SUPERIOR
Hays,
Kansas

COMPENSATED DENSITY / NEUTRON LOG

Company CAPTIVA II
Well EAKIN UNIT #4-7
Field WILDCAT
County PAWNEE State KANSAS

Location: API # : 15-145-21642

1580' FNL & 607' FEL

SEC 7 TWP 22S RGE 16W

Other Services
DIL
SONIC/MEL

Elevation
K.B. 2016
D.F.
G.L. 2005

Permanent Datum GROUND LEVEL Elevation 2005
Log Measured From KELLY BUSHING 11' A.G.L.
Drilling Measured From KELLY BUSHING

Company CAPTIVA II
Well EAKIN UNIT #4-7
Field WILDCAT
County PAWNEE
State KANSAS

Date	6-18-11		
Run Number	ONE		
Depth Driller	4025		
Depth Logger	4026		
Bottom Logged Interval	4002		
Top Log Interval	3000		
Casing Driller	1027		
Casing Logger	1027		
Bit Size	7.875		
Type Fluid in Hole	CHEMICAL MUD		
Density / Viscosity	9.4 / 54		
pH / Fluid Loss	10.0 / 11.2		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	0.50 @ 98F		
Rmf @ Meas. Temp	0.38 @ 98F		
Rmc @ Meas. Temp	0.60 @ 98F		
Source of Rmf / Rmc	MEASURED		
Rm @ BHT	.430 @ 115F		
Time Circulation Stopped	3 HOURS		
Time Logger on Bottom	2:15 P.M.		
Maximum Recorded Temperature	115F		
Equipment Number	860		
Location	HAYS, KS.		
Recorded By	RUPP		
Witnessed By	CHARLIE STURDAVANT		

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Comments

SUPERIOR WELL SERVICES
785-628-6395
THANK YOU FOR YOUR BUSINESS
DIRECTIONS: LARNED & #56, 1W, 1S, W INTO.

