NABORS COMPLETION & PRODUCTION SERVICES CO.

COMPENSATED DENSITY / NEUTRON PE LOG

Company	VINCENT OIL CORPORATION
Well	HAWES RANCH #1-14
Field	WILDCAT
County	FORD
State	KANSAS

Company VINCENT OIL CORPORATION
Well HAWES RANCH #1-14
Field WILDCAT
County FORD State KANSAS
Location: API # : 15-057-20911-0000
2245' FNL & 2500' FEL
SEC 14 TWP 28S RGE 23W

Permanent Datum GROUND LEVEL Elevation 2425
Log Measured From KELLY BUSHING 12' A.G.L.
Drilling Measured From KELLY BUSHING

Other Services: DIL/MEL, SONIC

Elevation: K.B. 2437, D.F. 2435, G.L. 2425

Date	10/6/13		
Run Number	ONE		
Depth Driller	5220		
Depth Logger	5221		
Bottom Logged Interval	5197		
Top Log Interval	4100		
Casing Driller	8 5/8"@611'		
Casing Logger	610		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 7,000 PPM	
Density / Viscosity	9.3/50		
pH / Fluid Loss	10.5/11.2		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	.600@70F		
Rmf @ Meas. Temp	.450@70F		
Rmc @ Meas. Temp	.720@70F		
Source of Rmf / Rmc	MEASUREMENT		
Rm @ BHT	.331@127F		
Time Circulation Stopped	2.5 HOURS		
Time Logger on Bottom	2:45 A.M.		
Maximum Recorded Temperature	127F		
Equipment Number	4854		
Location	HAYS, KANSAS		
Recorded By	JEFF LUEBBERS		
Witnessed By	KEN LeBLANC		

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Comments

THANK YOU FOR USING "NABORS" HAYS, KANSAS (785) 628-6395
DIRECTIONS
FORD, KS. & SADDLE RD., W. TO "RD. 123", 2S., 1W., 1/2S., 1/2E. INTO

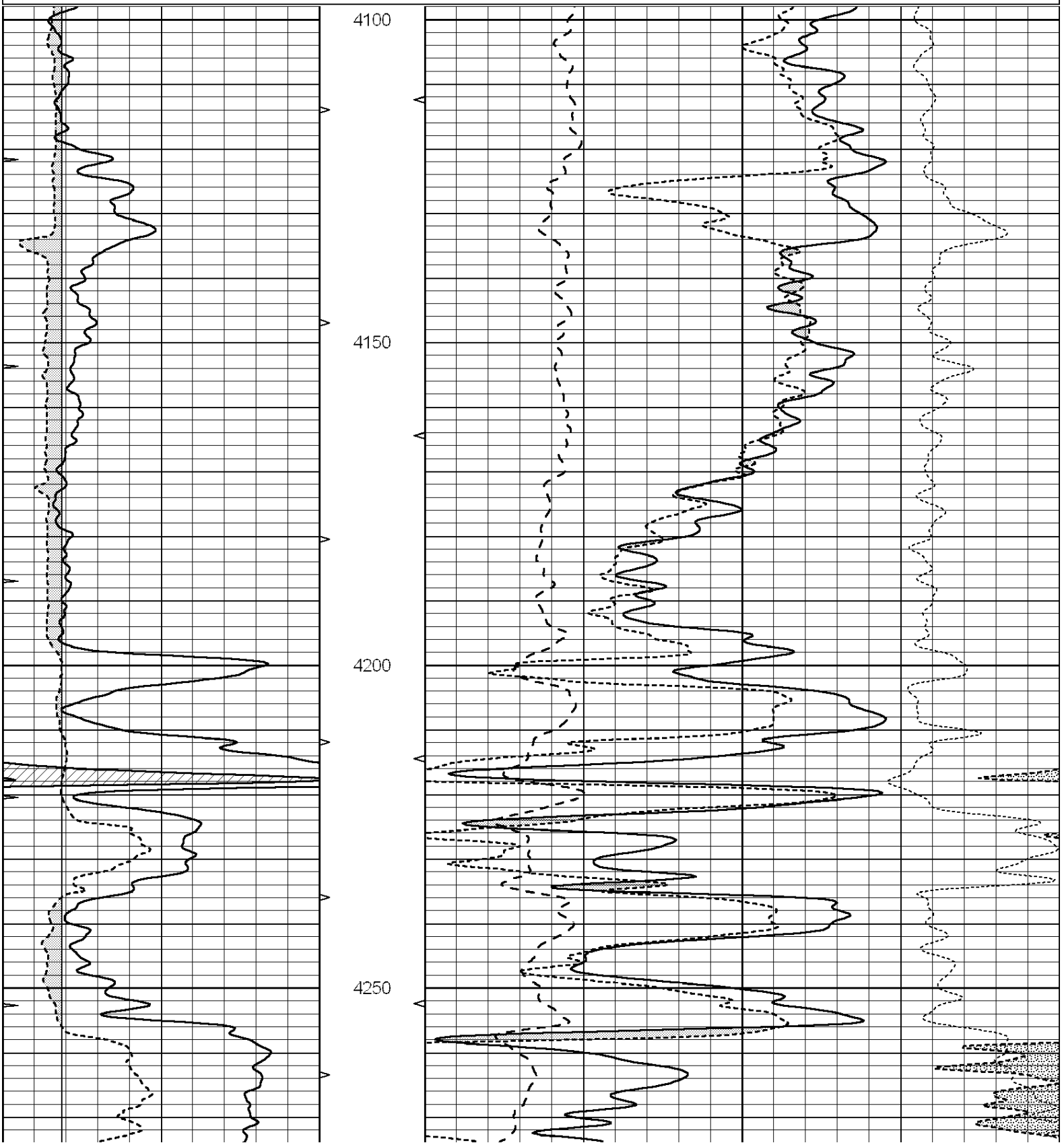
NABORS COMPLETION & PRODUCTION SERVICES CO.

