



COMPENSATED
DENSITY/NEUTRON
PE LOG

Company SHELBY RESOURCES, LLC.	
Well	I-T UNIT #1
Field	UNNAMED
County	PRATT
State	KANSAS
Location: API #: 15-151-22543-0000	
180' FSL & 2310' FWL	
SEC 27 TWP 28S RGE 14W	
Permanent Datum	GROUND LEVEL Elevation 1980
Log Measured From	KELLY BUSHING 12' A.G.L
Drilling Measured From	KELLY BUSHING
Other Services DIL/MEL SON	
Elevation K.B. 1992 D.F. 1990 G.L. 1980	
Date	4/6/22
Run Number	ONE
Depth Driller	4750
Depth Logger	4749
Bottom Logged Interval	4725
Top Log Interval	3000
Casing Driller	8 5/8" @ 823
Casing Logger	823
Bit Size	7 7/8
Type Fluid in Hole	CHEMICAL MUD
Density / Viscosity	9.1/45
pH / Fluid Loss	9.0/8.8
Source of Sample	FLOWLINE
Rm @ Meas. Temp	.95@65F
Rmf @ Meas. Temp	.71@65F
Rmc @ Meas. Temp	1.14@65F
Source of Rmf / Rmc	MEASUREMENT
Rm @ BHT	.50@123F
Time Circulation Stopped	2 HOURS
Time Logger on Bottom	////
Maximum Recorded Temperature	123F
Equipment Number	3802
Location	HAYS, KANSAS
Recorded By	TJ DREILING
Witnessed By	JEREMY SCHWARTZ

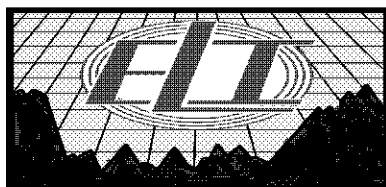
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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on 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

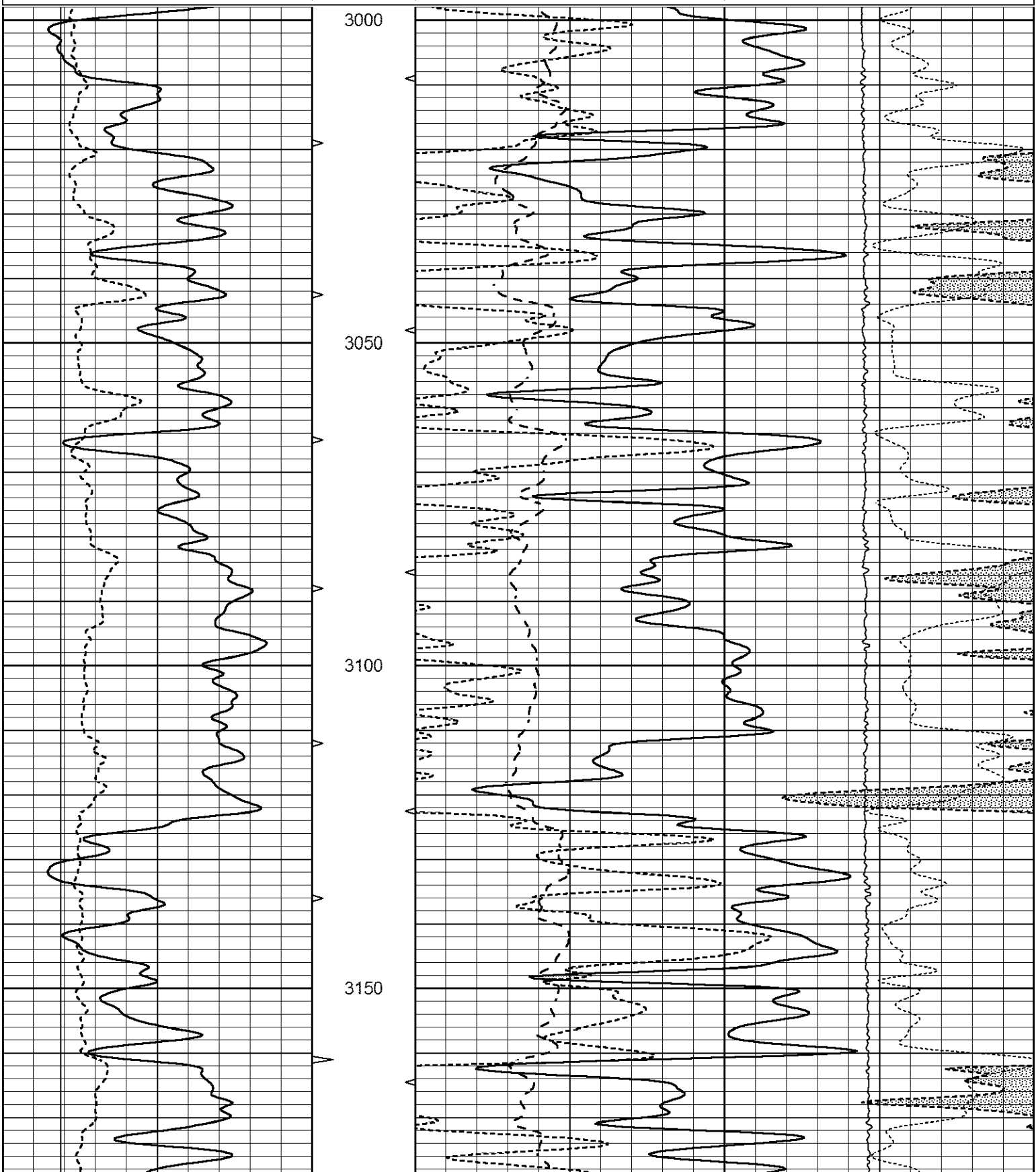
-FROM PRATT, KANSAS, -SOUTH 5 MILES ON HIGHWAY 281 TO SW 50 RD,
-5 1/2 MILES WEST, -NORTH INTO

