



COMPENSATED DENSITY/NEUTRON PE LOG

Company	PLATEAU OPERATING CORPORATION	Company	PLATEAU OPERATING CORPORATION
Well	LEVEN #2	Well	LEVEN #2
Field	NA	Field	NA
County	HAMILTON	County	HAMILTON
State	KANSAS	State	KANSAS
Location:	API # : 15-075-20904-0000 660' FNL & 660' FWL	Other Services DIL/MEL	
Permanent Datum	SEC 6 TWP 25S RGE 40W	Elevation	
Log Measured From	GROUND LEVEL Elevation 3356 KELLY BUSHING 7' A.G.L	K.B. 3363 D.F. 3361 G.L. 3356	
Drilling Measured From	KELLY BUSHING		
Date	8/17/21		
Run Number	ONE		
Depth Driller	2600		
Depth Logger	2595		
Bottom Logged Interval	2571		
Top Log Interval	1100		
Casing Driller	8 5/8" @ 1115		
Casing Logger	1115		
Bit Size	7 7/8		
Type Fluid in Hole	CHEMICAL MUD		
Density / Viscosity	9.4/34		
pH / Fluid Loss	8.0/NC		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	.75 @ 70F		
Rmf @ Meas. Temp	.56 @ 70F		
Rmc @ Meas. Temp	.90 @ 70F		
Source of Rmf / Rmc	MEASUREMENT		
Rm @ BHT	.50 @ 103F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom	////		
Maximum Recorded Temperature	103F		
Equipment Number	3802		
Location	HAYS, KANSAS		
Recorded By	JASON CAPPELLUCCI		
Witnessed By	BILL KERRIGAN		

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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

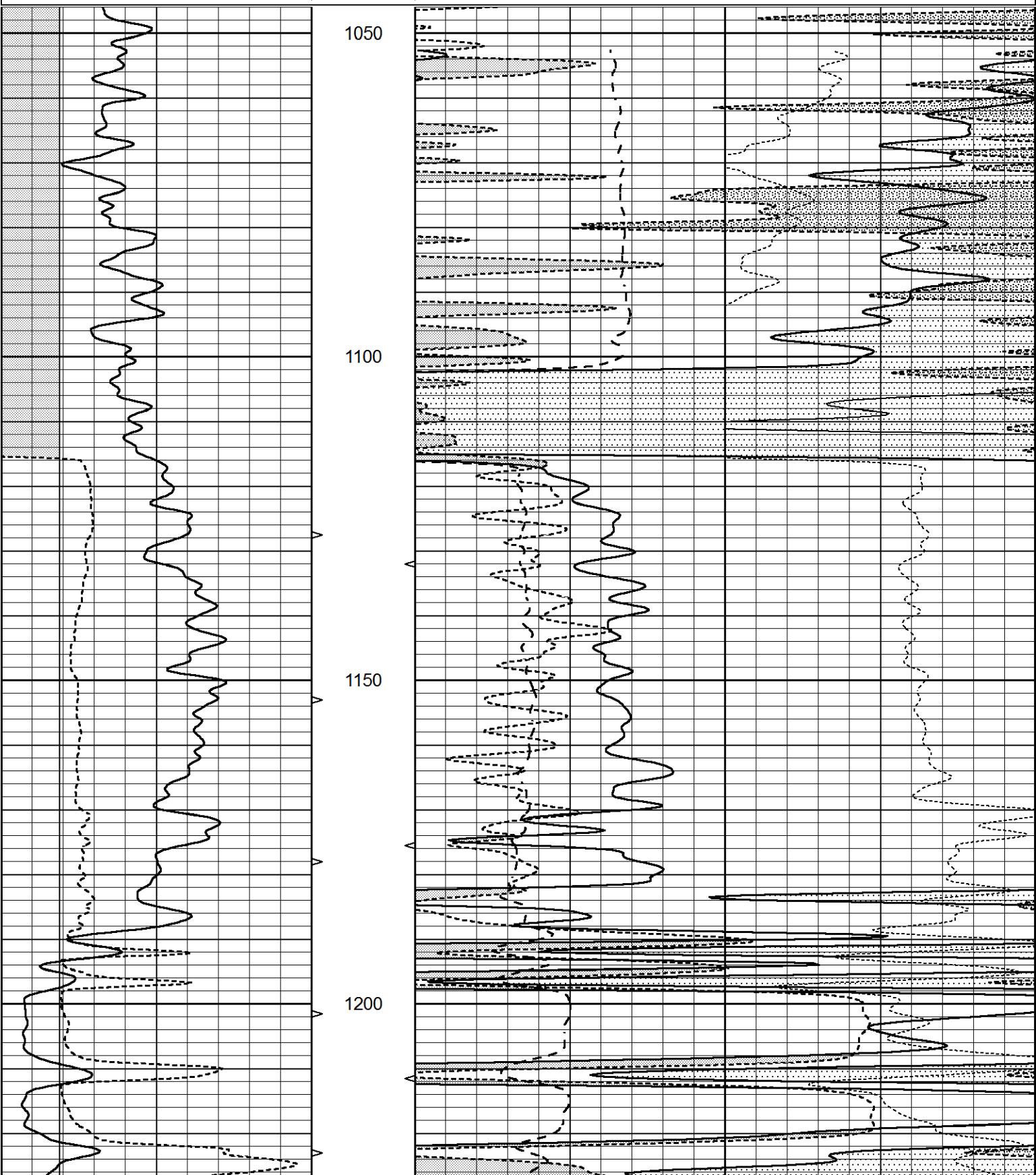
THANK YOU FOR USING ELI WIRELINE SERVICES, HAYS, KS. (785) 628-6395
DIRECTIONS
SYRACUSE, KS. - 5 SOUTH - EAST INTO

