SUPERIOR
Hays,
Kansas

COMPENSATED DENSITY / NEUTRON LOG

Company MUSTANG ENERGY CORPORATION

Well BEESLEY #1

Field

County GOVE State KANSAS

Location: API # : 15-063-22008-0000
2750' FSL & 550' FEL

SEC 24 TWP 14S RGE 29W

Other Services
DIL/MEL

Elevation

Permanent Datum GROUND LEVEL Elevation 2628
Log Measured From KELLY BUSHING 8' A.G.L.
Drilling Measured From KELLY BUSHING

K.B. 2636
D.F. 2634
G.L. 2628

Company MUSTANG ENERGY CORPORATION
Well BEESLEY #1
Field
County GOVE
State KANSAS

Date	7/16/12		
Run Number	ONE		
Depth Driller	4400		
Depth Logger	4402		
Bottom Logged Interval	4378		
Top Log Interval	3000		
Casing Driller	8 5/8" @ 221		
Casing Logger	220		
Bit Size	7 7/8		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 4000 PPM	
Density / Viscosity	9.3/48		
pH / Fluid Loss	9.0/9.6		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	.70 @ 93F		
Rmf @ Meas. Temp	.52 @ 93F		
Rmc @ Meas. Temp	.84 @ 93F		
Source of Rmf / Rmc	MEASURED		
Rm @ BHT	.54 @ 119F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom			
Maximum Recorded Temperature	119F		
Equipment Number	680		
Location	HAYS, KS.		
Recorded By	JASON CAPPELLUCCI		
Witnessed By	JEFF LAWLER		

<<< Fold Here >>>

Comments

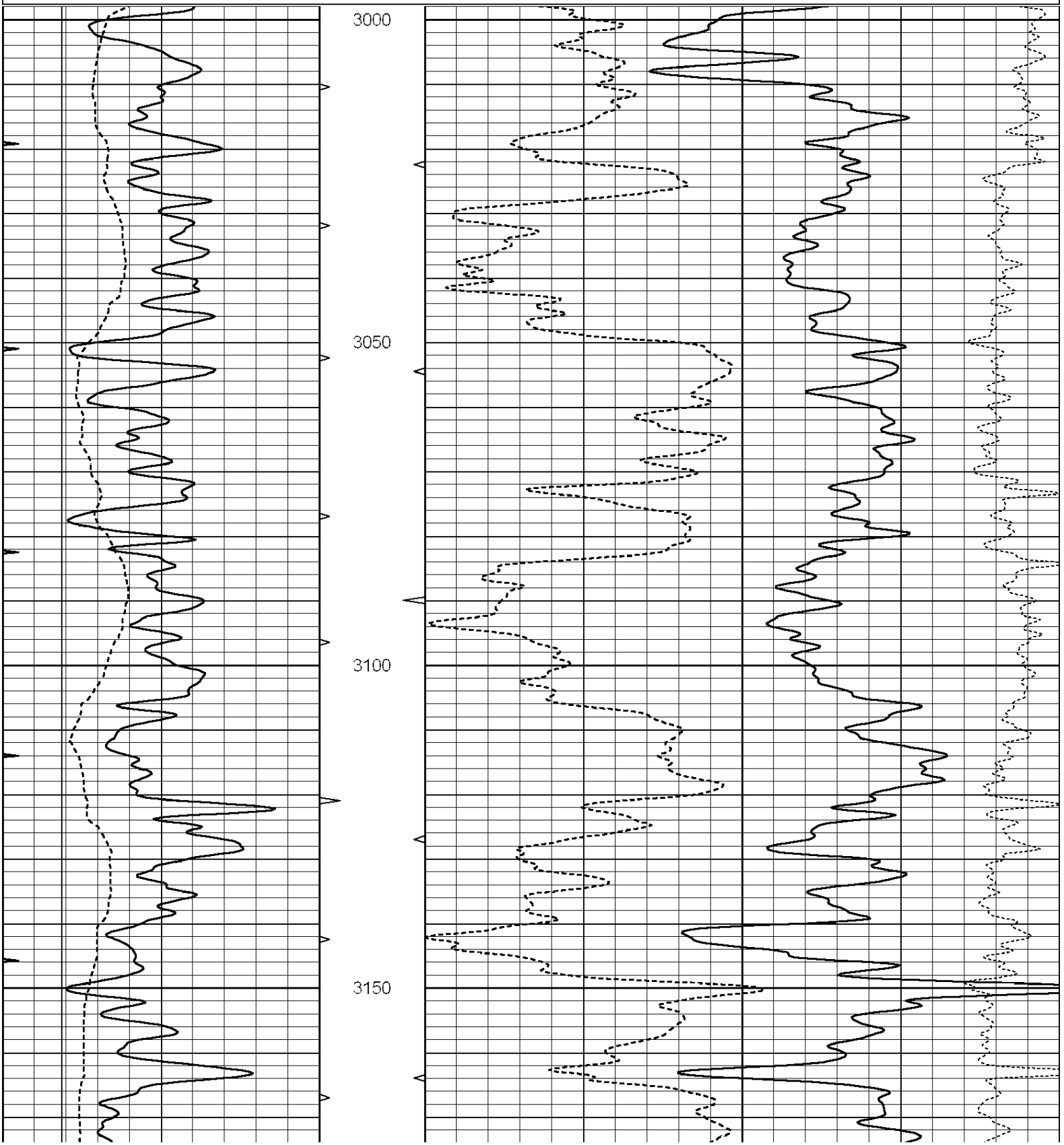
THANK YOU FOR USING SUPERIOR WELL SERVICE (785) 628-6395
DIRECTIONS
GOVE, KS. - 10 S. TO RD. I - 1 E. - 1/2 N. INTO

