



SUPERIOR
Hays,
Kansas

COMPENSATED
DENSITY / NEUTRON
PE LOG

Company VINCENT OIL CORPORATION
Well REYNOLDS #1-33
Field MULLBERRY CREEK
County FORD
State KANSAS

Company VINCENT OIL CORPORATION
Well REYNOLDS #1-33
Field MULLBERRY CREEK
County FORD State KANSAS

Location: API # : 15-057-20774-0000

2513' FSL & 330' FWL

SEC 33 TWP 28S RGE 23W

Permanent Datum GROUND LEVEL Elevation 2513
Log Measured From KELLY BUSHING 13' A.G.L.
Drilling Measured From KELLY BUSHING

Other Services
DIL/MEL
SONIC

Elevation

K.B. 2526
D.F. 2524
G.L. 2513

Date 1/2/12

Run Number ONE

Depth Driller 5650

Depth Logger 5652

Bottom Logged Interval 5628

Top Log Interval 4100

Casing Driller 8 5/8" @ 846'

Casing Logger 646

Bit Size 7 7/8"

Type Fluid in Hole CHEMICAL MUD

Density / Viscosity 9.2/46

pH / Fluid Loss 8.5/22.8

Source of Sample FLOWLINE

Rm @ Meas. Temp .400 @ 70F

Rmt @ Meas. Temp .300 @ 70F

Rmc @ Meas. Temp .480 @ 70F

Source of Rmt / Rmc MEASUREMENT

Rm @ BHT .214 @ 131F

Time Circulation Stopped 3 HOURS

Time Logger on Bottom 11:30 P.M.

Maximum Recorded Temperature 131F

Equipment Number 4010

Location HAYS, KANSAS

Recorded By JEFF LUEBBERS

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 SUPERIOR WELL SERVICE HAYS, KANSAS (785) 628-6395
DIRECTIONS

KINGSDOWN, KS. & HWY 54, 2N. ON "RD. 125" TO "WILBURN RD.", 5W. TO "RD. 120", 1/2N. TO SECOND
TANK BATTERY, E. INTO THEN S. THROUGH FENCE

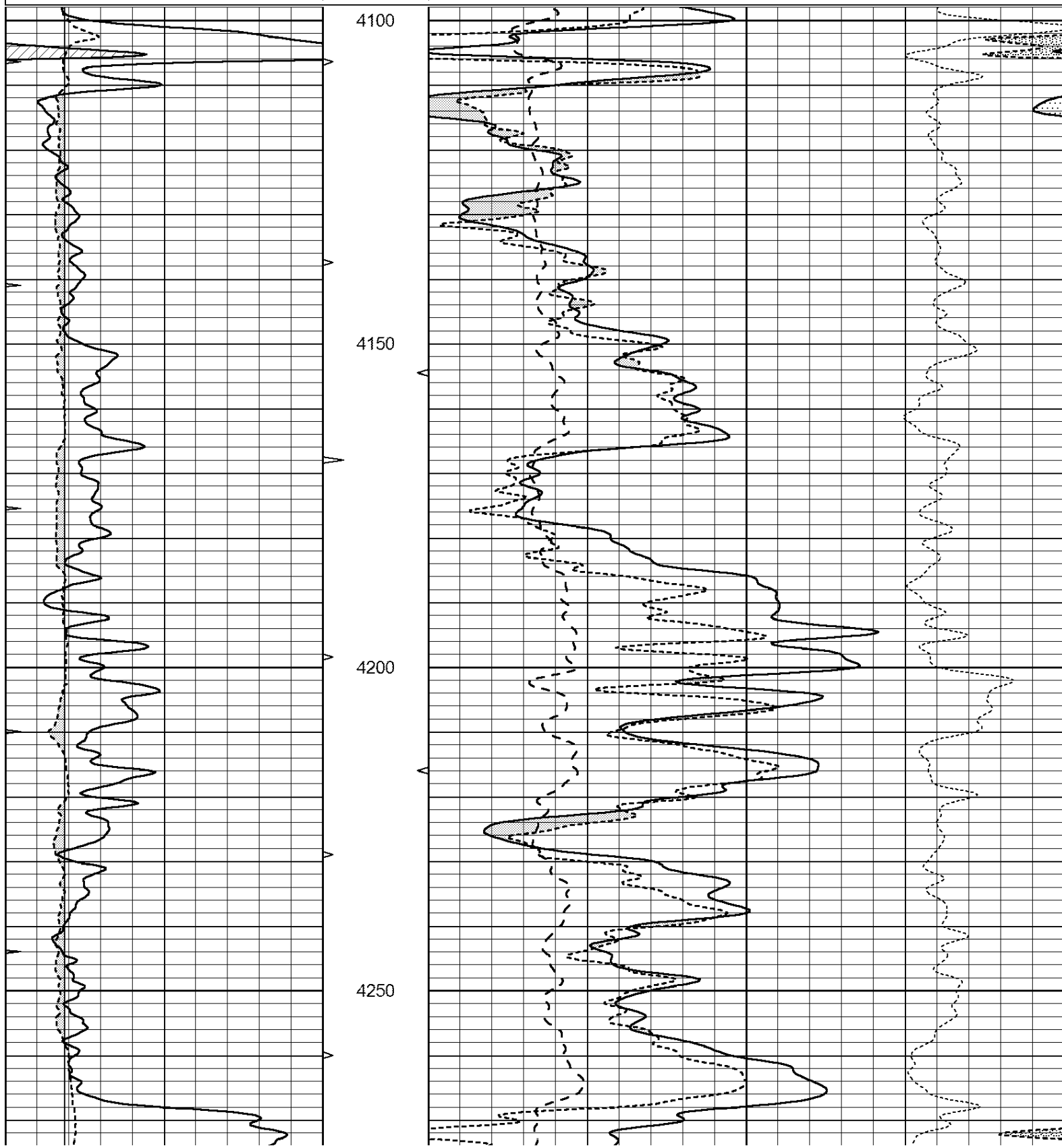


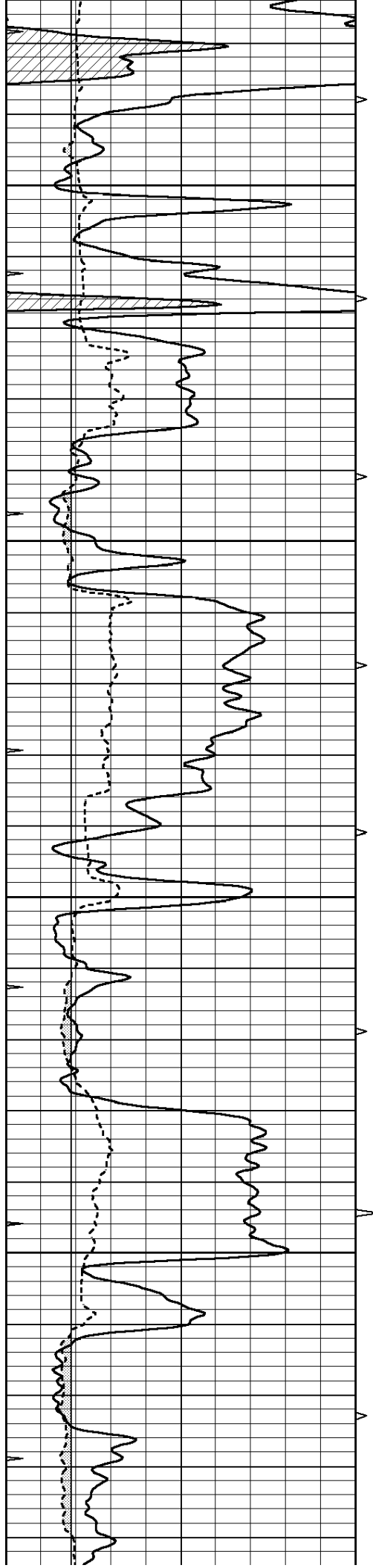
SUPERIOR
Hays,
Kansas

MAIN SECTION

Database File: 008131pe.db
Dataset Pathname: pass3.9
Presentation Format: ldt_neu
Dataset Creation: Mon Jan 02 02:12:10 2012
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			



