



**SUPERIOR
Hays,
Kansas**

**RADIATION
GUARD LOG**

Company BAIRD OIL COMPANY, LLC.
Well WHITE #1-11
Field WORCHESTER NORTHEAST
County GRAHAM
State KANSAS

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County GRAHAM State KANSAS

Location: API #: 15-065-23814
710' FNL & 1230' FEL
SEC 11 TWP 7S RGE 22W
Permanent Datum GROUND LEVEL Elevation 2224
Log Measured From KELLY BUSHING 5' A.G.L.
Drilling Measured From KELLY BUSHING
Other Services MICRO
Elevation K.B. 2229
D.F. G.L. 2224

Date	3-30-12
Run Number	ONE
Depth Driller	3806
Depth Logger	3807
Bottom Logged Interval	3806
Top Log Interval	3100
Casing Driller	212
Casing Logger	212
Bit Size	7.875
Type Fluid in Hole	CHEMICAL MUD
Density / Viscosity	9.2 / 68
pH / Fluid Loss	10.5 / 6.4
Source of Sample	FLOWLINE
Rim @ Meas. Temp	1.50 @ 83F
Rmf @ Meas. Temp	1.13 @ 83F
Rmc @ Meas. Temp	1.80 @ 83F
Source of Rmf / Rmc	MEASURED
Rim @ BHT	1.10 @ 113F
Time Circulation Stopped	2 HOURS
Time Logger on Bottom	3:15 A.M.
Maximum Recorded Temperature	113F
Equipment Number	860
Location	HAYS, KS.
Recorded By	RUPP
Witnessed By	RICHARD BELL

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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

SUPERIOR WELL SERVICES
785-628-6395
THANK YOU FOR YOUR BUSINESS
DIRECTIONS: HILL CITY, 8N TO RD. "Y", 5E TO 330 RD., 1S, 1/4W, S INTO.

