



COMPENSATED DENSITY/NEUTRON PE/LOG

Company	DNR OIL AND GAS, INC.	
Well	ZUEGE #13-23	
Field	UNNAMED	
County	CHEYENNE	State KANSAS
Location:	API # : 15-023-21511-0000	
SEC 23 TWP 1S RGE 41W	2065' FSL & 165' FWL	
Permanent Datum	GROUND LEVEL	Elevation 3578
Log Measured From	KELLY BUSHING 5' A.G.L.	
Drilling Measured From	KELLY BUSHING	
Other Services	DIL/MEL	SON
Elevation	K.B. 3583 D.F. 3581 G.L. 3578	
Date	5/11/19	
Run Number	ONE	
Depth Driller	5430	
Depth Logger	5433	
Bottom Logged Interval	5413	
Top Log Interval	4000	
Casing Driller	8 5/8" @ 302	
Casing Logger	302	
Bit Size	7 7/8"	
Type Fluid in Hole	CHEMICAL MUD	
Density / Viscosity	9.2/55	
pH / Fluid Loss	10.5/6.4	
Source of Sample	FLOWLINE	
Rm @ Meas. Temp	1.4 @ 59F	
Rmt @ Meas. Temp	1.05 @ 59F	
Rmc @ Meas. Temp	1.68 @ 59F	
Source of Rmt / Rmc	MEASURED	
Rm @ BHT	.64 @ 129F	
Time Circulation Stopped	2 HOURS	
Time Logger on Bottom	///	
Maximum Recorded Temperature	129F	
Equipment Number	1523	
Location	HAYS, KANSAS	
Recorded By	GUS PFANENSTIEL	
Witnessed By	TIM LAUER	

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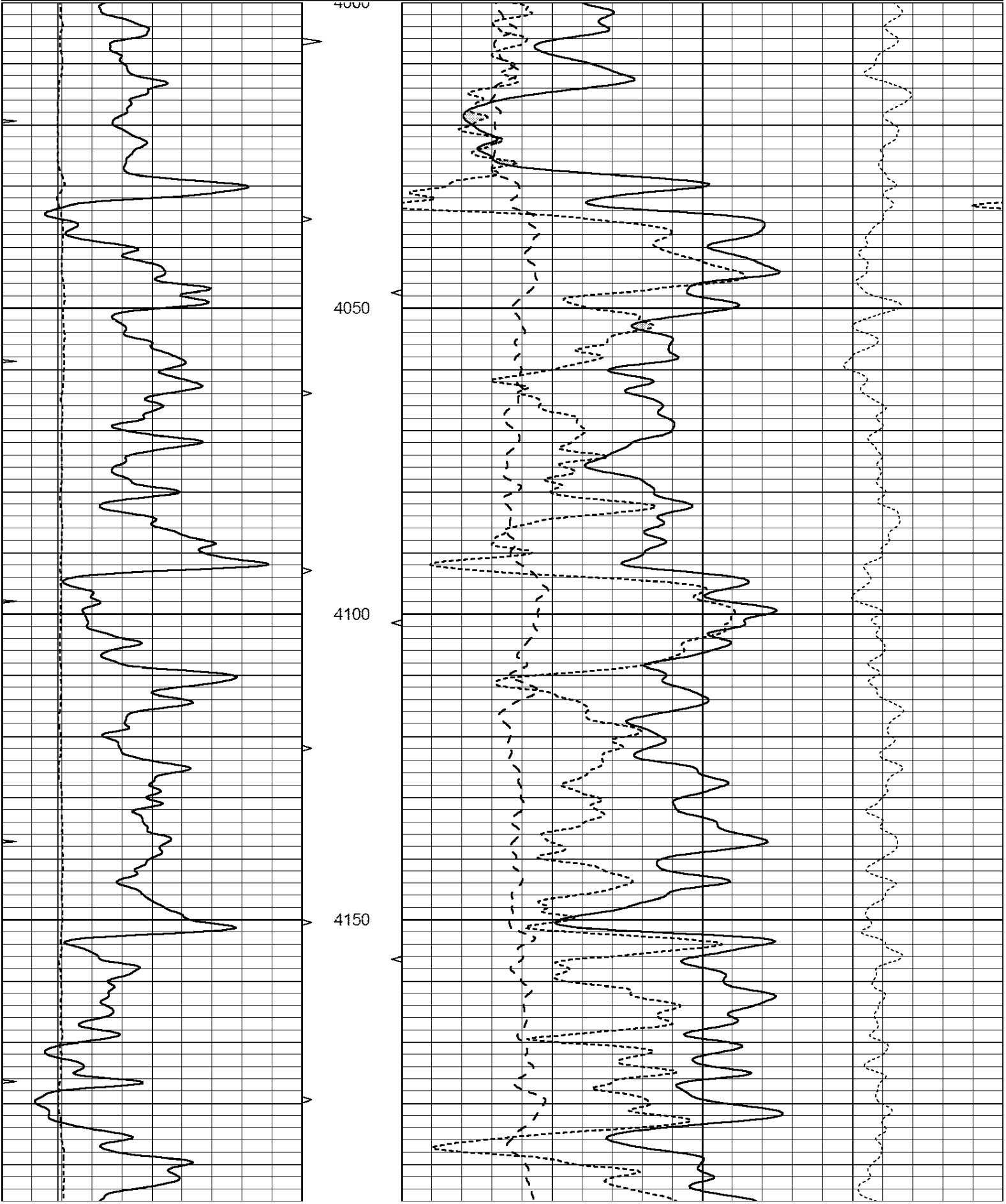
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

