



**COMPLETION
& PRODUCTION
SERVICES CO.**

**COMPENSATED
DENSITY/NEUTRON
PE LOG**

Company	VINCENT OIL CORPORATION	Location:	API # : 15-057-20963-00-00	Other Services DILMEL SON
Well	FRINK-BROWN #1-28	Permanent Datum	760' FSL & 2610' FWL SE - NE - SE - SW	Elevation
Field	MULBERRY CREEK	Log Measured From	SEC 28 TWP 28S RGE 23W	K.B. 2476 D.F. 2475 G.L. 2463
County	FORD	Drilling Measured From	GROUND LEVEL Elevation 2463 KELLY BUSHING 13' A.G.L. KELLY BUSHING	
State	KANSAS			
Date	6-29-15			
Run Number	ONE			
Depth Driller	5300			
Depth Logger	5298			
Bottom Logged Interval	5274			
Top Log Interval	4150			
Casing Driller	8 5/8 @ 666'			
Casing Logger	666'			
Bit Size	7 7/8			
Type Fluid in Hole	CHEMICAL MUD			
Density / Viscosity	9.2/52	CHLORIDES 10,000 PPM		
pH / Fluid Loss	9.5/10.4			
Source of Sample	FLOWLINE			
Rm @ Meas. Temp	0.30 @ 91F			
Rmf @ Meas. Temp	0.23 @ 91F			
Rmc @ Meas. Temp	0.36 @ 91F			
Source of Rmf / Rmc	MEASUREMENT			
Rm @ BHT	0.21 @ 129F			
Time Circulation Stopped	2 HOURS			
Time Logger on Bottom				
Maximum Recorded Temperature	129F			
Equipment Number	3802			
Location	HAYS, KANSAS			
Recorded By	BLAKE WAGGONER			
Witnessed By	JIM HALL			

