SUPERIOR
Hays,
Kansas

COMPENSATED NEUTRON / DENSITY PE LOG

Company VINCENT OIL CORPORATION

Well OVERMYER #2-9

Field WILDCAT

County FORD State KANSAS

Location: API # : 15-057-20842-0000
2120' FSL & 1490' FEL

SEC 9 TWP 29S RGE 22W

Other Services
DIL/MEL
SONIC

Permanent Datum	GROUND LEVEL	Elevation 2482
Log Measured From	KELLY BUSHING 12' A.G.L.	
Drilling Measured From	KELLY BUSHING	

Elevation
K.B. 2494
D.F. 2492
G.L. 2482

Date	9/16/12		
Run Number	ONE		
Depth Driller	5450		
Depth Logger	5450		
Bottom Logged Interval	5426		
Top Log Interval	4250		
Casing Driller	8 5/8" @ 659		
Casing Logger	658		
Bit Size	7 7/8		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 10300 PPM	
Density / Viscosity	9.2/50		
pH / Fluid Loss	10.5/11.2		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	.42 @ 80F		
Rmf @ Meas. Temp	.31 @ 80F		
Rmc @ Meas. Temp	.50 @ 80F		
Source of Rmf / Rmc	MEASURED		
Rm @ BHT	.26 @ 129F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom			
Maximum Recorded Temperature	129F		
Equipment Number	680		
Location	HAYS, KS.		
Recorded By	JASON CAPPELLUCCI		
Witnessed By	KEN LeBLANC		

Company VINCENT OIL CORPORATION
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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

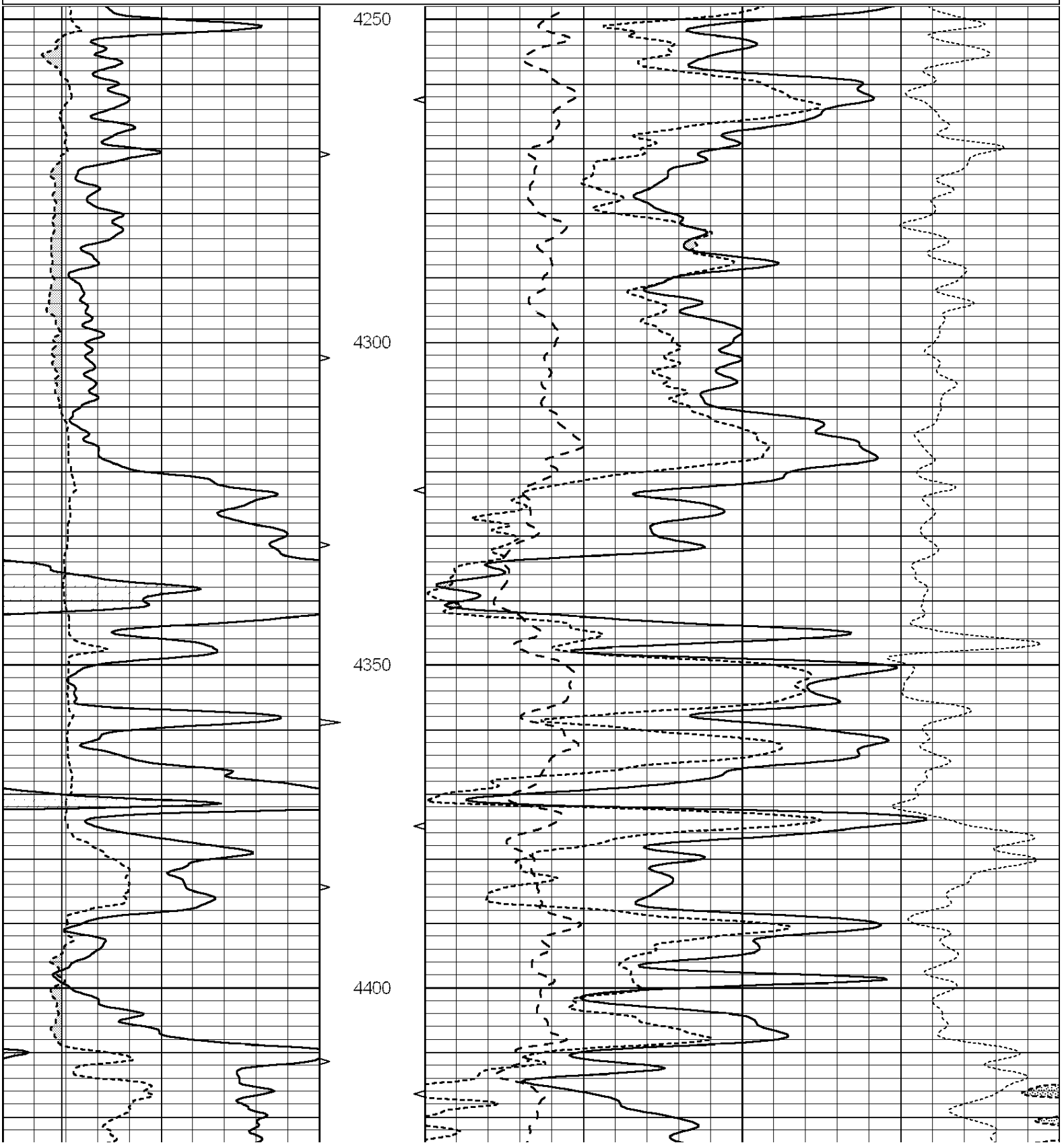
THANK YOU FOR USING SUPERIOR WELL SERVICE (785) 628-6395
DIRECTIONS
E. OF KINGSDOWN HWY 54 & RD. 127 - 1/4 MILE N. - W. INTO

