

COMPENSATED
DENSITY / NEUTRON
PE LOG

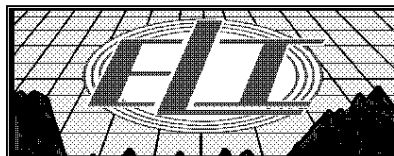
Company	VINCENT OIL CORPORATION		
Well	KEOUGH #6-34		
Field	MULLBERRY CREEK		
County	FORD		
State	KANSAS		
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Well	KEOUGH #6-34		
Field	MULLBERRY CREEK		
County	FORD		
State	KANSAS		
Location:	APL # : 15-057-20981-0000 2140' FSL & 1458' FVL SW - NW - NE - SW		
Permanent Datum	GROUND LEVEL	Elevation	2531
Log Measured From	KELLY BUSHING 13' A.G.L.		
Drilling Measured From	KELLY BUSHING		
SEC 34	TWP 28S	RGE 23W	
Date	7/7/17		
Run Number	ONE		
Depth Driller	5370		
Depth Logger	5368		
Bottom Logged Interval	5344		
Top Log Interval	4200		
Casing Driller	8 5/8"@648'		
Casing Logger	648		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 11,500 PPM	
Density / Viscosity	9.1/89		
pH / Fluid Loss	9.9/13.2		
Source of Sample	FLOWLINE		
Rim @ Meas. Temp	.950@90F		
Rmf @ Meas. Temp	.713@90F		
Rmc @ Meas. Temp	1.14@90F		
Source of Rmf / Rmc	MEASUREMENT		
Rim @ BHT	.668@128F		
Time Circulation Stopped	3 HOURS		
Time Logger on Bottom	8:00 P.M.		
Maximum Recorded Temperature	128F		
Equipment Number	922339		
Location	HAYS, KANSAS		
Recorded By	JEFF LUEBBERS		
Witnessed By	TOM DUDGEON		

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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 ELI WIRELINE HAYS, KANSAS (785) 628-6395
DIRECTIONS
KINGSDOWN, KS. & HWY 54, 2N. ON "RD. 125" TO "WILBURN RD.", 4W., N. INTO ACROSS FROM HOUSE

