



NABORS

**COMPLETION
& PRODUCTION
SERVICES CO.**

**COMPENSATED
DENSITY / NEUTRON
PE LOG**

Company		VINCENT OIL CORP.	
Well		SHELOR #1-17	
Field		WILDCAT	
County		FORD	
State		KANSAS	
Company		VINCENT OIL CORPORATION	
Well		SHELOR #1-17	
Field		WILDCAT	
County		FORD	
State		KANSAS	
Location:		API # : 15-057-20910-0000	
Permanent Datum		GROUND LEVEL	
Log Measured From		790' FNL & 1075' FEL NW - SW - NE - NE SEC 17 TWP 29S RGE 24W	
Drilling Measured From		KELLY BUSHING 10' A.G.L. KELLY BUSHING	
Other Services		DIL/MEL SONIC	
Elevation		K.B. 2587 D.F. 2585 G.L. 2577	
Date	9/13/13		
Run Number	ONE		
Depth Driller	5335		
Depth Logger	5334		
Bottom Logged Interval	5310		
Top Log Interval	4150		
Casing Driller	8 5/8" @ 646'		
Casing Logger	646'		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 9,000 PPM	
Density / Viscosity	9.1/55		
pH / Fluid Loss	10.5/9.2		
Source of Sample	FLOWLINE		
Rim @ Meas. Temp	0.40 @ 80F		
Rmf @ Meas. Temp	0.30 @ 80F		
Rmc @ Meas. Temp	0.48 @ 80F		
Source of Rmf / Rmc	MEASUREMENT		
Rim @ BHT	0.25 @ 128F		
Time Circulation Stopped	2.5 HOURS		
Time Logger on Bottom	9:00 AM		
Maximum Recorded Temperature	128F		
Equipment Number	4854		
Location	HAYS, KANSAS		
Recorded By	JEFF GRONEMEG		
Witnessed By	JIM HALL		

<<< Fold Here >>>

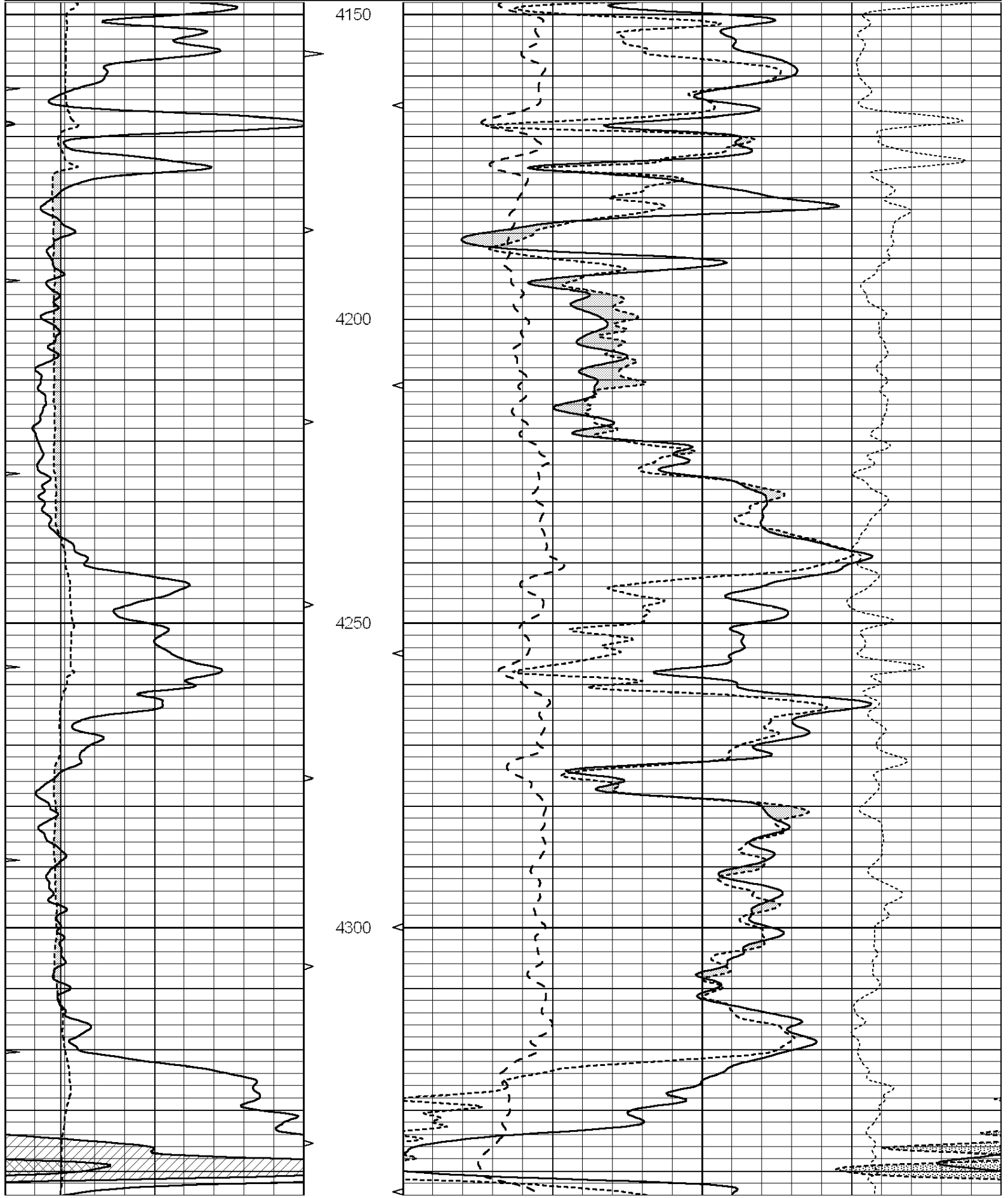
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

