



**SUPERIOR
Hays,
Kansas**

**COMPENSATED
DENSITY/NEUTRON
PE LOG**

Company	VINCENT OIL CORPORATION		
Well	FRINK-REYNOLDS #1-33		
Field			
County	FORD	State	KANSAS
Location:	API # : 15-057-20663-0000		Other Services
2660 FNL & 2310' FEL		DIL MEL/SON	
SEC 33 TWP 28S RGE 23W		Elevation	
Permanent Datum	GROUND LEVEL	Elevation	2477
Log Measured From	KELLY BUSHING 12' A.G.L.		K.B. 2489 D.F. 2487 G.L. 2477
Drilling Measured From	KELLY BUSHING		
Date	1/27/10		
Run Number	CNE		
Depth Driller	5670		
Depth Logger	5671		
Bottom Logged Interval	5647		
Top Log Interval	4100		
Casing Driller	8 5/8" @ 606		
Casing Logger	602		
Bit Size	7 7/8		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 11600 PPM	
Density / Viscosity	9.5/61		
pH / Fluid Loss	10.5/13.2		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	0.52 @ 63F		
Rmf @ Meas. Temp	0.39 @ 63F		
Rmc @ Meas. Temp	0.62 @ 63F		
Source of Rmf / Rmc	MEASURED		
Rm @ BHT	0.25 @ 131F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom			
Maximum Recorded Temperature	131F		
Equipment Number	680		
Location	HAYS, KS.		
Recorded By	JEFF GRONEWEG		
Witnessed By	KEN LEBLANC		

