



**COMPLETION
& PRODUCTION
SERVICES CO.**

**COMPENSATED
DENSITY / NEUTRON
LOG**

Company	RAYMOND OIL COMPANY, INC.		
Well	BROBST - MORRIS #1		
Field	WILDCAT		
County	GRAHAM	State	KANSAS
Location:	API # : 15-065-23975 1110' FSL & 1560' FEL 45' S & 75' W OF NE-NE-SW-SE SEC 12 TWP 6S RGE 21W		Other Services DIL MICRO
Permanent Datum Log Measured From Drilling Measured From	GROUND LEVEL KELLY BUSHING 12' A.G.L. KELLY BUSHING	Elevation 2188 K.B. 2200 D.F. G.L. 2188	
Date	10-14-13		
Run Number	ONE		
Depth Driller	3731		
Depth Logger	3732		
Bottom Logged Interval	3708		
Top Log Interval	3000		
Casing Driller	268		
Casing Logger	268		
Bit Size	7.875		
Type Fluid in Hole	CHEMICAL MUD		
Density / Viscosity	9.2 / 74		
pH / Fluid Loss	9.5 / 8.0		
Source of Sample	FLOWLINE		
Rim @ Meas. Temp	1.50 @ 70F		
Rmf @ Meas. Temp	1.13 @ 70F		
Rmc @ Meas. Temp	1.80 @ 70F		
Source of Rmf / Rmc	MEASURED		
Rim @ BHT	.940 @ 112F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom	12:30 A.M.		
Maximum Recorded Temperature	112F		
Equipment Number	860		
Location	HAYS, KS.		
Recorded By	RUPP		
Witnessed By	PAT BALTHAZAR	ROBERT TURNER	

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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

NABORS COMPLETION & PRODUCTION SERVICES
785-628-6395
THANK YOU FOR YOUR BUSINESS
DIRECTIONS: JCT. OF K-18 & K-24 1/4E TO RD. 360, 9N TO RD. AA, 4E TO RD. 400, 1 1/2N, W INTO.