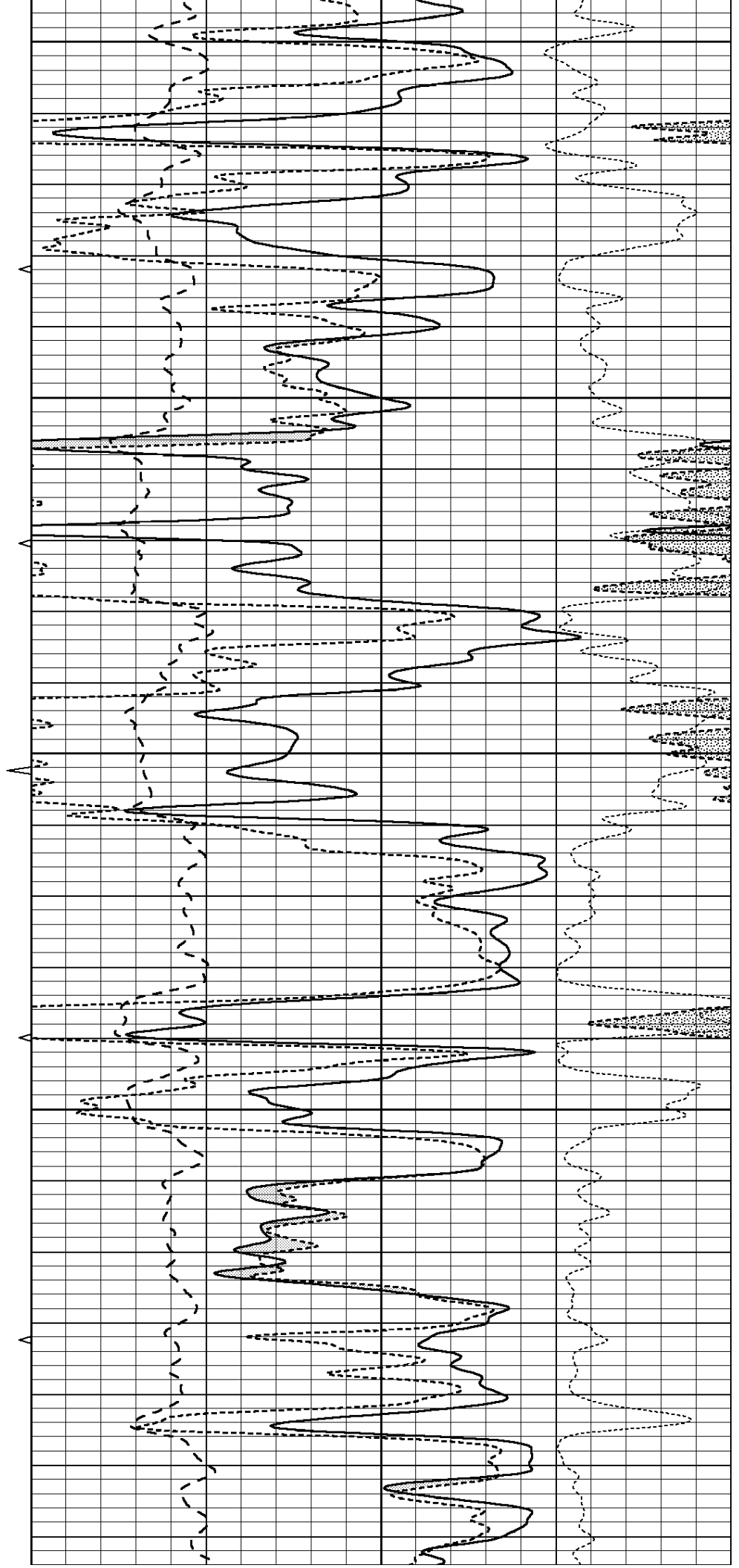
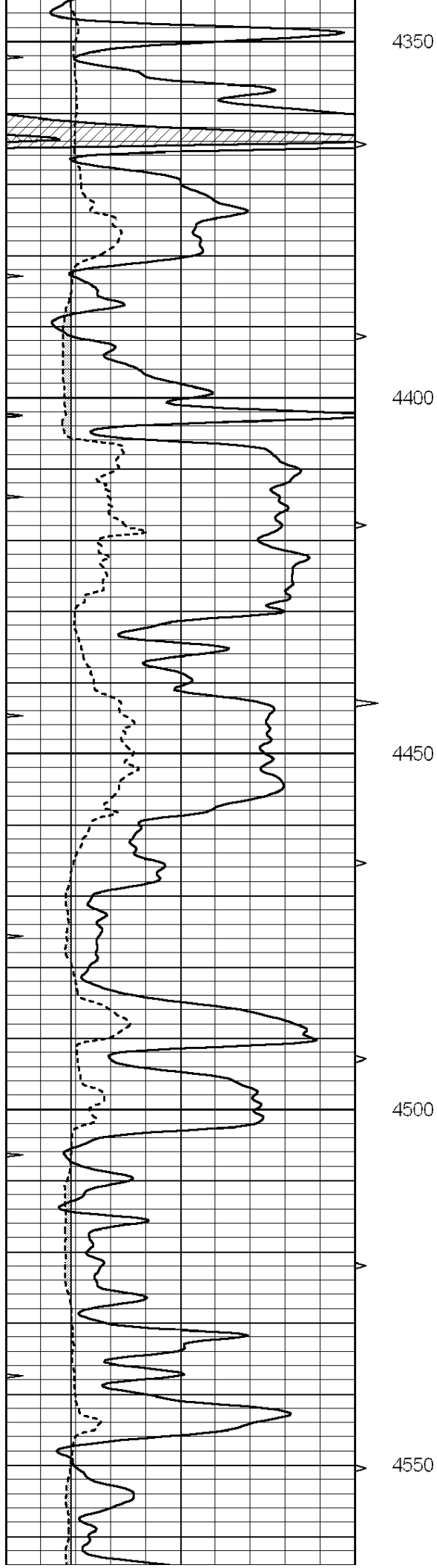
Comments

