



COMPENSATED
DENSITY/NEUTRON
PE LOG

Company VINCENT OIL CORPORATION	
Well SMITH #3-6	
Field KINGSDOWN NORTHWEST	
County FORD	
State KANSAS	
Location: API #: 15-057-21007-0000	
2310' FSL & 2037' FEL	
Permanent Datum SEC 6 TWP 29S RGE 22W	Other Services DIL MEL/SON
Log Measured From GROUND LEVEL Elevation 2501	
Drilling Measured From KELLY BUSHING 13' A.G.L. KELLY BUSHING	Elevation K.B. 2514 D.F. 2512 G.L. 2501
Date 2/27/19	
Run Number ONE	
Depth Driller 5330	
Depth Logger 5330	
Bottom Logged Interval 5306	
Top Log Interval 4200	
Casing Driller 8 5/8" @ 688'	
Casing Logger 687'	
Bit Size 7 7/8	
Type Fluid in Hole CHEMICAL MUD	CHLORIDES 9400 PPM
Density / Viscosity 9.3/72	
pH / Fluid Loss 10.5/10.0	
Source of Sample FLOWLINE	
Rm @ Meas. Temp .50 @ 60F	
Rmf @ Meas. Temp .37 @ 60F	
Rmc @ Meas. Temp .60 @ 60F	
Source of Rmf / Rmc MEASUREMENT	
Rm @ BHT .23 @ 128F	
Time Circulation Stopped 2 HOURS	
Time Logger on Bottom	////
Maximum Recorded Temperature 128F	
Equipment Number 3802	
Location HAYS, KANSAS	
Recorded By JASON CAPELLUCCI	
Witnessed By KEN LeBLANC	

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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

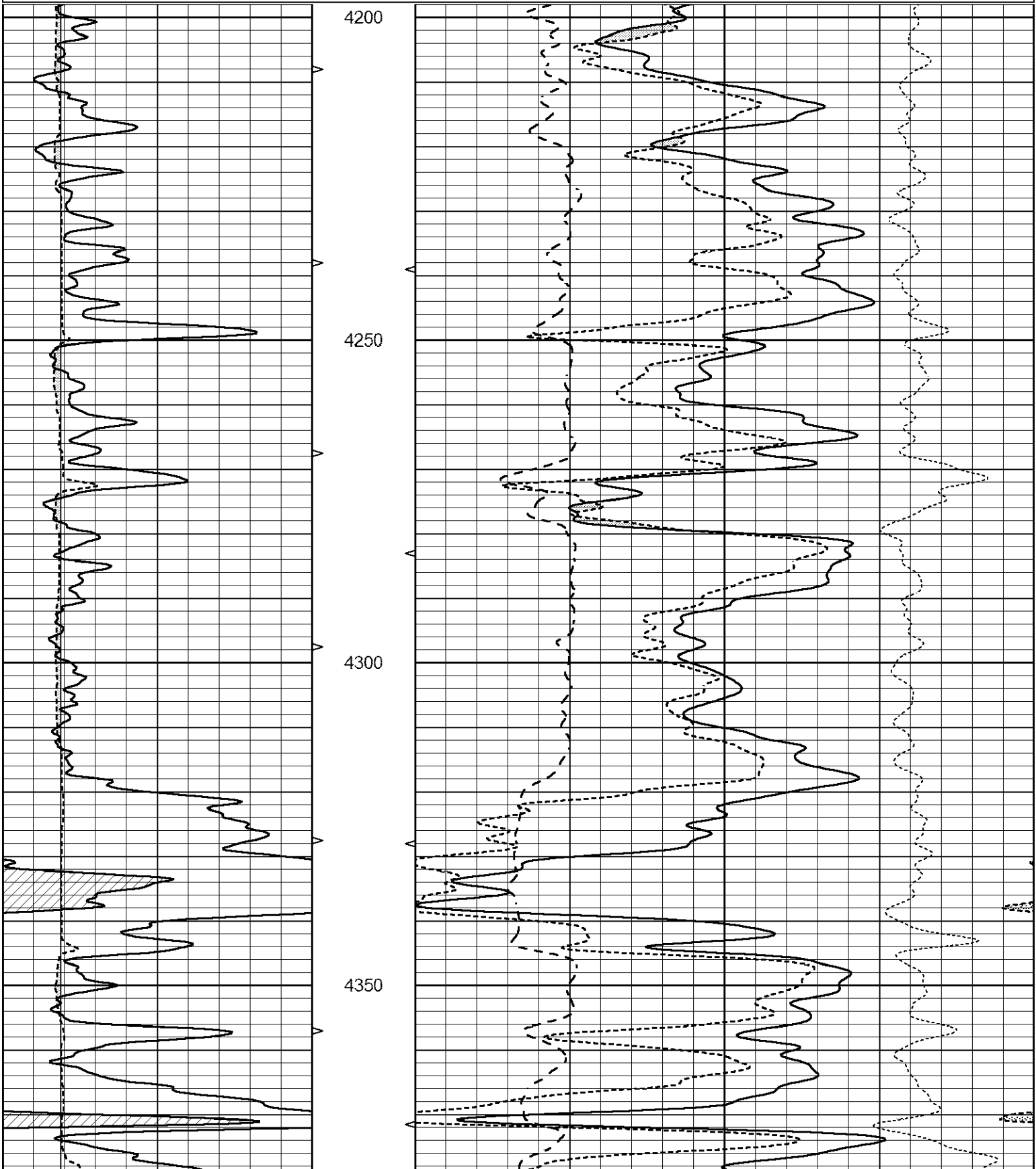
THANK YOU FOR USING ELI WIRELINE SERVICES, HAYS, KS. (785) 628-6395
DIRECTIONS
KINGSDOWN, KS. - 1 1/2 NORTH - WEST INTO AT SOUTH SIDE OF TANK BATTERY