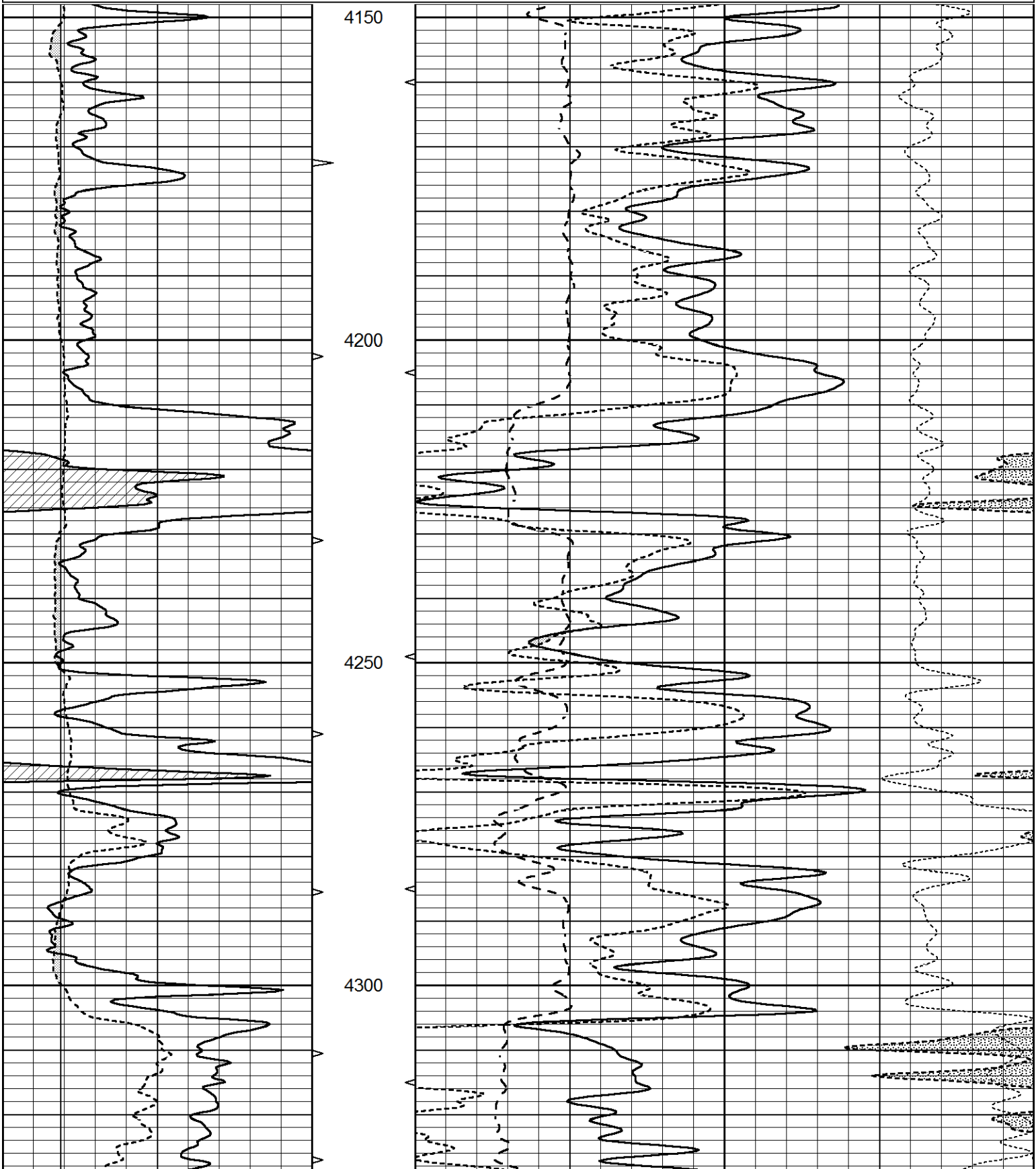
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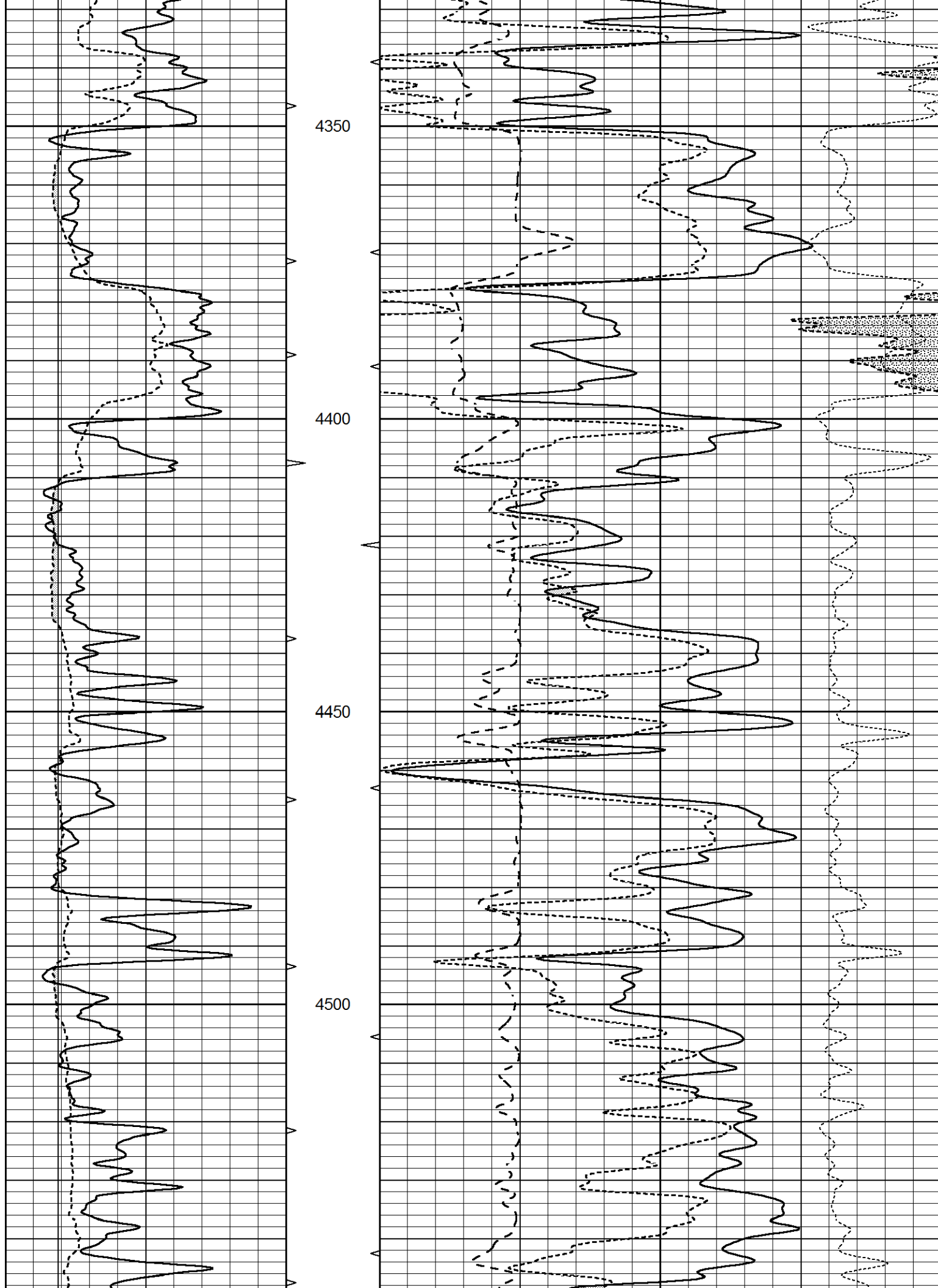
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