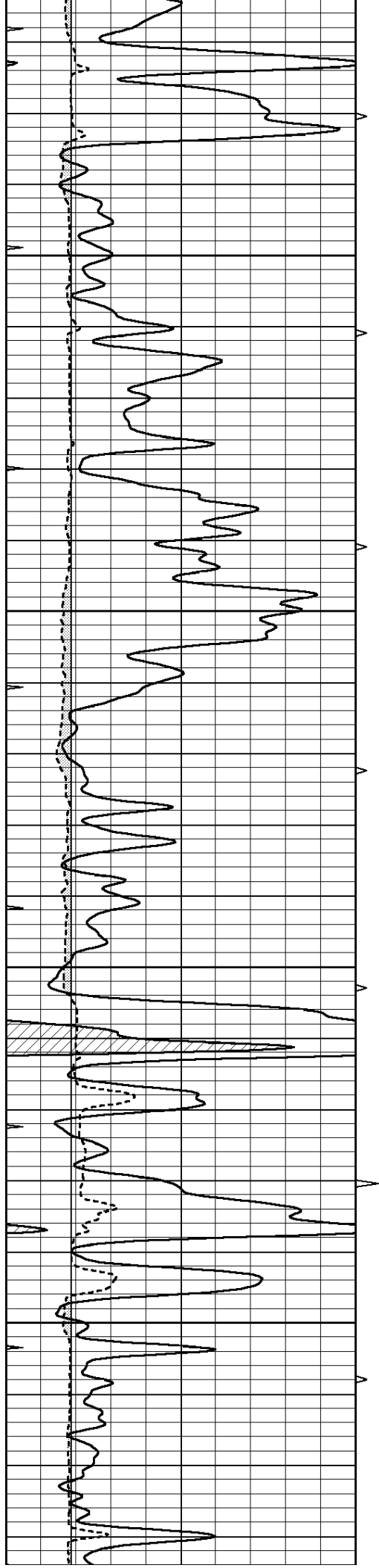
THANK YOU FOR USING "NABORS" HAYS, KANSAS (785) 628-6395
DIRECTIONS
BLOOM, KS - 3 MILES WEST TO RD 114 - 3 1/2 MILES NORTH TO WINDY RD
1/4 MILE WEST - SOUTH INTO

Database File: 011670pe.db
Dataset Pathname: pass4.3
Presentation Format: _ldt_neu
Dataset Creation: Fri Sep 13 10:58:38 2013 by Calc SOC 120430
Charted by: Depth in Feet scaled 1:240

Charted by:		Depth in Feet scaled 1:2.15					
0	GAMMA RAY (GAPI)	150	ABHV	30	COMPENSATED DENSITY (pu)		-10
6	CALIPER (in)	16		10 (ft3) 0	30	COMPENSATED NEUTRON (pu)	
-----				-----			
0	MINMK	20	TBHV	0	PE	10	-0.25 CORRECTION (g/cc) 0.25
			0 (ft3) 10	-----			