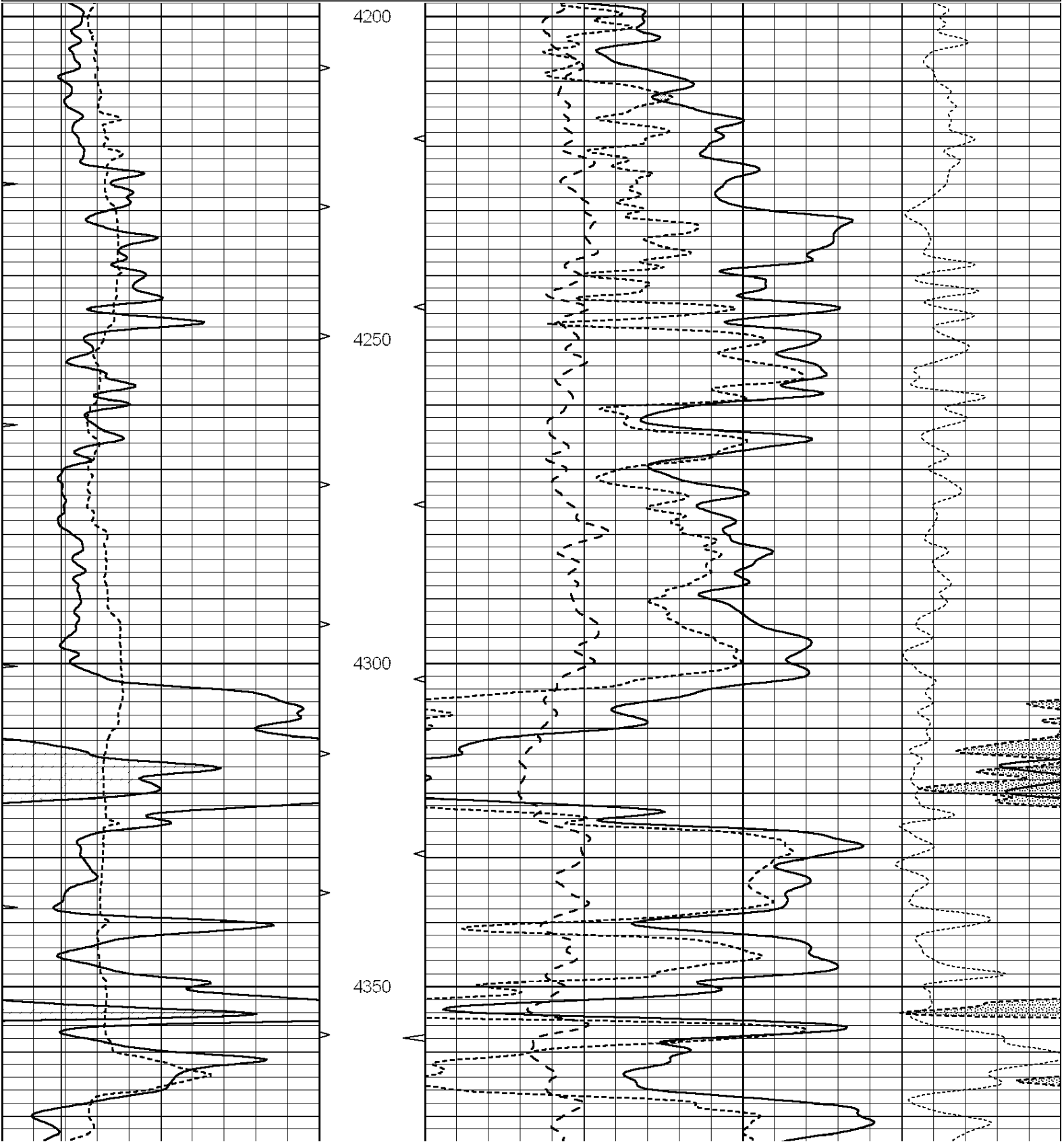


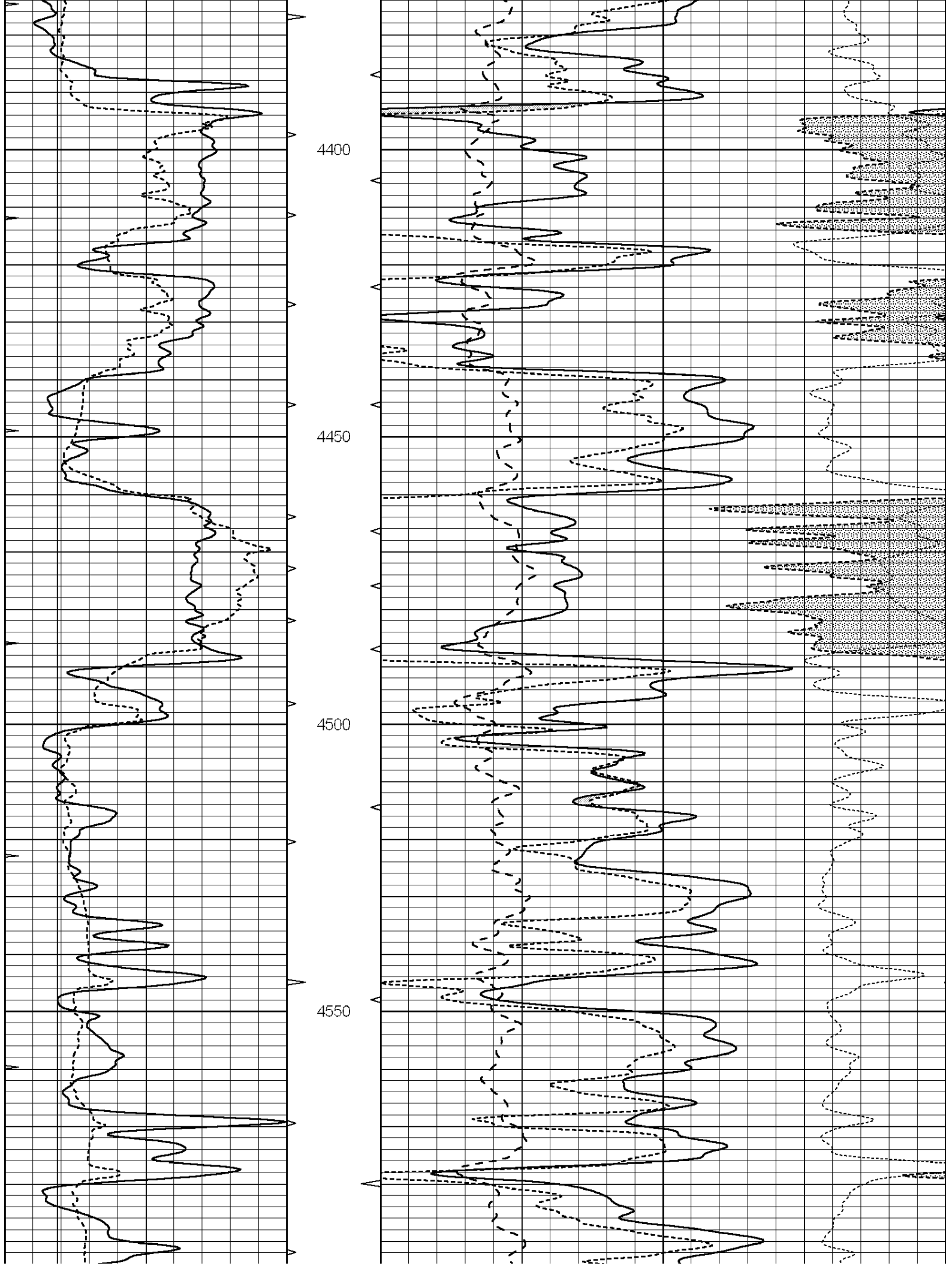
MAIN SECTION

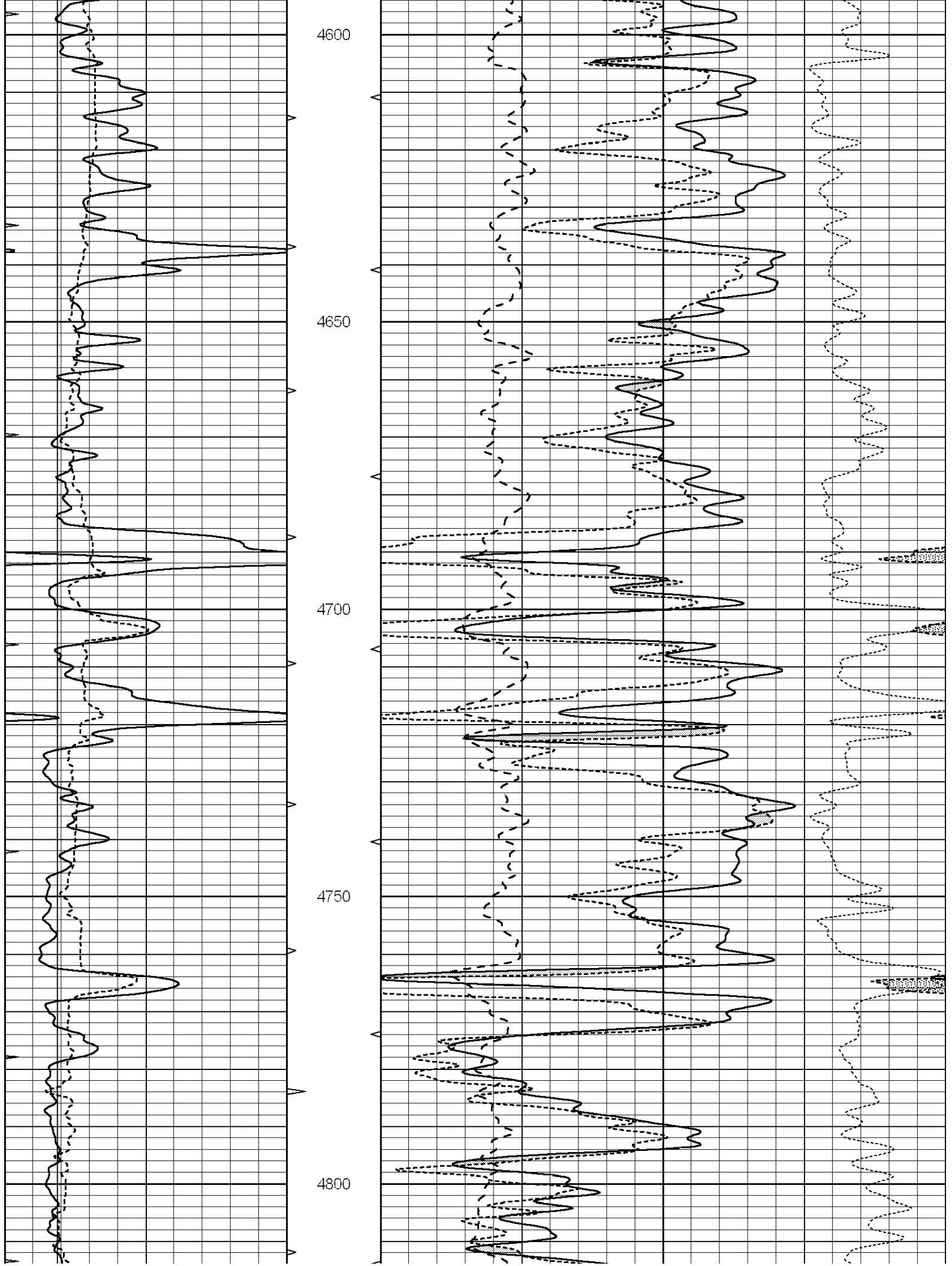
Database File: 1584pe.db
Dataset Pathname: pass3.11
Presentation Format: ldt_neu
Dataset Creation: Fri Jul 07 21:45:53 2017
Charted by: Depth in Feet scaled 1:240