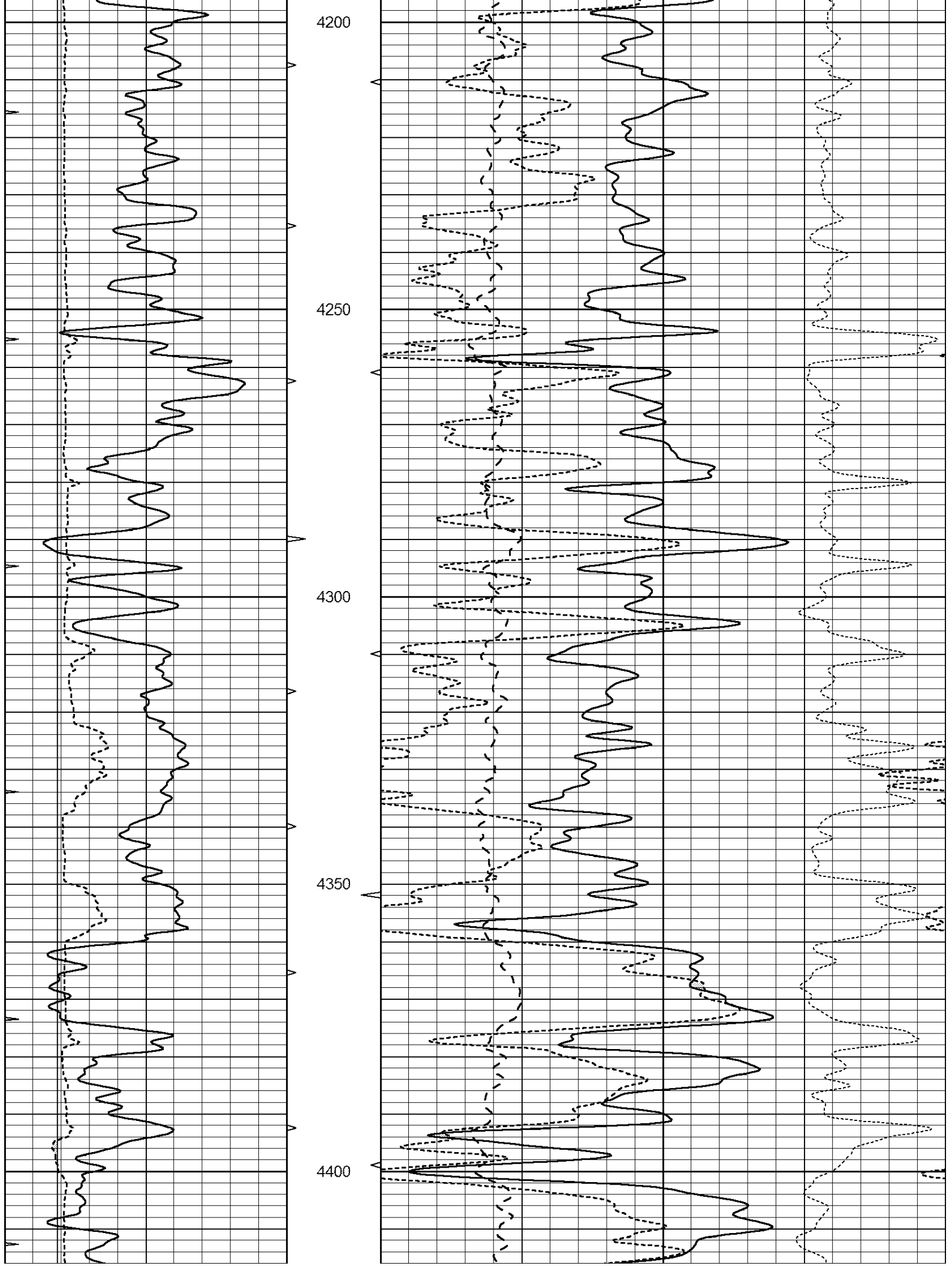
Comments

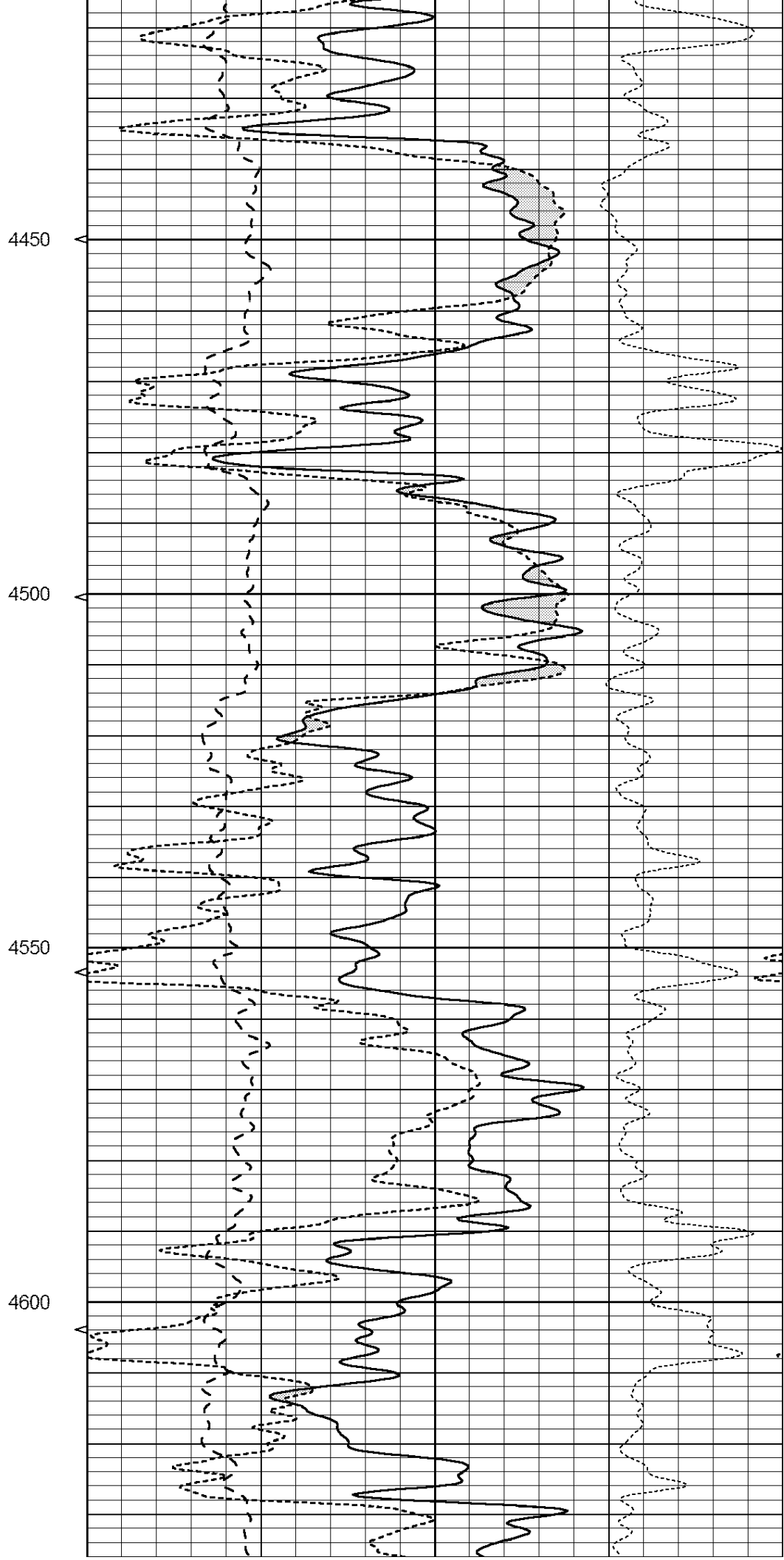