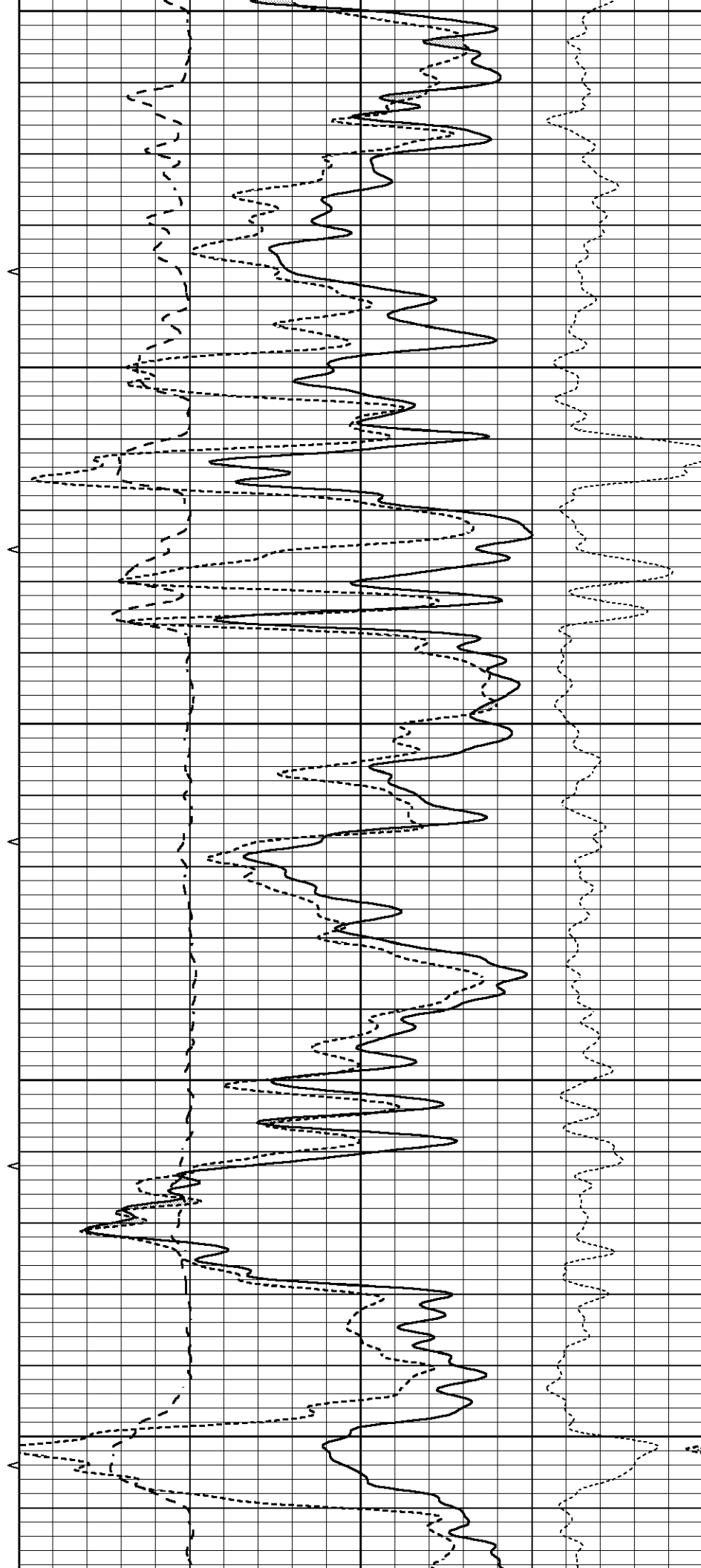
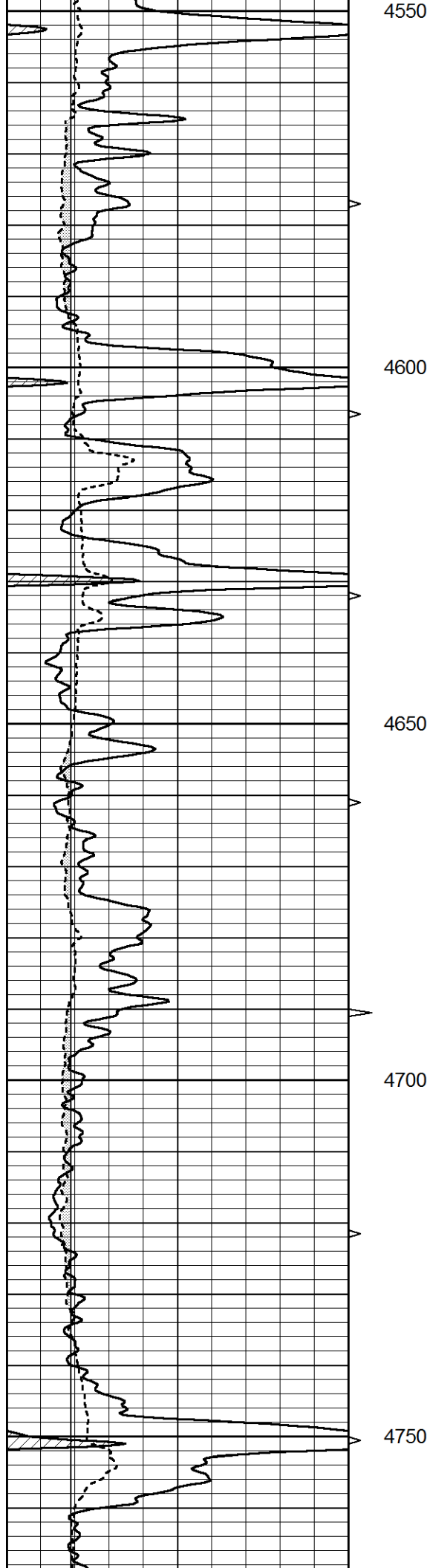
Comments

