



NABORS

**COMPLETION
& PRODUCTION
SERVICES CO.**

**COMPENSATED
DENSITY / NEUTRON
PE LOG**

Company		VINCENT OIL CORP.	
Well		SANDYLAND #2-27	
Field		FORD	
County		KANSAS	
State		KANSAS	
Company		VINCENT OIL CORPORATION	
Well		SANDYLAND #2-27	
Field		FORD	
County		KANSAS	
State		KANSAS	
Location:		API # : 15-057-20941-0000	
SEC 27 TWP 28S RGE 23W		395' FSL & 90' FWL	
Permanent Datum		GROUND LEVEL	
Log Measured From		KELLY BUSHING 10' A.G.L.	
Drilling Measured From		KELLY BUSHING	
Elevation		2507	
Other Services		DIL MEL/SON	
Date		9/29/14	
Run Number		ONE	
Depth Driller		5360	
Depth Logger		5360	
Bottom Logged Interval		5336	
Top Log Interval		4150	
Casing Driller		8 5/8" @ 648'	
Casing Logger		646'	
Bit Size		7 7/8"	
Type Fluid in Hole		CHEMICAL MUD	
Density / Viscosity		9.1/70	
pH / Fluid Loss		10.0/10.8	
Source of Sample		FLOWLINE	
Rim @ Meas. Temp		0.40 @ 80F	
Rinf @ Meas. Temp		0.30 @ 80F	
Rinc @ Meas. Temp		0.48 @ 80F	
Source of Rinf / Rinc		MEASUREMENT	
Rim @ BHT		0.25 @ 128F	
Time Circulation Stopped		2 HOURS	
Time Logger on Bottom		128F	
Maximum Recorded Temperature		4854	
Equipment Number		HAYS, KANSAS	
Location		JEFF GRONEMEG	
Recorded By		KENLEBLANC	
Witnessed By			

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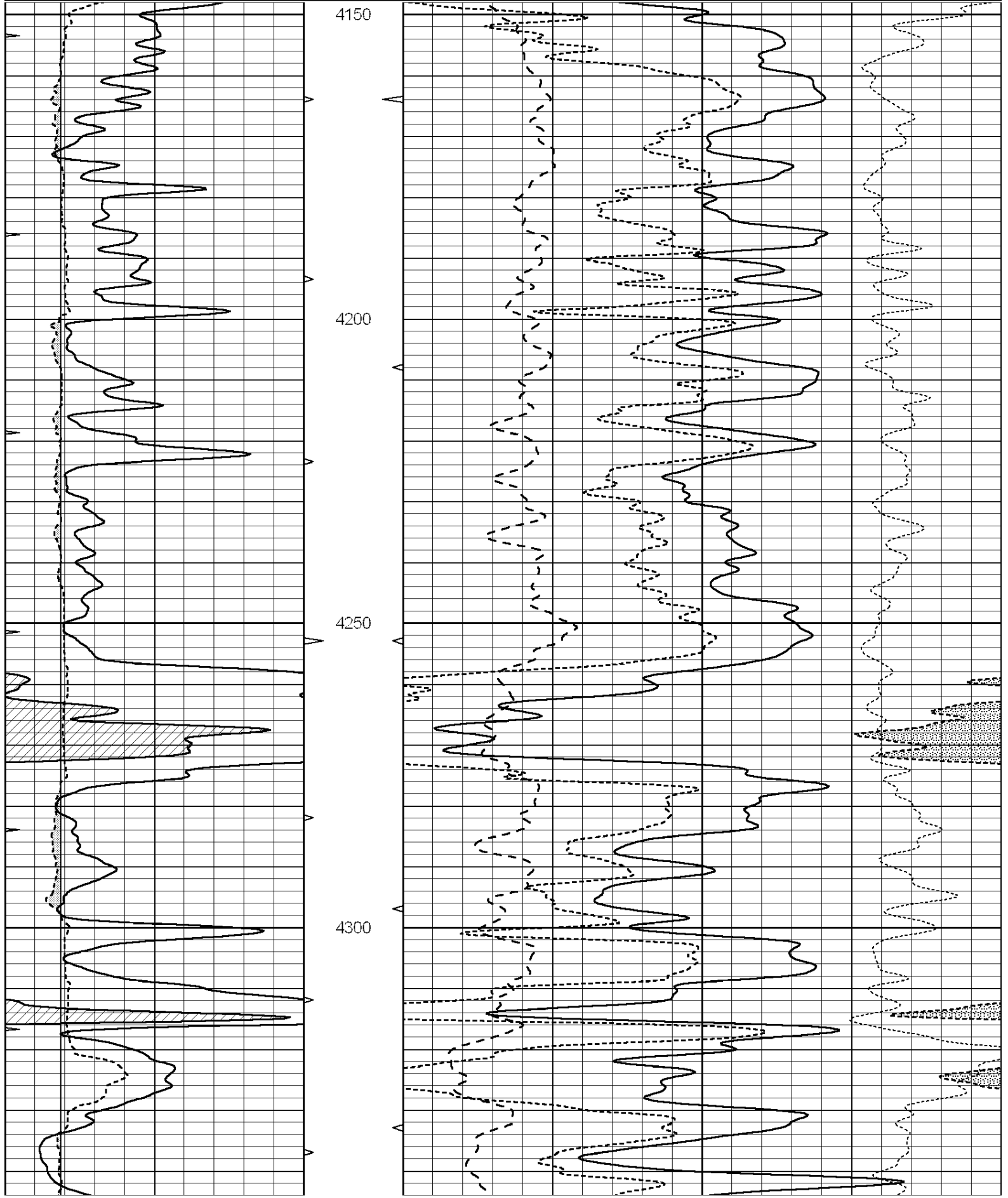
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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.