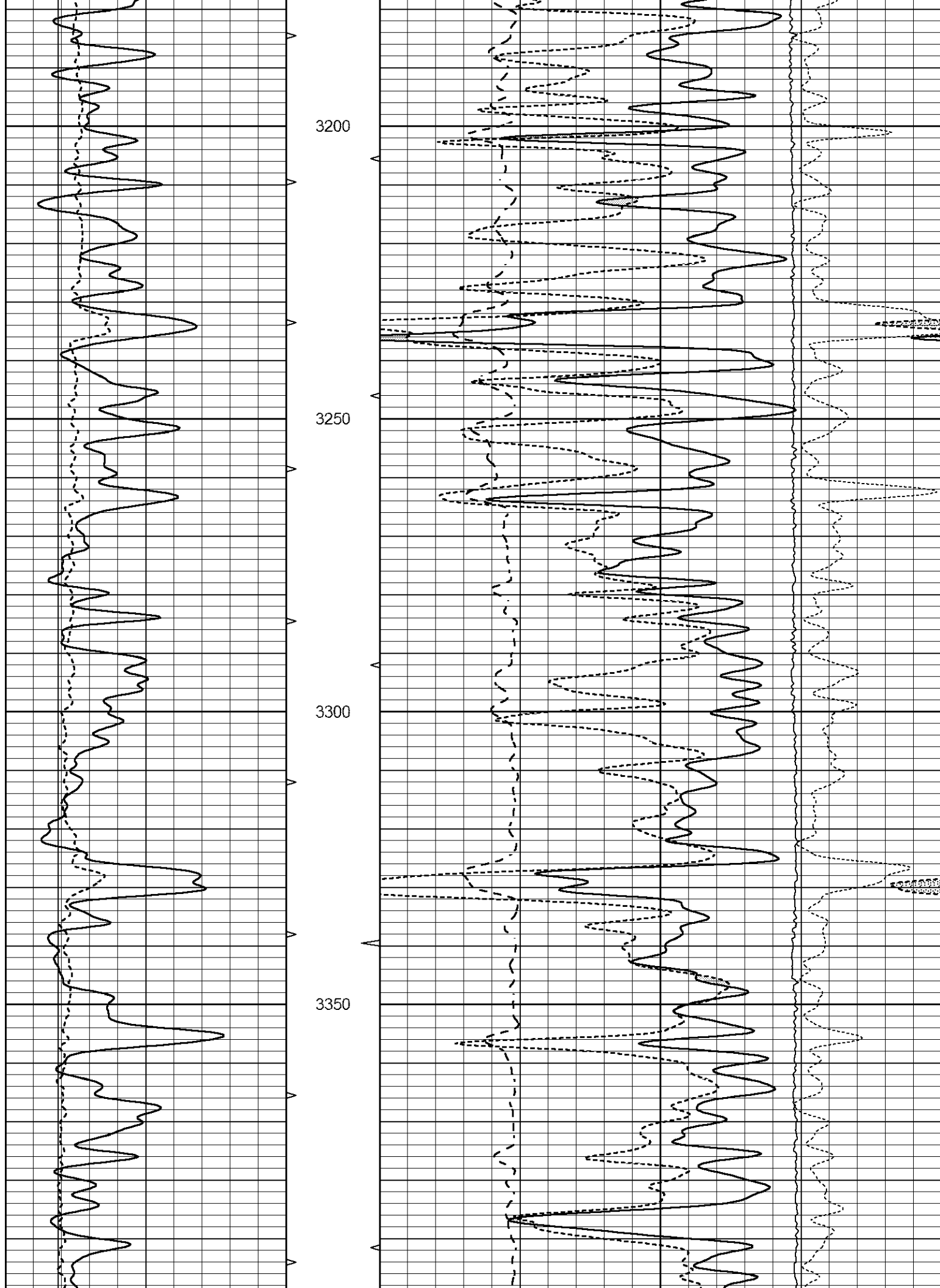


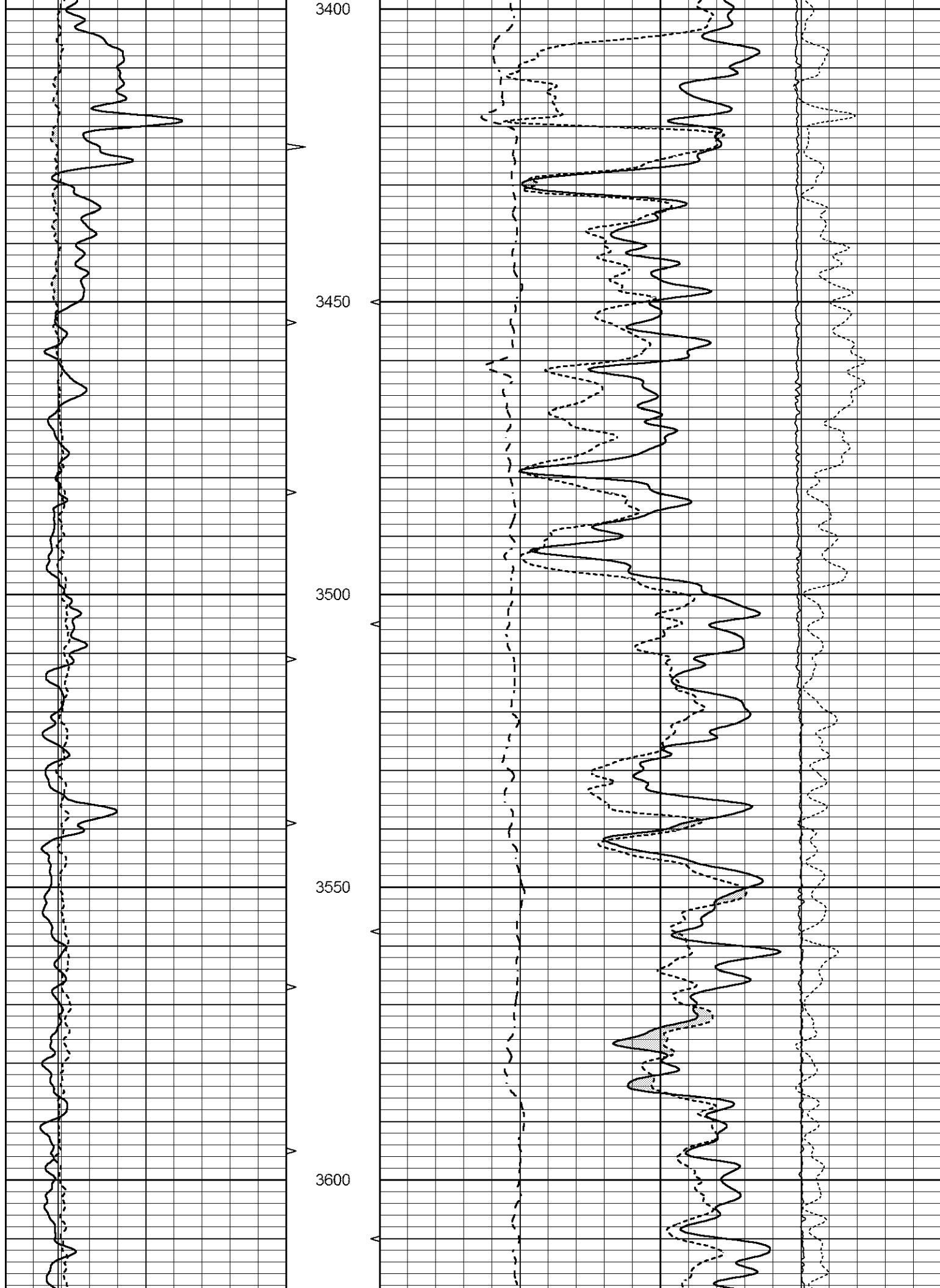
MAIN SECTION

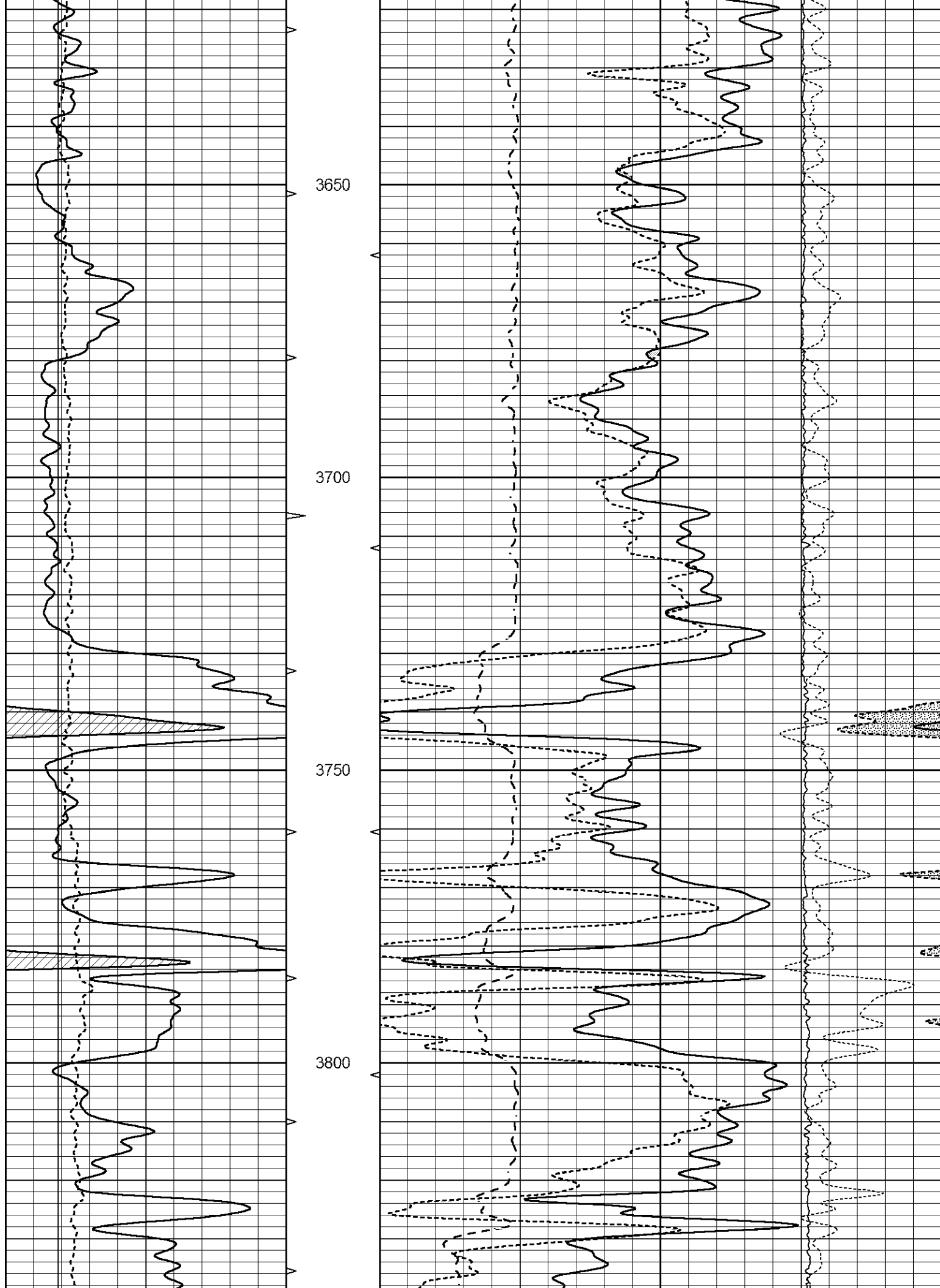
Database File	6384pe.db
Dataset Pathname	pass3.1
Presentation Format	_ldt_neu
Dataset Creation	Wed Apr 06 06:38:40 2022
Charted by	Depth in Feet scaled 1:240