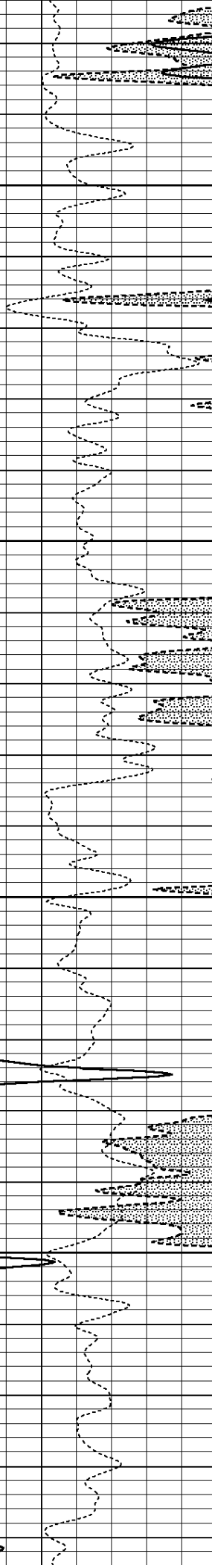
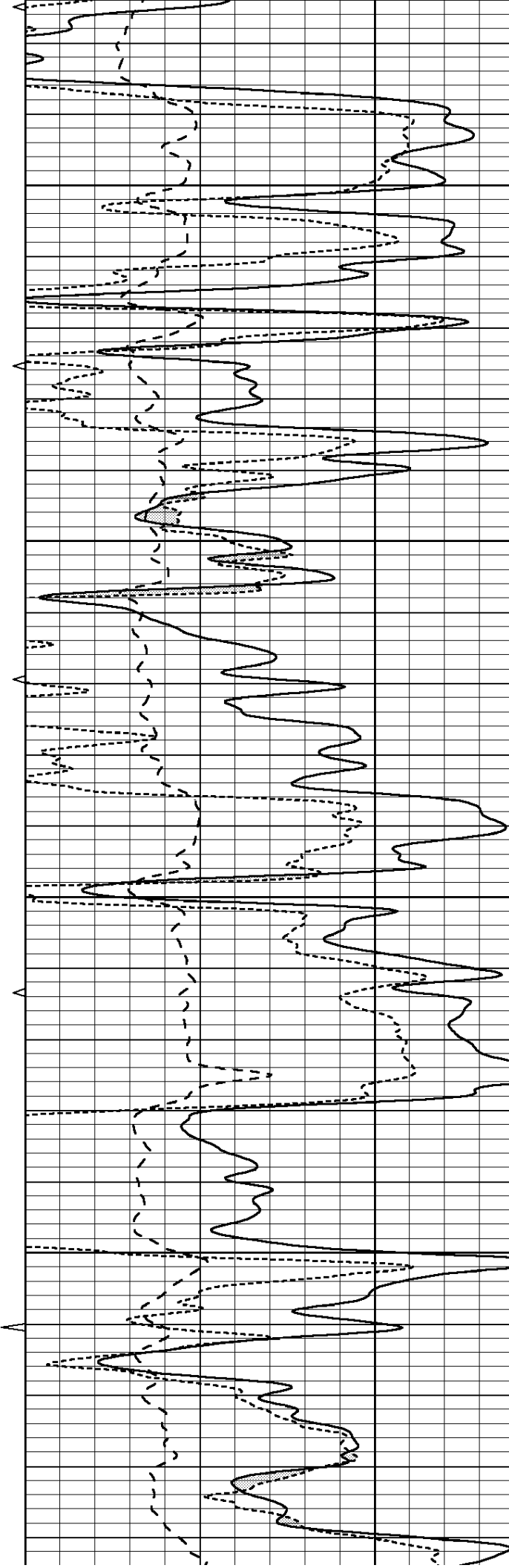