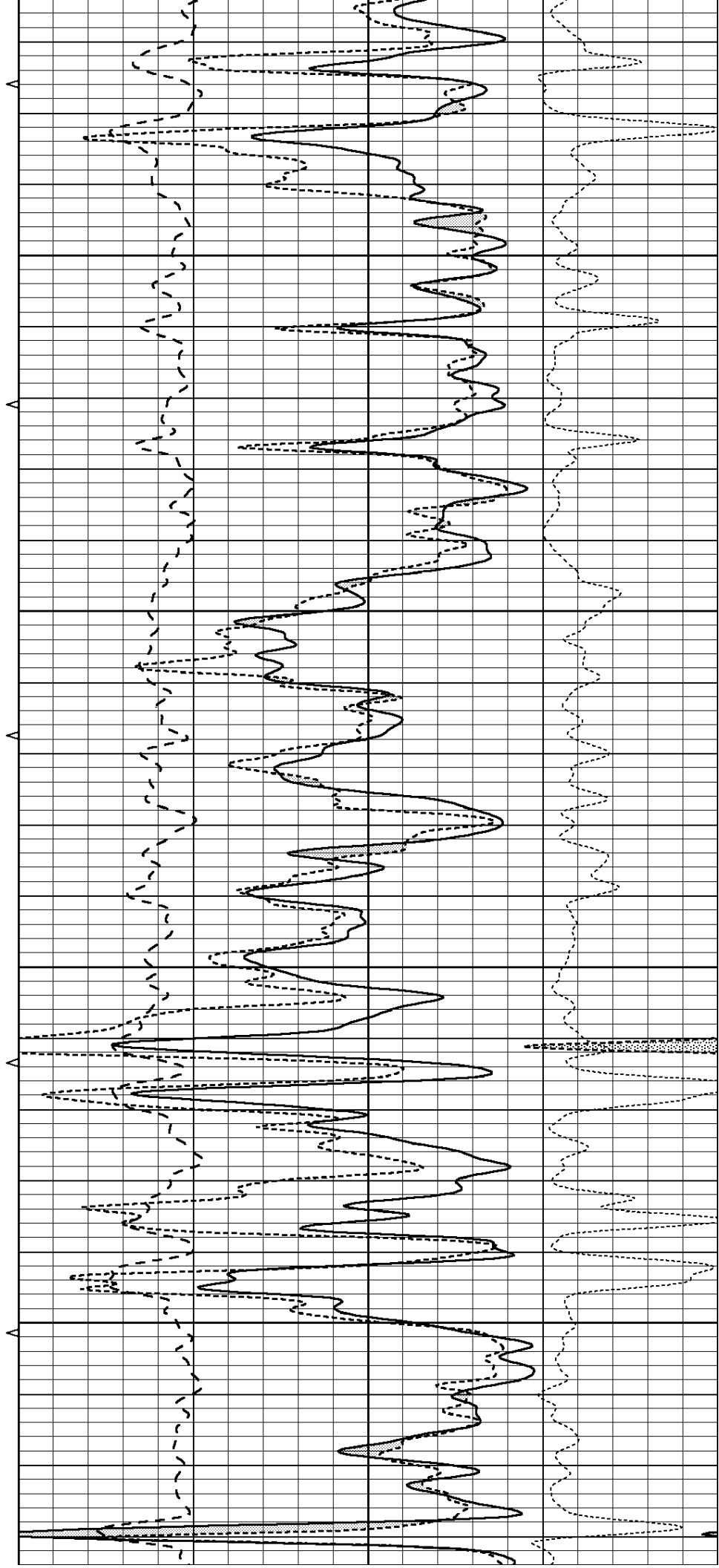


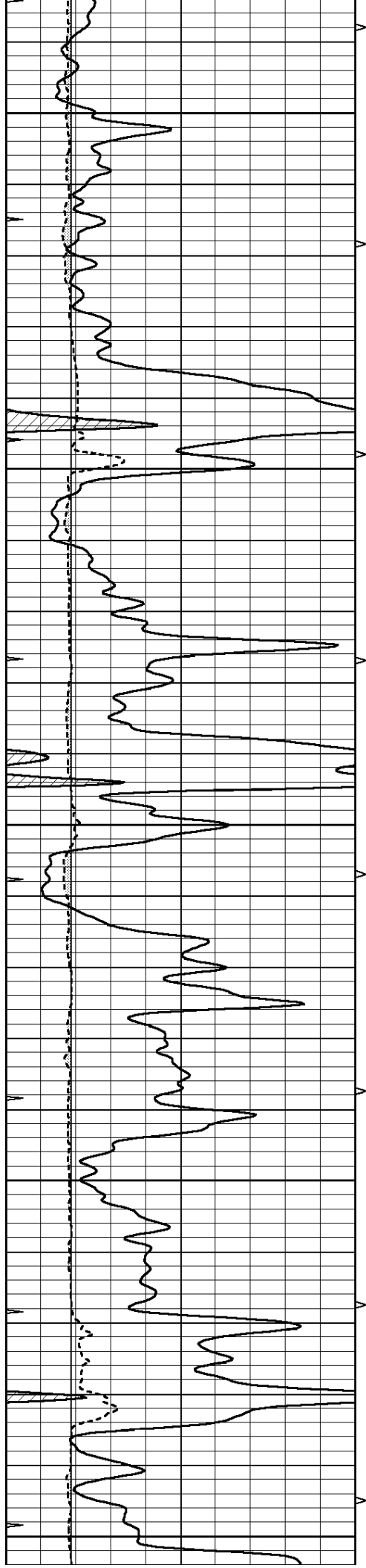
4600

4650

4700

4750





