NABORS COMPLETION & PRODUCTION SERVICES CO.

MICRO LOG

Company	L. D. DRILLING, INC.
Well	#1-16 FLOREINE
Field	WILDCAT
County	BARTON
State	KANSAS

Company L. D. DRILLING, INC.
Well #1-16 FLOREINE
Field WILDCAT
County BARTON State KANSAS
Location: API # : 15-009-25837-0000
1785' FSL & 1151' FEL
NW - SW - NE - SE
SEC 16 TWP 18S RGE 14W

Other Services: CDL/CNL, DIL/SONIC

Permanent Datum: GROUND LEVEL Elevation 1935
Log Measured From: KELLY BUSHING 5' A.G.L.
Drilling Measured From: KELLY BUSHING

Elevation: K.B. 1940, D.F. 1938, G.L. 1935

Date	5/20/13		
Run Number	TWO		
Depth Driller	3550		
Depth Logger	3550		
Bottom Logged Interval	3528		
Top Log Interval	2800		
Casing Driller	8 5/8"@930'		
Casing Logger	932		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 5,000 PPM	
Density / Viscosity	8.8/54		
pH / Fluid Loss	9.5/8.8		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	.700@82F		
Rmf @ Meas. Temp	.525@82F		
Rmc @ Meas. Temp	.840@82F		
Source of Rmf / Rmc	MEASUREMENT		
Rm @ BHT	.513@112F		
Time Circulation Stopped	3.5 HOURS		
Time Logger on Bottom	1:00 P.M.		
Maximum Recorded Temperature	112F		
Equipment Number	4854		
Location	HAYS, KANSAS		
Recorded By	JEFF LUEBBERS		
Witnessed By	KIM SHOEMAKER		

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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
(HWY 4 & 281) W. OF HOISINGTON, KS., 3S. ON BOYD RD. TO "RD. 90", 1W., 1/2S., W. INTO

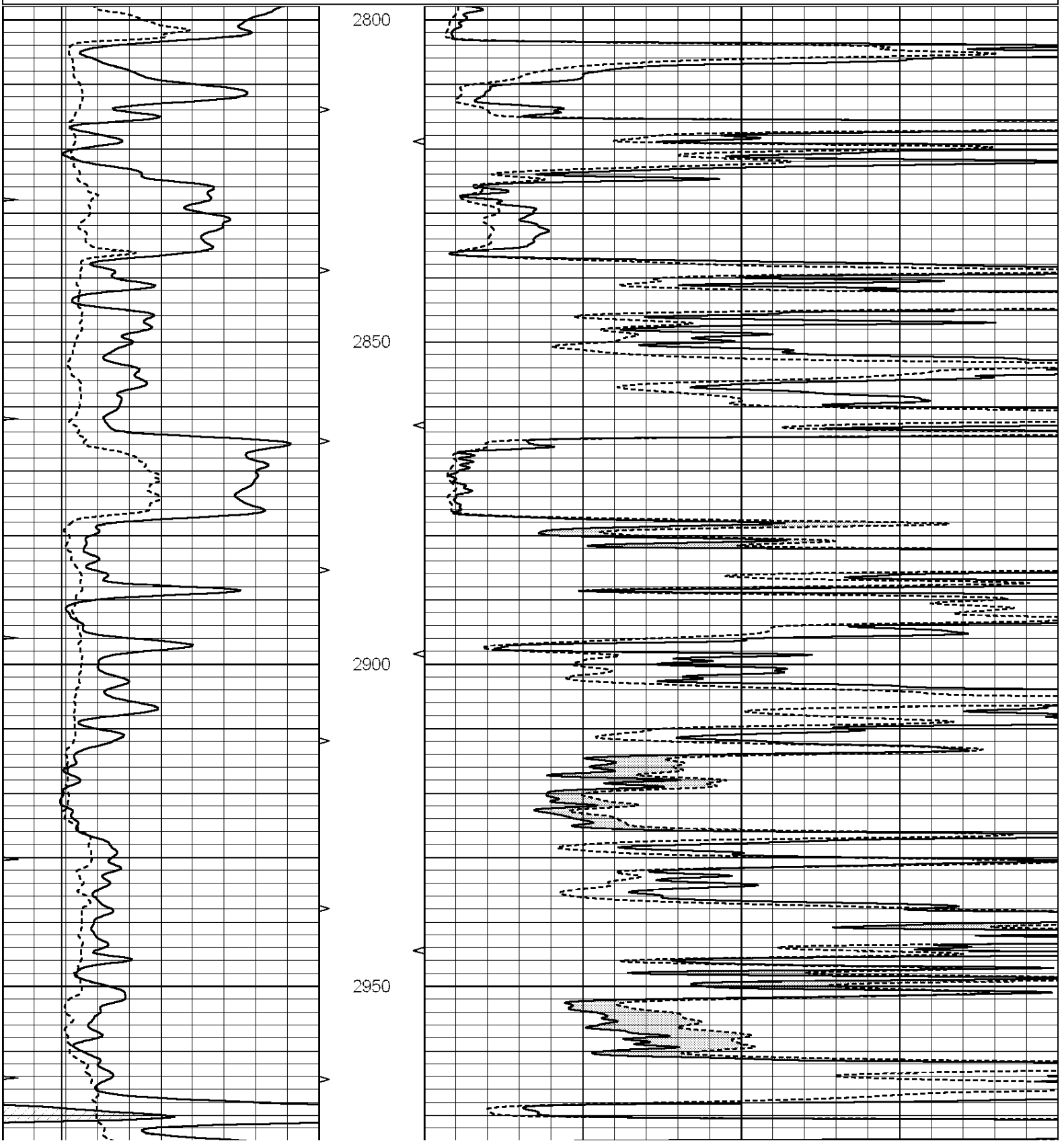
NABORS COMPLETION & PRODUCTION SERVICES CO.