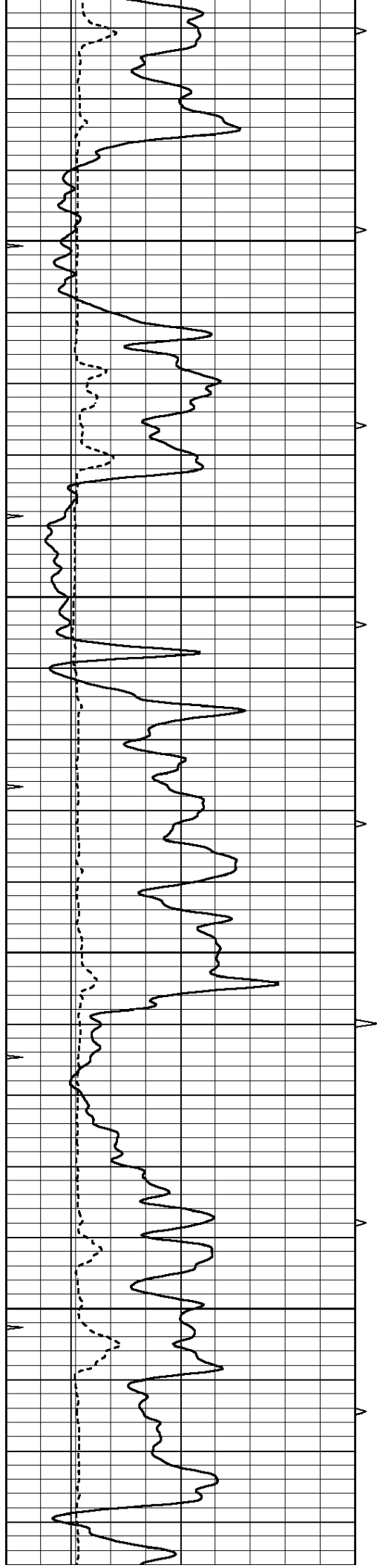
THANK YOU FOR USING ELI WIRELINE, HAYS, KS. (785) 628-6395