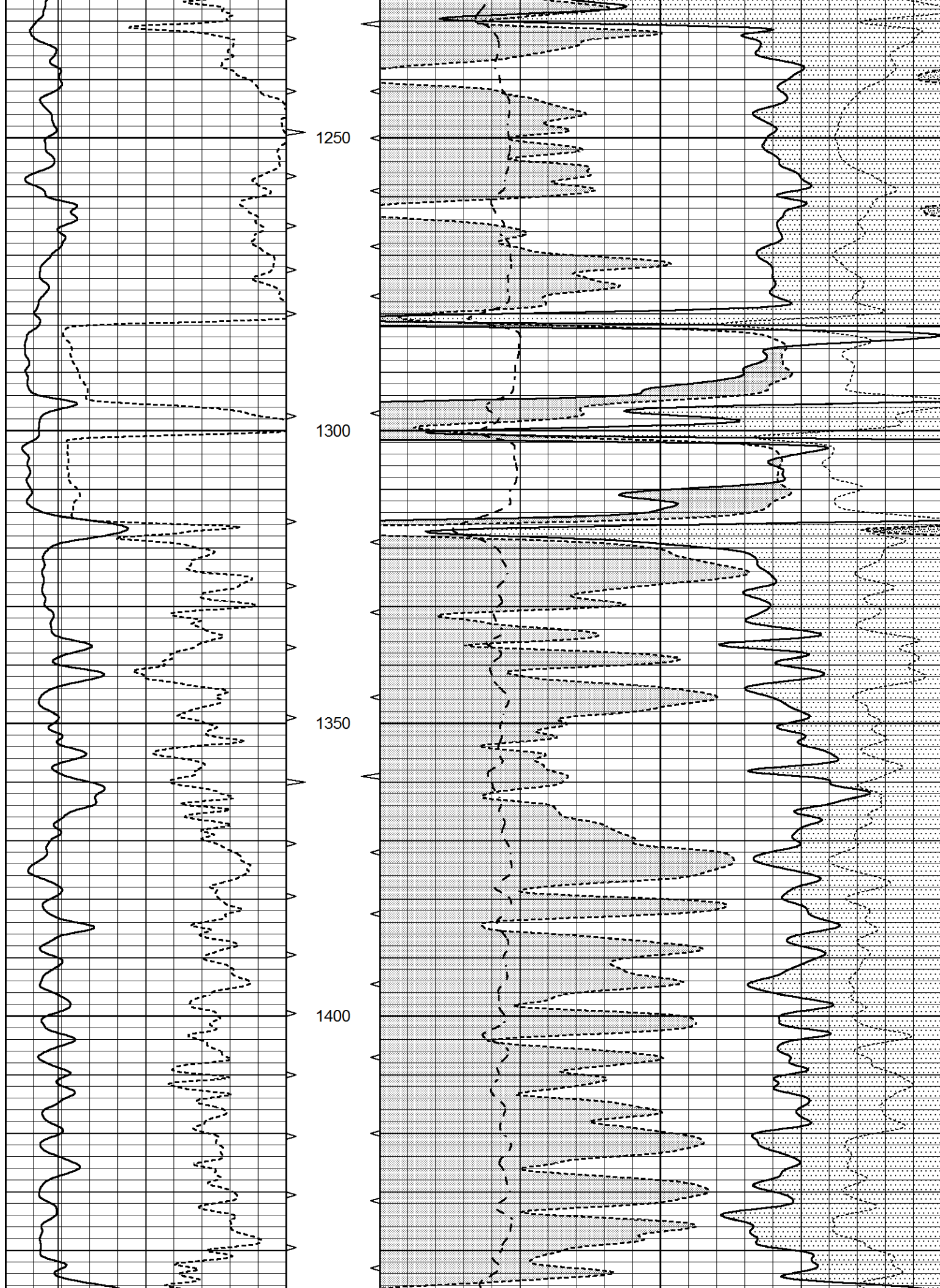


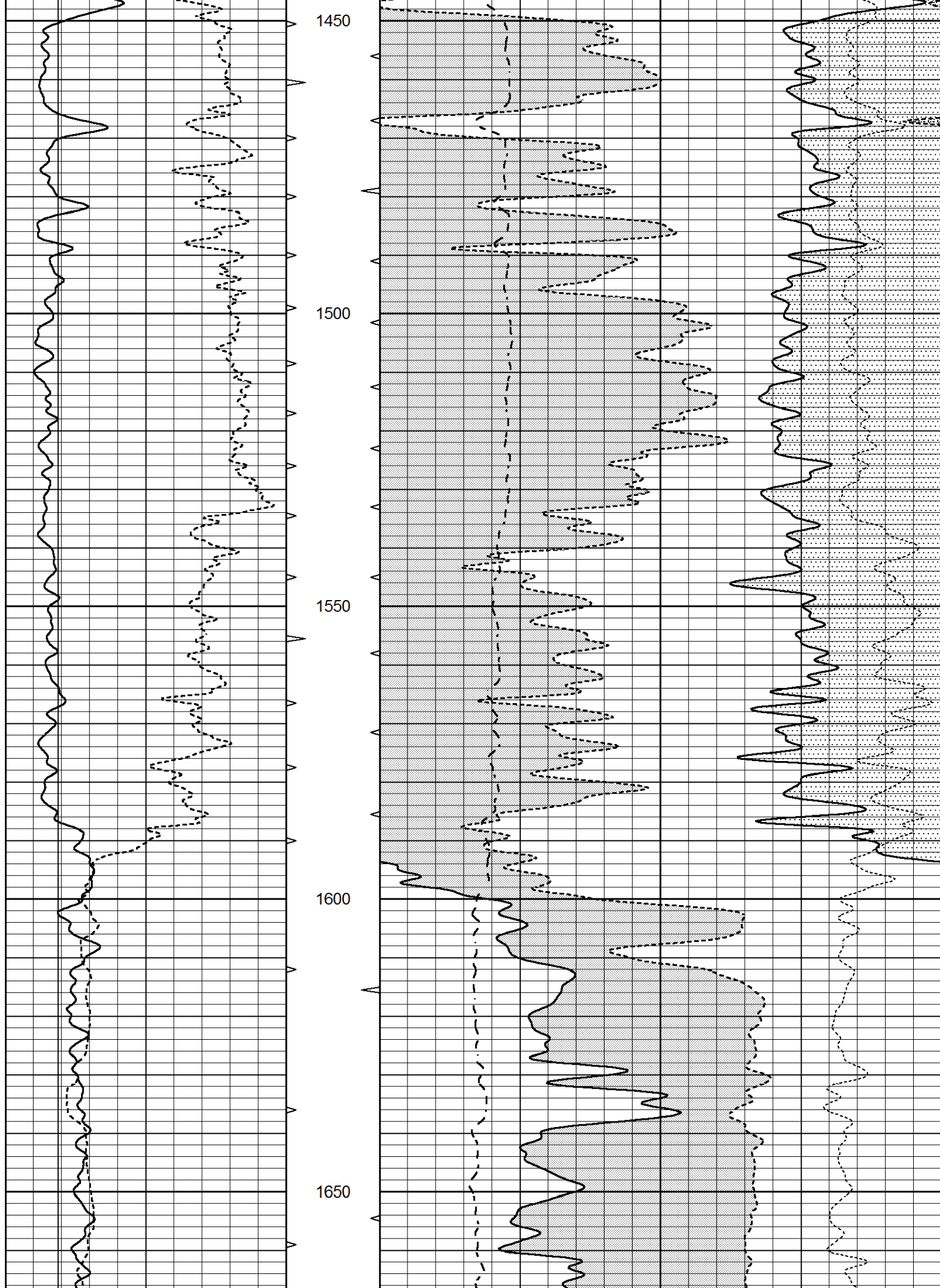
MAIN SECTION

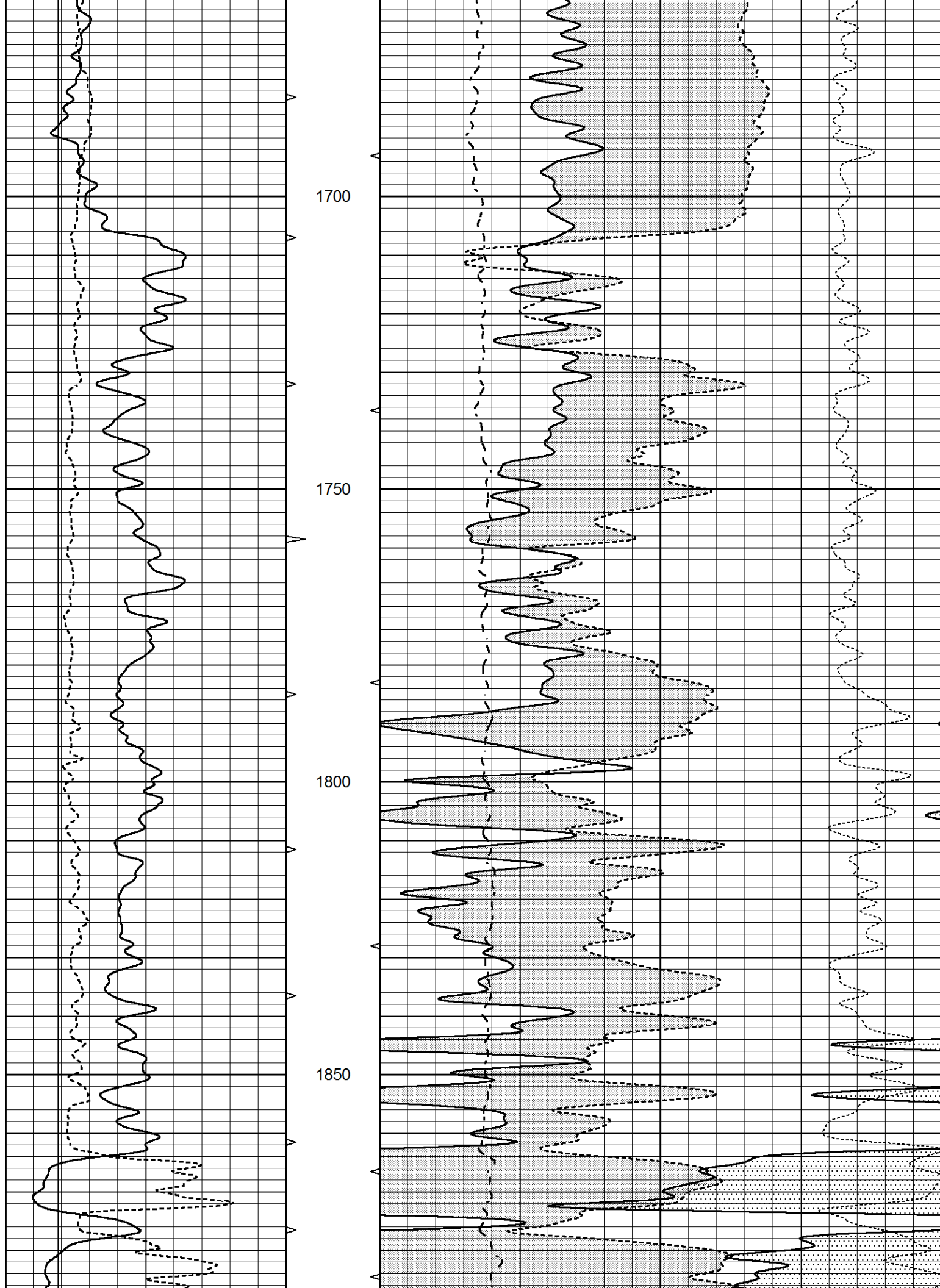
Database File	5642pe.db
Dataset Pathname	pass3.1
Presentation Format	_ldt_neu
Dataset Creation	Tue Aug 17 09:53:55 2021
Charted by	Depth in Feet scaled 1:240