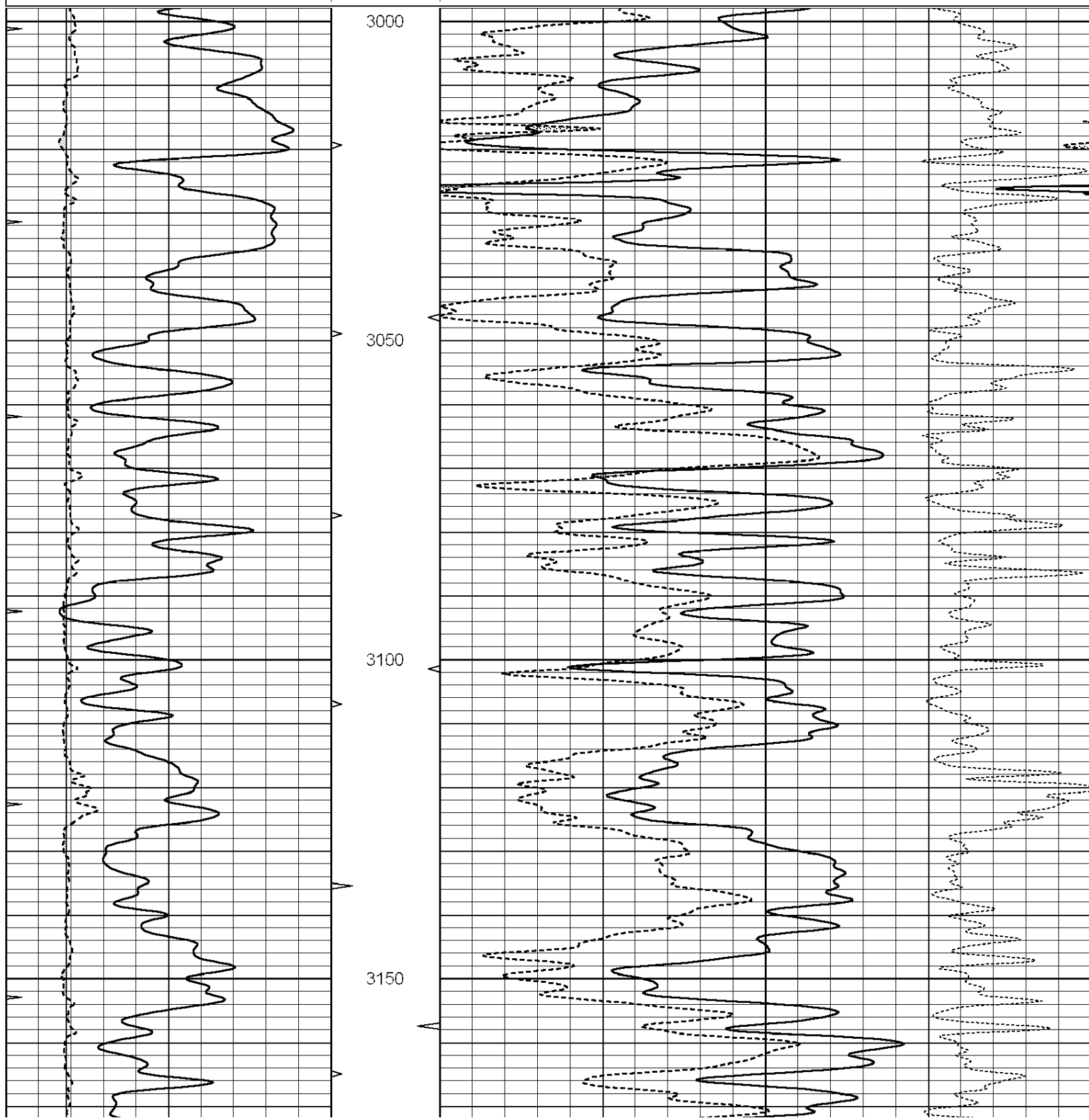


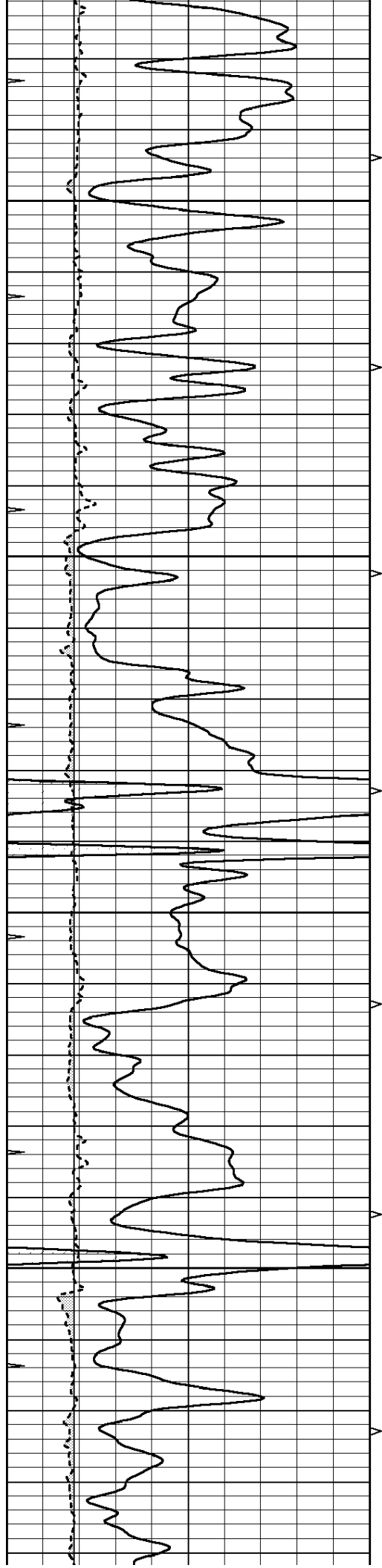
**COMPLETION
& PRODUCTION**

MAIN SECTION

Database File: 010217ddn.db
 Dataset Pathname: pass3.A
 Presentation Format: _den_neu
 Dataset Creation: Mon Oct 14 02:09:08 2013
 Charted by: Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	ABHV	30	COMPENSATED DENSITY (pu)	-10
6	CALIPER (in)	16	10 (ft3) 0	30	COMPENSATED NEUTRON (pu)	-10
0	MINMK	20	TBHV		-0.25 CORRECTION (g/cc)	0.25
			0 (ft3) 10			