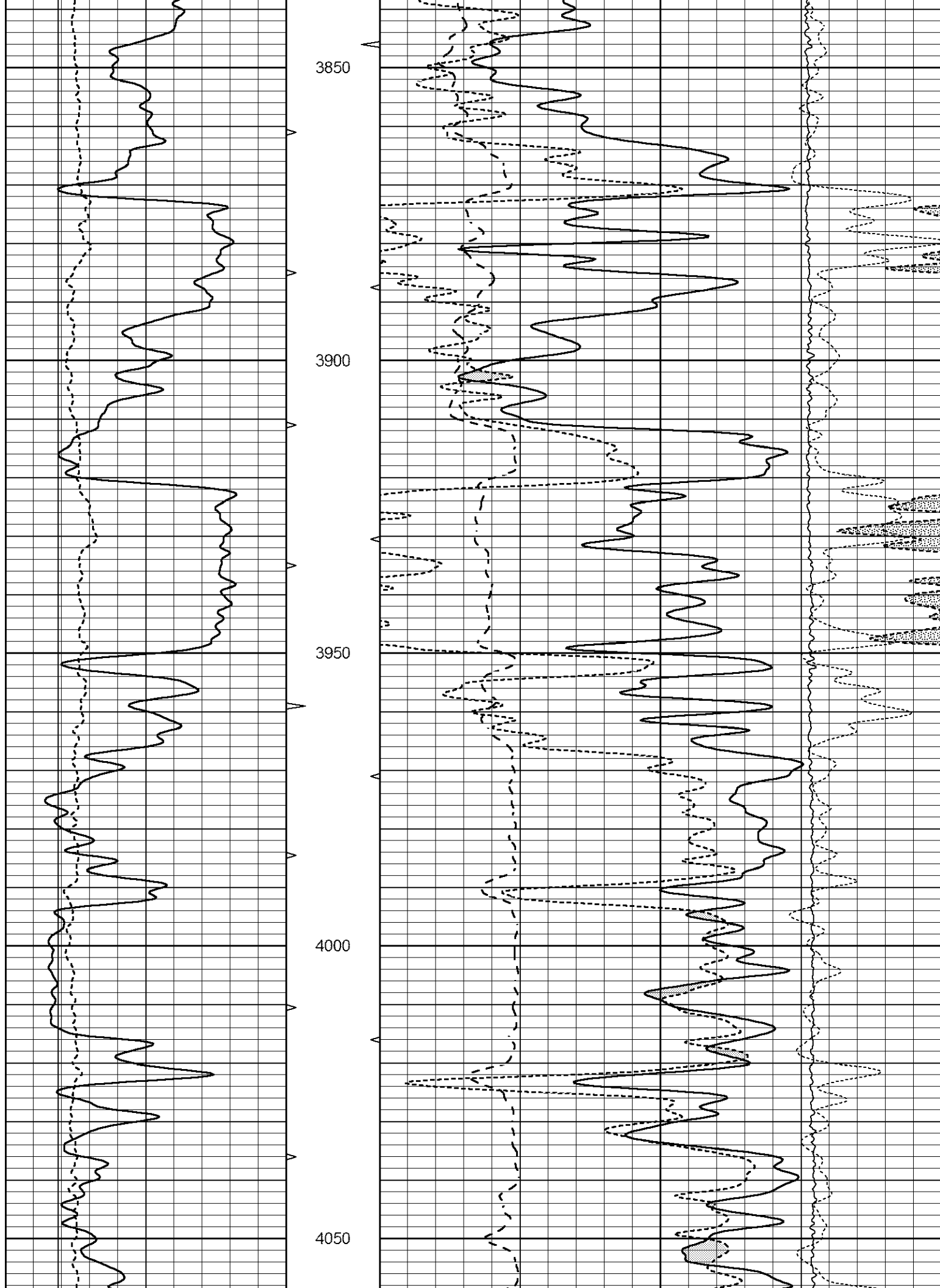
0	GAMMA RAY (GAPI)	150	ABHV	30	COMPENSATED DENSITY (pu)	-10
6	CALIPER (in)	16	10 (ft3)	0	COMPENSATED NEUTRON (pu)	-10
			TBHV	0	PE	10
			0 (ft3)	10	CORRECTION (g/cc)	0.25
					LTEN (lb)	5000