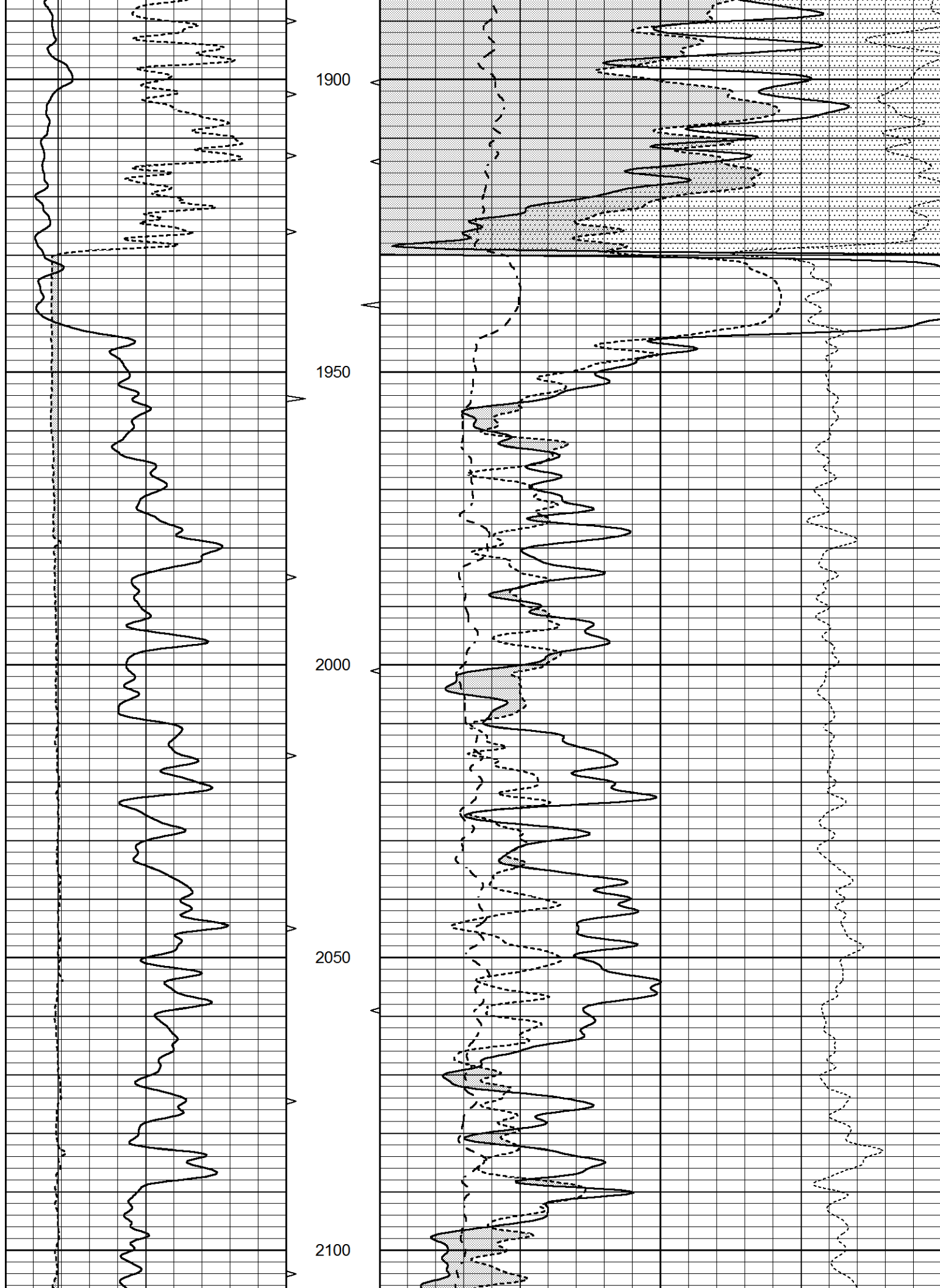
0	GAMMA RAY (GAPI)	150	ABHV	30	COMPENSATED DENSITY (pu)	-10
6	CALIPER (in)	16	10 (ft3)	0	COMPENSATED NEUTRON (pu)	-10
			TBHV	0	PE	10 -0.25
			0 (ft3)	10	CORRECTION (g/cc)	0.25