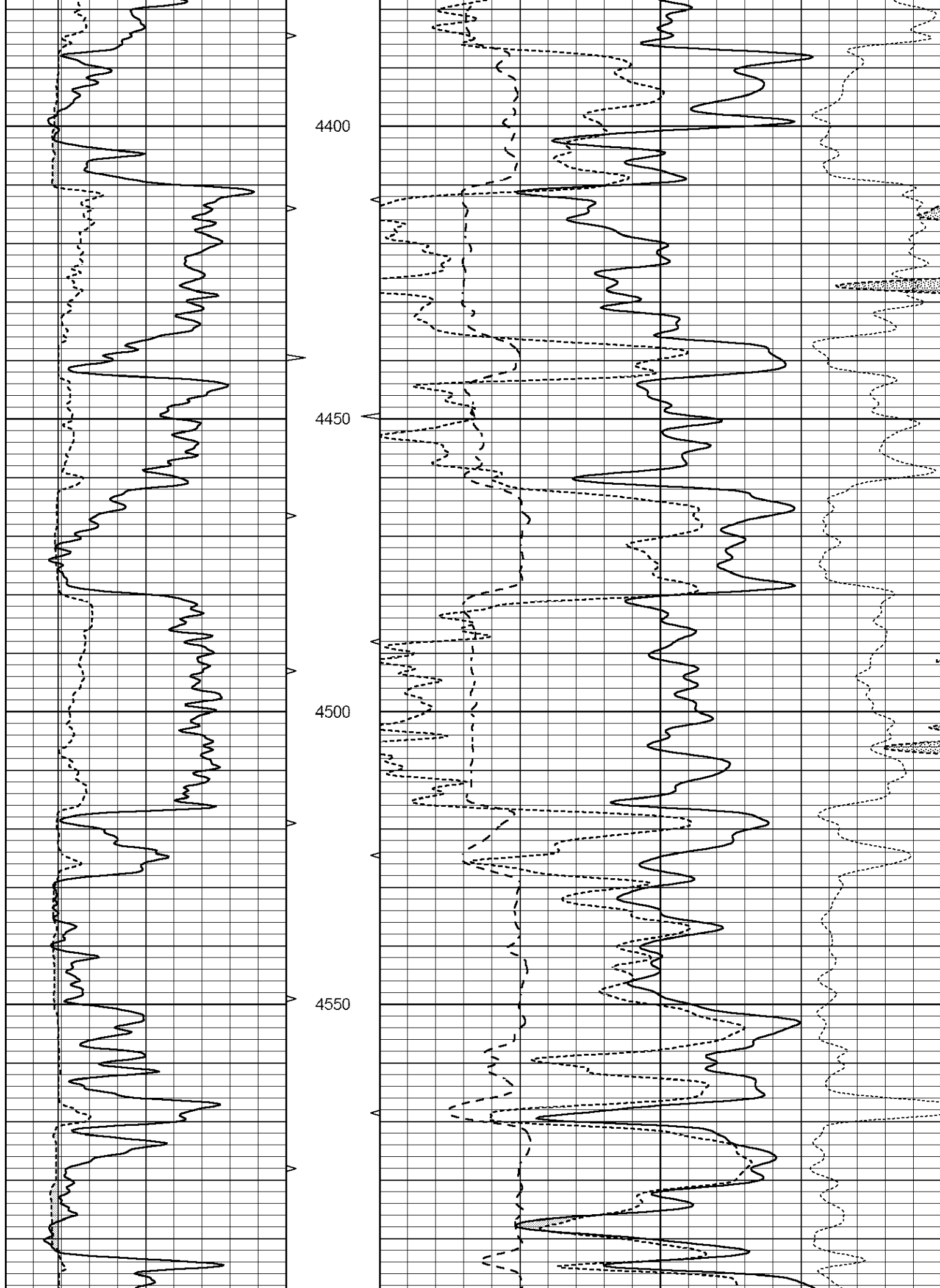


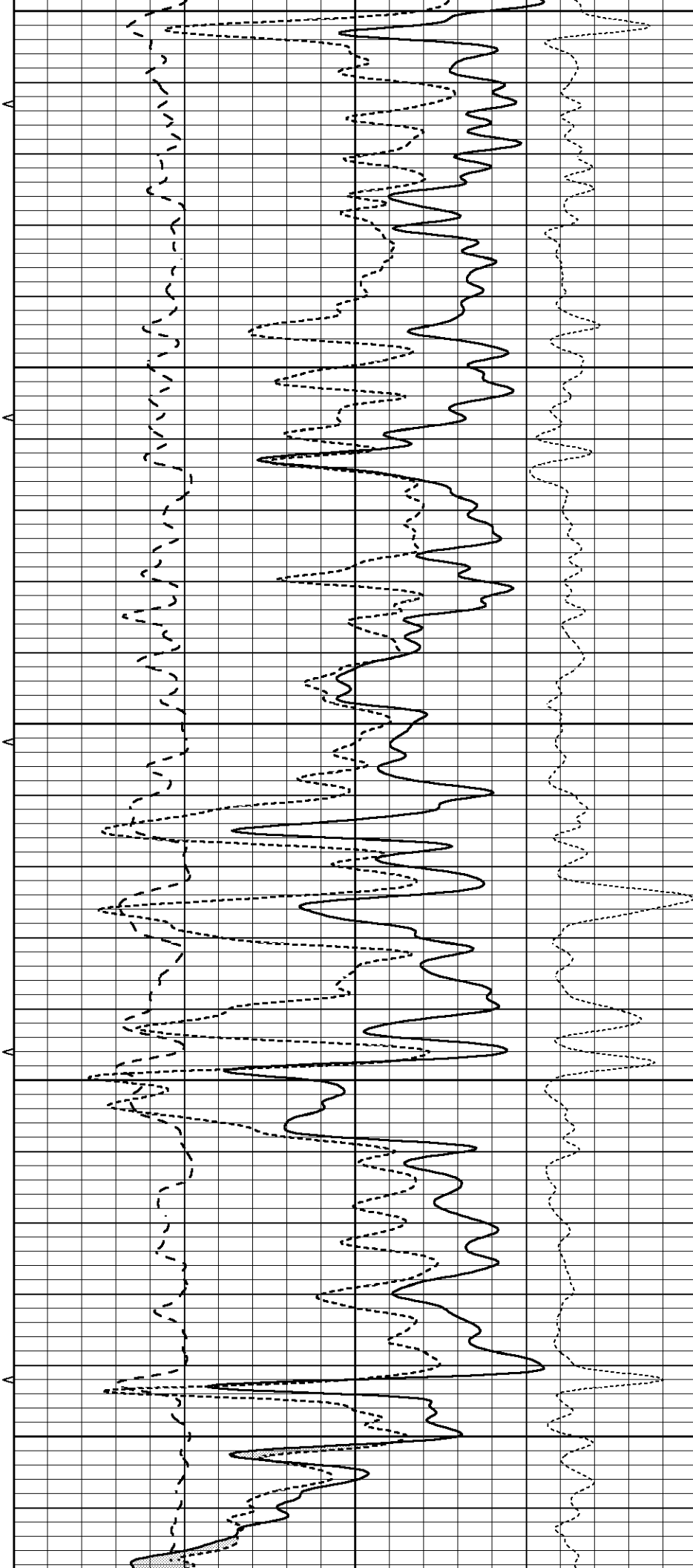
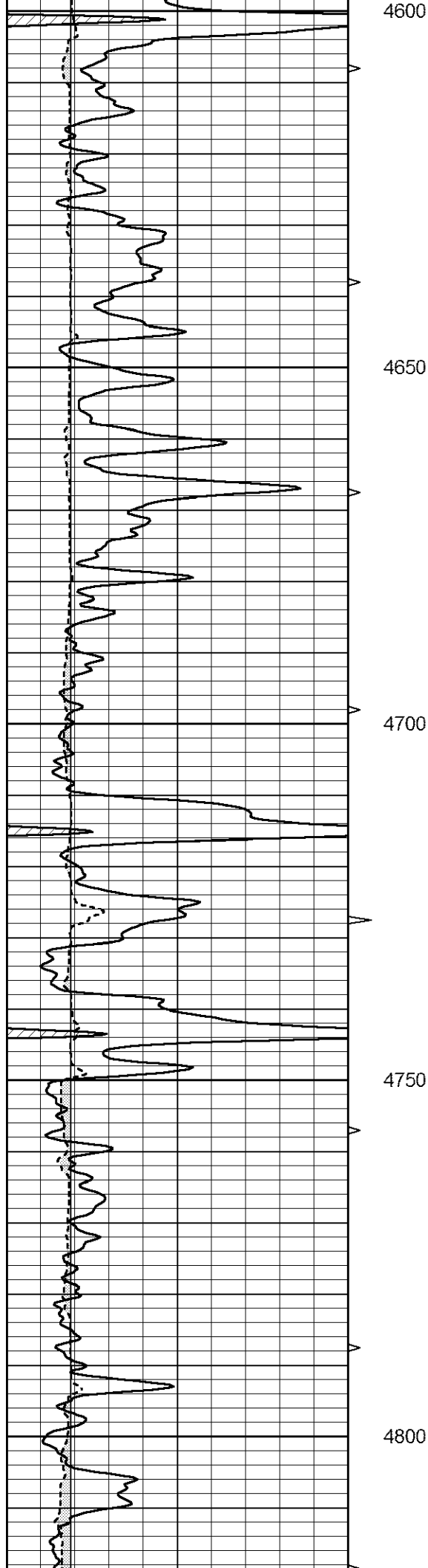
MAIN SECTION