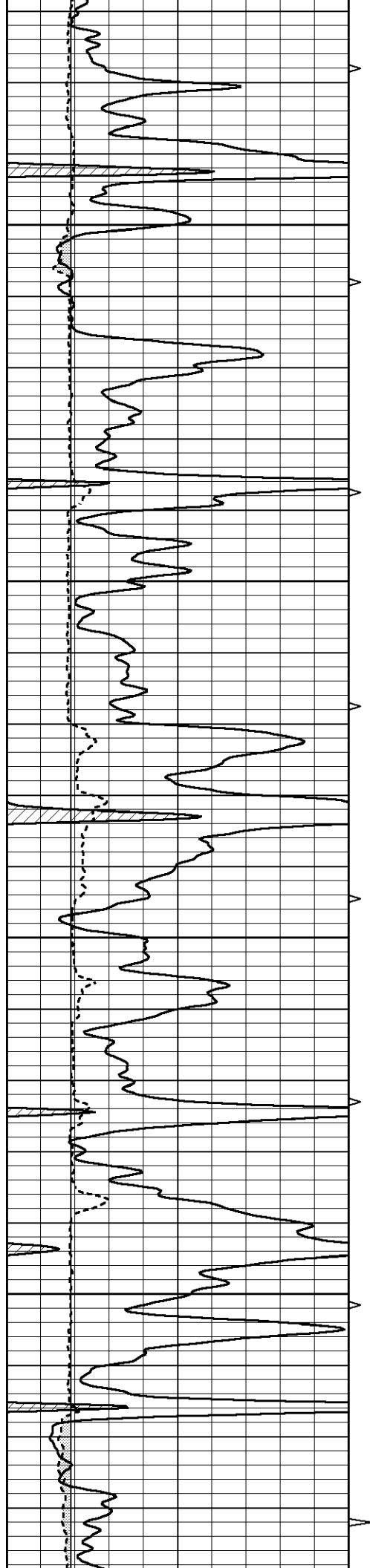
THANK YOU FOR USING NABORS, HAYS, KS. (785) 628-6395
DIRECTIONS :FORD, KS - SOUTH TO WILBURN RD - WEST 5 MILES TO RD 120 - NORTH TO
SECOND TANK BATTERY - EAST INTO

