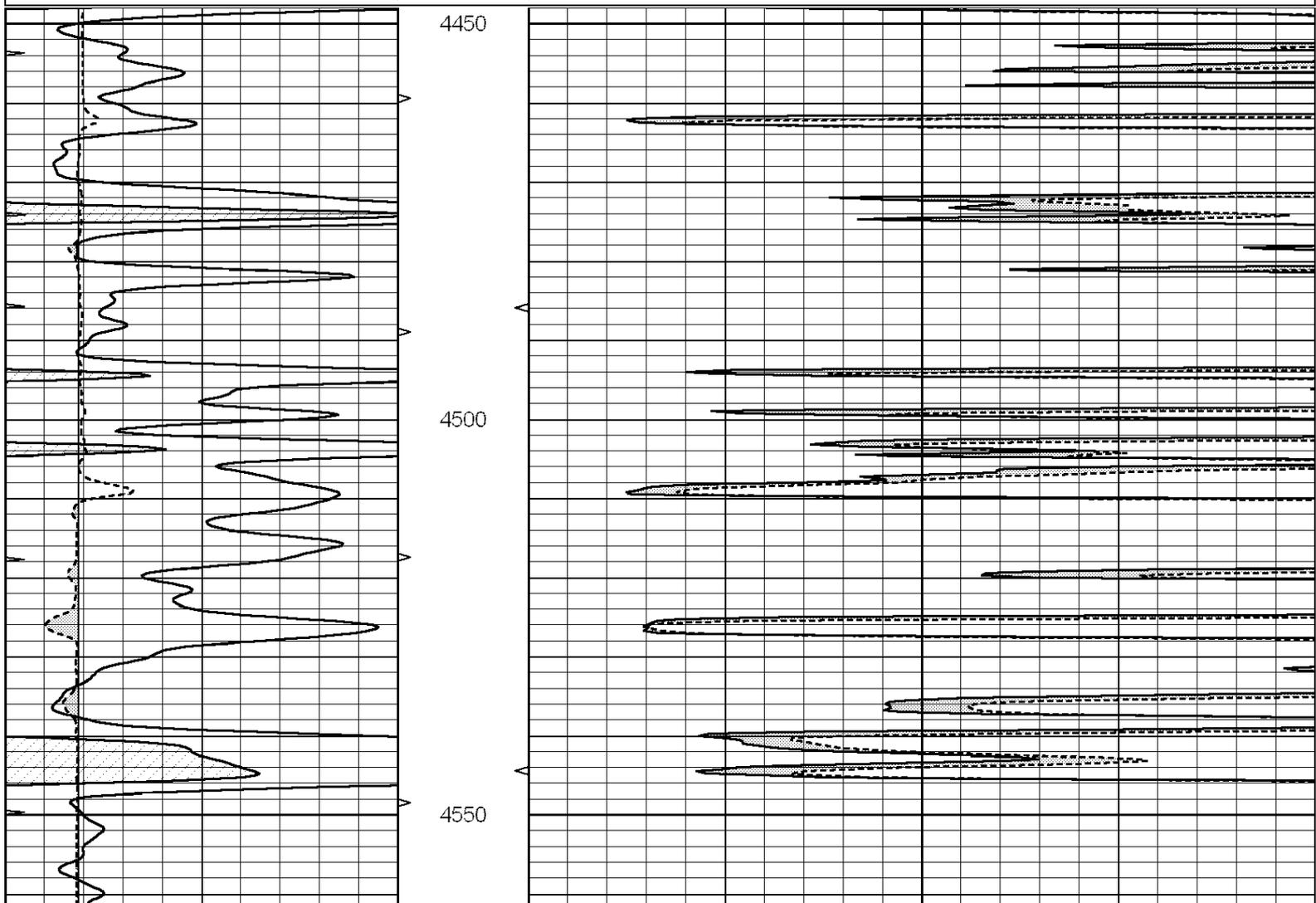
0	GAMMA RAY (GAPI)	150	ABHV	0	MEL1.5 (Ohm-m)	40
6	CALIPER (in)	16	10 (ft3)	0 0	MEL2.0 (Ohm-m)	40
0	MINMK	20	TBHV			
			0 (ft3)	10		