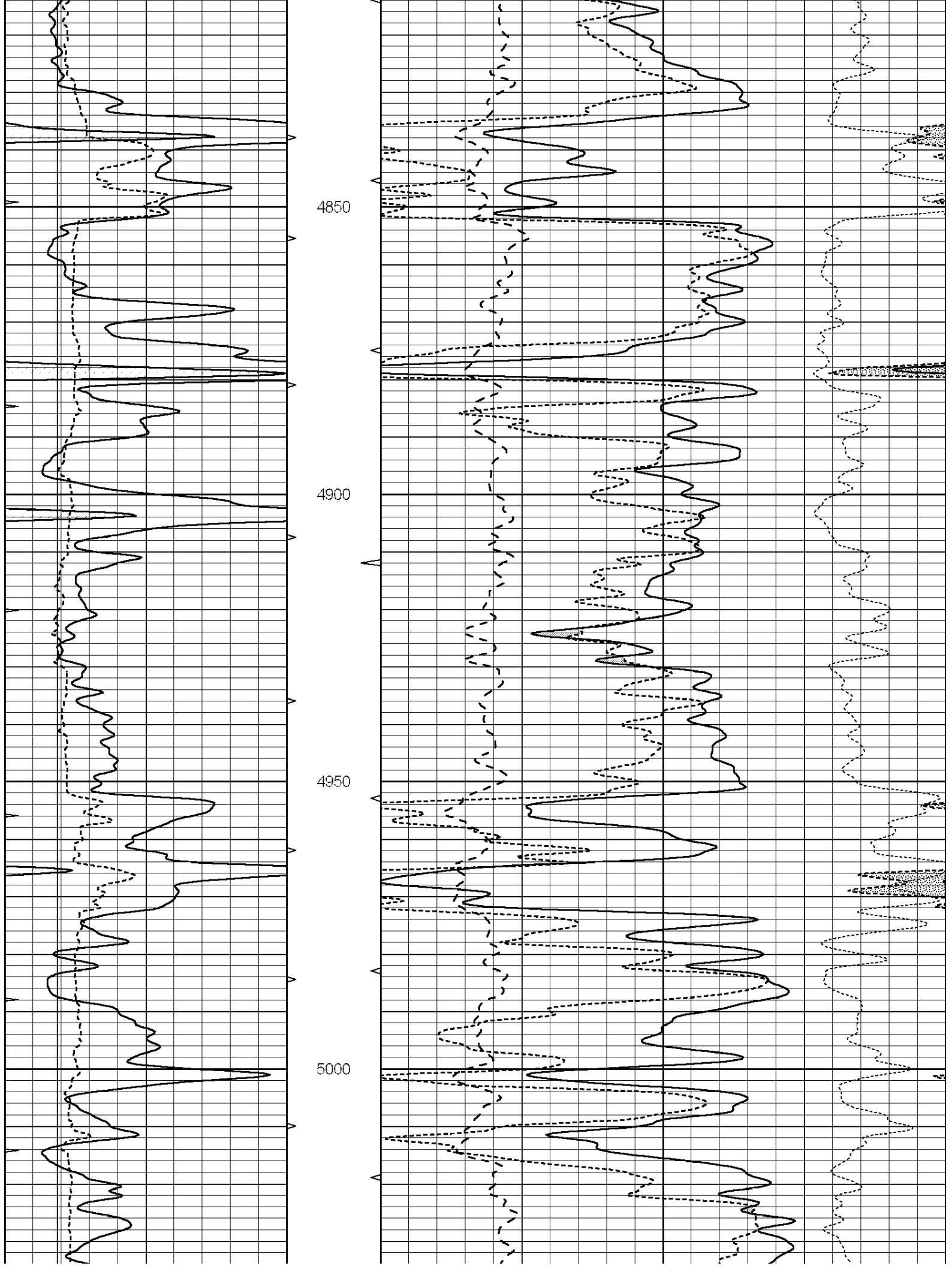
0	GAMMA RAY (GAPI)	150	ABHV	30	COMPENSATED DENSITY (pu)				-10	
6	CALIPER (in)	16	10 (ft3)	0	30	COMPENSATED NEUTRON (pu)				-10

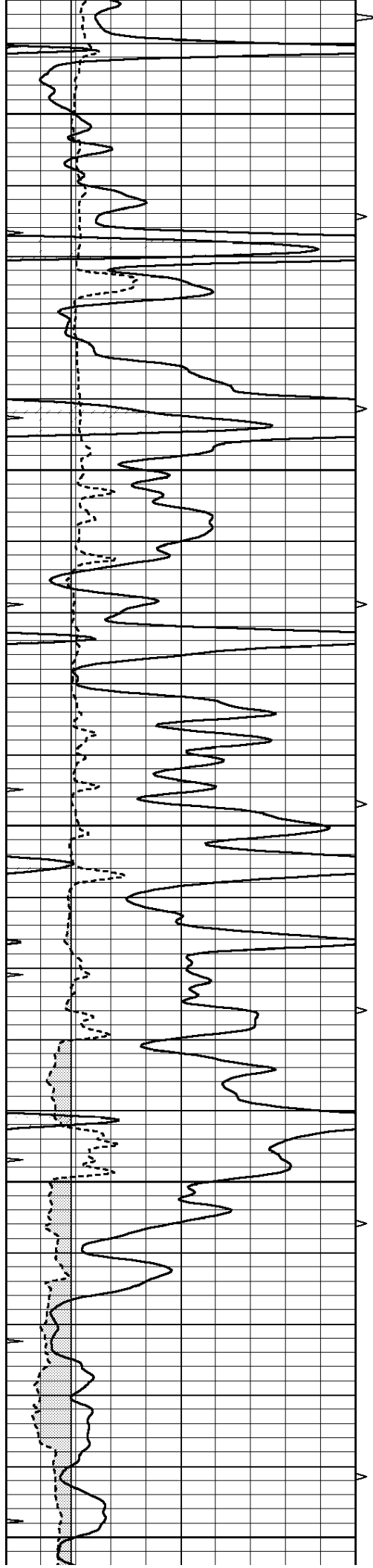
0	MINMK	20	TBHV	0	PE	10	-0.25	CORRECTION (g/cc)	0.25	
			0 (ft3)	10	-----					