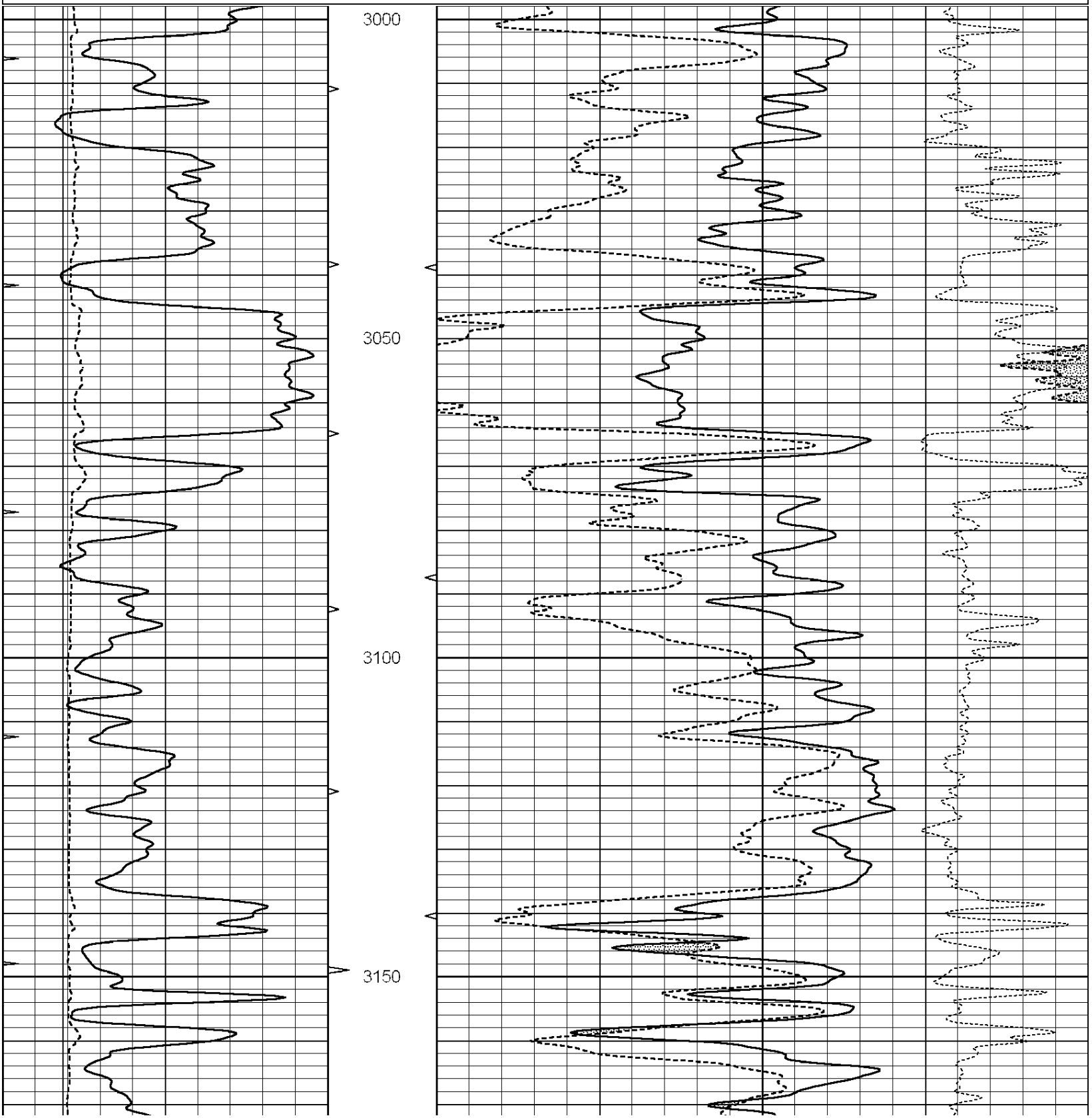
MAIN SECTION

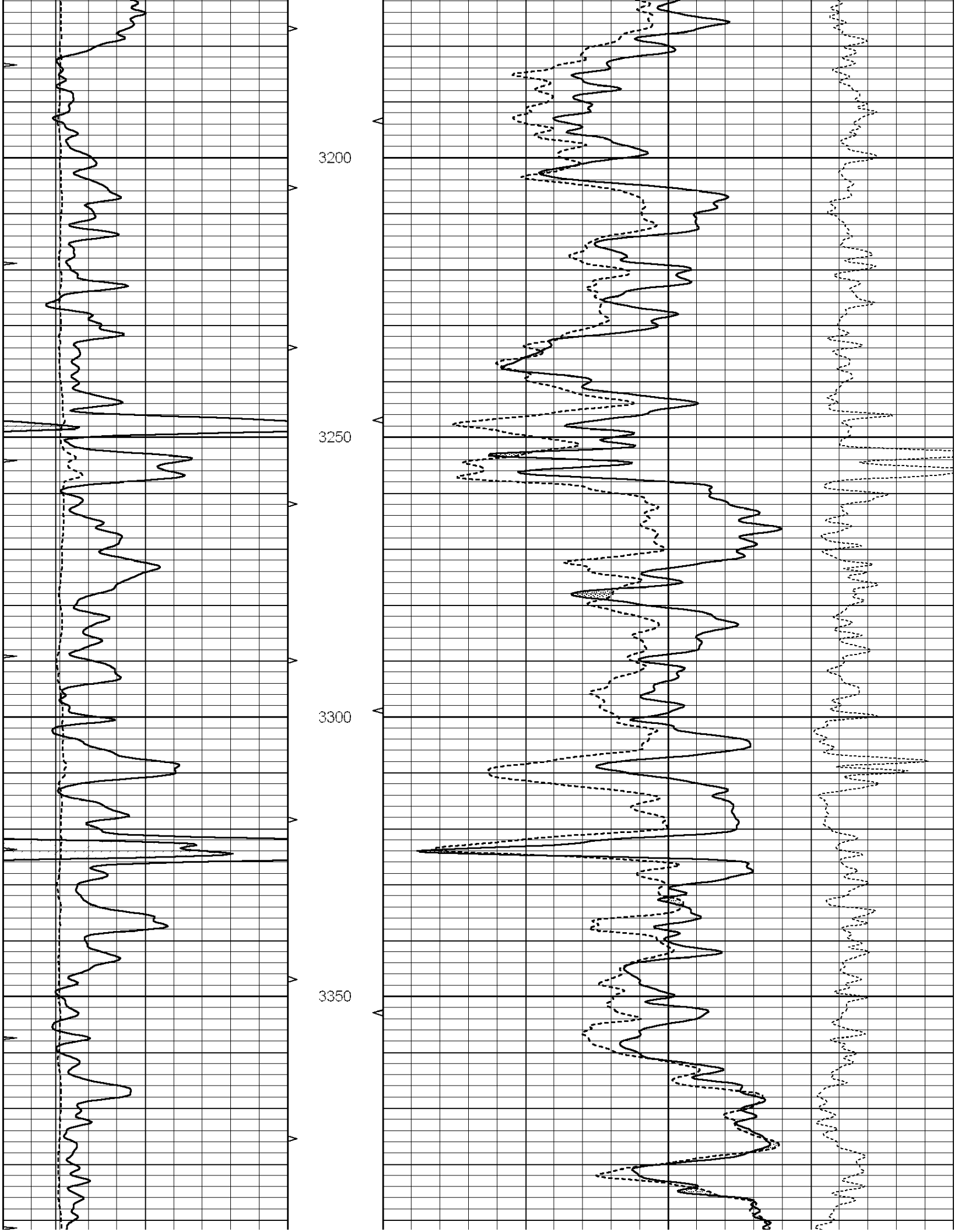
SUPERIOR
Hays,

Kansas

Database File:	006939ddn.db