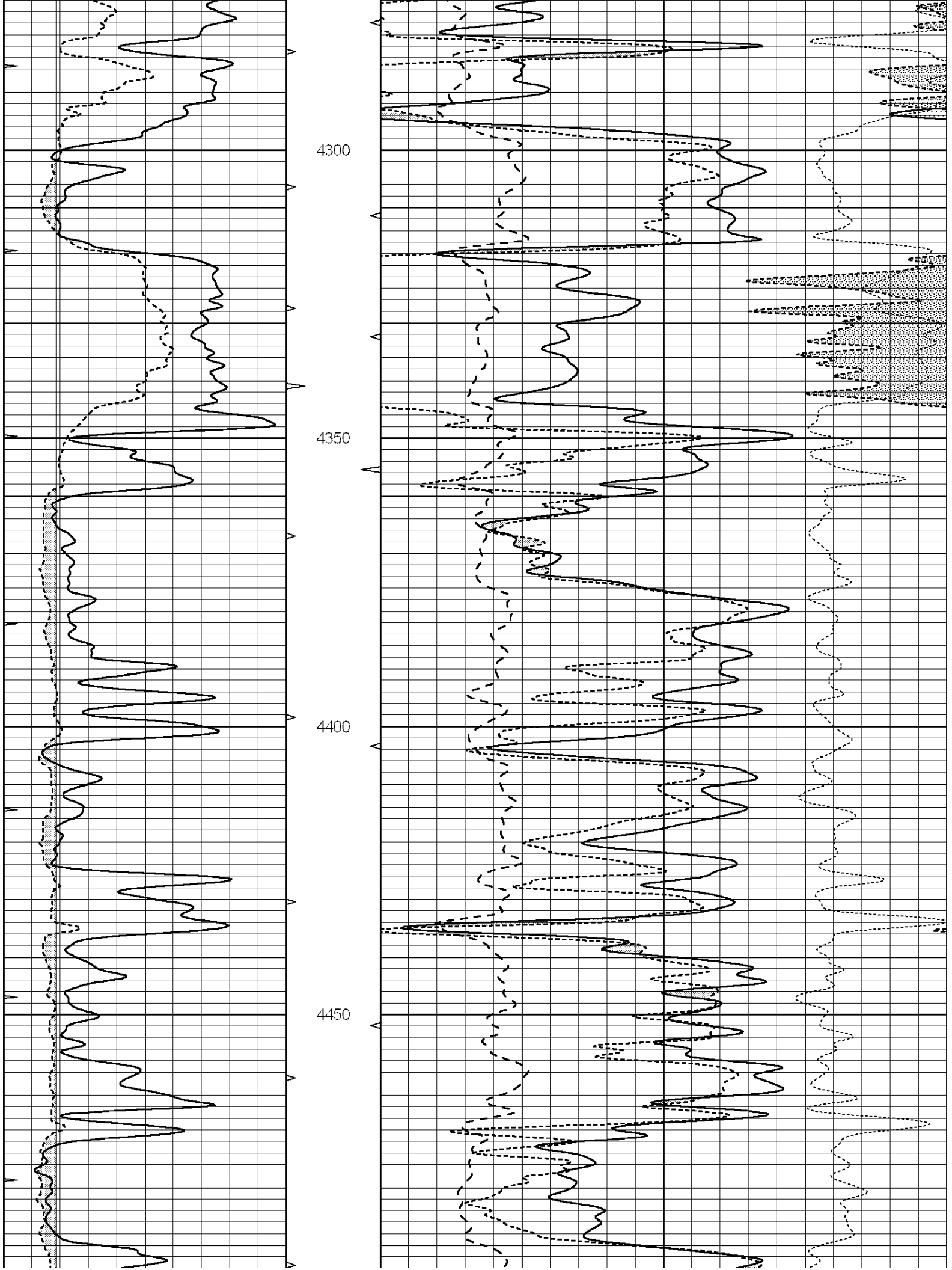
MAIN SECTION

SERVICES CO.