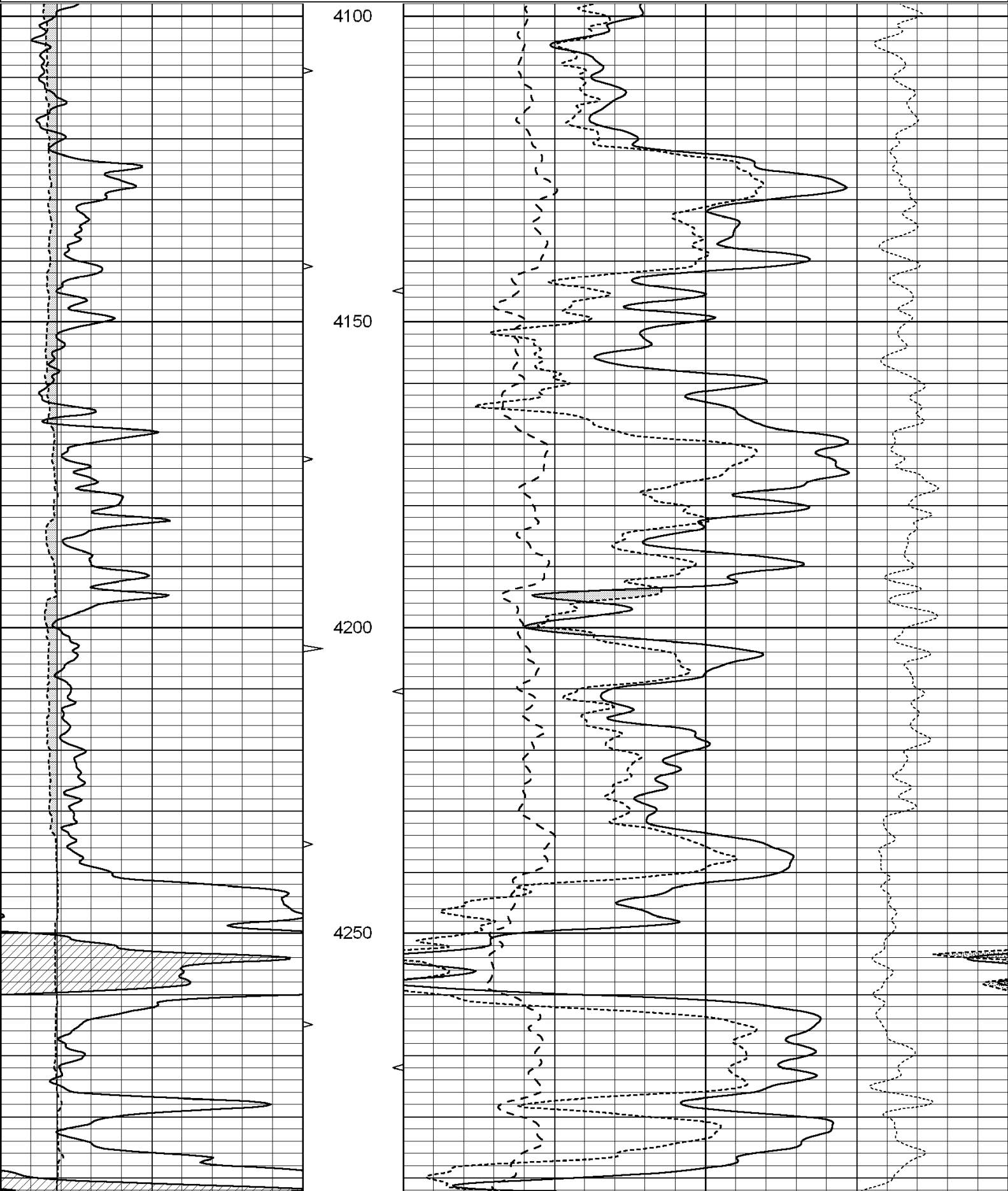
<<< Fold Here >>>

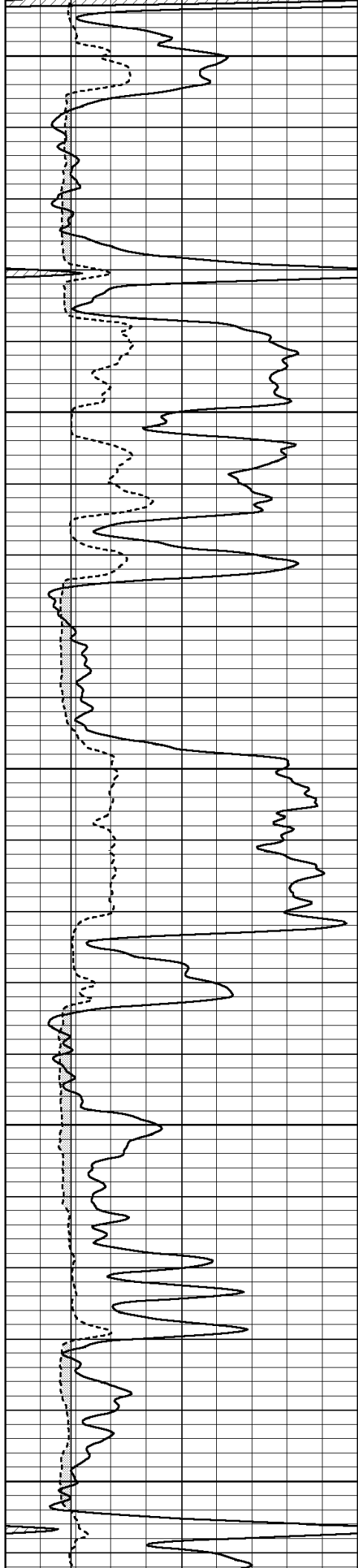
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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 (785) 628-6395
DIRECTIONS
FORD, KS - SOUTH ON RD 125 TO WILBURN RD - 5 MILES WEST TO RD 120
1/2 MILE NORTH - EAST INTO