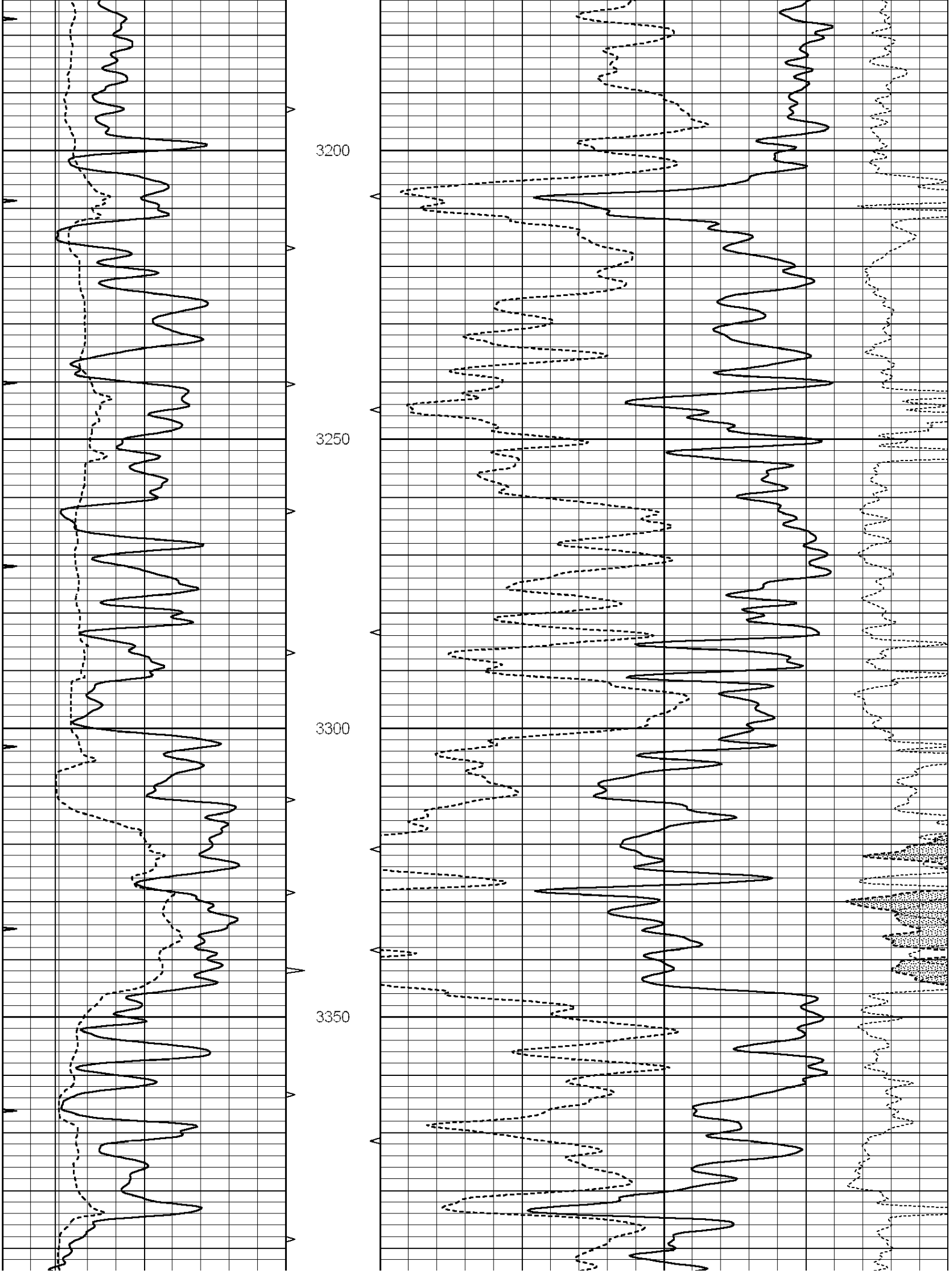
MAIN SECTION

SUPERIOR
Hays,
Kansas

Database File:	009466ddn.db
Dataset Pathname:	pass3.1
Presentation Format:	_den_neu
Dataset Creation:	Mon Jul 16 13:31:21 2012 by Calc Open-Cased 090629
Charted by:	Depth in Feet scaled 1:240