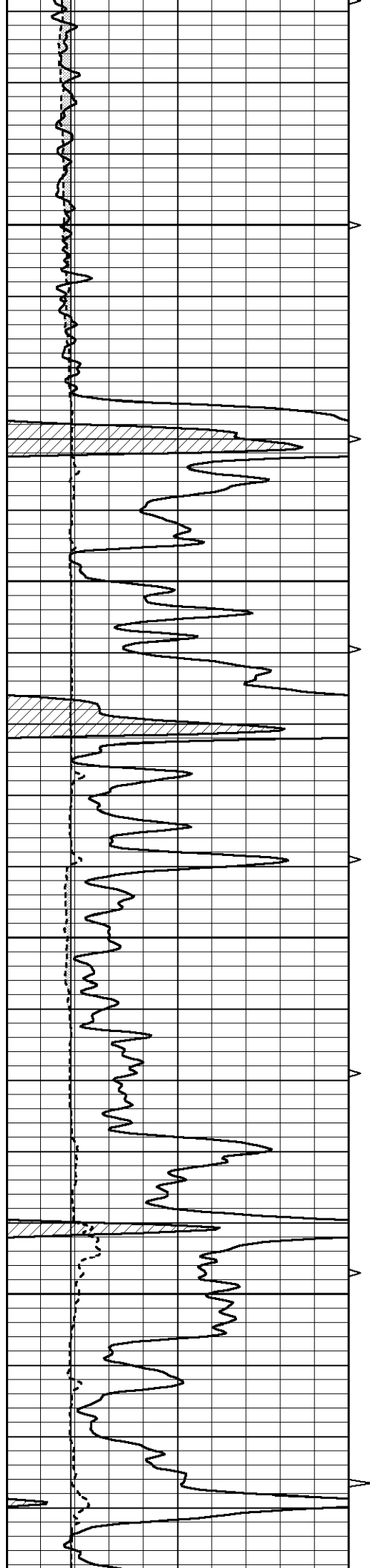
Database File	3446pe8.db
Dataset Pathname	pass3.1
Presentation Format	_ldt_neu
Dataset Creation	Wed Feb 27 04:56:48 2019
Charted by	Depth in Feet scaled 1:240