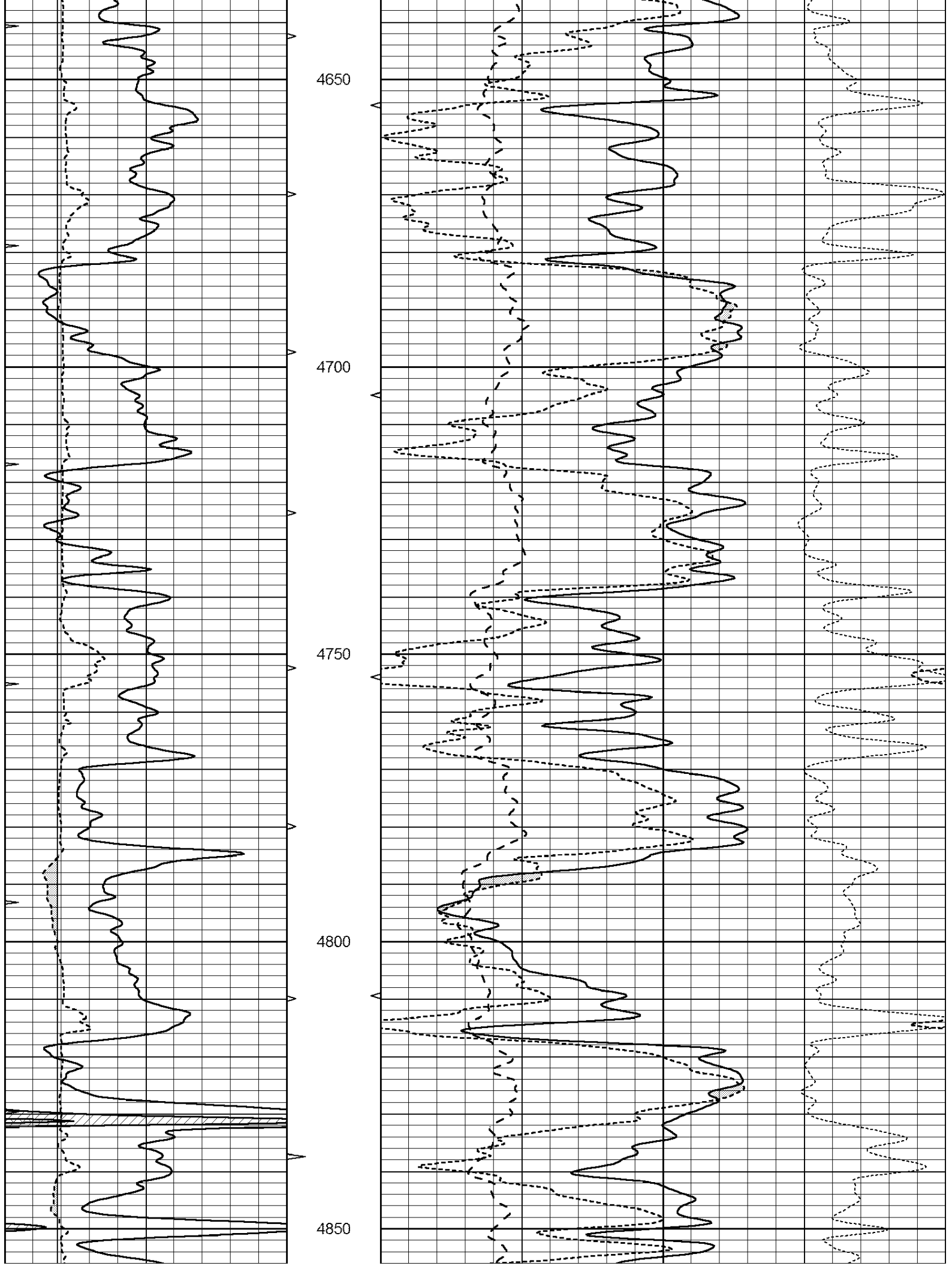
DIRECTIONS
ST. FRANCIS 2 W, 6N, 5W, 6N TO MM 22,
2 E, 1/3 N, E INTO