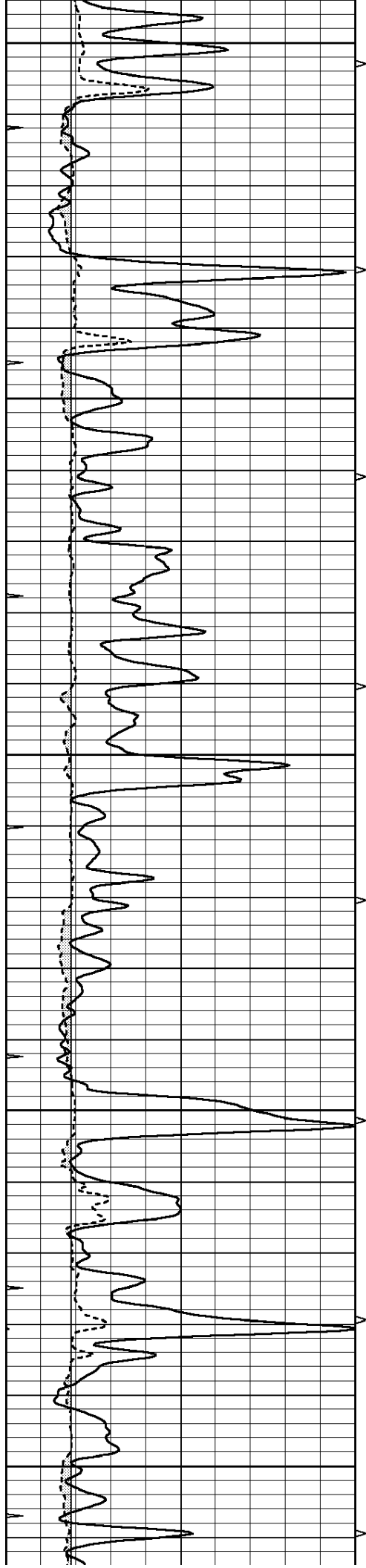
4300

4350

4400

4450





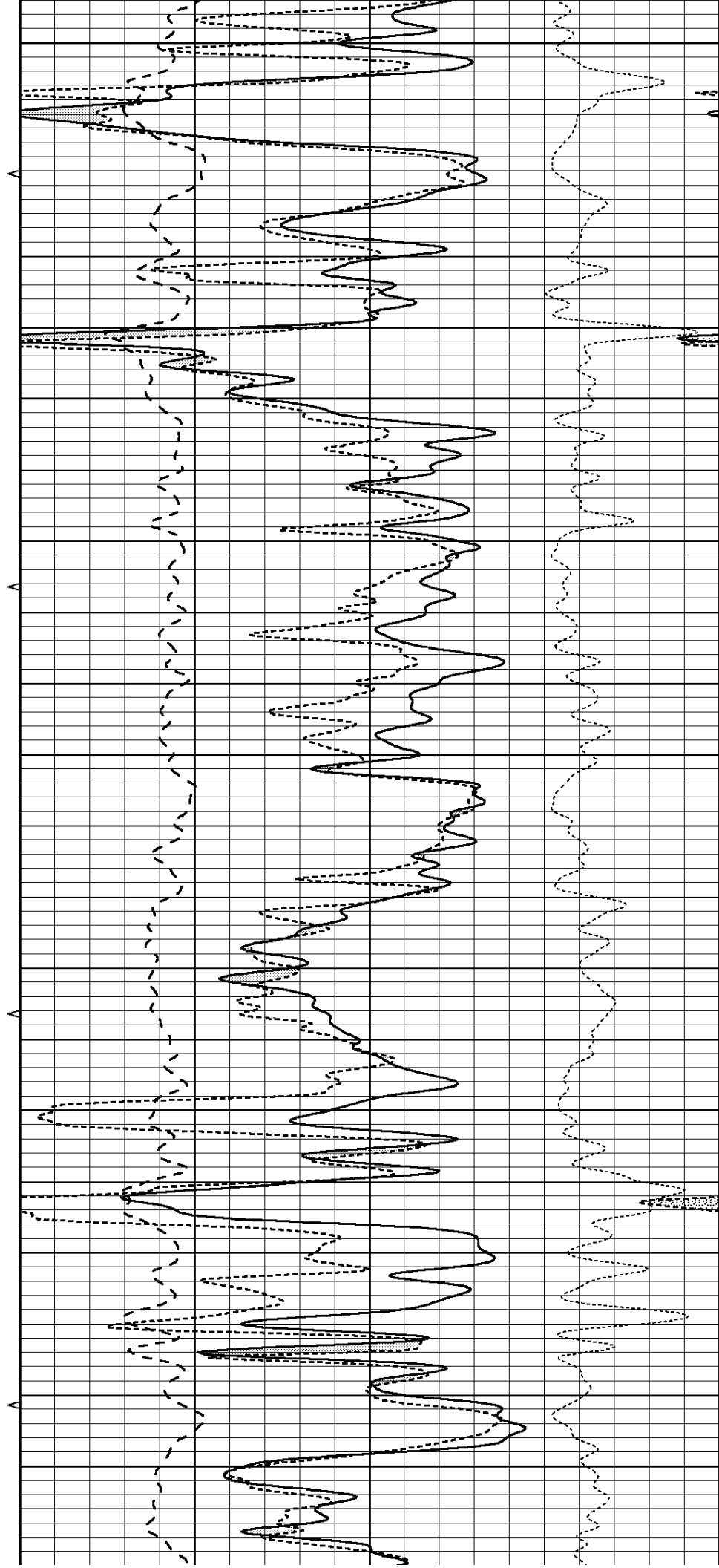
4500

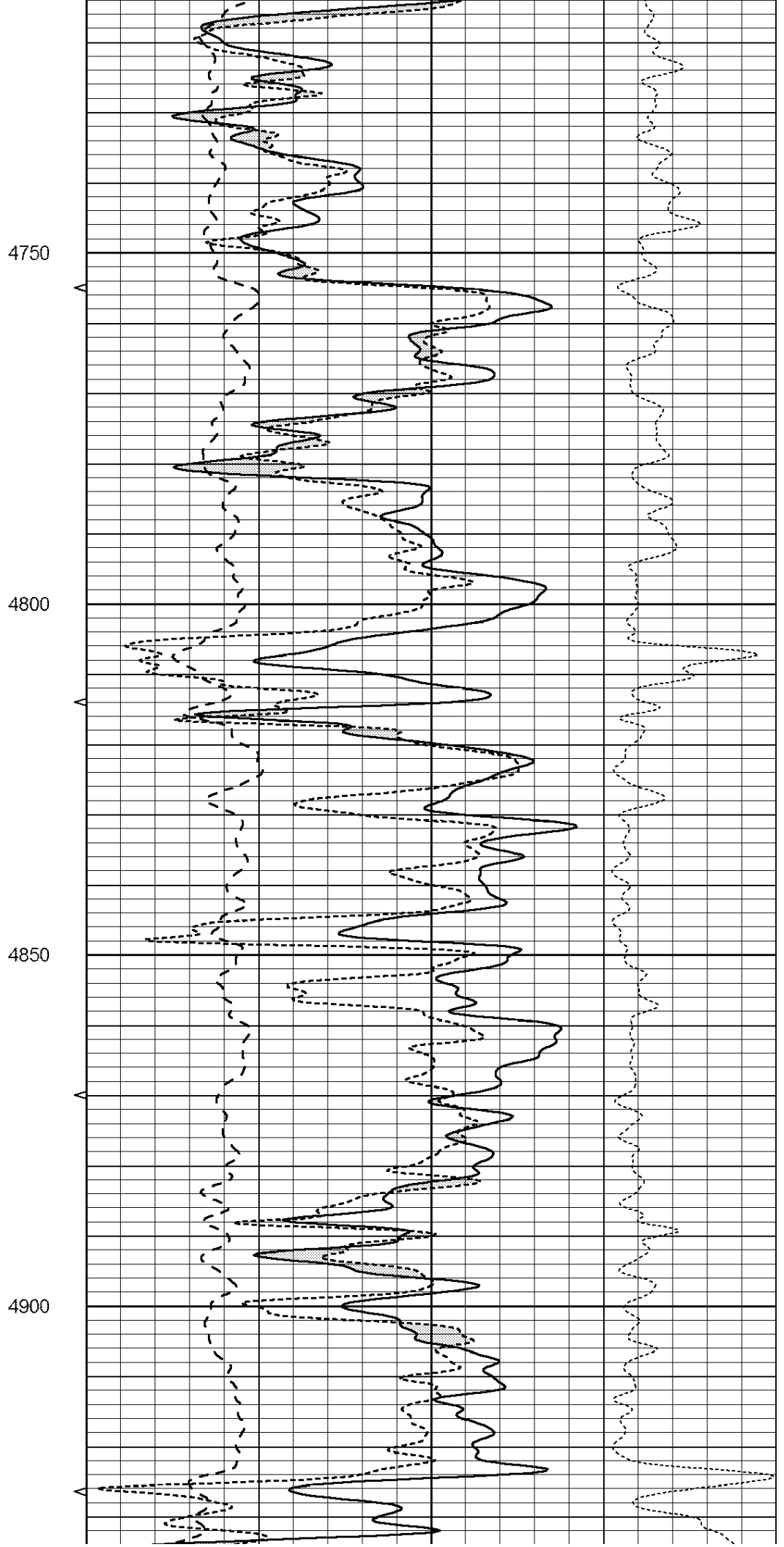
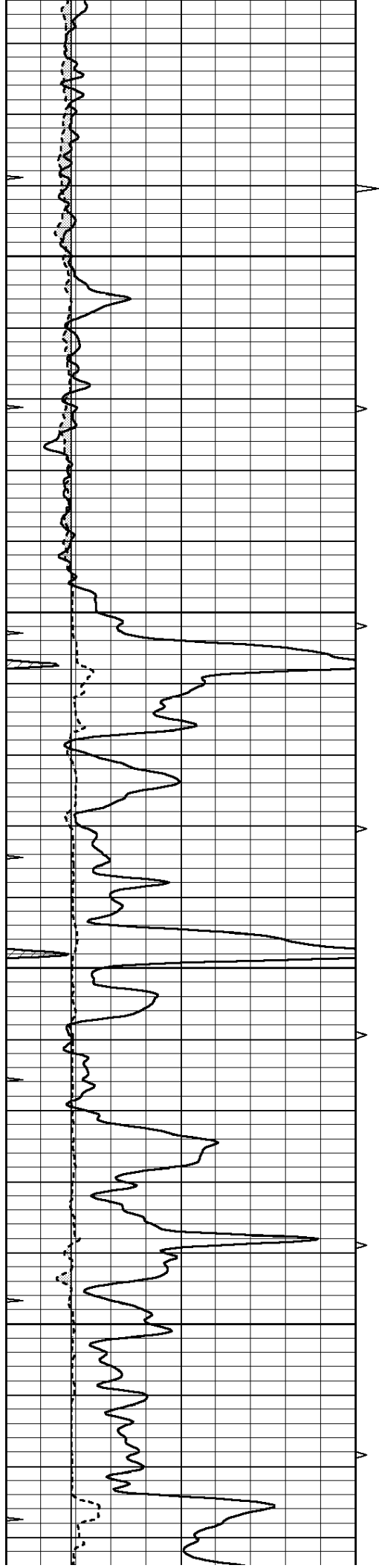
4550

