NABORS COMPLETION & PRODUCTION SERVICES CO.

MICRO LOG

Company MUSTANG ENERGY CORP.
Well DOLECHEK #1
Field
County RUSH
State KANSAS

Location: API # : 15-165-22046-0000
1550' FSL & 1980' FWL
S/2 - S/2 - NE - SW
SEC 1 TWP 16S RGE 19W

Permanent Datum GROUND LEVEL Elevation 2026
Log Measured From KELLY BUSHING 8' A.G.L.
Drilling Measured From KELLY BUSHING

Other Services: CDL/CNL, DIL

Elevation: K.B. 2034, D.F. 2032, G.L. 2026

Date	12/3/13		
Run Number	TWO		
Depth Driller	3680		
Depth Logger	3681		
Bottom Logged Interval	3679		
Top Log Interval	2900		
Casing Driller	8 5/8" @ 1222		
Casing Logger	1221		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 2,000 PPM	
Density / Viscosity	9.1/53		
pH / Fluid Loss	10.5/8.4		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	.75 @ 69F		
Rmf @ Meas. Temp	.56 @ 69F		
Rmc @ Meas. Temp	.90 @ 69F		
Source of Rmf / Rmc	MEASUREMENT		
Rm @ BHT	.45 @ 113F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom			
Maximum Recorded Temperature	113F		
Equipment Number	4010		
Location	HAYS, KANSAS		
Recorded By	JEFF GRONEWEG		
Witnessed By	CHRIS NEELEY		

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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, KS. (785) 628-6395
DIRECTIONS:
HAYS, KS - SOUTH TO ELLIS/RUSH COUNTY LINE - 1 MILE SOUTH TO AVE B
3 MILES WEST - NORTH INTO

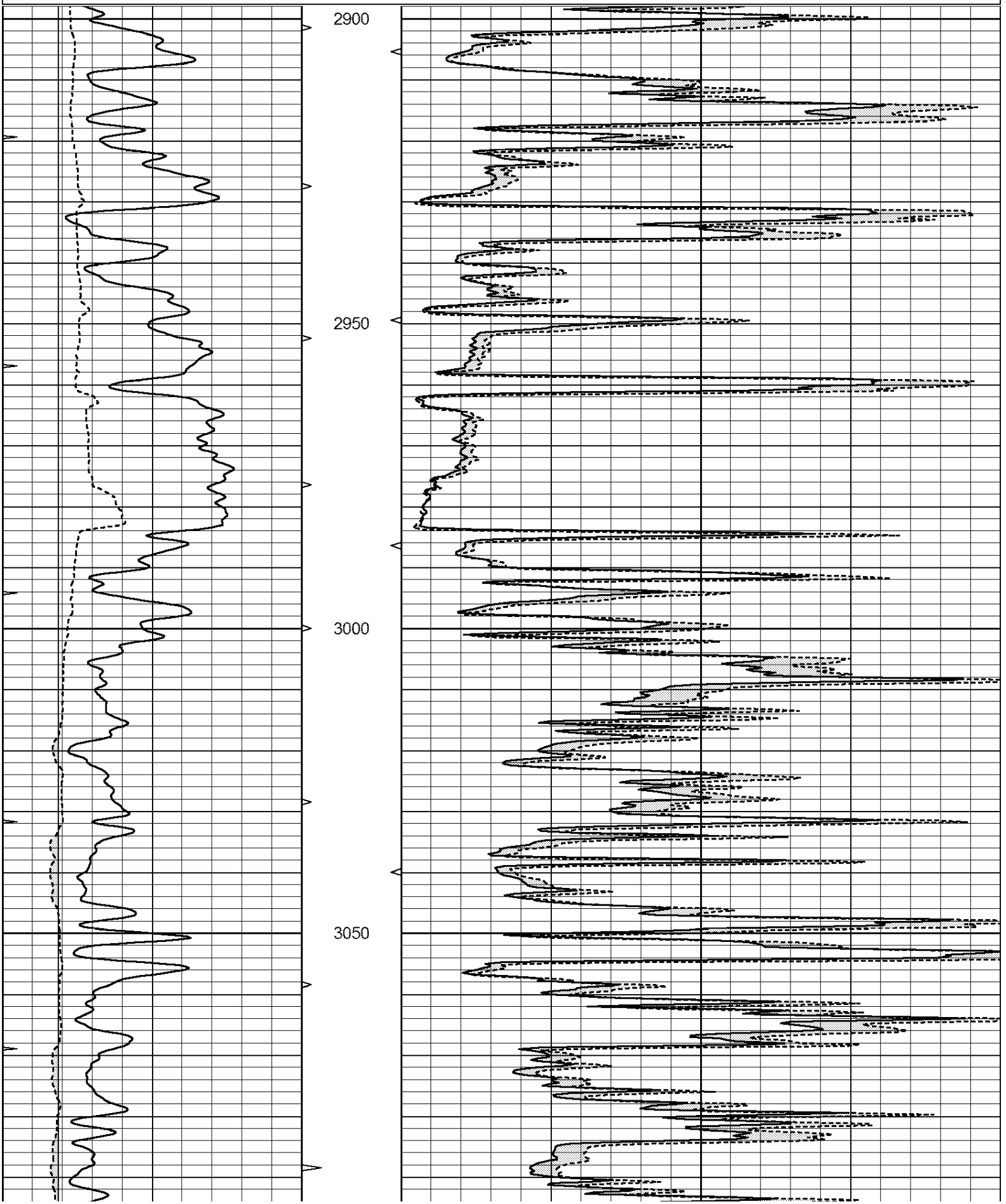
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Dataset Pathname: pass5.1
Presentation Format: _micro
Dataset Creation: Tue Dec 03 22:20:41 2013 by Calc Open-Cased 090629
Charted by: Depth in Feet scaled 1:240