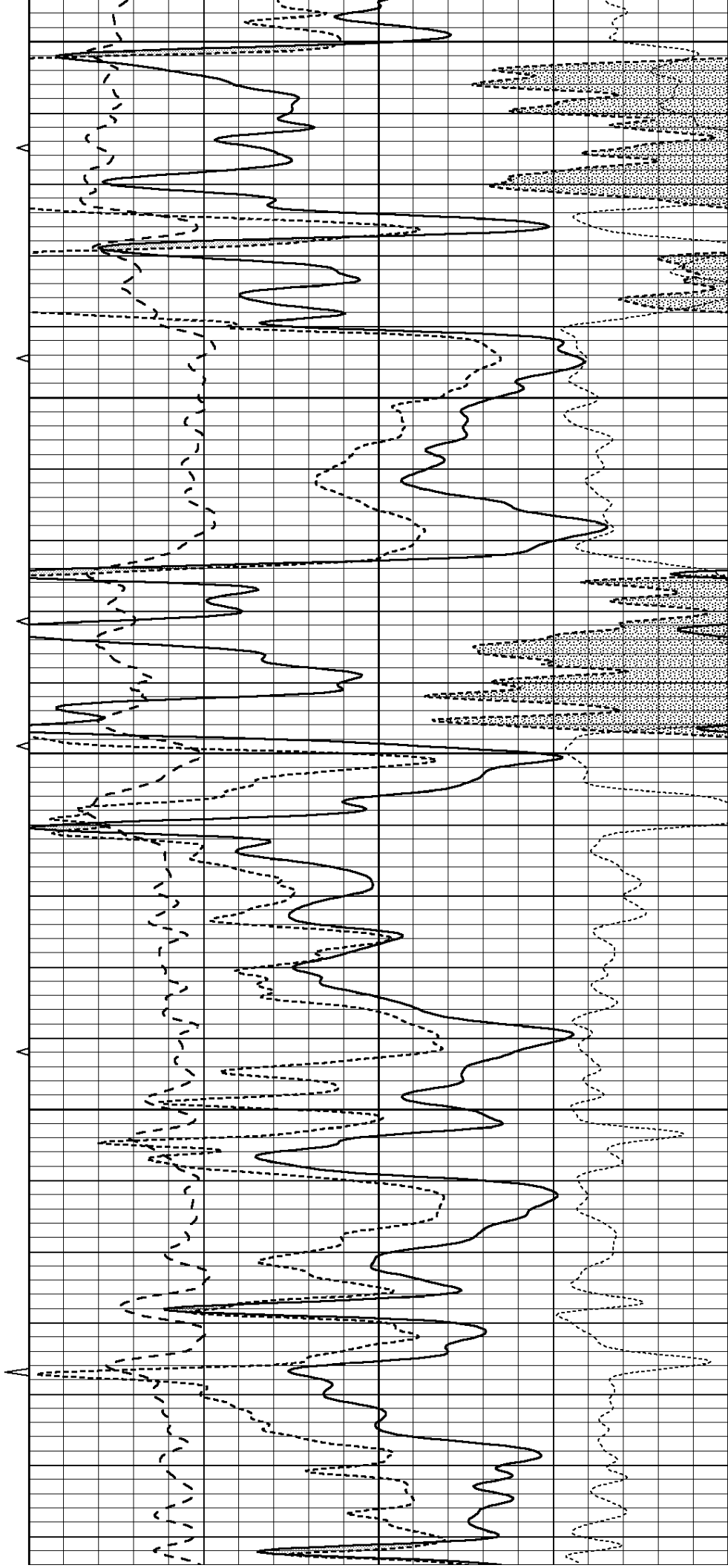
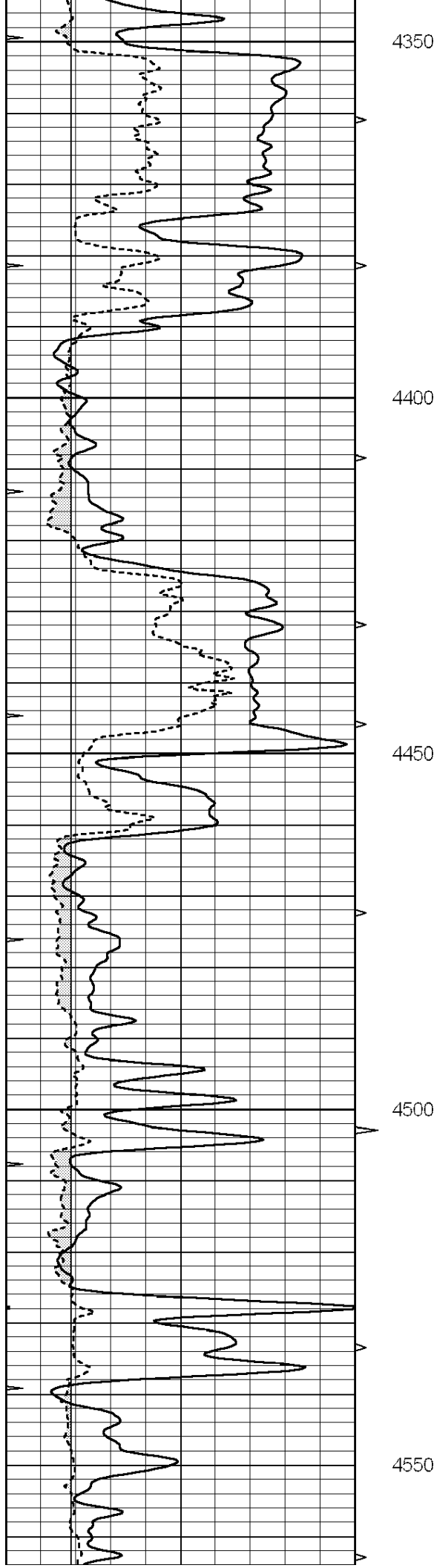
Comments