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





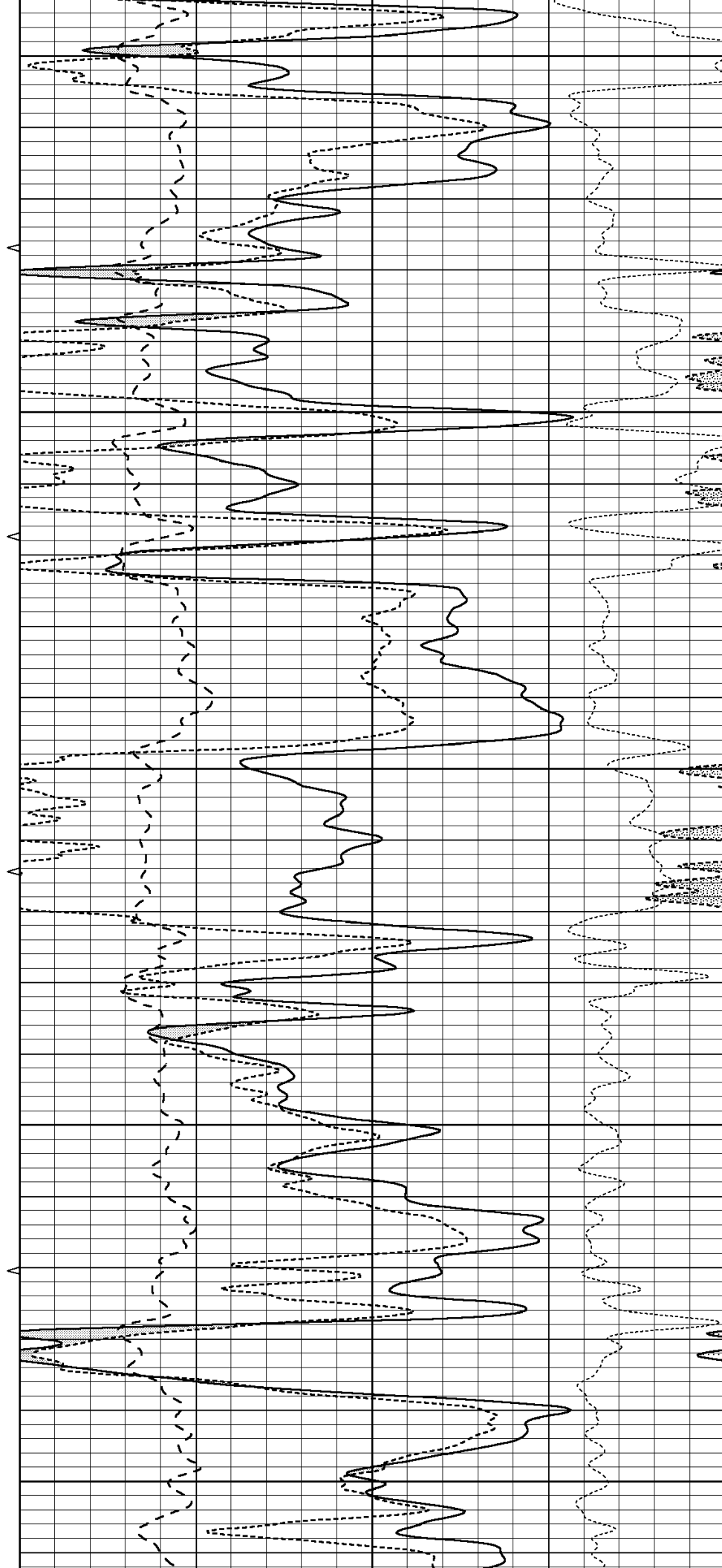
4300

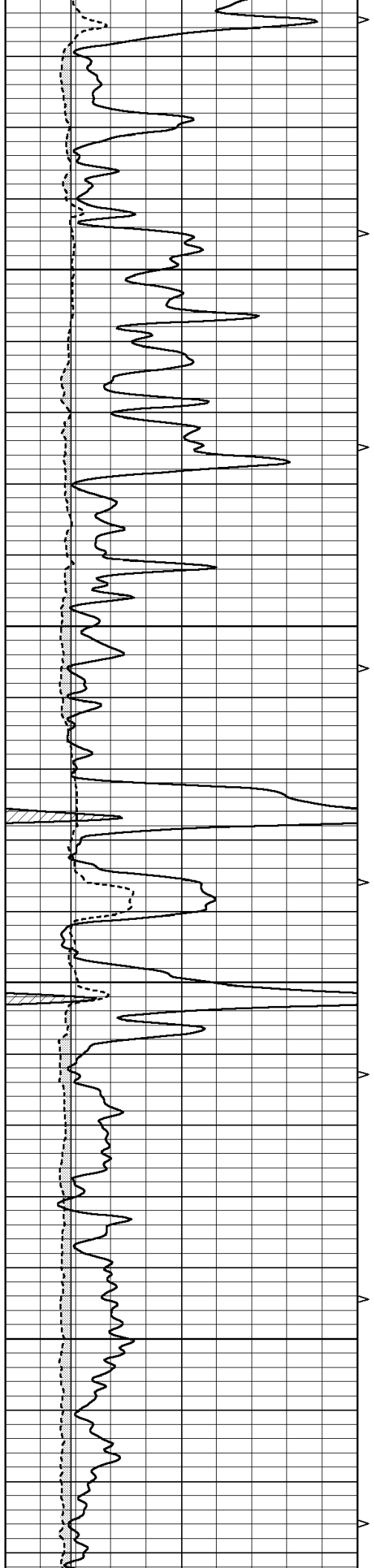
4350