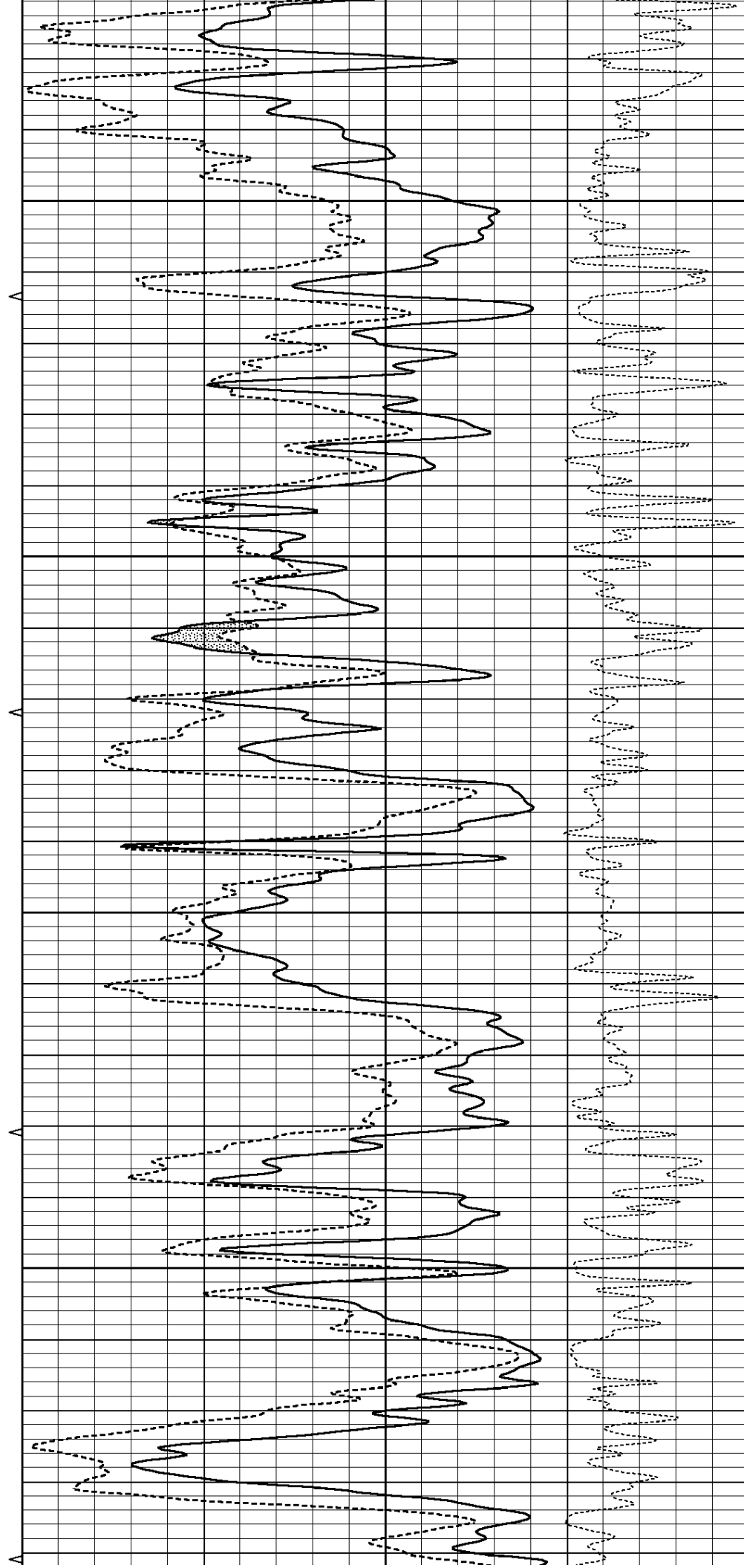


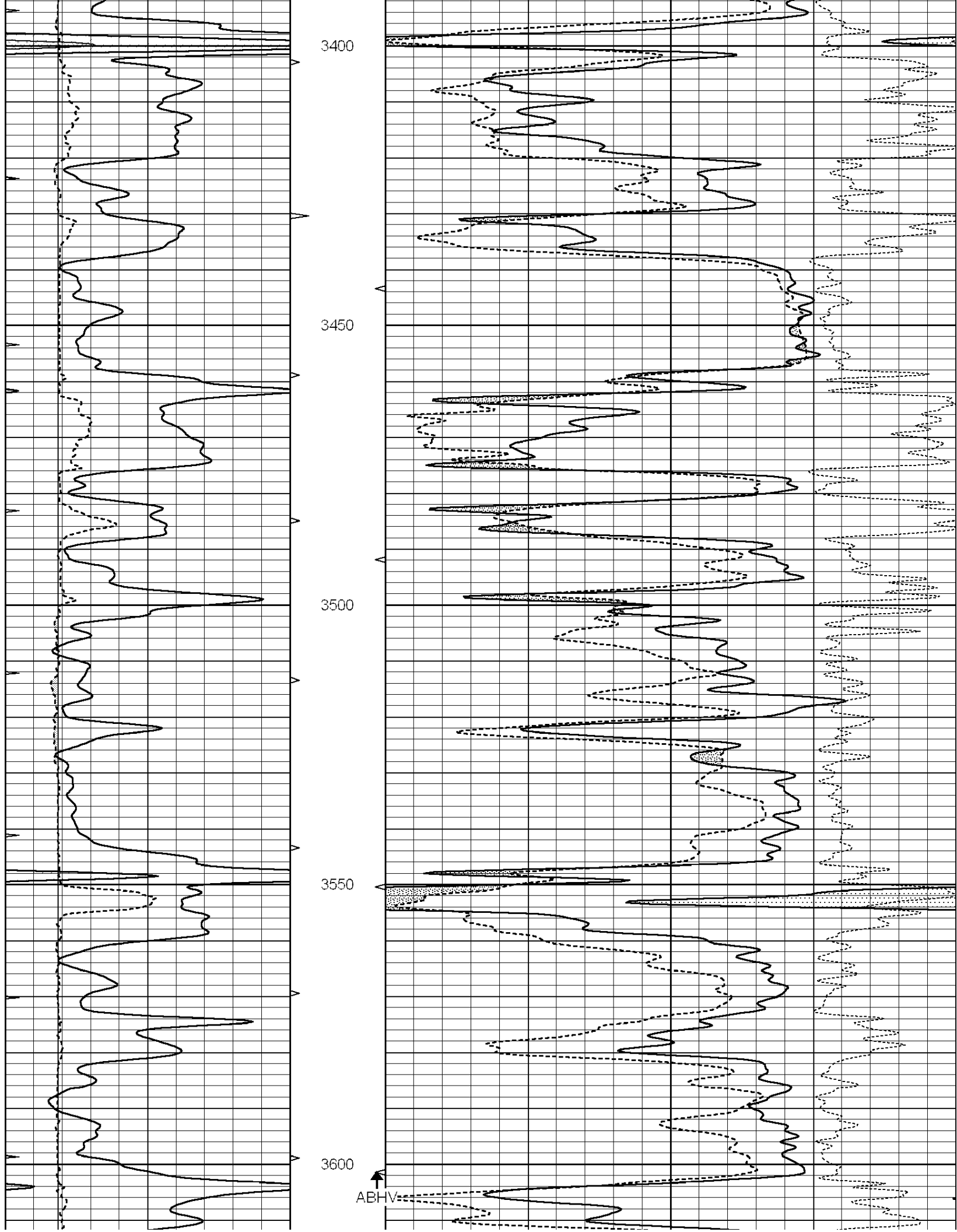