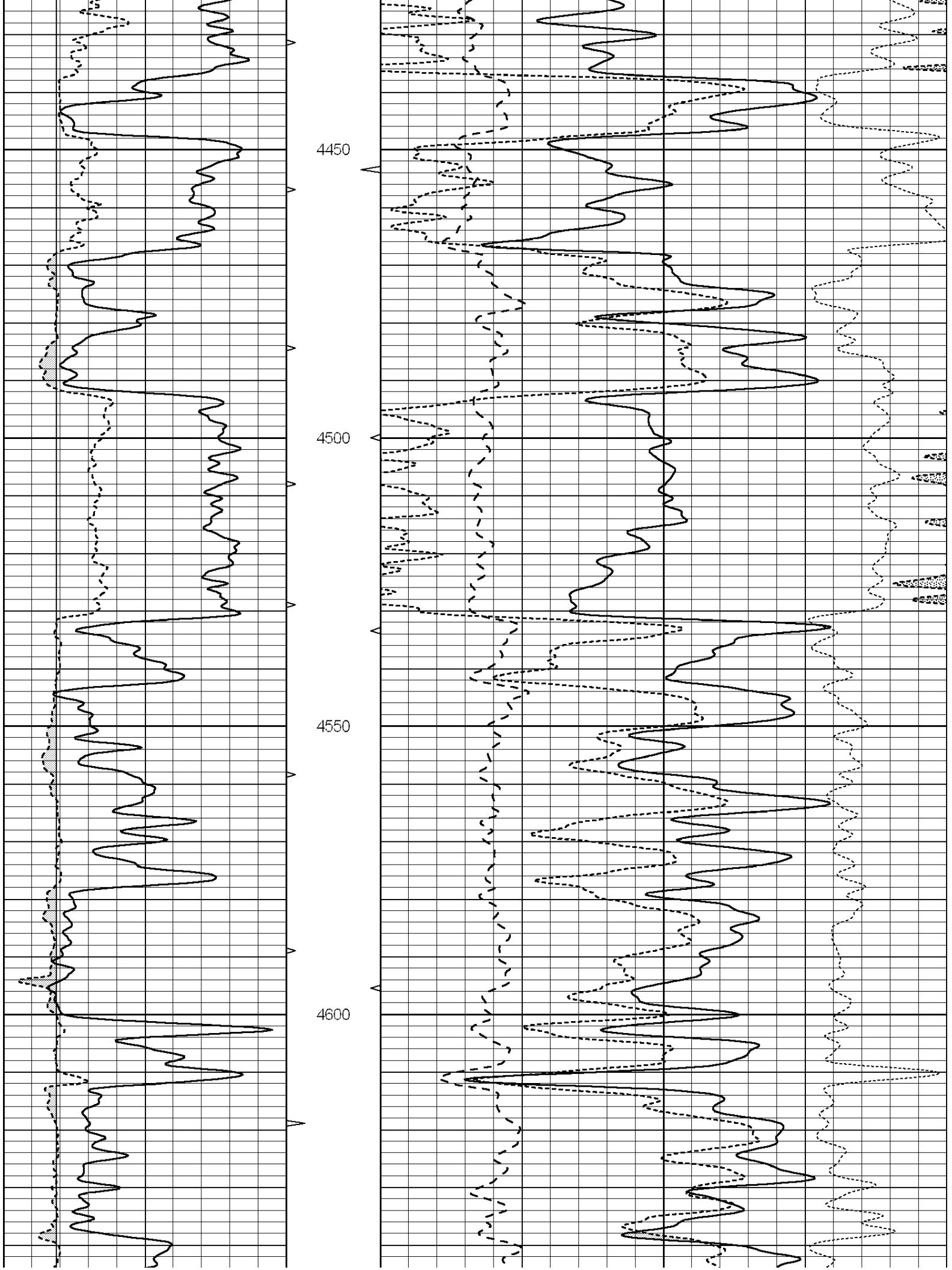
MAIN SECTION

SUPERIOR
Hays,
Kansas

Database File: 009729pe.db
Dataset Pathname: pass3.1
Presentation Format: _ldt_neu
Dataset Creation: Sun Sep 16 08:45:26 2012 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
	TBHV	0 PE 10 -0.25 CORRECTION (g/cc) 0.25
	0 (ft3) 10	