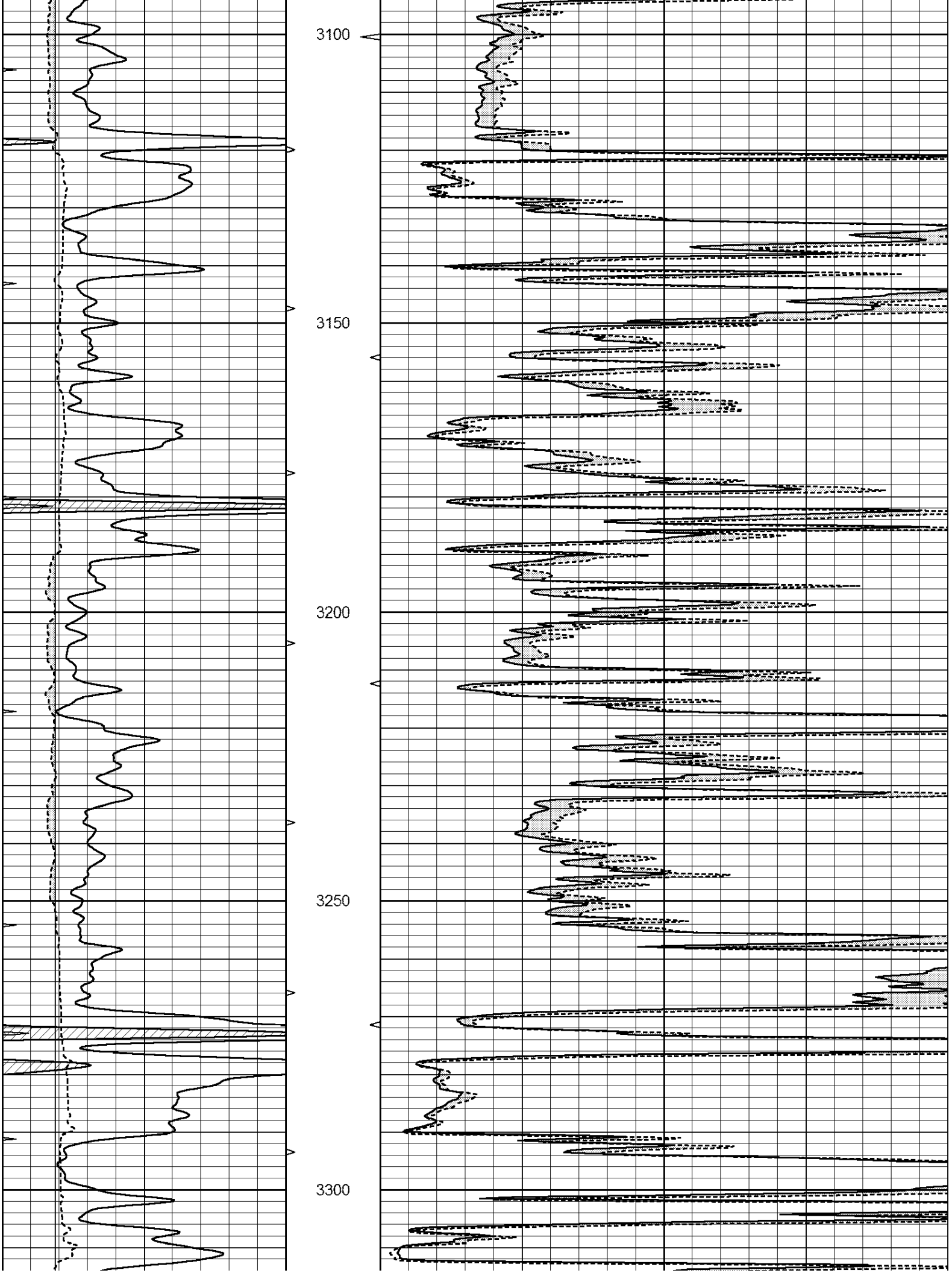
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