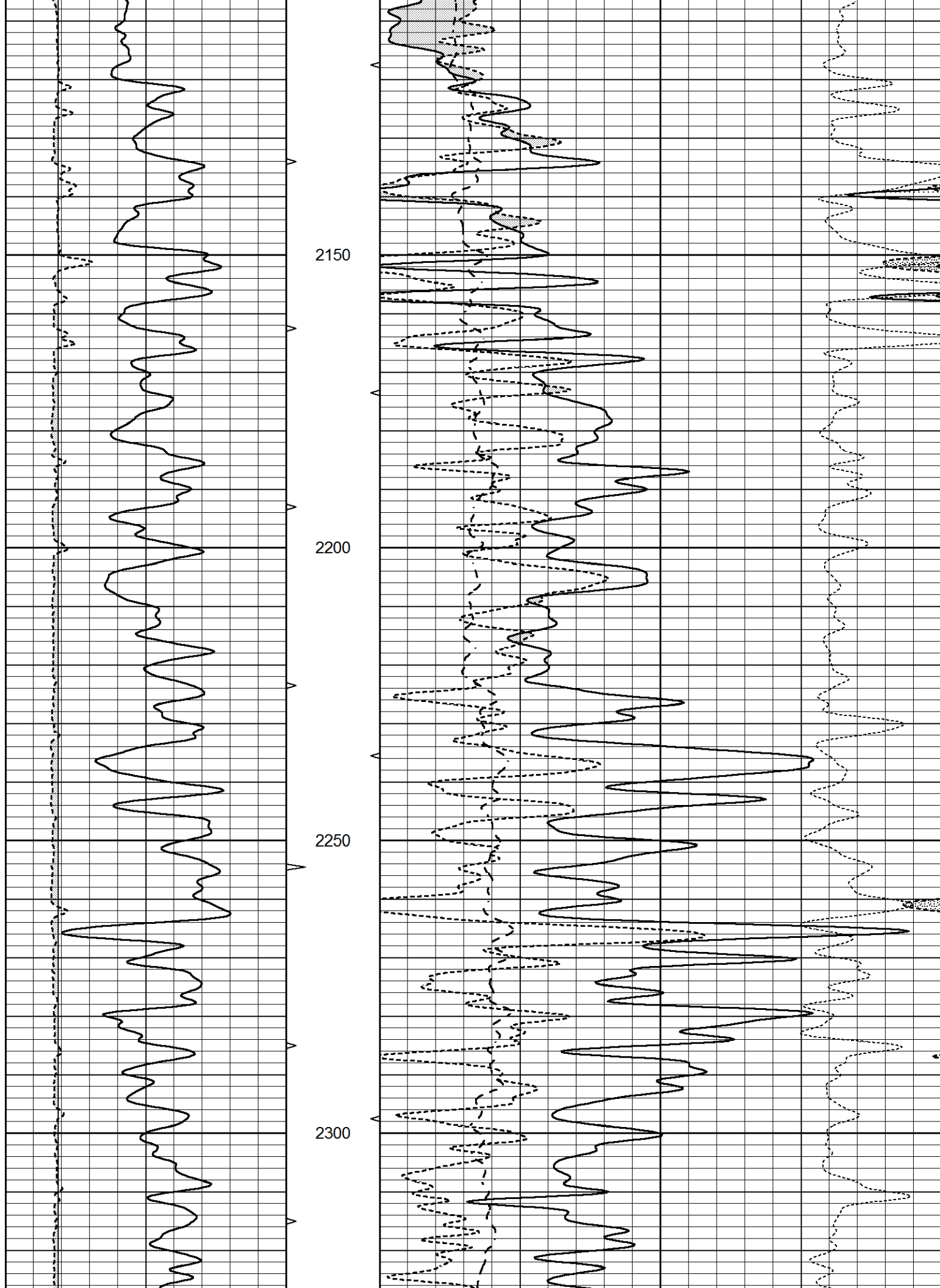


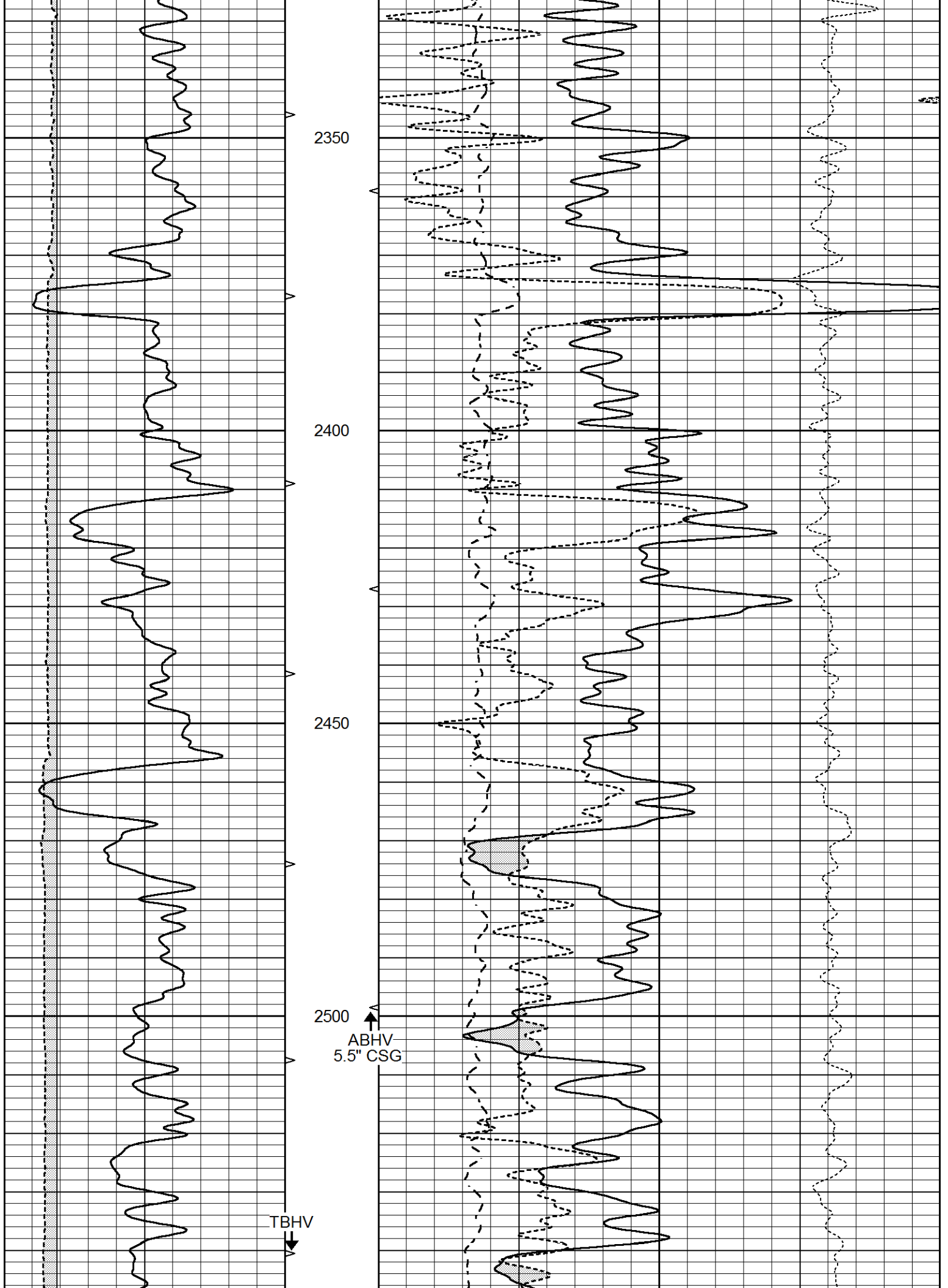


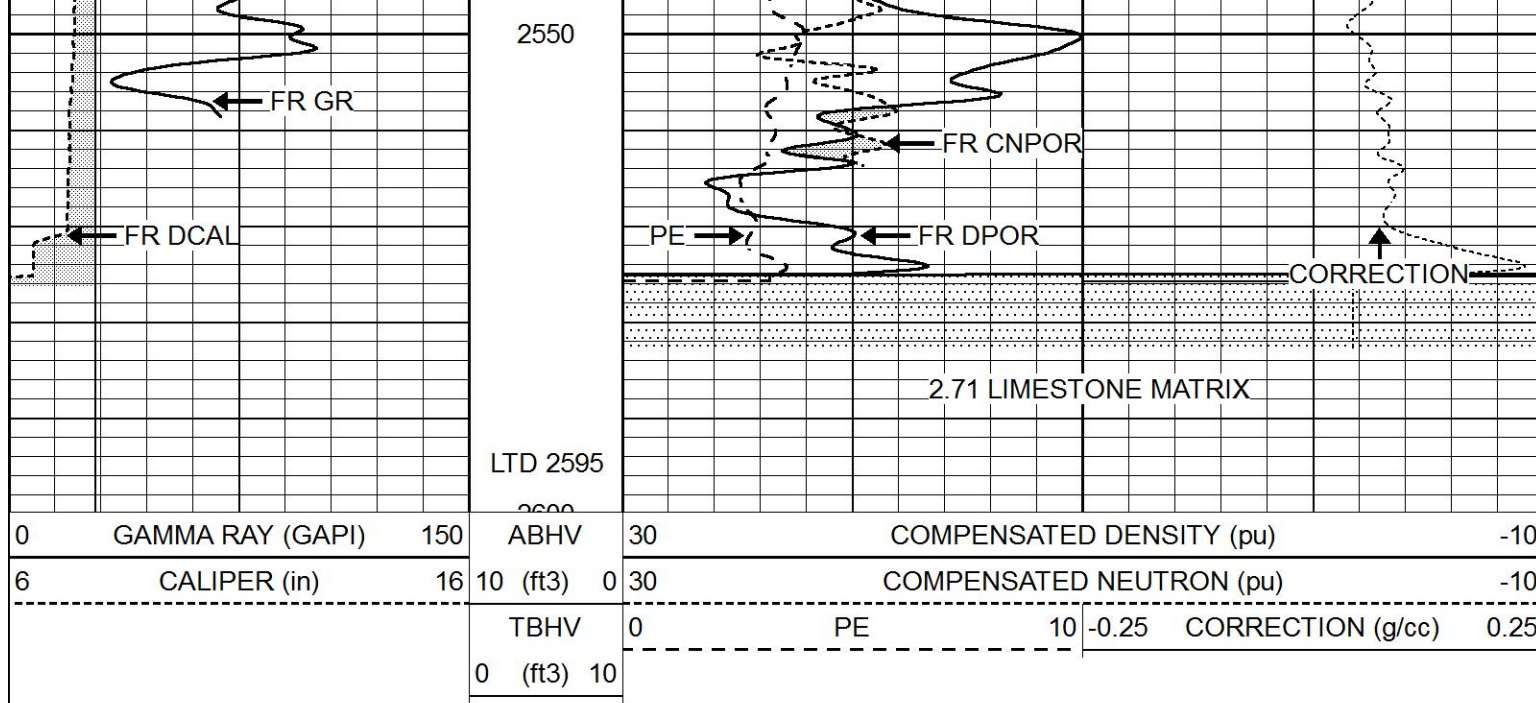








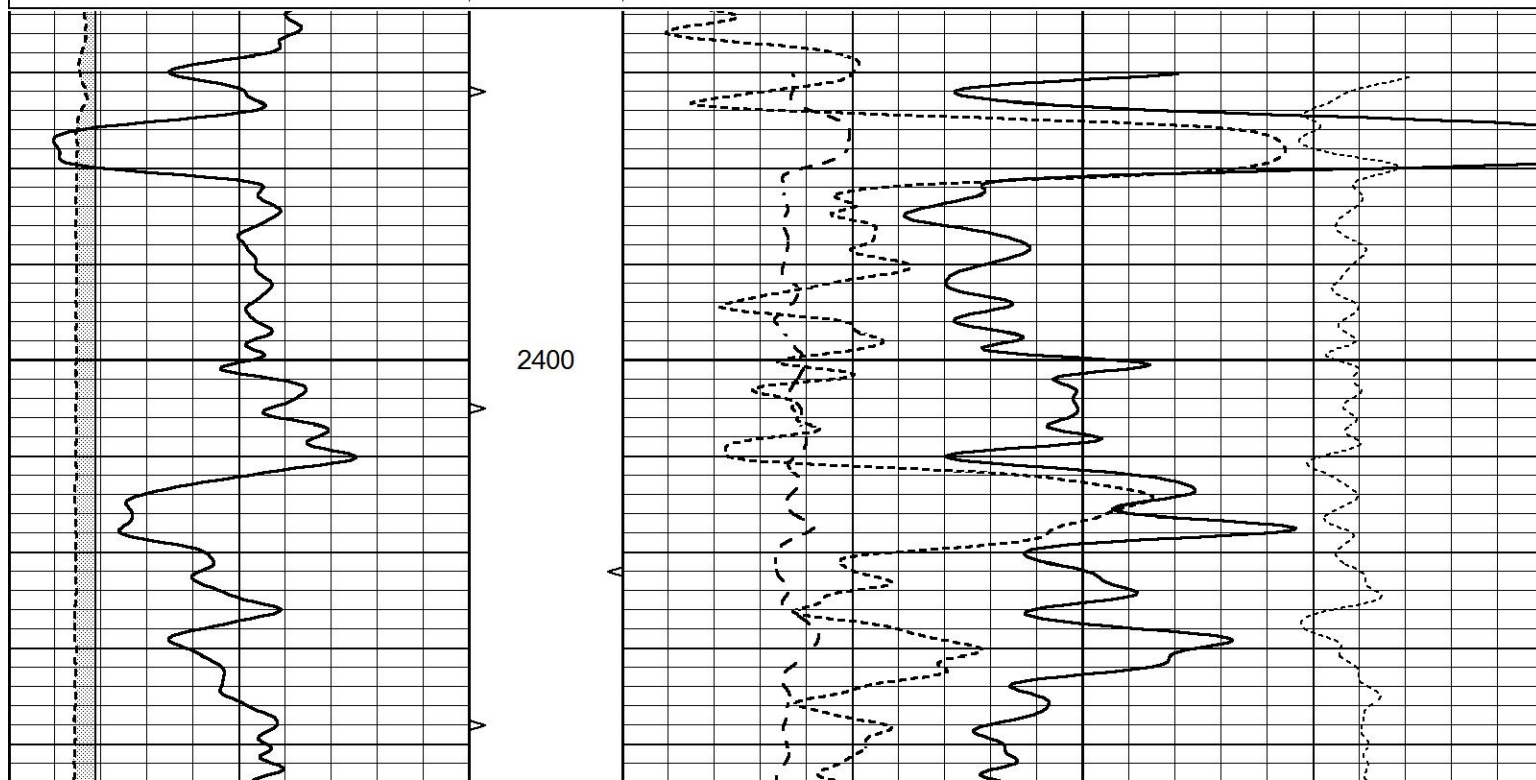


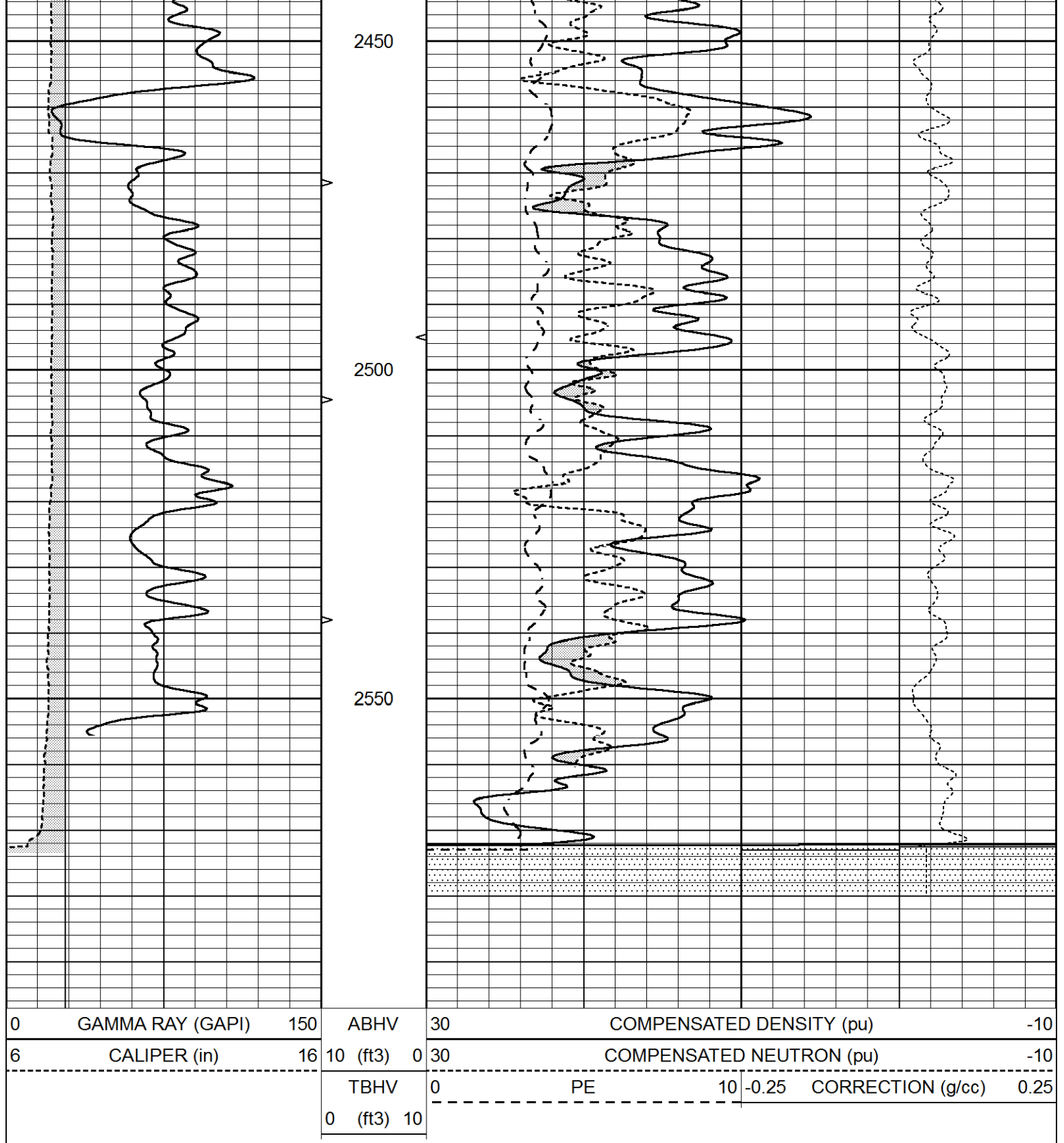


REPEAT SECTION

Database File 5642pe.db
 Dataset Pathname pass2.1
 Presentation Format _ldt_neu
 Dataset Creation Tue Aug 17 09:55:15 2021
 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 5642pe.db
Dataset Pathname pass2.1
Dataset Creation Tue Aug 17 09:55:15 2021

Dual Induction Calibration Report

Serial-Model: FW1410-55-Probe
Surface Cal Performed: Tue Feb 19 11:44:18 2019
Downhole Cal Performed: Tue Feb 19 11:44:24 2019
After Survey Verification Performed: Tue Feb 19 11:44:27 2019

Surface Calibration				Readings			References		Results	
Loop:		Air	Loop		Air	Loop			m	b
Deep		0.011	0.656	V	1.000	400.000	mmho/m		618.595	-5.524