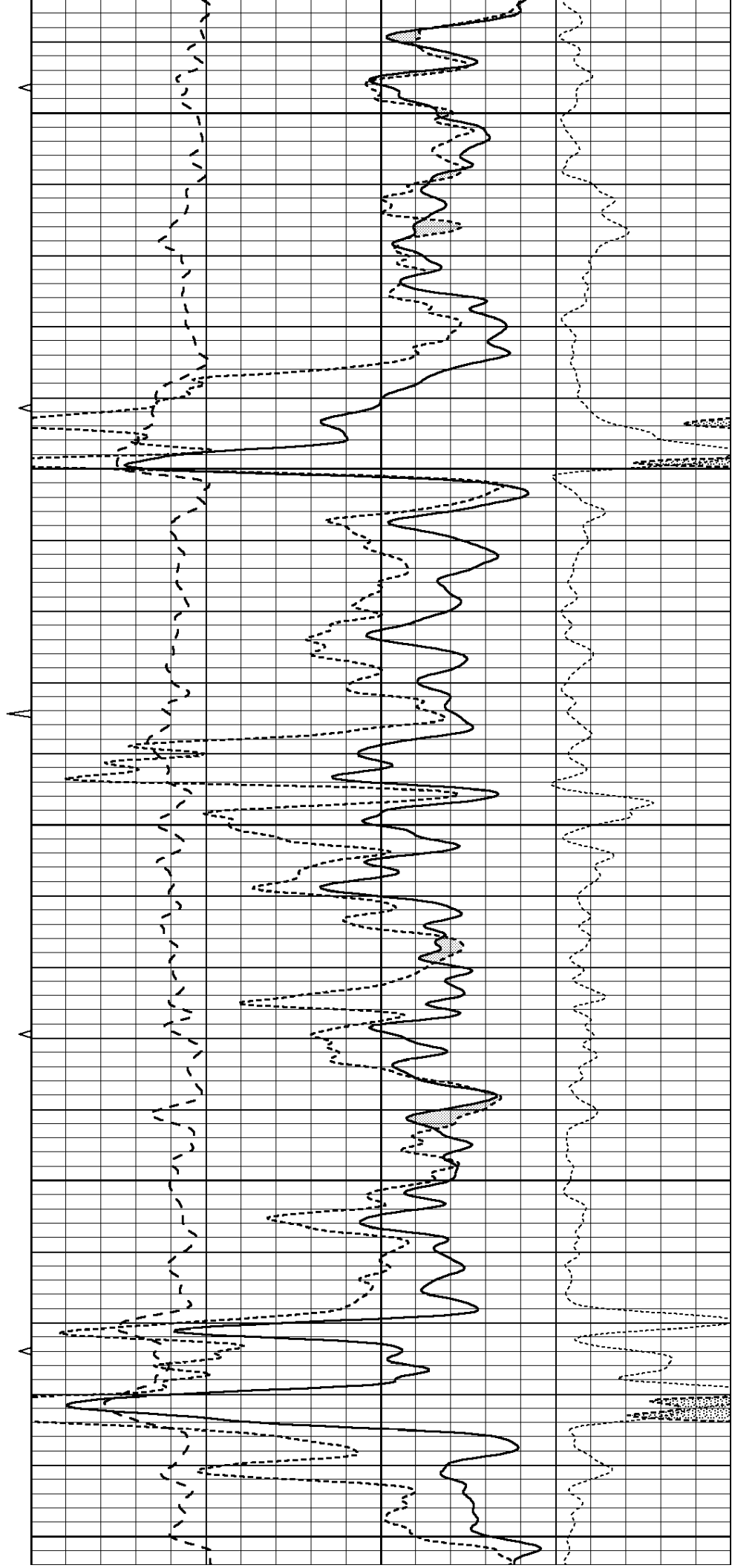
4800

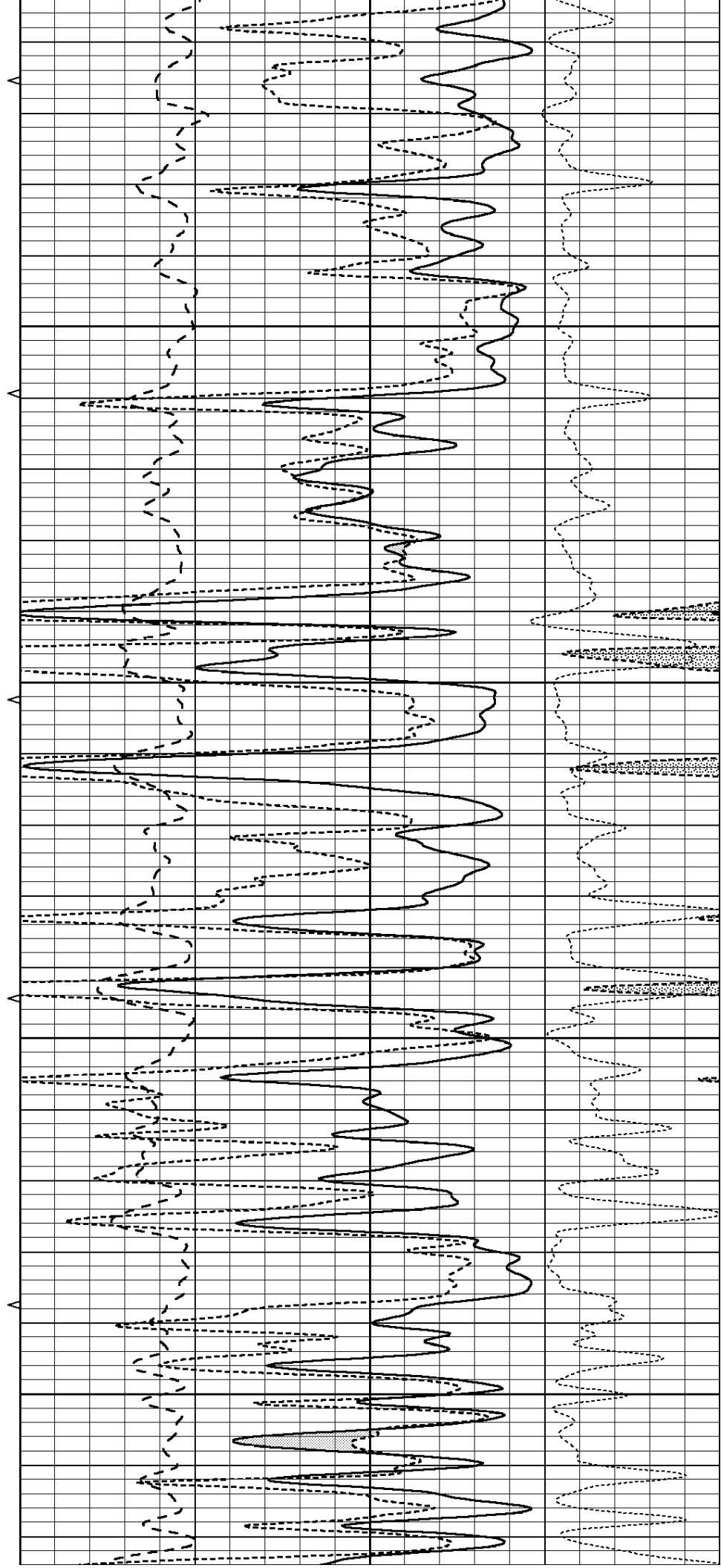
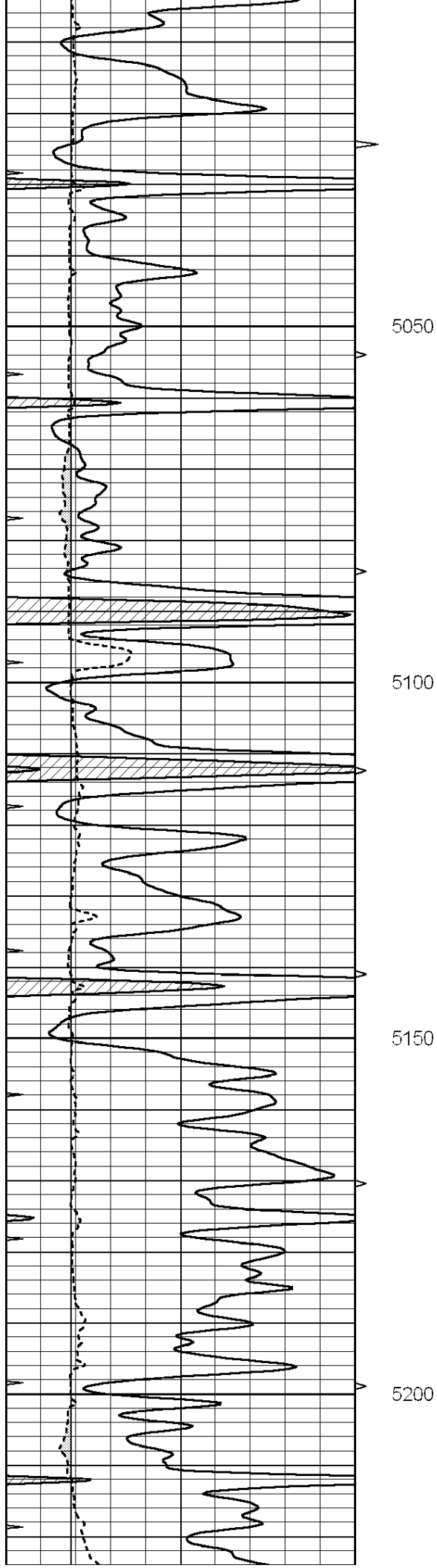
4850