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







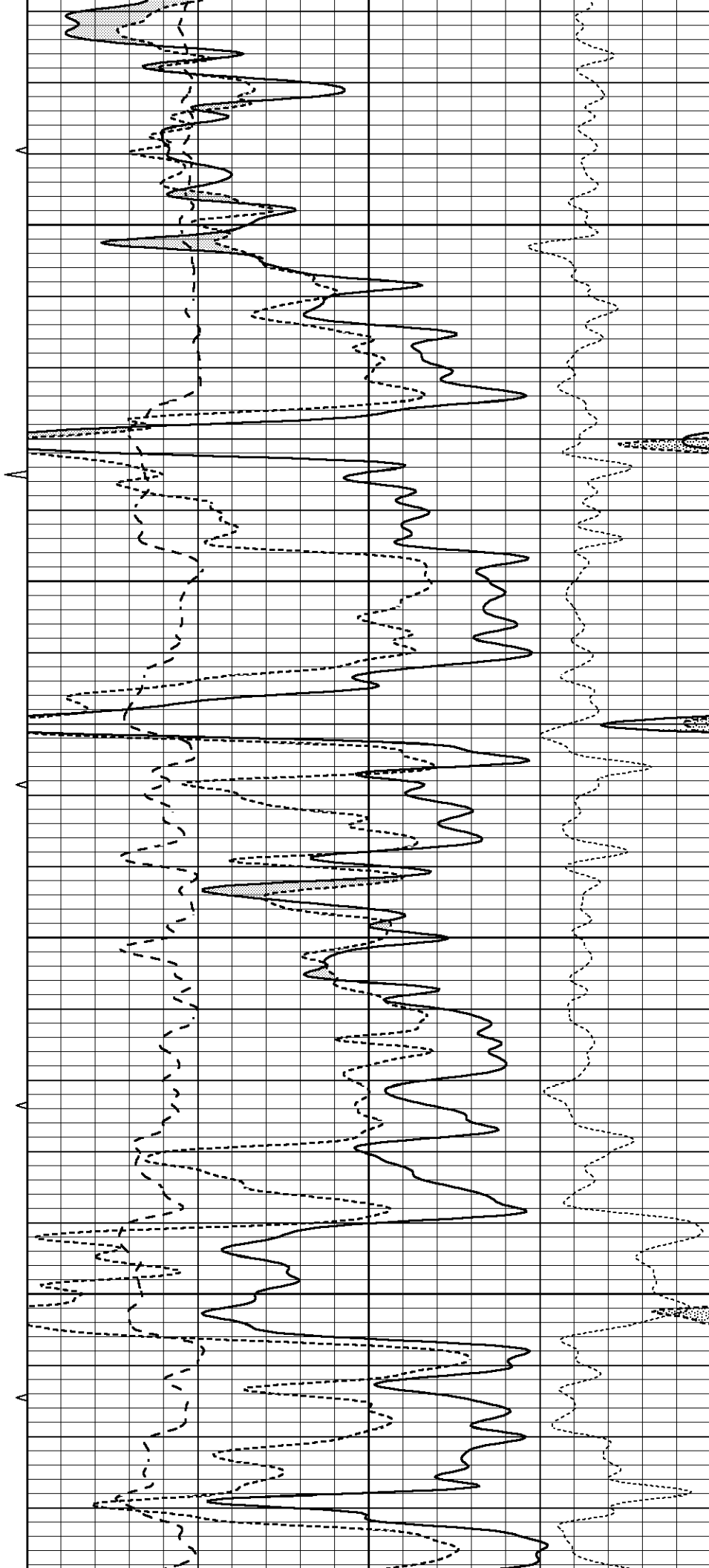


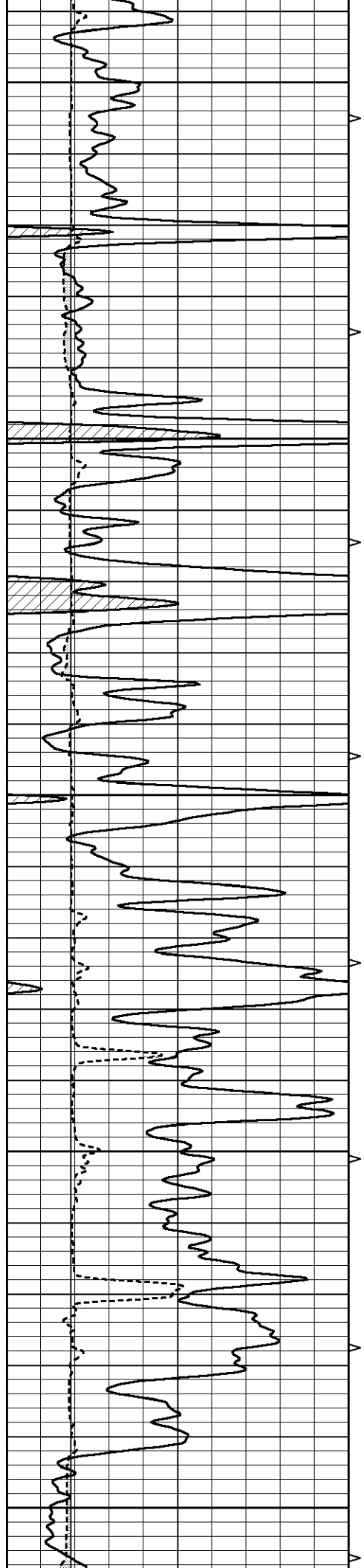