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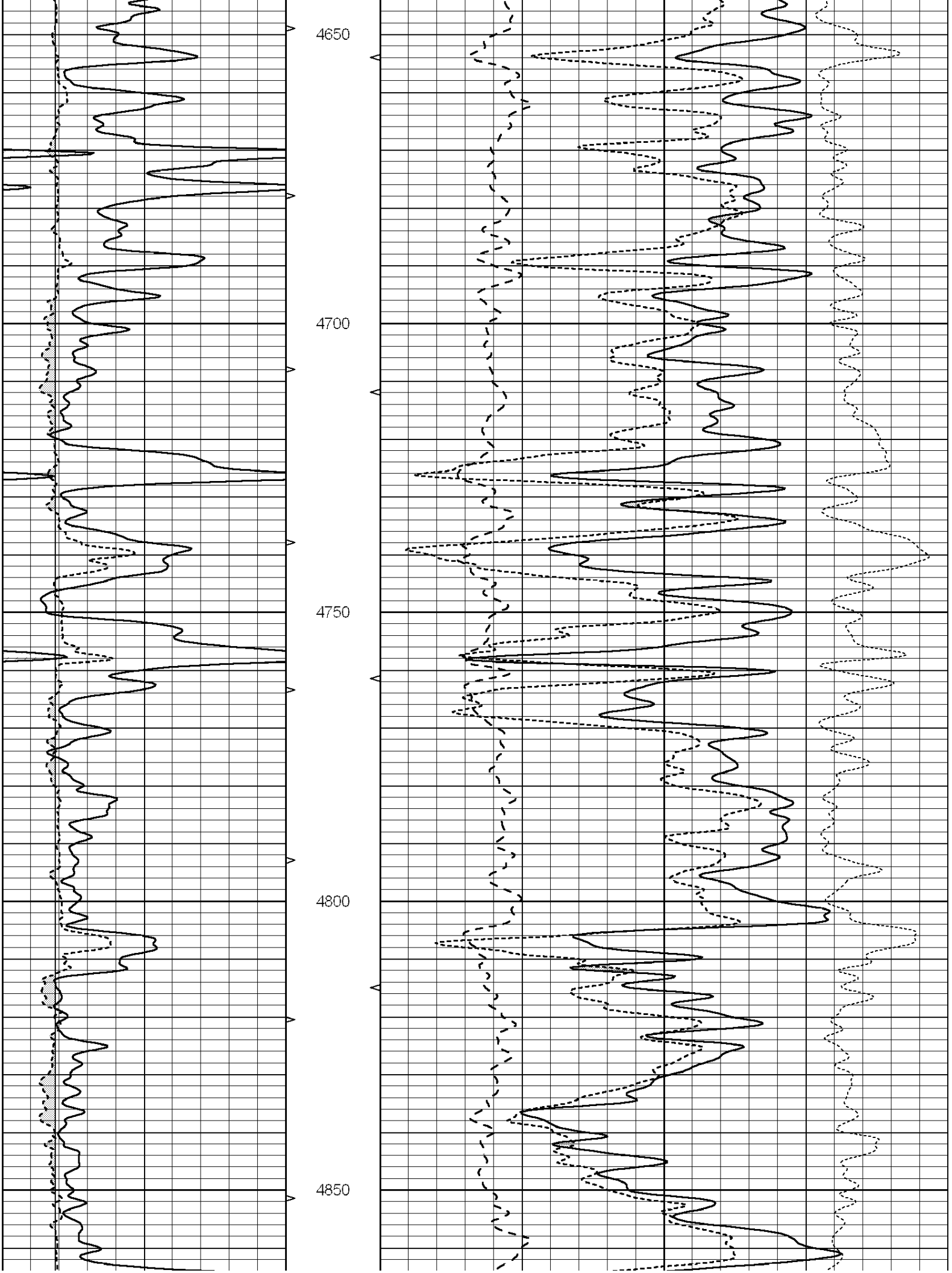
4500
4550