4400

4450

4500



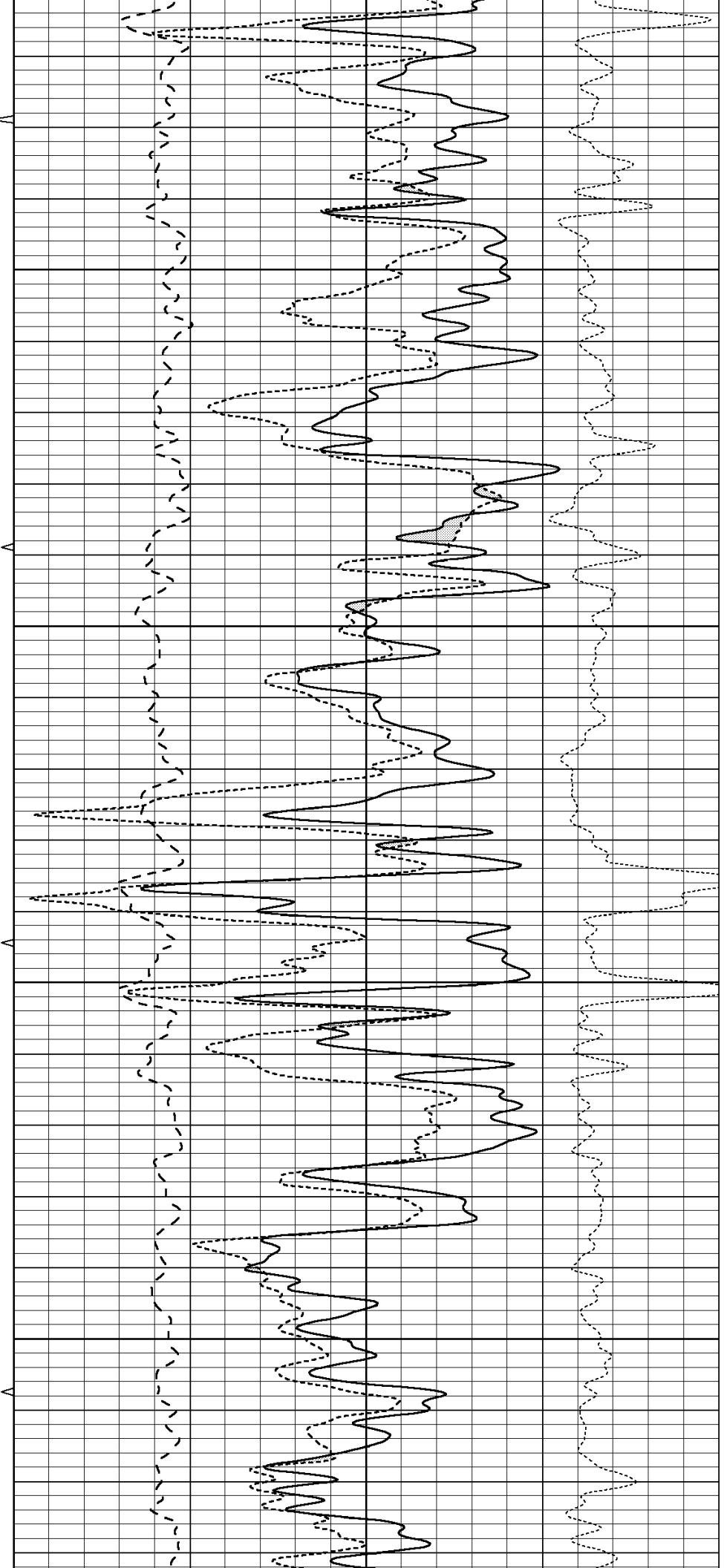


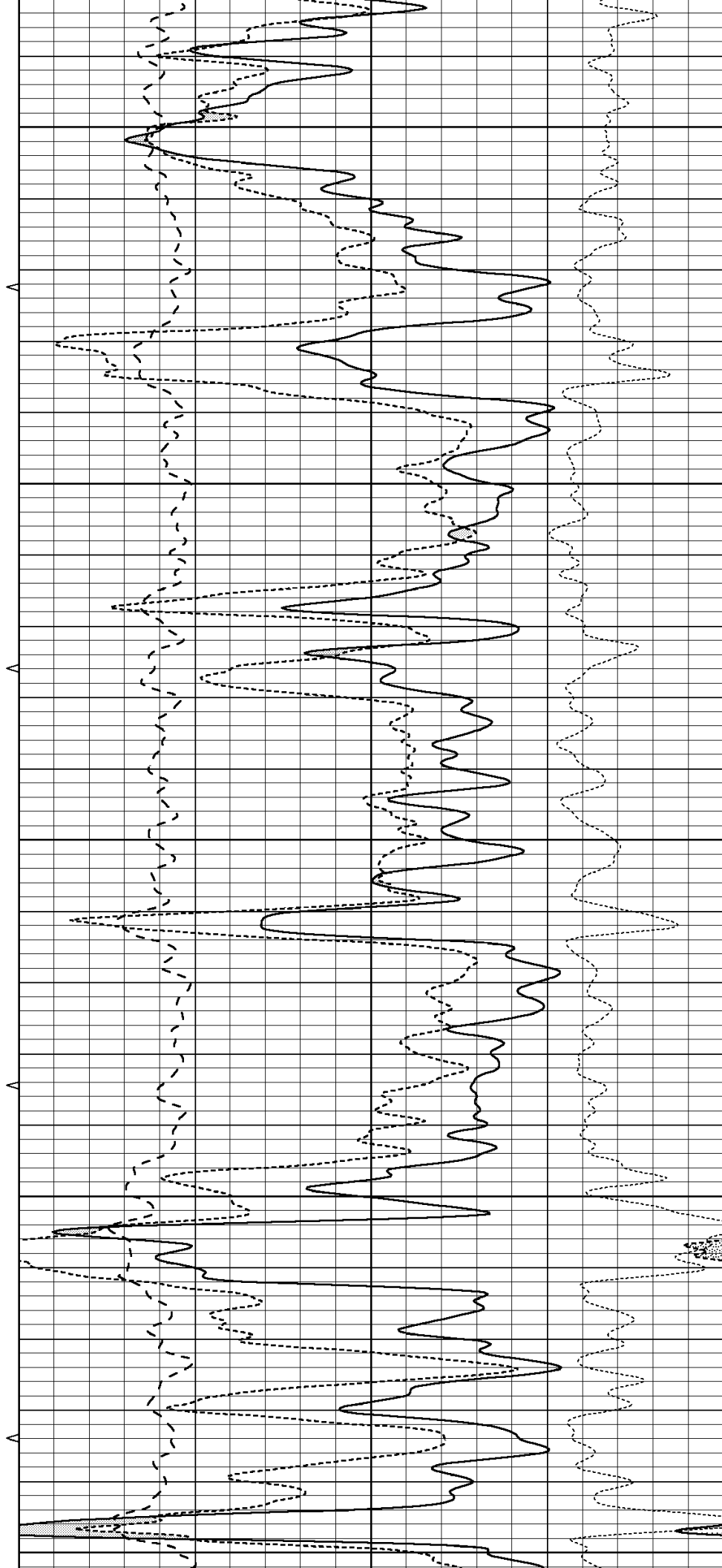
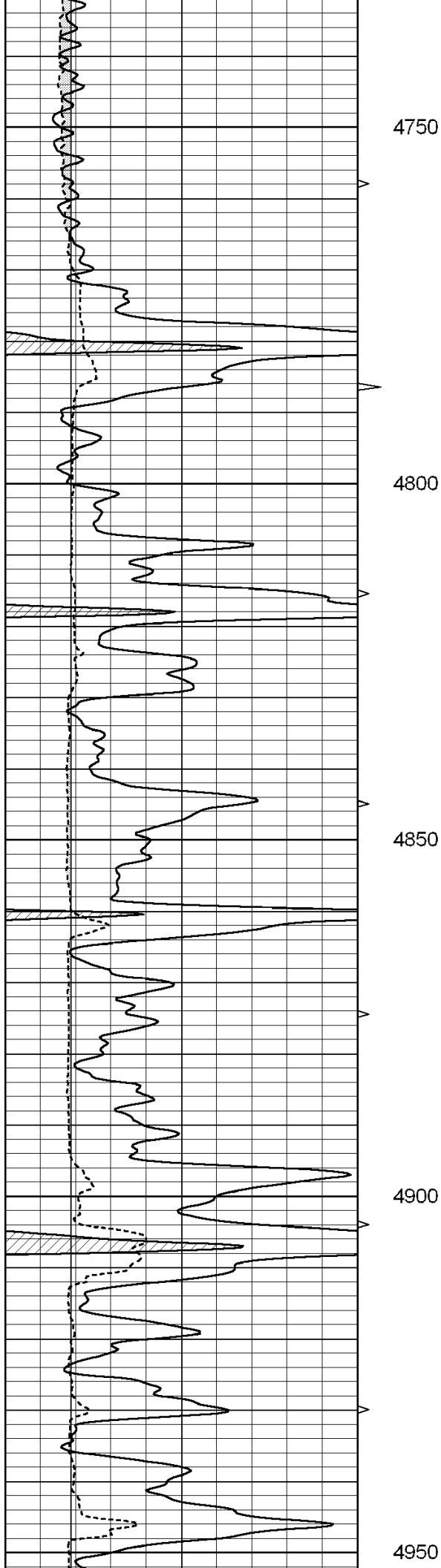
4550