Database File:	011682pe.db
Dataset Pathname:	pass3.8
Presentation Format:	ldt_neu
Dataset Creation:	Sun Oct 06 04:13:45 2013 by Calc SOC 120430
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	PE	10 -0.25 CORRECTION (g/cc)	0.25
			0 (ft3) 10				

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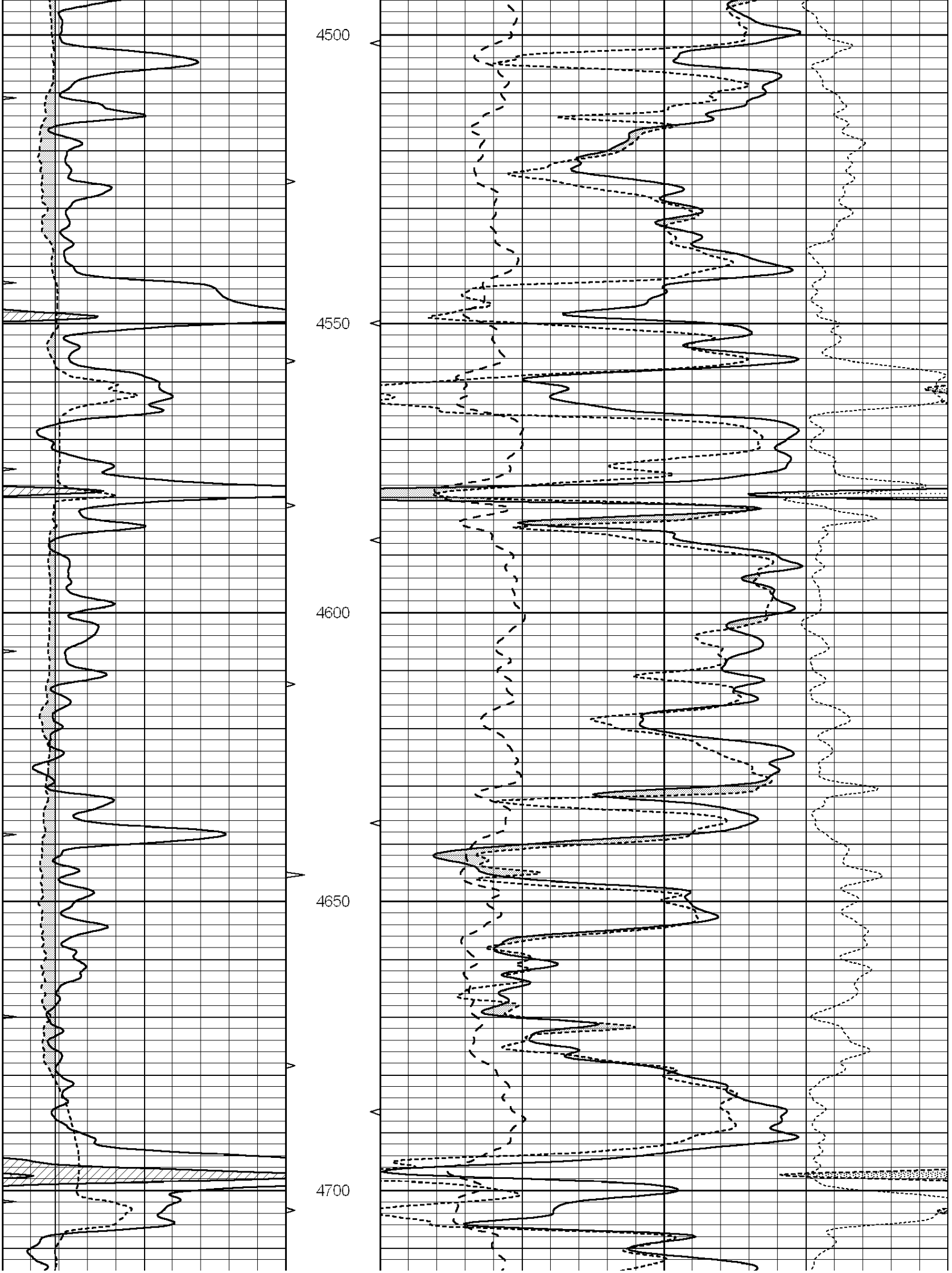
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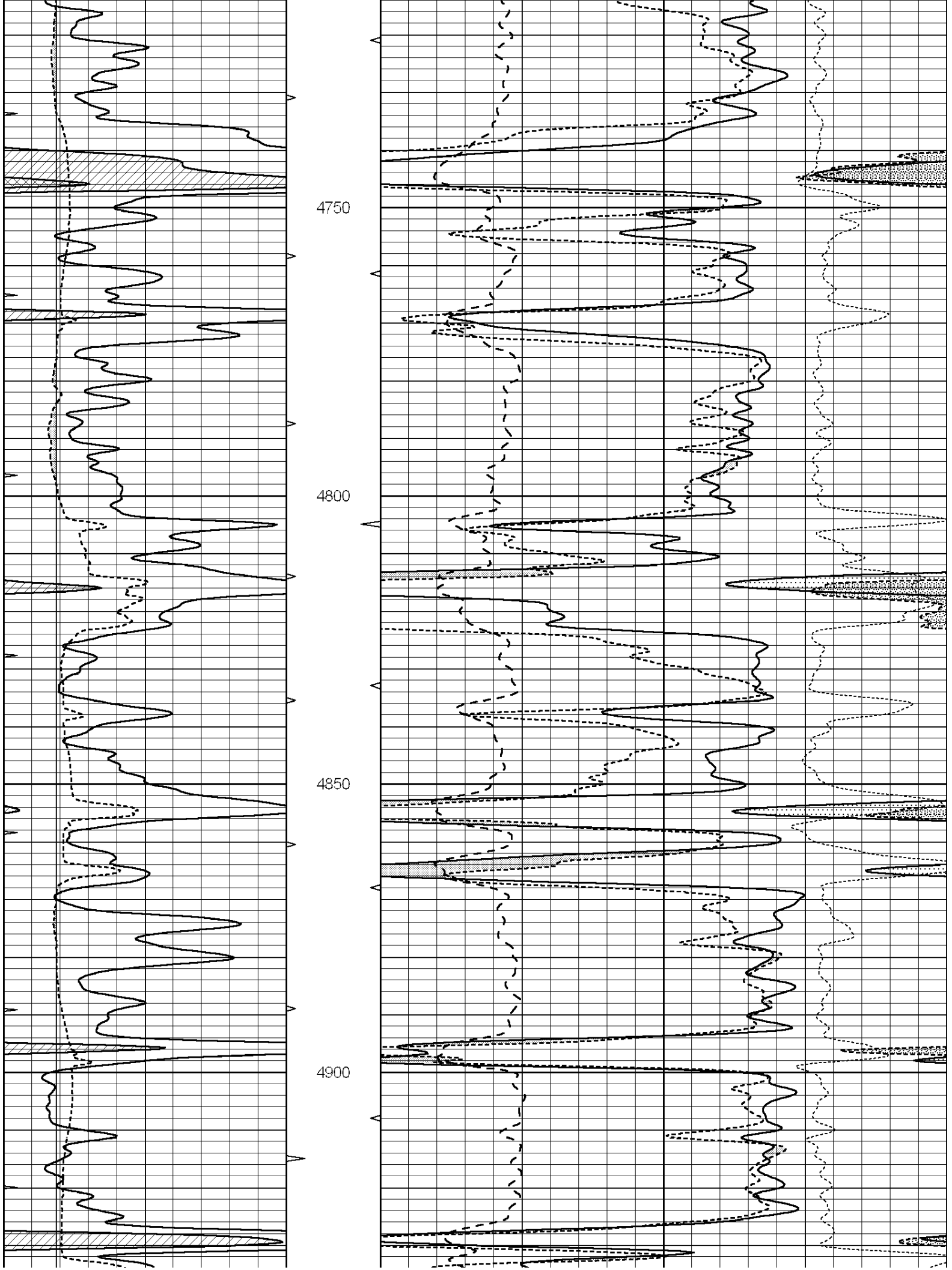