Dataset Pathname:	pass3.1A
Presentation Format:	den_neu
Dataset Creation:	Sat Jun 18 16:49:28 2011
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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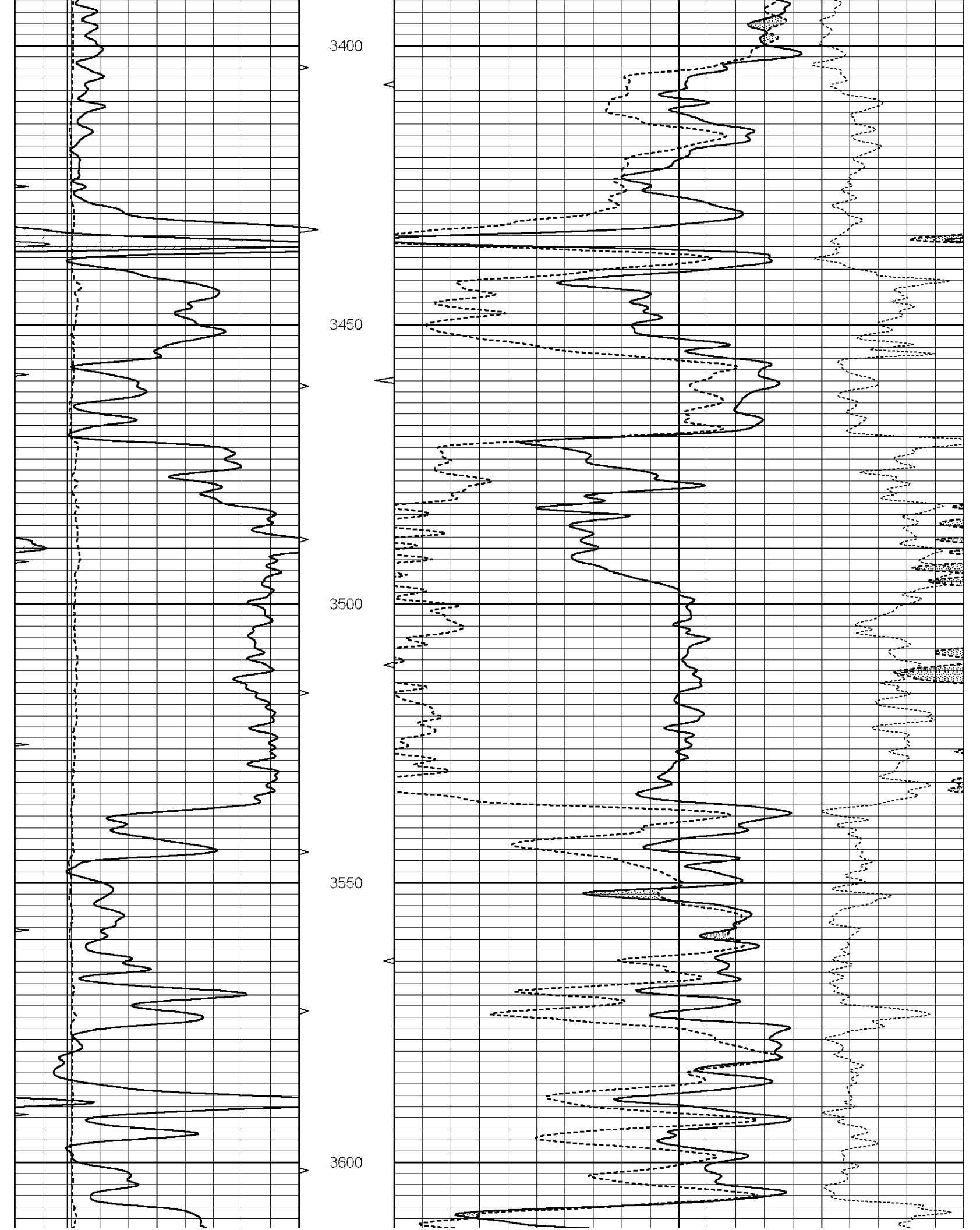
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