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

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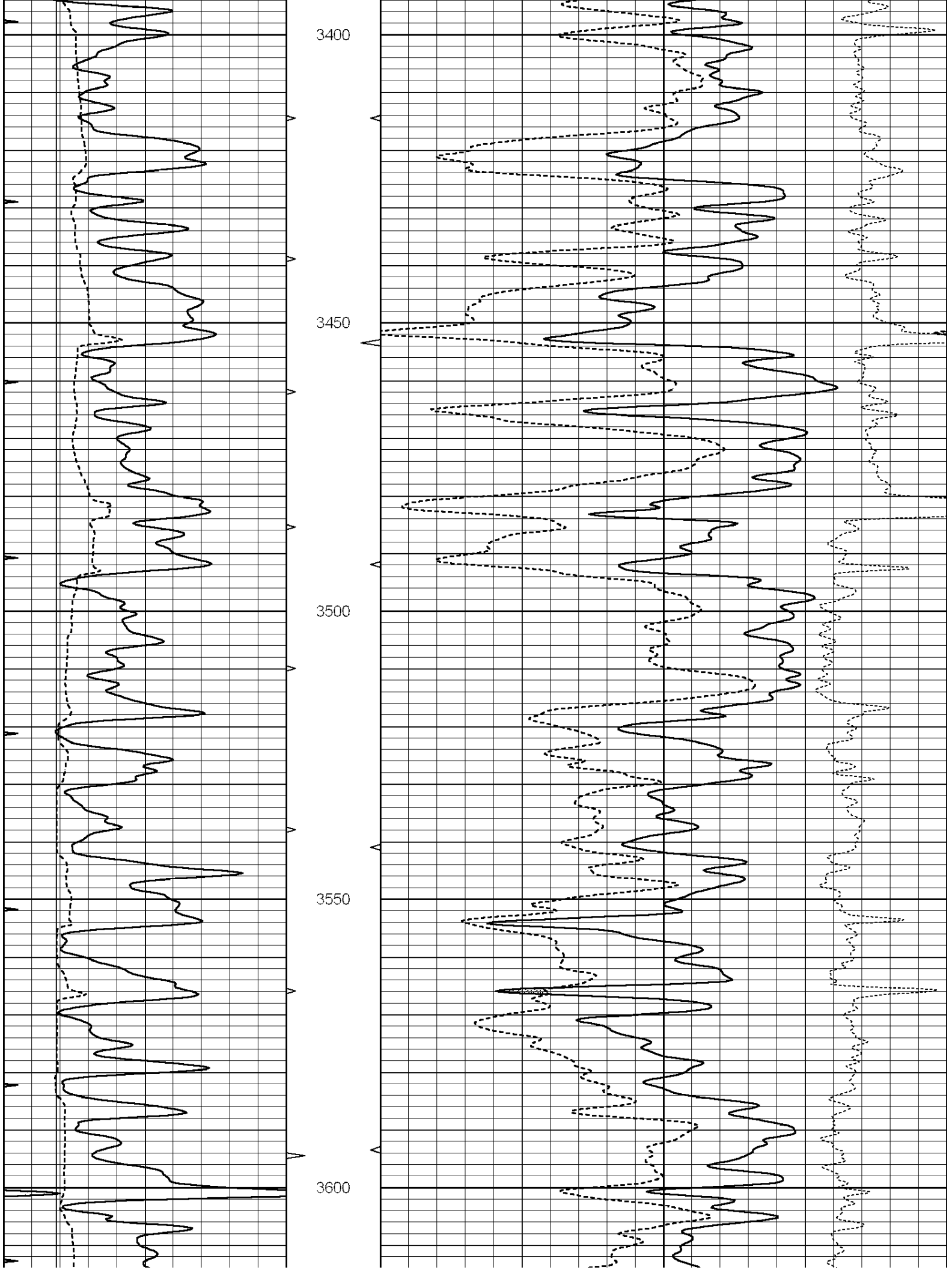