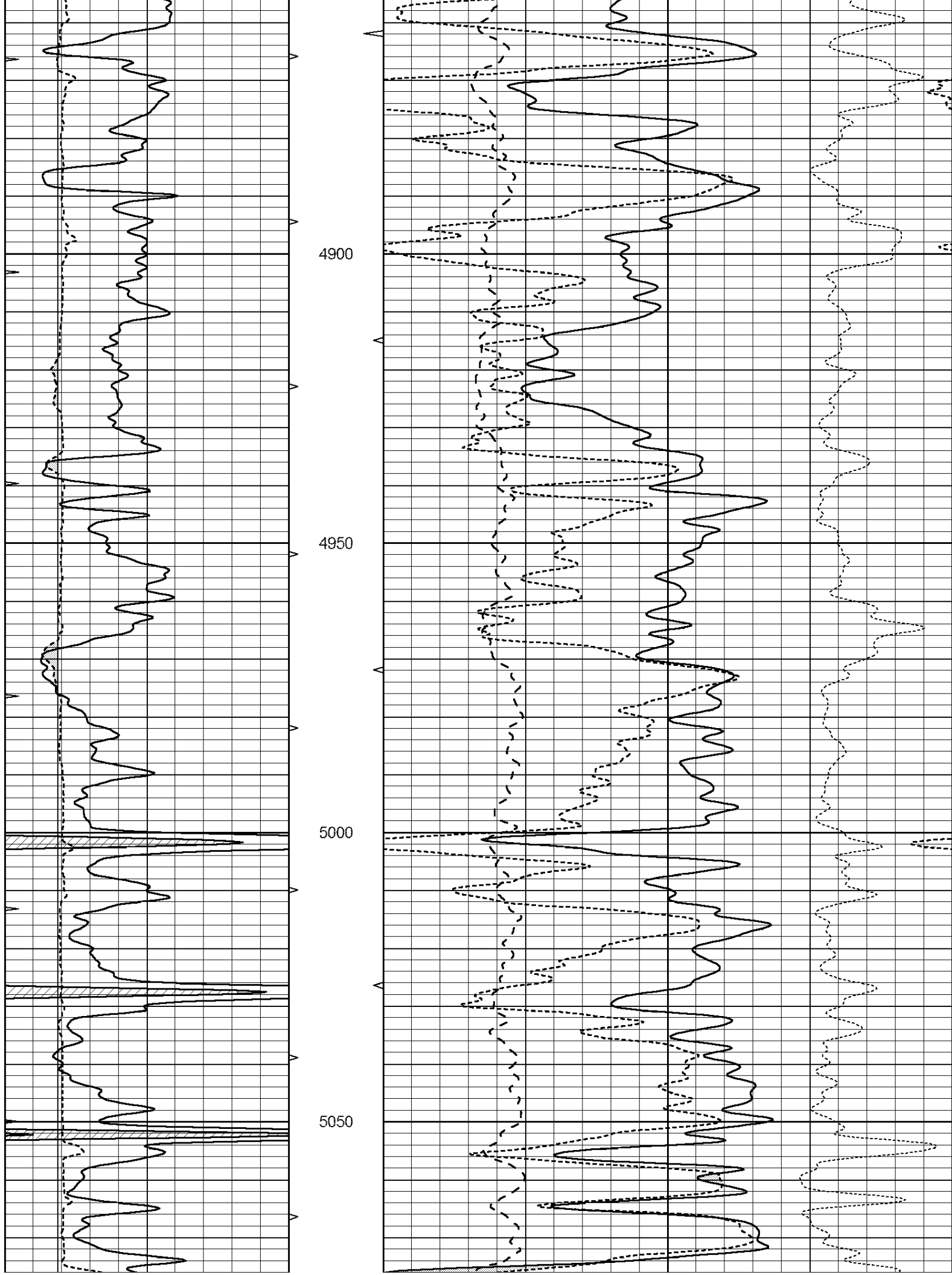
Charted by: _____			Depth in Feet scaled 1:2.10						
0	GAMMA RAY (GAPI)	150	ABHV	30	COMPENSATED DENSITY (pu)		-10		
6	CALIPER (in)	16		10 (ft3) 0	30	COMPENSATED NEUTRON (pu)		-10	
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0	MINMK	20	TBHV	0	PE	10	-0.25	CORRECTION (g/cc)	0.25
			0 (ft3) 10	-----					