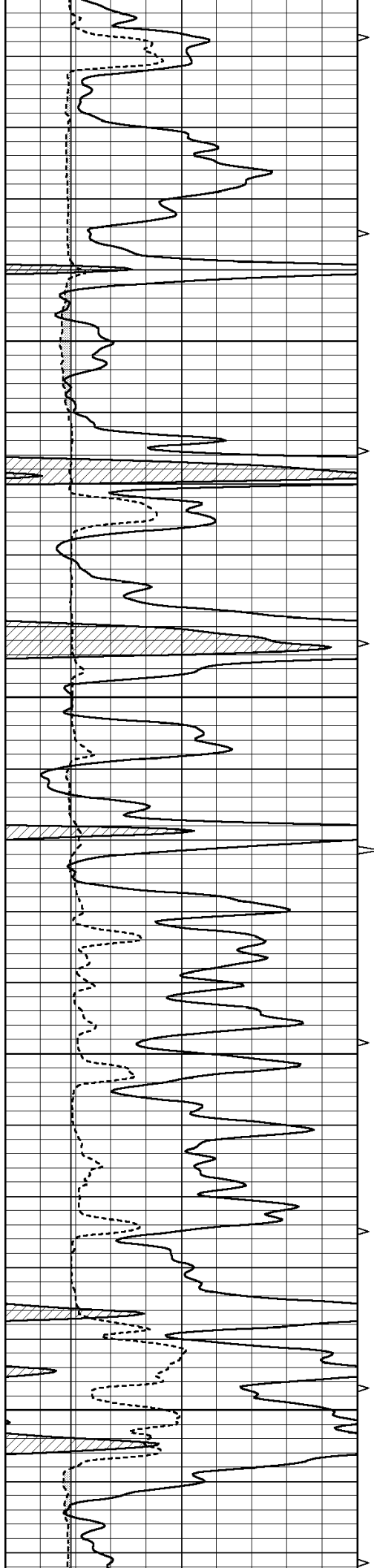
4600

4650

4700





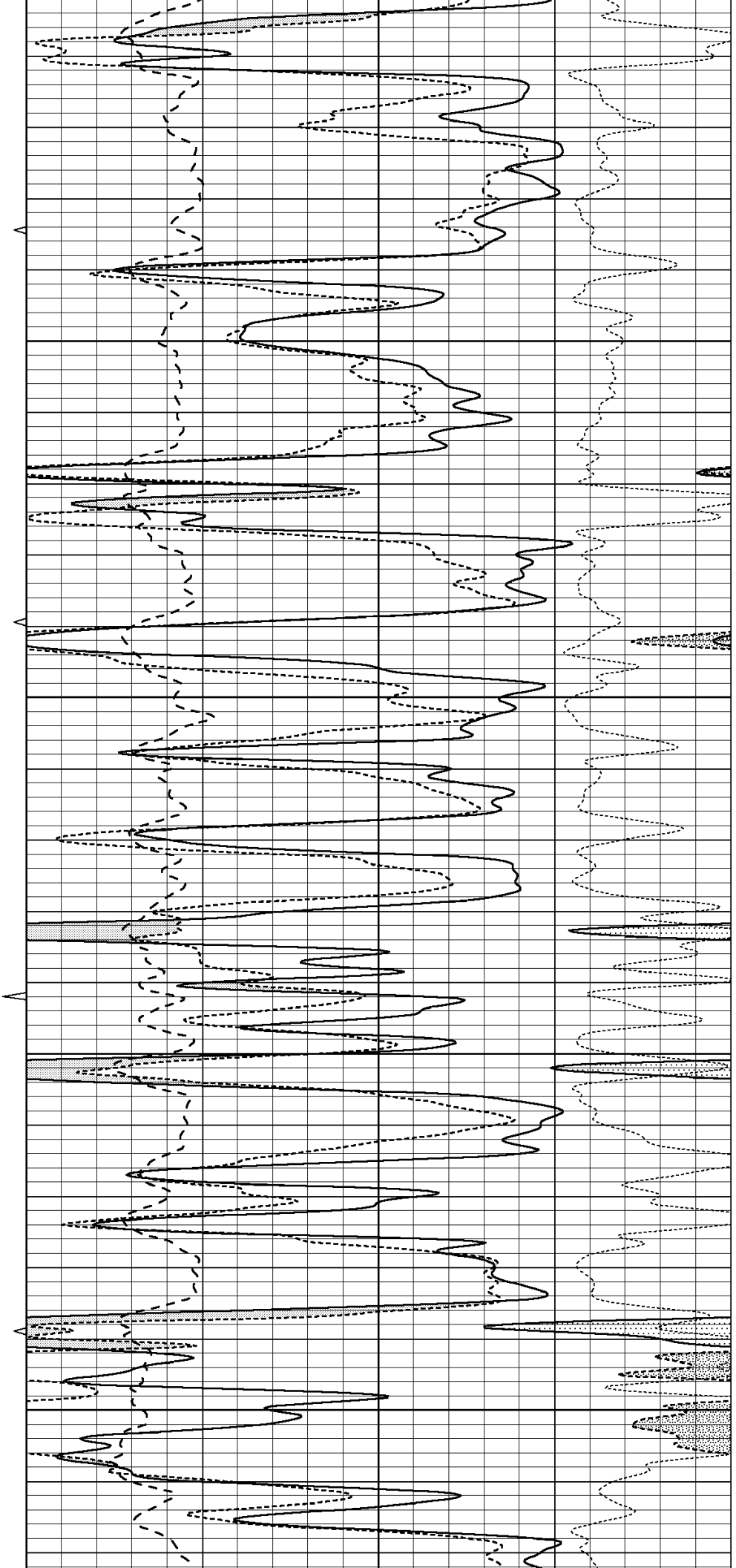


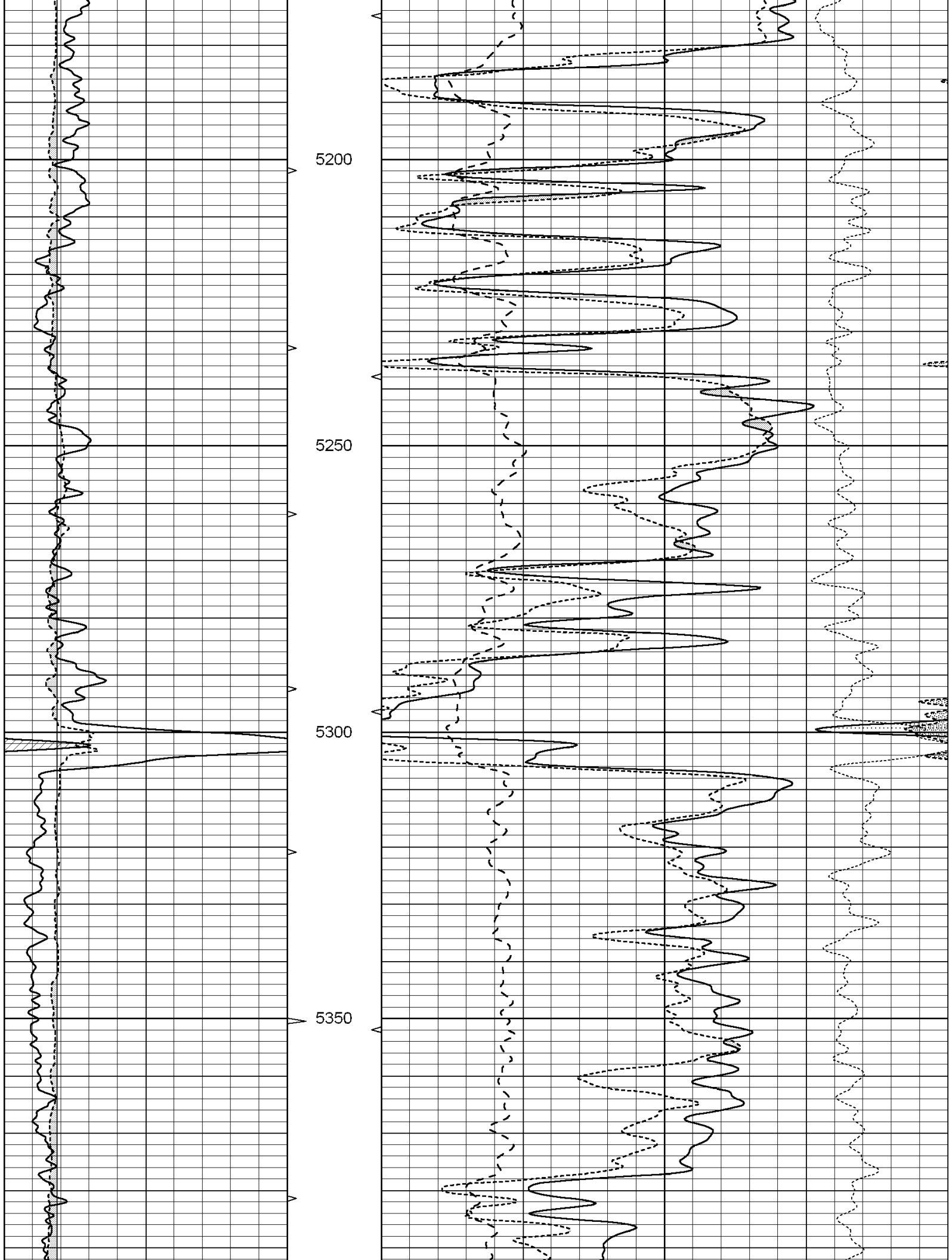
5000

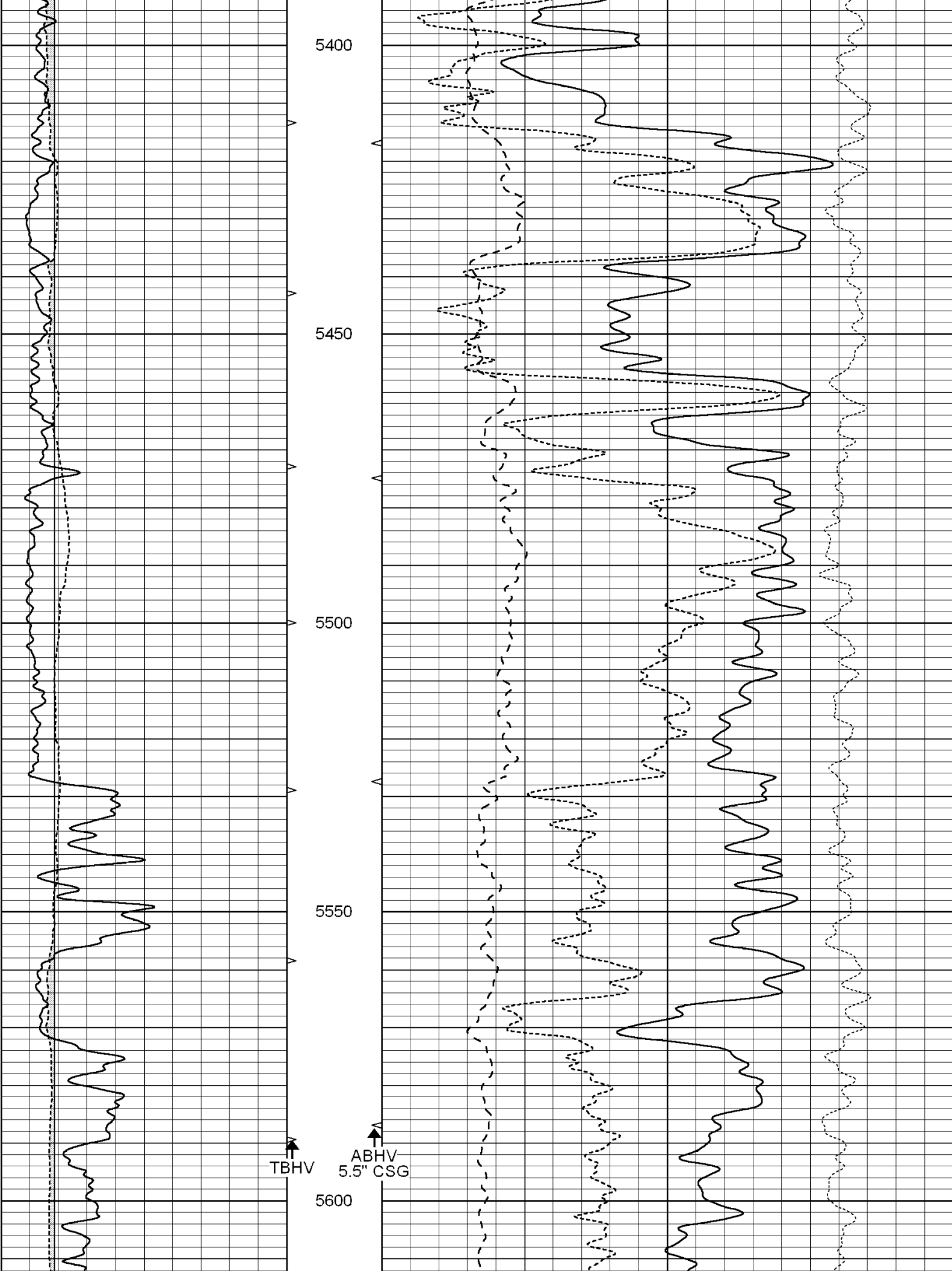
5050

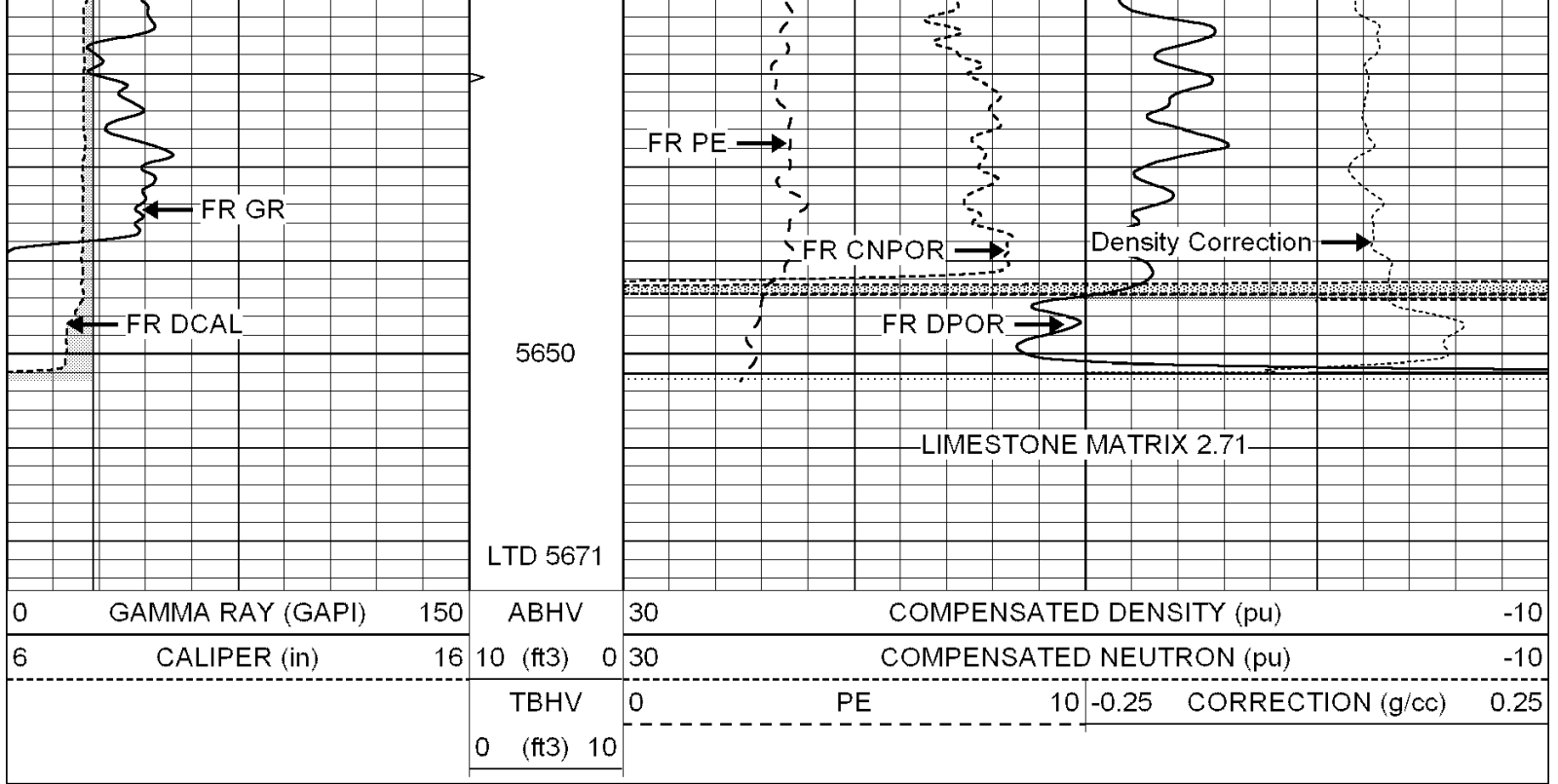
5100

5150







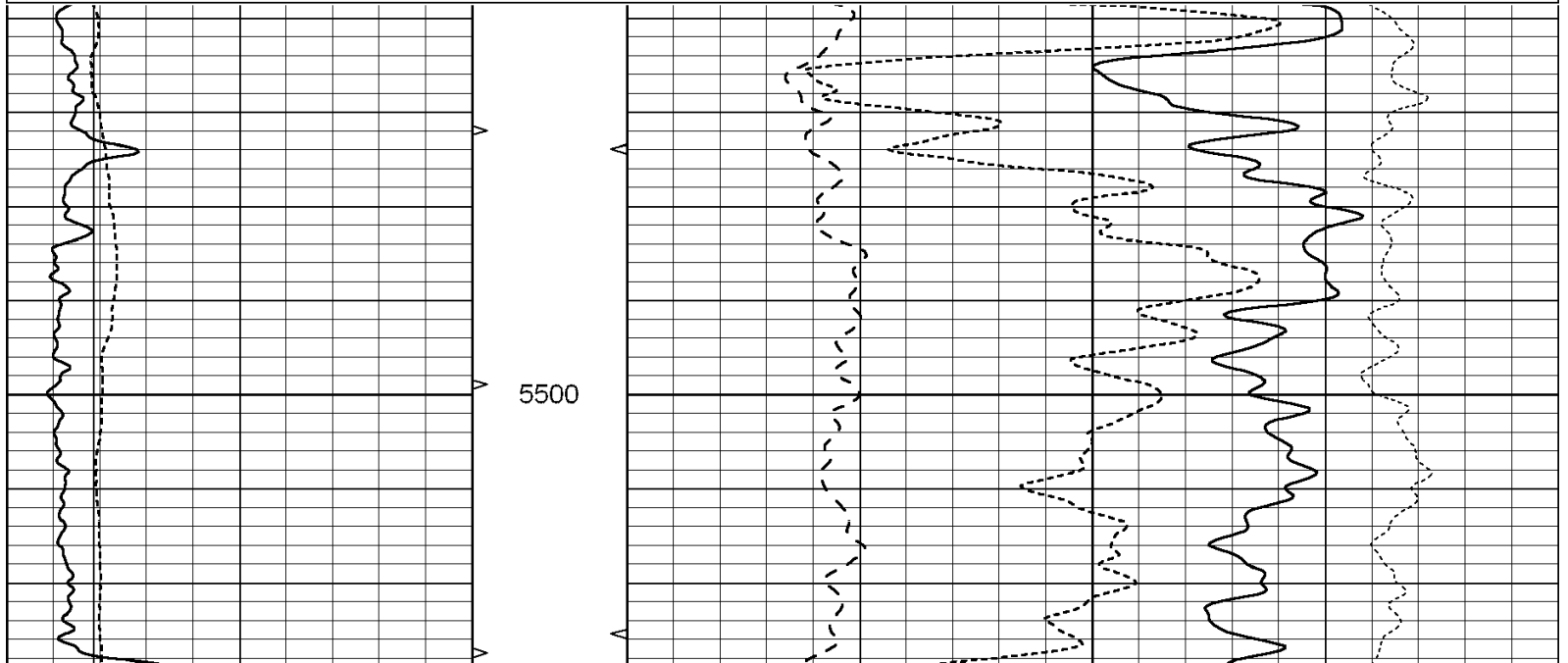


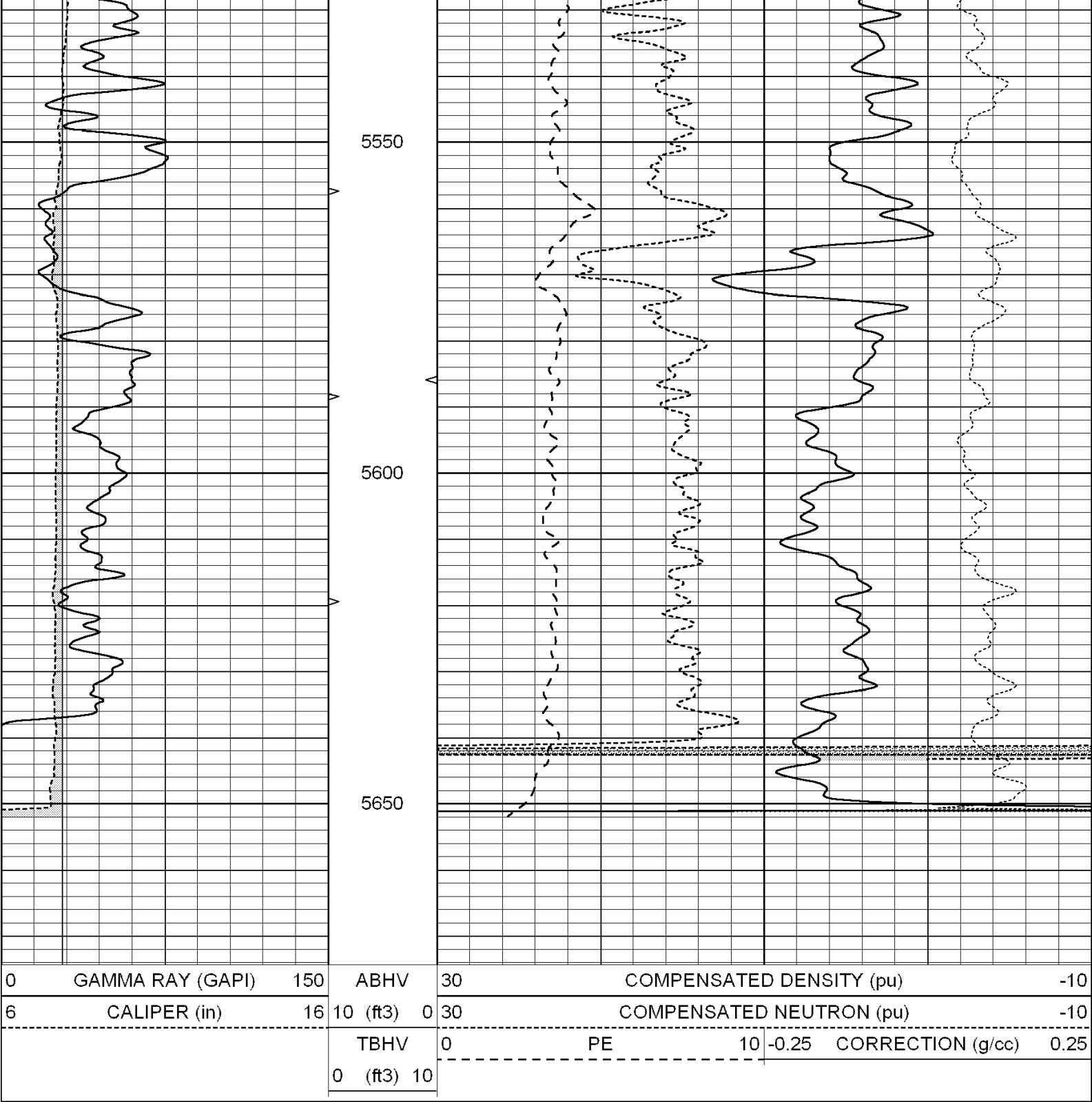
SUPERIOR
Hays,
Kansas

REPEAT SECTION

Database File: 004854pe.db
 Dataset Pathname: pass2.5
 Presentation Format: _ldt_neu
 Dataset Creation: Wed Jan 27 23:58:55 2010 by Calc Open-Cased 090629
 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
			TBHV	0	PE	10 -0.25 CORRECTION (g/cc) 0.25
			0 (ft3) 10			





Calibration Report

Database File: 004854pe.db