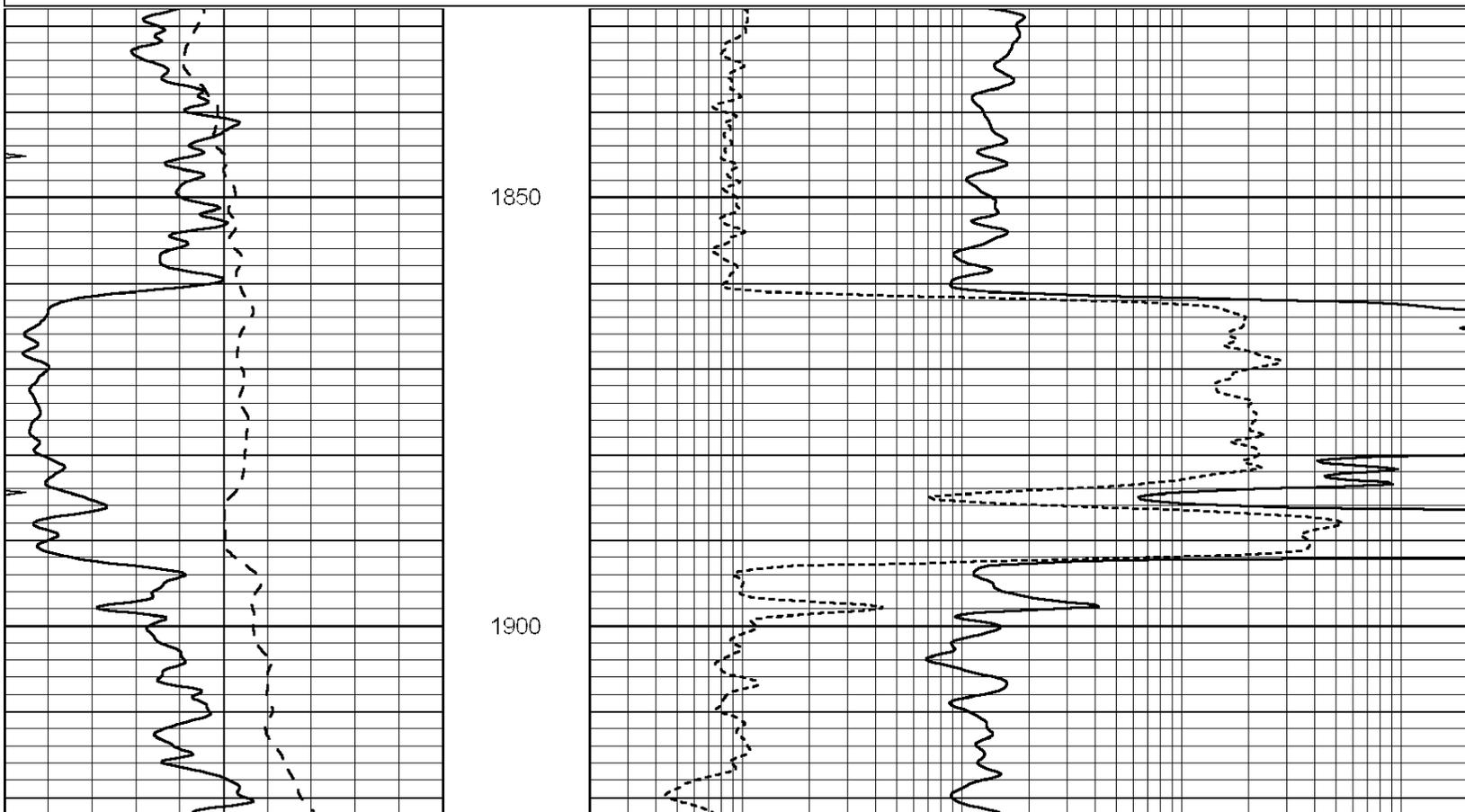


**SUPERIOR
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MAIN SECTION

Database File: 008708rag.db
 Dataset Pathname: pass4.2
 Presentation Format: rag2
 Dataset Creation: Fri Mar 30 05:31:18 2012
 Charted by: Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	ABHV (ft3)	0.2	GUARD (Ohm-m)	2000
-100	SP (mV)	100		0	NEUTRON (NAPI)	1000
-----			TBHV (ft3)	-----		



0	GAMMA RAY (GAPI)	150	ABHV (ft3)	0.2	GUARD (Ohm-m)	2000
-100	SP (mV)	100		0	NEUTRON (NAPI)	1000
-----			TBHV (ft3)	-----		