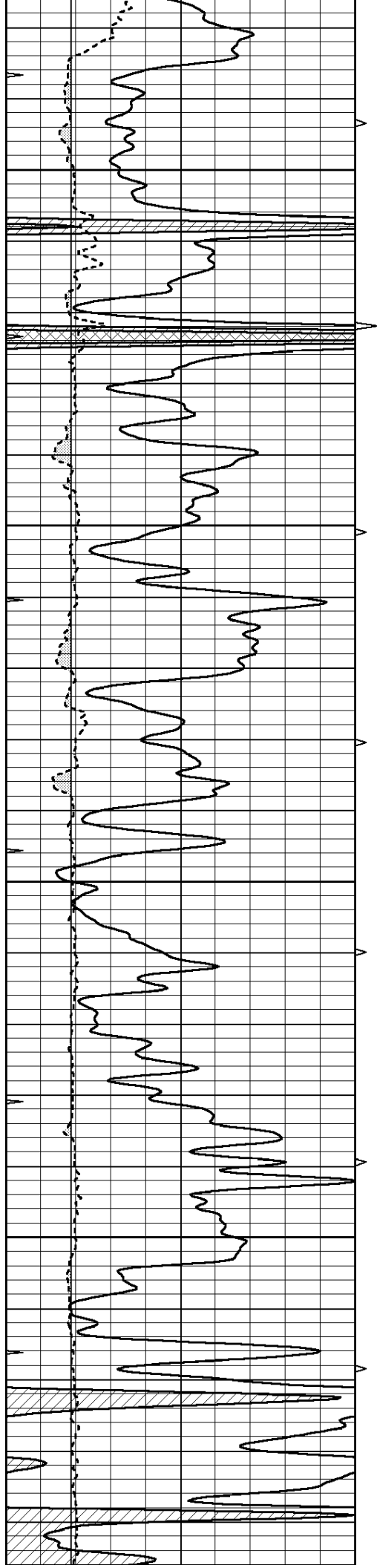










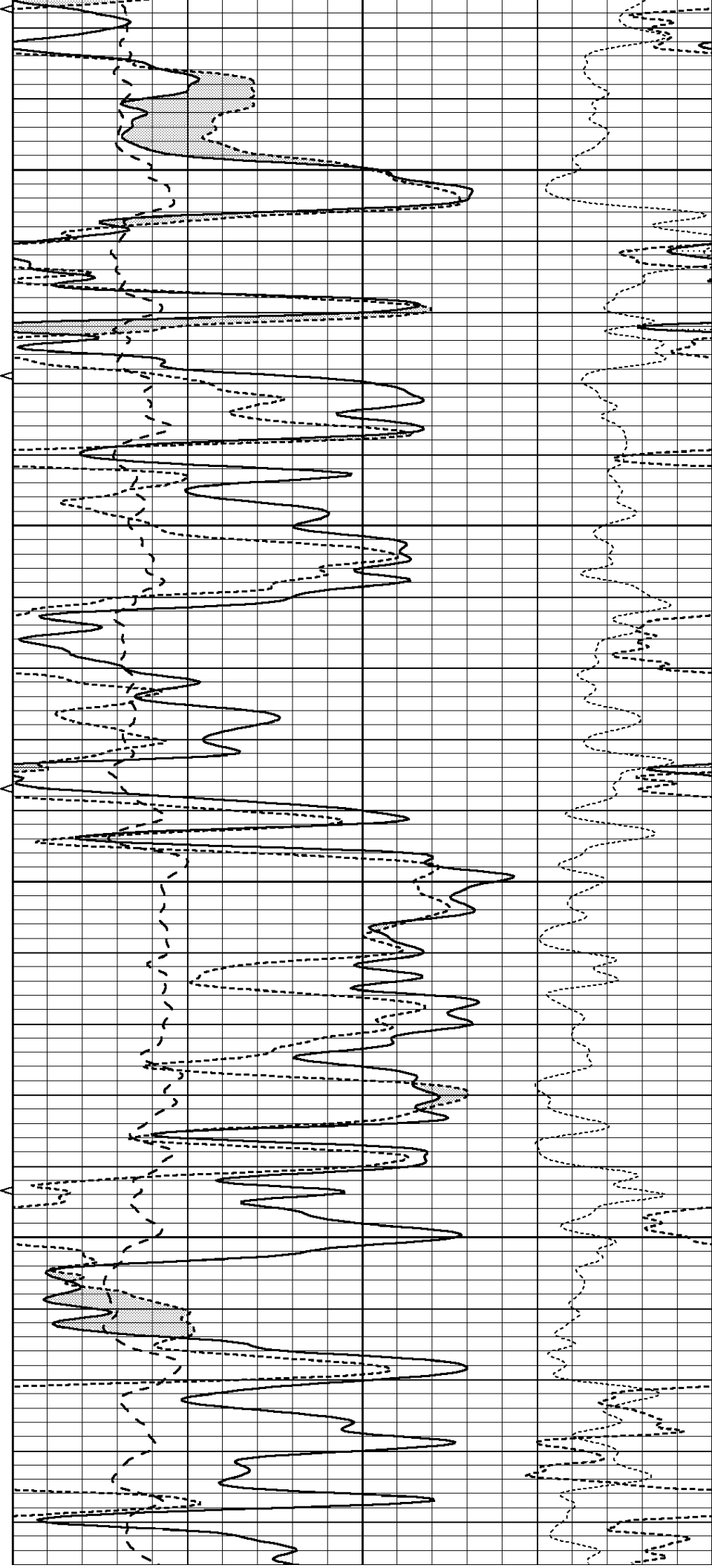