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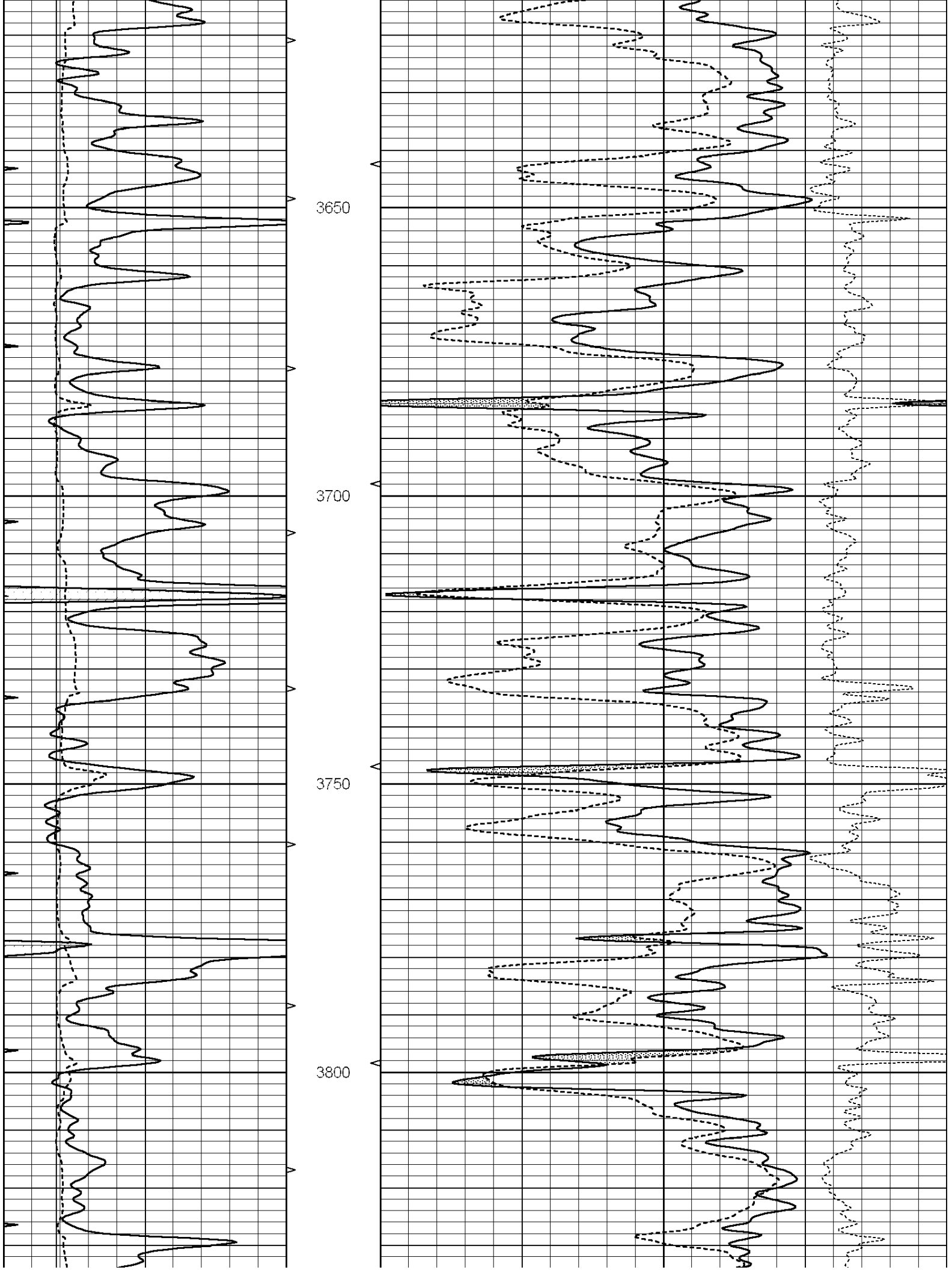