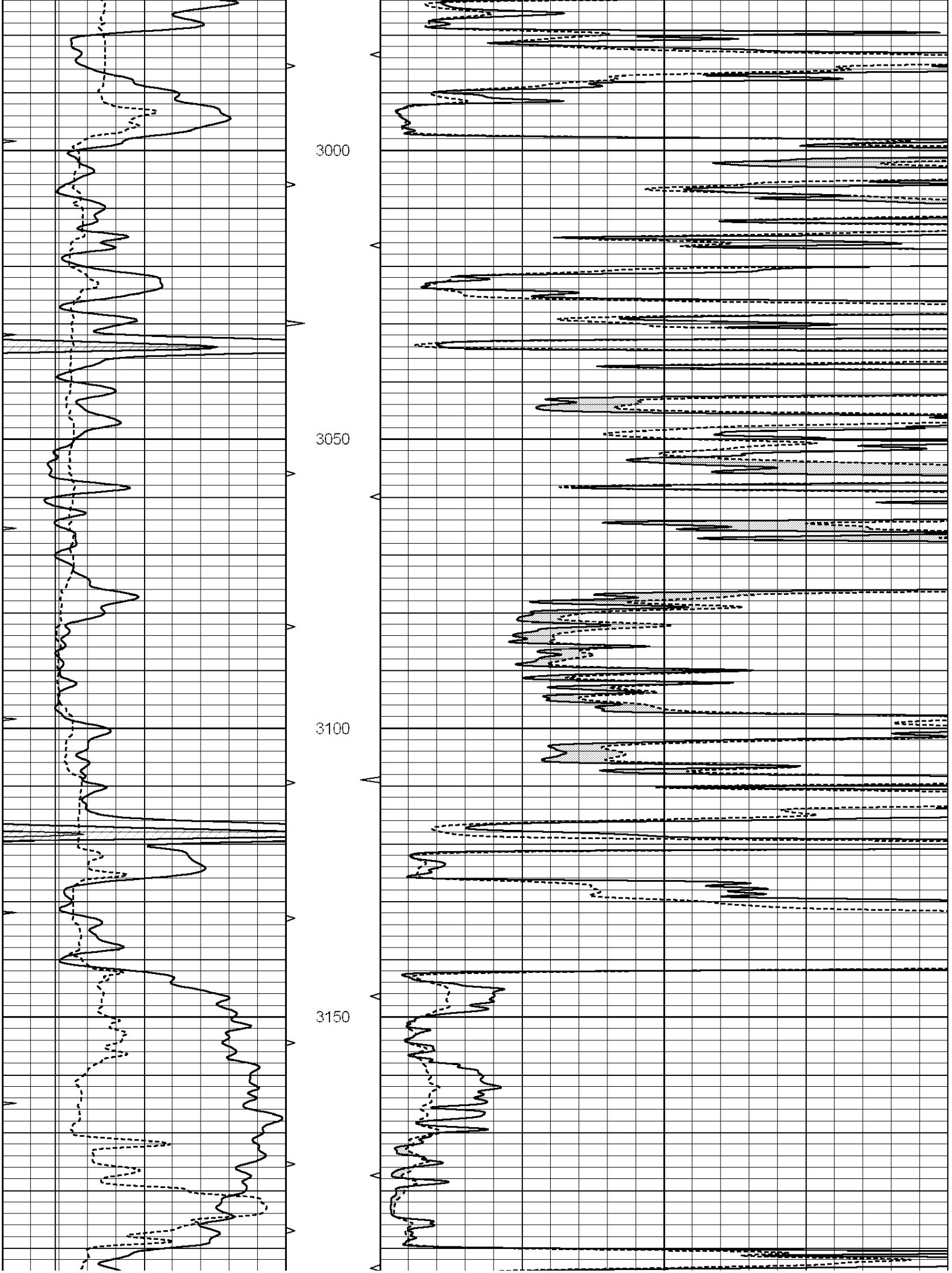
MAIN SECTION

SERVICES CO.

Database File: 010909ddn.db
Dataset Pathname: pass6.5
Presentation Format: micro
Dataset Creation: Mon May 20 15:38:20 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	0 MEL2.0 (Ohm-m) 40
0 MINMK 20	TBHV	
	0 (ft3) 10	