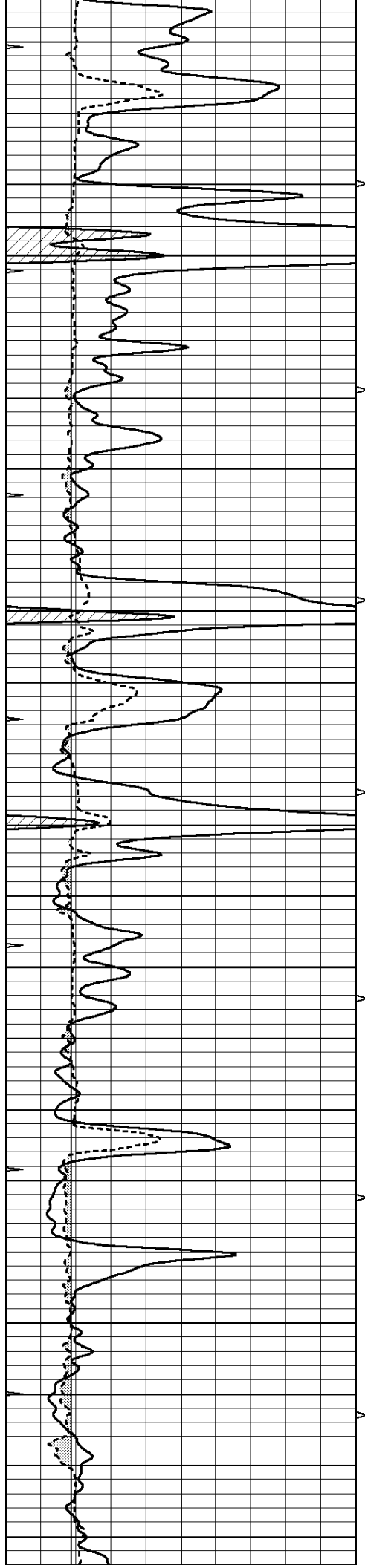
THANK YOU FOR USING "NABORS" HAYS, KANSAS (785) 628-6395
DIRECTIONS
FORD, KS - SOUTH ON BLACKTOP TO WILBURN RD - 4 MILES WEST TO RD 121
NORTH 1 MILE - EAST INTO

Database File: 25887pe.db
Dataset Pathname: pass3.2
Presentation Format: _ldt_neu
Dataset Creation: Mon Sep 29 02:47:37 2014 by Calc SOC 120430
Charted by: Depth in Feet scaled 1:240

Charted by:		Depth in Feet scaled 1/2 ft							
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	-----					