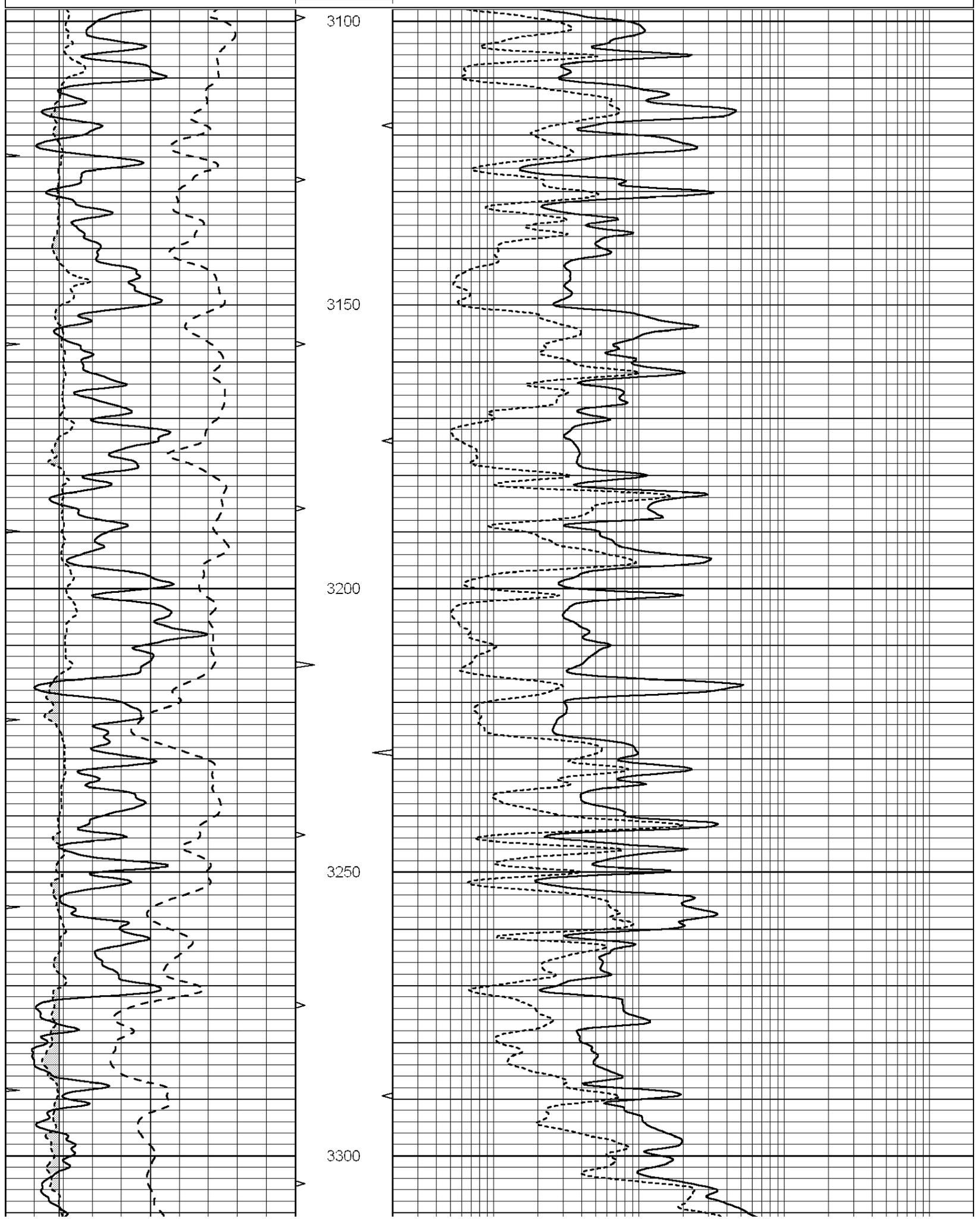
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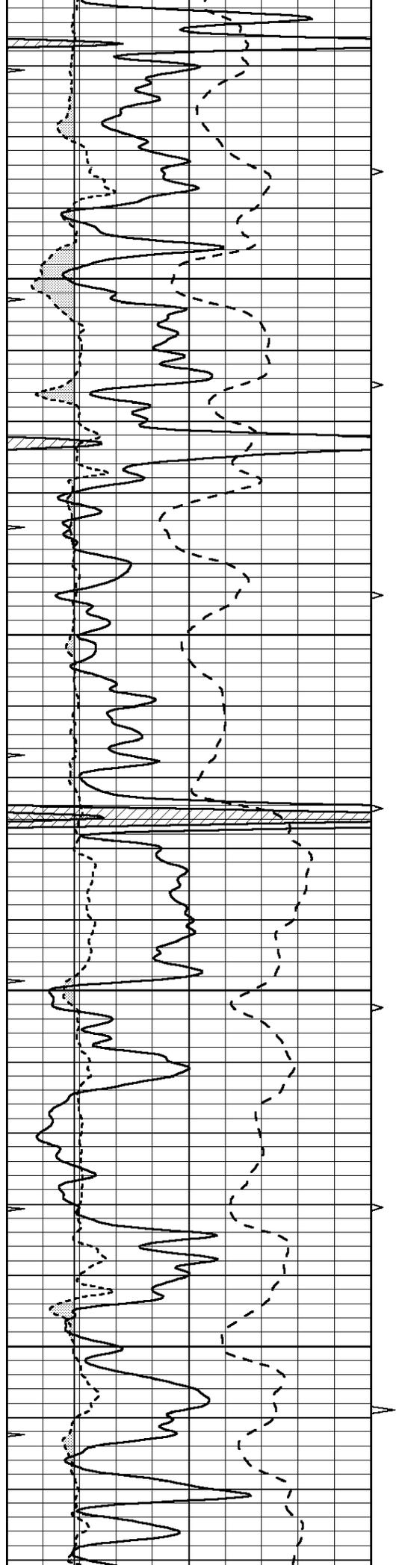
MAIN SECTION

Database File: 008708rag.db
 Dataset Pathname: pass4.2
 Presentation Format: rag
 Dataset Creation: Fri Mar 30 05:31:18 2012
 Charted by: Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	ABHV	0.8	GUARD (Ohm-m)	2000
-100	SP (mV)	100	10 (ft3)	0	NEUTRON (NAPI)	1000
-----			TBHV	-----		
6	CALIPER (in)	16				