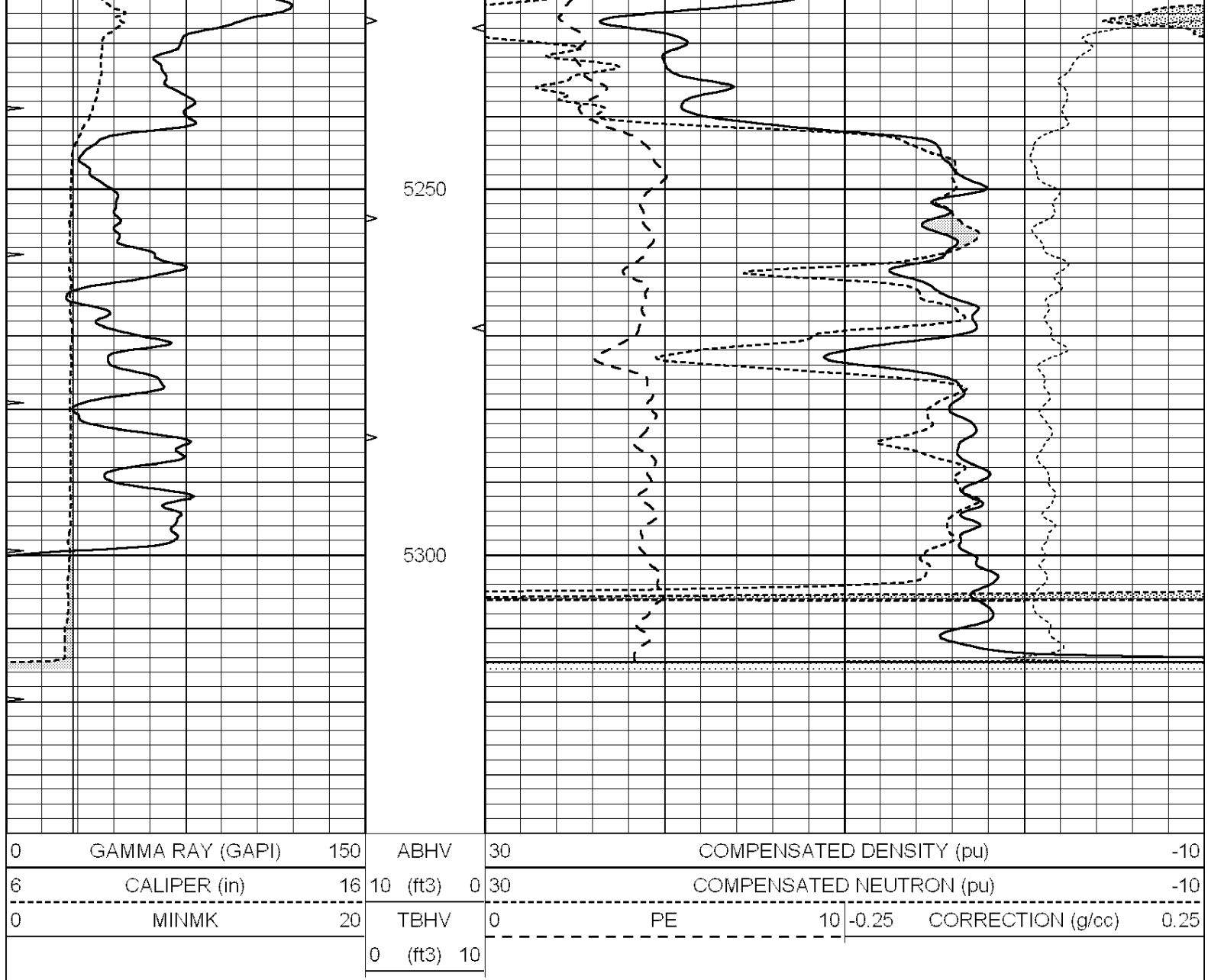
4900

4950

5000

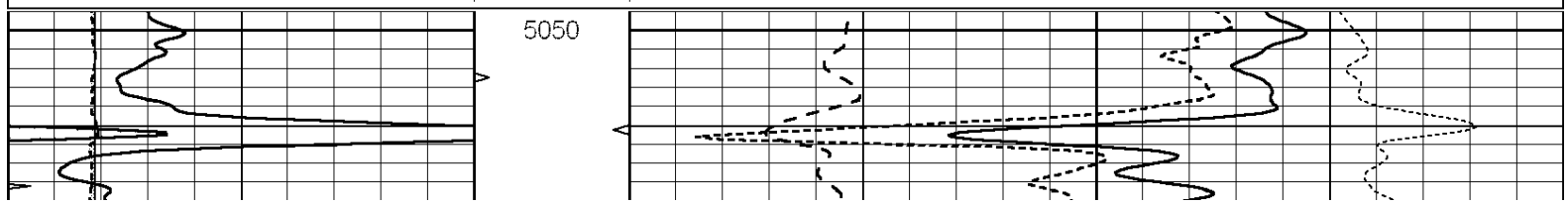
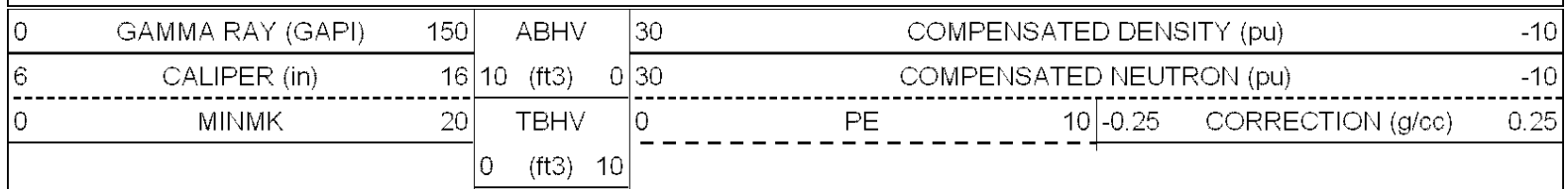