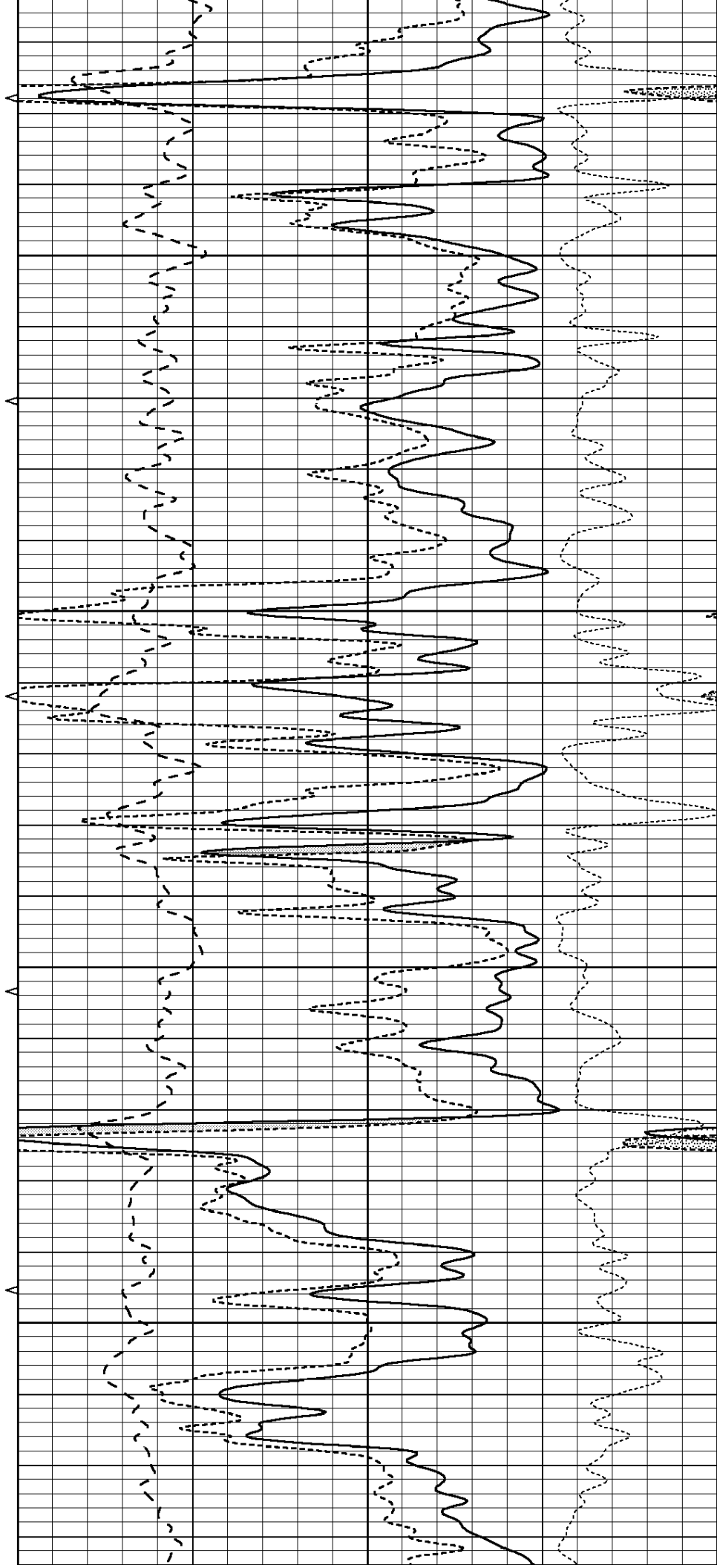


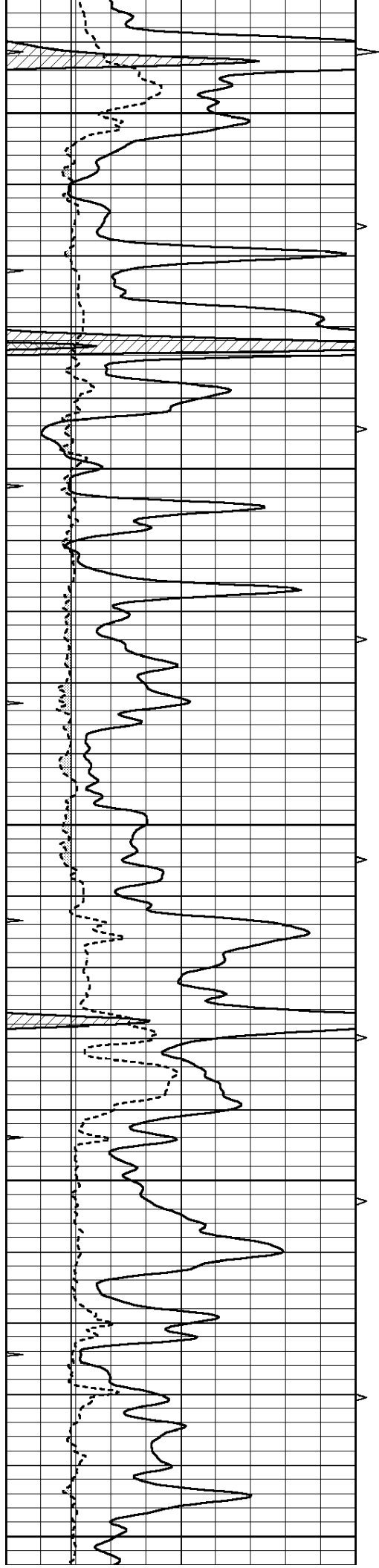
4600

4650

4700

4750





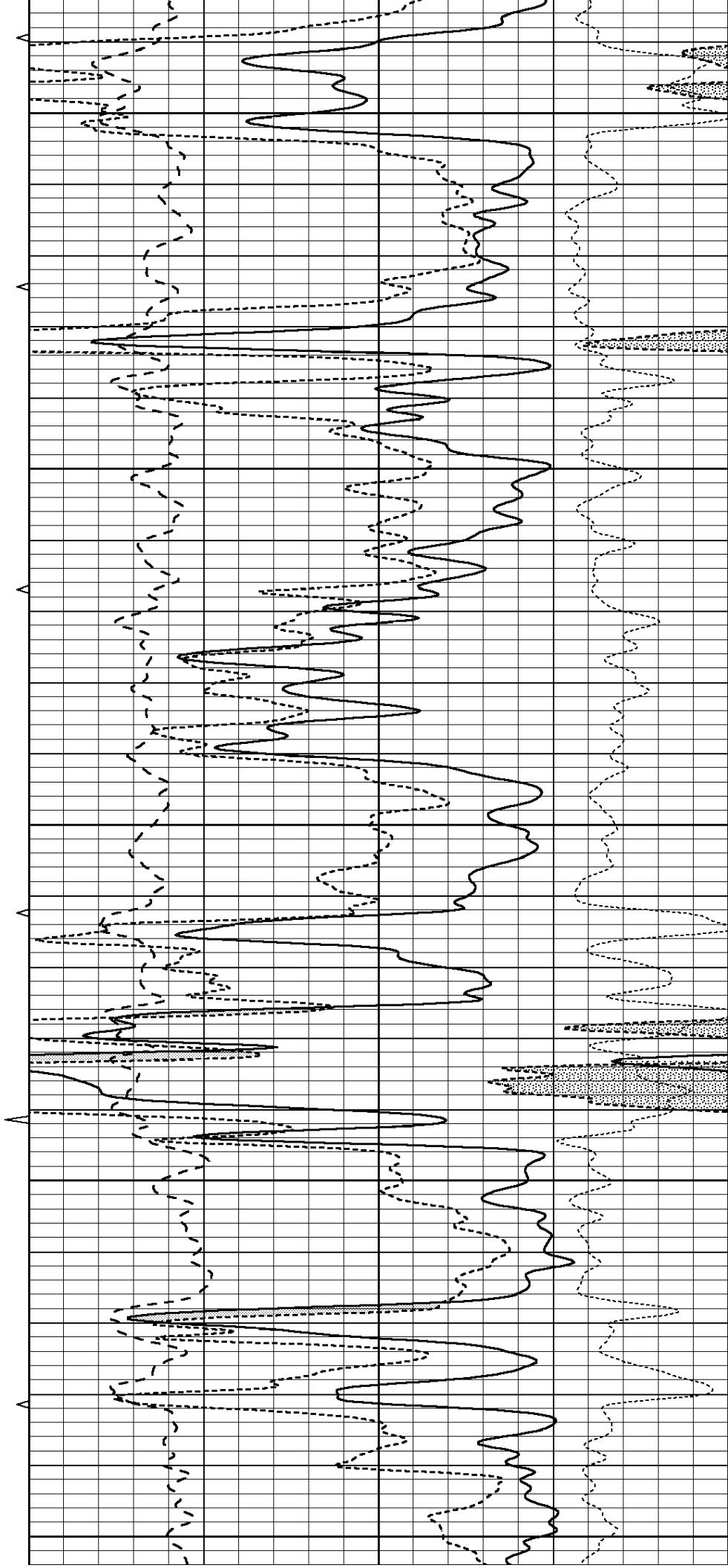