0 (ft3) 10



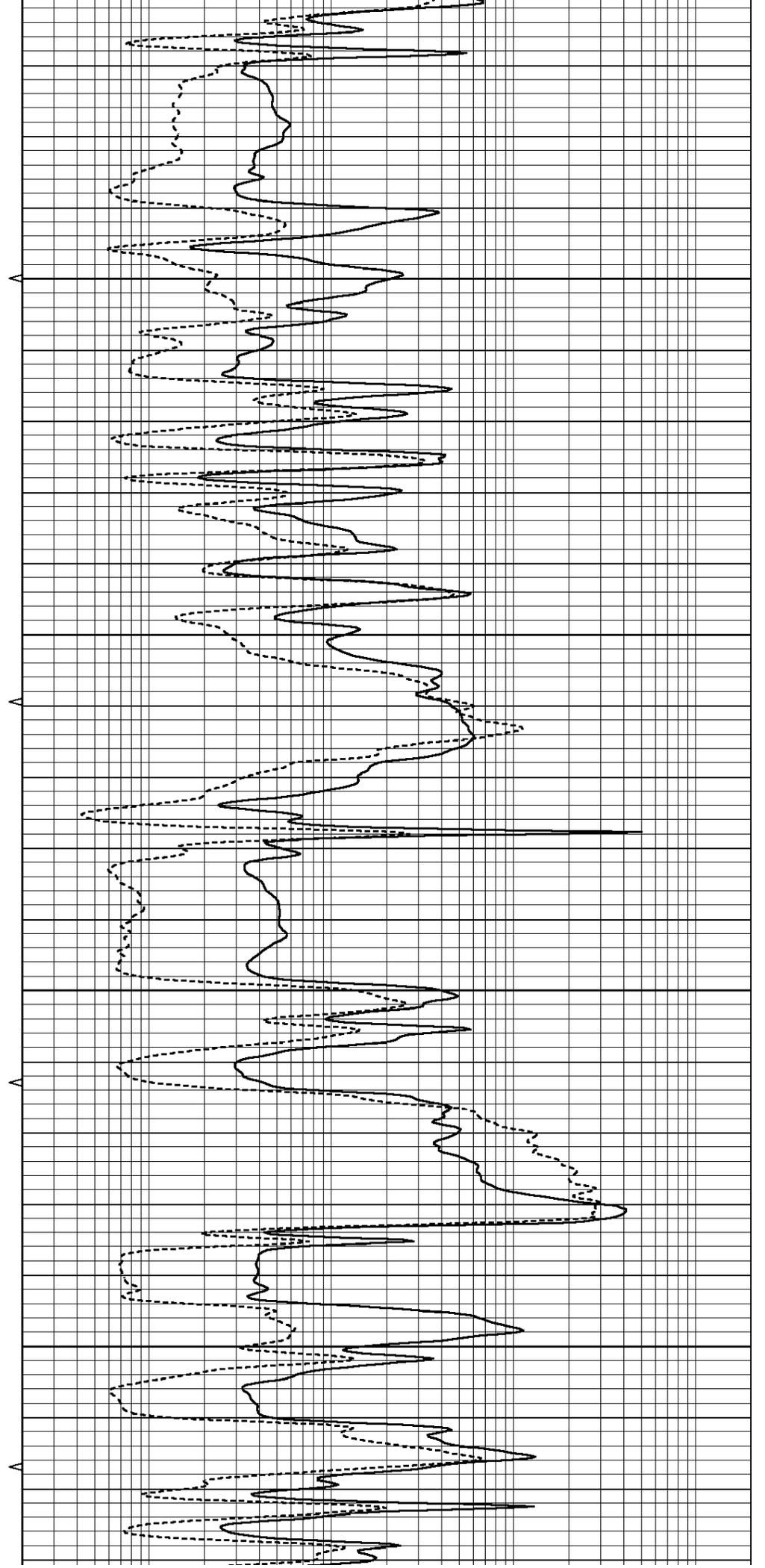


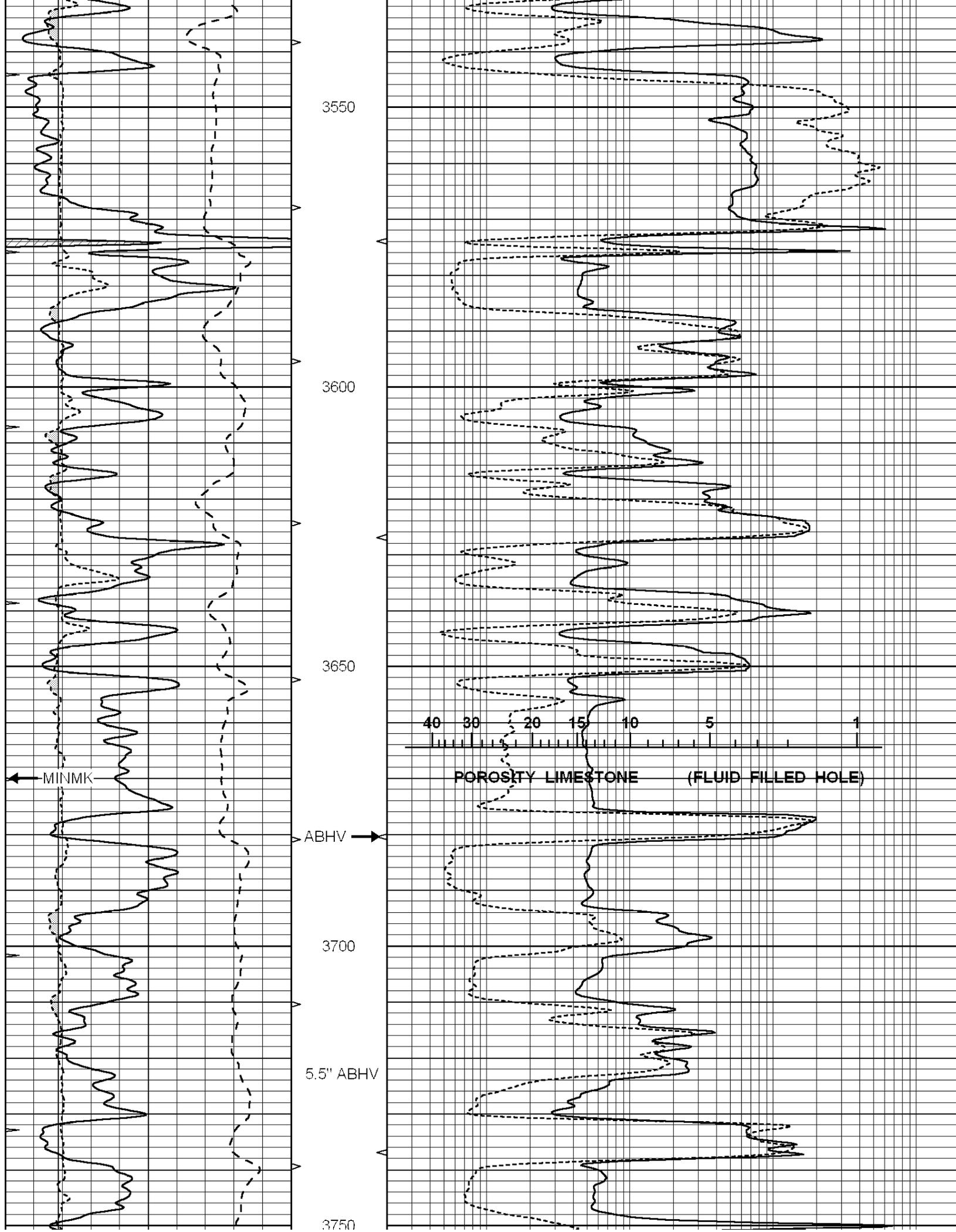