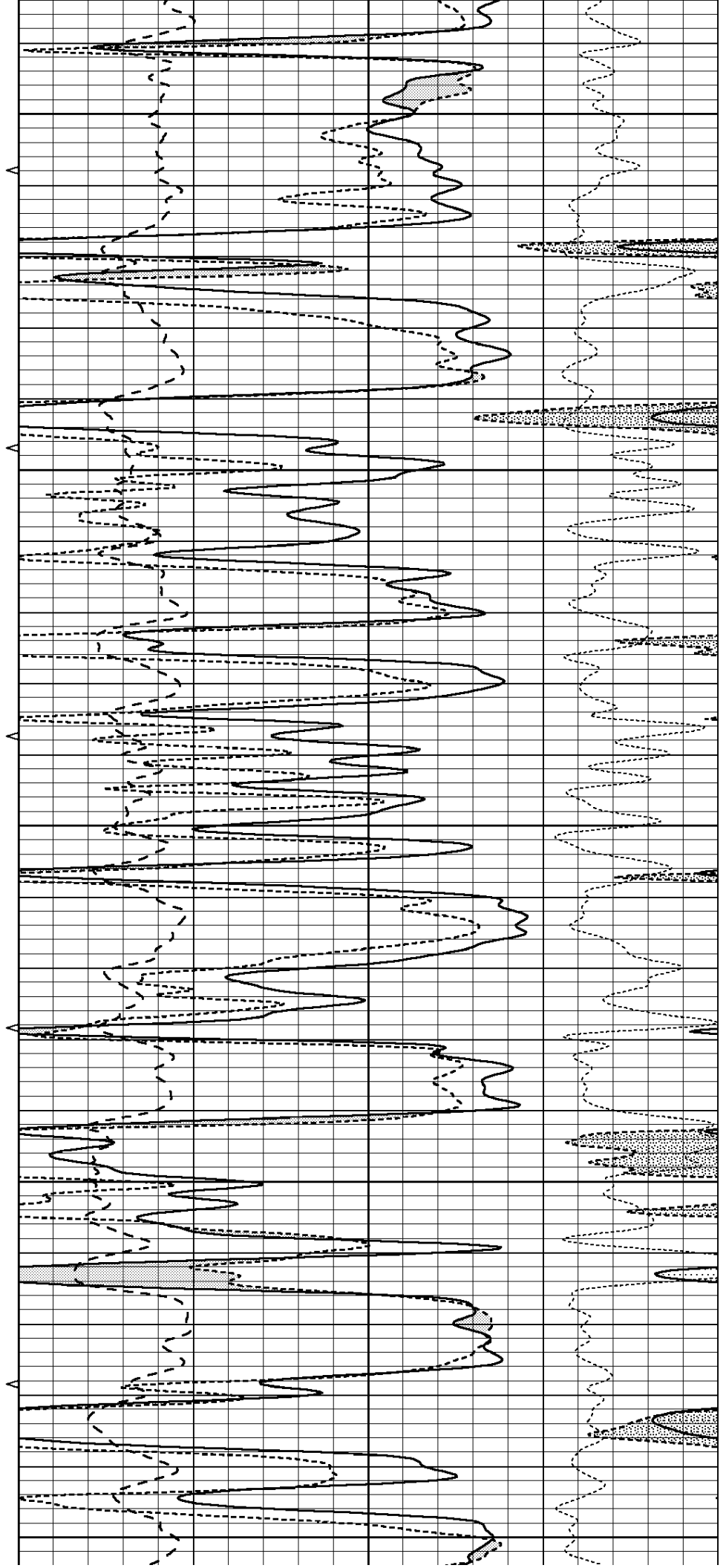
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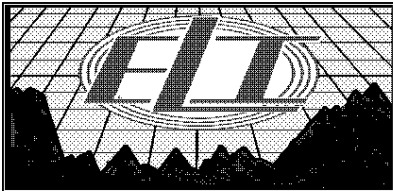
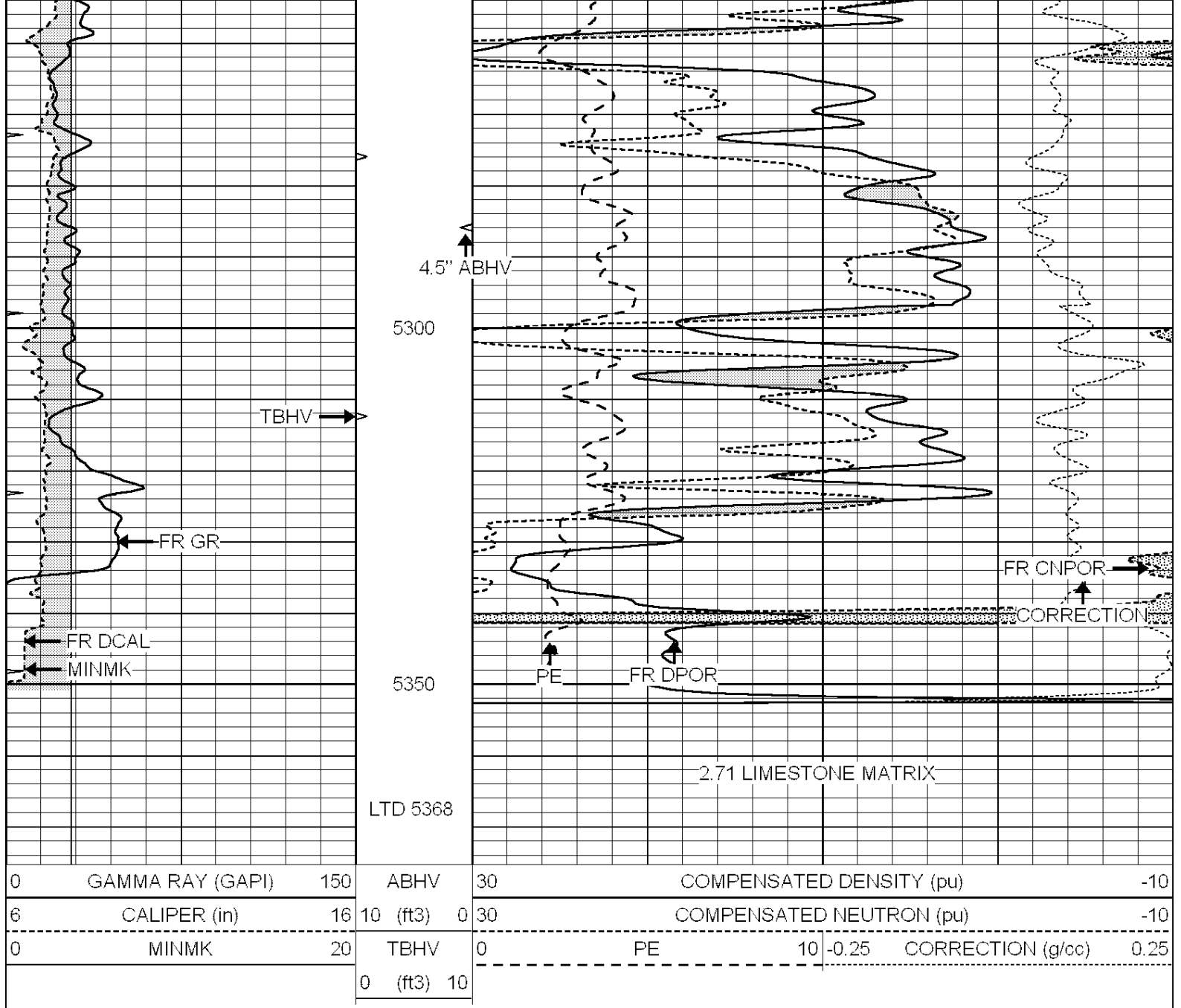
5100