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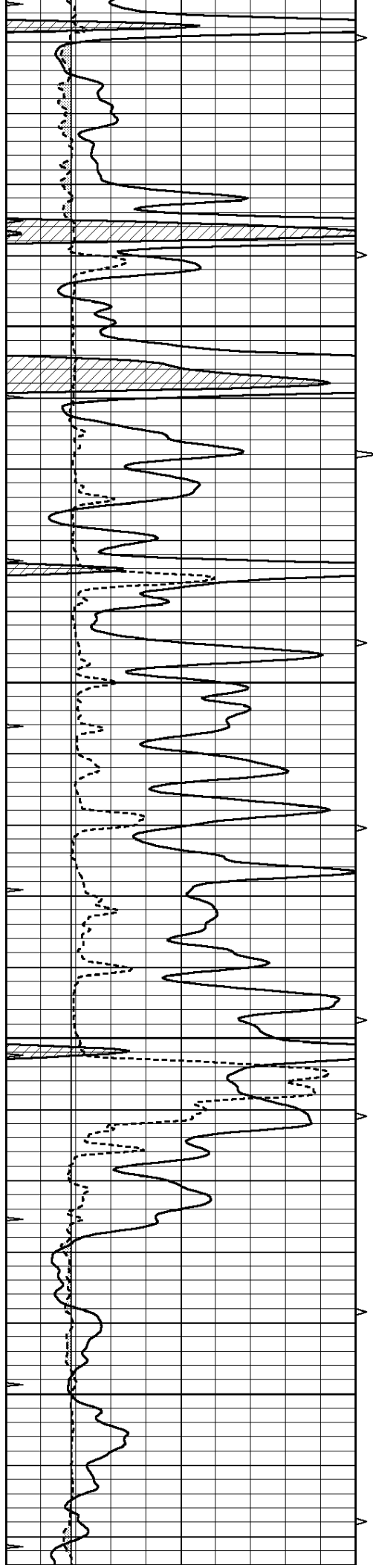
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4900