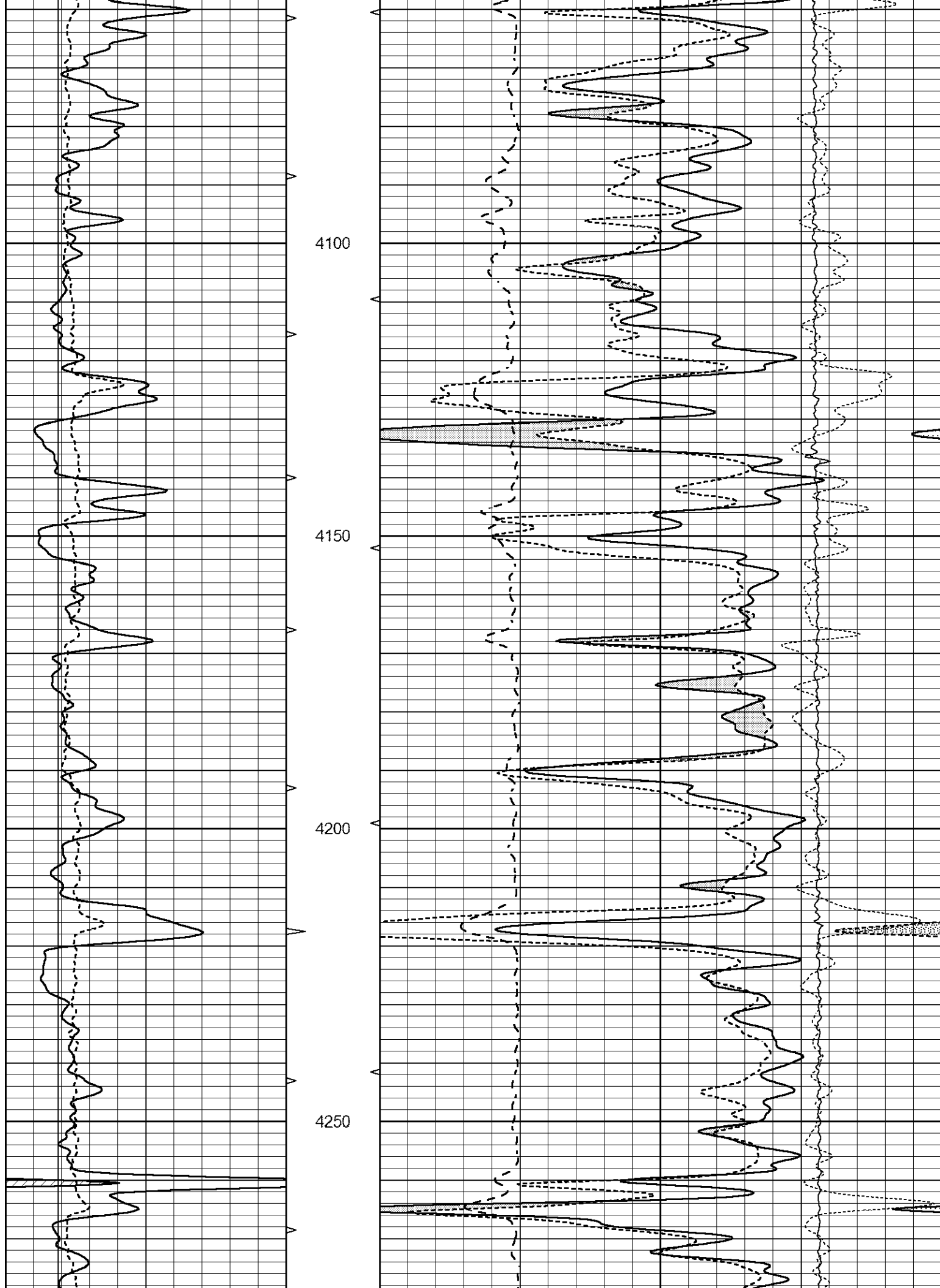


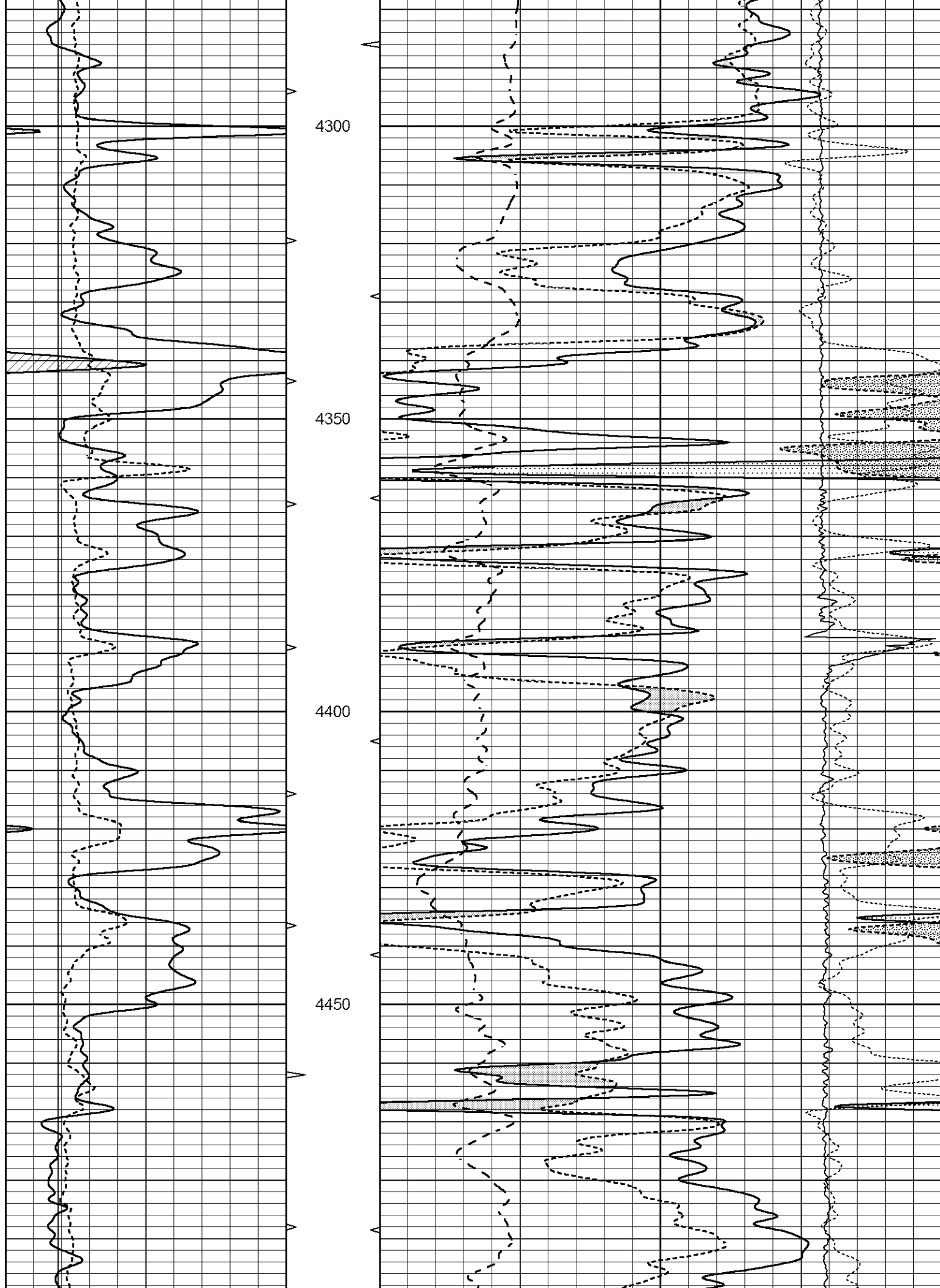