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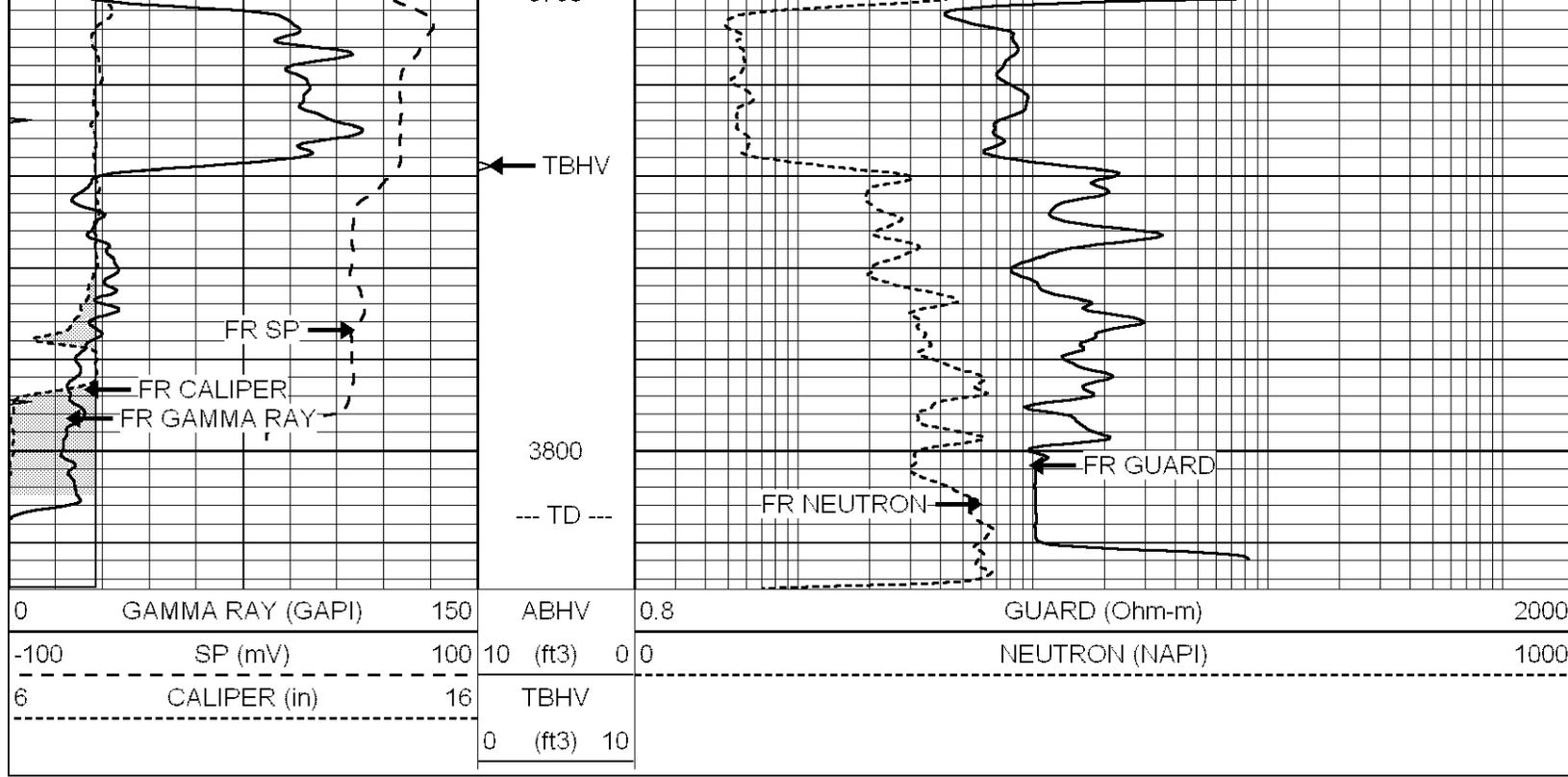
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