4600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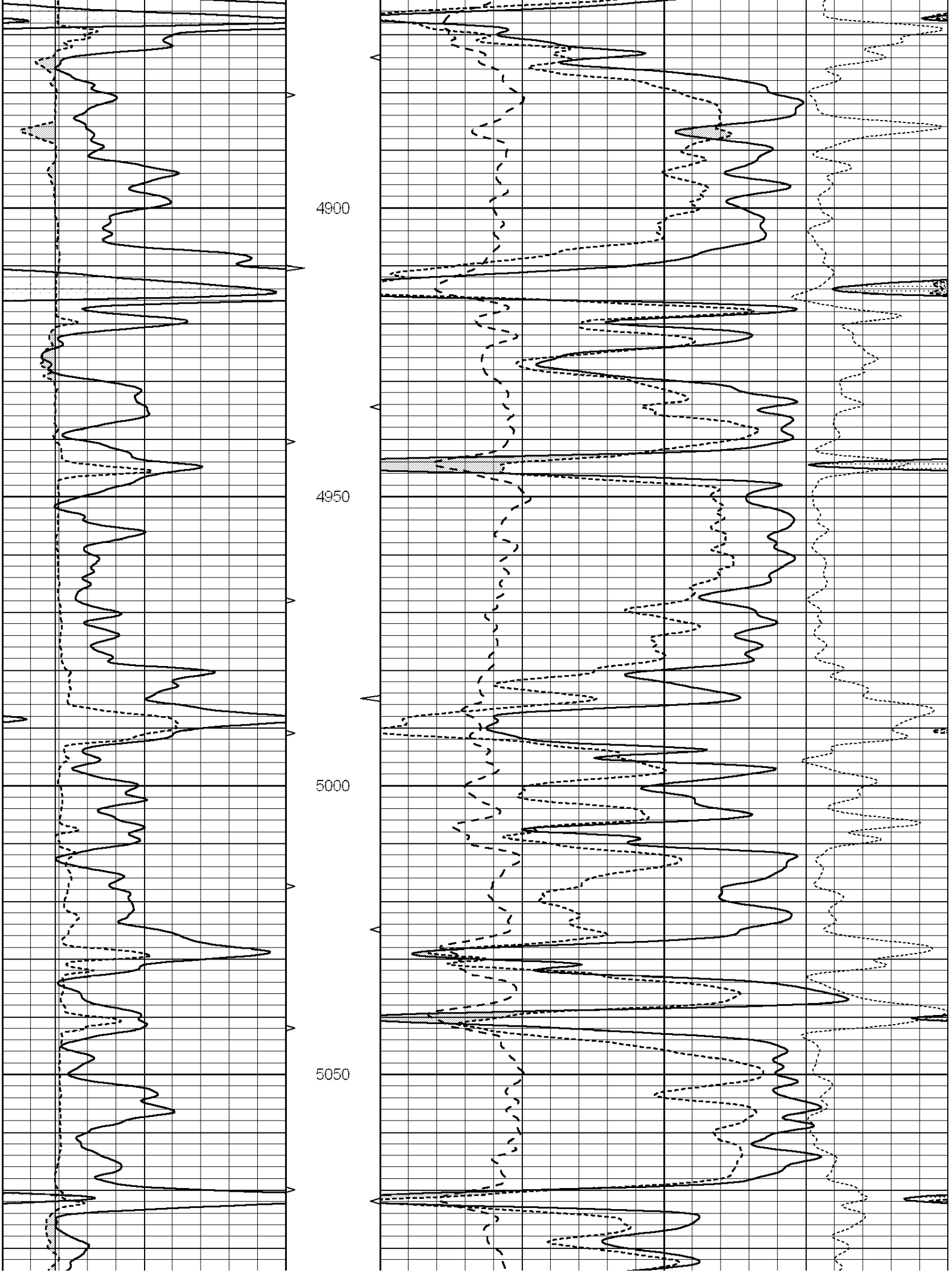