Medium		-0.000	0.731	V	1.000	464.000	mmho/m		632.856	1.197
Internal:		Zero	Cal		Zero	Cal			m	b
Deep		0.007	0.649	V	0.000	400.000	mmho/m		623.784	-4.595
Medium		0.004	0.743	V	0.000	464.000	mmho/m		627.284	-2.251

Downhole Calibration				Readings			References		Results	
		Zero	Cal		Zero	Cal			m'	b'
Deep		-0.824	395.917	mmho/m	-0.976	397.550	mmho/m		1.004	-0.149
Medium		3.565	471.327	mmho/m	3.468	471.590	mmho/m		1.001	-0.099
LL3			7.503	V		1500.000	Ohm-m			
			0.001	V		20.000	Ohm-m			
			-7.481	V		3745.000	mmho-m			

After Survey Verification				Readings			Targets		Results	
		Zero	Cal		Zero	Cal			m'	b'
Deep		0.000	0.000	mmho/m	-0.824	395.917	mmho/m		1.000	0.000
Medium		0.000	0.000	mmho/m	3.565	471.327	mmho/m		1.000	0.000
LL3			0.000	Ohm-m		1500.000	Ohm-m			
			0.000	Ohm-m		20.000	Ohm-m			
			0.000	mmho-m		3745.000	mmho-m			

Litho Density Calibration Report Serial: 140703 Model: V4_10P Source Number: 74GBq-19										