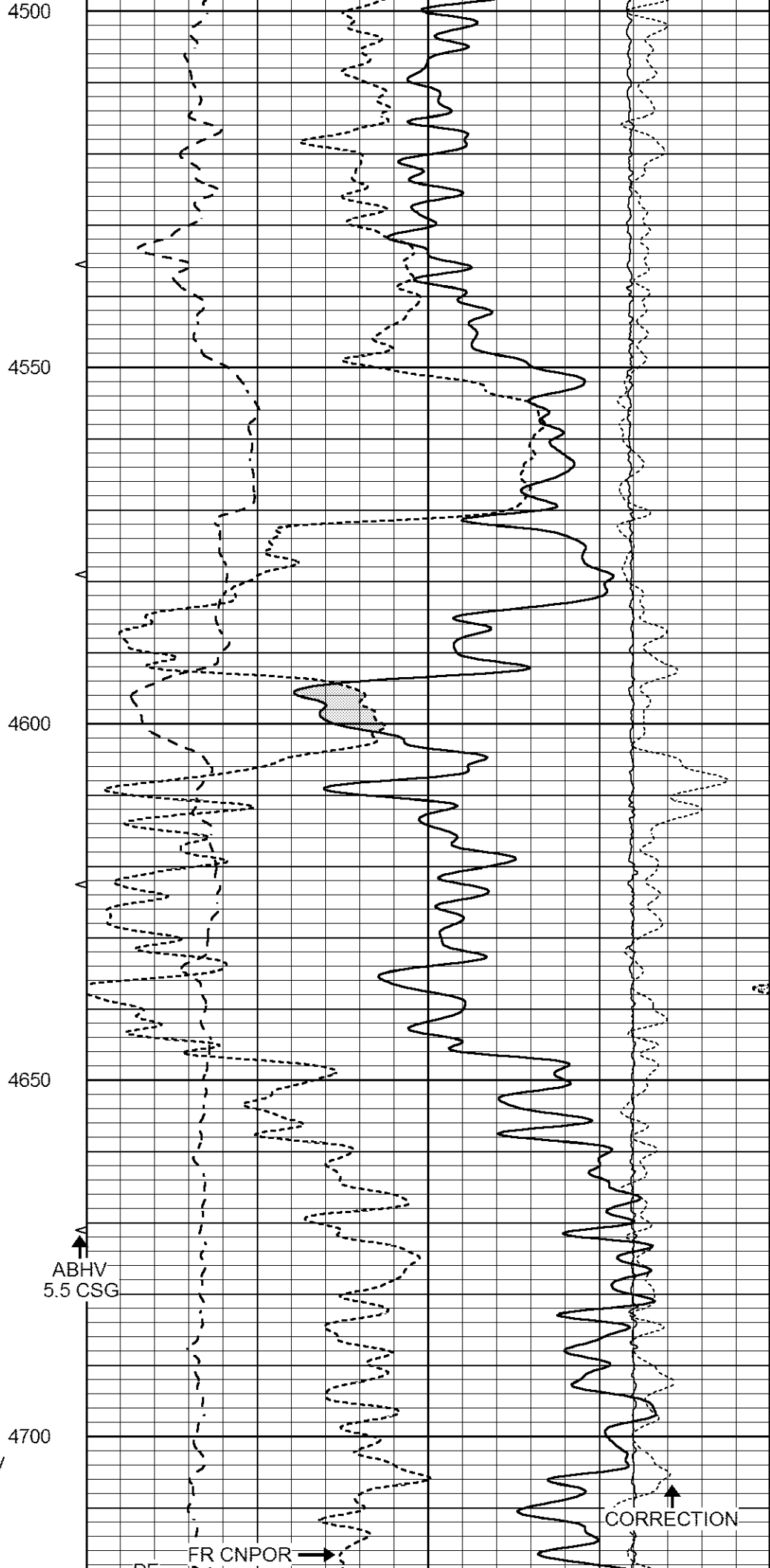
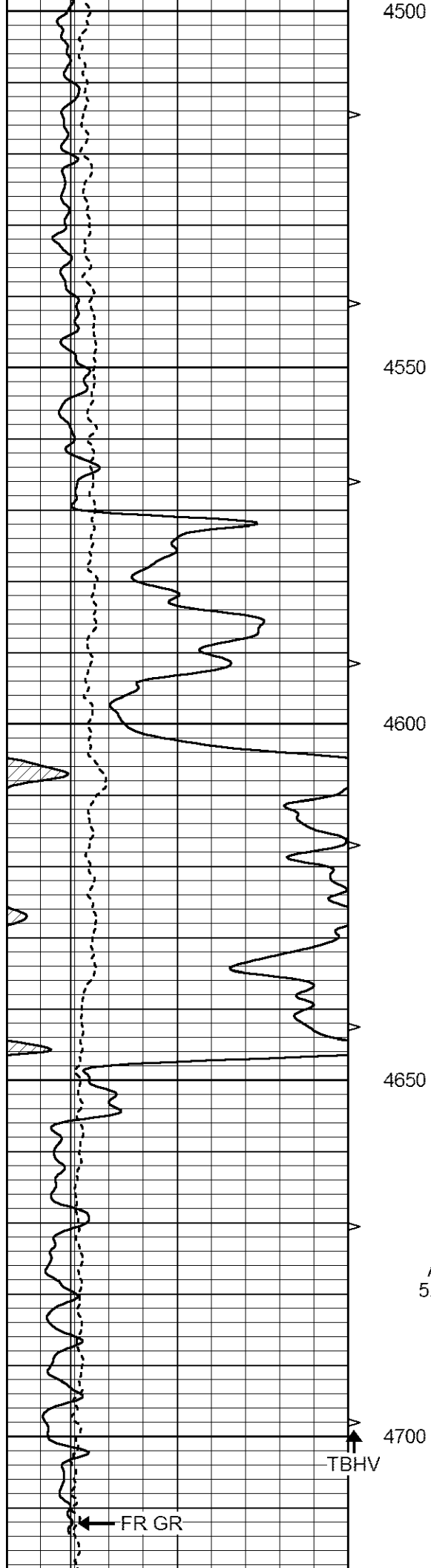