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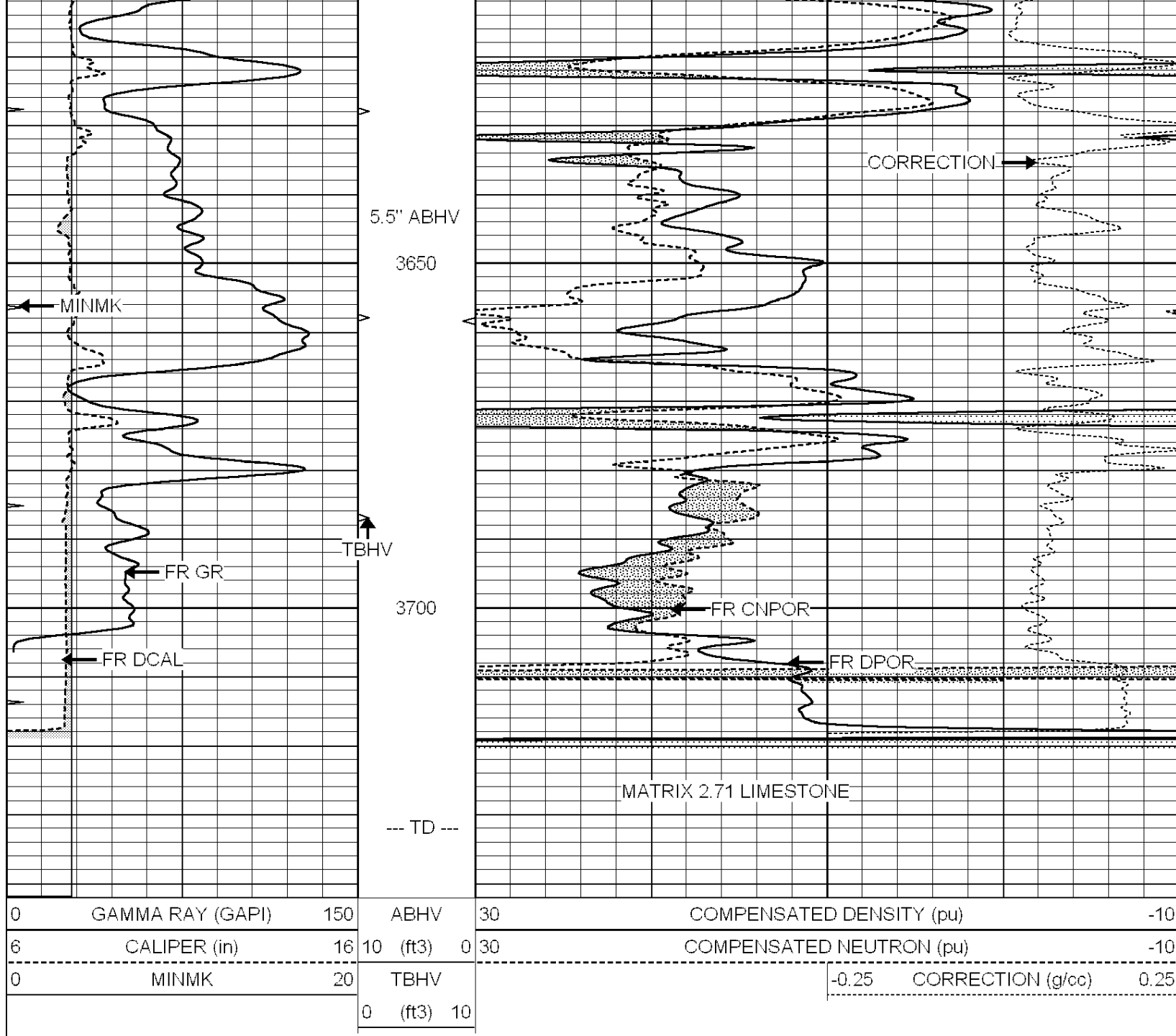
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3300