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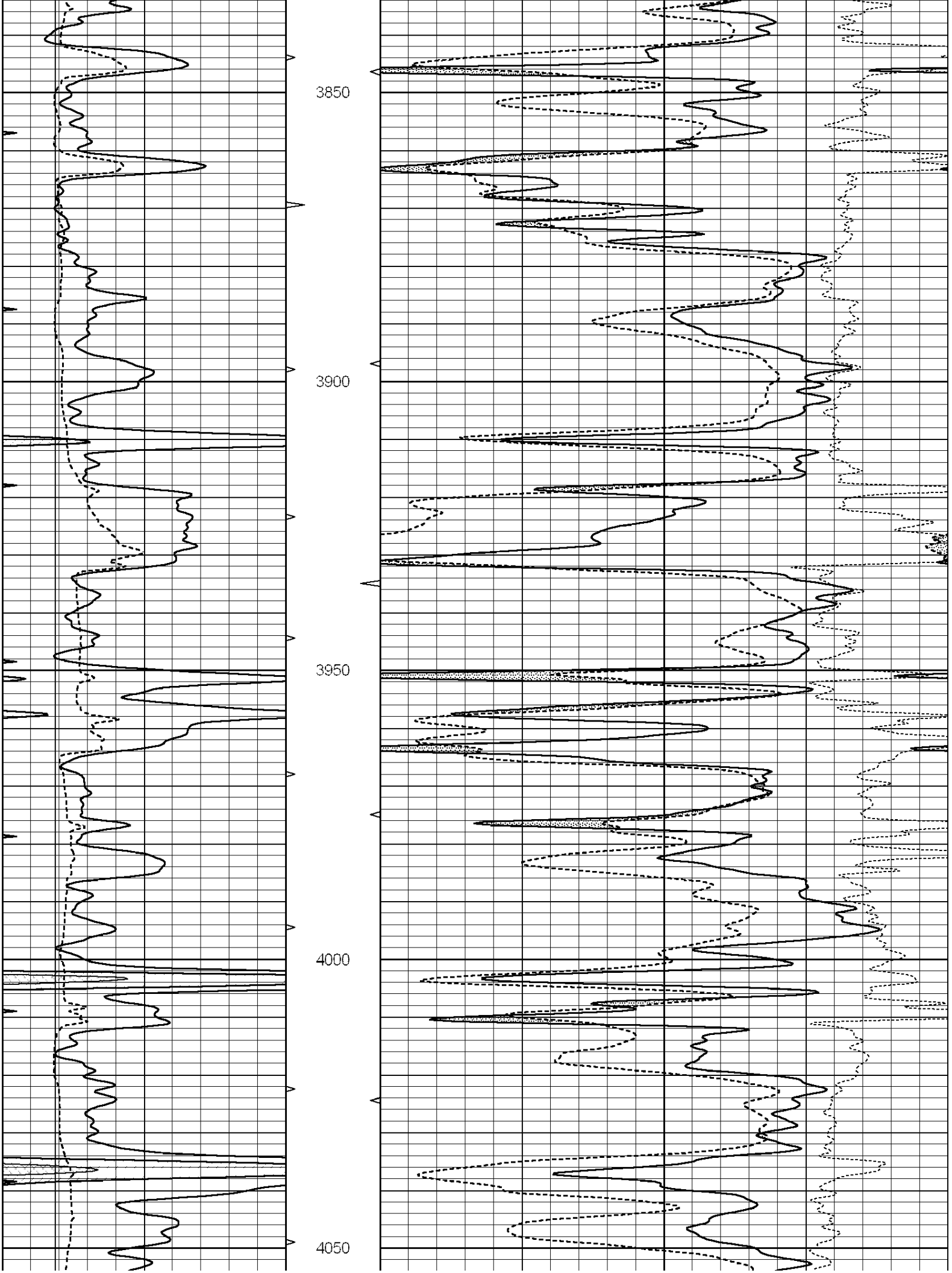
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