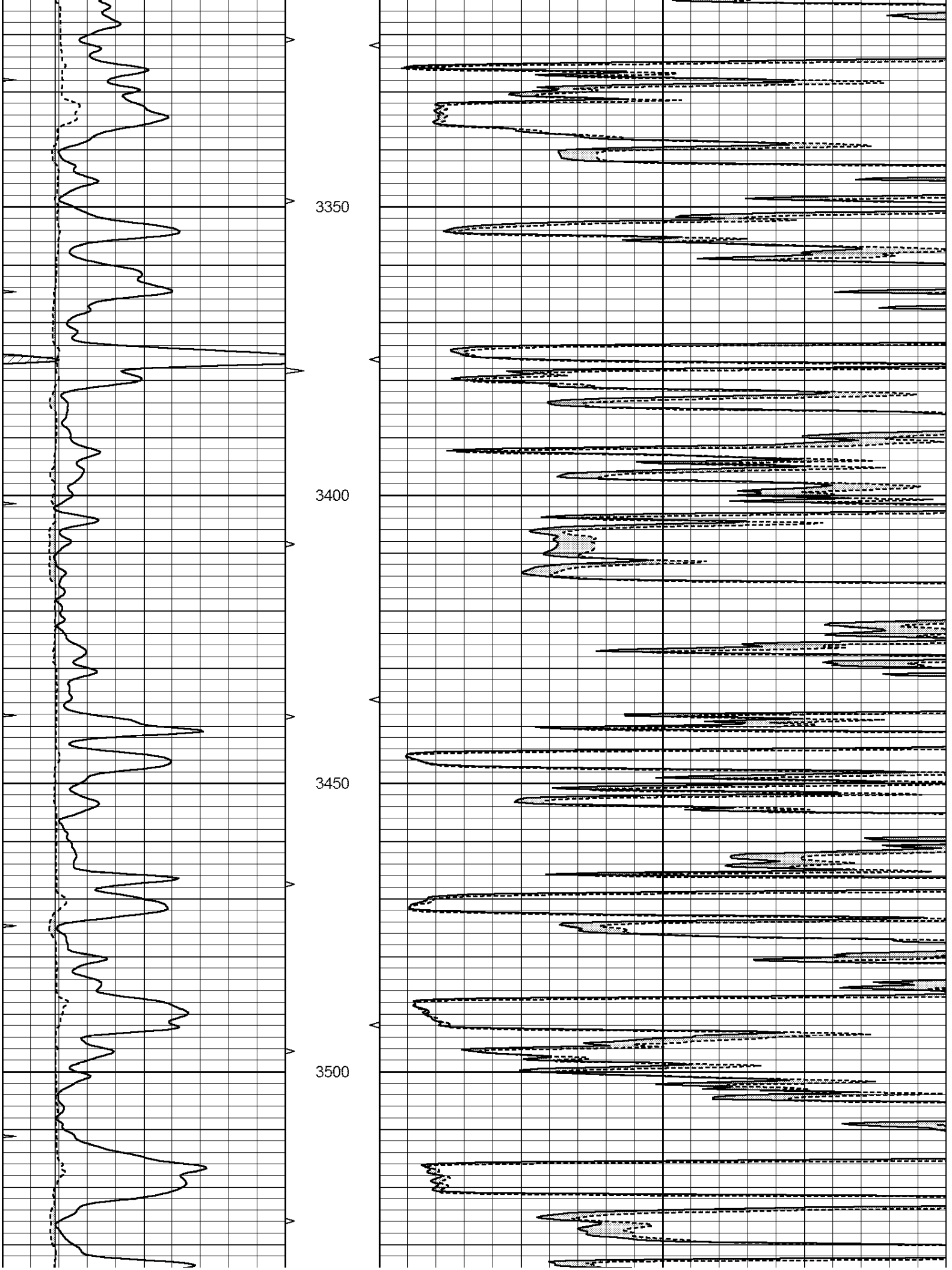
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6	CALIPER (in)	16
0	MINMK	20