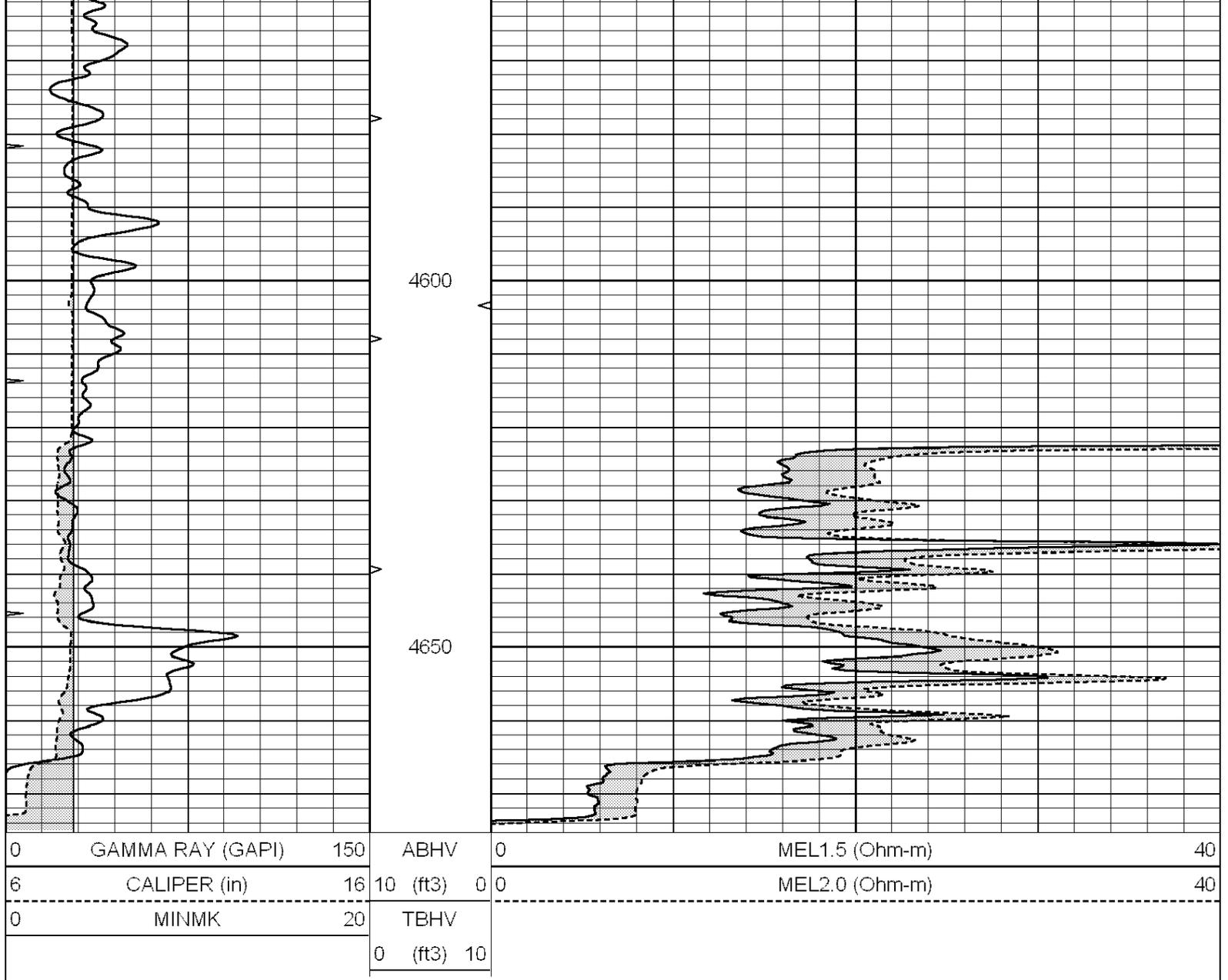


REPEAT SECTION

Database File: 011652pe.db
 Dataset Pathname: pass6.2
 Presentation Format: micro
 Dataset Creation: Sat Aug 10 09:08:34 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: 011652pe.db
 Dataset Pathname: pass7.7
 Dataset Creation: Sat Aug 10 09:25:05 2013

MICRO Calibration Report

Serial Number: 2
 Tool Model: PROBE
 Performed: Sun Jun 23 22:34:27 2013

Caliper Calibration: Gain=6.446 Offset=-3.761

References	Low Cal	High Cal
Readings	7.400	16.000
	1.731	3.065

1.5" Calibration: Gain=48.000 Offset=-5.400

References	Low Cal	High Cal
Readings	0.000	20.000
	0.015	0.458

2" Calibration: Gain=76.000 Offset=-5.300

	Low Cal	High Cal
References	0.000	20.000
Readings	0.003	0.384

Gamma Ray Calibration Report

Serial Number:	GR3	
Tool Model:	OPEN	
Performed:	Sat Aug 10 08:23:09 2013	
Calibrator Value:	200.0	GAPI
Background Reading:	3.0	cps
Calibrator Reading:	186.0	cps
Sensitivity:	1.0000	GAPI/cps