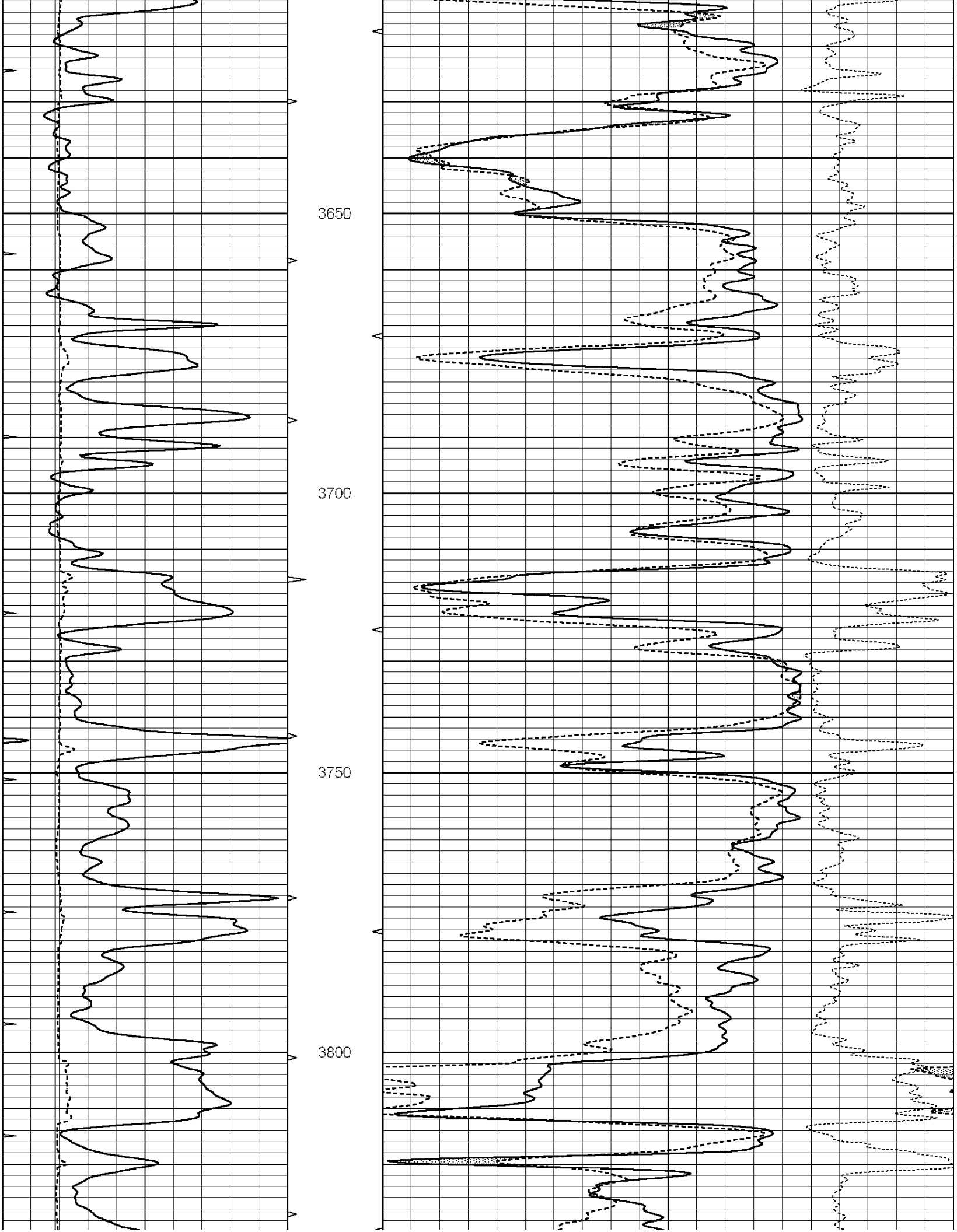
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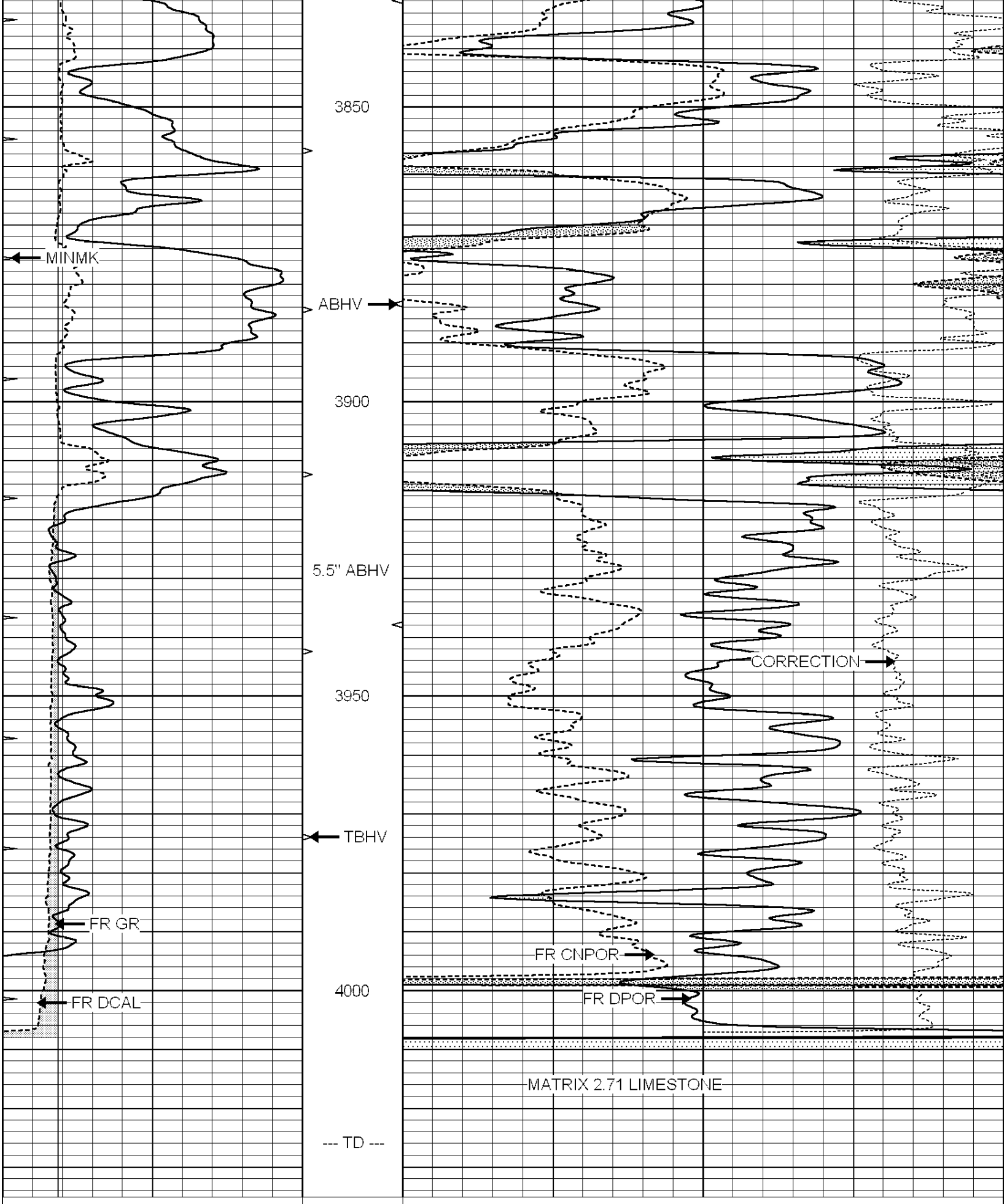