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		







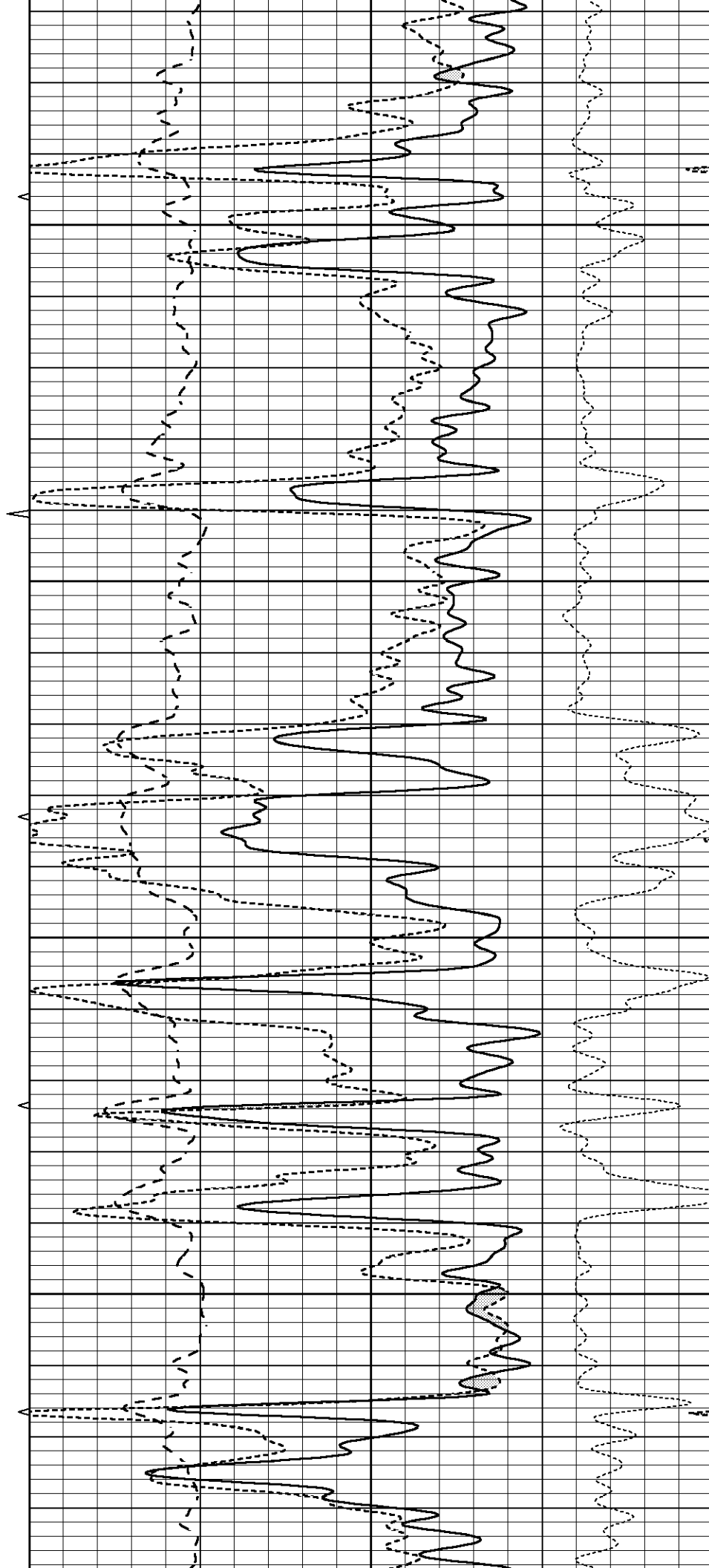


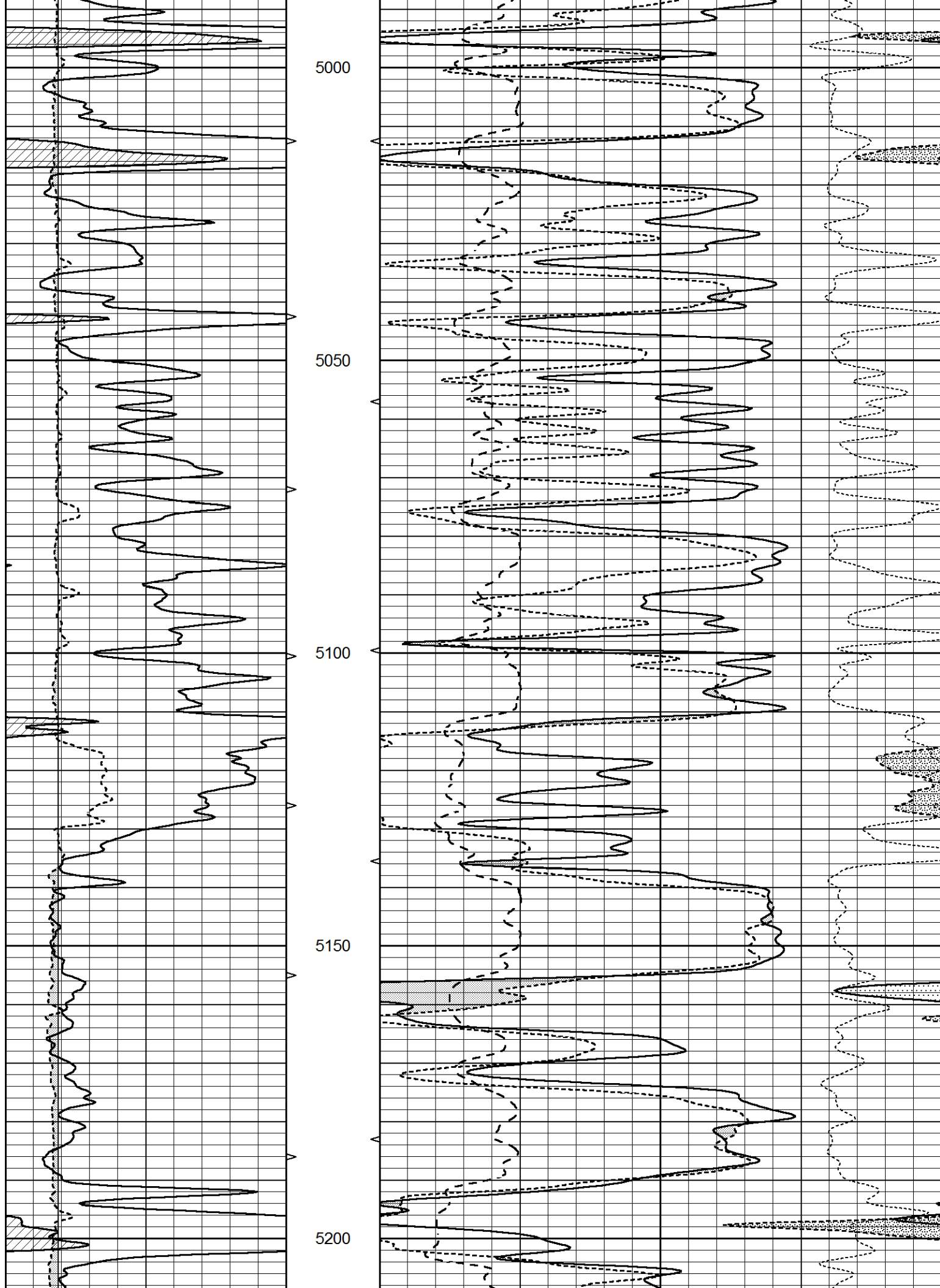