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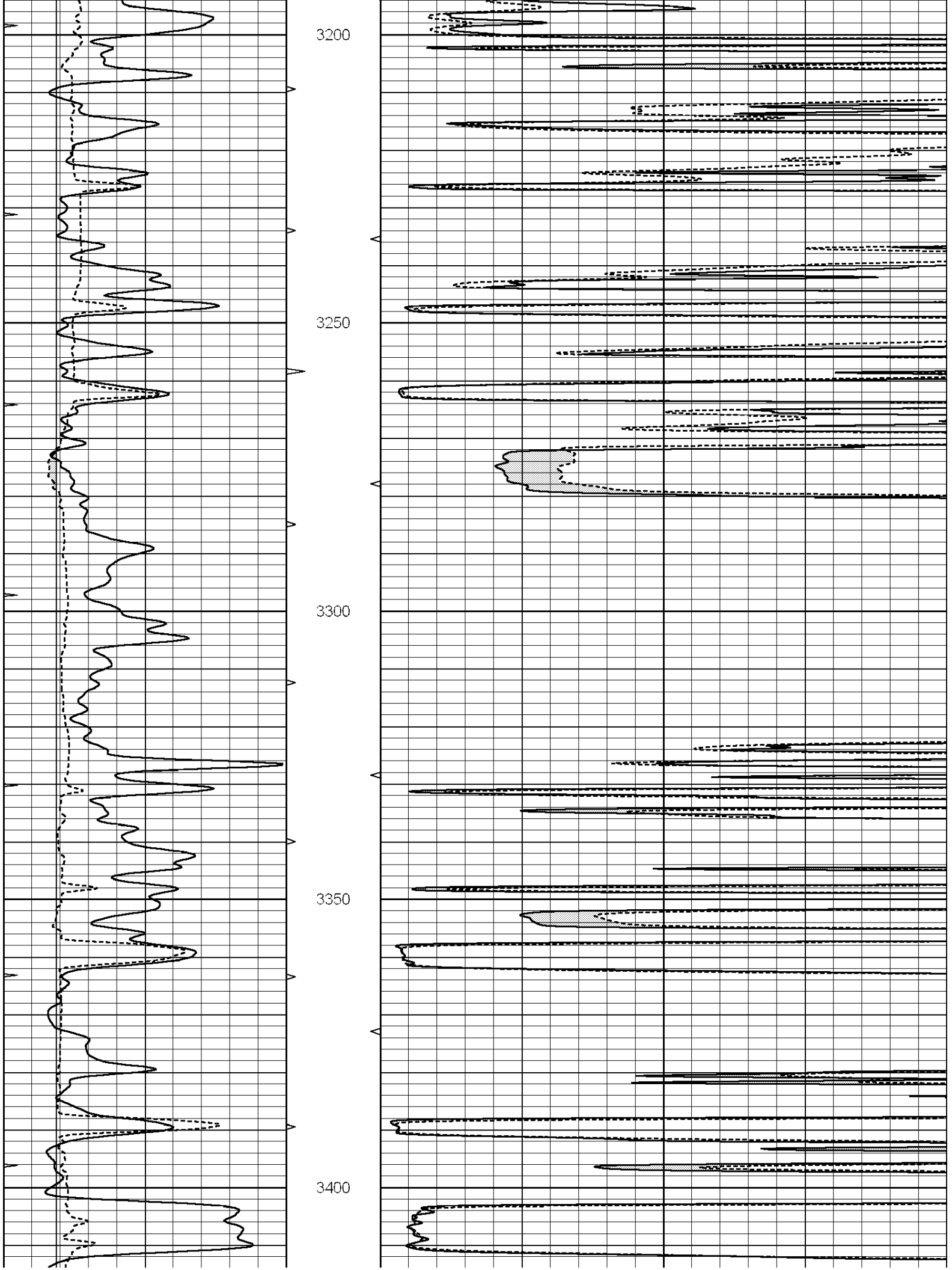
3050
3100