5150

5200

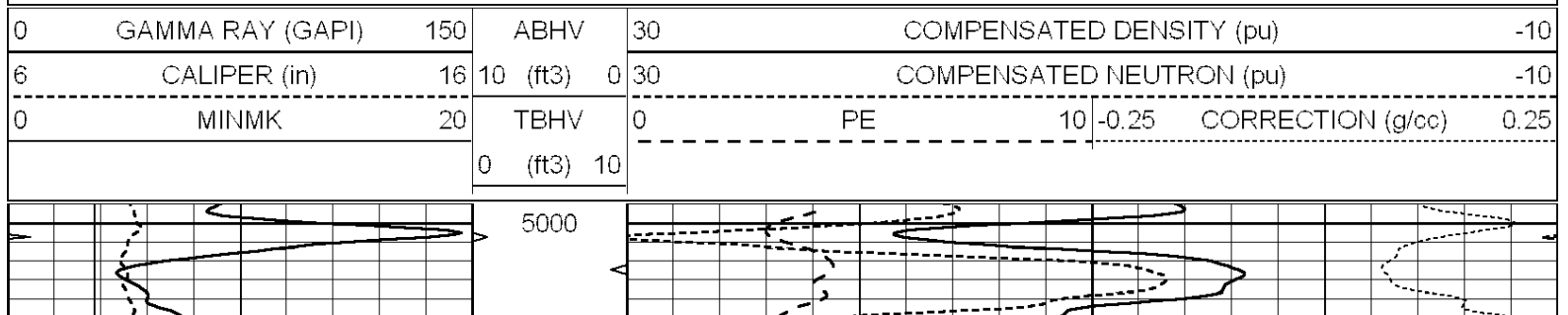
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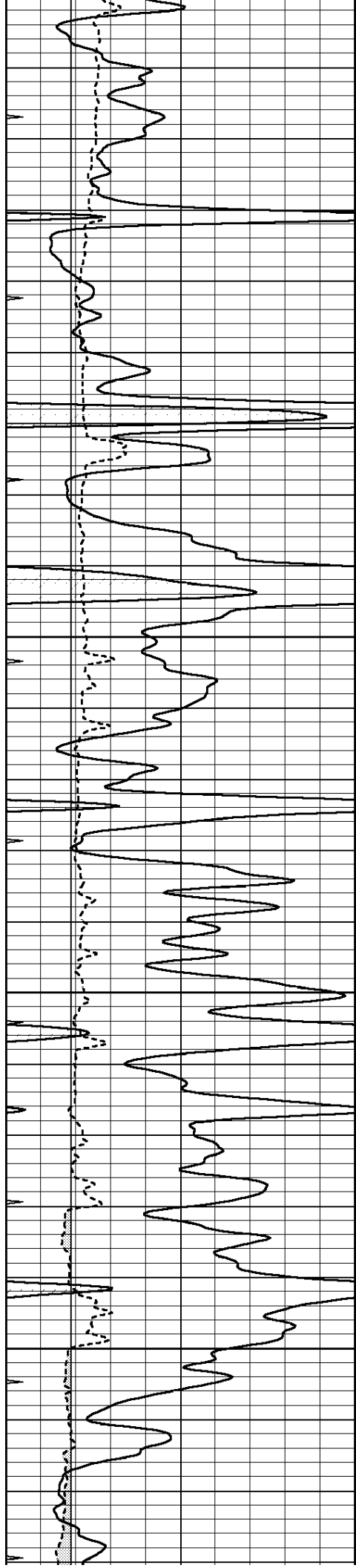