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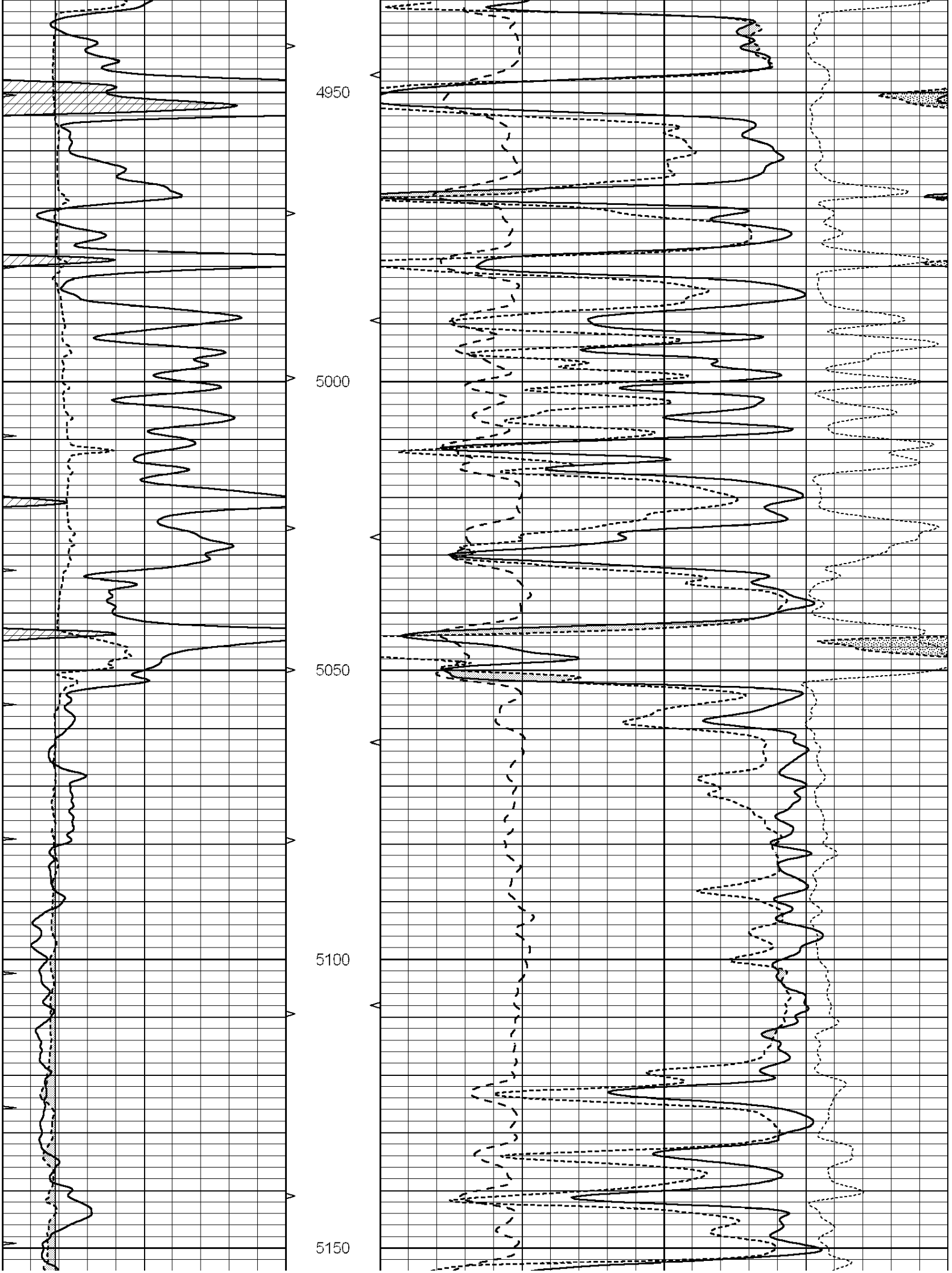
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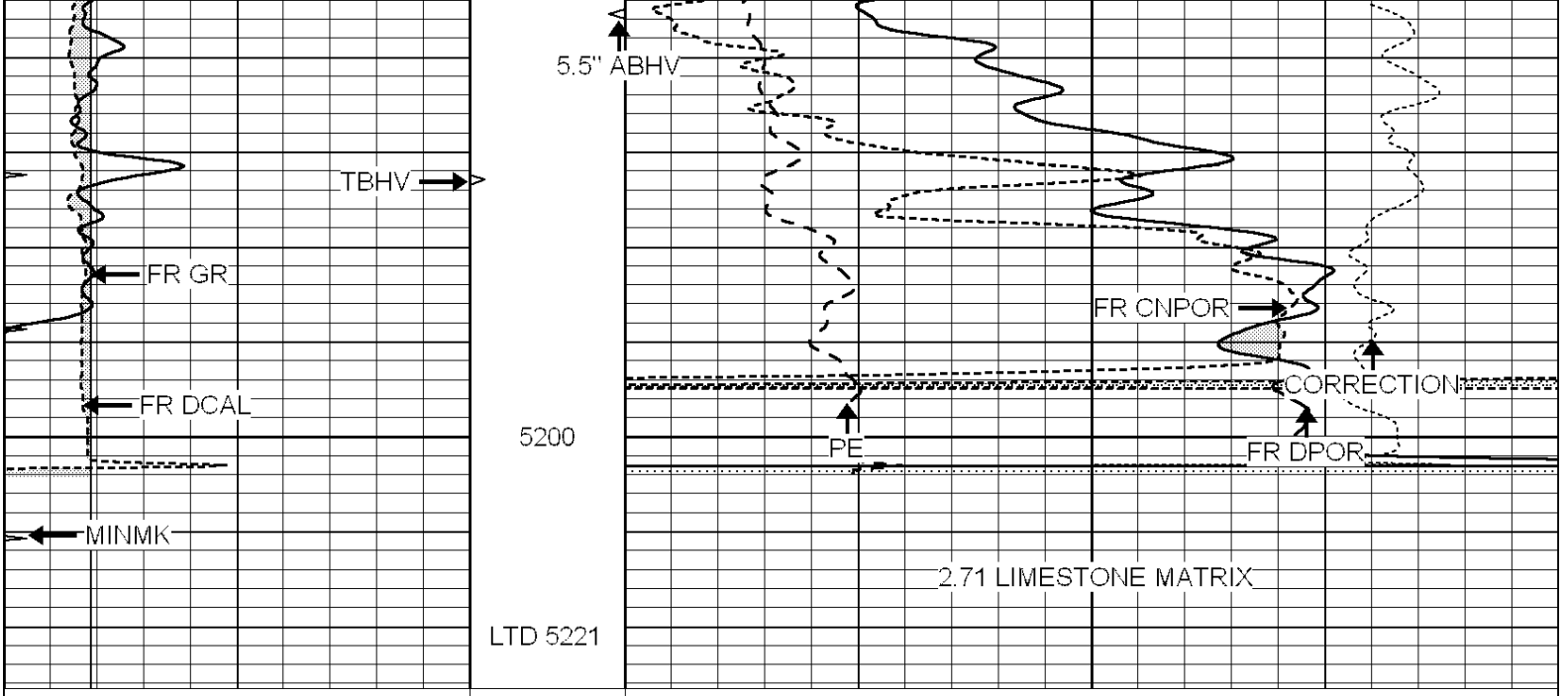