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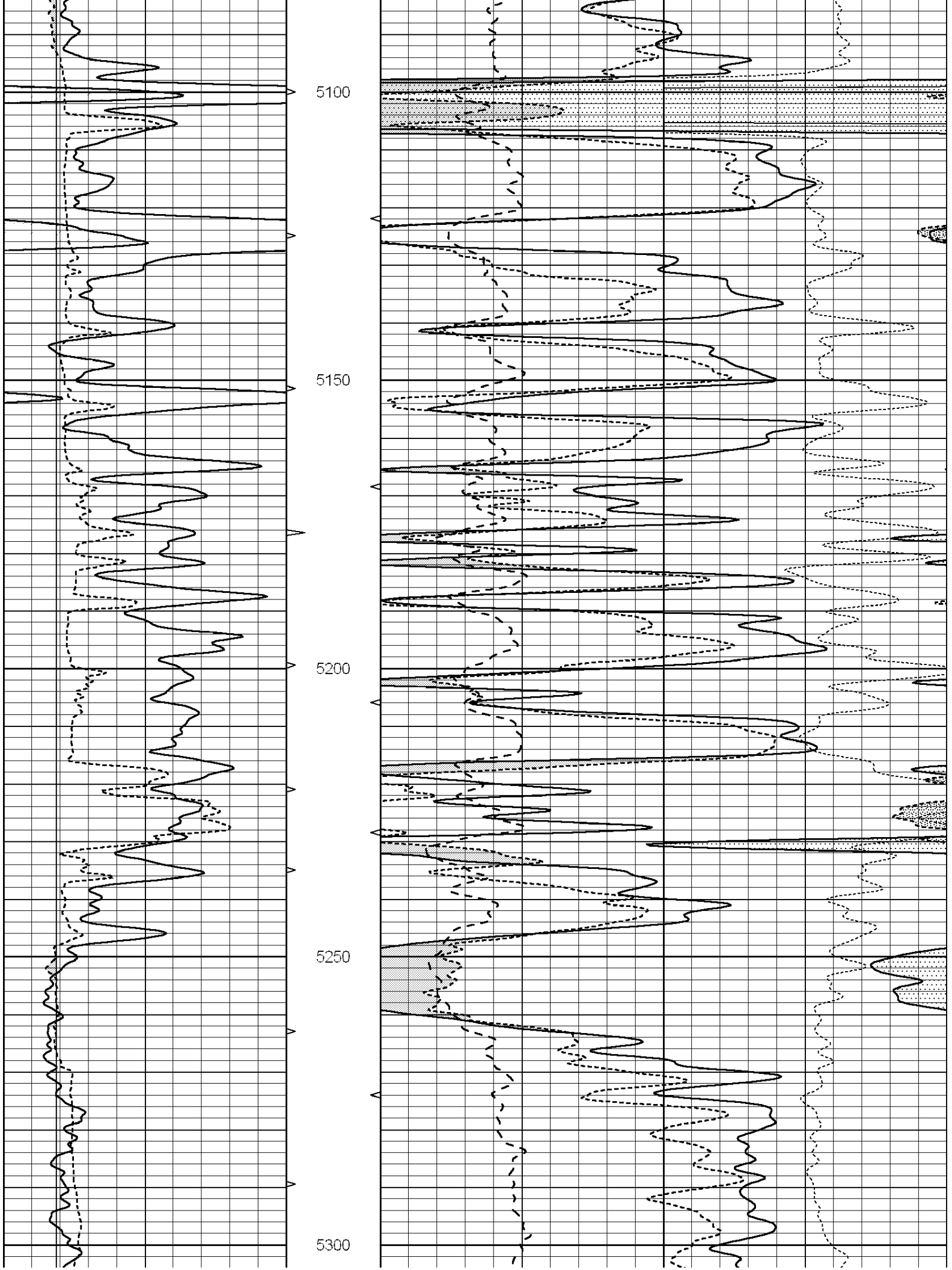