4850

4900

4950

5000





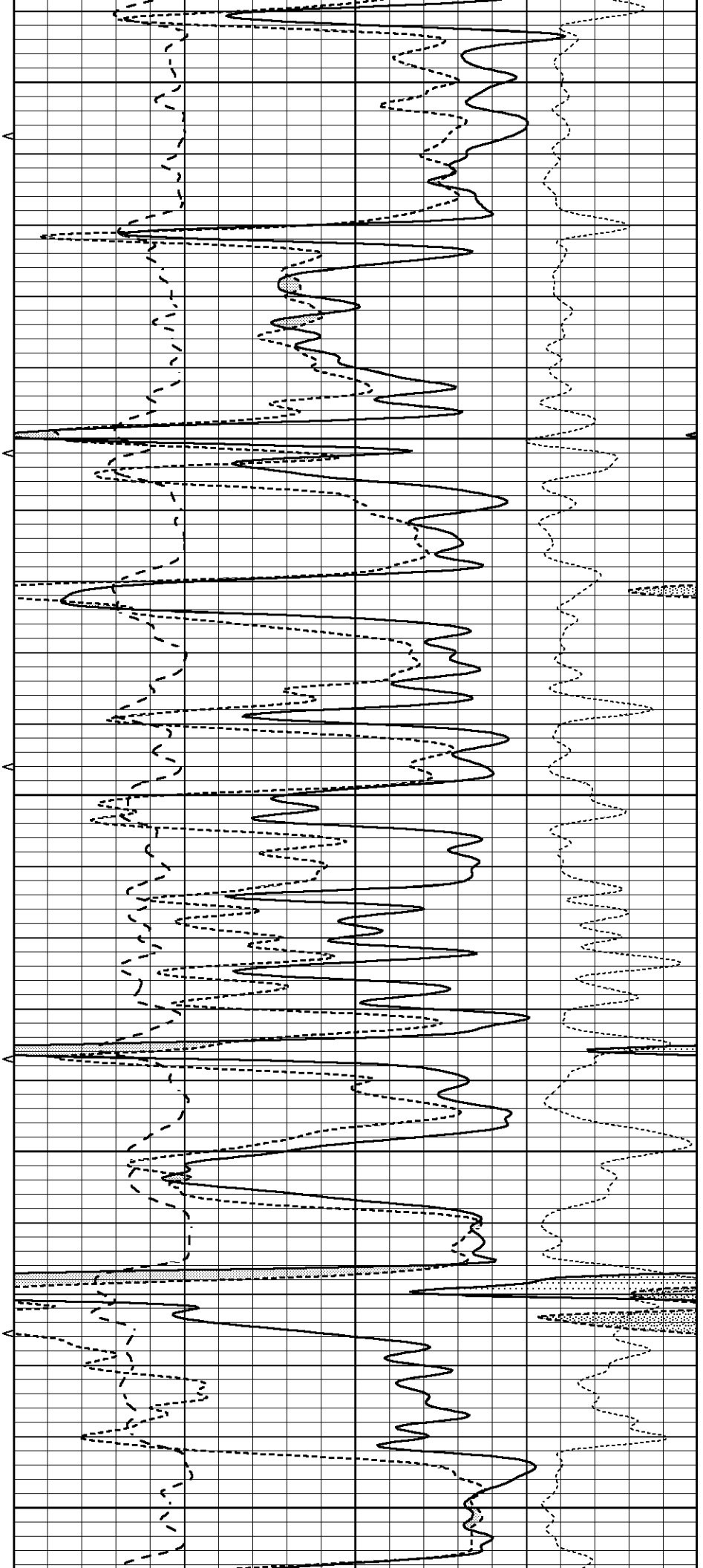
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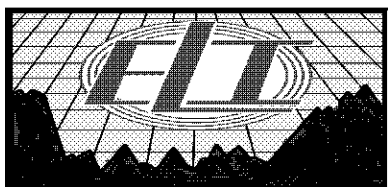