REPEAT SECTION

Database File: 1584pe.db
 Dataset Pathname: pass2.7
 Presentation Format: ldt_neu
 Dataset Creation: Fri Jul 07 20:48:24 2017
 Charted by: Depth in Feet scaled 1:240



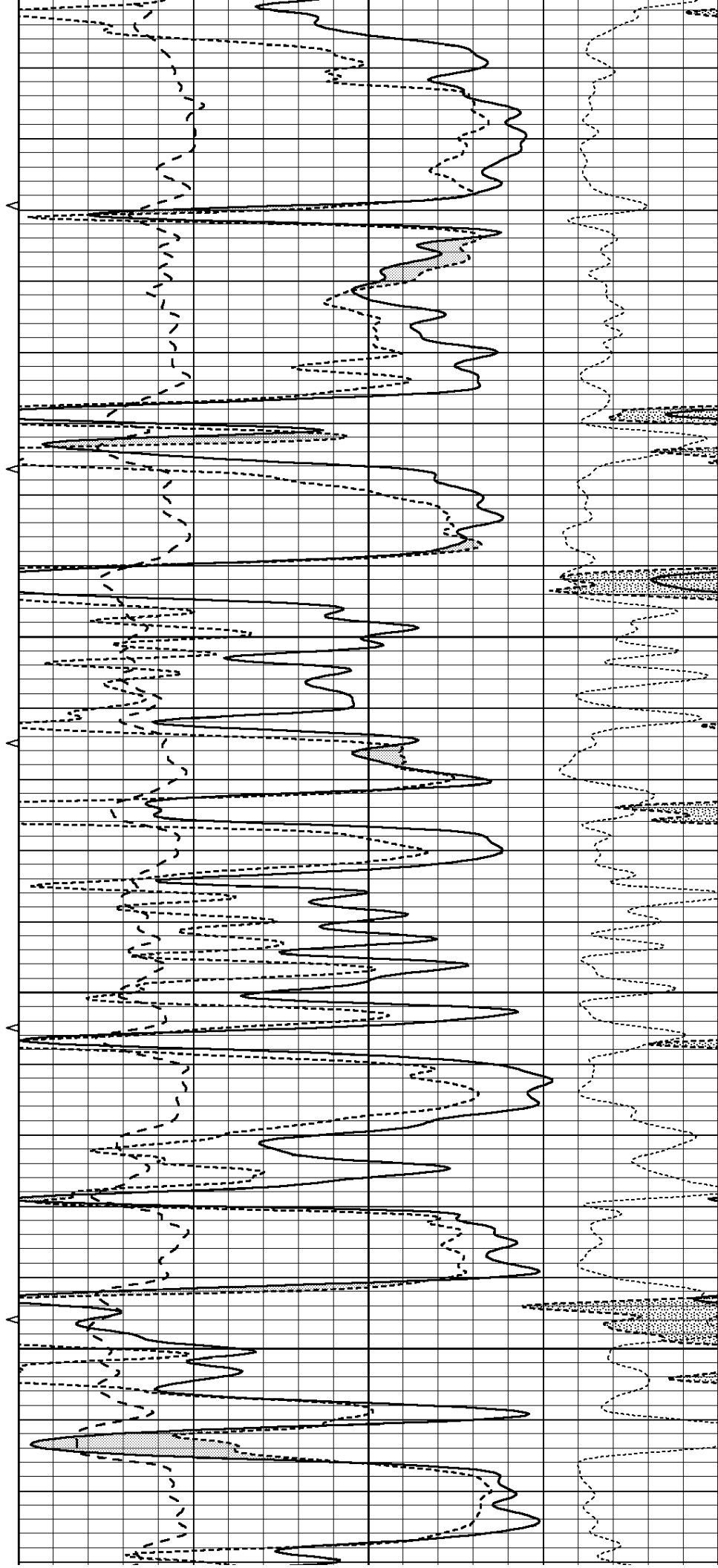


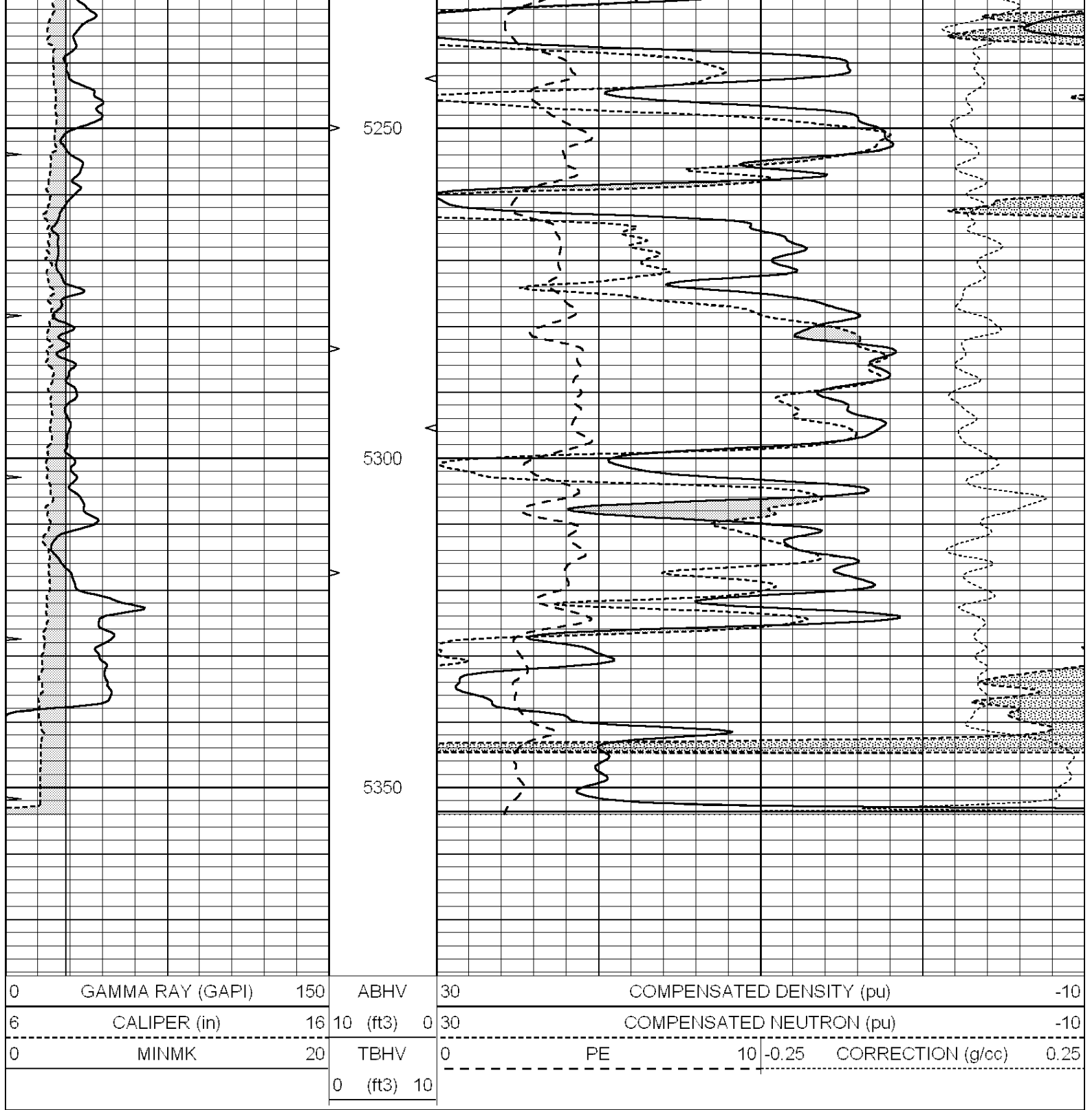
5050

5100

5150

5200





Calibration Report

Database File: 1584pe.db
Dataset Pathname: pass3.11
Dataset Creation: Fri Jul 07 21:45:53 2017

Dual Induction Calibration Report

Serial-Model: PROBE7-DILG
Surface Cal Performed: Thu Jun 15 16:43:57 2017
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	-6.000
Medium	0.039	0.728	V	0.000	464.000	mmho/m	675.000	-57.000
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: 004N Model: PRB								

Master Calibration				Performed Fri May 30 11:01:00 2014				
	Background	Magnesium		Aluminum		Sandstone		
Window 1	1378.8	10804.6		3492.0		12453.4		cps
Window 2	1262.4	9313.5		3076.7		10594.7		cps
Window 3	1077.6	5668.7		2076.0		6314.8		cps
Window 4	306.4	313.0		306.4		315.6		cps
Long Space	0.0	8051.0		1814.3		9332.3		cps
Short Space	1.9	1706.1		1146.0		1707.6		cps
Rho		1.7100		2.5900		1.3800		g/cc
Pe		0.0000		2.5700		1.5500		
Rib Angle	: 45.0	Rib Slope	: 1.002	Density/Spine Ratio			: 0.571	
Spine Angle	: 75.0	Spine Slope	: 3.745	Spine Intercept			: -18.9	

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				
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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:	070558	
Tool Model:	OPEN_GR	
Performed:	Wed May 31 00:09:32 2017	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	0.2800	GAPI/cps