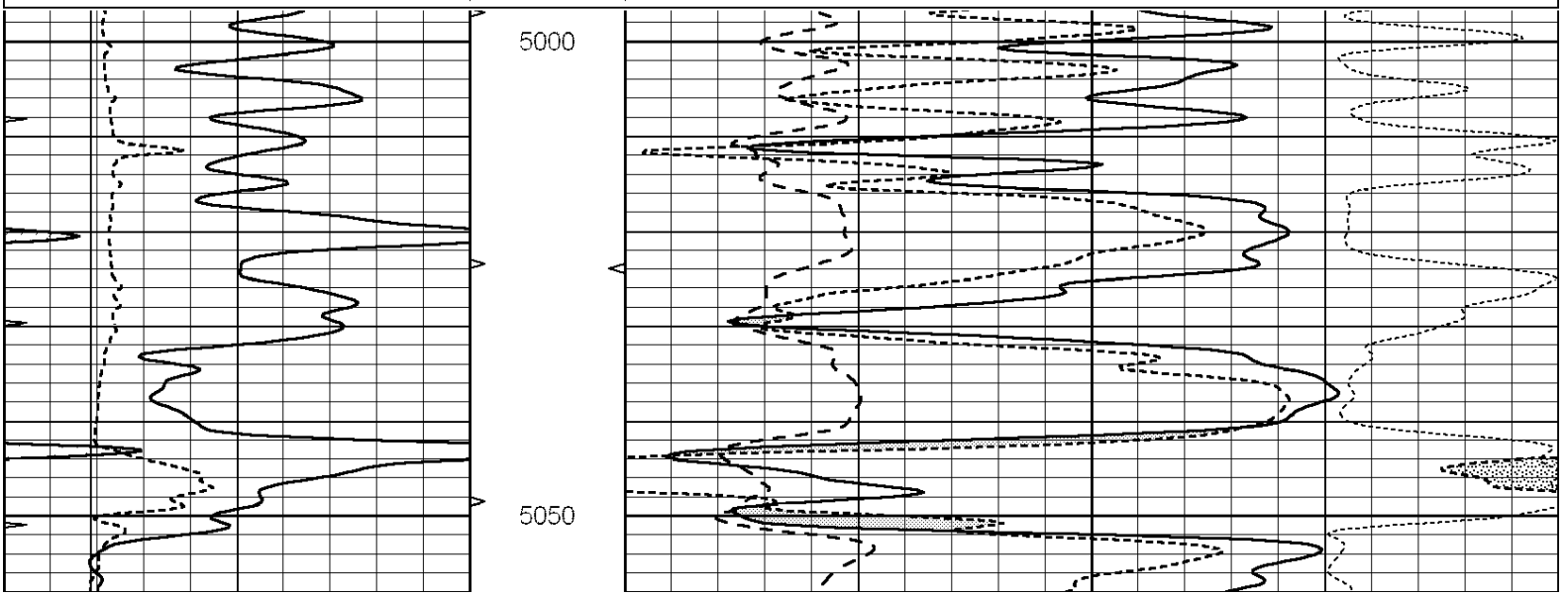
0	GAMMA RAY (GAPI)	150	ABHV	30	COMPENSATED DENSITY (pu)			-10
6	CALIPER (in)	16	10 (ft3) 0	30	COMPENSATED NEUTRON (pu)			-10
0	MINMK	20	TBHV	0	PE	10	-0.25 CORRECTION (g/cc)	0.25
			0 (ft3) 10					