4950

5000



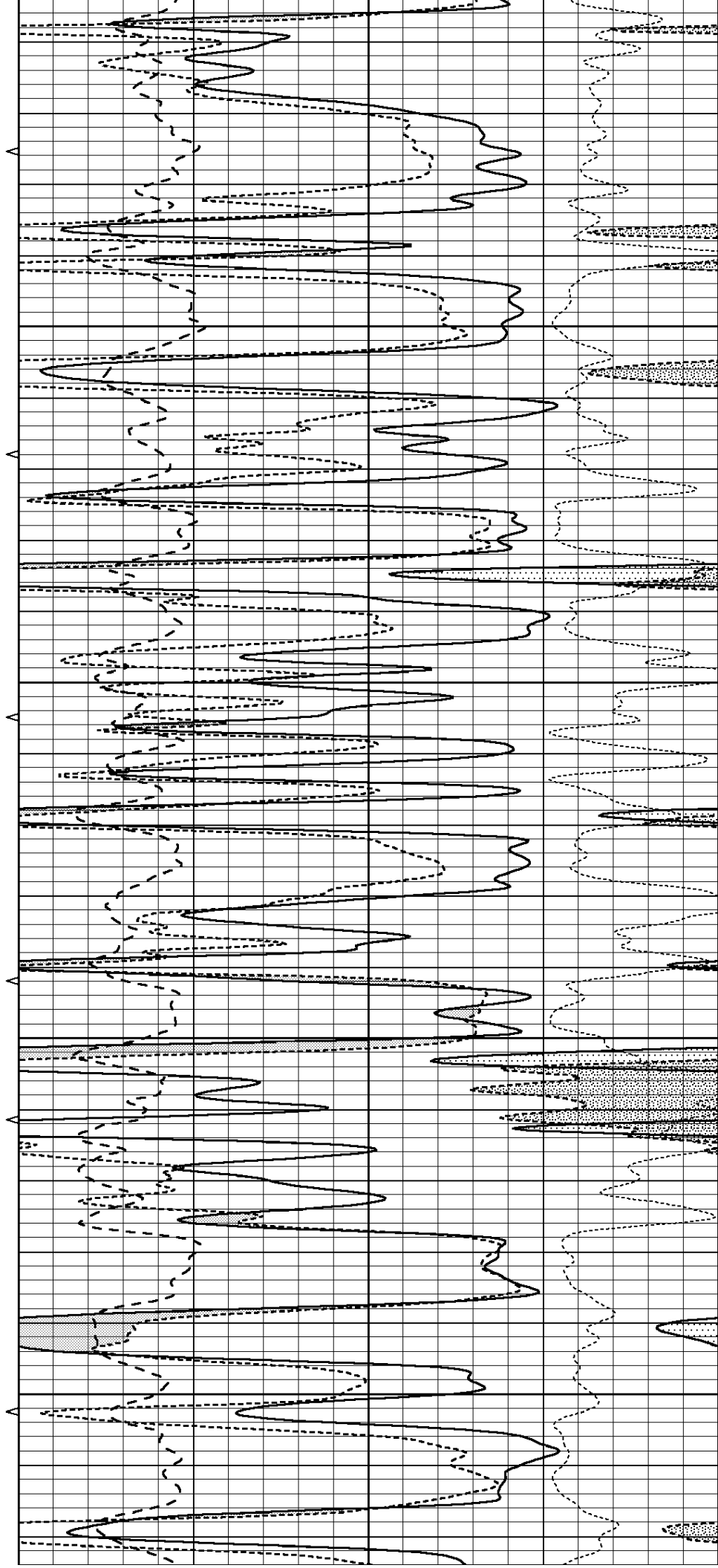


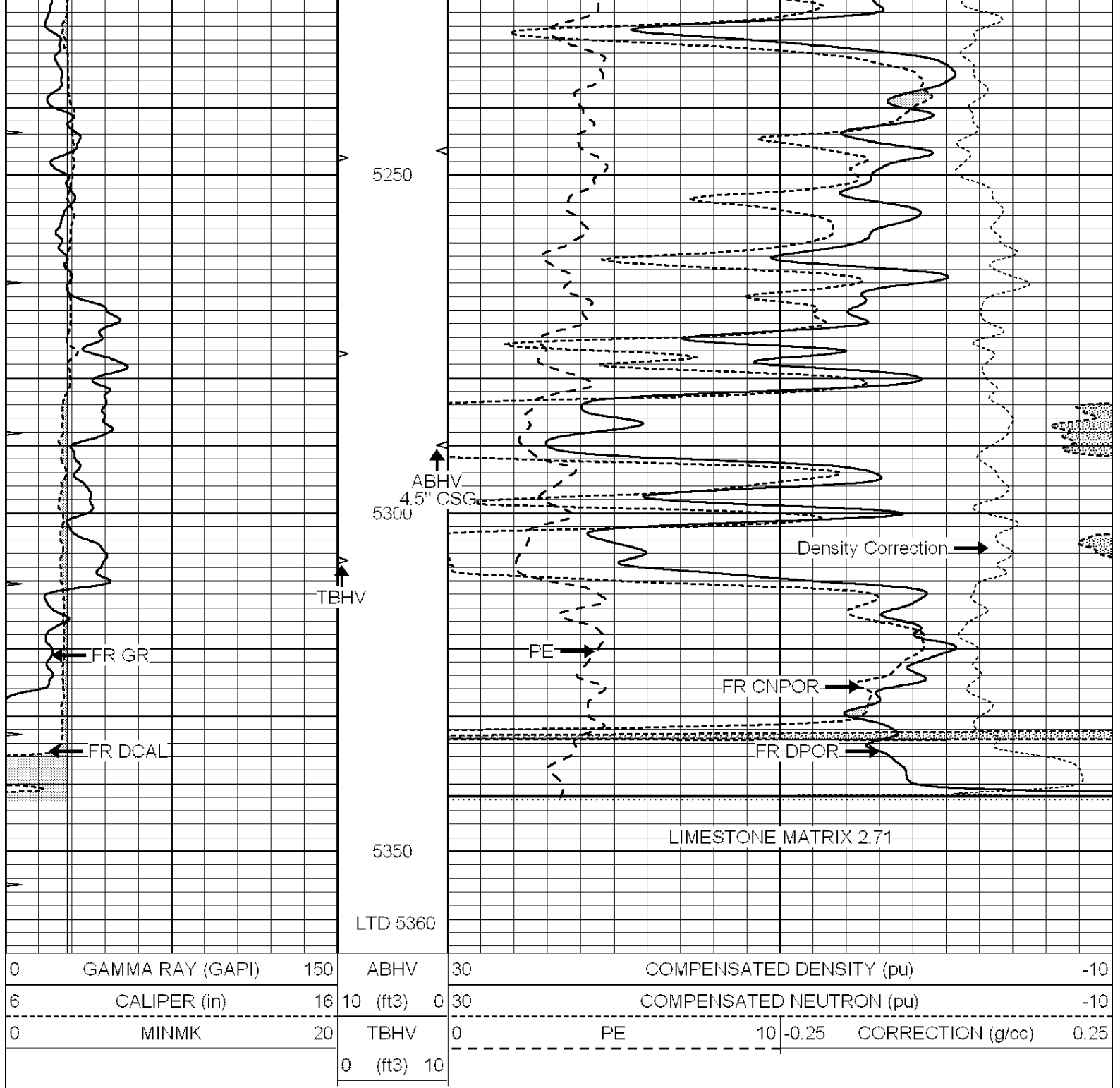
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5100