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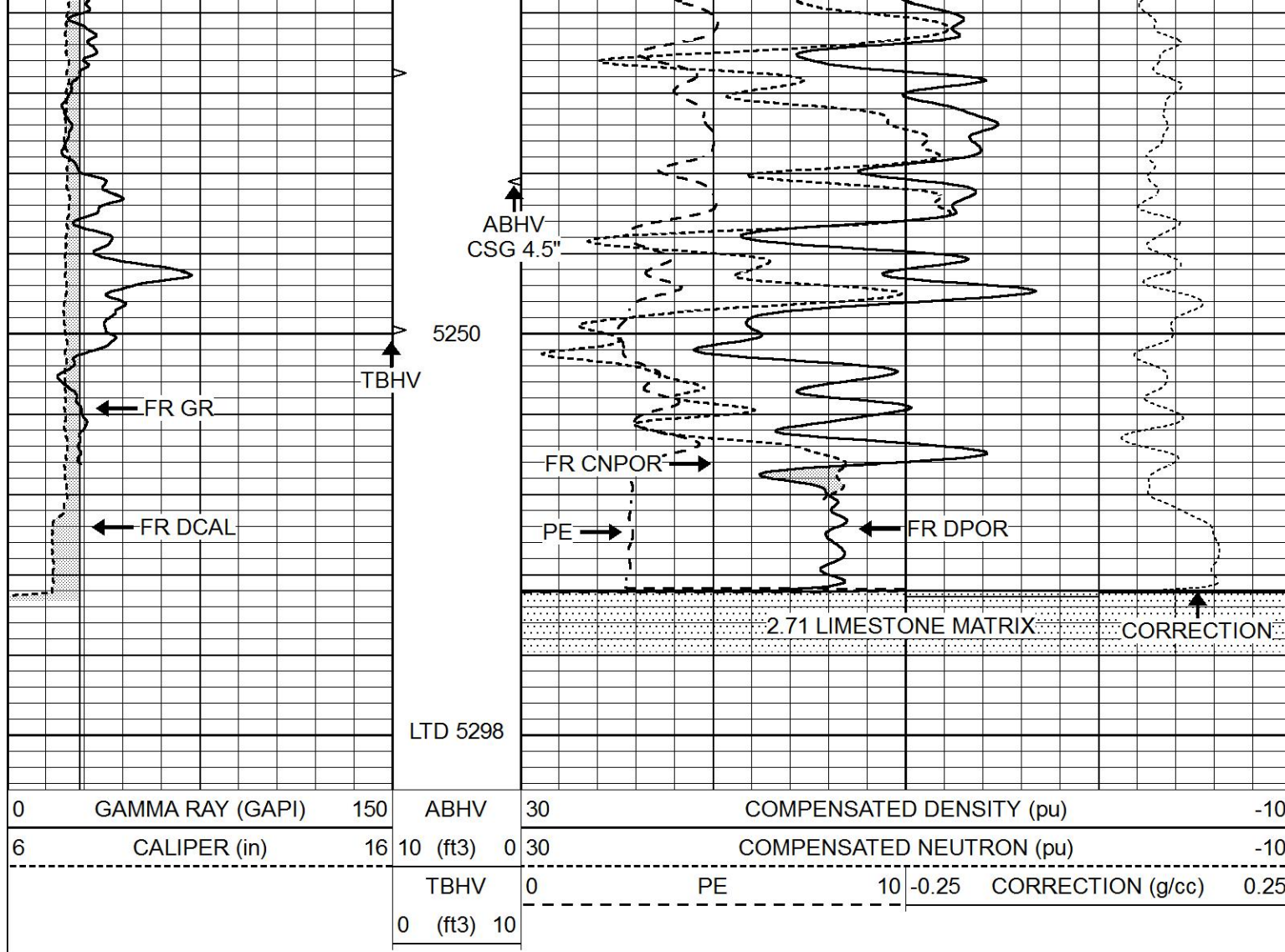
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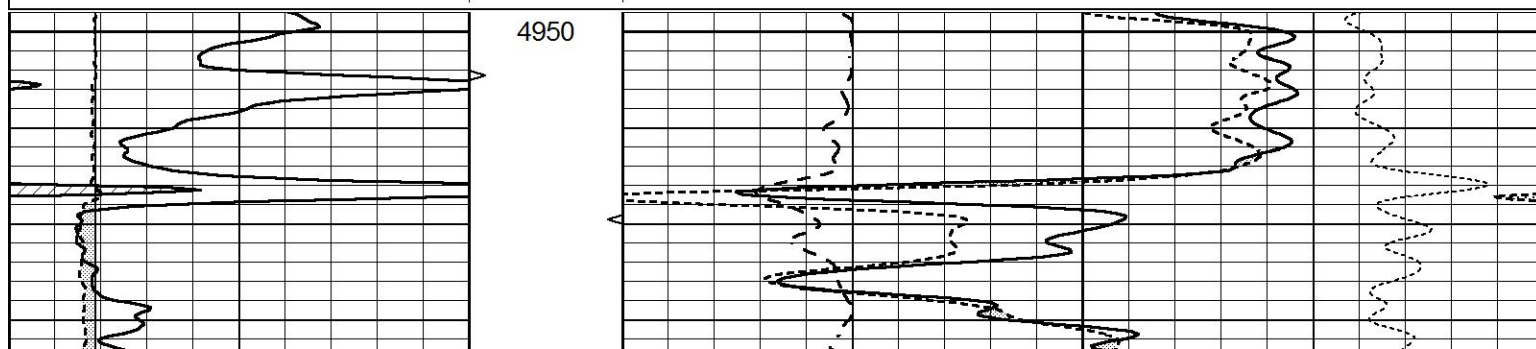