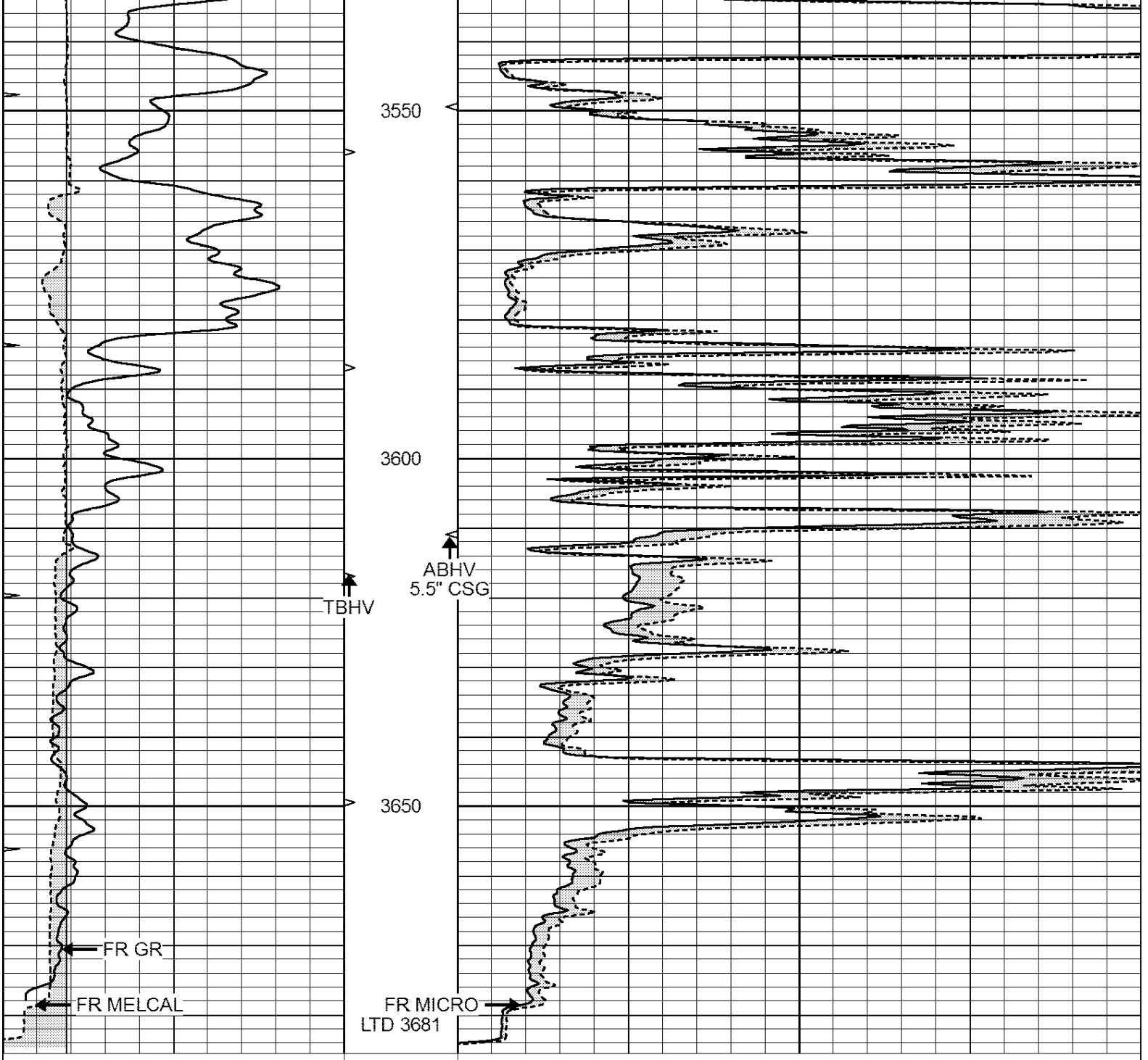
ABHV		
10	(ft3)	0
TBHV		
0	(ft3)	10

0	MEL1.5 (Ohm-m)	40
0	MEL2.0 (Ohm-m)	40




3100
3150
3200
3250
3300


3350
3400
3450
3500



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			

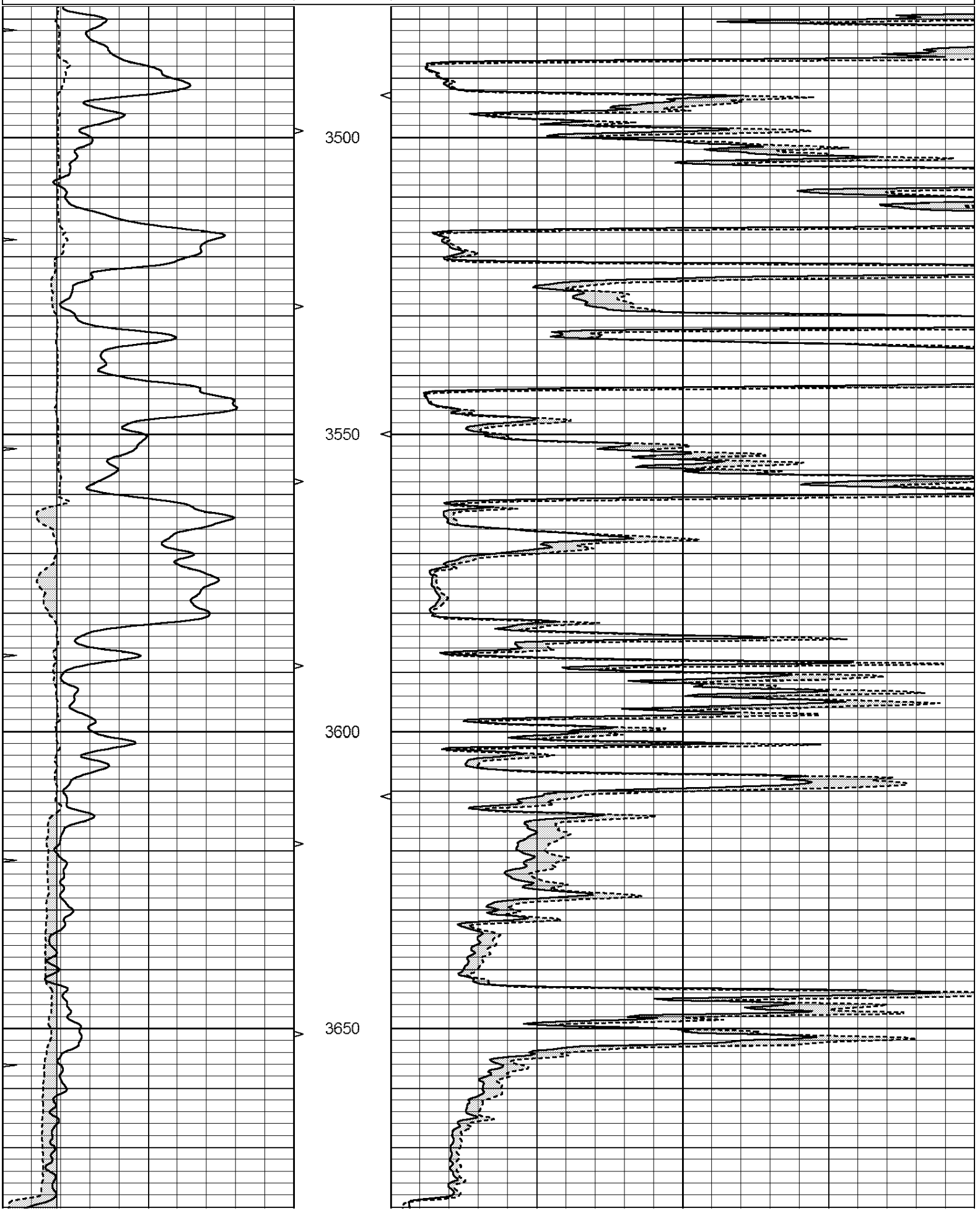
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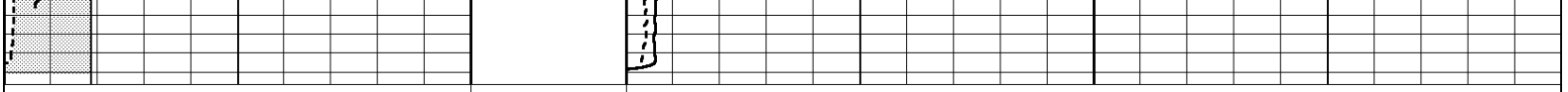
REPEAT SECTION

Database File:	22103ddn.db
Dataset Pathname:	pass4.1.3
Presentation Format:	_micro