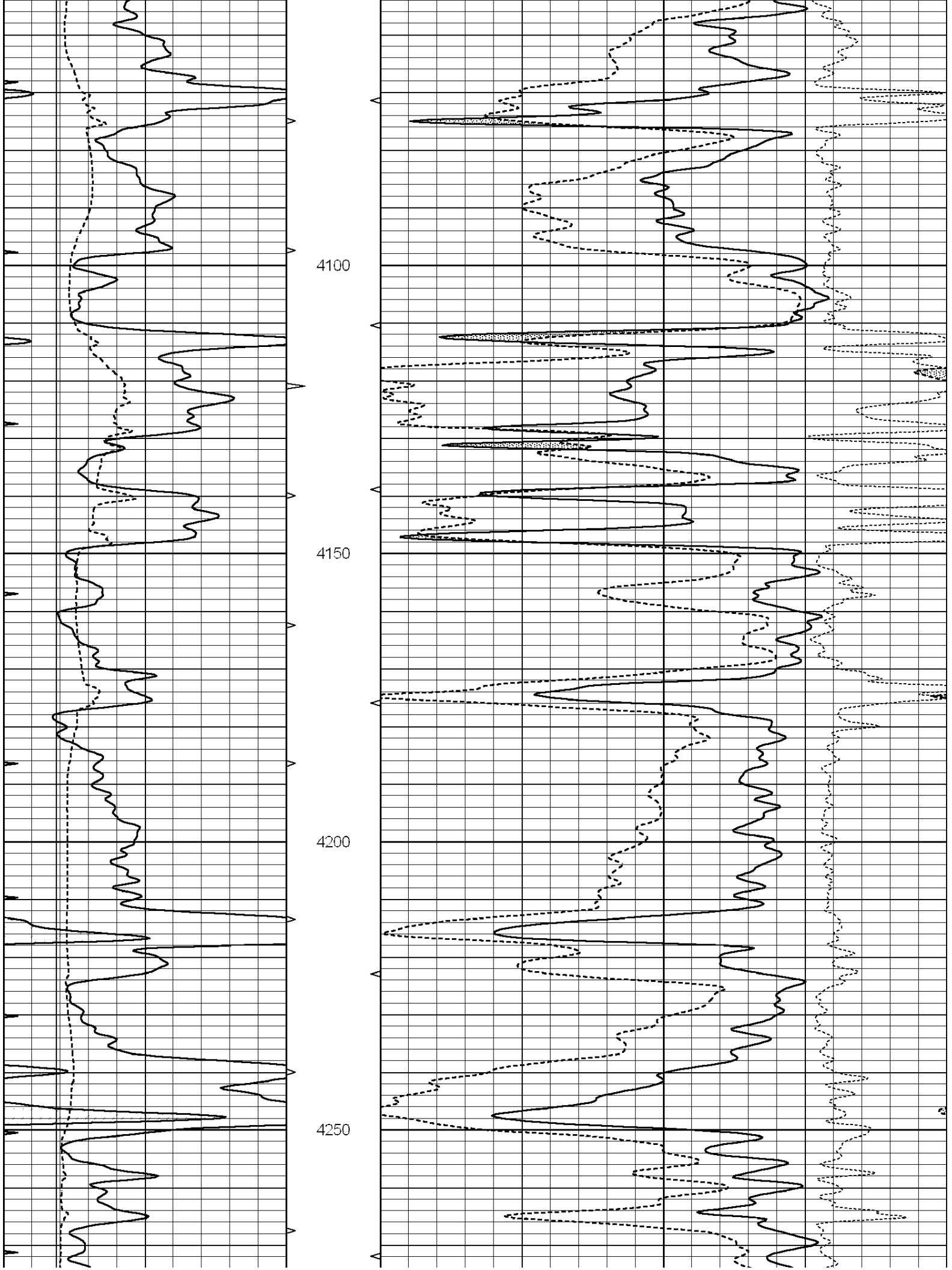
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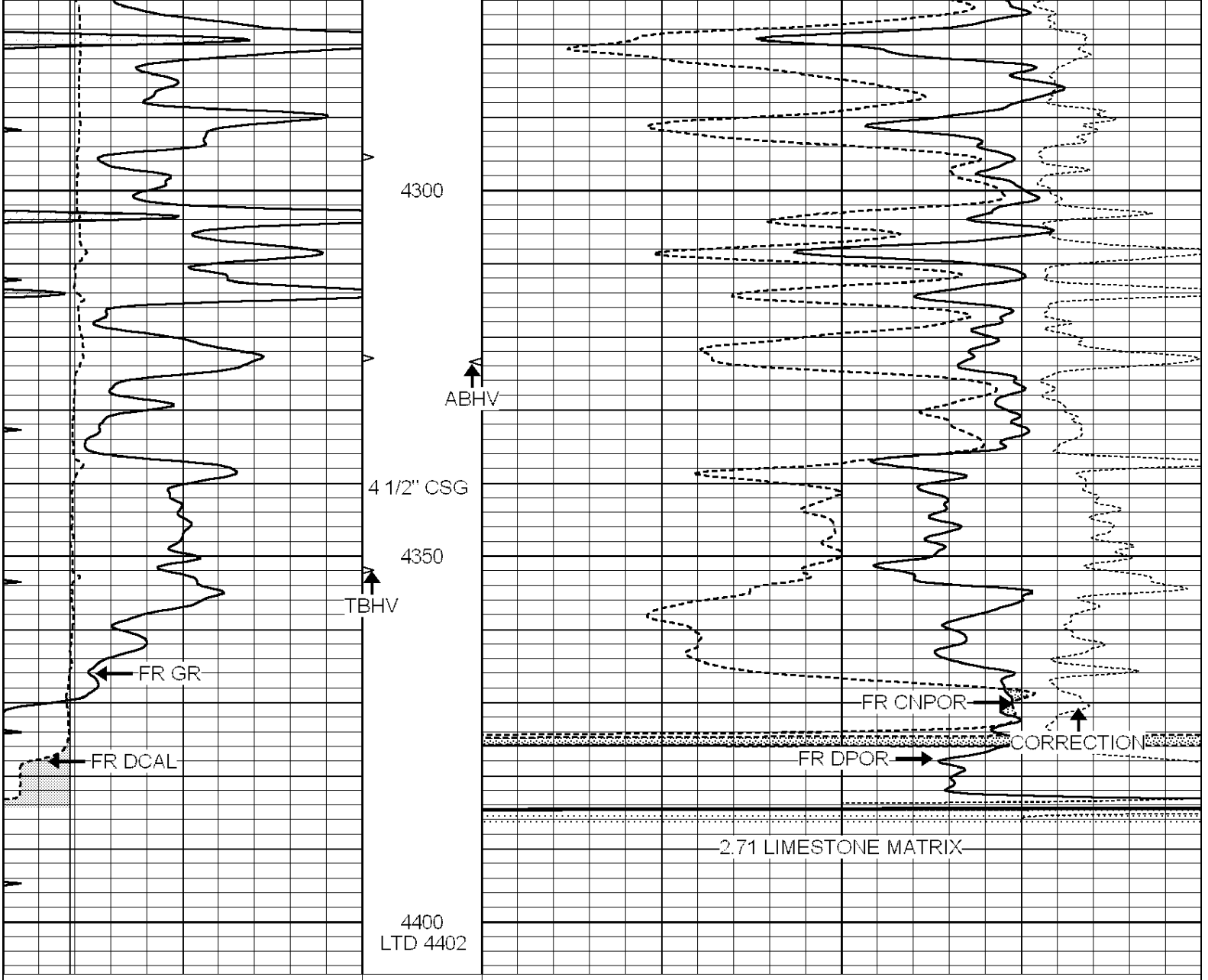