3150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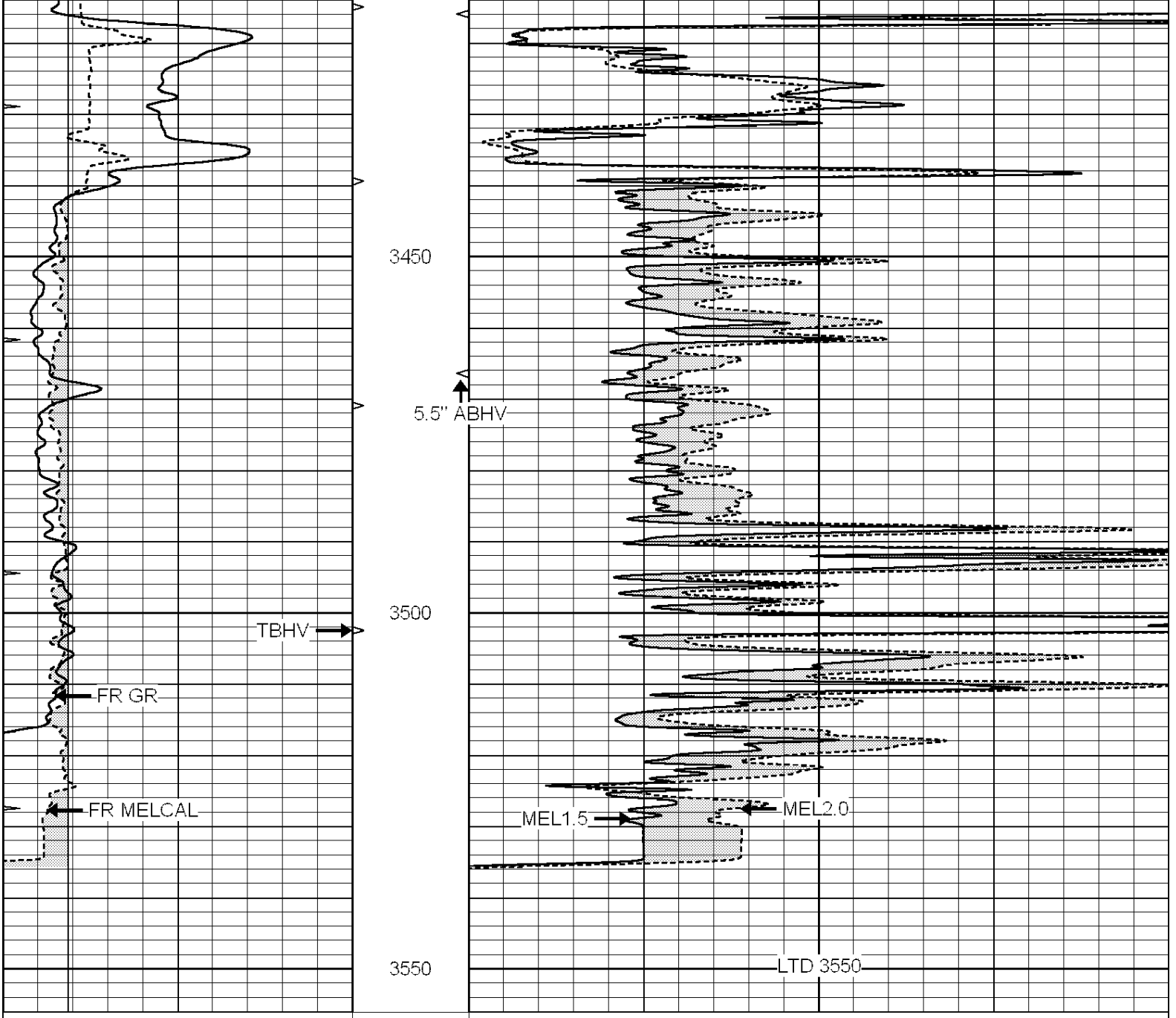
3250
3300
3350
3400