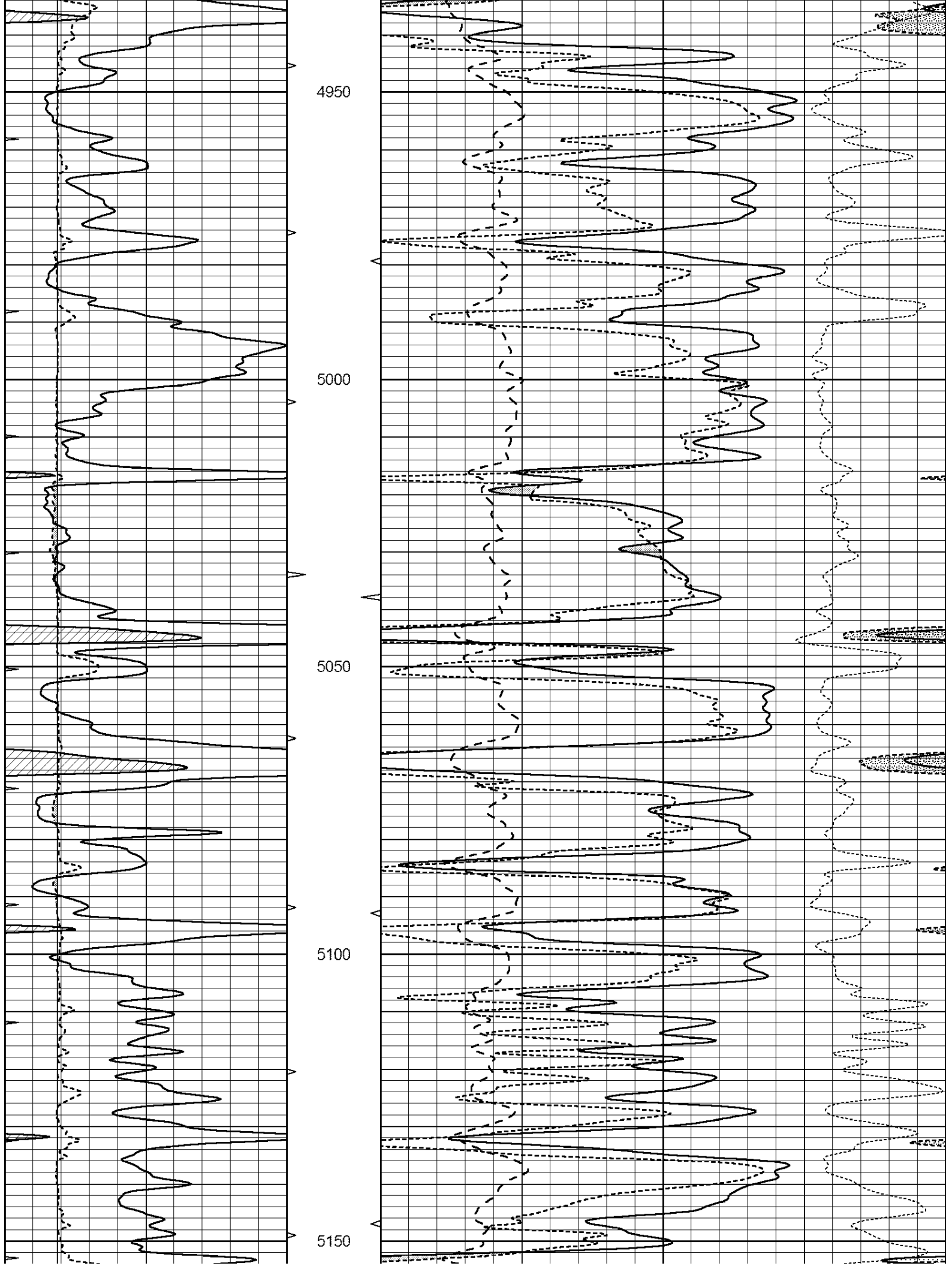
4600

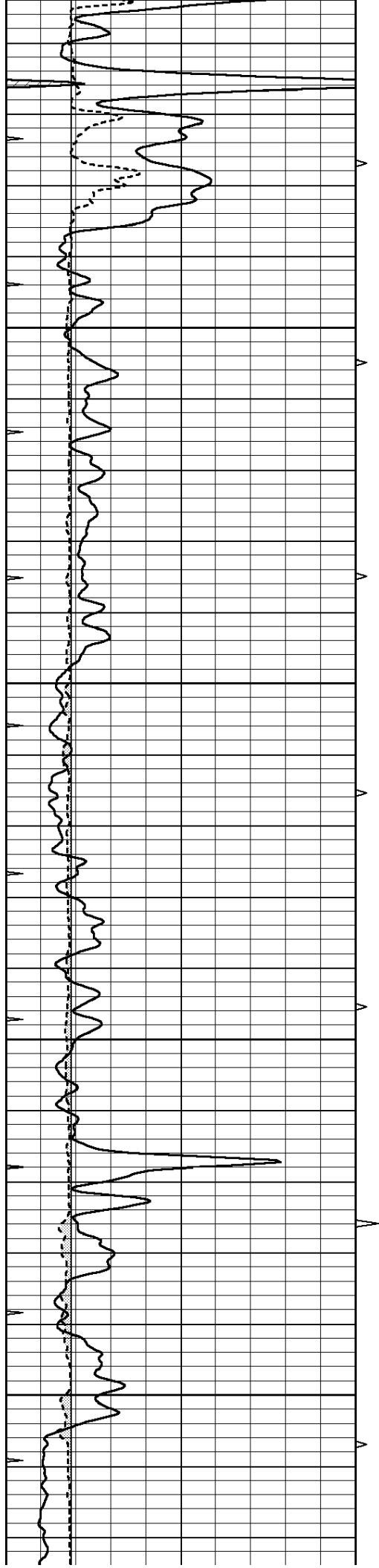
4650

4700







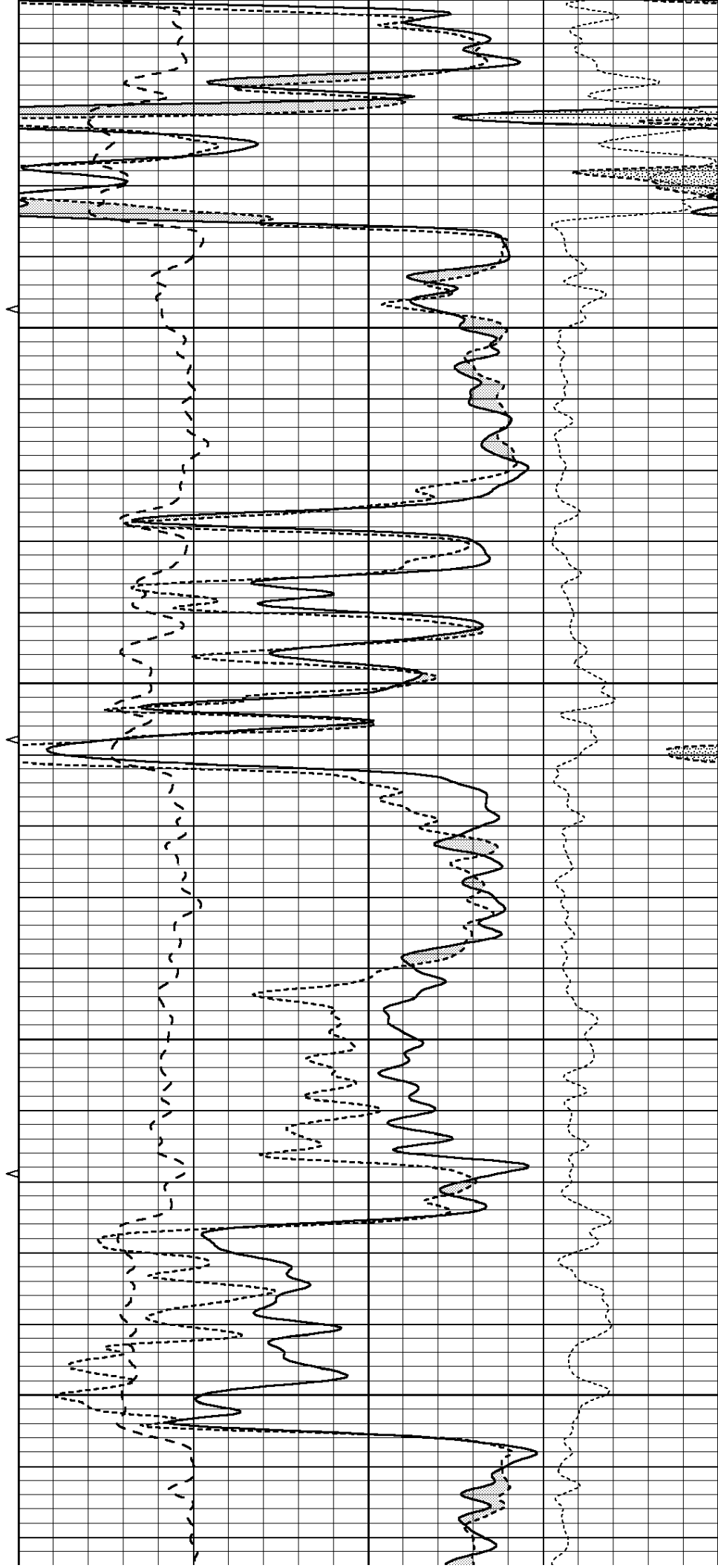


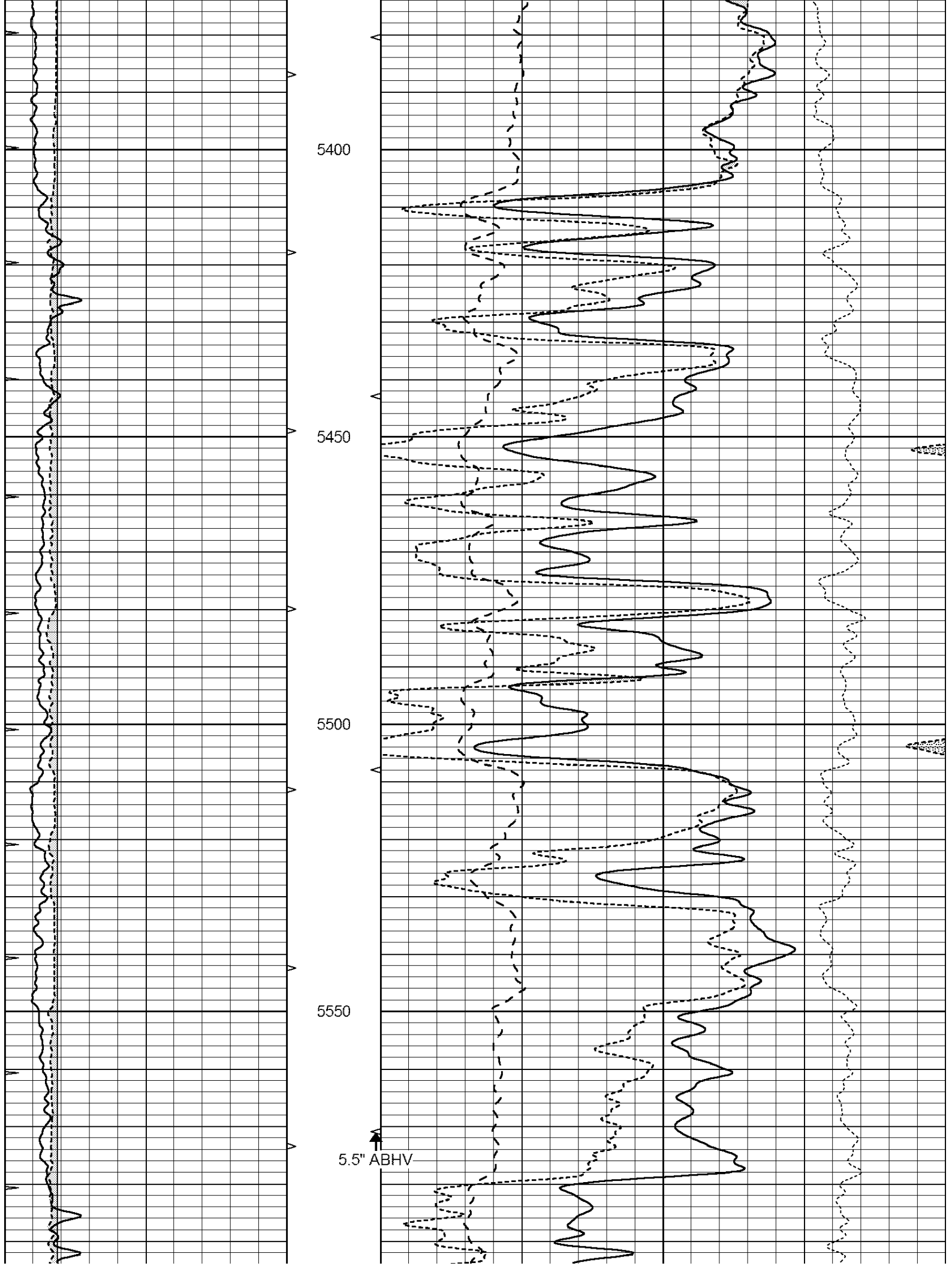