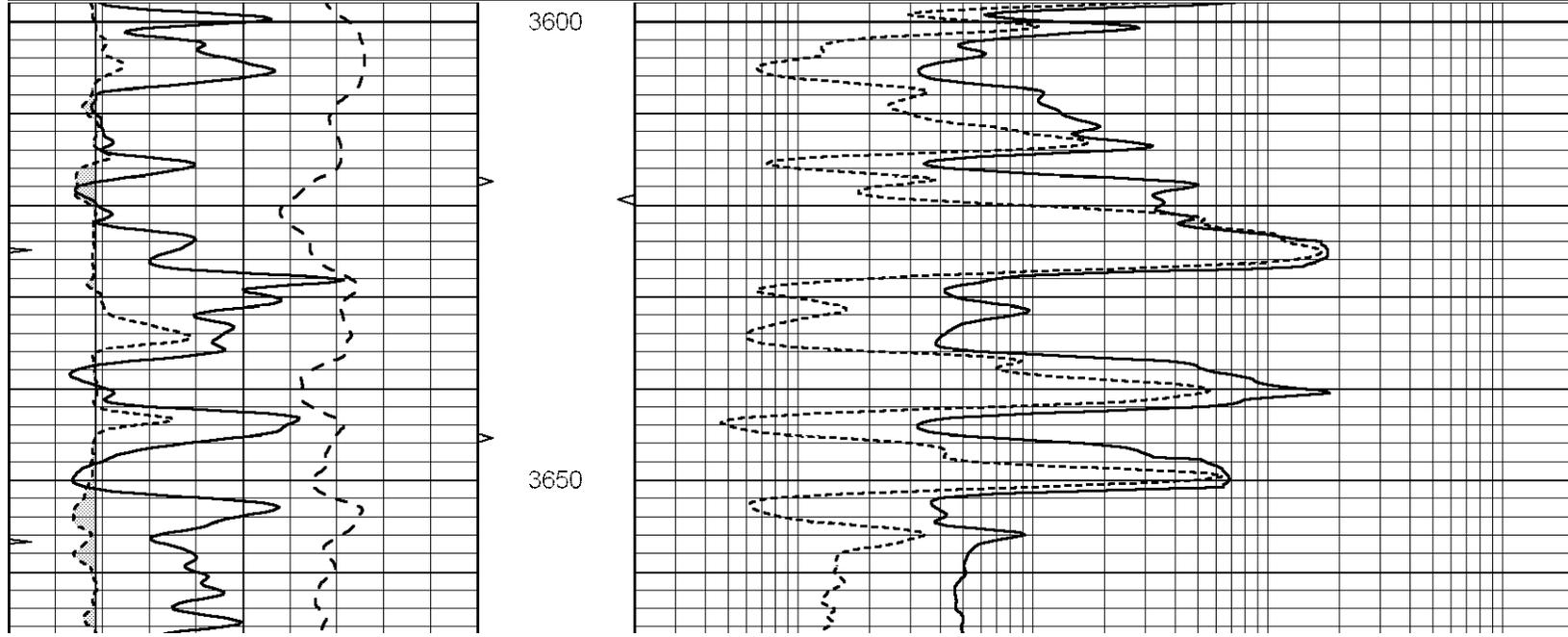
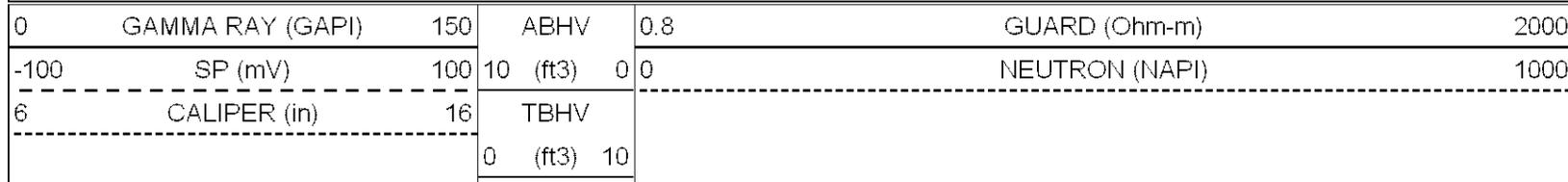