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Master Calibration					Performed: Wed Dec 02 12:04:44 2020				
		Background	Aluminum	Magnesium					
Window 1		595.38	5386.50	23898.92	cps				
Window 2		52.78	1248.21	5993.75	cps				
Window 4		251.36	1200.30	5155.55	cps				
Window 5		545.15	9066.30	17240.12	cps				
Window 6		43.35	1491.73	2929.24	cps				
Window 8		258.76	2917.82	5450.26	cps				
Bulk Density		-	2.6020	1.6830	g/cc				
Pe		-	3.0000	2.5070	b/e				
LS Alpha:		: -1.8726	SS Alpha:	: -0.7656	LS CPE:		: 1.0742		
LS Beta:		: 127345.0723	SS Beta:	: 20293.3834	SS CPE:		: 1.5427		

Before Survey Background Counts Verification			Performed: Wed Dec 31 18:00:00 1969
Window 1	0.00	cps	
Window 2	0.00	cps	
Window 4	0.00	cps	
Window 5	0.00	cps	
Window 6	0.00	cps	
Window 8	0.00	cps	

After Survey Background Counts Verification				Performed: Wed Dec 31 18:00:00 1969	
Window 1	0.00	cps			
Window 2	0.00	cps			
Window 4	0.00	cps			
Window 5	0.00	cps			
Window 6	0.00	cps			
Window 8	0.00	cps			

Lithodensity Caliper Calibration				Performed: Wed Dec 02 12:04:44 2020	
Results	Readings		References (in)		
	Low	High	Low	High	Gain
	8005.3	11087.2	8.0	14.0	0.0
					Offset
					-7.5

Before Survey Caliper Verification		Performed:	
	Reference	Reading	
	_____	_____	
Caliper (in)			

After Survey Caliper Verification		Performed:	
	Reference	Reading	
	_____	_____	
Caliper (in)			

Compensated Neutron Calibration Report			
Serial Number:		080621PMC	
Tool Model:		NABORS	

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:	7		
Tool Model:	Probe1		
Performed:	Tue Jan 19 17:50:08 2021		
Calibrator Value:	1.0	GAPI	
Background Reading:	0.0	cps	
Calibrator Reading:	1.0	cps	
Sensitivity:	0.5300	GAPI/cps	