5150

5200





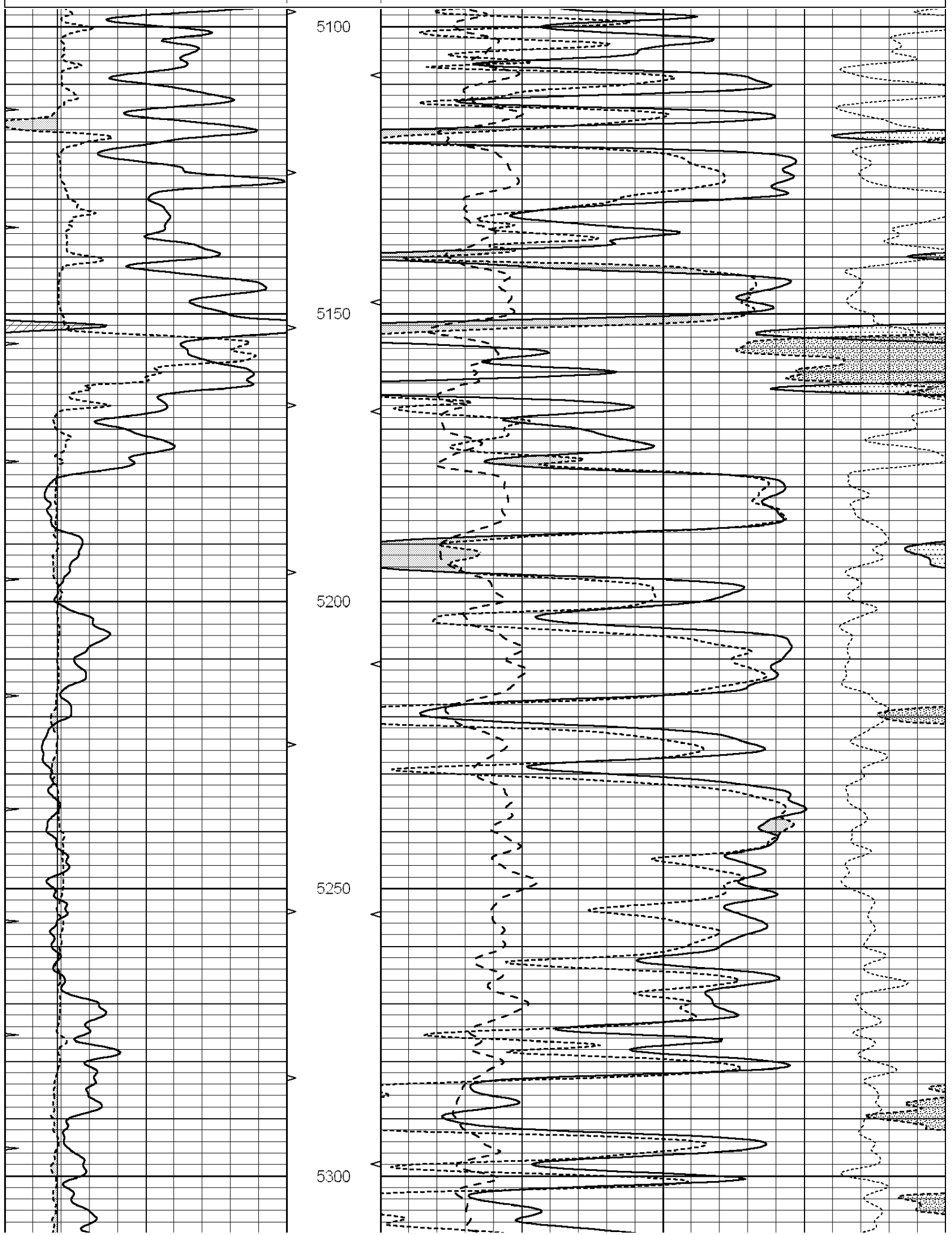
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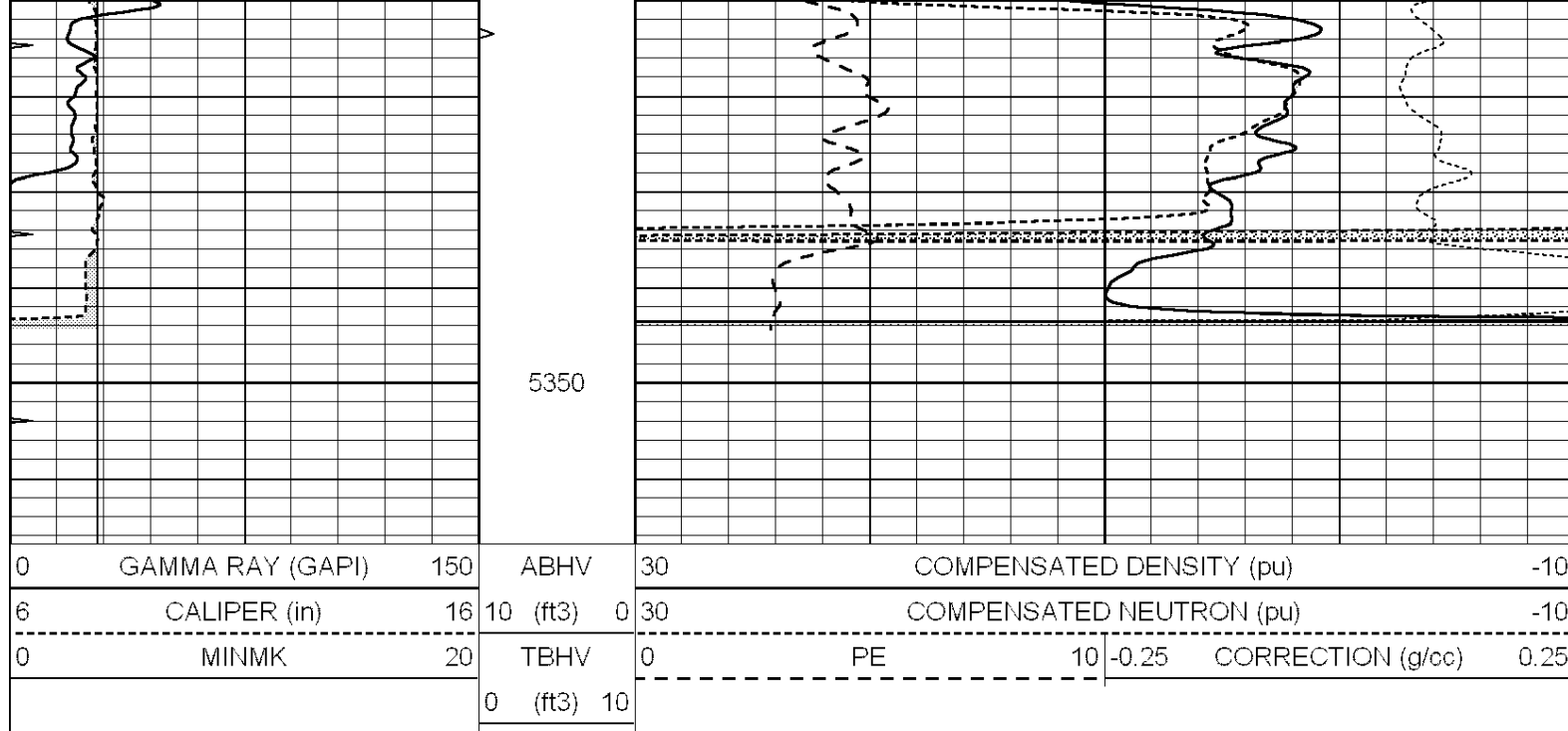
REPEAT SECTION