0	GAMMA RAY (GAPI)	150	ABHV	30	COMPENSATED DENSITY (pu) -10
6	CALIPER (in)	16	10 (ft3) 0	30	COMPENSATED NEUTRON (pu) -10
0	MINMK	20	TBHV	-0.25	CORRECTION (g/cc) 0.25
			0 (ft3) 10		

SUPERIOR
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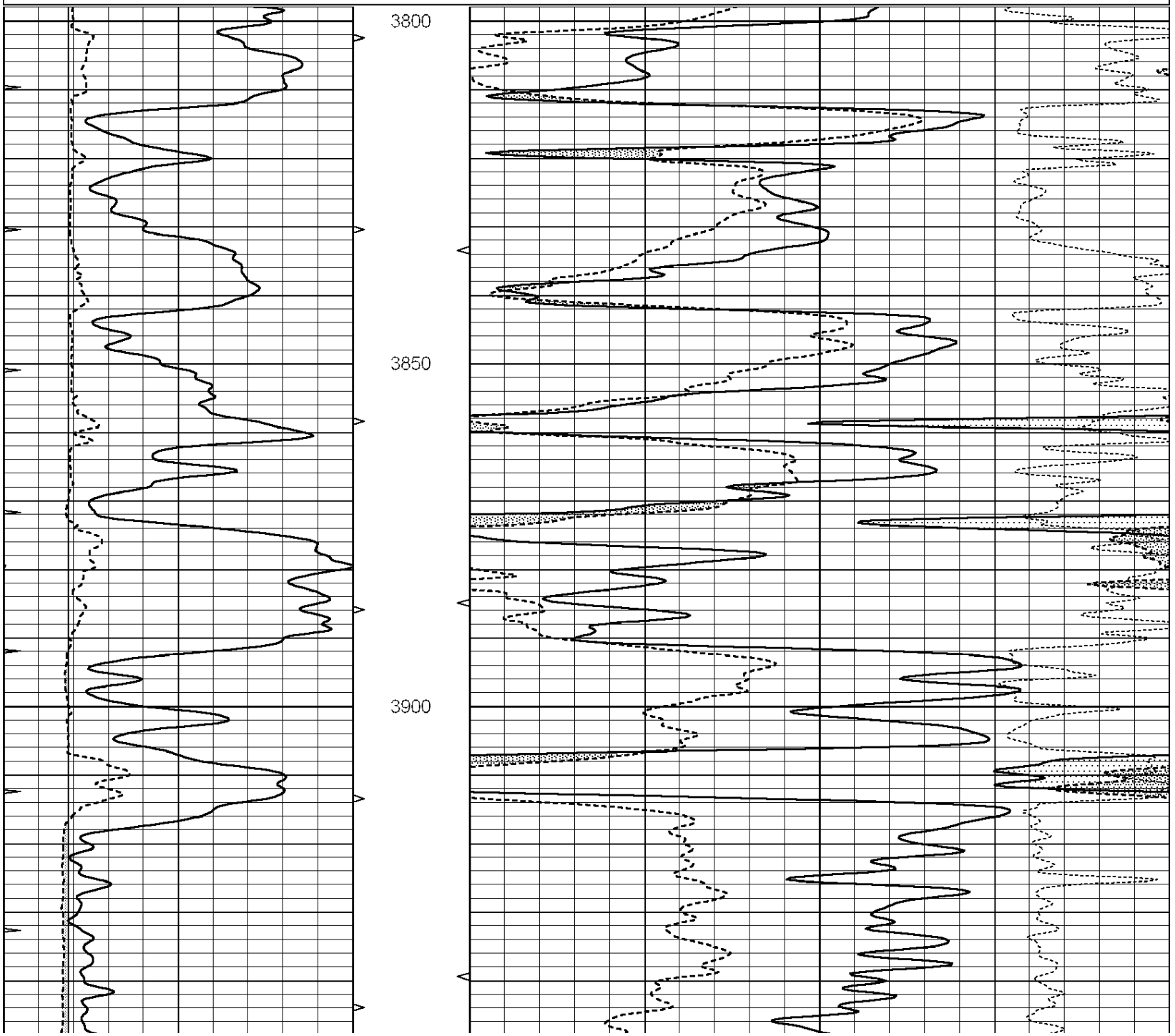
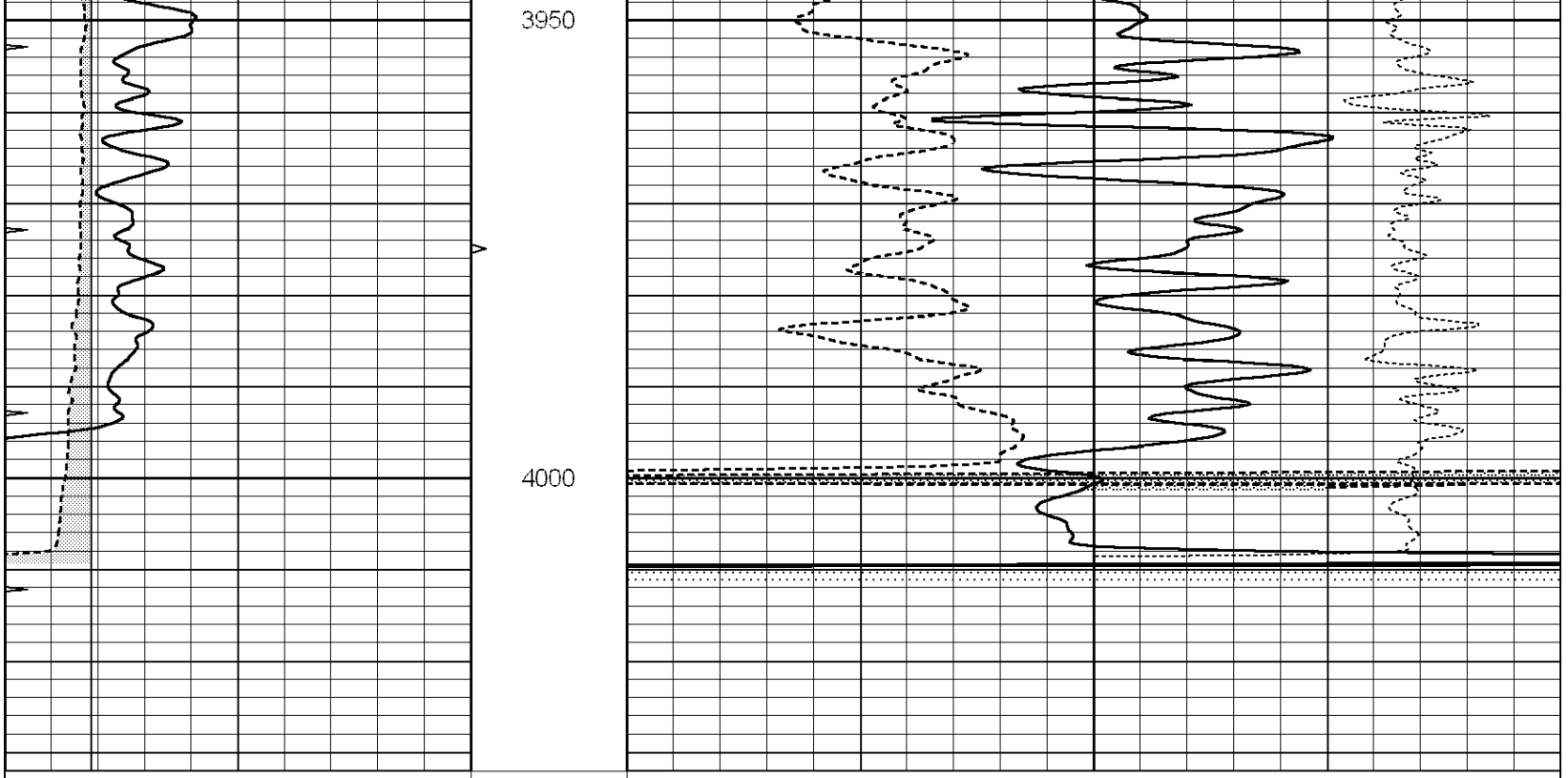
REPEAT SECTION