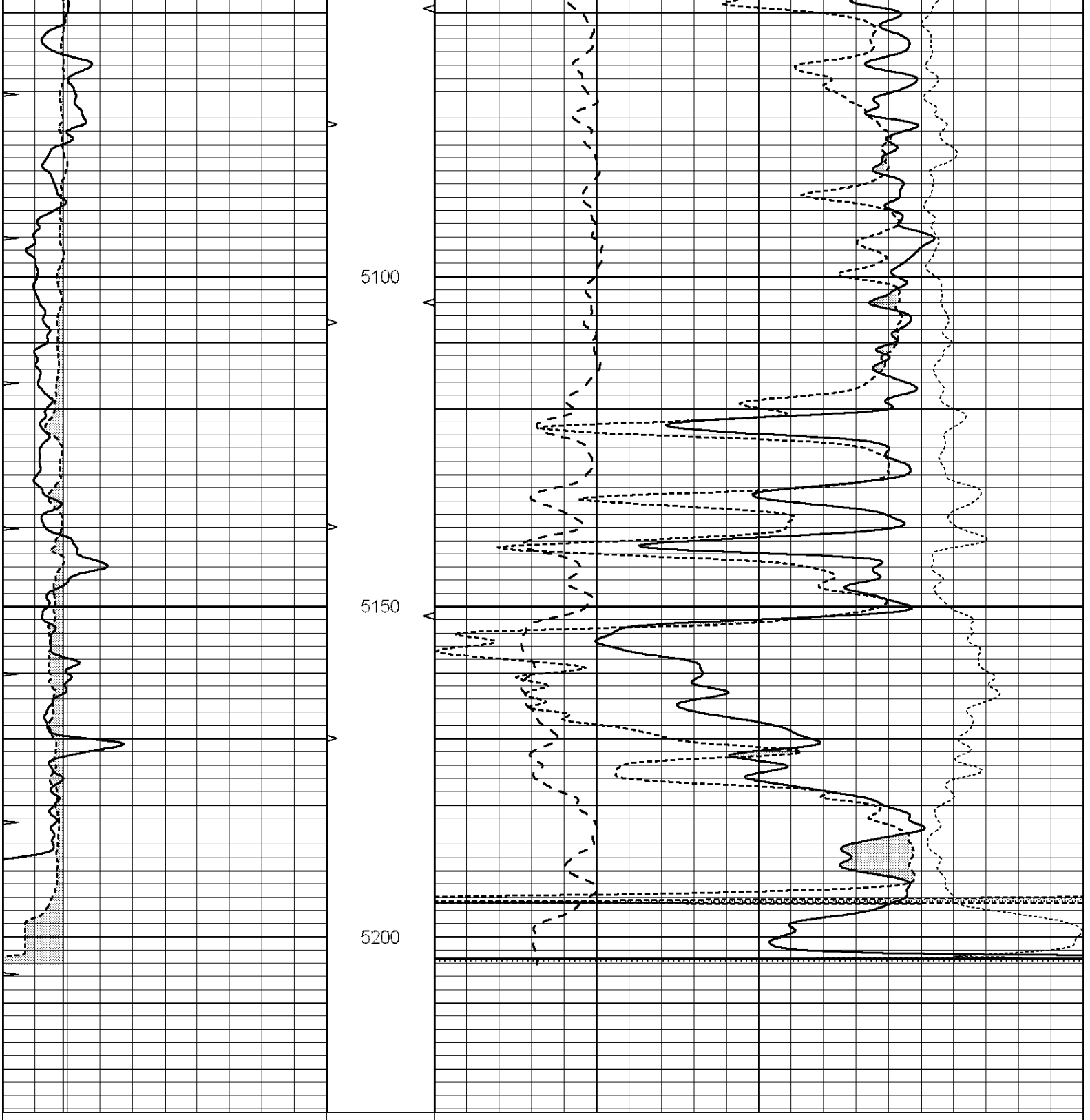
NABORS
COMPLETION & PRODUCTION SERVICES CO.