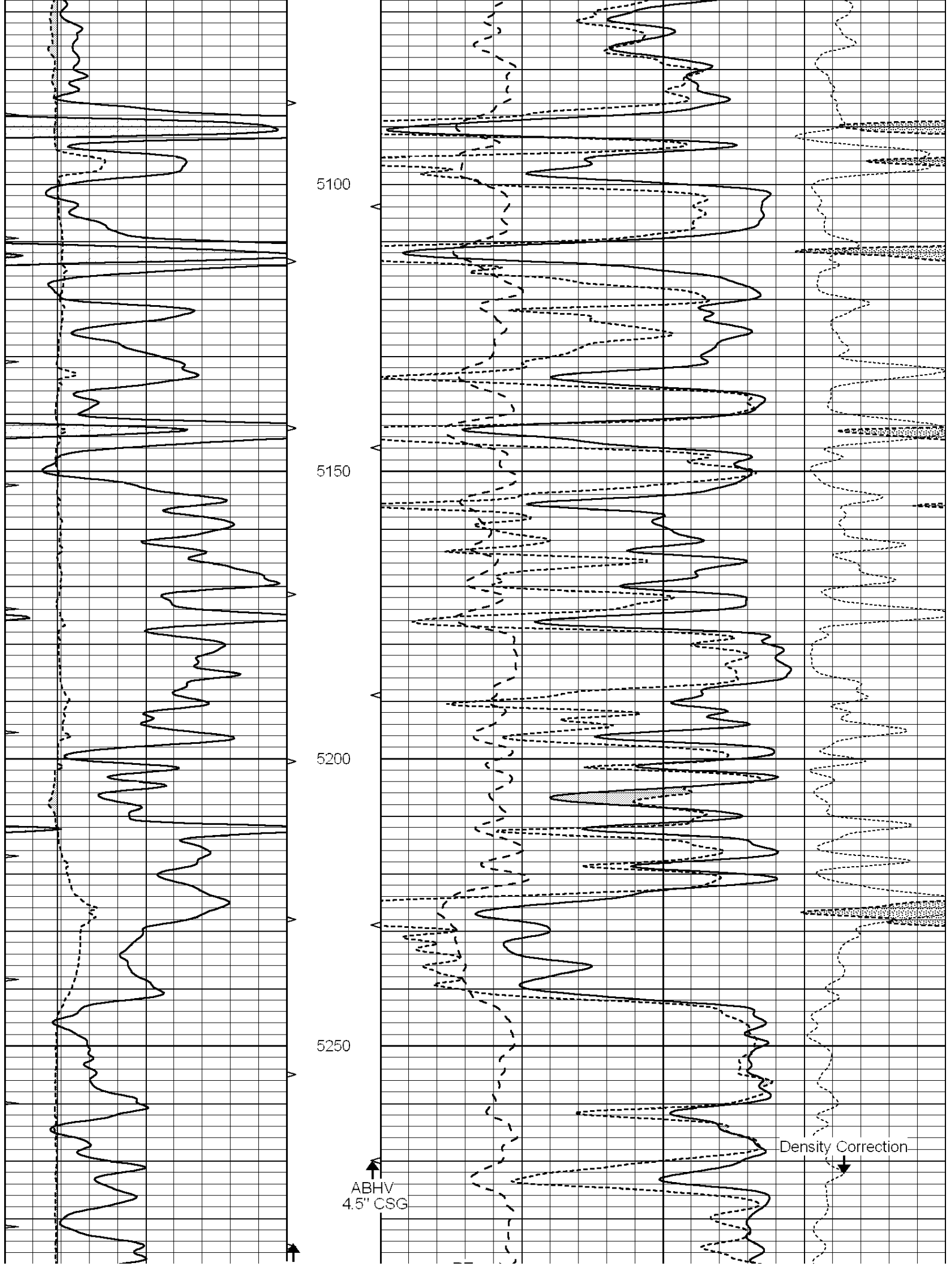


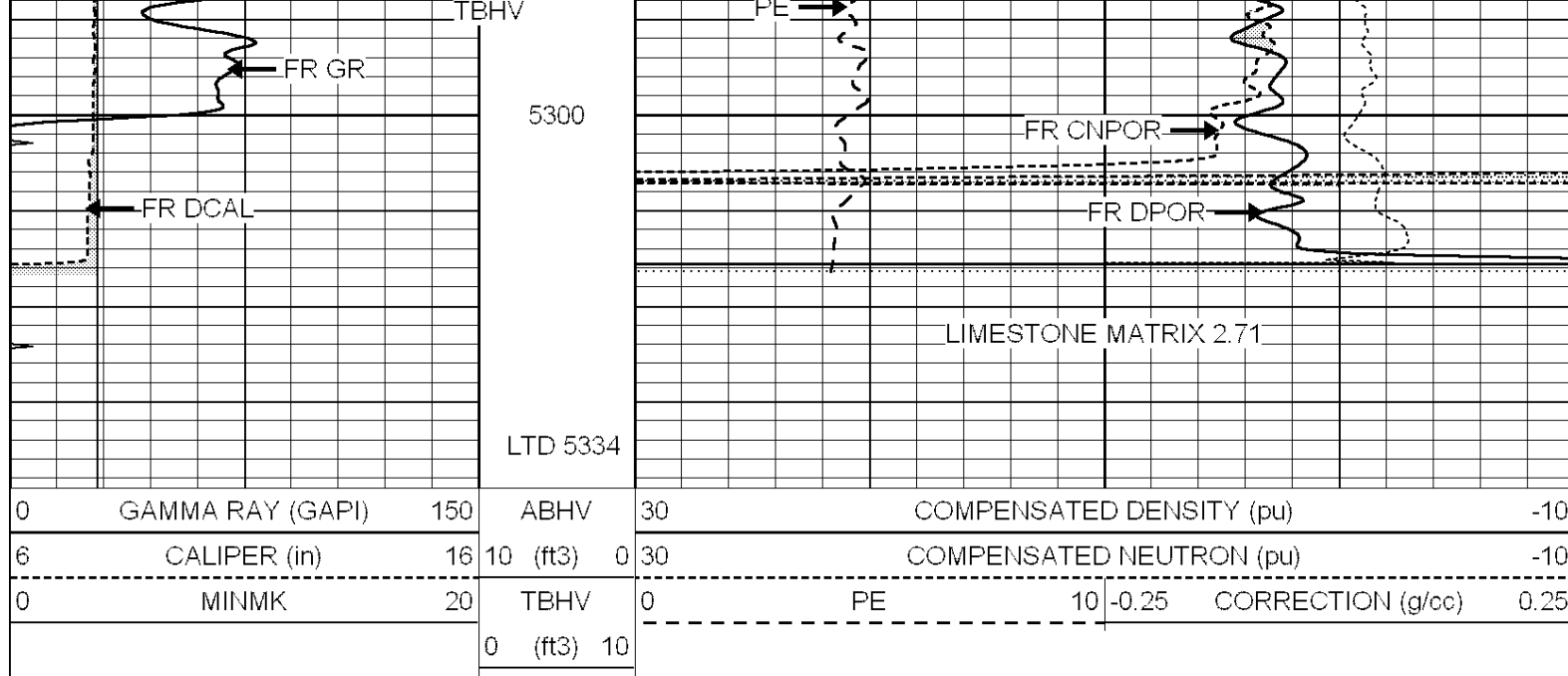


REPEAT SECTION

Database File: 011670pe.db
 Dataset Pathname: pass3.2
 Presentation Format: _ldt_neu
 Dataset Creation: Fri Sep 13 11:56:48 2013 by Calc SOC 120430
 Charted by: Depth in Feet scaled 1:240







Calibration Report

Database File: 011670pe.db
 Dataset Pathname: pass4.3
 Dataset Creation: Fri Sep 13 10:58:38 2013 by Calc SOC 120430

Dual Induction Calibration Report

Serial-Model: PROBE9-DILG
 Surface Cal Performed: Wed Sep 11 02:02:23 2013
 Downhole Cal Performed: Mon Jul 28 12:02:56 2008
 After Survey Verification Performed: Mon Jul 28 12:02:56 2008

Surface Calibration

Loop:	Readings			References			Results	
	Air	Loop		Air	Loop		m	b
Deep	-0.014	0.629	V	0.000	400.000	mmho/m	621.923	-5.000
Medium	0.039	0.728	V	0.000	464.000	mmho/m	640.000	-11.000
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		