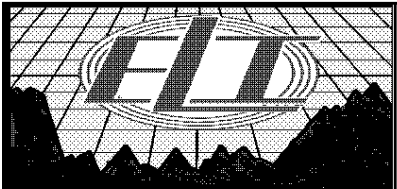
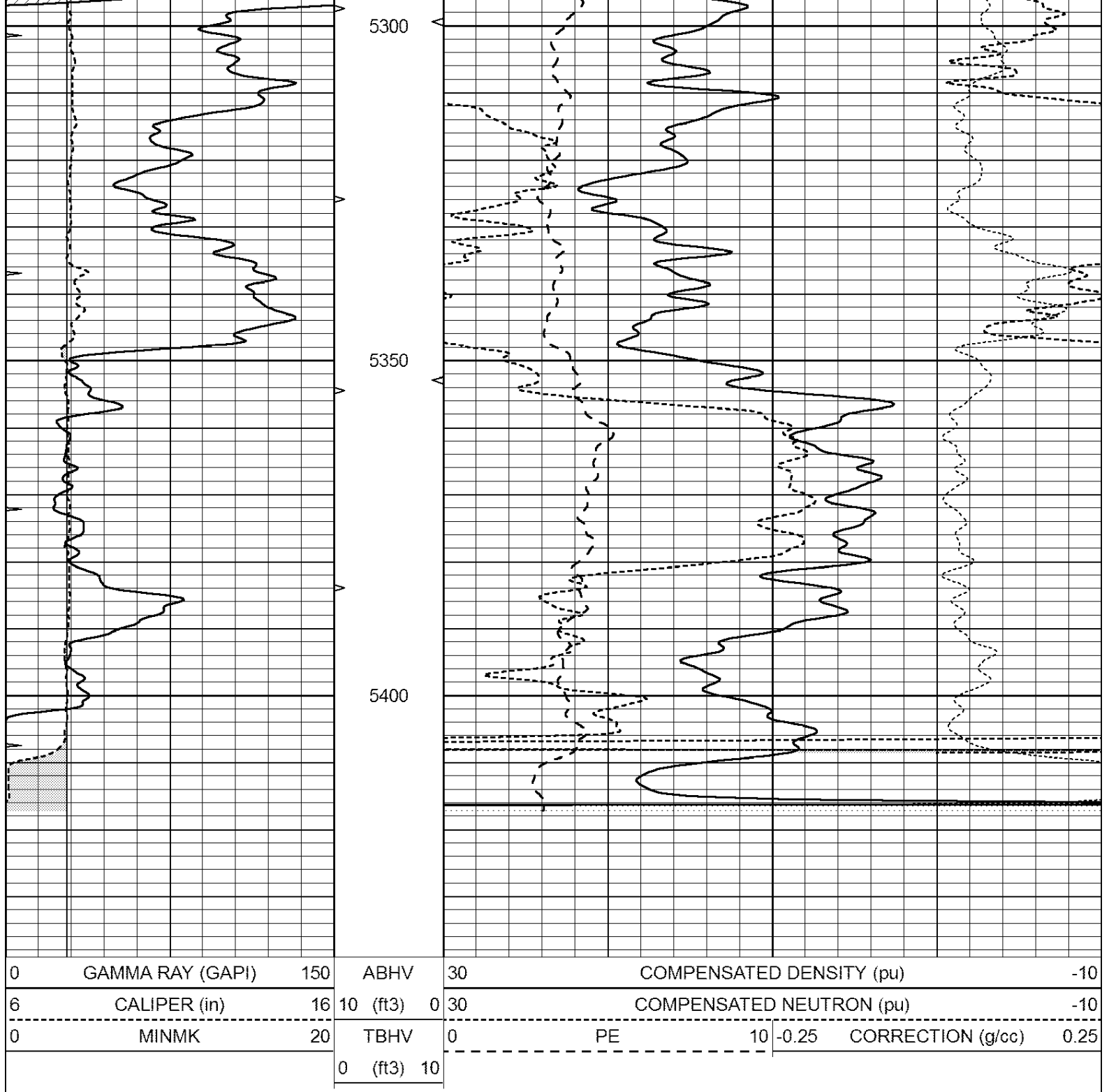
5100