Database File: 25887pe.db
Dataset Pathname: pass2.2
Presentation Format: _ldt_neu
Dataset Creation: Mon Sep 29 02:03:58 2014 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	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: 25887pe.db
Dataset Pathname: pass3.2
Dataset Creation: Mon Sep 29 02:47:37 2014 by Calc SOC 120430

Dual Induction Calibration Report

Serial-Model: PROBE9-DILG
Surface Cal Performed: Fri Sep 26 22:43:29 2014
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	670.000	-12.000
Medium	0.039	0.728	V	0.000	464.000	mmho/m	670.000	-24.000
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 Fri May 30 11:50:45 2014			
	Background	Magnesium	Aluminum	Sandstone	
Window 1	1256.6	9989.4	3203.9	10919.3	cps
Window 2	1137.0	8207.0	2724.6	8764.6	cps
Window 3	749.9	3977.2	1516.7	4097.1	cps
Window 4	144.0	317.0	303.6	310.9	cps
Long Space	0.0	7070.0	1587.6	7627.6	cps
Short Space	1.9	2571.4	1707.5	2736.8	cps
Rho		1.7100	2.5900	1.3800	g/cc
Pe		0.0000	2.5700	1.5500	
Rib Angle	: 44.7	Rib Slope	: 0.989	Density/Spine Ratio	: 0.568
Spine Angle	: 74.7	Spine Slope	: 3.648	Spine Intercept	: -19.8

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

Detector		Readings		Measured	Target
Short Space		cps			
Long Space		cps		pu	pu
Gamma Ray Calibration Report					
Serial Number:		070558			
Tool Model:		OPEN_GR			
Performed:		Mon Jun 30 21:53:39 2014			
Calibrator Value:		1.0	GAPI		
Background Reading:		0.0	cps		
Calibrator Reading:		1.0	cps		
Sensitivity:		0.2800	GAPI/cps		