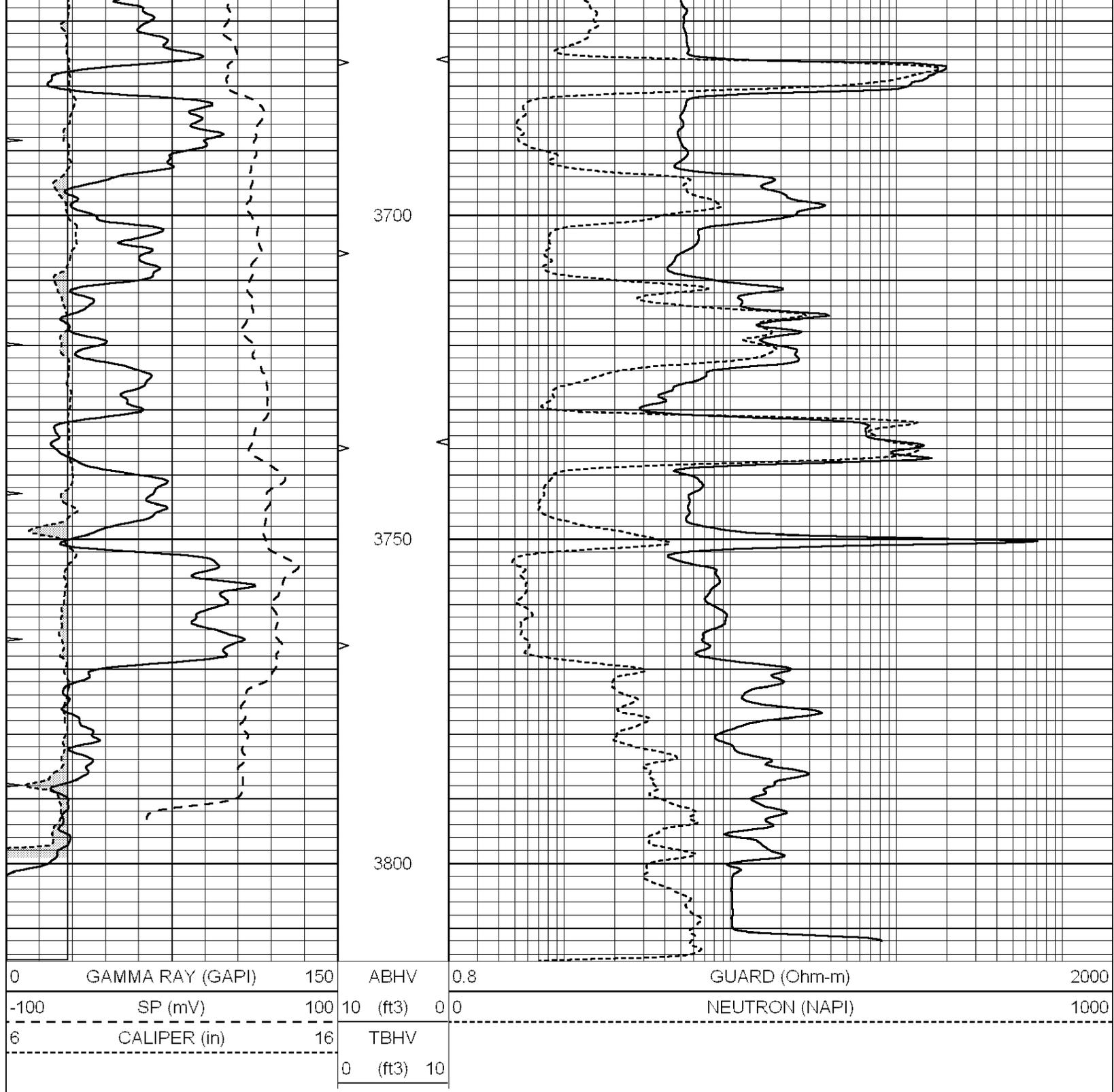


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REPEAT SECTION

Database File: 008708rag.db
 Dataset Pathname: pass3.2A
 Presentation Format: rag
 Dataset Creation: Fri Mar 30 05:28:56 2012
 Charted by: Depth in Feet scaled 1:240





Calibration Report

Database File: 008708rag.db
 Dataset Pathname: pass4.2
 Dataset Creation: Fri Mar 30 05:31:18 2012

Neutron Calibration Report

Serial Number: RAG1
 Tool Model: RAG
 Performed: Fri Mar 30 03:34:14 2012

Calibrator Values: 0 1 NAPI
 Calibrator Readings: 0 1 cps

Sensitivity:

1.1

NAPI/cps

Micro Spherically Focused Log Calibration Report

Serial-Model:

RAG1-A

Performed:

Fri Mar 30 03:19:12 2012

Readings

References

Results

Low

High

Low

High

m

b

Conductivity

0.0110

0.9000

V

10.0000

1000.0000

mmho

600.0000

7.5000

Caliper

0.2029

0.2757

V

8.8000

14.0000

in

71.4237

-5.6934

Gamma Ray Calibration Report

Serial Number:

RAG1

Tool Model:

RAG

Performed:

Fri Mar 30 02:55:14 2012

Calibrator Value:

1.0

GAPI

Background Reading:

0.9

cps

Calibrator Reading:

1.0

cps

Sensitivity:

1.4000

GAPI/cps