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6	CALIPER (in)	16	10 (ft3) 0	30	COMPENSATED NEUTRON (pu)		-10
0	MINMK	20	BVTX			-0.25 CORRECTION (g/cc)	0.25
			0 (ft3) 10				

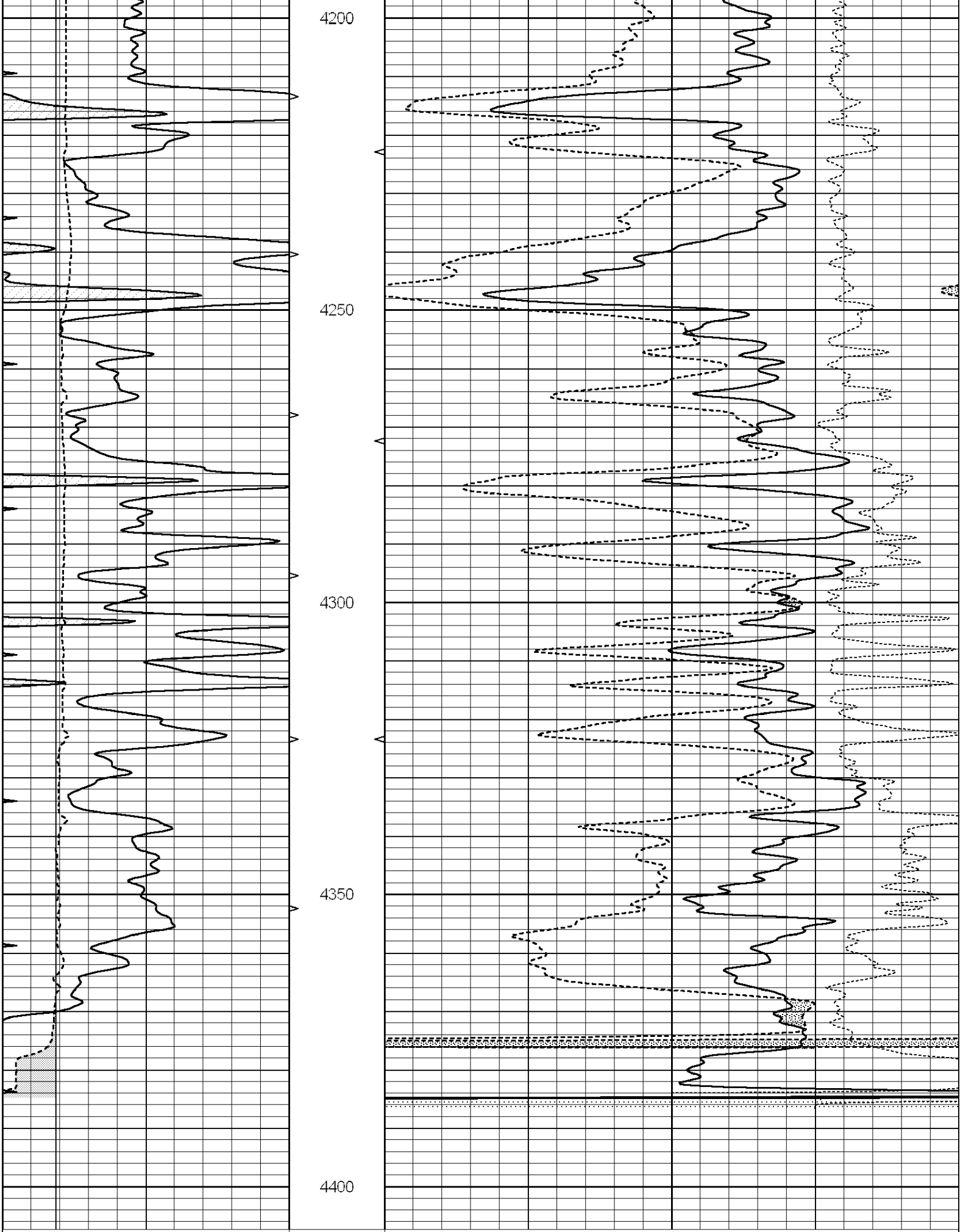
SUPERIOR WELL SERVICES

SUPERIOR
Hays,
Kansas

REPEAT SECTION

Database File:	009466ddn.db
Dataset Pathname:	pass2.1
Presentation Format:	_den_neu
Dataset Creation:	Mon Jul 16 13:19:07 2012 by Calc Open-Cased 090629
Charted by:	Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	AVTX	30	COMPENSATED DENSITY (pu)		-10
6	CALIPER (in)	16	10 (ft3) 0	30	COMPENSATED NEUTRON (pu)		-10
0	MINMK	20	BVTX			-0.25 CORRECTION (g/cc)	0.25
			0 (ft3) 10				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4250
4300
4350
4400
0
GAMMA RAY (GAPI)
150
AVTX
30
COMPENSATED DENSITY (pu)
-10
6
CALIPER (in)
16
10
(ft3)
0
30
COMPENSATED NEUTRON (pu)
-10

0	MINMK	20	BVTX			-0.25	CORRECTION (g/cc) 0.25
			0 (ft3) 10				

Calibration Report

Database File: 009466ddn.db
Dataset Pathname: pass2.1
Dataset Creation: Mon Jul 16 13:19:07 2012 by Calc Open-Cased 090629

Dual Induction Calibration Report

Serial-Model:	PROBE8-DILG
Surface Cal Performed:	Fri Aug 01 06:33:19 2008
Downhole Cal Performed:	Mon Jul 28 11:08:27 2008
After Survey Verification Performed:	Mon Jul 28 11:08:27 2008

Surface Calibration

	Readings			References			Results	
Loop:	Air	Loop		Air	Loop		m	b
Deep	0.015	0.648	V	0.000	400.000	mmho/m	632.616	-9.730