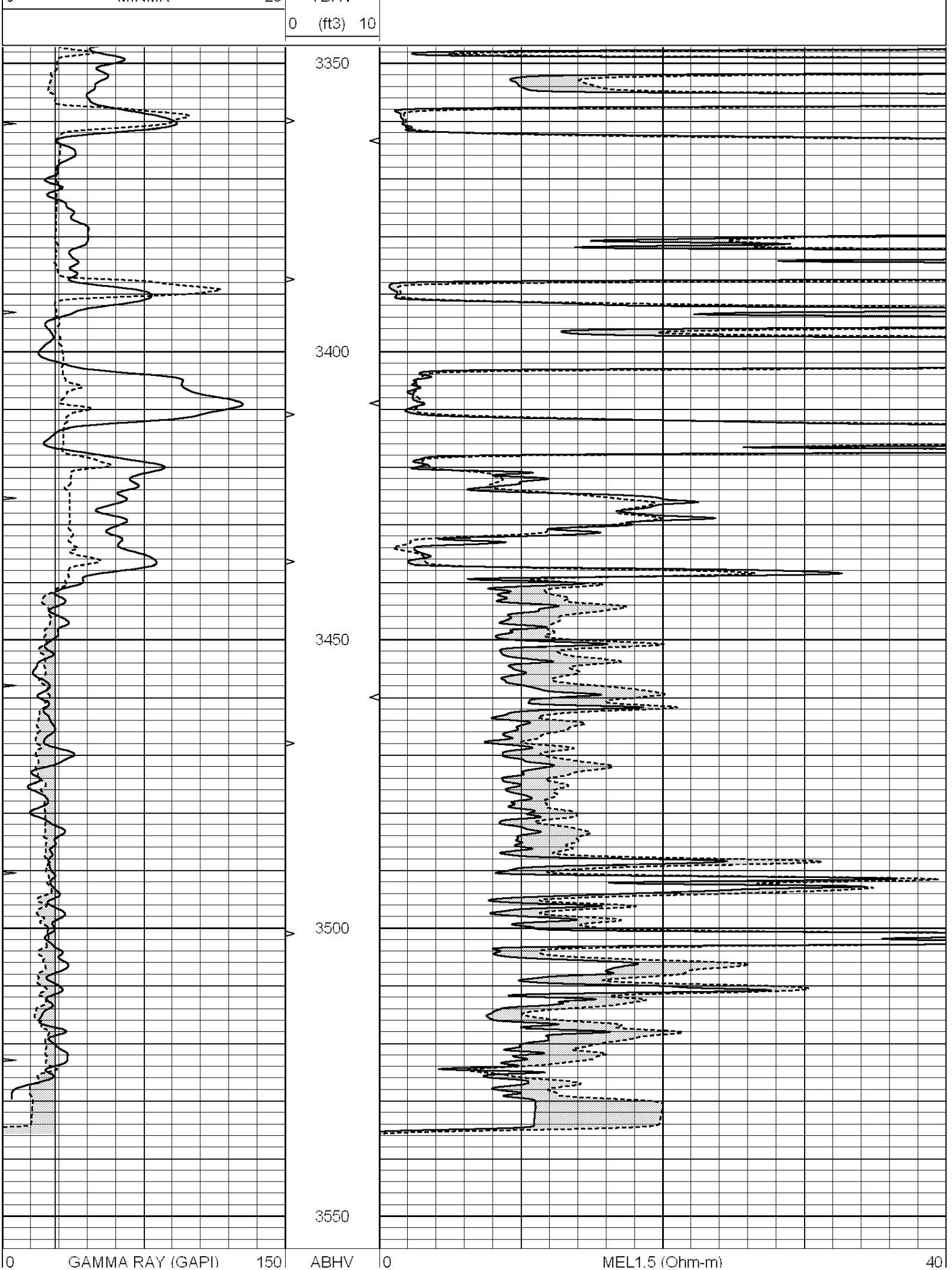
0	GAMMA RAY (GAPI)	150	ABHV		0	MEL1.5 (Ohm-m)	40
6	CALIPER (in)	16	10 (ft3)	0	0	MEL2.0 (Ohm-m)	40
0	MINMK	20	TBHV				
			0 (ft3)	10			