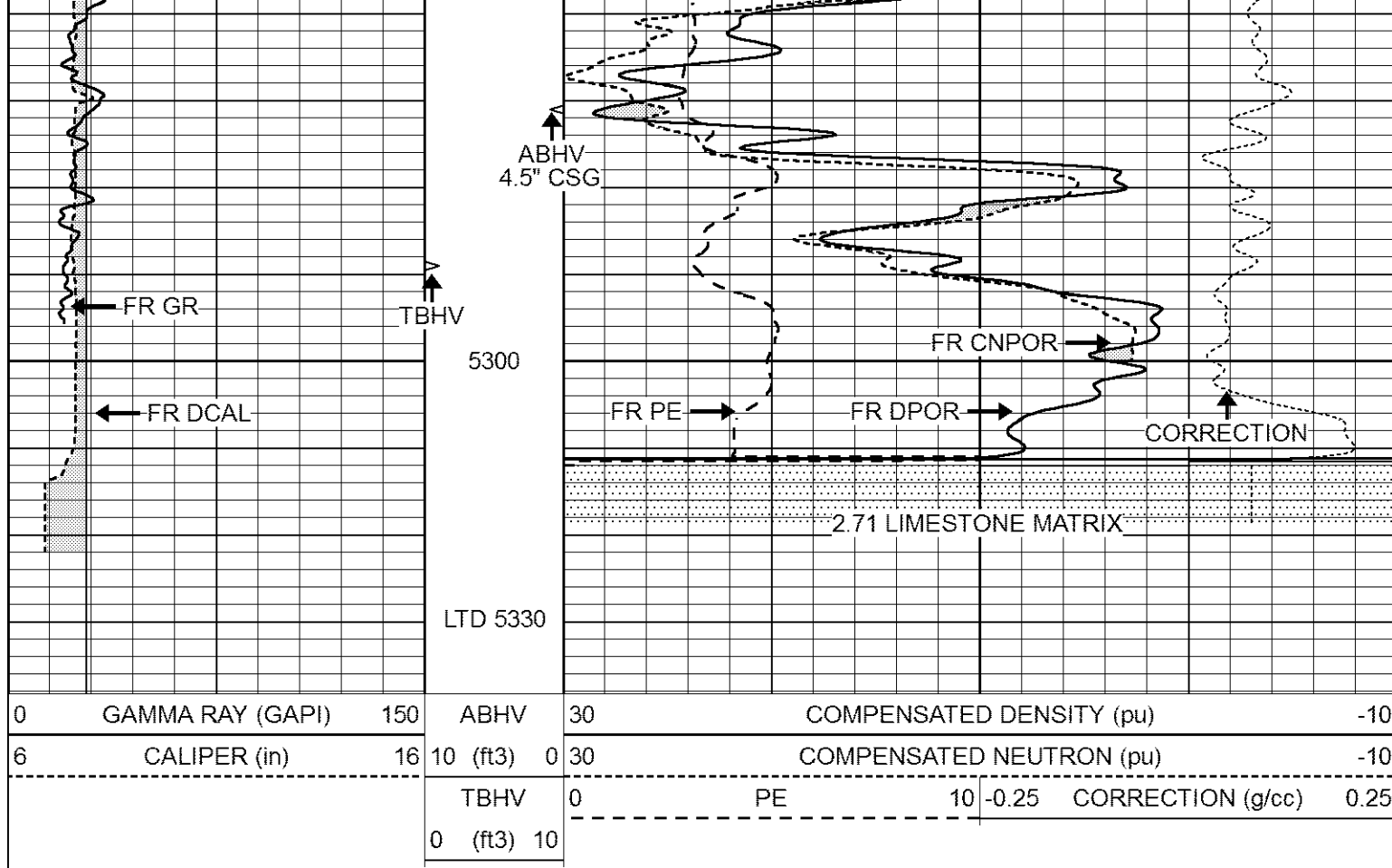
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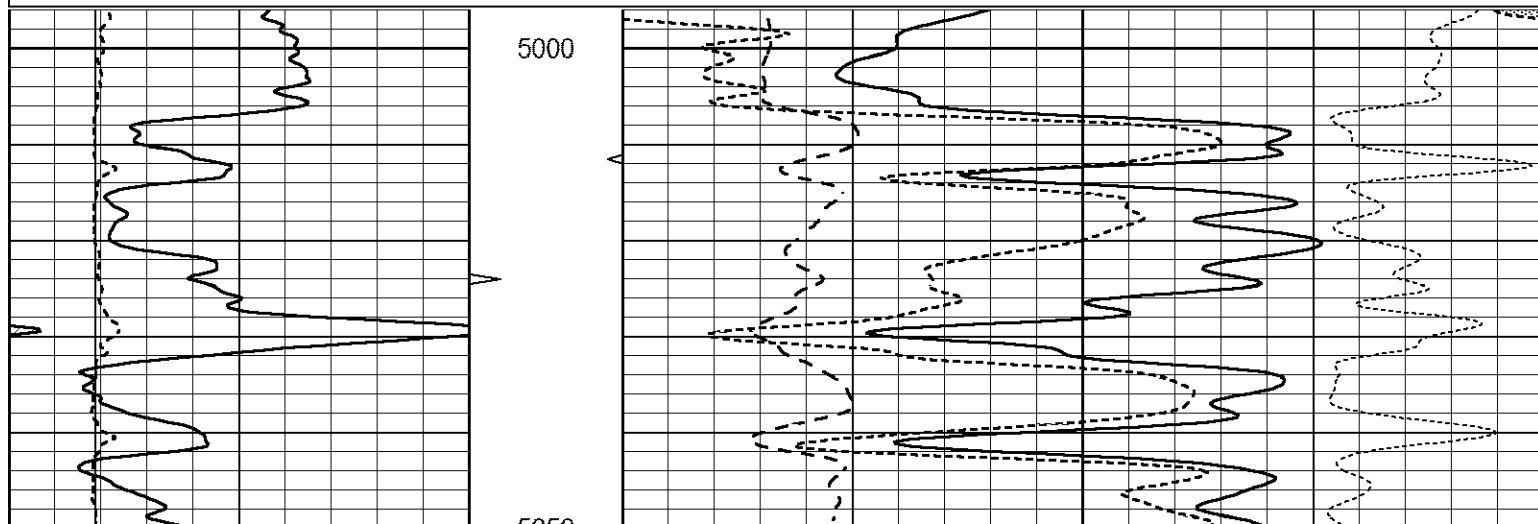