5150

5200

5250

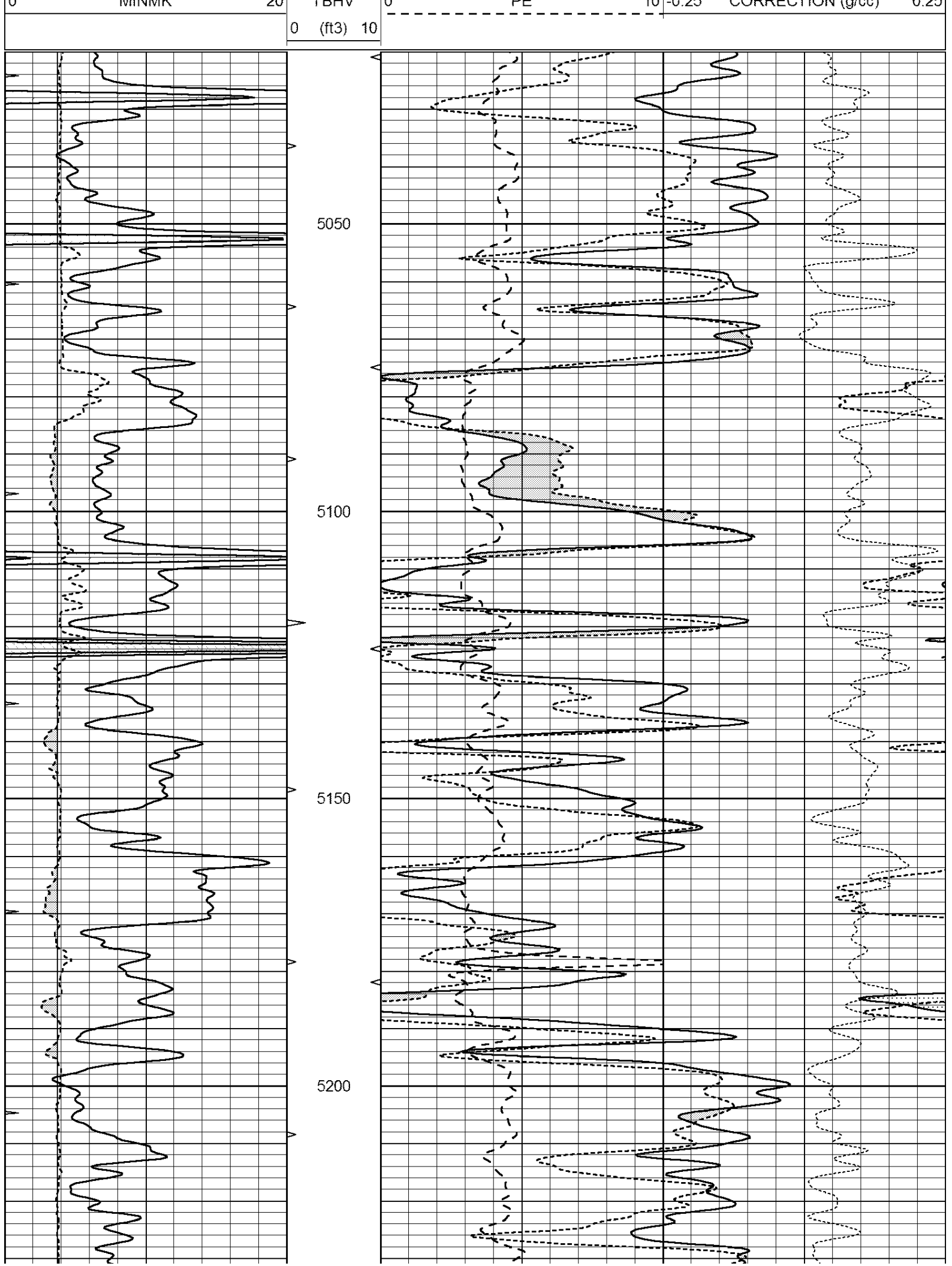


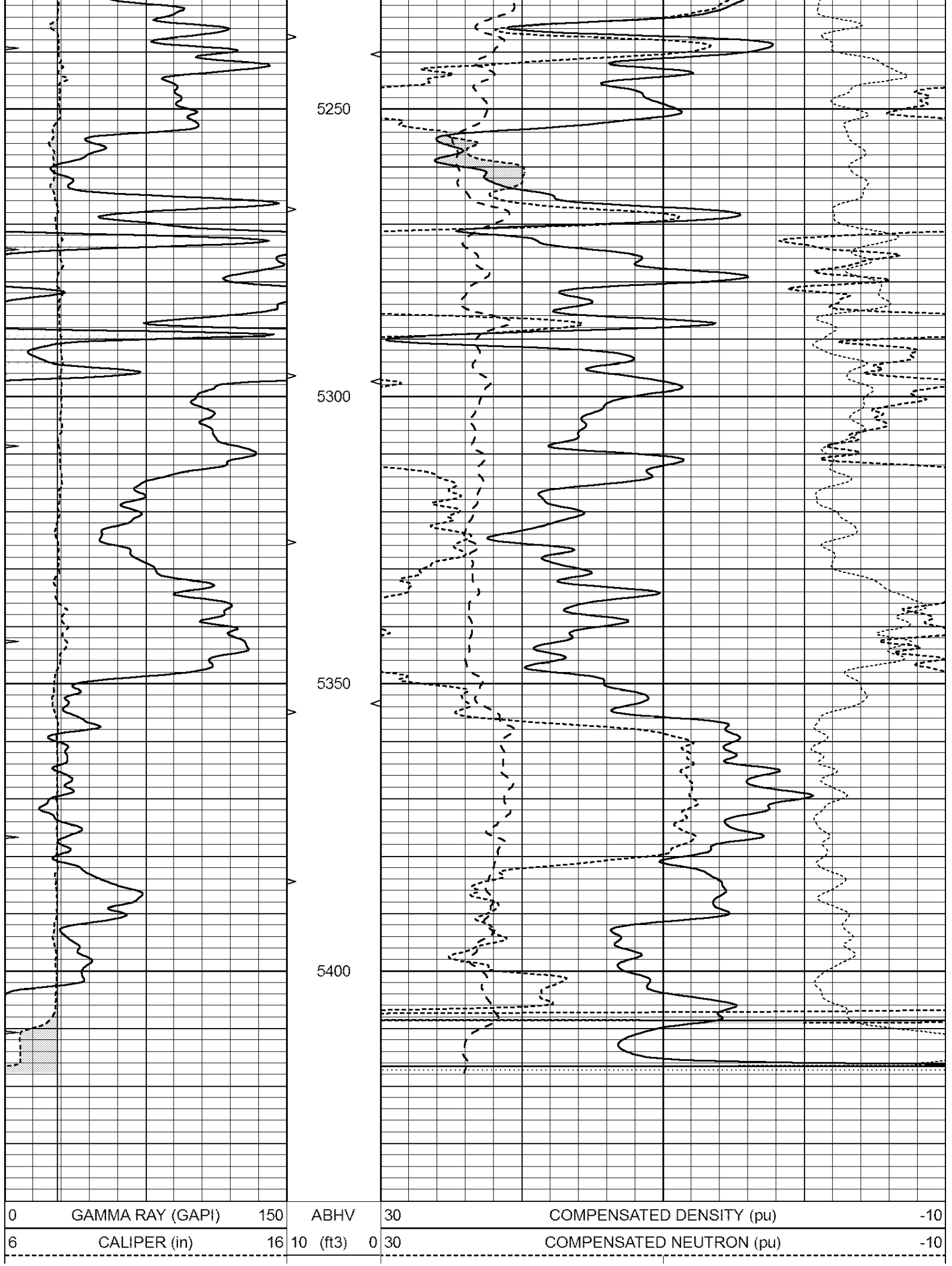


REPEAT SECTION

Database File: 3679pe.db
 Dataset Pathname: pass2.1
 Presentation Format: _ldt_neu
 Dataset Creation: Sat May 11 11:20:03 2019 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	COMPENSATED NEUTRON (pu)	-10
0	MINMK	20	TBHV	0	PE	10 -0.25 CORRECTION (g/cc) 0.25
			0 (ft3)	10		





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