Litho Density Calibration Report

Serial: 001Model: PRB

Master Calibration		Performed Tue May 28 08:54:22 2013			
	Background	Magnesium	Aluminum	Sandstone	
Window 1	1890.3	12786.5	4236.7	13497.2	cps
Window 2	1764.1	11051.7	3765.5	11456.4	cps
Window 3	1442.8	5894.4	2376.2	5911.4	cps
Window 4	428.0	428.9	420.8	426.5	cps
Long Space	0.0	9287.6	2001.3	9692.3	cps
Short Space	3.2	3351.1	2186.8	3398.0	cps
Rho		1.7100	2.5900	1.3800	g/cc
Pe		0.0000	2.5700	1.5500	
Rib Angle	: 44.5	Rib Slope	: 0.981	Density/Spine Ratio	: 0.552
Spine Angle	: 74.5	Spine Slope	: 3.596	Spine Intercept	: -20.1

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		

Short Space	cps		
Long Space	cps	pu	pu
Gamma Ray Calibration Report			
Serial Number:	070559		
Tool Model:	OPEN_GR		
Performed:	Wed Jun 12 18:25:42 2013		
Calibrator Value:	1.0	GAPI	
Background Reading:	0.0	cps	
Calibrator Reading:	1.0	cps	
Sensitivity:	0.3500	GAPI/cps	