REPEAT SECTION

Database File: 011682pe.db
Dataset Pathname: pass2.3
Presentation Format: ldt_neu
Dataset Creation: Sun Oct 06 04:21:15 2013 by Calc SOC 120430
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	PE	10	-0.25 CORRECTION (g/cc)	0.25
			0 (ft3) 10					





Calibration Report

Database File: 011682pe.db
Dataset Pathname: pass3.8
Dataset Creation: Sun Oct 06 04:13:45 2013 by Calc SOC 120430

Dual Induction Calibration Report

Serial Model: PROBE9 DILG

Serial-Model:	PROBE3-BIES
Surface Cal Performed:	Sun Oct 06 02:49:50 2013
Downhole Cal Performed:	Mon Jul 28 12:02:56 2008
After Survey Verification Performed:	Mon Jul 28 12:02:56 2008

Surface Calibration

	Readings			References			Results	
Loop:	Air	Loop		Air	Loop		m	b
Deep	-0.014	0.629	V	0.000	400.000	mmho/m	650.000	-9.000
Medium	0.039	0.728	V	0.000	464.000	mmho/m	640.000	-14.000
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.011	0.610	V	0.000	400.000	mmho/m	667.135	-7.256
Medium	0.005	0.712	V	0.000	464.000	mmho/m	655.677	-3.102

Downhole Calibration

	Readings			References			Results	
	Zero	Cal		Zero	Cal		m'	b'
Deep	0.000	0.000	mmho/m	14.508	388.384	mmho/m	1.000	0.000
Medium	0.000	0.000	mmho/m	166.367	504.400	mmho/m	1.000	0.000
LL3		7.500	V		1400.000	Ohm-m		
		0.000	V		20.000	Ohm-m		
		-7.200	V		4000.000	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: 006 Model: PRB

Master Calibration — Performed Thu Sep 26 15:53:45 2013

	Background	Magnesium	Aluminum	Sandstone	
Window 1	1565.4	12562.4	3739.8	12212.1	cps
Window 2	1413.2	8067.0	2864.0	8623.7	cps
Window 3	1076.5	3958.2	1664.4	4154.1	cps
Window 4	186.1	185.7	176.4	168.9	cps
Long Space	0.0	6653.9	1450.8	7210.6	cps
Short Space	2.5	2515.7	1653.9	2694.6	cps
Rho		1.7100	2.5900	1.3800	g/cc
Pe		0.0000	2.5700	1.5500	

Rib Angle	: 44.6	Rib Slope	: 0.986	Density/Spine Ratio	: 0.557
Spine Angle	: 74.6	Spine Slope	: 3.631	Spine Intercept	: -19.6

Before Survey Verification — Performed Wed Dec 31 18:00:00 1969

Window 1	0.0	0.0	0.0	0.0	cps
Window 2	0.0	0.0	0.0	0.0	cps
Window 3	0.0	0.0	0.0	0.0	cps
Window 4	0.0	0.0	0.0	0.0	cps
Long Space	0.0	0.0	0.0	0.0	cps
Short Space	0.0	0.0	0.0	0.0	cps

Measured Rho	0.0000	0.0000	0.0000	g/cc
Measured Correction	0.0000	0.0000	0.0000	g/cc
Measured Pe		0.0000	0.0000	

After Survey Verification — Performed Wed Dec 31 18:00:00 1969

Window 1	0.0	0.0	0.0	0.0	cps
Window 2	0.0	0.0	0.0	0.0	cps
Window 3	0.0	0.0	0.0	0.0	cps
Window 4	0.0	0.0	0.0	0.0	cps
Long Space	0.0	0.0	0.0	0.0	cps
Short Space	0.0	0.0	0.0	0.0	cps
Measured Rho		0.0000	0.0000	0.0000	g/cc
Measured Correction		0.0000	0.0000	0.0000	g/cc
Measured Pe			0.0000	0.0000	

Compensated Neutron Calibration Report

Serial Number: 070808
Tool Model: Probe

PRE-SURVEY VERIFICATION

Detector	Readings	Measured	Target
Short Space	cps		
Long Space	cps	pu	pu

POST-SURVEY VERIFICATION

Detector	Readings	Measured	Target
Short Space	cps		
Long Space	cps	pu	pu

Gamma Ray Calibration Report

Serial Number: 070559
Tool Model: OPEN_GR
Performed: Thu Oct 03 09:02:10 2013

Calibrator Value: 1.0 GAPI

Background Reading: 0.0 cps
Calibrator Reading: 1.0 cps

Sensitivity: 0.3500 GAPI/cps