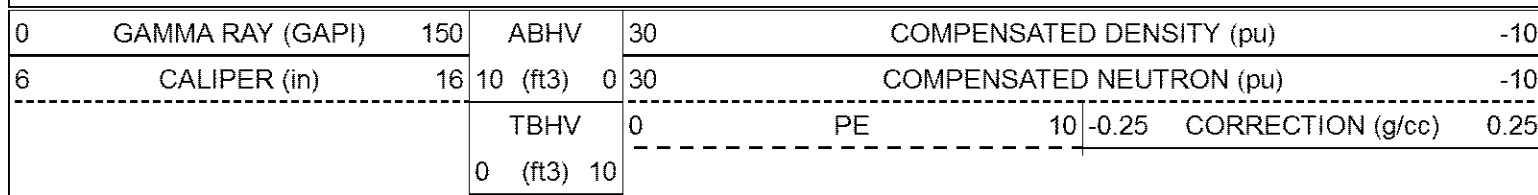
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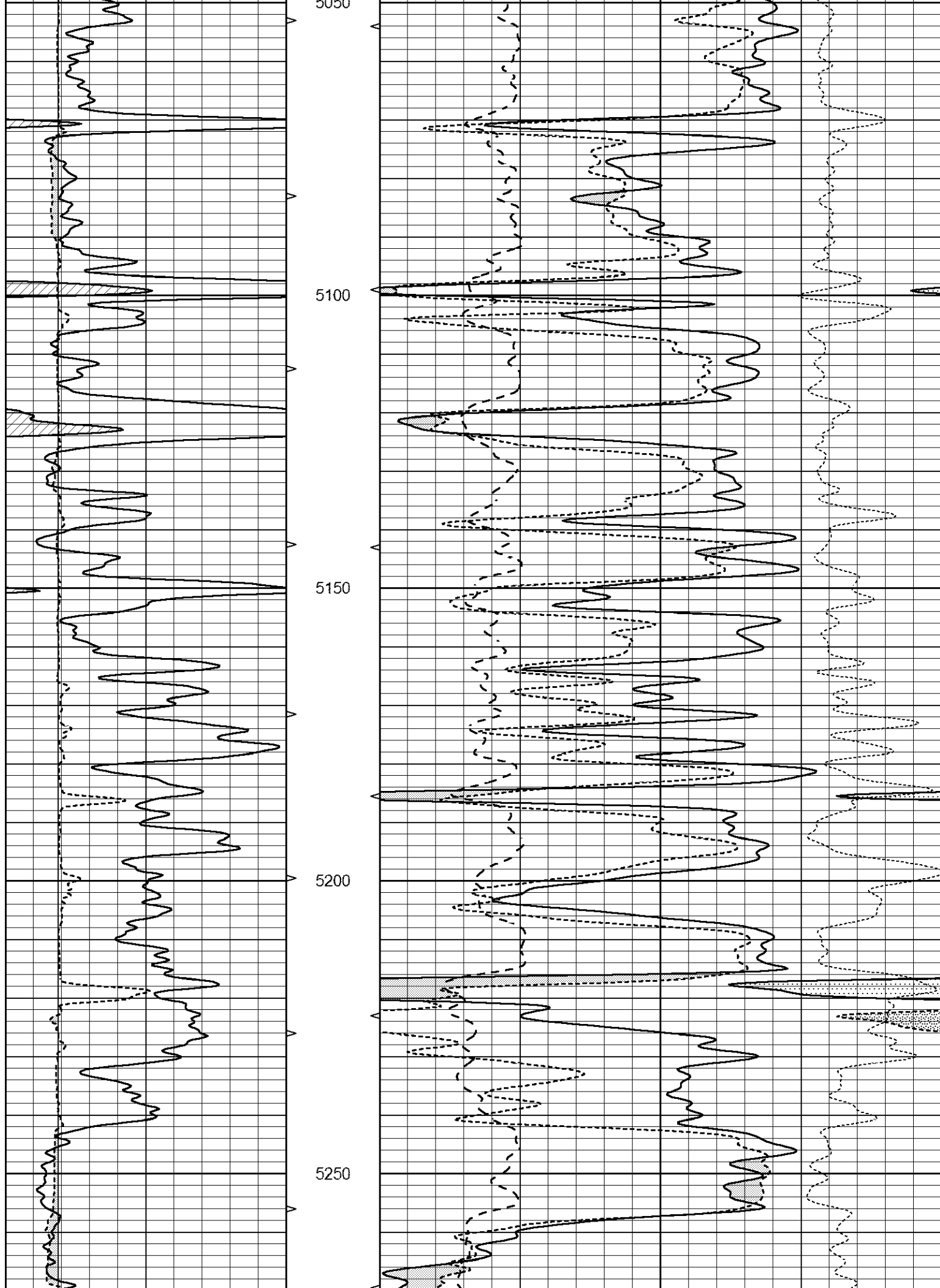