NABORS
COMPLETION & PRODUCTION SERVICES CO.

REPEAT SECTION

Database File: 010909ddn.db
Dataset Pathname: pass5.2
Presentation Format: micro
Dataset Creation: Mon May 20 15:29:15 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			


0 (ft3) 10
3350
3400
3450
3500
3550
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: 010909ddn.db
Dataset Pathname: pass6.5
Dataset Creation: Mon May 20 15:38:20 2013

MICRO Calibration Report

Serial Number:	MICRO5	
Tool Model:	PROBE	
Performed:	Wed Apr 24 10:31:41 2013	
Caliper Calibration:	Gain=3.605	Offset=-6.802
	Low Cal	High Cal
References	8.000	15.000
Readings	4.106	6.048
1.5" Calibration:	Gain=40.000	Offset=-1.000
	Low Cal	High Cal
References	0.000	20.000
Readings	0.015	1.005
2" Calibration:	Gain=50.000	Offset=-1.200
	Low Cal	High Cal
References	0.000	20.000
Readings	0.009	0.910

Gamma Ray Calibration Report

Serial Number:	GR3	
Tool Model:	OPEN	
Performed:	Mon May 20 14:50:31 2013	
Calibrator Value:	200.0	GAPI
Background Reading:	3.0	cps
Calibrator Reading:	186.0	cps
Sensitivity:	2.7000	GAPI/cps