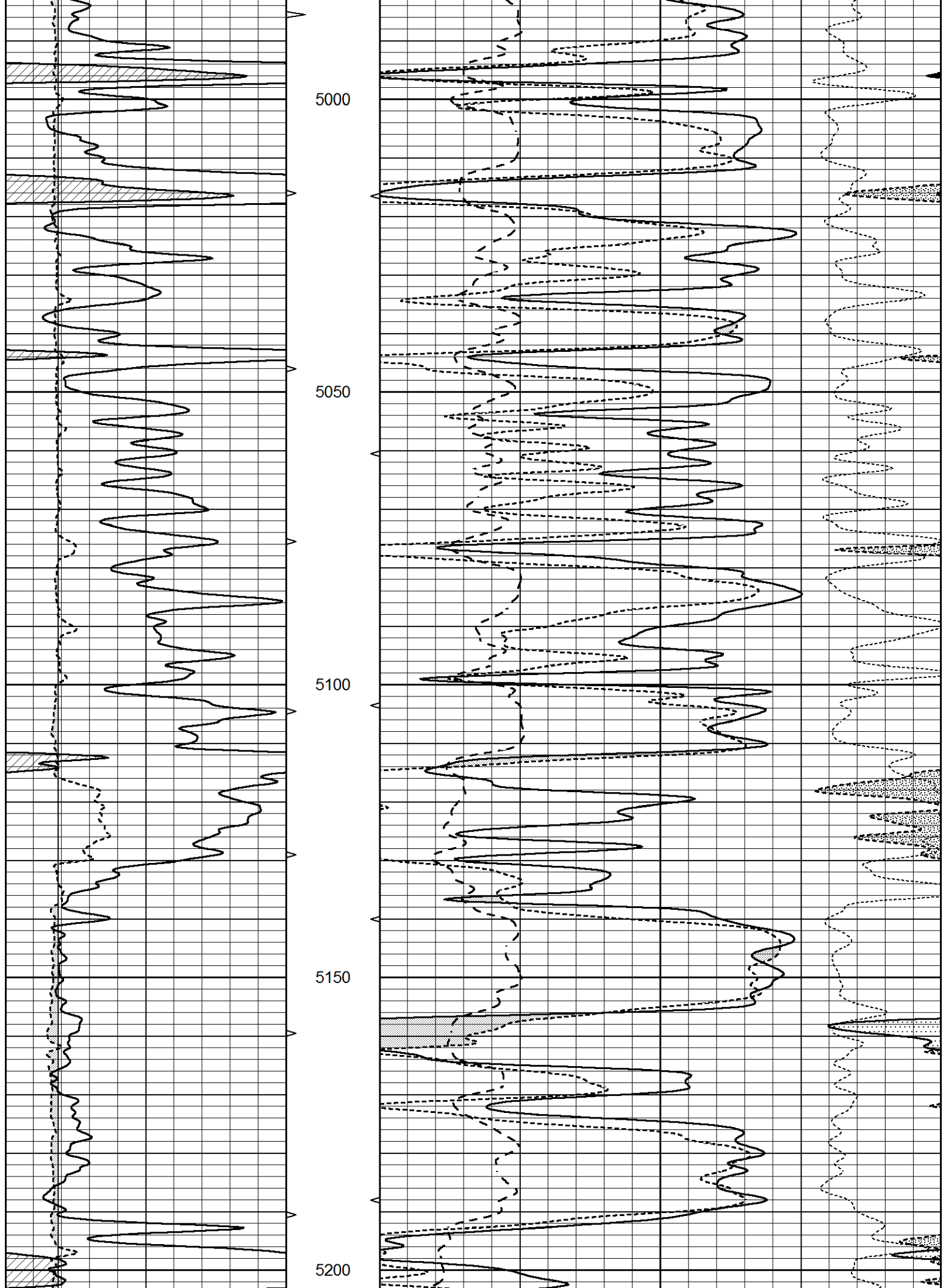


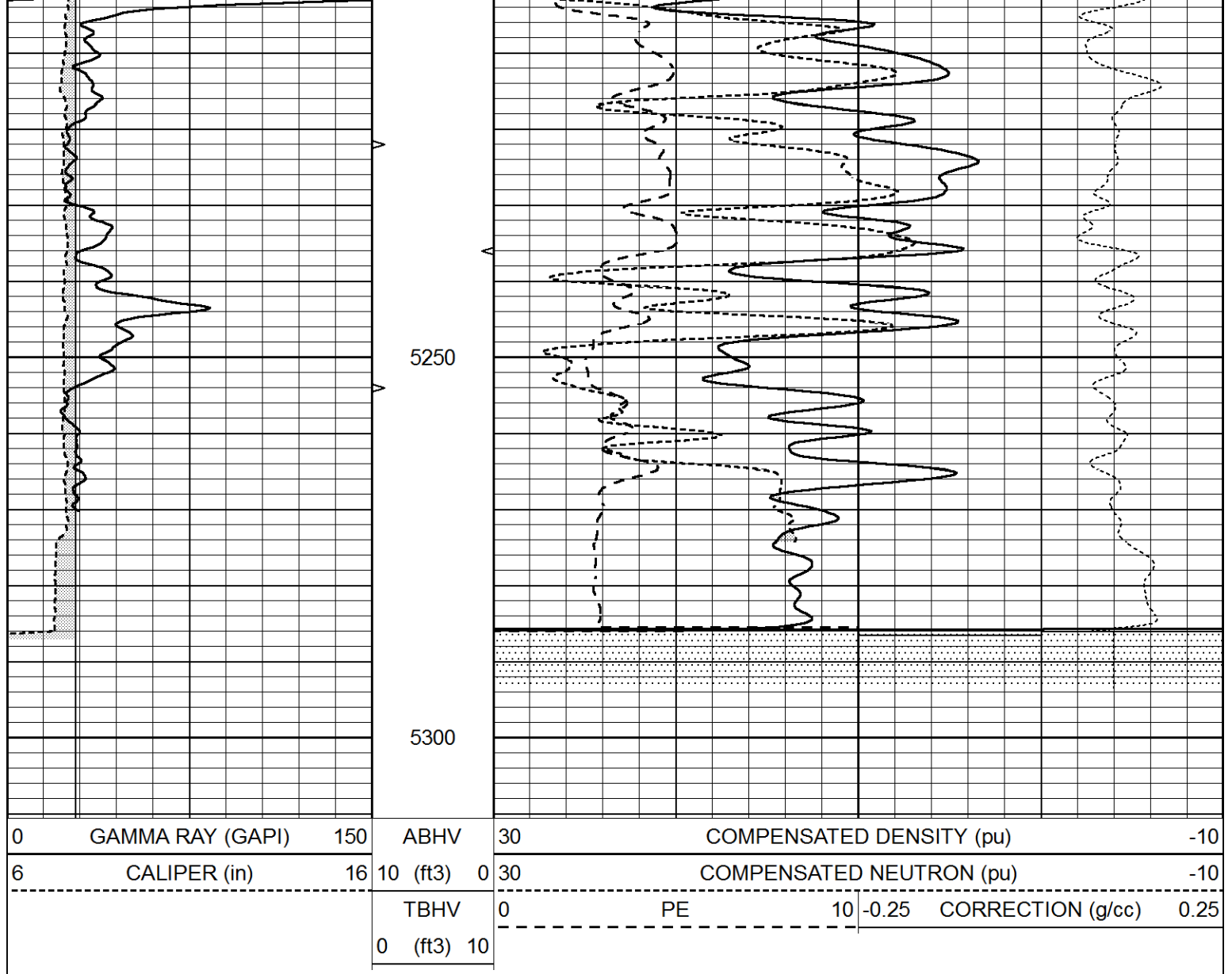
REPEAT SECTION

Database File 26448pe8.db
 Dataset Pathname pass2.1
 Presentation Format _ldt_neu
 Dataset Creation Mon Jun 29 20:34:34 2015
 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 26448pe8.db
 Dataset Pathname pass3.2
 Dataset Creation Mon Jun 29 21:20:03 2015

Dual Induction Calibration Report

Serial-Model: FW1410-56-Probe
 Surface Cal Performed: Fri Mar 13 14:03:50 2015
 Downhole Cal Performed: Fri Mar 13 15:37:29 2015
 After Survey Verification Performed: Fri Mar 13 15:37:29 2015

Surface Calibration

Readings				References			Results	
Loop:	Air	Loop		Air	Loop		m	b
Deep	0.008	0.765	V	1.000	400.000	mmho/m	527.061	-3.201
Medium	-0.056	0.761	V	1.000	464.000	mmho/m	567.187	32.510
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.005	0.624	V	0.000	400.000	mmho/m	645.611	-3.034
Medium	0.012	0.721	V	0.000	464.000	mmho/m	653.591	-7.532

Downhole Calibration

Readings References Results

Readings				References			Results	
	Zero	Cal		Zero	Cal		m'	b'
Deep	-0.647	301.329	mmho/m	-0.780	336.378	mmho/m	1.117	-0.058
Medium	38.256	411.013	mmho/m	39.046	441.706	mmho/m	1.080	-2.280
LL3		7.471	V		1500.000	Ohm-m		
		0.001	V		20.000	Ohm-m		
		-7.085	V		6000.000	mmho-m		

After Survey Verification								
Readings				Targets			Results	