5200

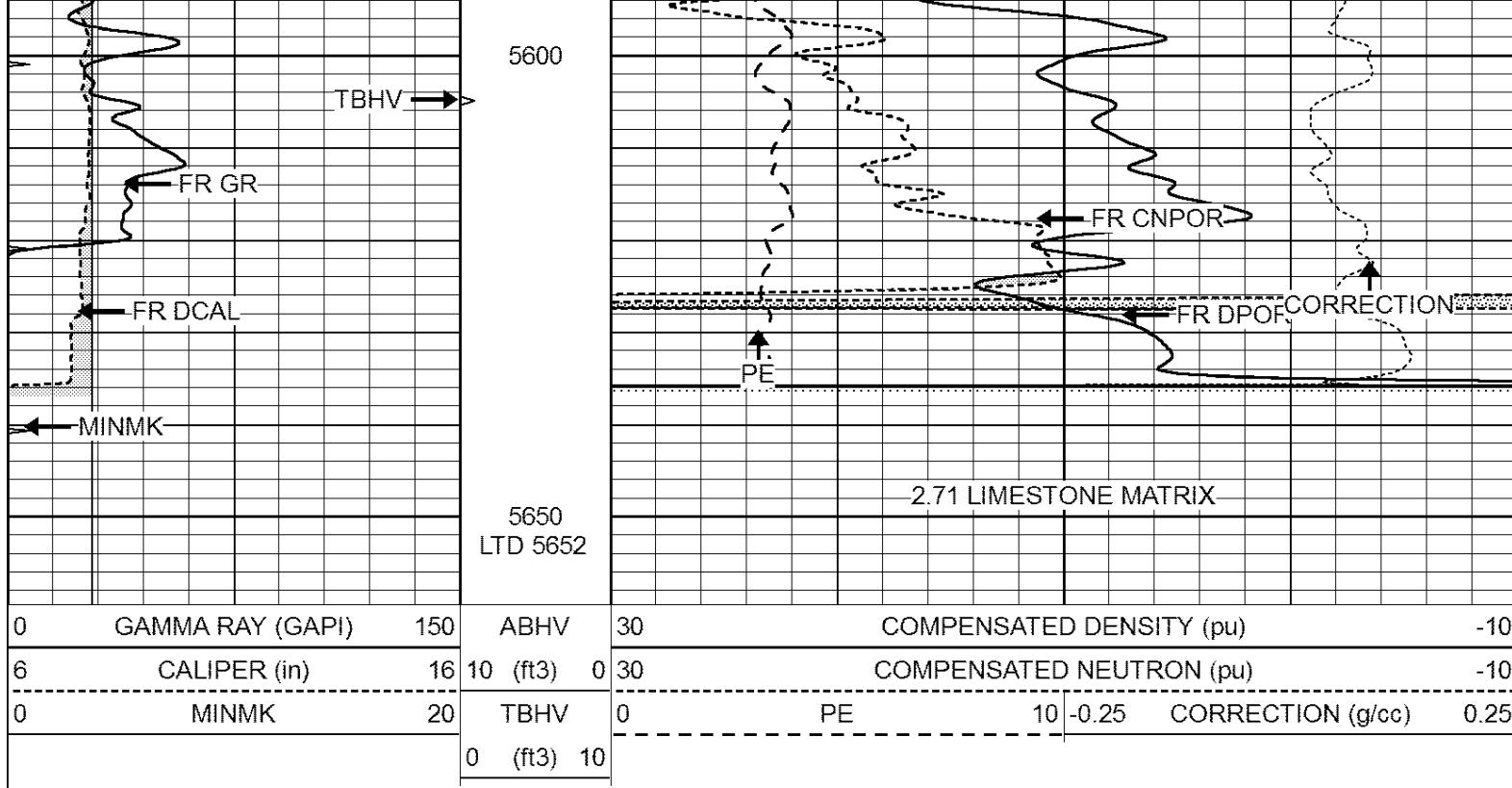
5250

5300

5350







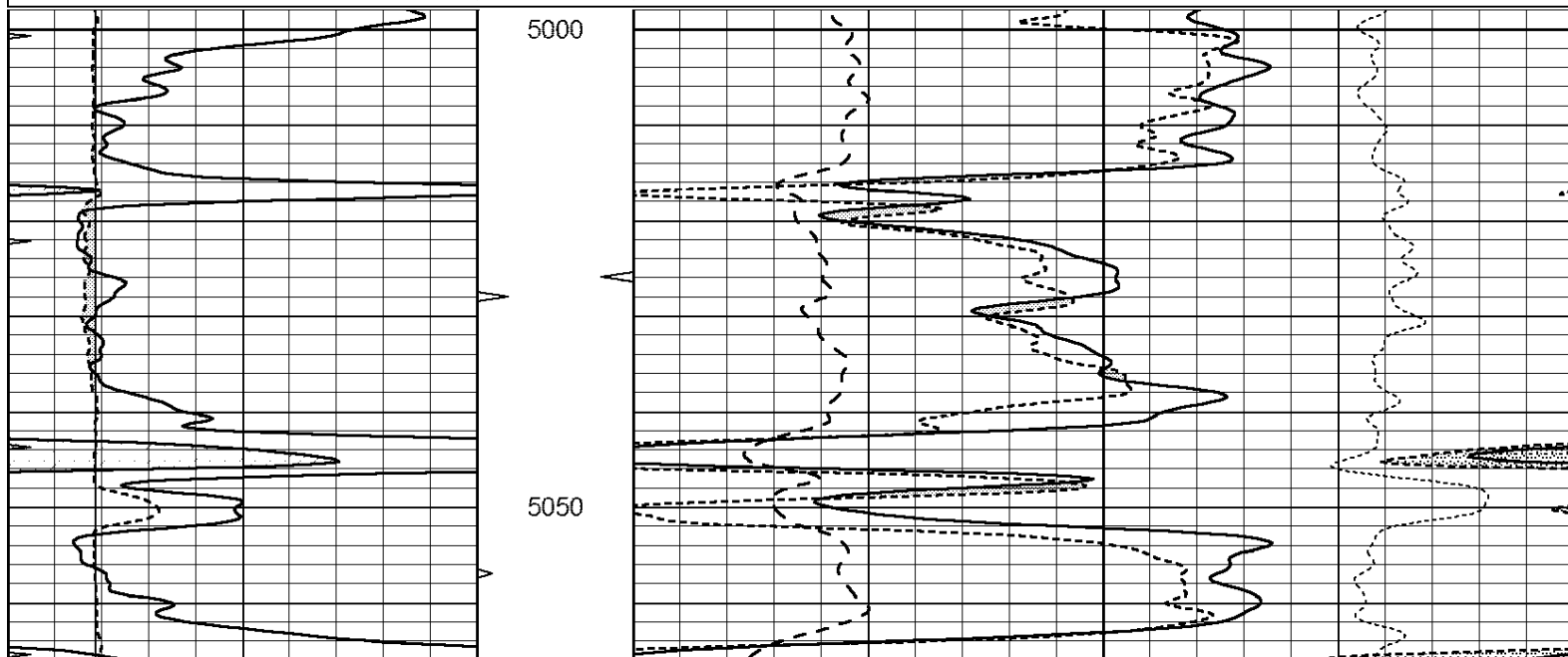
SUPERIOR
Hays,
Kansas

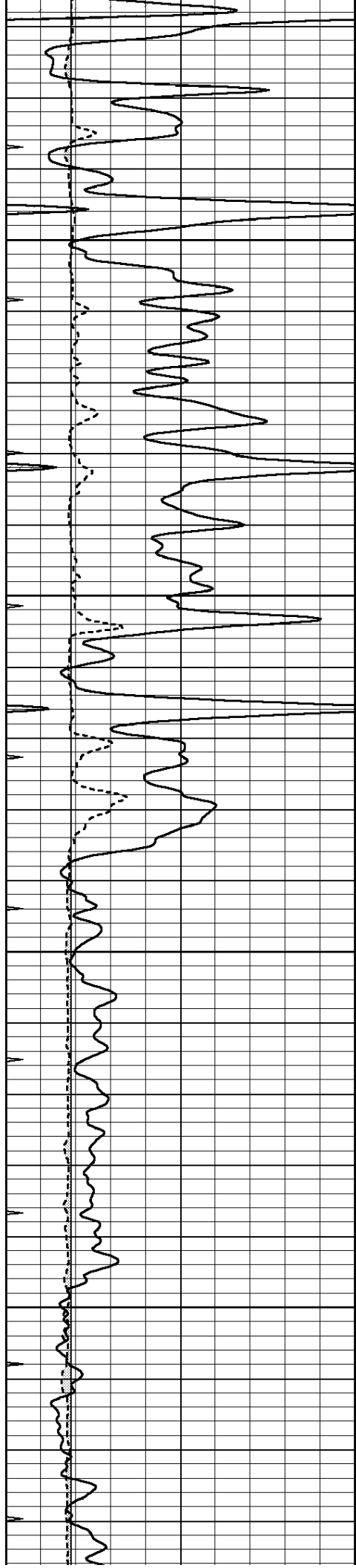
REPEAT SECTION

Database File: 008131pe.db
 Dataset Pathname: pass2.7
 Presentation Format: ldt_neu
 Dataset Creation: Mon Jan 02 00:24:38 2012
 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							