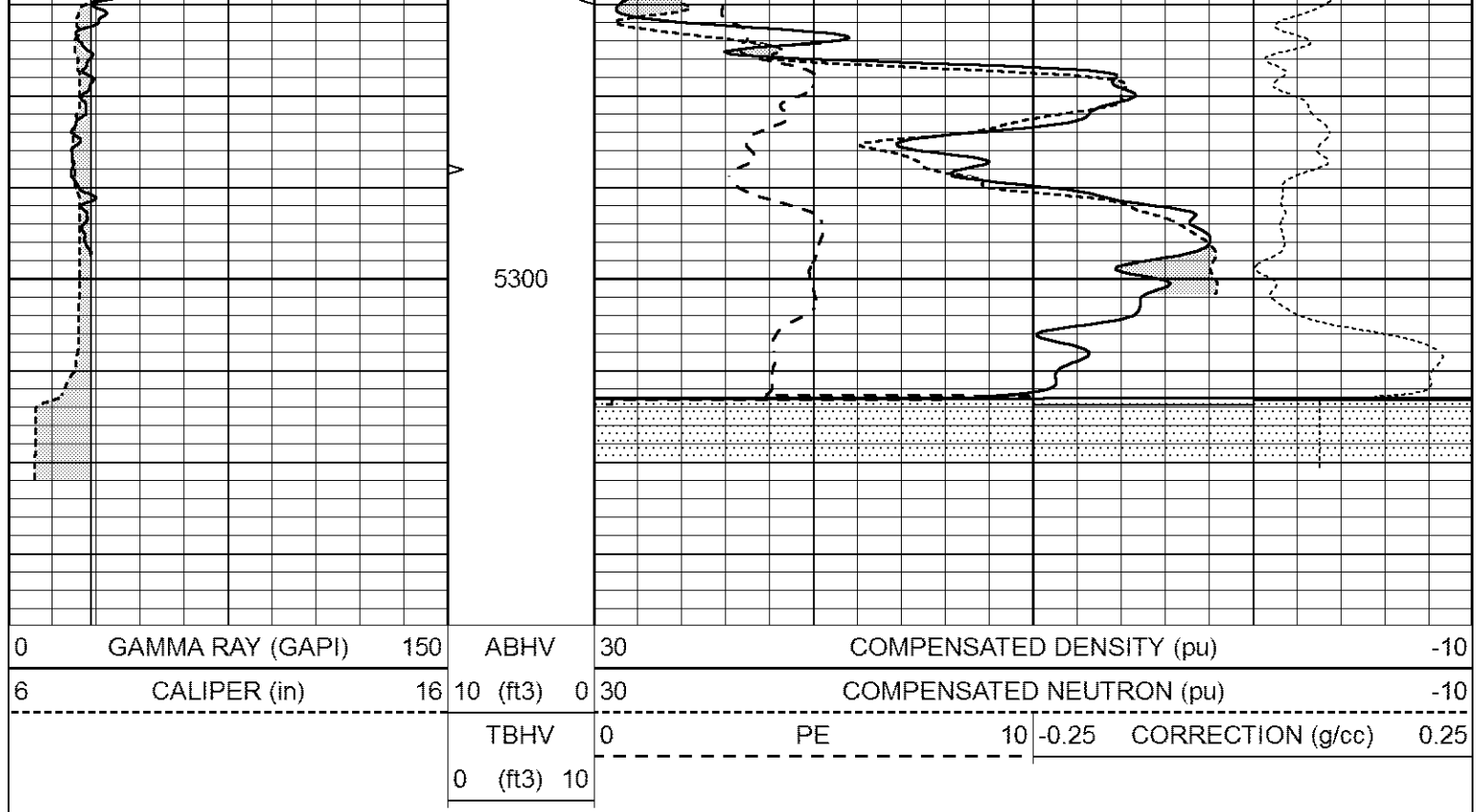


REPEAT SECTION

Database File 3446pe8.db
 Dataset Pathname pass2.1
 Presentation Format _ldt_neu
 Dataset Creation Wed Feb 27 04:29:59 2019
 Charted by Depth in Feet scaled 1:240







Calibration Report

Database File 3446pe8.db
Dataset Pathname pass2.1
Dataset Creation Wed Feb 27 04:29:59 2019

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: 140704 Model: V4_10P Source Number: 74GBq-19								
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Master Calibration				Performed: Fri Jan 18 10:53:52 2019				
	Background		Aluminum	Magnesium				
Window 1	563.20		5403.39	24190.50		cps		
Window 2	44.78		1243.51	6049.93		cps		
Window 4	247.62		1222.40	5239.60		cps		
Window 5	568.17		8975.27	17094.80		cps		
Window 6	44.48		1484.88	2922.28		cps		
Window 8	270.82		2877.34	5377.89		cps		
Bulk Density	-		2.6020	1.6830		g/cc		
Pe	-		3.0000	2.5070		b/e		
LS Alpha:	: -1.8641		SS Alpha:	: -0.7692		LS CPE:	: 1.1004	
LS Beta:	: 127931.7253		SS Beta:	: 20075.8142		SS CPE:	: 1.5209	

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: Fri Jan 18 10:53:52 2019				
Results	Readings		References (in)					
	Low	High	Low	High	Gain		Offset	
	90.2	3611.6	8.0	14.0	0.0		7.8	

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 Feb 19 11:45:10 2019		
Calibrator Value:	1.0	GAPI	
Background Reading:	0.0	cps	
Calibrator Reading:	1.0	cps	
Sensitivity:	0.4300	GAPI/cps	