3350

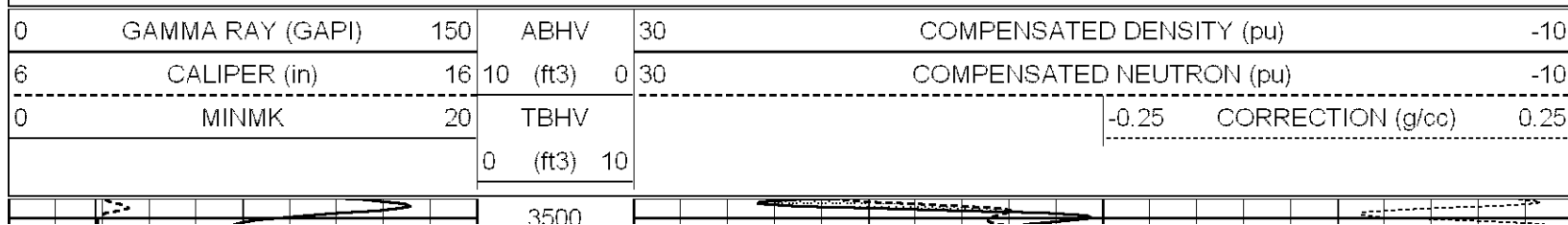


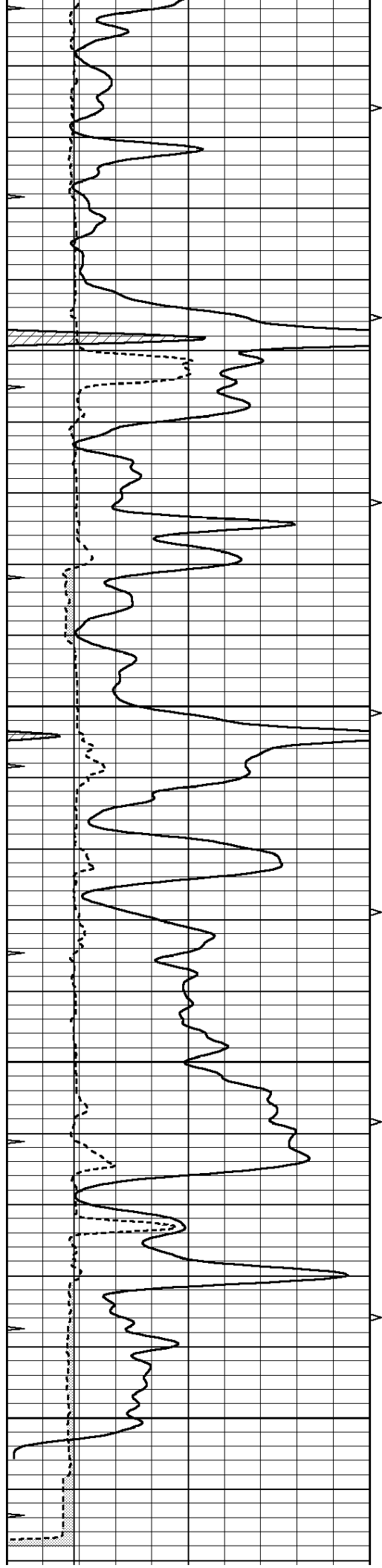




REPEAT SECTION

Database File: 010217ddn.db
 Dataset Pathname: pass2.1
 Presentation Format: _den_neu
 Dataset Creation: Mon Oct 14 01:01:00 2013 by Calc Open-Cased 090629
 Charted by: Depth in Feet scaled 1:240