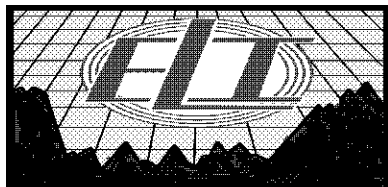
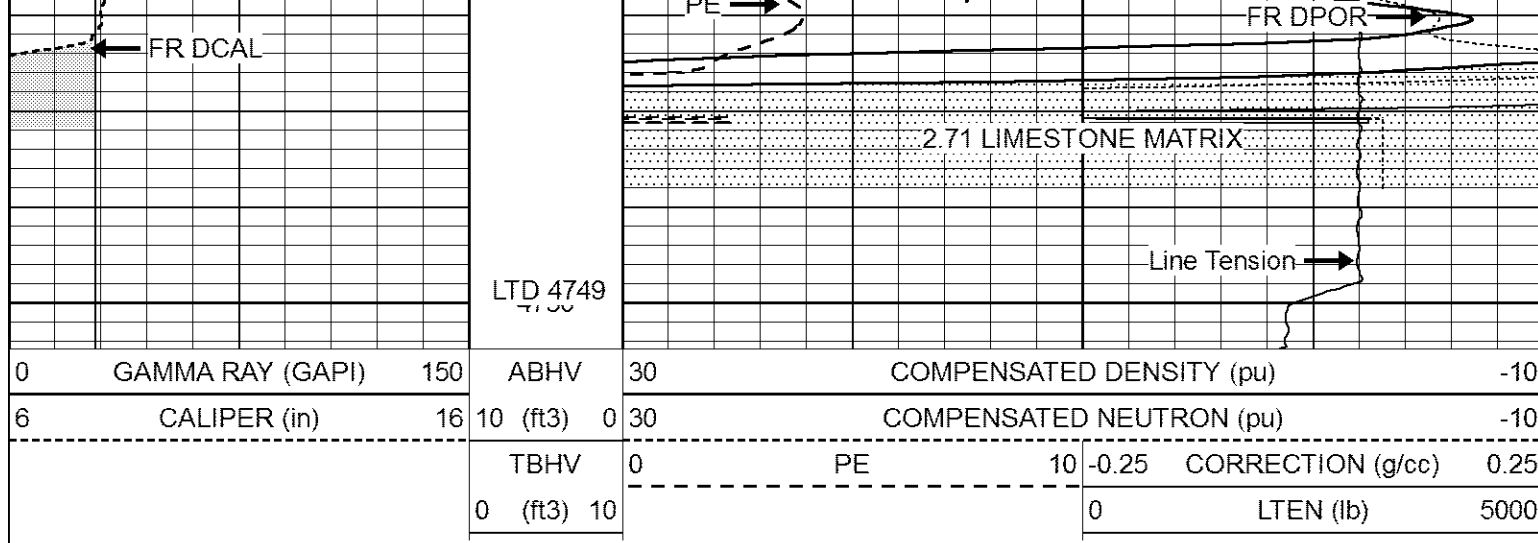