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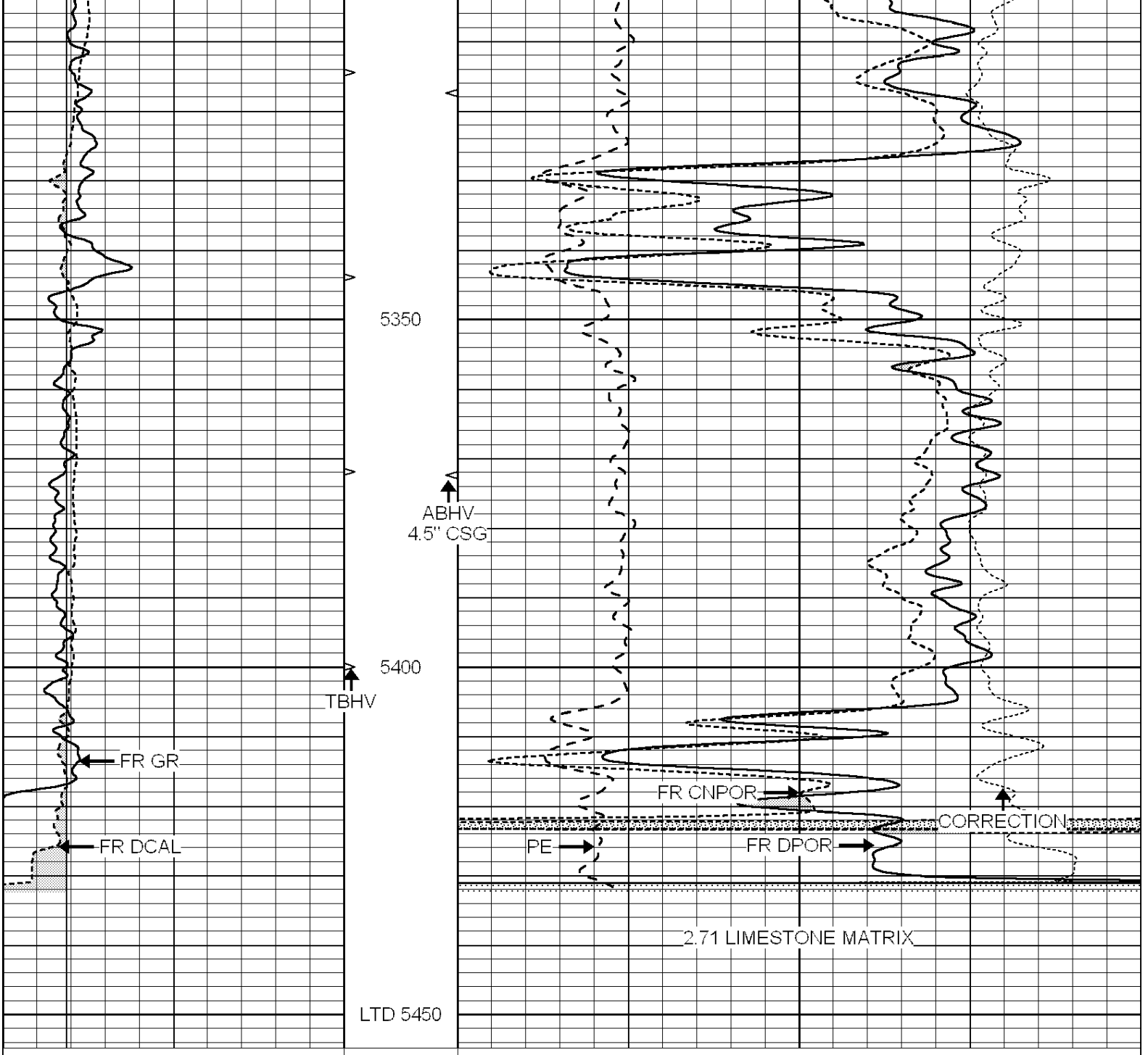
5150
5200
5250
5300