Database File:	006939ddn.db
Dataset Pathname:	pass2.A
Presentation Format:	den_neu
Dataset Creation:	Sat Jun 18 18:03:18 2011 by Calc Open-Cased 090629
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			





Calibration Report

Database File: 006939ddn.db
Dataset Pathname: pass3.1A
Dataset Creation: Sat Jun 18 16:49:28 2011

Dual Induction Calibration Report

Serial-Model: DIL4-GEAR
Performed: Sat Jun 18 14:19:18 2011

	Readings			References			Results	
Loop:	Air	Loop		Air	Loop		m	b
Deep	0.006	0.665	V	0.000	400.000	mmho/m	490.000	-7.000
Medium	-0.005	0.748	V	0.000	462.500	mmho/m	490.000	-13.000
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.007	0.650	V	0.000	400.000	mmho/m	621.890	-4.289
Medium	0.012	0.750	V	0.000	462.500	mmho/m	626.134	-7.000

Compensated Density Calibration Report

Serial-Model: GEAR1-GEARHART
Source / Verifier: 147 / 147
Master Calibration Performed: Sat Jun 18 15:23:57 2011

Master Calibration

	Density		Far Detector	Near Detector	
Magnesium	1.710	g/cc	1243.76	629.14	cps
Aluminum	2.580	g/cc	282.16	435.01	cps

Spine Angle = 76.03 Density/Spine Ratio = 0.569

	Size		Reading	
Small Ring	9.20	in	3.82	V
Large Ring	14.20	in	6.37	V

Compensated Neutron Calibration Report

Serial Number: NUE_2I
Tool Model: G

CALIBRATION

Detector	Readings		Target		Normalization
Short Space	1.00	cps	1.00	cps	1.0000
Long Space	1.00	cps	1.00	cps	1.0000

Gamma Ray Calibration Report

Serial Number: GR5
Tool Model: OPEN
Performed: Sat Jun 18 15:13:35 2011

Calibrator Value: 1.0 GAPI

Background Reading: 0.0 cps
Calibrator Reading: 1.0 cps

Sensitivity: 0.6500 GAPI/cps