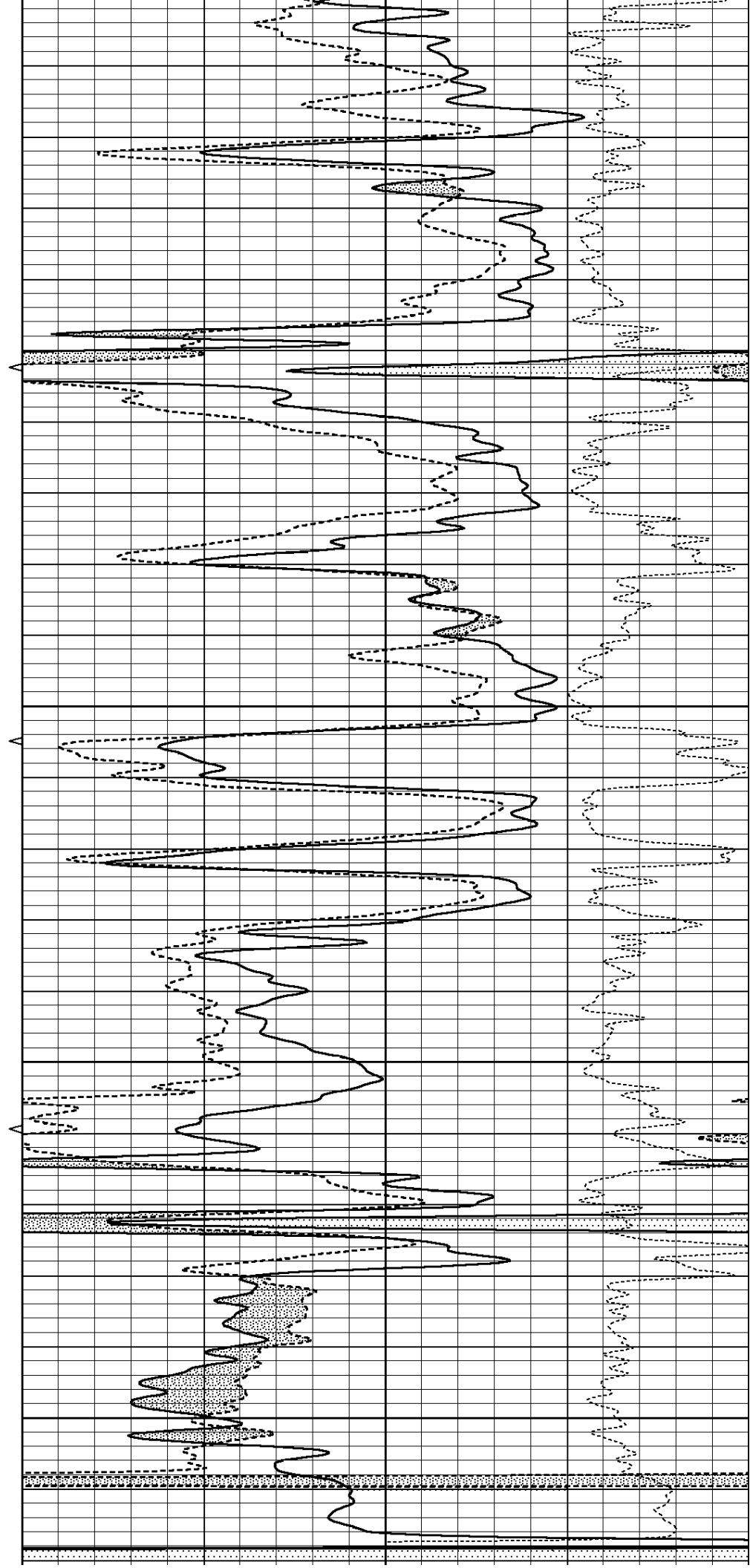


3550

3600

3650

3700



Gamma Ray Calibration Report

Serial Number:	GR5
Tool Model:	OPEN
Performed:	Mon Oct 14 01:30:48 2013

Calibrator Value:	1.0	GAPI
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Background Reading:	0.0	cps
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Calibrator Reading:	1.0	cps
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Sensitivity:	1.0000	GAPI/cps
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