Dataset Pathname: pass3.2
Dataset Creation: Wed Jan 27 21:36:13 2010 by Calc Open-Cased 090629

Dual Induction Calibration Report

Serial-Model: PROBE8-DILG
Surface Cal Performed: Fri Aug 01 06:33:19 2008
Downhole Cal Performed: Mon Jul 28 11:08:27 2008
After Survey Verification Performed: Mon Jul 28 11:08:27 2008

Loop:	Air	Loop		Air	Loop		m	b
Deep	0.015	0.648	V	0.000	400.000	mmho/m	632.616	-9.730
Medium	0.029	0.796	V	0.000	464.000	mmho/m	605.049	-17.680
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.017	0.657	V	0.000	400.000	mmho/m	625.153	-10.619
Medium	0.016	0.757	V	0.000	464.000	mmho/m	625.992	-9.739

Downhole Calibration								
Readings			References			Results		
	Zero	Cal		Zero	Cal		m'	b'
Deep	0.000	0.000	mmho/m	2.011	405.777	mmho/m	1.000	0.000
Medium	0.000	0.000	mmho/m	7.590	503.393	mmho/m	1.000	0.000
LL3		7.500	V		1500.000	Ohm-m		
		0.000	V		20.000	Ohm-m		
		-6.500	V		3800.000	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: 002 Model: PRB								
Performed Mon Oct 29 15:40:49 2007								

Litho Density Calibration								
	Background		Magnesium		Aluminum		Sandstone	
Window 1	1056.3		9118.0		2809.7		10378.4	
Window 2	969.9		7671.9		2431.6		8565.8	
Window 3	683.8		2939.8		1161.0		3161.8	
Window 4	231.4		231.6		226.7		230.8	
Long Space	0.0		6702.0		1461.7		7595.9	
Short Space	1.2		1433.6		959.4		1568.6	
Rho			1.7100		2.5900		1.3800	
Pe					2.5700		1.5500	
Rib Angle	: 45.2		Rib Slope	: 1.008		Density/Spine Ratio	: 0.559	
Spine Angle	: 75.2		Spine Slope	: 3.791		Spine Intercept	: -18.7	

Caliper	Readings		Reference					
Low Ref	3.1		8.0					
High Ref	5.4		14.0					
	Gain: 2.5				Offset: 1.1			

Compensated Neutron Calibration Report								
--	--	--	--	--	--	--	--	--

Serial Number:			5I					
Tool Model:			G					

CALIBRATION								
Detector			Readings		Target		Normalization	

Short Space	1.00	cps	1.00	cps	1.0000
Long Space	1.00	cps	1.00	cps	1.0000
Gamma Ray Calibration Report					
Serial Number:	GR6				
Tool Model:	OPEN				
Performed:	Tue Nov 10 08:32:36 2009				
Calibrator Value:	150.0	GAPI			
Background Reading:	0.0	cps			
Calibrator Reading:	276.0	cps			
Sensitivity:	0.5535	GAPI/cps			