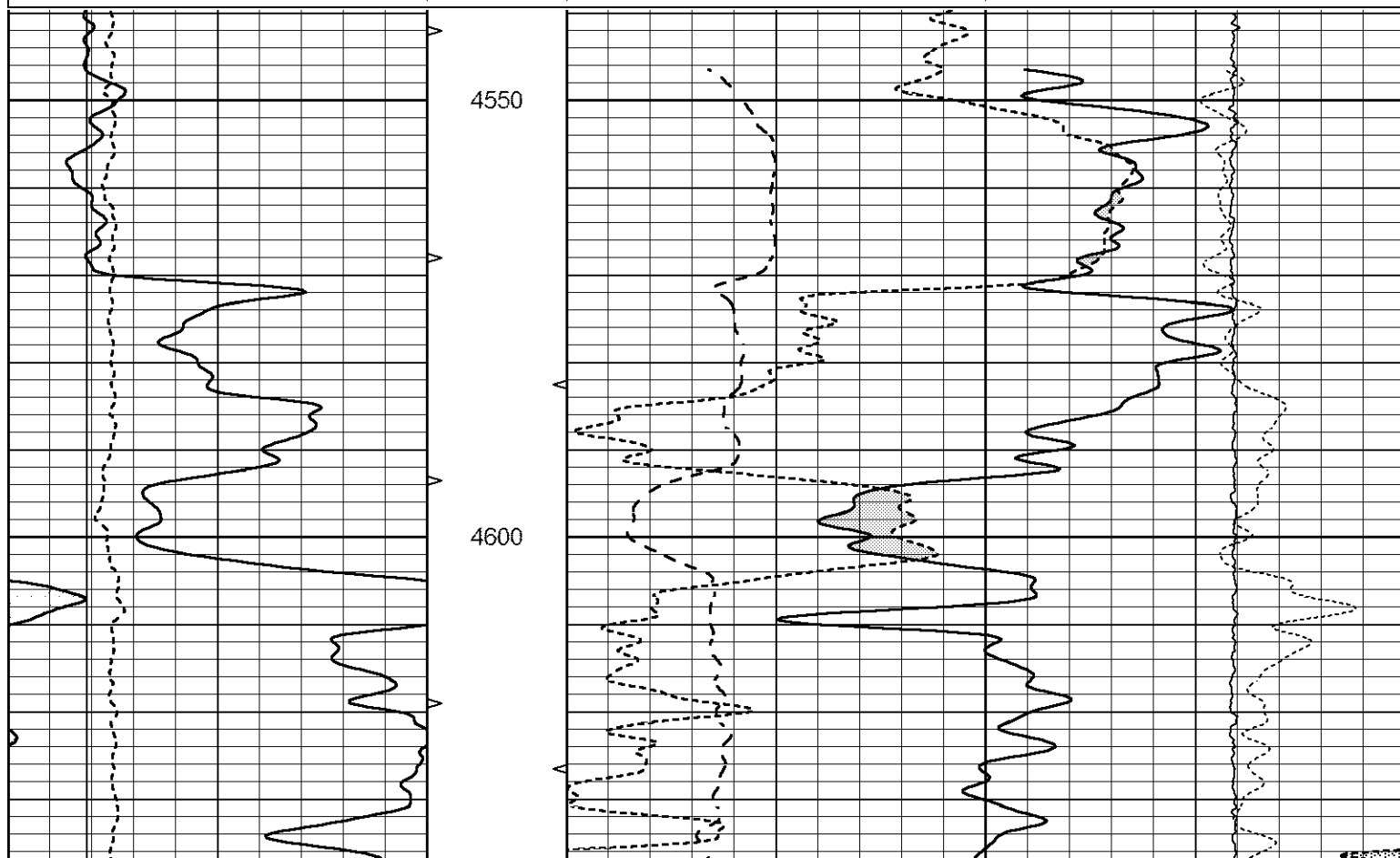


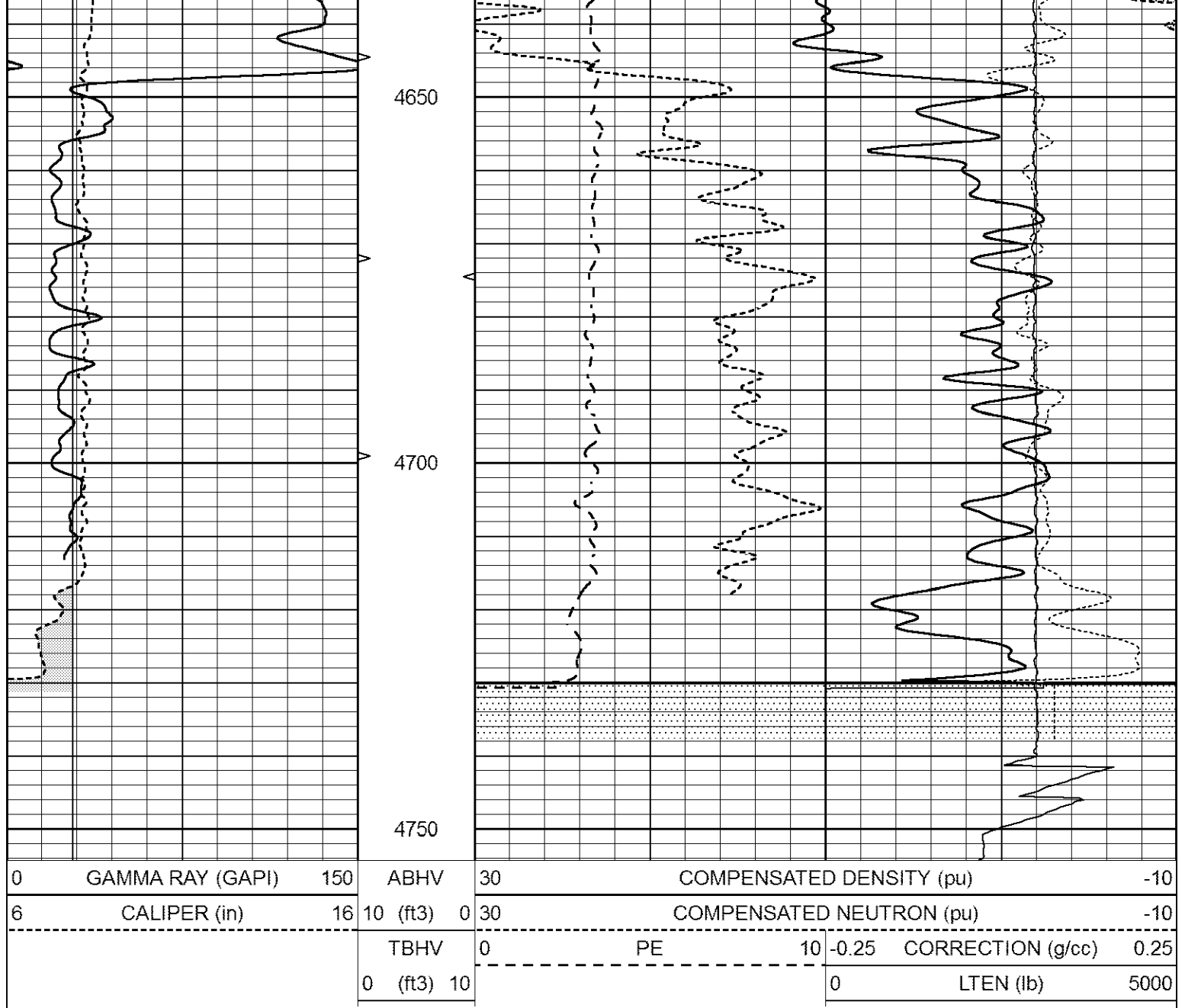


REPEAT SECTION

Database File 6384pe.db
 Dataset Pathname pass2.1
 Presentation Format _ldt_neu
 Dataset Creation Wed Apr 06 06:23:46 2022
 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 (ft3) 10	CORRECTION (g/cc)		0.25
			LTEN (lb)		5000	





Calibration Report

Database File: 6384pe.db
 Dataset Pathname: pass3.1
 Dataset Creation: Wed Apr 06 06:38:40 2022

Dual Induction Calibration Report

Serial-Model: FW1410-55-Probe
 Surface Cal Performed: Sat Jan 29 11:57:42 2022
 Downhole Cal Performed: Tue Feb 19 11:44:24 2019
 After Survey Verification Performed: Tue Feb 19 11:44:27 2019

Surface Calibration

Loop:	Readings			References			Results	
	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			Results	
	Zero	Cal		Zero	Cal		m	b
Deep	0.007	0.649	V	0.000	400.000	mmho/m	623.784	-4.595
Medium	0.000	0.712	V	0.000	464.000	mmho/m	637.031	0.351

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: 140704								
Model: V4_10P								
Source Number: 74GBq-19								
Master Calibration					Performed: Fri Feb 18 15:41:27 2022			
	Background		Aluminum		Magnesium			
Window 1	515.75		5443.58		23734.91	cps		
Window 2	41.45		1226.32		5757.32	cps		
Window 4	224.78		1223.03		5315.97	cps		
Window 5	549.25		7983.61		15349.73	cps		
Window 6	43.12		1271.88		2496.98	cps		
Window 8	261.02		2595.65		4928.92	cps		
Bulk Density	-		2.6020		1.6830	g/cc		
Pe	-		3.0000		2.5070	b/e		
LS Alpha:	: -1.8571		SS Alpha:	: -0.7875		LS CPE:	: 1.1396	
LS Beta:	: 128618.9672		SS Beta:	: 18780.4869		SS CPE:	: 1.5966	
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					

Results	Readings		References (in)		Gain	Offset
	Low	High	Low	High		
	8107.9	11082.1	8.0	14.0	0.0	-7.7

Before Survey Caliper Verification

Performed:

Reference

Reading

Caliper (in)

After Survey Caliper Verification

Performed:

Reference

Reading

Caliper (in)

Compensated Neutron Calibration Report

Serial Number:
Tool Model:080621PMC
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