	Zero	Cal		Zero	Cal		m'	b'
Deep	0.000	0.000	mmho/m	-0.647	301.329	mmho/m	1.000	0.000
Medium	0.000	0.000	mmho/m	38.256	411.013	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: Wed Feb 11 18:53:41 2015			
	Background	Aluminum	Magnesium				
Window 1	613.01	6027.40	27508.60	cps			
Window 2	48.21	1424.77	7132.66	cps			
Window 4	266.48	1373.19	5767.15	cps			
Window 5	622.07	10090.30	18937.90	cps			
Window 6	49.07	1682.84	3271.18	cps			
Window 8	298.04	3248.38	5980.58	cps			
Bulk Density	-	2.6020	1.6830	g/cc			
Pe	-	3.0000	2.5070	b/e			
LS Alpha:	: -1.8451	SS Alpha:	: -0.7542	LS CPE:		: 1.0882	
LS Beta:	: 138648.8473	SS Beta:	: 21960.9250	SS CPE:		: 1.5181	

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 Feb 11 18:53:41 2015		
Results	Readings	References (in)			

Low 5123.0	High 9461.6	Low 8.5	High 14.0	Gain 0.0	Offset 1.4
Before Survey Caliper Verification		Performed:			
	Reference	Reading			
Caliper (in)					
After Survey Caliper Verification		Performed:			
	Reference	Reading			
Caliper (in)					
Compensated Neutron Calibration Report					
		Serial Number:	080620PMC		
		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:		46001			
Tool Model:		Probe1			
Performed:		Mon Nov 24 09:45:18 2014			
Calibrator Value:		1.0	GAPI		
Background Reading:		0.0	cps		
Calibrator Reading:		1.0	cps		
Sensitivity:		0.2600	GAPI/cps		