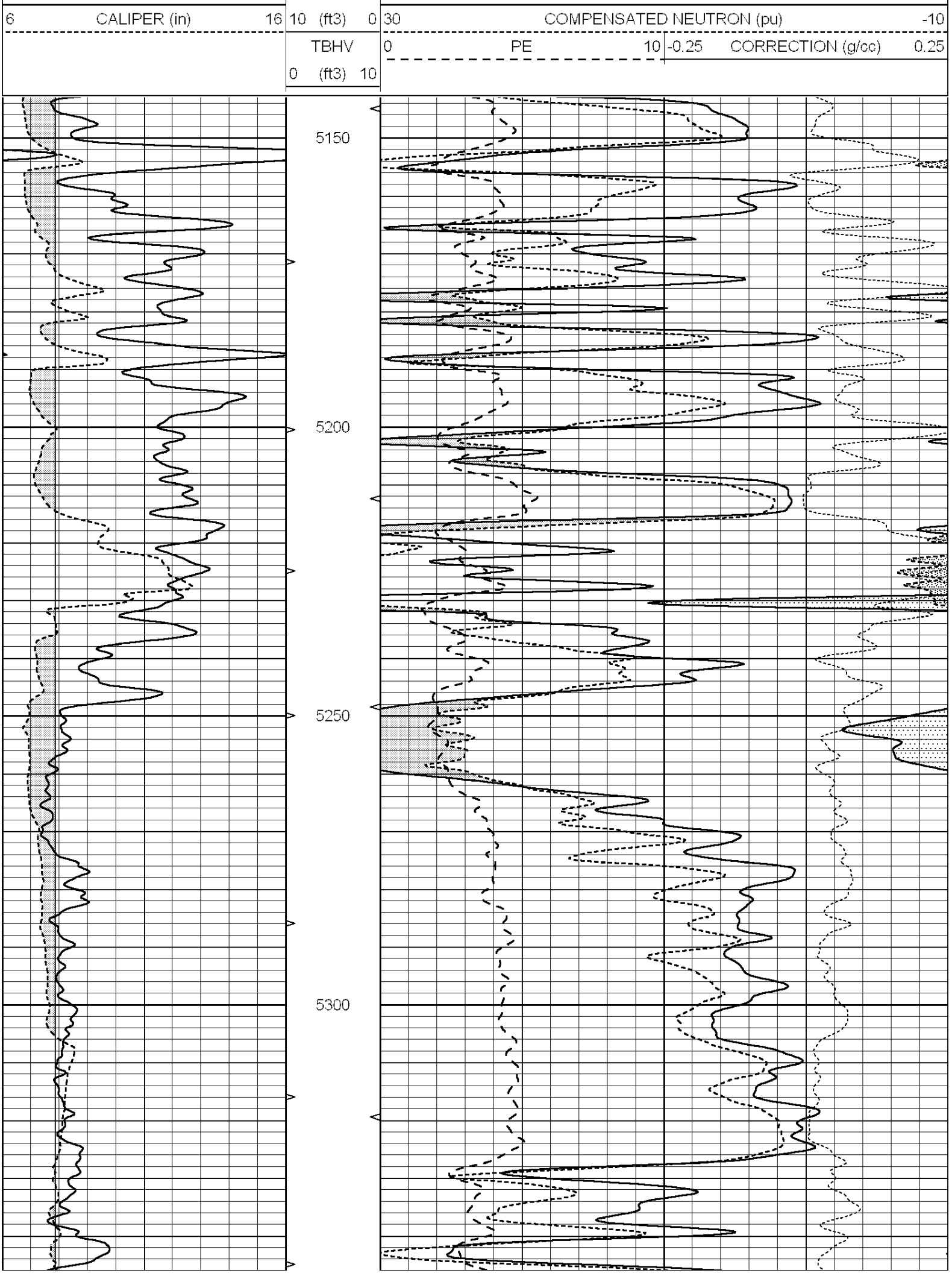
SUPERIOR WELL SERVICES

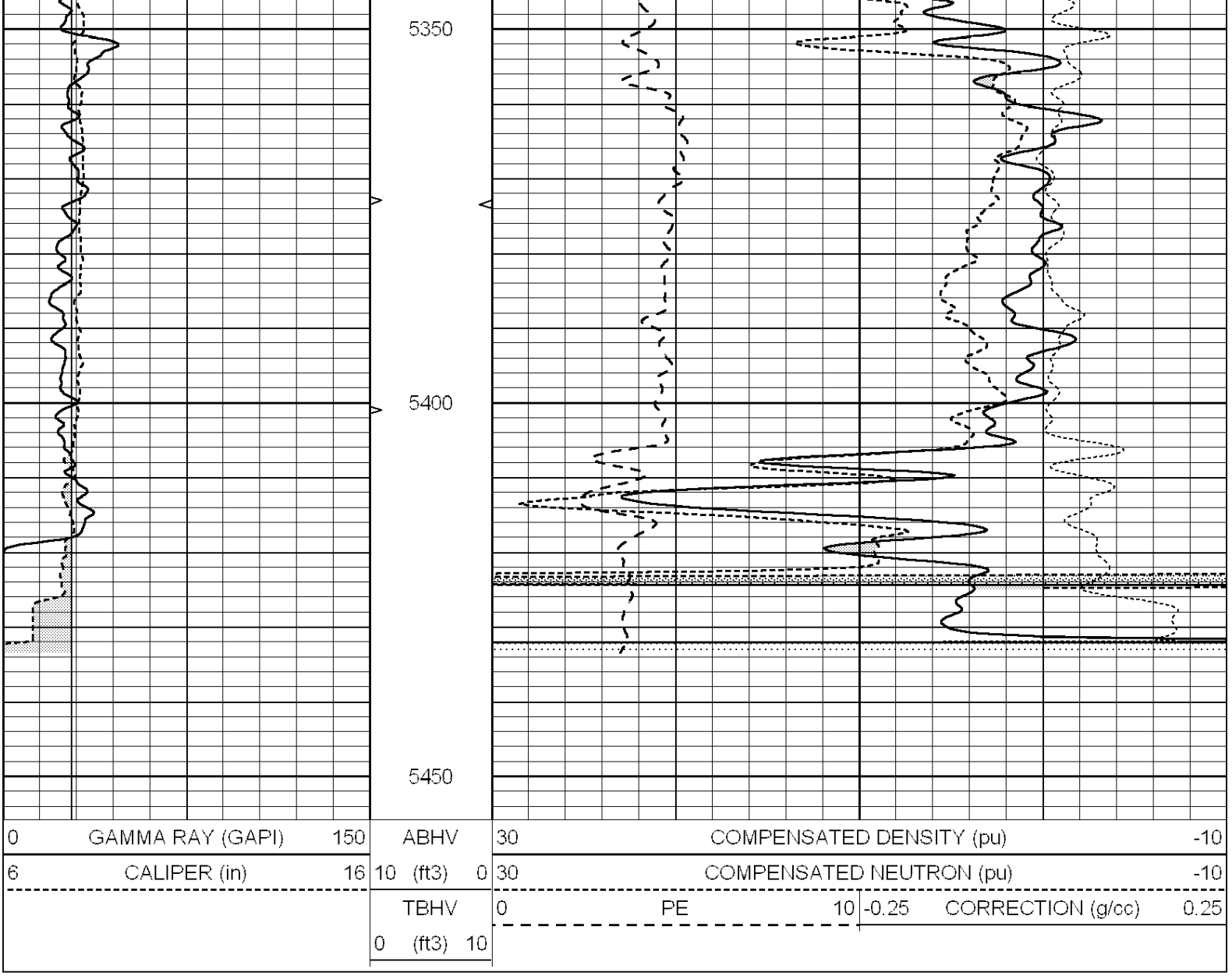
SUPERIOR
Hays,
Kansas

REPEAT SECTION

Database File:	009729pe.db
Dataset Pathname:	pass2.1
Presentation Format:	_ldt_neu
Dataset Creation:	Sun Sep 16 08:35:37 2012 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
TBHV
0
(ft3)
10
30
COMPENSATED NEUTRON (pu)
-10
0
PE
10
-0.25
CORRECTION (g/cc)
0.25
5150
5200
5250
5300



Calibration Report

Database File: 009729pe.db
Dataset Pathname: pass3.1
Dataset Creation: Sun Sep 16 08:45:26 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		

Litho Density Calibration Report

Serial: 001 Model: PRB
Performed Thu Sep 17 09:57:21 2009

Litho Density Calibration

	Background	Magnesium	Aluminum	Sandstone	
Window 1	2056.0	9796.8	3673.1	10821.3	cps
Window 2	1920.0	8541.1	3303.5	9307.2	cps
Window 3	1563.1	4735.7	2212.8	5017.5	cps
Window 4	466.0	466.1	465.6	471.5	cps
Long Space	0.0	6621.1	1383.5	7387.2	cps
Short Space	2.5	2361.7	1523.2	2534.0	cps
Rho		1.7100	2.5900	1.3800	g/cc
Pe			2.5700	1.5500	

Rib Angle	: 44.4	Rib Slope	: 0.978	Density/Spine Ratio	: 0.541
Spine Angle	: 74.4	Spine Slope	: 3.570	Spine Intercept	: -18.9

Caliper

	Readings	Reference
Low Ref	3.1	8.4
High Ref	4.3	14.3
	Gain: 4.6	Offset: -7.7

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

Calibrator Reading:	11.5	cps
Sensitivity:	0.8371	GAPI/cps