Medium	0.029	0.796	V	0.000	464.000	mmho/m	605.049	-17.680
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.017	0.657	V	0.000	400.000	mmho/m	625.153	-10.619
Medium	0.016	0.757	V	0.000	464.000	mmho/m	625.992	-9.739

Downhole Calibration

	Readings			References			Results	
	Zero	Cal		Zero	Cal		m'	b'
Deep	0.000	0.000	mmho/m	2.011	405.777	mmho/m	1.000	0.000
Medium	0.000	0.000	mmho/m	7.590	503.393	mmho/m	1.000	0.000
LL3		7.500	V		1500.000	Ohm-m		
		0.000	V		20.000	Ohm-m		
		-7.200	V		3800.000	mmho-m		

After Survey Verification

	Readings			Targets			Results	
	Zero	Cal		Zero	Cal		m'	b'
Deep	0.000	0.000	mmho/m	0.000	0.000	mmho/m	0.000	0.000
Medium	0.000	0.000	mmho/m	0.000	0.000	mmho/m	0.000	0.000
LL3		1.000	Ohm-m		1.000	Ohm-m		
		0.000	Ohm-m		0.000	Ohm-m		
		1.000	mmho-m		1.000	mmho-m		

Compensated Density Calibration Report

Serial-Model:	GEAR4-GEARHART
Source / Verifier:	143 / 143
Master Calibration Performed:	Mon Mar 19 19:07:19 2012

Master Calibration

	Density		Far Detector	Near Detector	
Magnesium	1.710	g/cc	1015.91	497.51	cps
Aluminum	2.580	g/cc	227.67	350.20	cps

Spine Angle = 76.79

Density/Spine Ratio = 0.566

Size	Reading

Small Ring	8.00	in	3.21	V
Large Ring	14.00	in	5.46	V

Compensated Neutron Calibration Report

Serial Number: 6I
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: #8
Tool Model: OPEN
Performed: Mon Jun 13 16:56:43 2011

Calibrator Value: 150.0 GAPI

Background Reading: 0.0 cps
Calibrator Reading: 175.0 cps

Sensitivity: 0.8371 GAPI/cps