Dataset Creation:	Tue Dec 03 21:58:18 2013 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			

6	CALIPER (in)	16	10 (ft3) 0	0	MEL2.0 (Ohm-m) 40
0	MINMK	20	TBHV		
			0 (ft3) 10		





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: 22103ddn.db
Dataset Pathname: pass5.1
Dataset Creation: Tue Dec 03 22:20:41 2013 by Calc Open-Cased 090629

MICRO Calibration Report

Serial Number: MICRO6
Tool Model: PROBE
Performed: Mon Nov 25 14:45:02 2013

Caliper Calibration: Gain=5.542 Offset=-1.320

	Low Cal	High Cal
References	8.000	14.000
Readings	1.431	2.513

1.5" Calibration: Gain=38.075 Offset=-0.700

	Low Cal	High Cal
References	0.000	20.000
Readings	0.004	1.196

2" Calibration: Gain=54.041 Offset=-1.500

	Low Cal	High Cal
References	0.000	20.000
Readings	0.006	0.913

Gamma Ray Calibration Report

Serial Number: GR6
Tool Model: OPEN
Performed: Fri Nov 29 08:34:37 2013

Calibrator Value: 150.0 GAPI

Background Reading: 0.0 cps
Calibrator Reading: 276.0 cps

Sensitivity: 0.5535 GAPI/cps