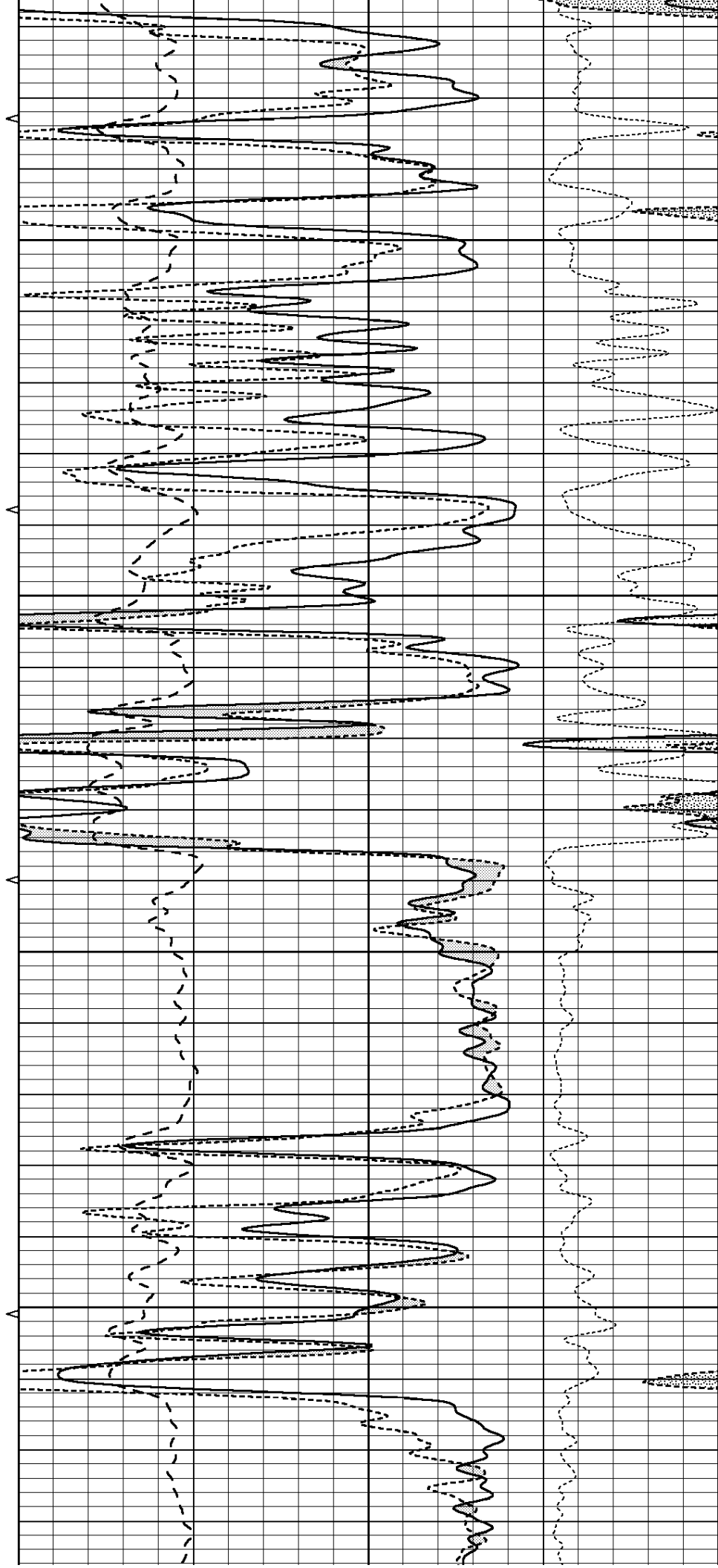


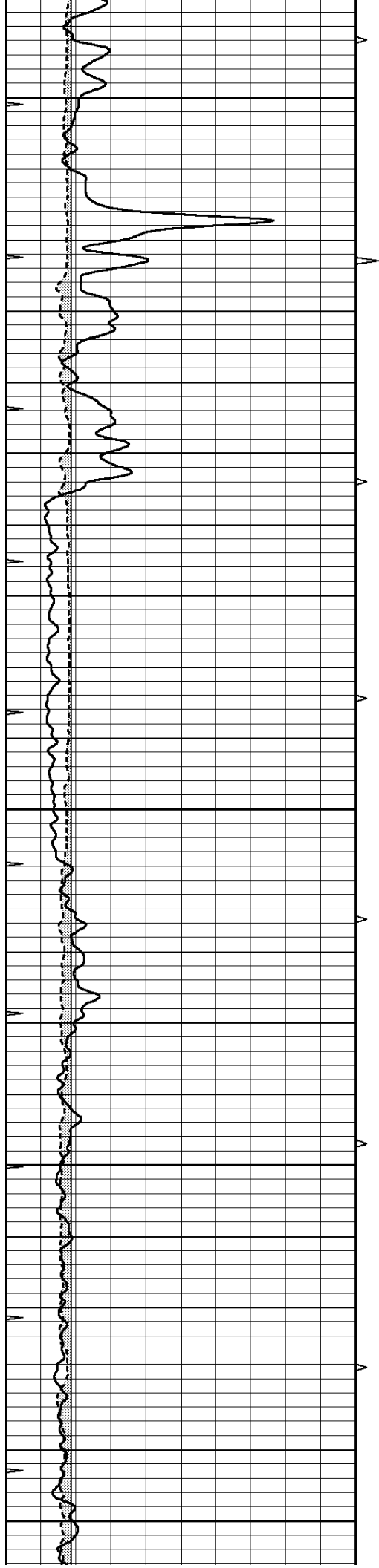
5100

5150

5200

5250





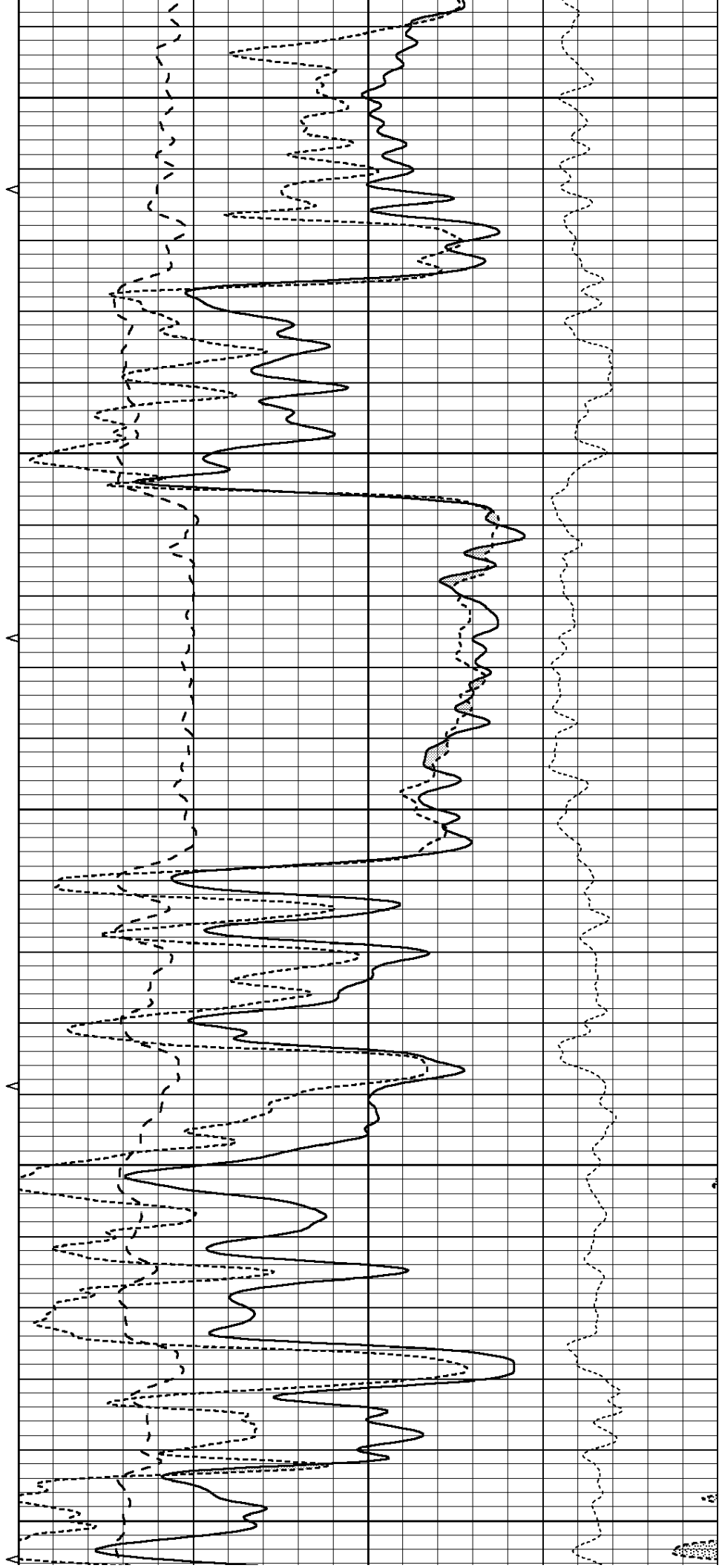
5300

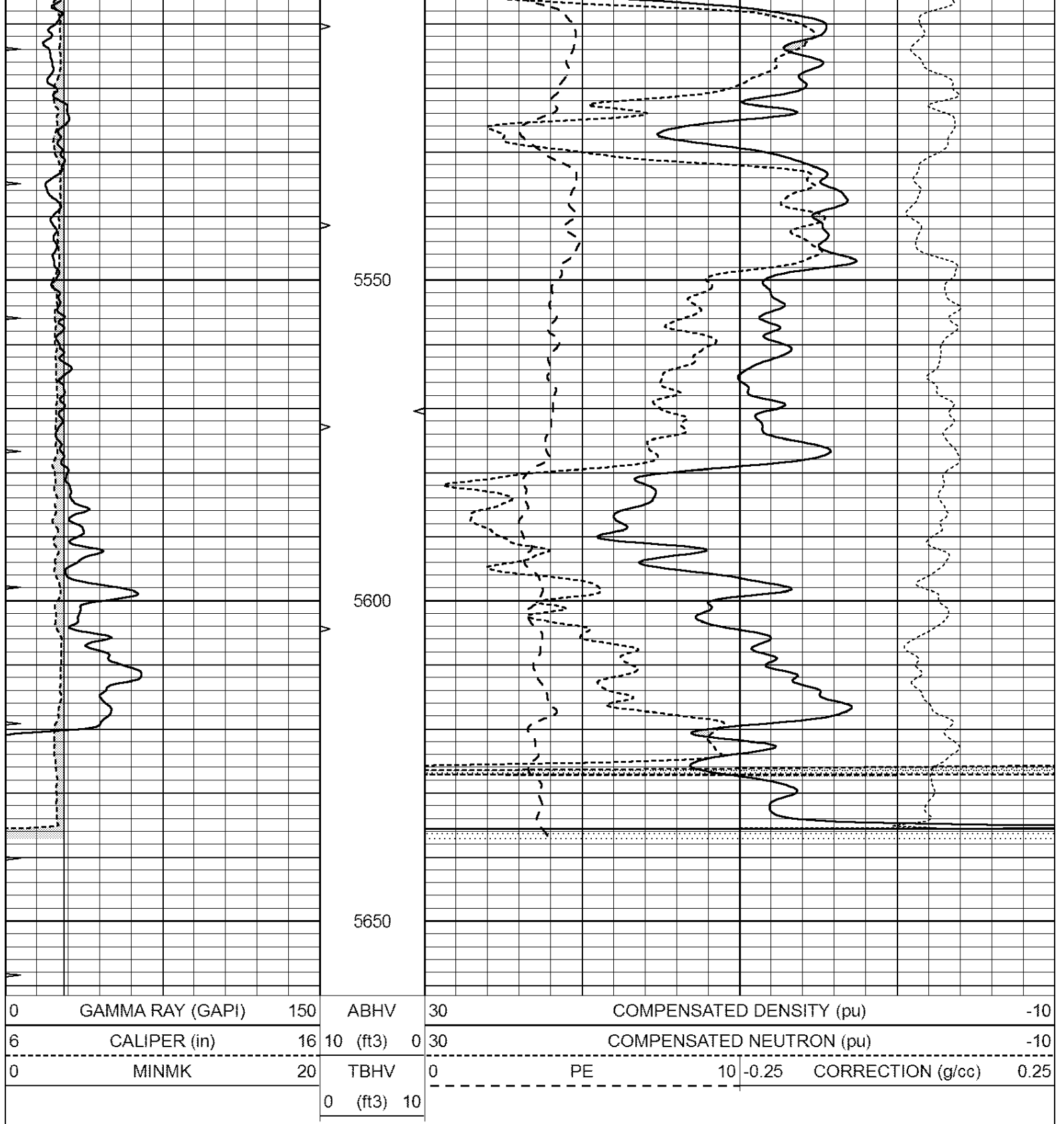
5350

5400

5450

5500





Calibration Report

Database File: 008131pe.db
Dataset Pathname: pass3.9
Dataset Creation: Mon Jan 02 02:12:10 2012

Dual Induction Calibration Report

Serial-Model: DIL4-GEAR
Performed: Sun Jan 01 19:26:37 2012

Readings

References

Results

Loop:	Air	Loop		Air	Loop		m	b
Deep	0.008	0.666	V	0.000	400.000	mmho/m	570.000	2.000
Medium	-0.003	0.769	V	0.000	462.500	mmho/m	560.000	3.000
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.013	0.651	V	0.000	400.000	mmho/m	627.541	-8.365
Medium	0.020	0.754	V	0.000	462.500	mmho/m	630.311	-12.549

Litho Density Calibration Report Serial: 006 Model: PRB Performed Sun Aug 15 09:48:41 2010								
---	--	--	--	--	--	--	--	--

Litho Density Calibration								
	Background	Magnesium		Aluminum		Sandstone		
Window 1	1686.6	11612.8		3932.0		12718.8		cps
Window 2	1531.4	9204.7		3267.8		9851.9		cps
Window 3	1198.3	4733.6		1952.5		4920.6		cps
Window 4	317.3	321.2		325.9		303.6		cps
Long Space	0.0	7673.3		1736.4		8320.4		cps
Short Space	1.7	2548.5		1657.2		2628.8		cps
Rho		1.7100		2.5900		1.3800		g/cc
Pe				2.5700		1.5500		
Rib Angle	: 43.8	Rib Slope	: 0.961	Density/Spine Ratio		: 0.569		
Spine Angle	: 73.8	Spine Slope	: 3.453	Spine Intercept		: -18.1		

Caliper	Readings	Reference						
Low Ref	4.0	8.3						
High Ref	5.9	15.0						
	Gain: 3.5			Offset: -5.5				

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:	Sun Jan 01 23:42:10 2012							
Calibrator Value:	1.0	GAPI						
Background Reading:	0.0	cps						
Calibrator Reading:	1.0	cps						
Sensitivity:	0.2600	GAPI/cps						